

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
 Data File : BM047732.D
 Acq On : 01 Oct 2024 01:09
 Operator : RC/JU
 Sample : P4018-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCB6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM047732.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.928	324	330	335	rBV	2906144	4143529	2.88%	0.369%
2	5.840	479	485	494	rVV2	11613240	18677177	13.00%	1.665%
3	6.099	522	529	532	rBV4	2313653	4187036	2.91%	0.373%
4	6.157	532	539	543	rVV	4076197	7946686	5.53%	0.708%
5	6.222	543	550	556	rVB2	1709485	3883142	2.70%	0.346%
6	6.322	560	567	573	rBV3	4008112	8008817	5.57%	0.714%
7	6.381	573	577	582	rBV	4444978	6421560	4.47%	0.572%
8	6.463	582	591	594	rBV3	3497167	7934211	5.52%	0.707%
9	6.493	594	596	603	rVB	2894149	3994393	2.78%	0.356%
10	6.722	627	635	640	rVB3	2409053	5621515	3.91%	0.501%
11	6.787	640	646	648	rBV	2870210	4991165	3.47%	0.445%
12	6.822	648	652	656	rVB	5570800	8672192	6.04%	0.773%
13	6.875	656	661	664	rBV	7352797	10739975	7.48%	0.957%
14	6.910	664	667	672	rVB	5065117	7610563	5.30%	0.678%
15	6.981	672	679	685	rBV3	8772678	19292848	13.43%	1.720%
16	7.046	685	690	695	rVB	3735261	5619727	3.91%	0.501%
17	7.204	711	717	721	rBV2	4387557	7877729	5.48%	0.702%
18	7.251	721	725	732	rVB	6797281	9783665	6.81%	0.872%
19	7.340	732	740	745	rVB3	4452413	8129431	5.66%	0.725%
20	7.463	754	761	768	rVB2	19920262	42183318	29.36%	3.760%
21	7.804	814	819	825	rVB2	8178511	14294343	9.95%	1.274%
22	7.904	825	836	840	rBV	16666530	38419156	26.74%	3.424%
23	8.016	850	855	857	rBV2	2969810	4476302	3.12%	0.399%
24	8.045	857	860	865	rVV2	7054518	12577112	8.75%	1.121%
25	8.116	869	872	879	rVB4	3499609	5903971	4.11%	0.526%
26	8.257	890	896	900	rBV2	6338607	11402976	7.94%	1.016%
27	8.304	900	904	909	rVV2	3293102	7113499	4.95%	0.634%
28	8.363	909	914	919	rVV2	6839546	13444702	9.36%	1.198%
29	8.416	919	923	927	rVV	4806605	6735957	4.69%	0.600%
30	8.463	927	931	933	rVV2	6552231	10440361	7.27%	0.931%
31	8.487	933	935	946	rVB2	8077292	14329488	9.97%	1.277%
32	8.593	947	953	956	rBV	6846938	11195056	7.79%	0.998%
33	8.628	956	959	967	rVB2	4360350	7478625	5.21%	0.667%
34	8.775	979	984	988	rBV	3599621	5405483	3.76%	0.482%
35	8.822	988	992	1000	rVB	4002038	7101929	4.94%	0.633%
36	8.928	1000	1010	1020	rBV4	5736160	16287477	11.34%	1.452%

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Integrator: RTE

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Stop Thrs : 0

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Title : SVOA CALIBRATION

37	9.063	1021	1033	1042	rVB	18207911	40629338	28.28%	3.621%
38	9.181	1042	1053	1059	rBV8	4995872	15722515	10.94%	1.401%
39	9.257	1059	1066	1069	rBV2	2666474	5578085	3.88%	0.497%
40	9.463	1095	1101	1105	rBV3	1546319	3961330	2.76%	0.353%
41	9.616	1119	1127	1132	rVB2	2656393	5587935	3.89%	0.498%
42	9.704	1132	1142	1146	rBV4	3295301	8956975	6.23%	0.798%
43	9.757	1146	1151	1155	rBV3	3581691	7261375	5.05%	0.647%
44	9.904	1172	1176	1181	rVB2	4169208	6840550	4.76%	0.610%
45	9.969	1181	1187	1191	rBV2	3048341	4810672	3.35%	0.429%
46	10.045	1197	1200	1204	rVV	3267721	5374463	3.74%	0.479%
47	10.151	1215	1218	1223	rVV2	2566559	4179731	2.91%	0.373%
48	10.310	1240	1245	1250	rBV2	2961539	4915720	3.42%	0.438%
49	10.498	1270	1277	1283	rBV5	2583178	6191657	4.31%	0.552%
50	10.604	1283	1295	1301	rBV3	13943144	34179856	23.79%	3.046%
51	10.734	1312	1317	1322	rBV2	6911377	11886897	8.27%	1.059%
52	10.892	1339	1344	1355	rVB5	2276650	6698973	4.66%	0.597%
53	10.998	1355	1362	1372	rBV	9369651	16272290	11.33%	1.450%
54	11.122	1375	1383	1390	rBV	7864317	14581984	10.15%	1.300%
55	11.534	1444	1453	1458	rVV5	2086883	5550620	3.86%	0.495%
56	11.645	1466	1472	1477	rBV	7810204	12922174	8.99%	1.152%
57	11.710	1479	1483	1491	rVB2	3764903	6945733	4.83%	0.619%
58	11.881	1504	1512	1521	rBV	5173125	9092556	6.33%	0.810%
59	12.045	1533	1540	1543	rBV	8470390	15028713	10.46%	1.339%
60	12.081	1543	1546	1551	rVB	4787647	6359470	4.43%	0.567%
61	12.286	1573	1581	1587	rVB2	7832105	16482596	11.47%	1.469%
62	12.451	1603	1609	1613	rBV5	4120270	7924712	5.52%	0.706%
63	12.692	1644	1650	1656	rBV6	1480305	4497171	3.13%	0.401%
64	12.875	1673	1681	1687	rVB3	2561446	5970051	4.16%	0.532%
65	13.204	1733	1737	1742	rVB	3567922	5116660	3.56%	0.456%
66	13.286	1745	1751	1758	rBV	9573340	15499231	10.79%	1.381%
67	13.422	1769	1774	1781	rVV	4179976	9248598	6.44%	0.824%
68	13.504	1781	1788	1795	rVB4	3007220	7081770	4.93%	0.631%
69	13.633	1801	1810	1815	rBV6	3649004	9645950	6.71%	0.860%
70	13.722	1820	1825	1829	rBV	5709286	8805153	6.13%	0.785%
71	13.775	1829	1834	1838	rBV2	3039924	5771750	4.02%	0.514%
72	14.363	1929	1934	1938	rBV	15304151	22123235	15.40%	1.972%
73	14.527	1958	1962	1969	rVB4	3190642	4916037	3.42%	0.438%
74	14.592	1969	1973	1977	rBV	4455968	6111397	4.25%	0.545%
75	14.851	2014	2017	2022	rVB2	2828126	4167229	2.90%	0.371%
76	14.922	2023	2029	2033	rVB2	2229627	3941066	2.74%	0.351%

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77	14.980	2034	2039	2045	rBV5	2576552	6816452	4.74%	0.608%
78	15.086	2051	2057	2062	rVB	15219928	26561719	18.49%	2.367%
79	15.210	2074	2078	2082	rBV2	5140730	7845971	5.46%	0.699%
80	15.310	2087	2095	2100	rVB2	8770542	15390231	10.71%	1.372%
81	15.551	2130	2136	2142	rBV5	3182838	5491030	3.82%	0.489%
82	15.710	2158	2163	2172	rVB2	3823701	8275567	5.76%	0.738%
83	16.168	2236	2241	2244	rBV	9082291	14123883	9.83%	1.259%
84	16.910	2350	2367	2371	rBV	34953683	143673797	100.00%	12.805%
85	16.957	2371	2375	2379	rVV	8001566	10577852	7.36%	0.943%
86	17.010	2380	2384	2394	rVB2	4075596	7784748	5.42%	0.694%
87	17.198	2412	2416	2420	rBV	3054567	4358623	3.03%	0.388%
88	17.292	2428	2432	2436	rVV2	3085602	4649635	3.24%	0.414%
89	17.692	2495	2500	2505	rVB	7507385	9919548	6.90%	0.884%
90	17.863	2524	2529	2533	rVB	7816619	9968936	6.94%	0.889%
91	18.380	2613	2617	2627	rVB	5936532	7810132	5.44%	0.696%
92	19.027	2720	2727	2731	rVB2	6070702	13238729	9.21%	1.180%
93	19.162	2746	2750	2758	rVB2	3342301	4243532	2.95%	0.378%
94	19.586	2815	2822	2826	rBV3	4234470	8095271	5.63%	0.722%
95	20.115	2908	2912	2921	rBV2	3410364	4547725	3.17%	0.405%
96	21.092	3074	3078	3092	rVB	5815415	8161351	5.68%	0.727%
97	21.403	3127	3131	3137	rVB	2688602	3872871	2.70%	0.345%
98	22.174	3257	3262	3273	rVB3	2788717	5297308	3.69%	0.472%
99	24.203	3600	3607	3617	rVB	1772058	4415600	3.07%	0.394%
100	24.409	3634	3642	3665	rVB2	2095214	7706465	5.36%	0.687%

Sum of corrected areas: 1121984310

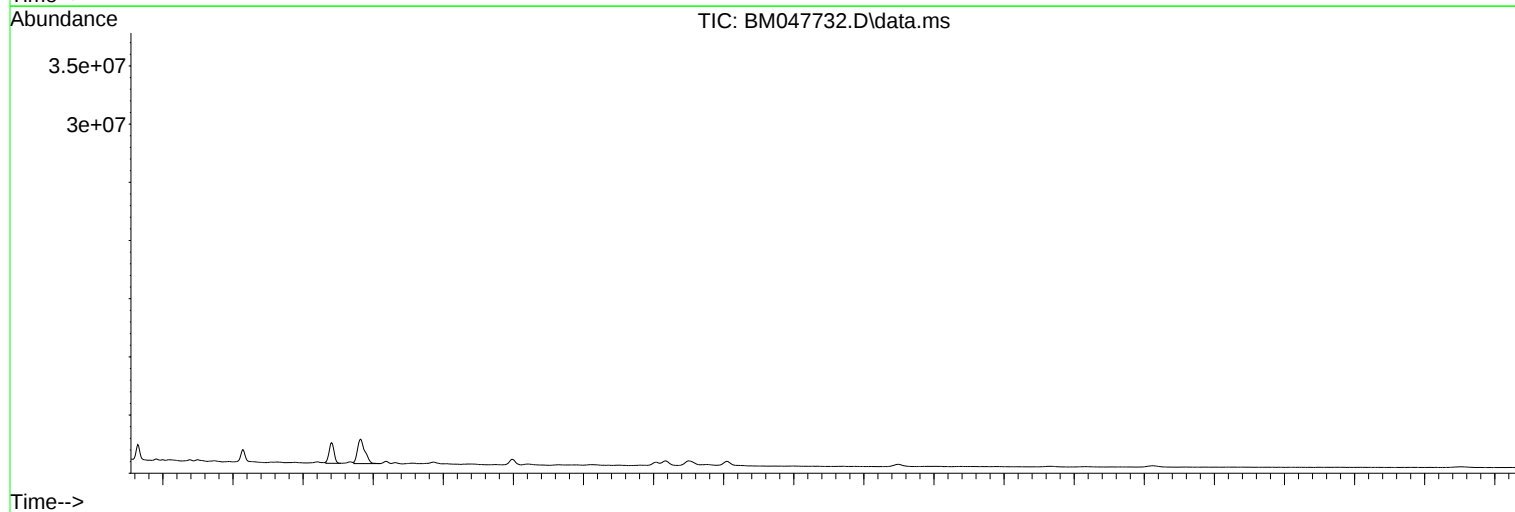
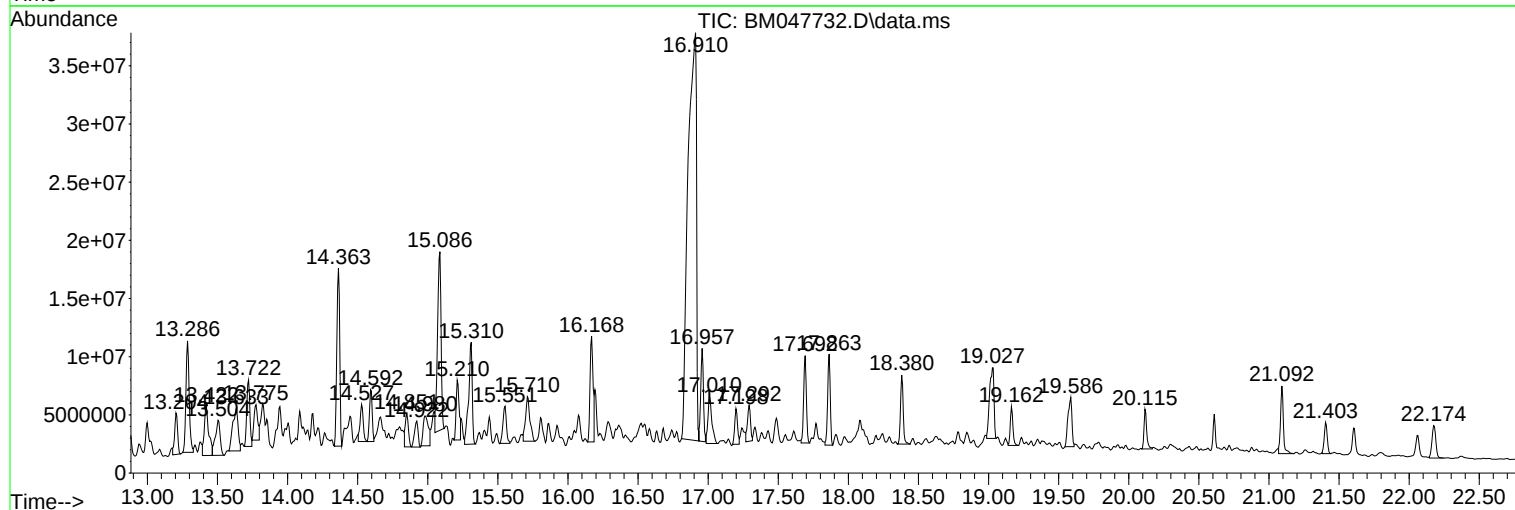
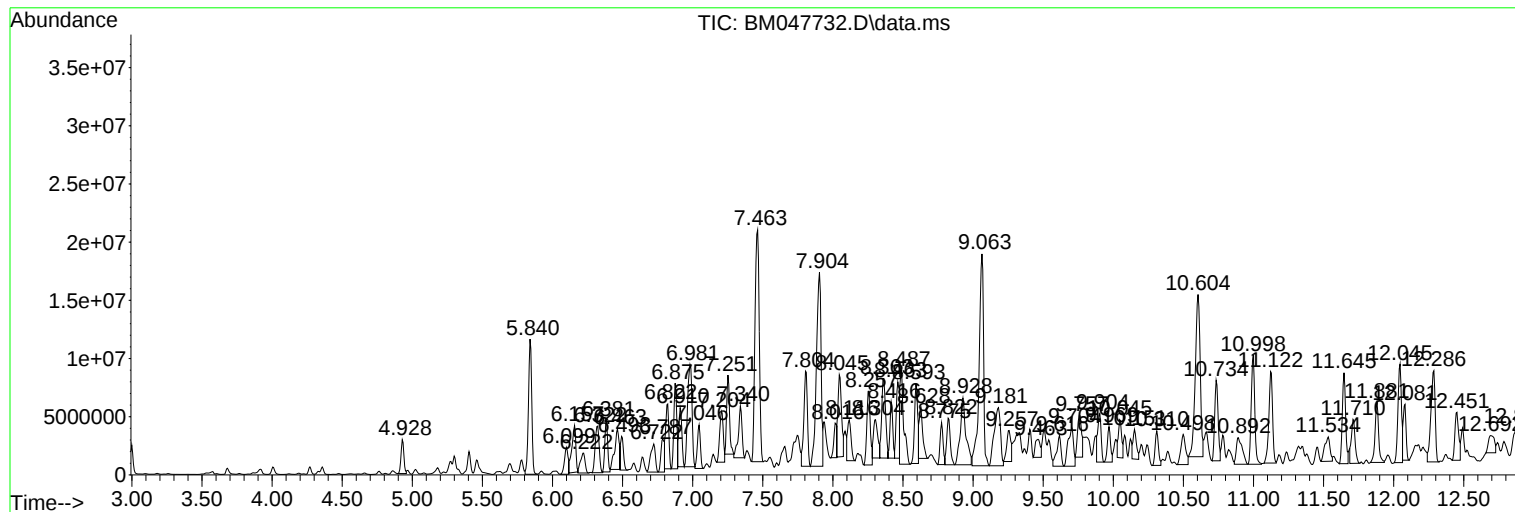
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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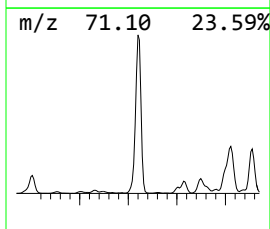
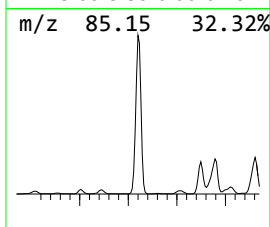
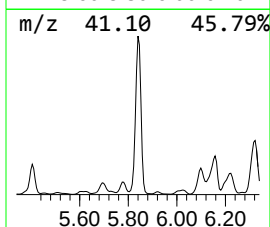
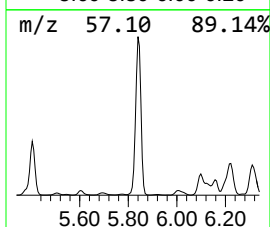
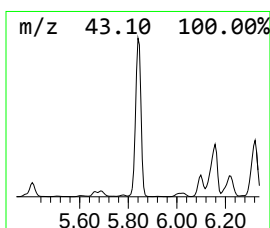
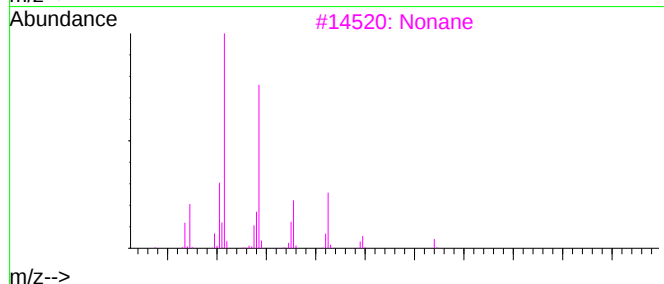
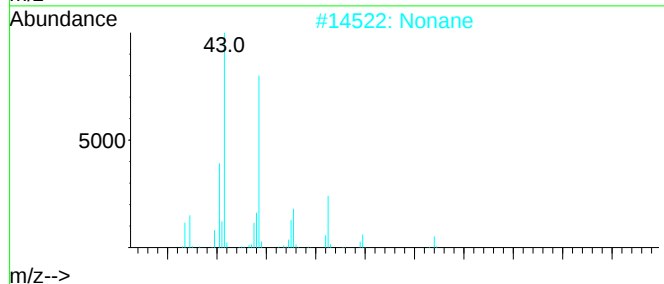
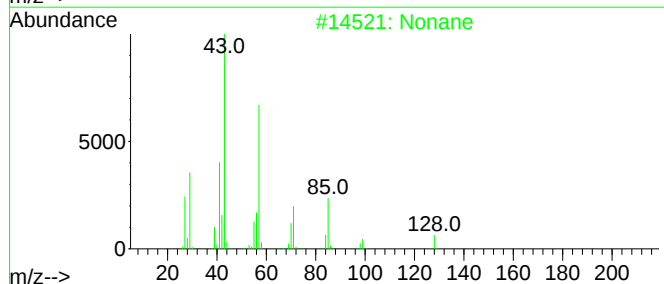
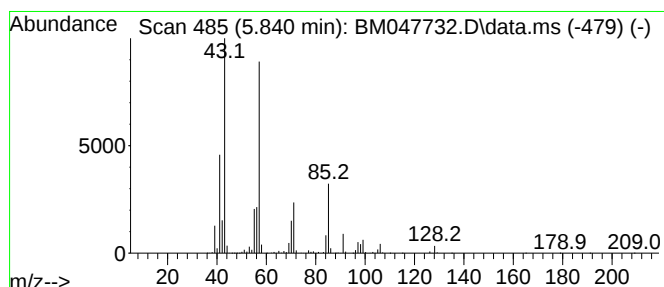
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.840	26.13 ng/ul	18677200	1,4-Dichlorobenzene-d4	7.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	86
2	Nonane			128	C9H20	000111-84-2	81
3	Nonane			128	C9H20	000111-84-2	74
4	Octane			114	C8H18	000111-65-9	58
5	Octane			114	C8H18	000111-65-9	53



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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

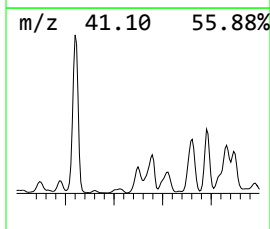
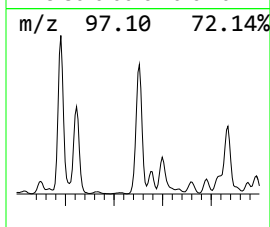
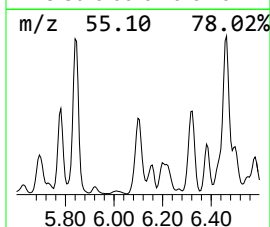
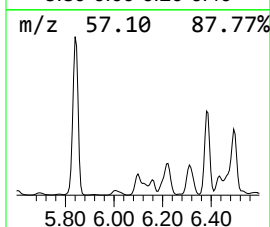
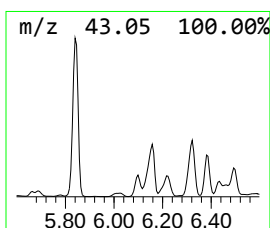
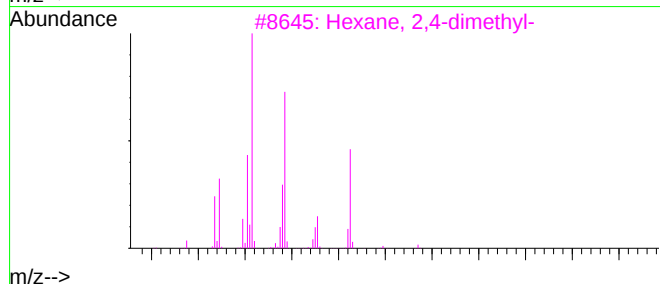
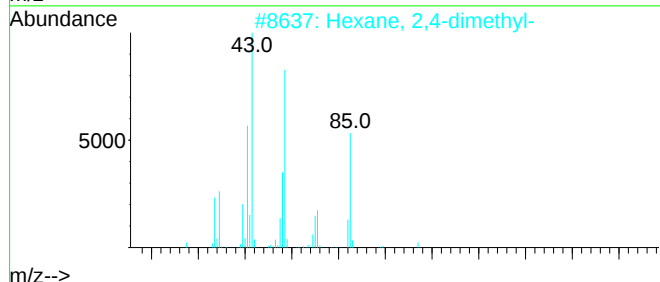
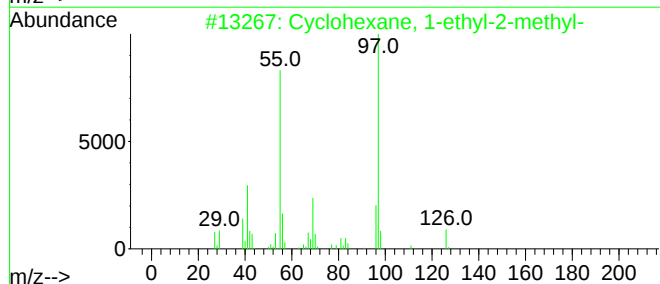
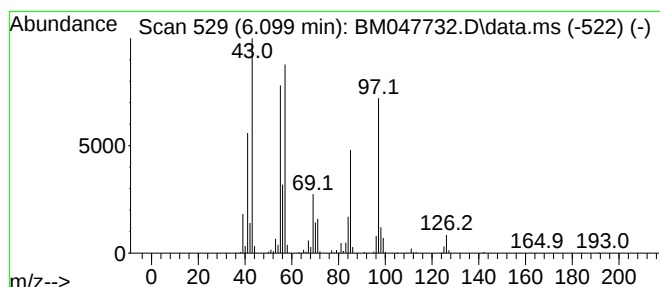
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic6.099 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.099	5.86 ng/ul	4187040	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	38
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	38
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	35



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

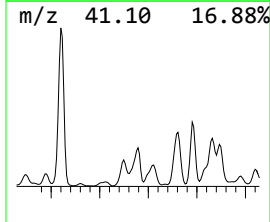
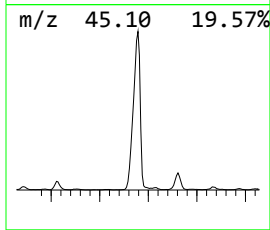
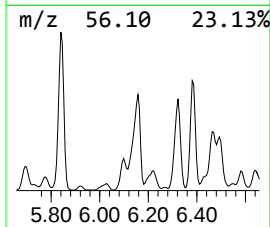
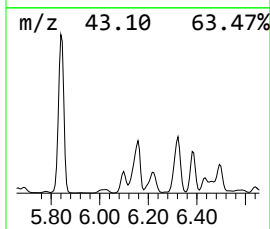
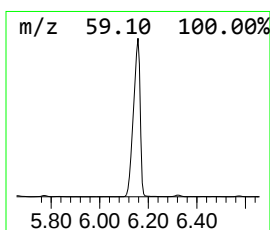
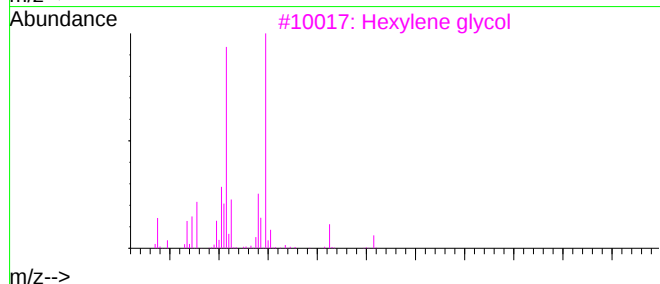
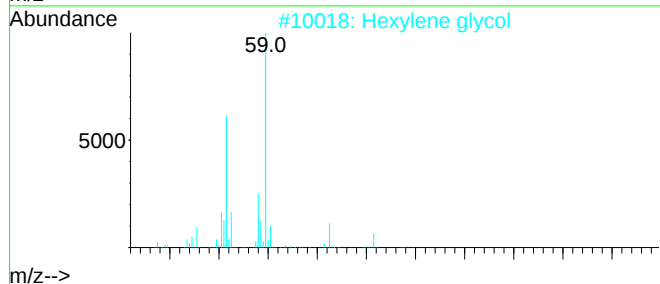
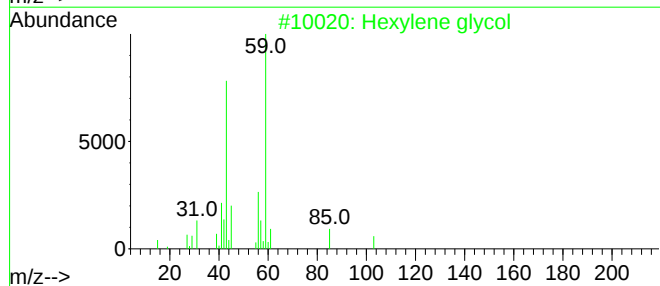
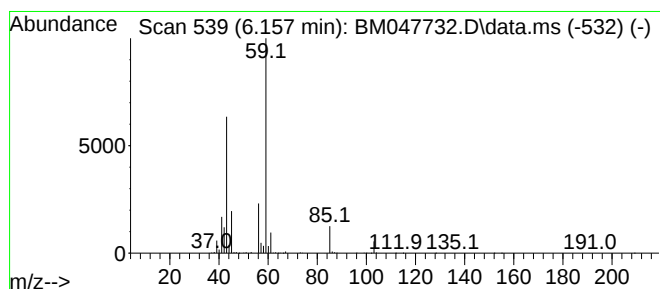
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexylene glycol Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.157	11.12 ng/ul	7946690	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene glycol	118	C6H14O2	000107-41-5	83
2	Hexylene glycol	118	C6H14O2	000107-41-5	83
3	Hexylene glycol	118	C6H14O2	000107-41-5	64
4	(R)-(-)-2-Methyl-2,4-pentanediol	118	C6H14O2	099210-90-9	53
5	Dipropylene glycol (isomer 2)	134	C6H14O3	1000506-25-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

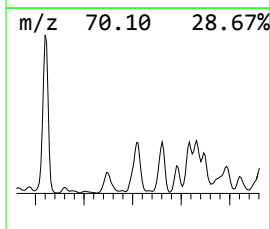
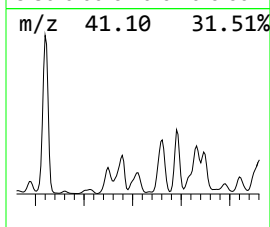
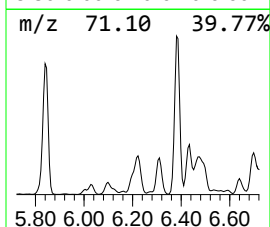
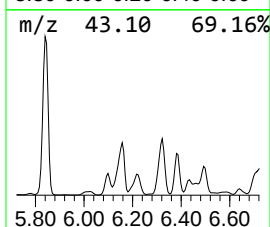
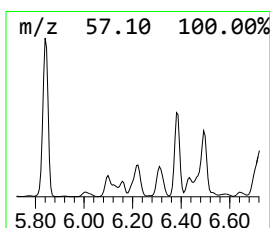
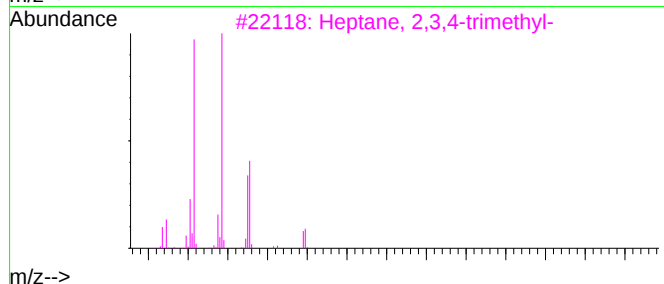
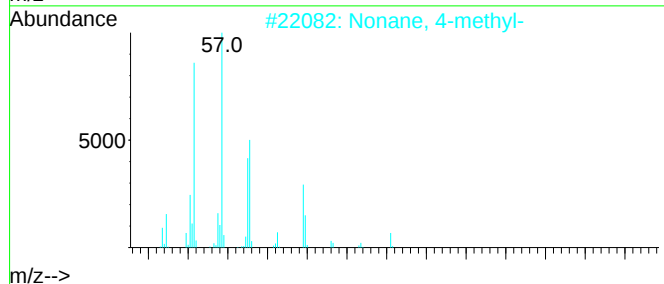
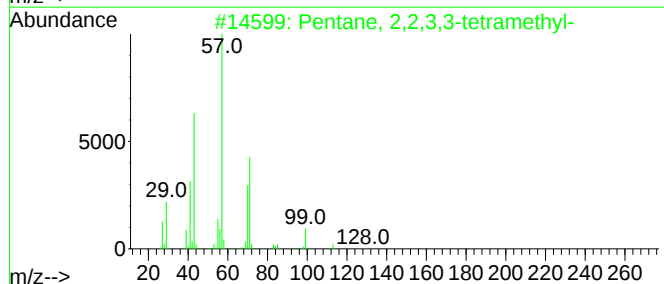
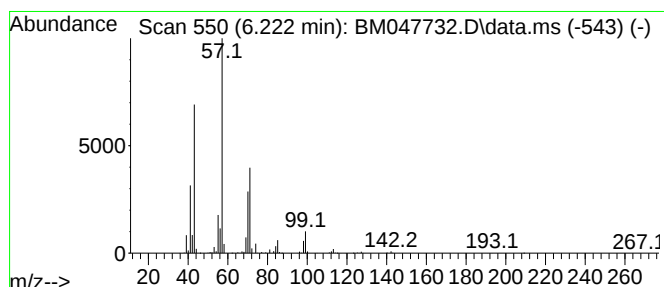
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.222	5.43 ng/ul	3883140	1,4-Dichlorobenzene-d4	7.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	78
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
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Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

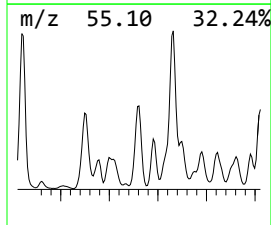
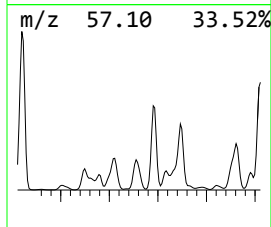
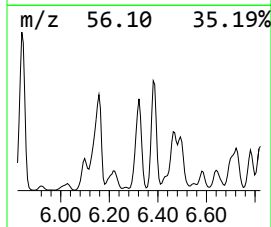
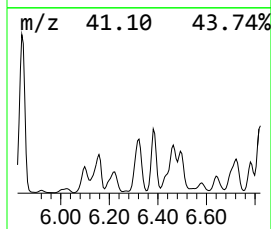
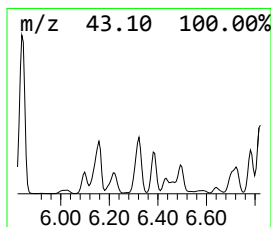
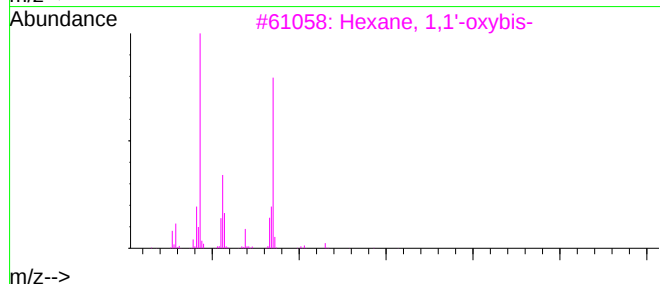
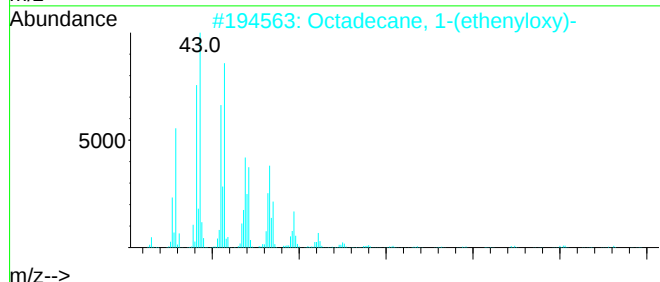
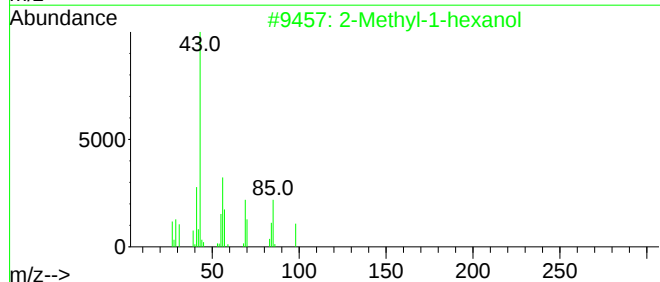
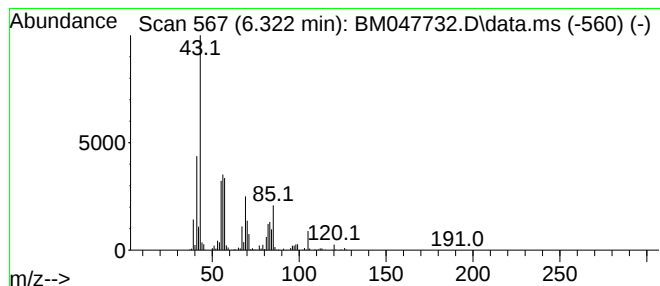
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Methyl-1-hexanol Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.322	11.21 ng/ul	8008820	1,4-Dichlorobenzene-d4	7.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-hexanol	116	C7H16O	1000427-67-0	59
2	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	53
3	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53
4	Octane	114	C8H18	000111-65-9	47
5	Octane	114	C8H18	000111-65-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

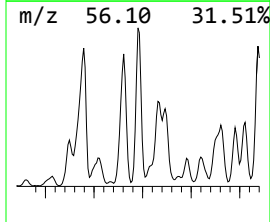
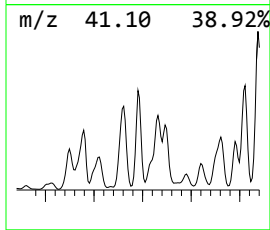
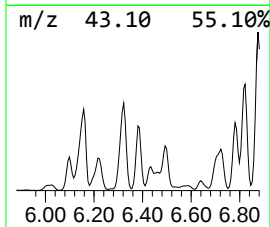
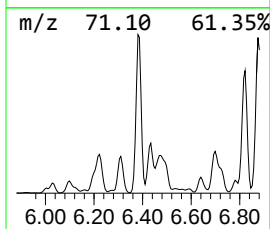
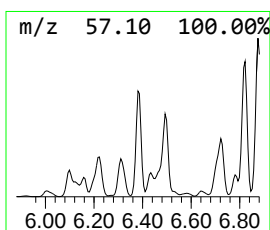
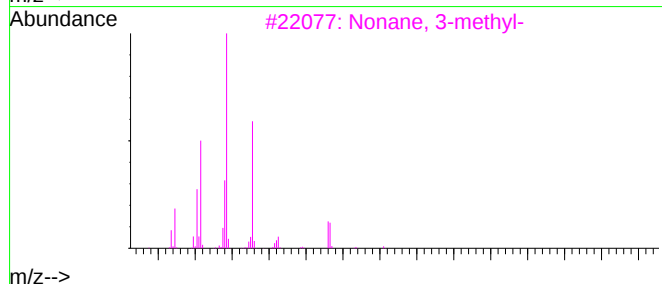
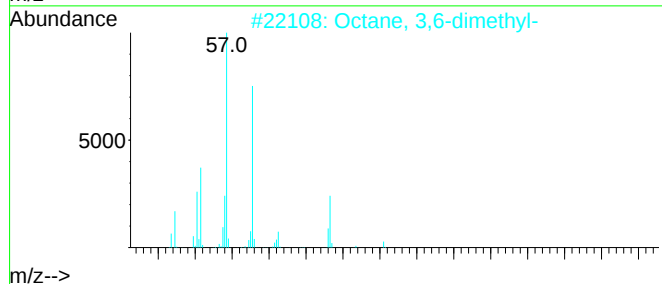
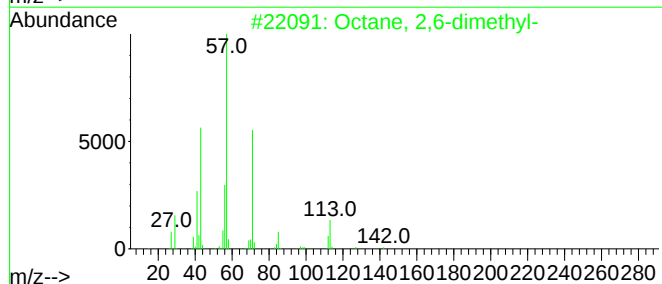
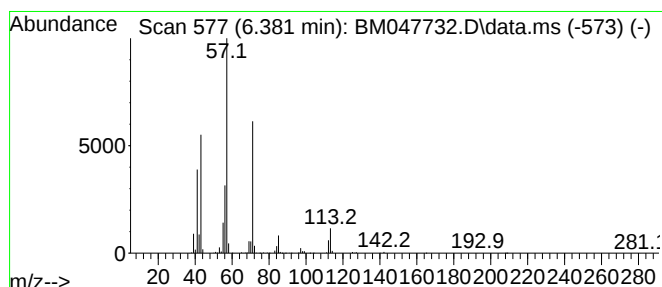
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.381	8.98 ng/ul	6421560	1,4-Dichlorobenzene-d4	7.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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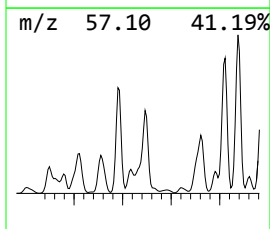
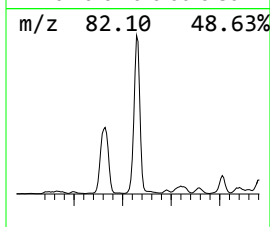
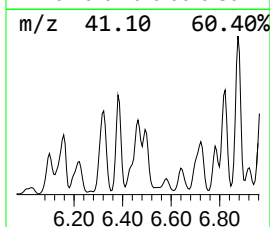
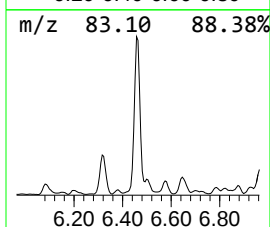
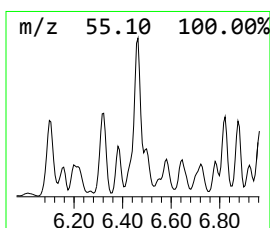
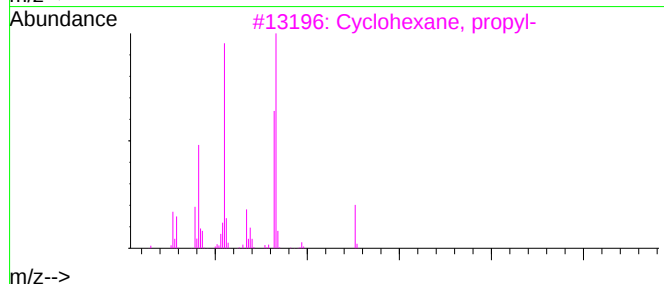
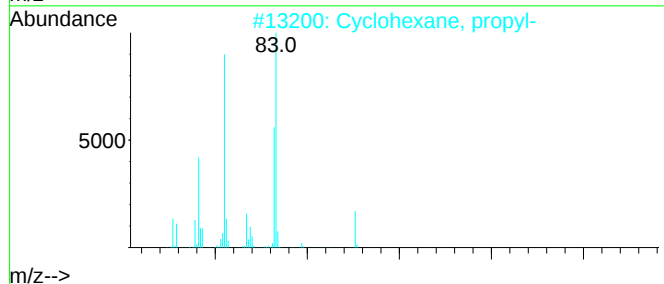
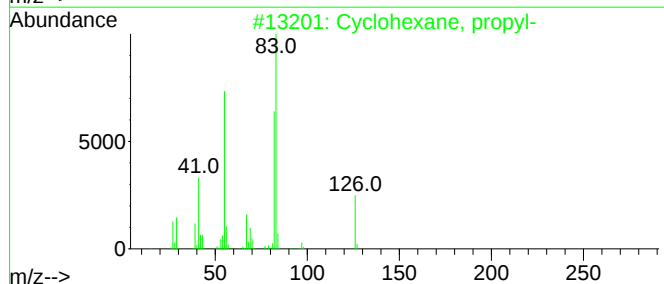
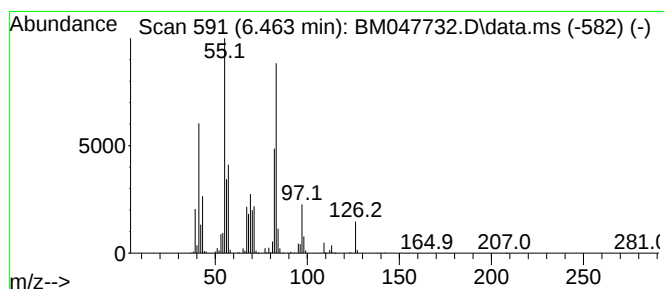
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Cyclic6.463 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.463	11.10 ng/ul	7934210	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	52
4	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	38
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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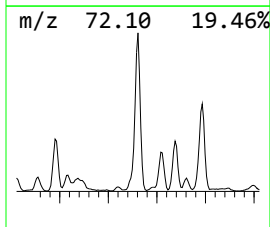
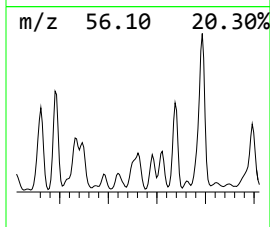
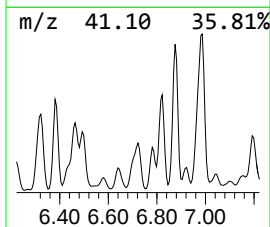
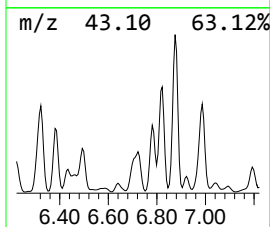
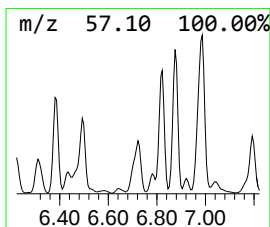
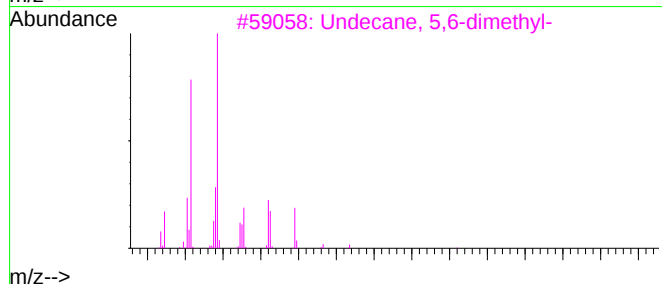
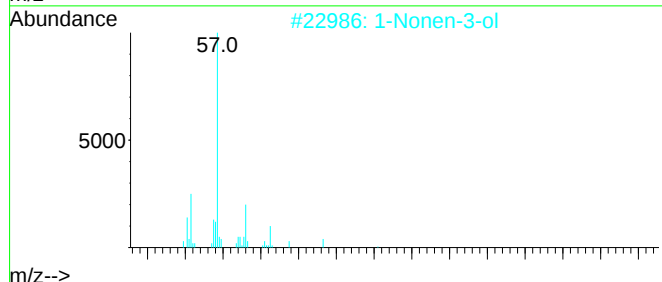
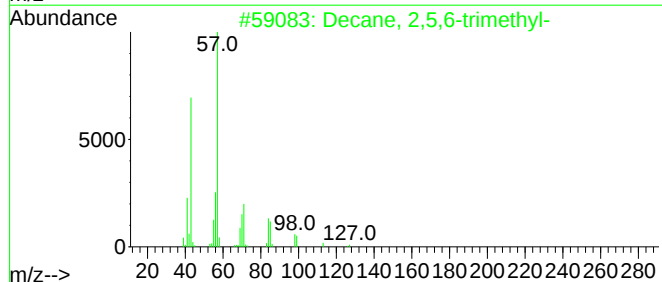
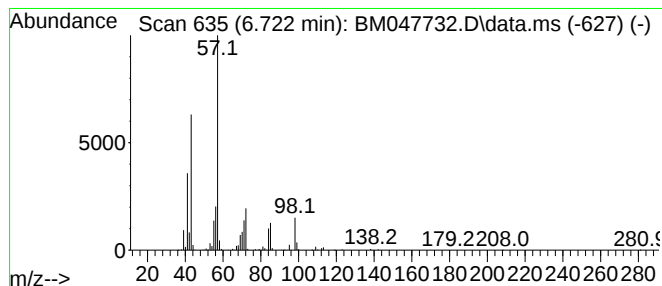
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.722	7.87 ng/ul	5621520	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	49
2	1-Nonen-3-ol	142	C9H18O	021964-44-3	47
3	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	47
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
5	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

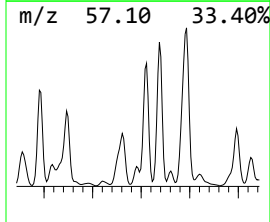
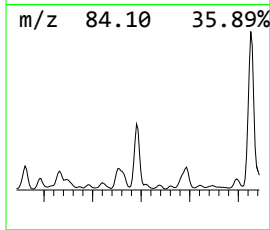
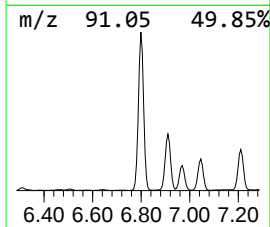
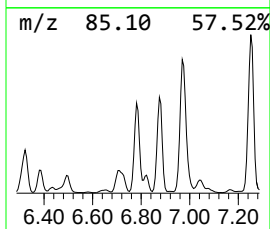
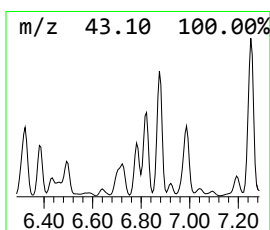
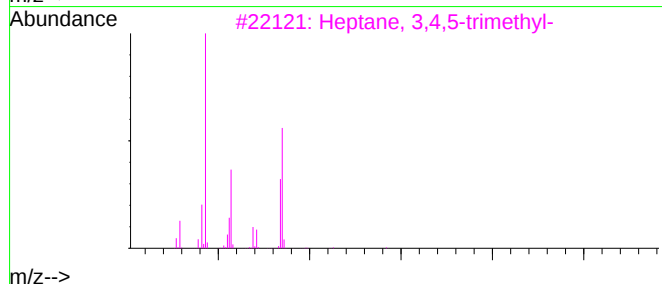
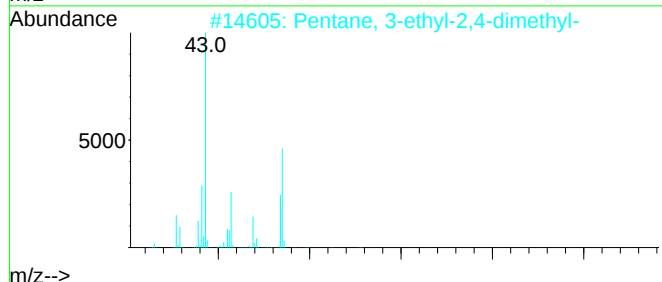
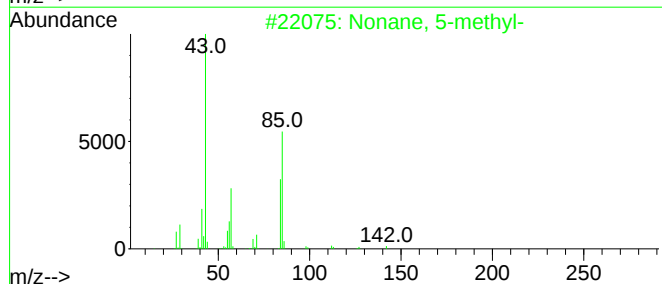
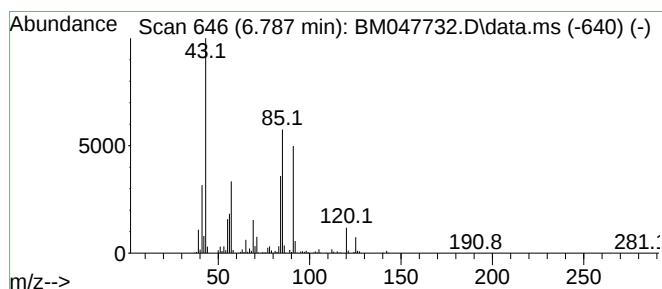
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.787	6.98 ng/ul	4991170	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-methyl-	142	C10H22	015869-85-9	76
2	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	58
5	Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

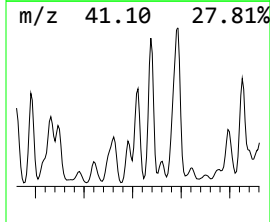
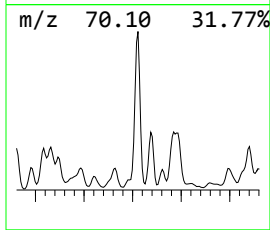
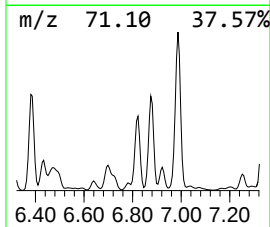
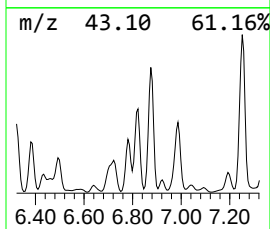
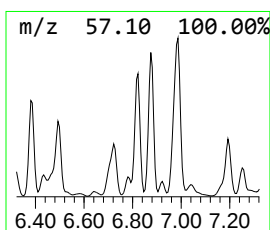
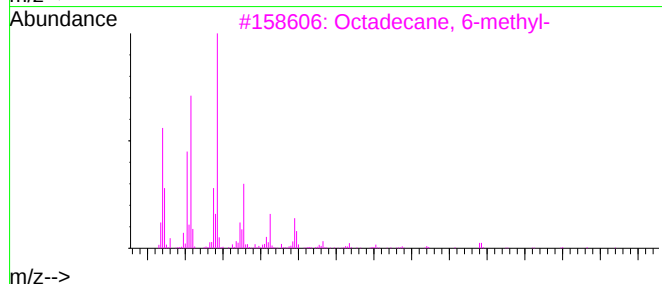
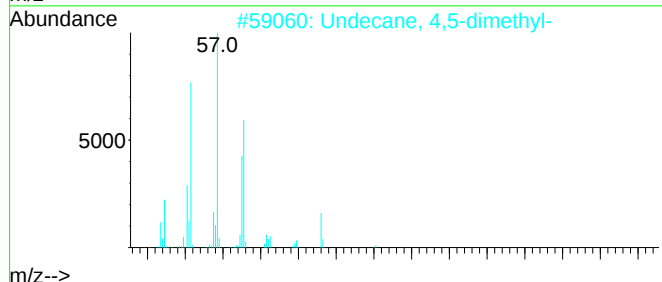
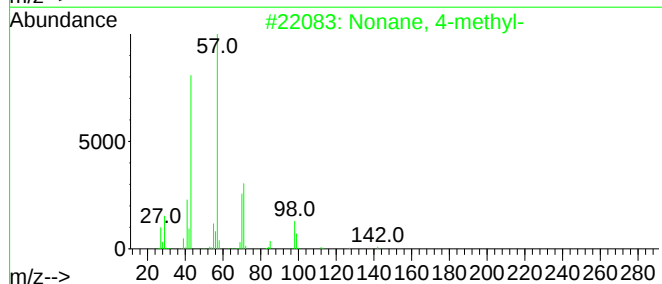
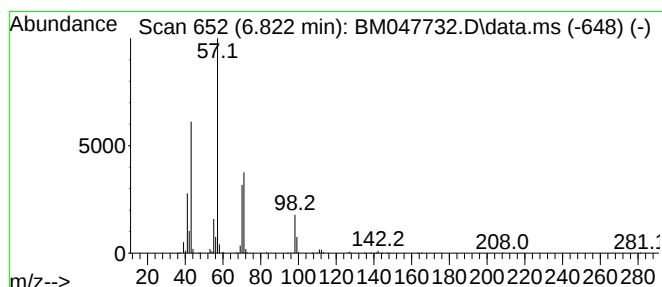
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.822	12.13 ng/ul	8672190	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59
3	Octadecane, 6-methyl-	268	C19H40	010544-96-4	53
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	53
5	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

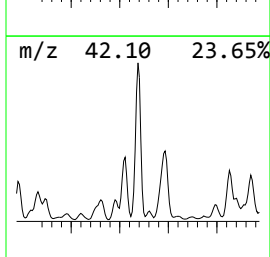
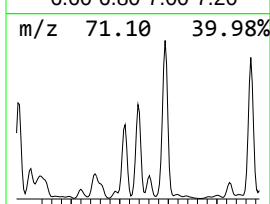
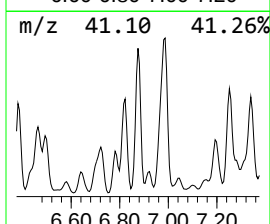
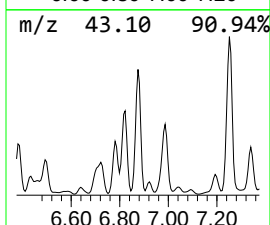
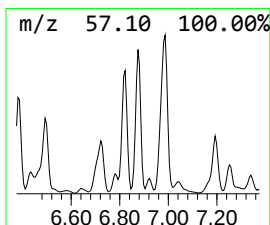
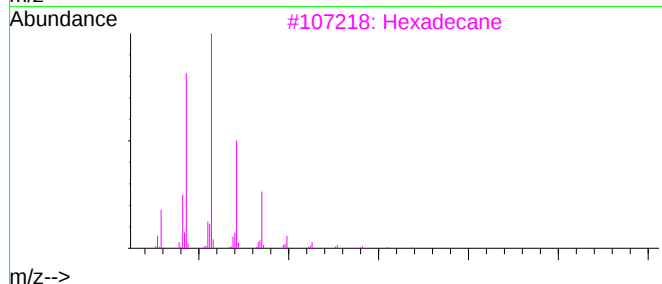
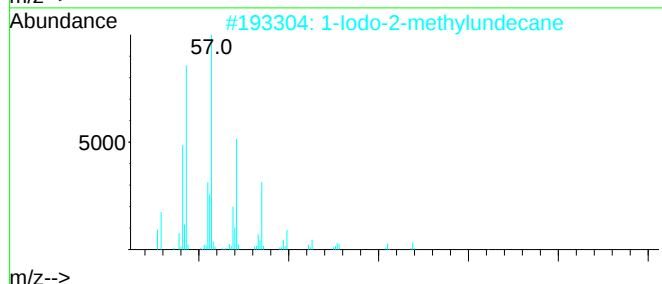
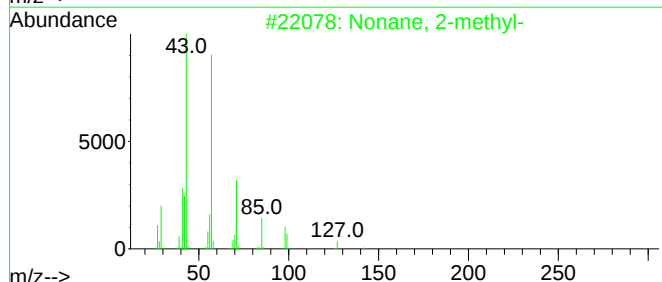
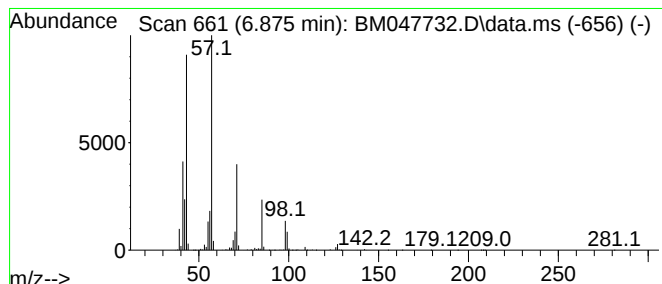
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.875	15.03 ng/ul	10740000	1,4-Dichlorobenzene-d4	7.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	91
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
3	Hexadecane	226	C16H34	000544-76-3	64
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
5	Decane, 2-methyl-	156	C11H24	006975-98-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

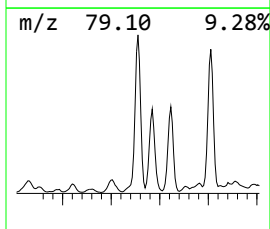
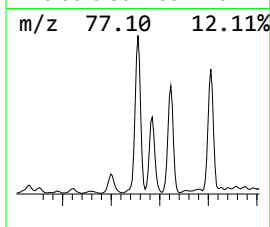
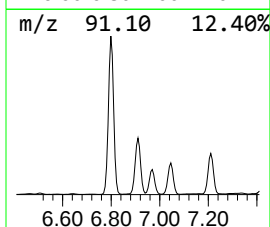
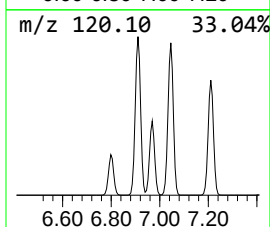
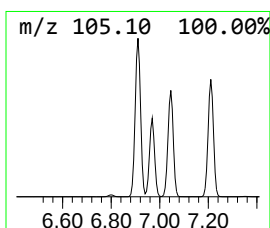
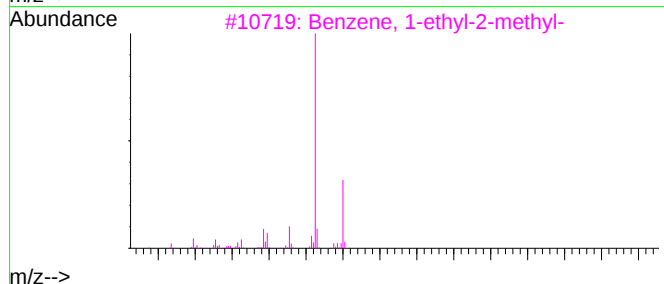
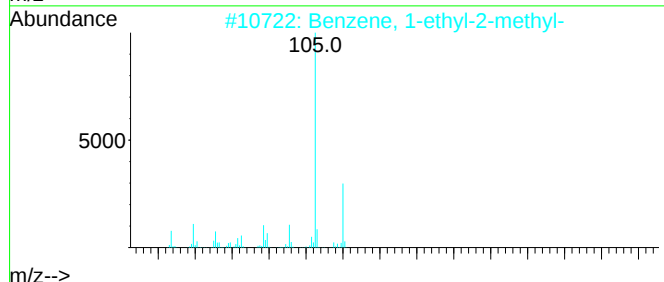
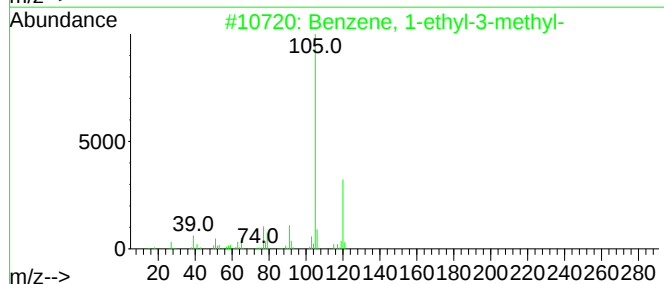
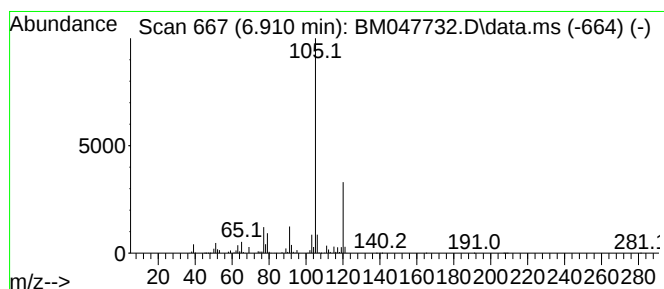
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 1-ethyl-3-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.910	10.65 ng/ul	7610560	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

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Quant Title : SVOA CALIBRATION

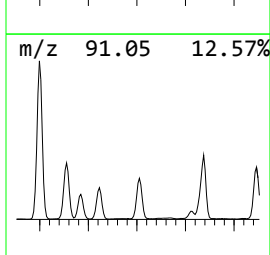
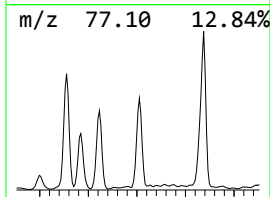
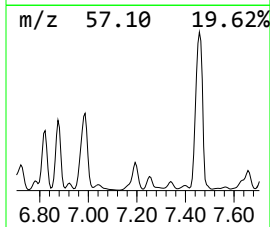
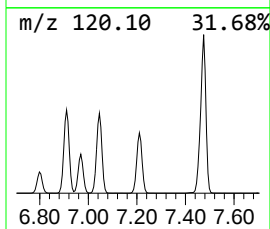
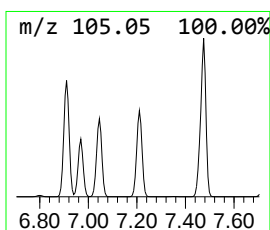
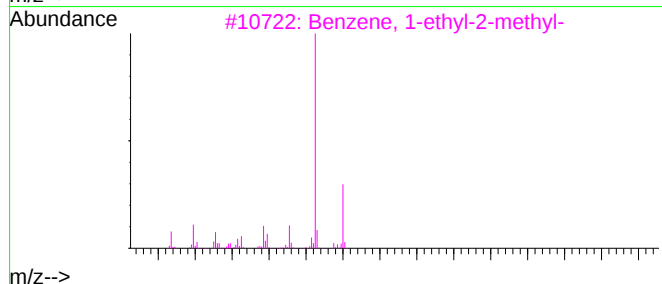
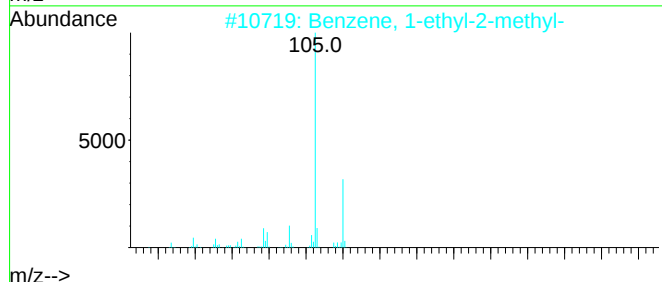
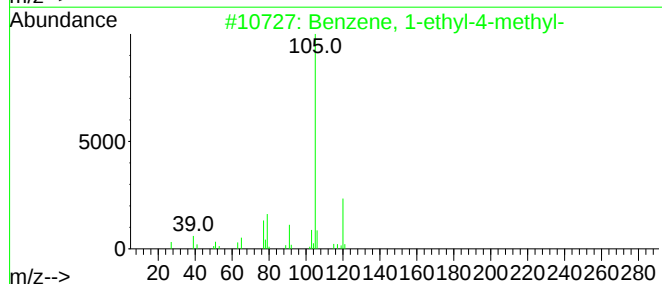
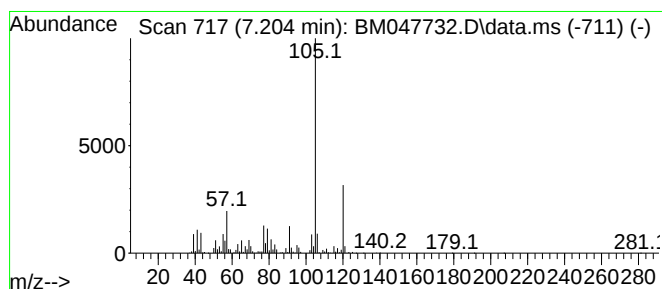
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzene, 1-ethyl-4-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.204	11.02 ng/ul	7877730	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Mesitylene	120	C9H12	000108-67-8	90
5	Mesitylene	120	C9H12	000108-67-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

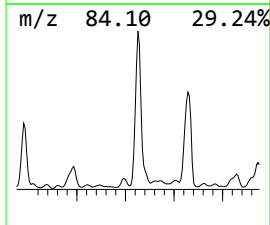
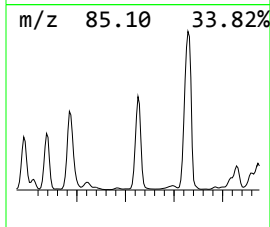
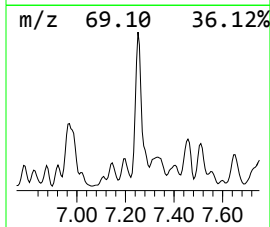
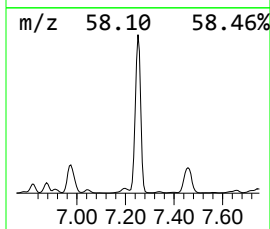
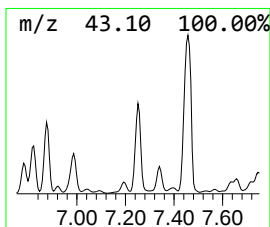
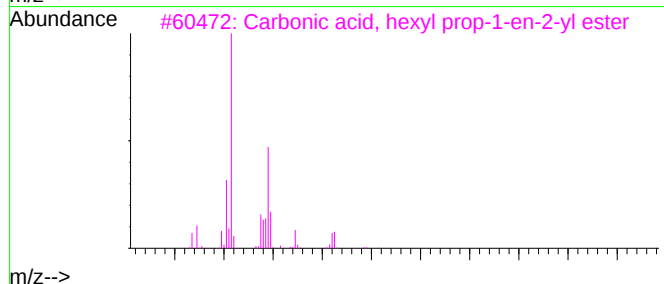
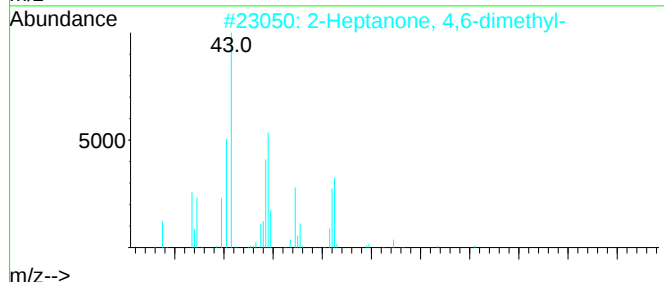
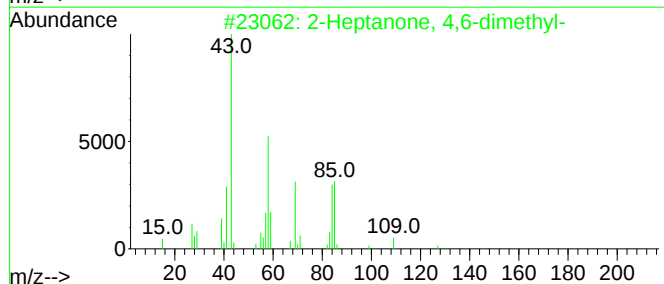
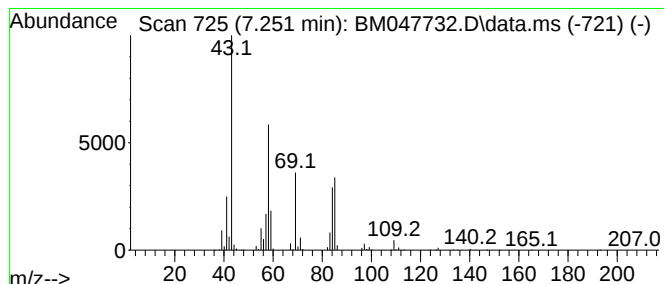
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 17 2-Heptanone, 4,6-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.251	13.69 ng/ul	9783670	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	56
3	Carbonic acid, hexyl prop-1-en-2...	186	C10H18O3	1000382-54-2	50
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	43
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

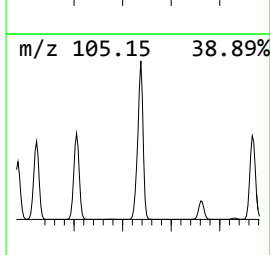
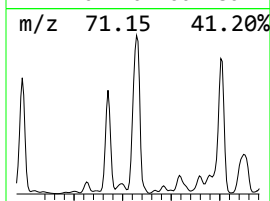
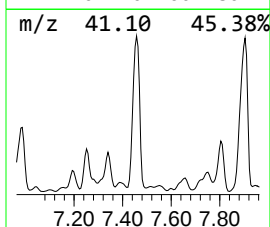
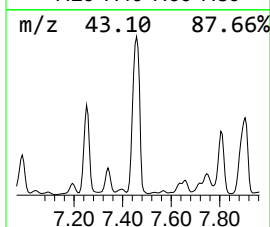
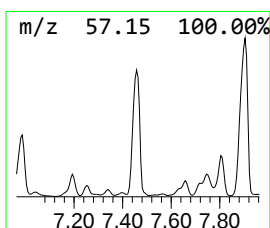
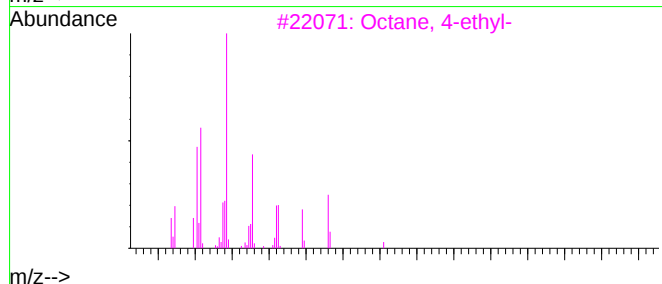
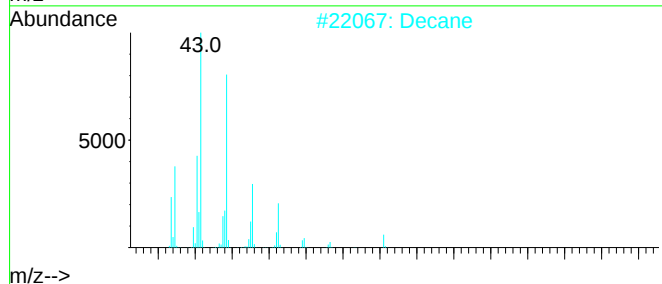
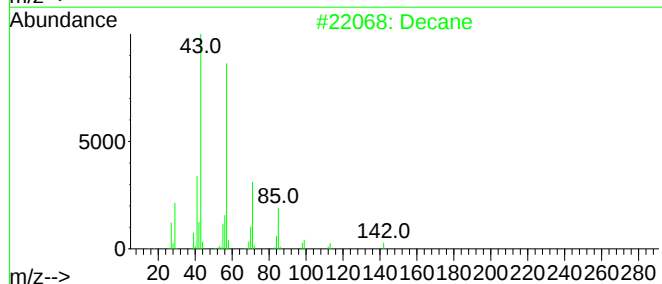
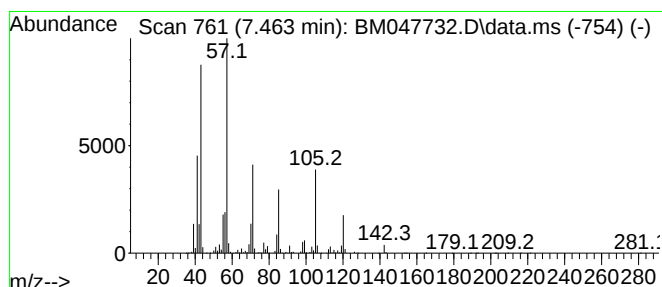
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.463	59.02 ng/ul	42183300	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	89
2	Decane	142	C10H22	000124-18-5	64
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	58
4	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	53
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

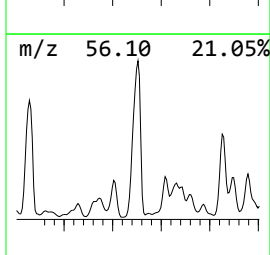
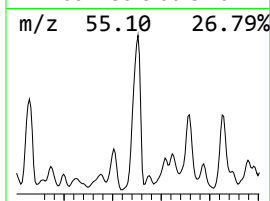
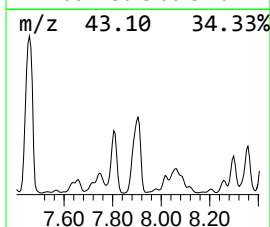
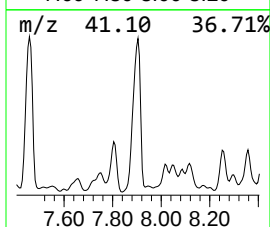
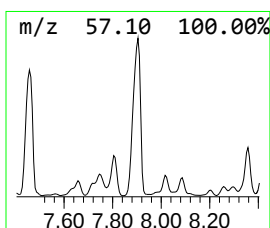
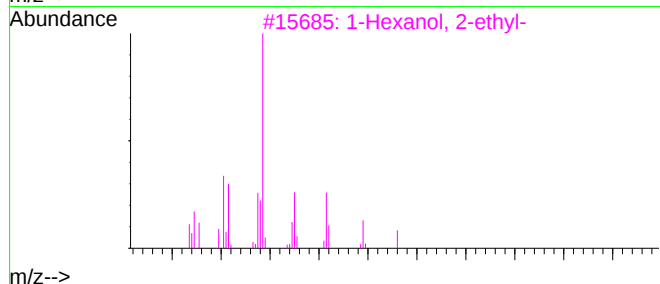
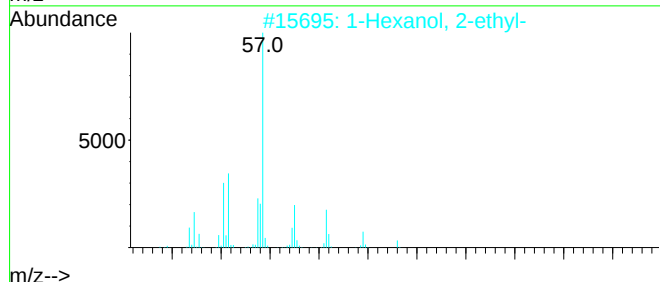
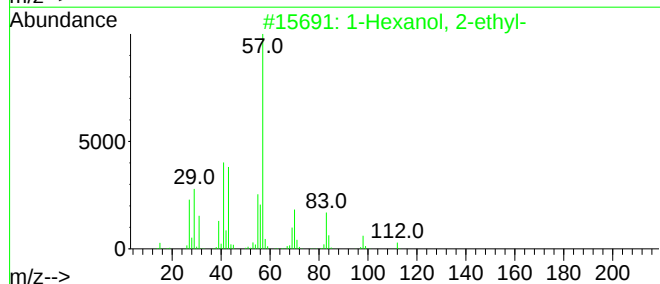
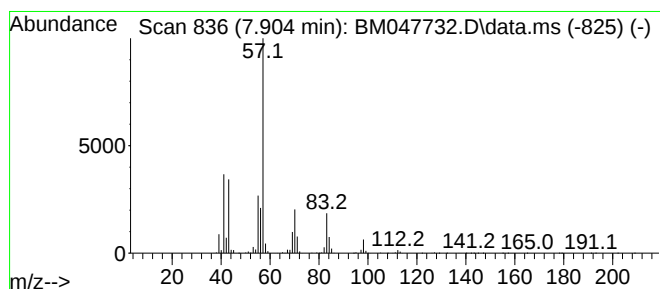
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.904	53.75 ng/ul	38419200	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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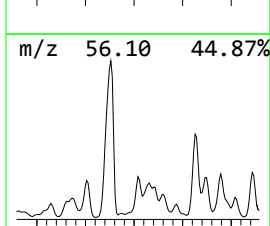
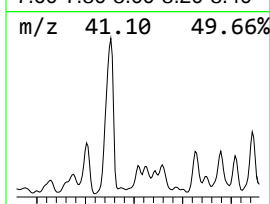
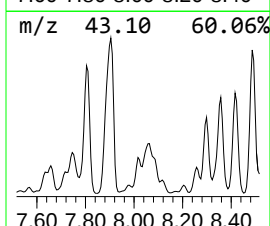
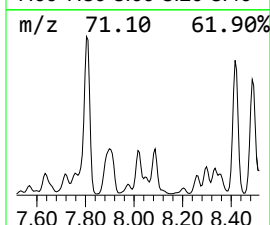
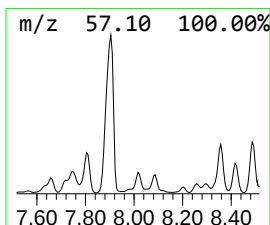
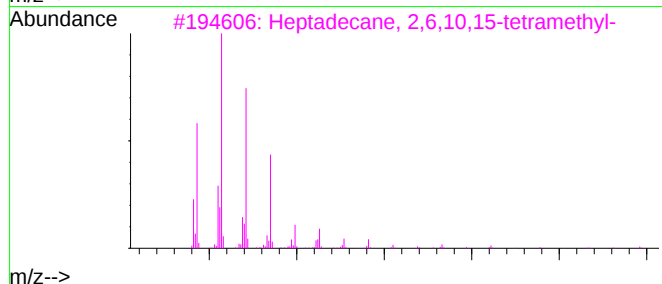
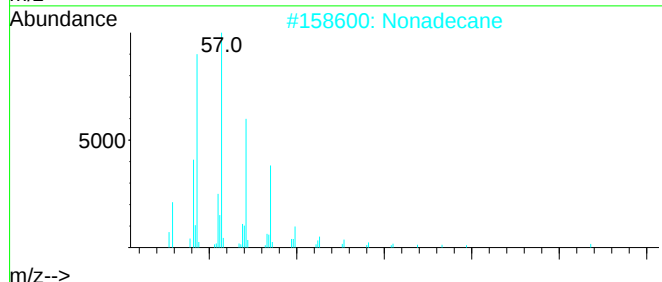
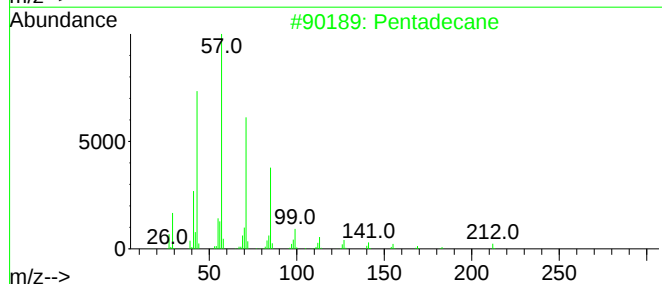
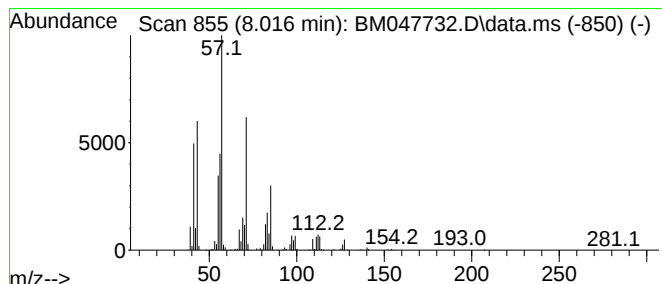
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.016	6.26 ng/ul	4476300	1,4-Dichlorobenzene-d4	7.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	58
2	Nonadecane	268	C19H40	000629-92-5	58
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
4	Tetratetracontane	619	C44H90	007098-22-8	53
5	Heneicosane	296	C21H44	000629-94-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

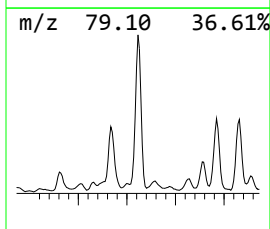
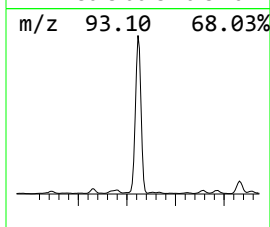
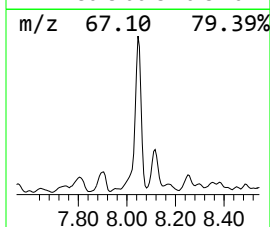
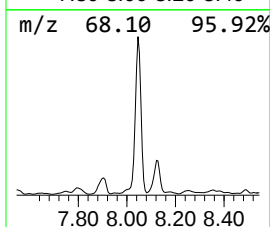
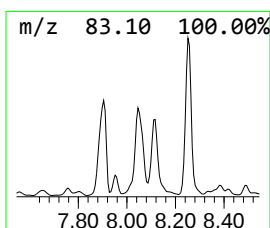
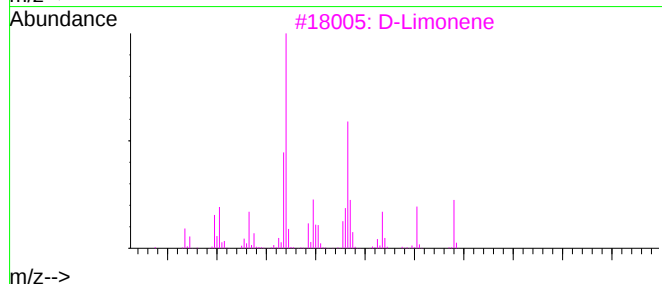
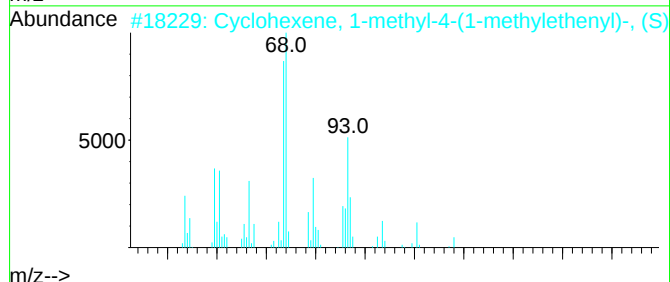
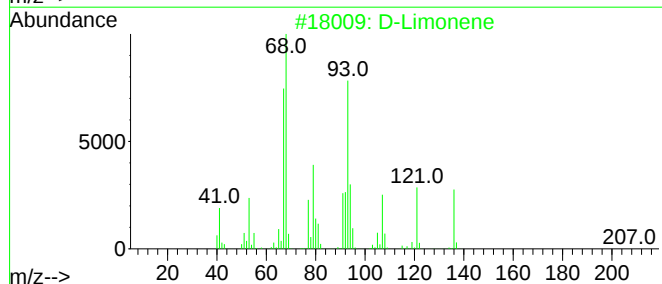
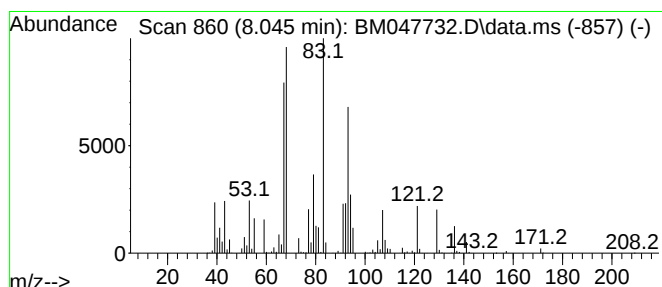
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 21 D-Limonene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.045	17.60 ng/ul	12577100	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	98
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	95
3	D-Limonene	136	C10H16	005989-27-5	90
4	Limonene	136	C10H16	000138-86-3	78
5	Limonene	136	C10H16	000138-86-3	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

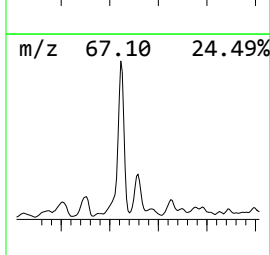
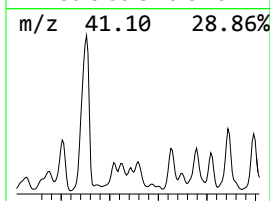
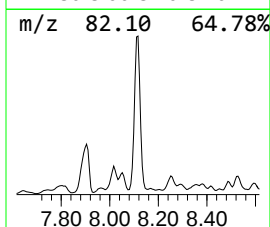
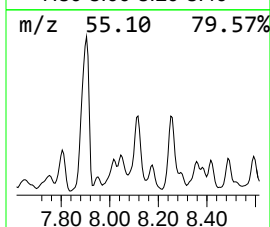
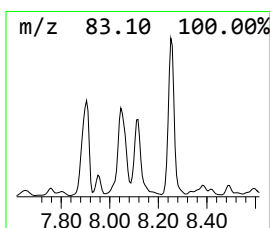
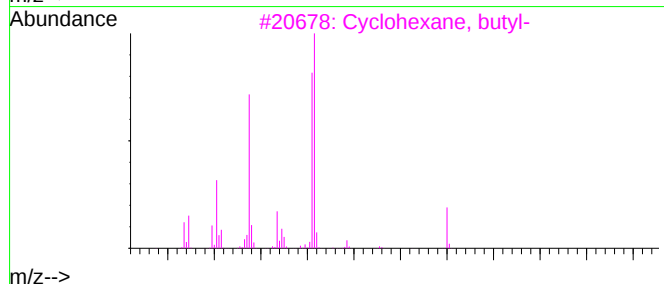
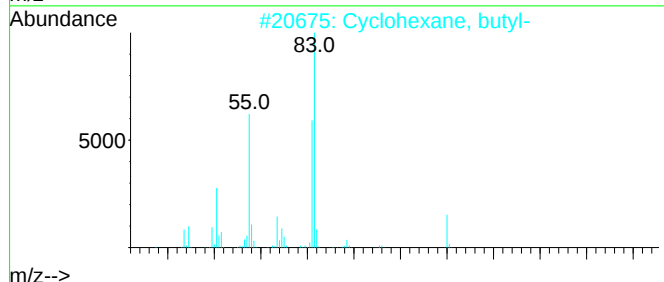
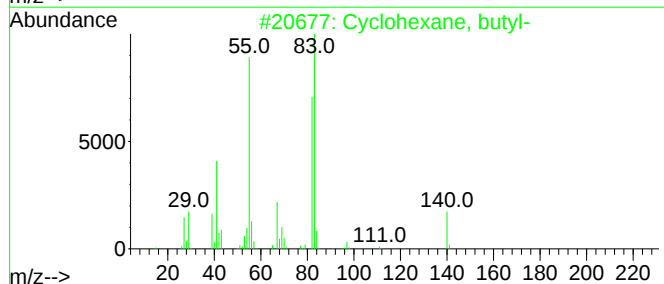
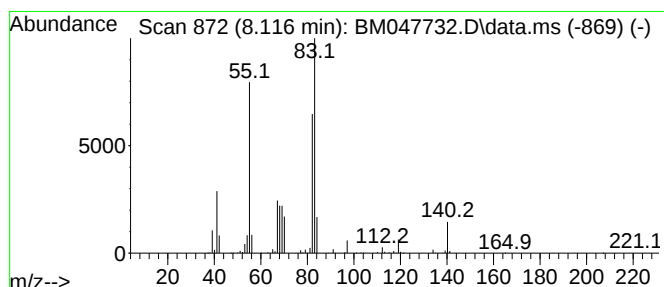
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Cyclic8.116 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.116	8.26 ng/ul	5903970	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	74
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5	Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

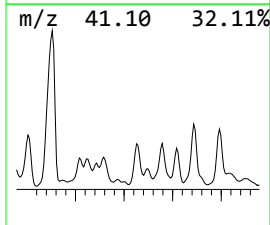
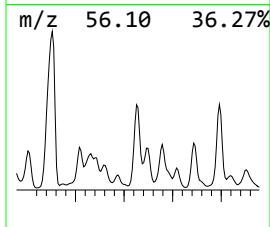
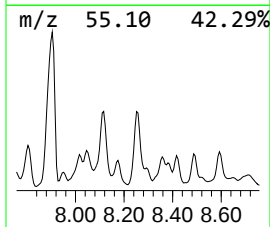
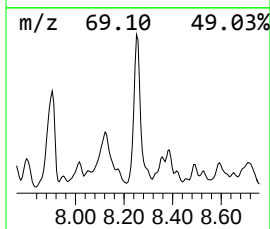
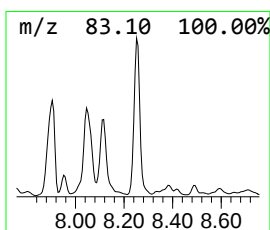
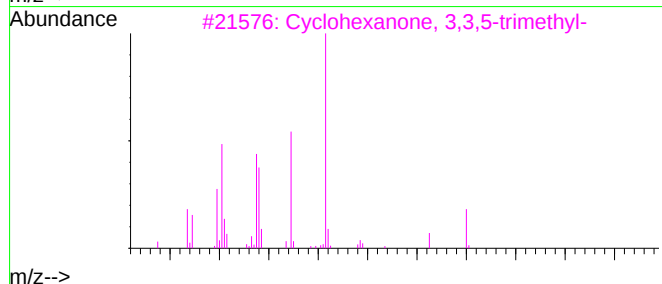
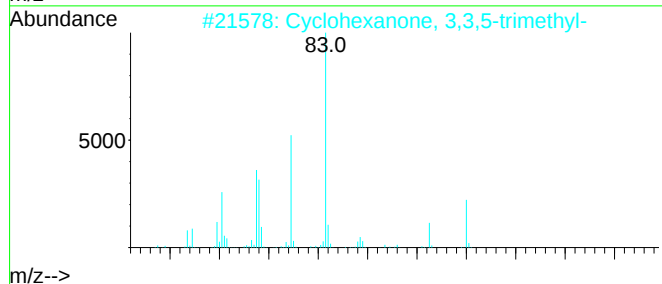
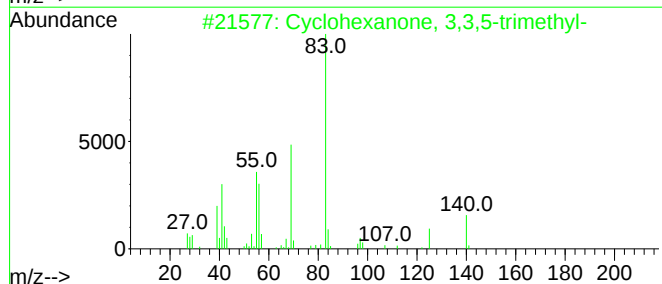
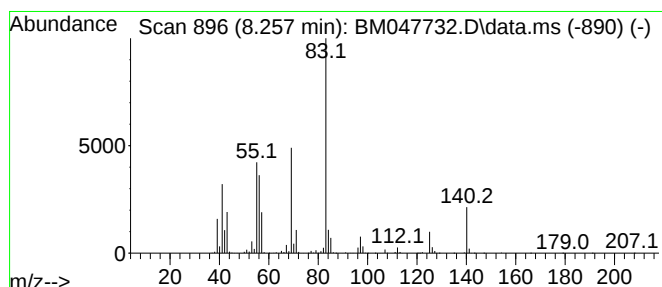
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 23 Cyclohexanone, 3,3,5-trimet... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.257	15.95 ng/ul	11403000	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	93
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	90
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
5	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

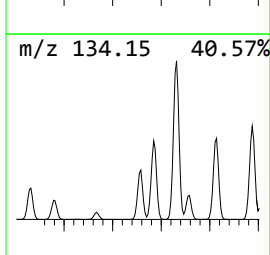
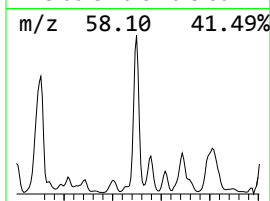
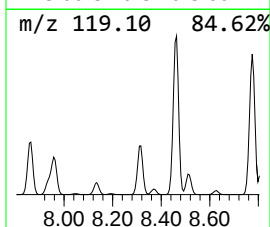
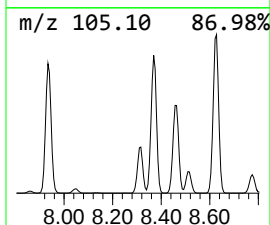
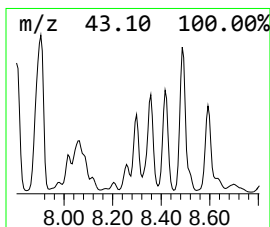
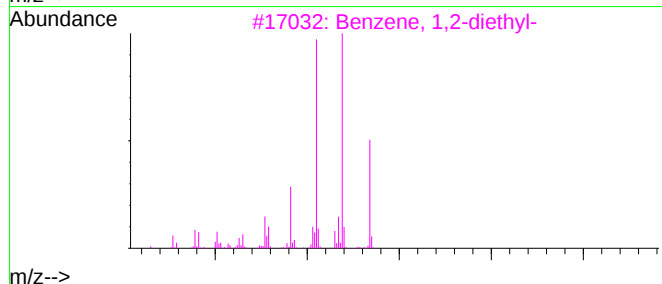
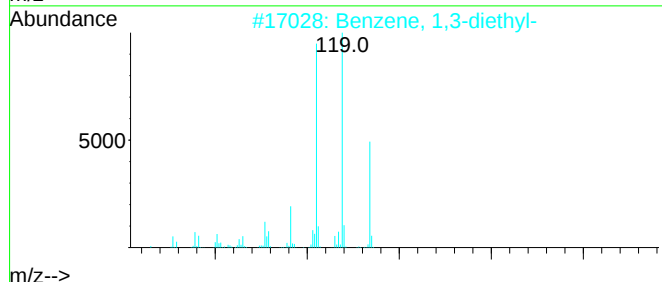
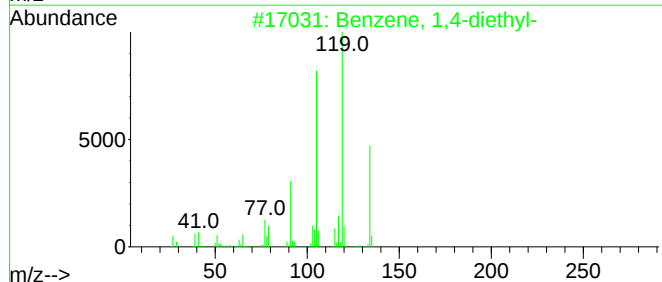
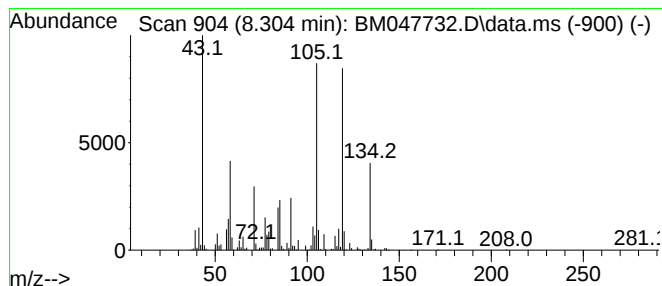
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 24 Benzene, 1,4-diethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.304	9.95 ng/ul	7113500	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	92
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	92
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	92
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

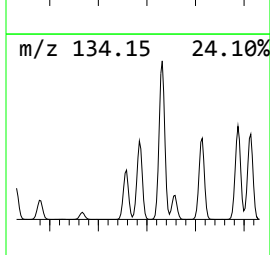
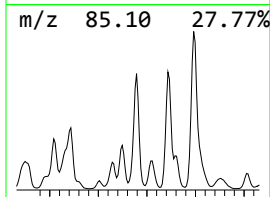
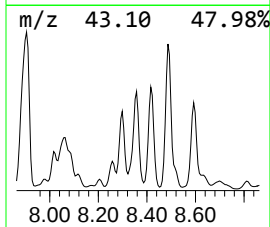
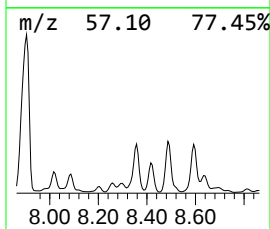
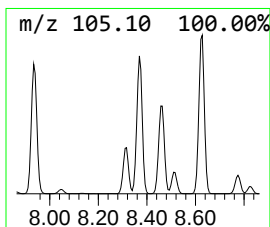
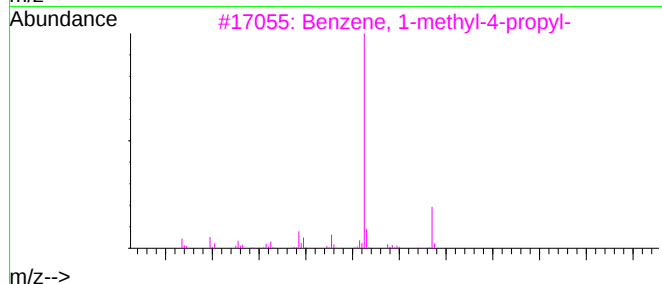
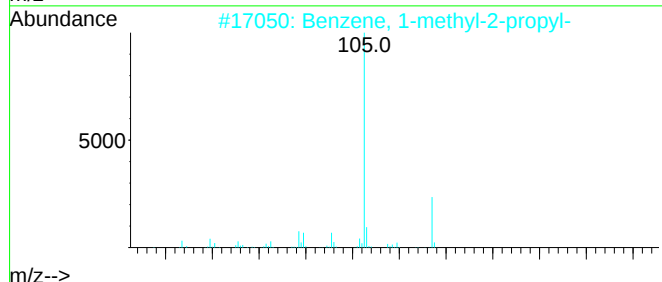
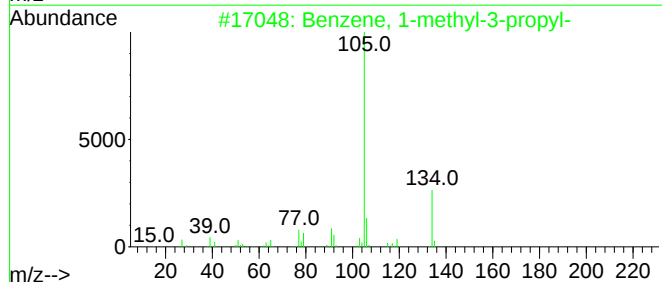
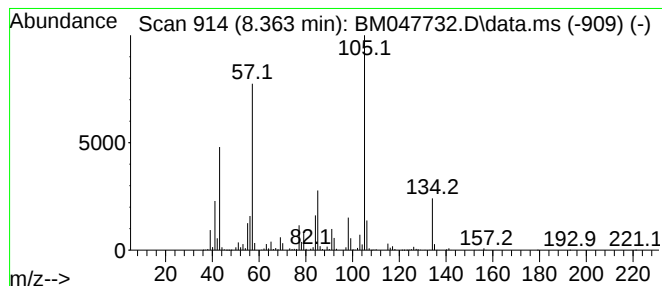
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 25 Benzene, 1-methyl-3-propyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	18.81 ng/ul	13444700	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	46
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

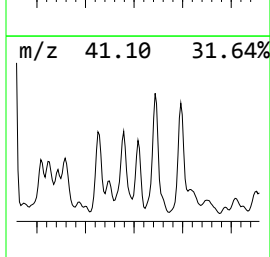
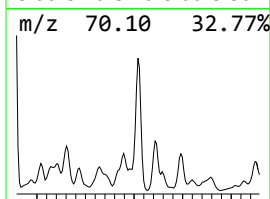
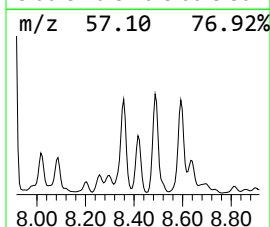
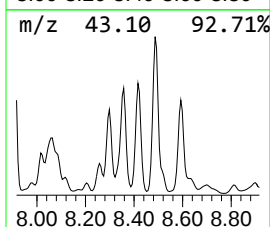
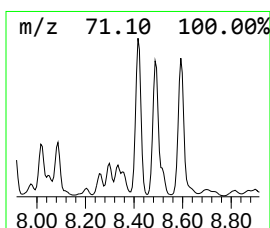
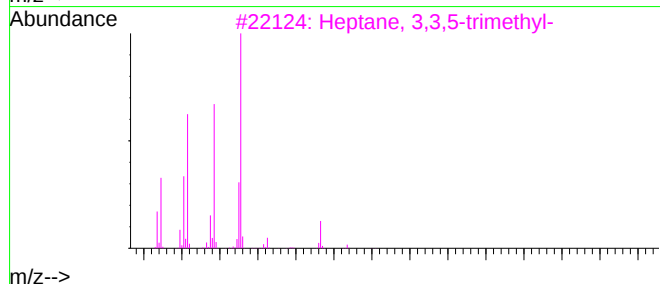
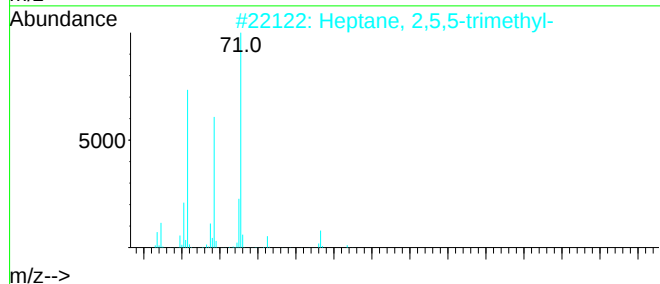
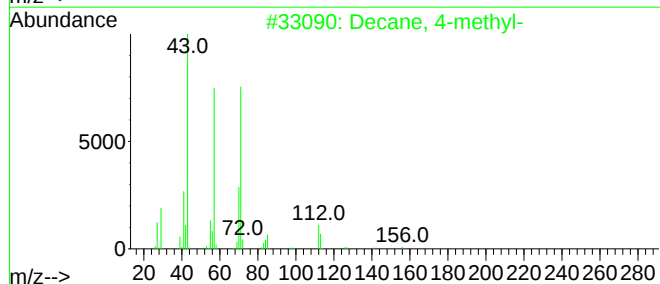
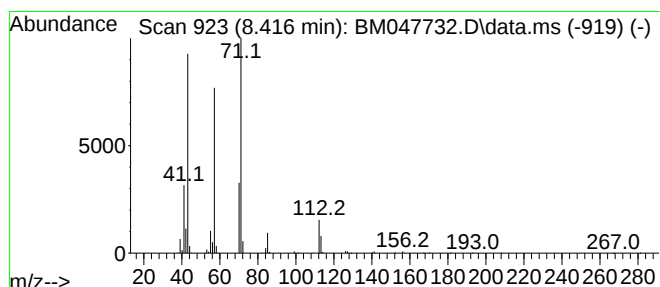
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.416	9.42 ng/ul	6735960	1,4-Dichlorobenzene-d4	7.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	91
2			Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	78
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

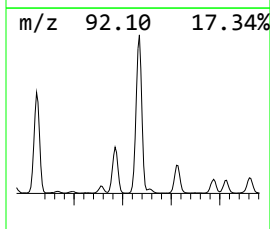
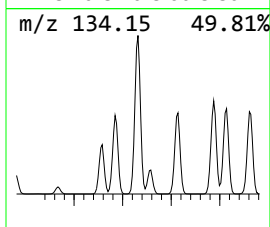
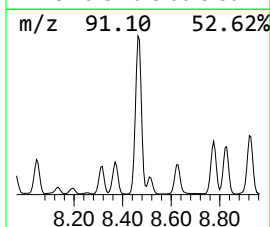
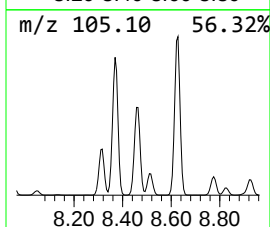
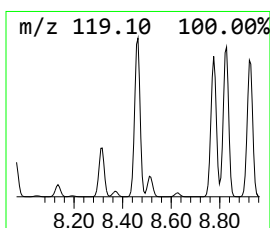
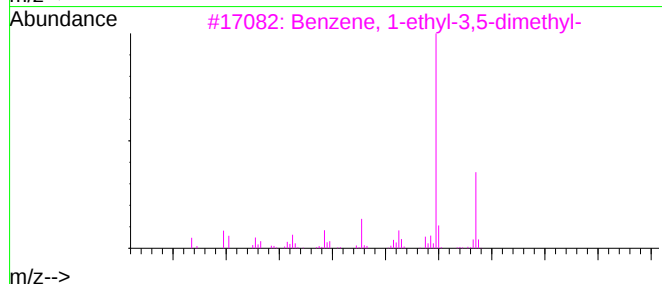
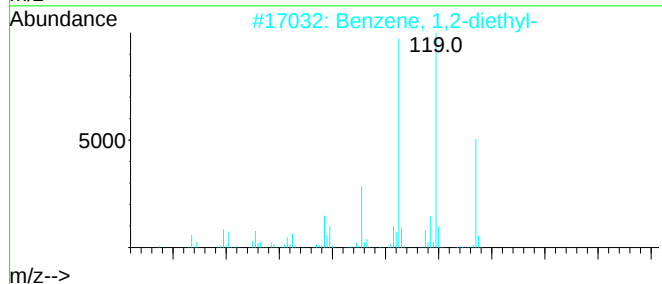
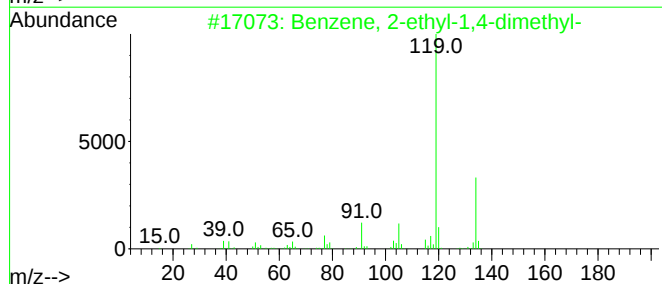
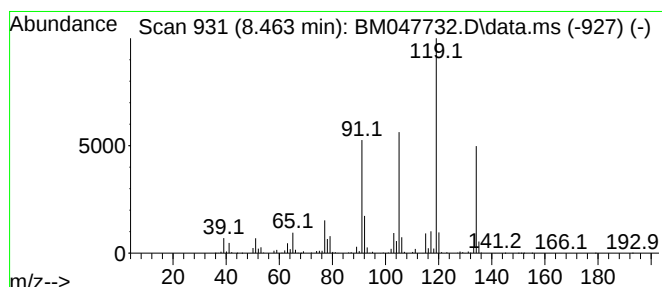
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 27 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.463	14.61 ng/ul	10440400	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	92
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

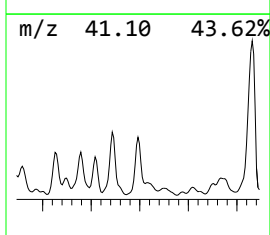
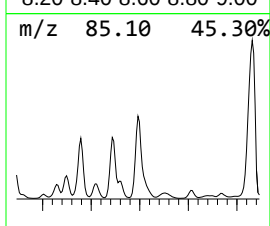
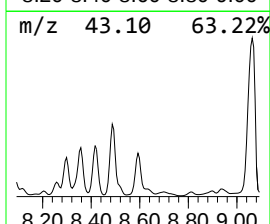
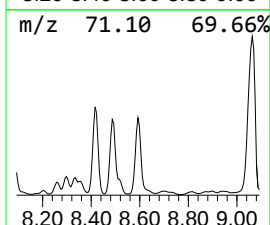
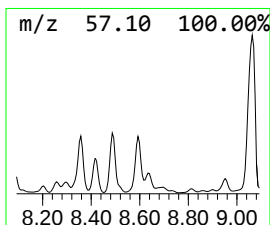
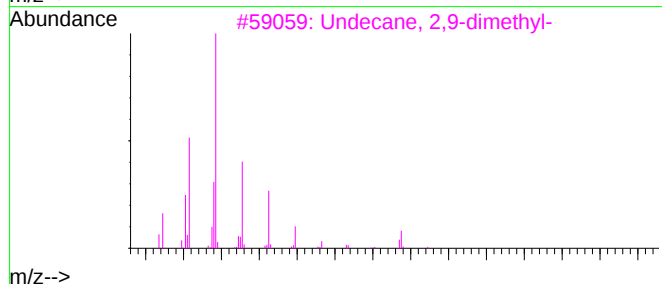
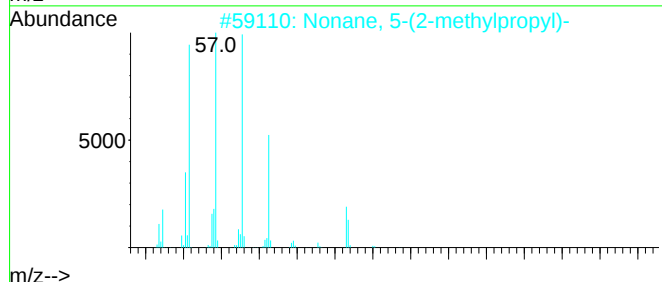
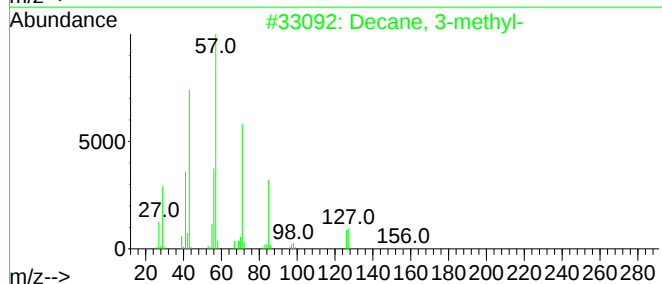
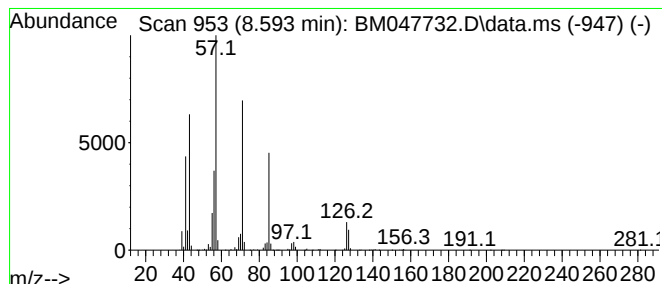
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.593	15.66 ng/ul	11195100	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	93
2	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	80
3	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

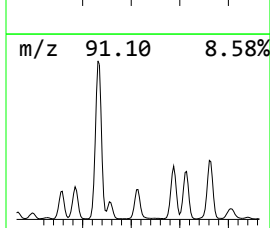
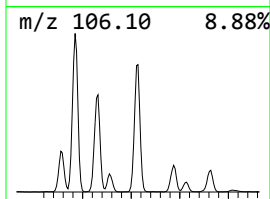
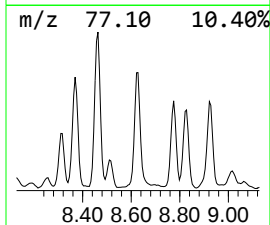
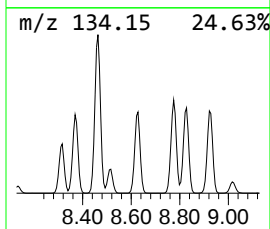
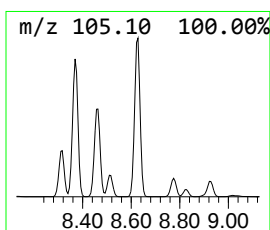
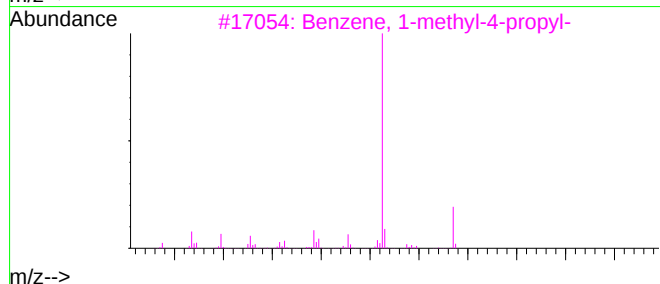
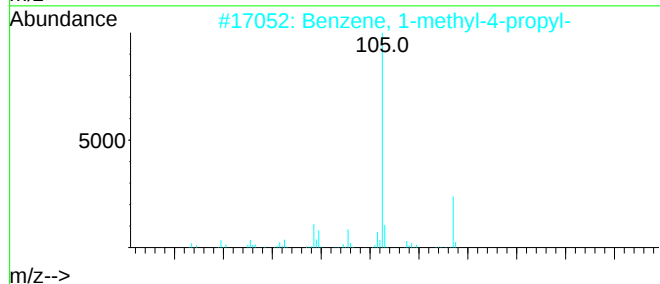
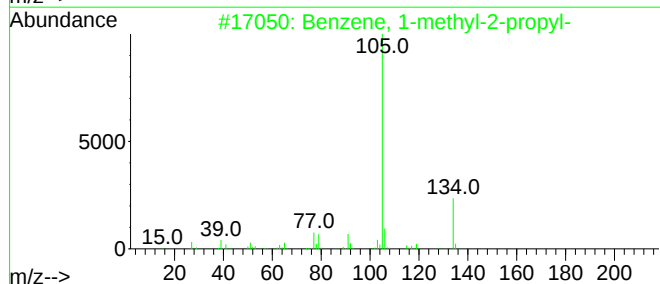
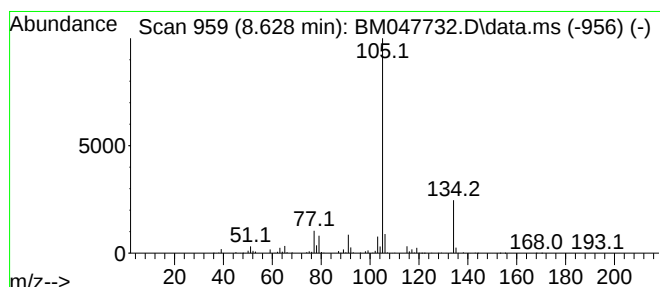
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 29 Benzene, 1-methyl-2-propyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.628	10.46 ng/ul	7478630	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

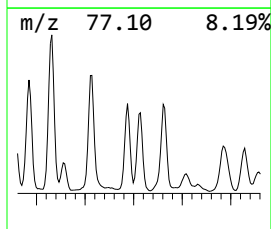
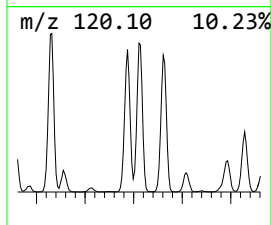
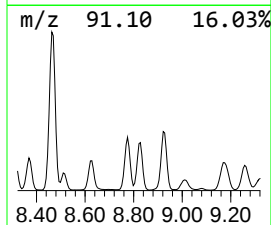
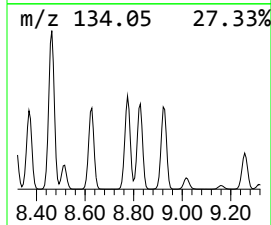
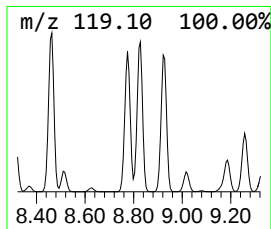
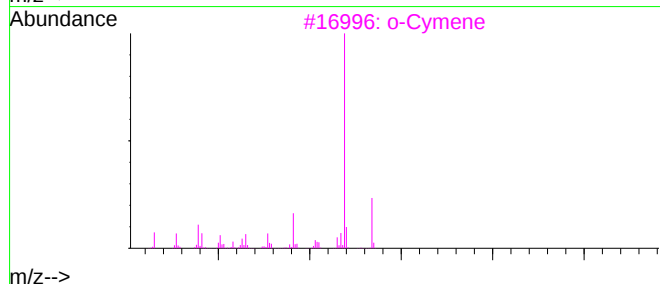
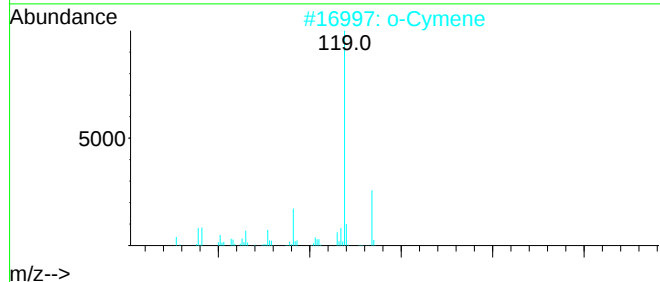
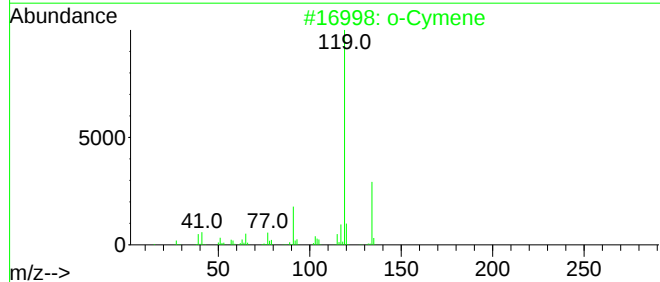
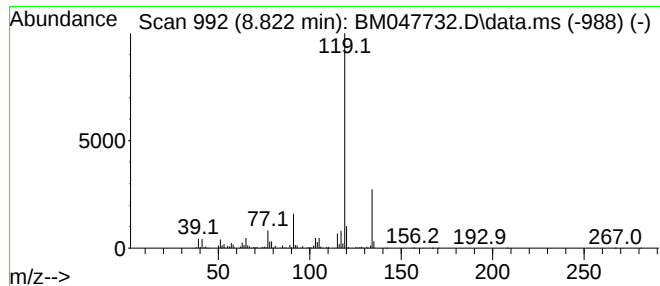
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 o-Cymene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.822	9.94 ng/ul	7101930	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	p-Cymene	134	C10H14	000099-87-6	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

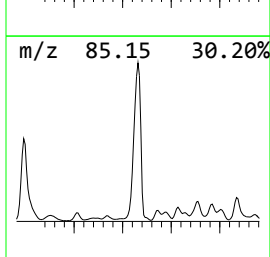
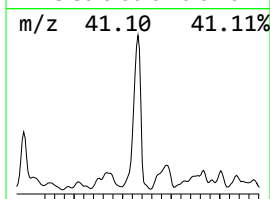
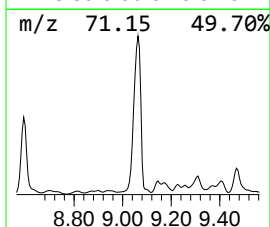
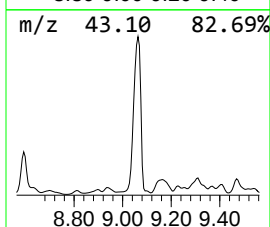
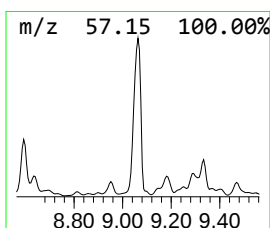
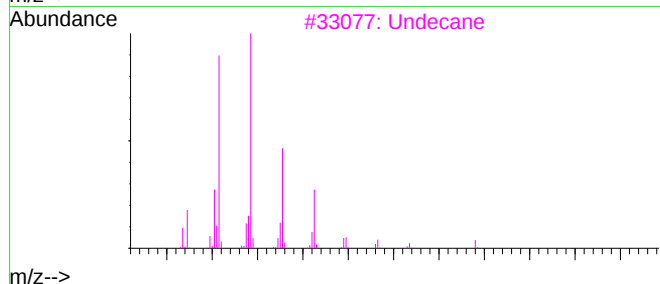
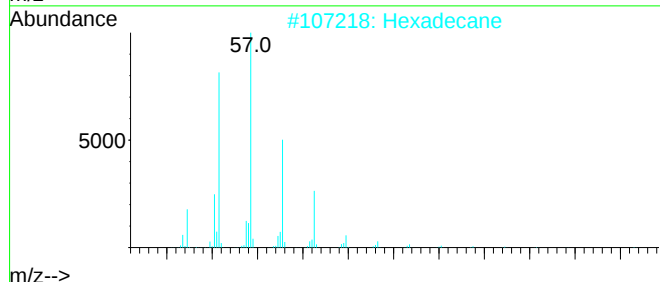
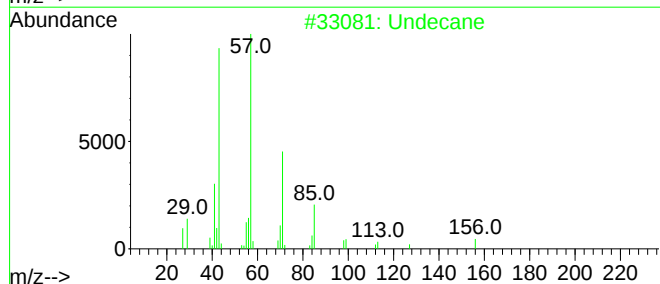
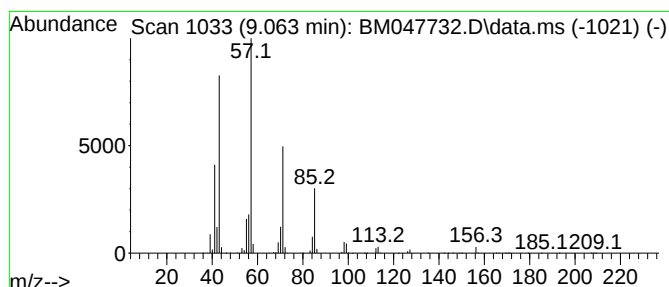
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TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.063	56.85 ng/ul	40629300	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Undecane	156	C11H24	001120-21-4	87
4	Undecane	156	C11H24	001120-21-4	87
5	Tridecane	184	C13H28	000629-50-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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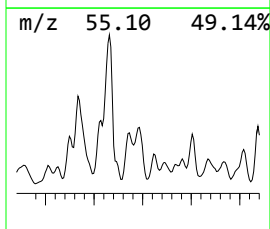
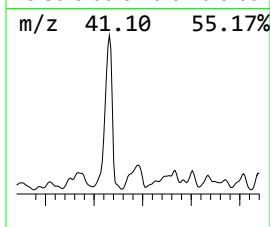
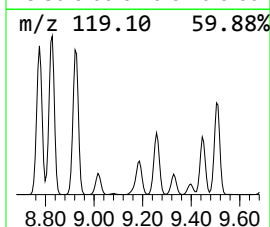
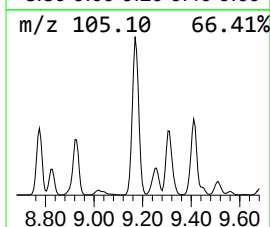
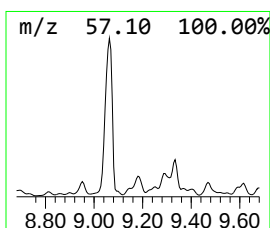
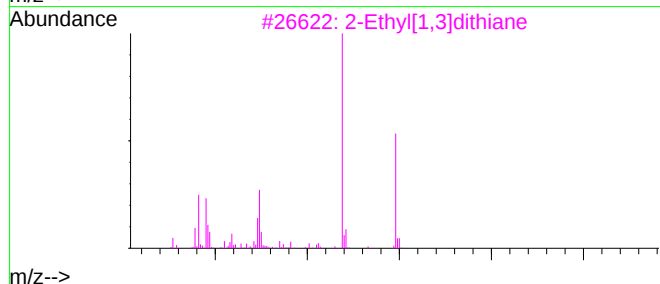
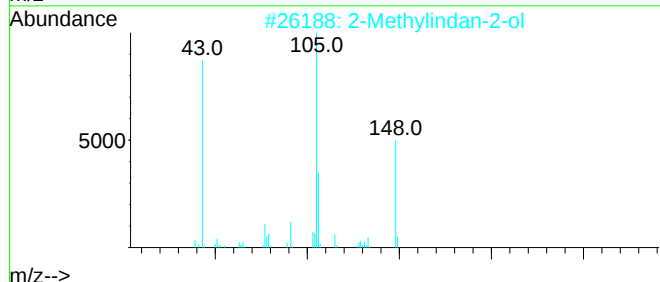
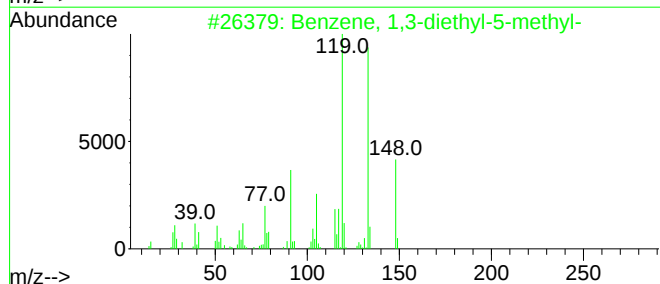
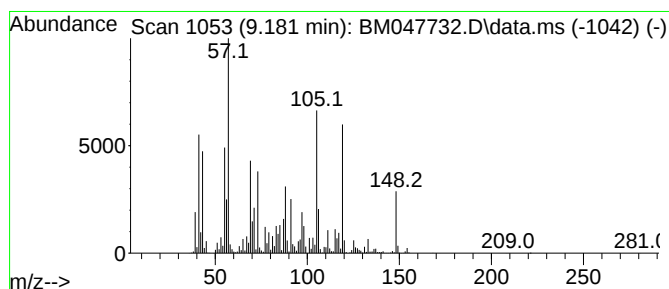
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 33 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.181	22.00 ng/ul	15722500	1,4-Dichlorobenzene-d4	7.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38
2	2-Methylindan-2-ol	148	C10H12O	033223-84-6	25
3	2-Ethyl[1,3]dithiane	148	C6H12S2	006007-23-4	25
4	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	22
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

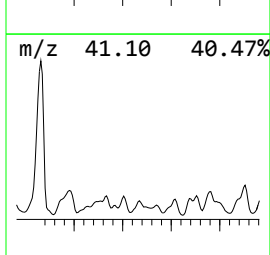
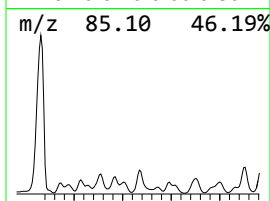
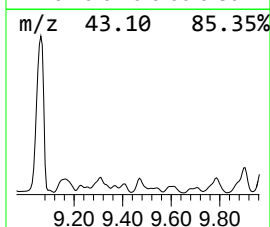
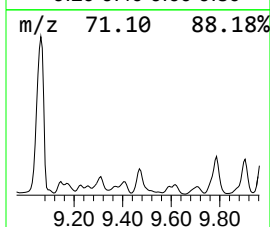
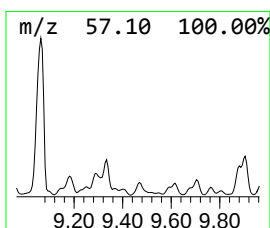
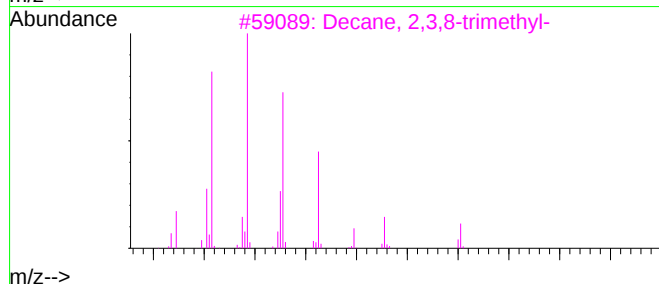
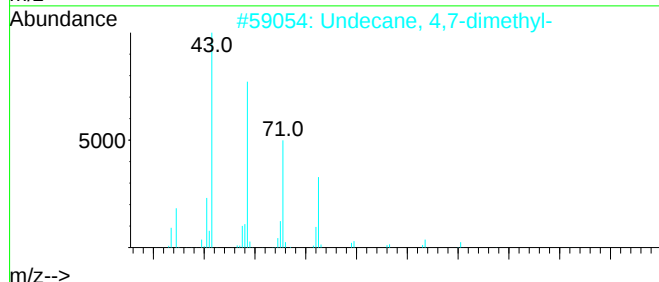
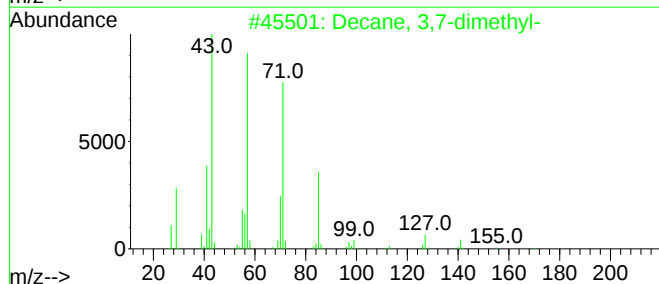
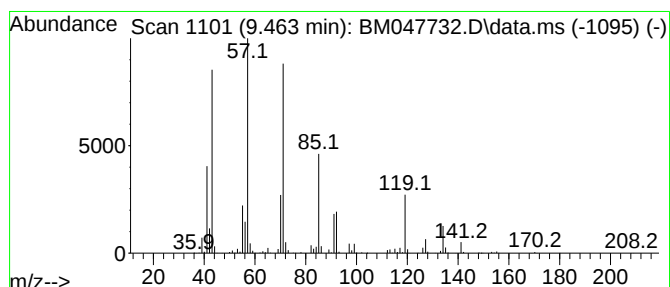
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.463	2.32 ng/ul	3961330	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	91
2	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	53
3	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	53
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50
5	Tetradecane	198	C14H30	000629-59-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

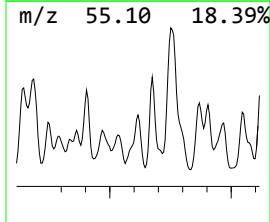
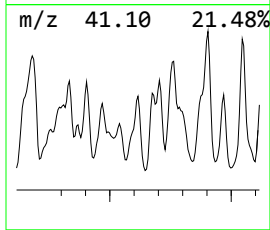
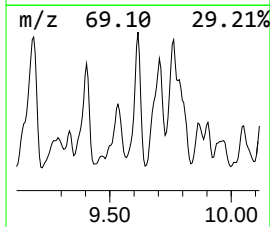
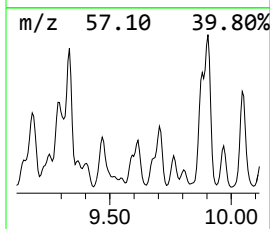
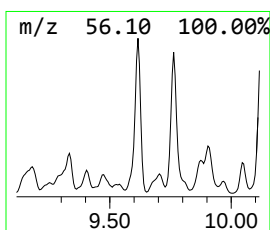
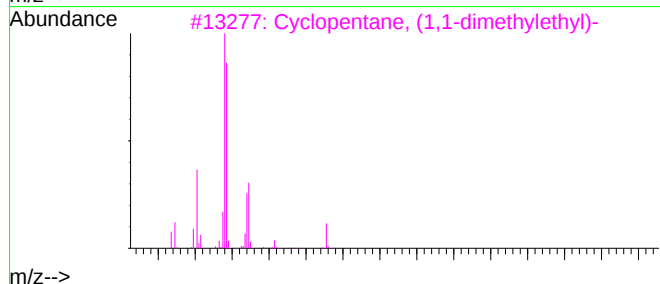
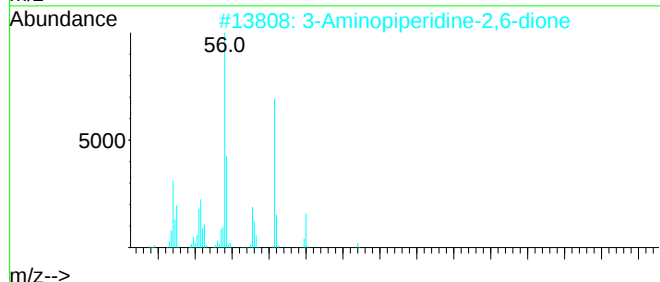
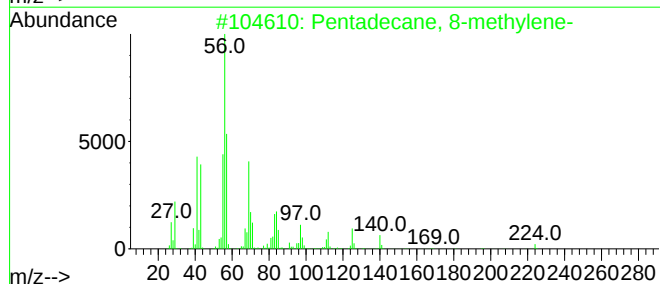
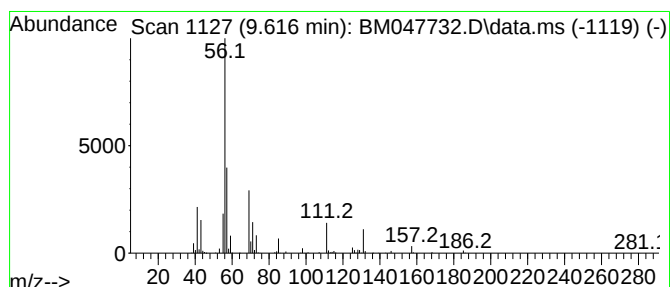
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	3.27 ng/ul	5587940	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	38
2	3-Aminopiperidine-2,6-dione	128	C5H8N2O2	002353-44-8	38
3	Cyclopentane, (1,1-dimethylethyl)-	126	C9H18	003875-52-3	33
4	1-Butanamine, N-ethylidene-	99	C6H13N	006898-74-4	33
5	3,4,5-Trimethyldihydrofuran-2-one	128	C7H12O2	1000194-05-2	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

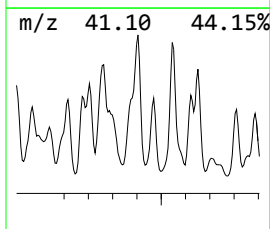
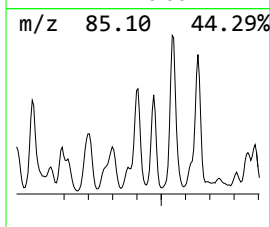
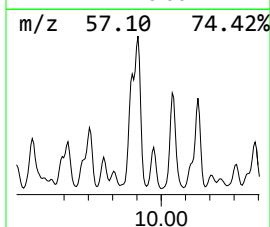
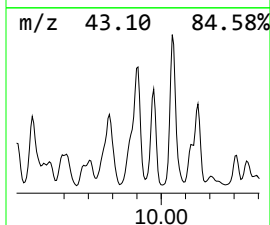
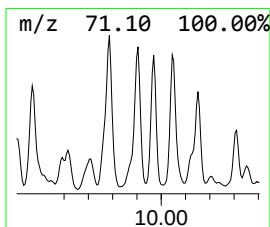
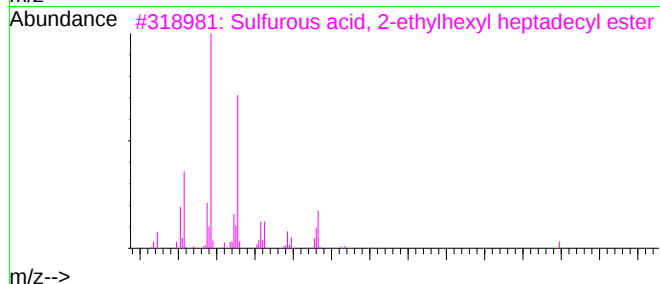
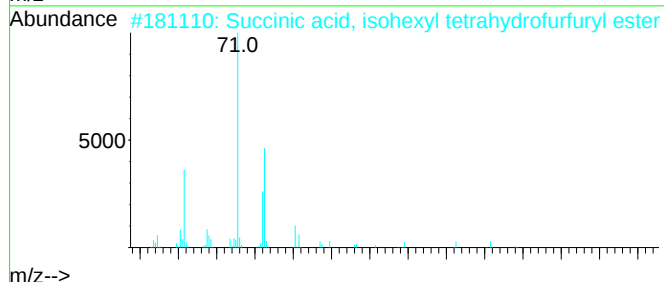
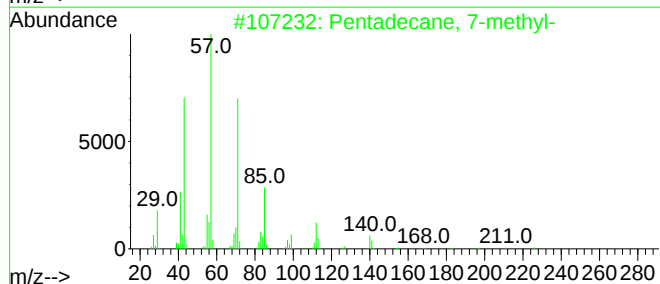
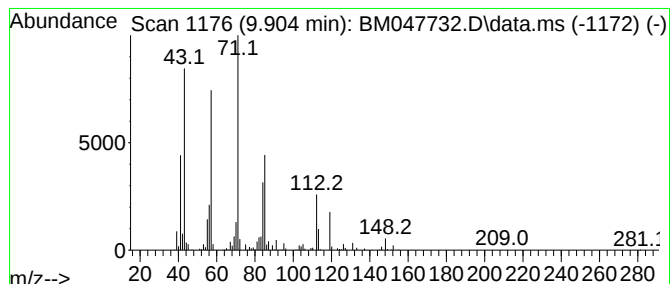
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.904	4.00 ng/ul	6840550	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53
2	Succinic acid, isohexyl tetrahyd...	286	C15H26O5	1000329-86-4	50
3	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	43
4	Oxalic acid, hexyl neopentyl ester	244	C13H24O4	1000309-73-1	43
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

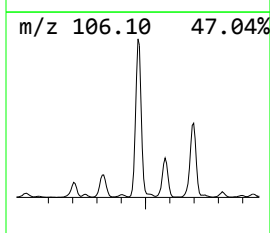
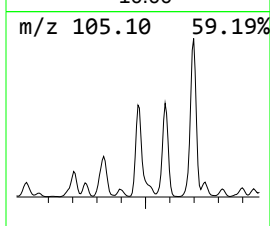
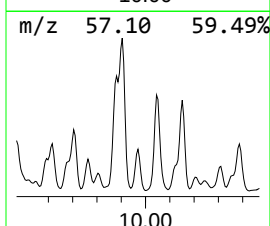
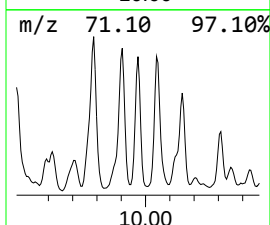
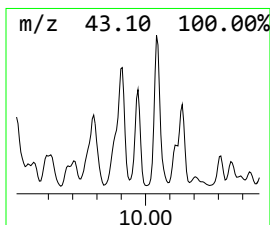
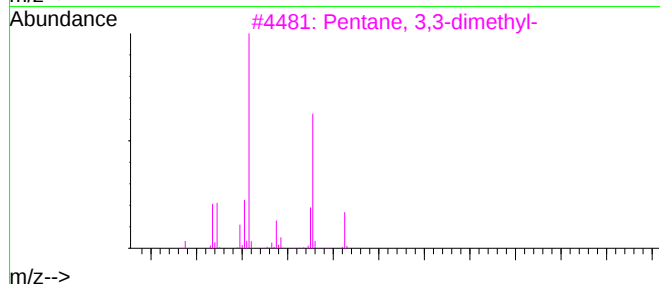
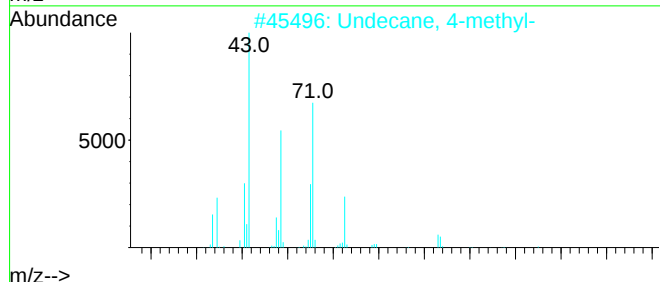
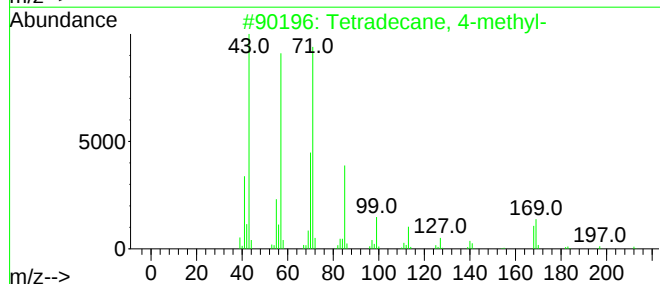
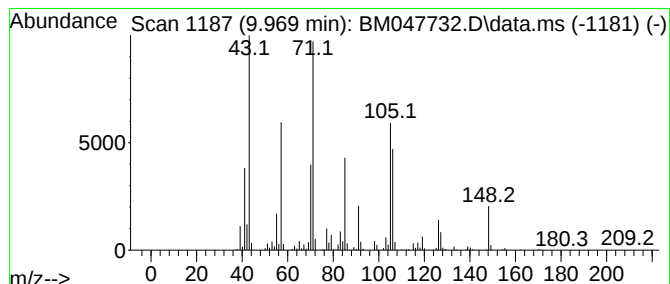
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.969	2.81 ng/ul	4810670	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	50
2	Undecane, 4-methyl-	170	C12H26	002980-69-0	49
3	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	43
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
5	1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

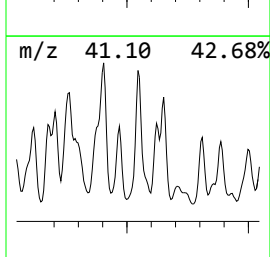
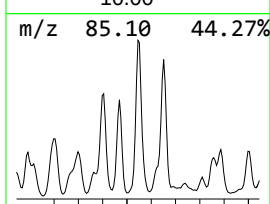
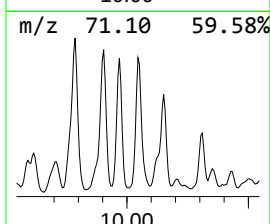
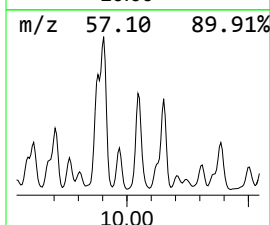
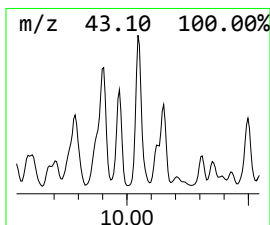
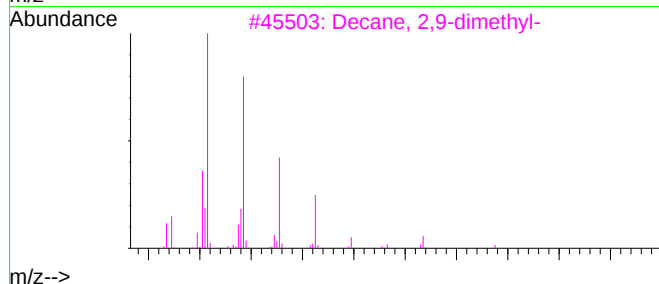
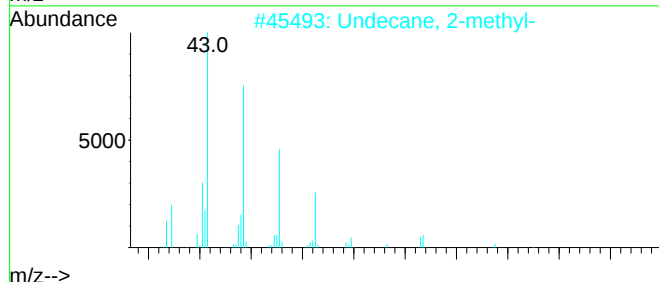
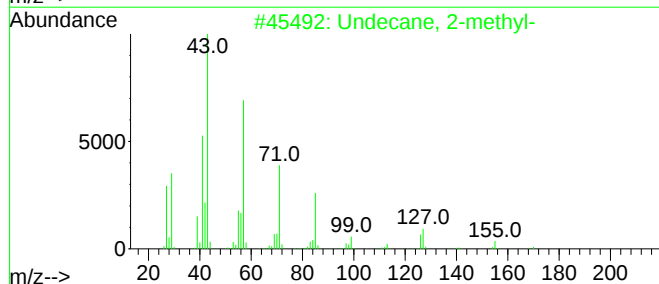
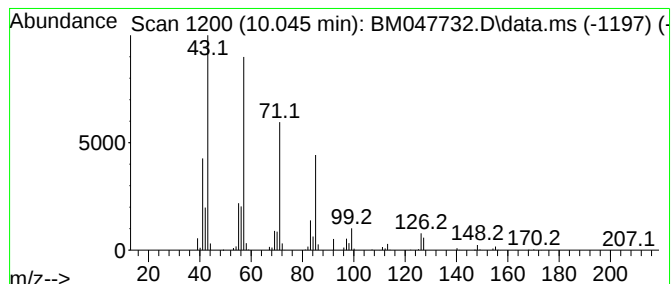
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.045	3.14 ng/ul	5374460	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	83
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	74
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
4	Tetracosane	338	C24H50	000646-31-1	59
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

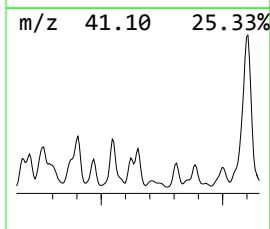
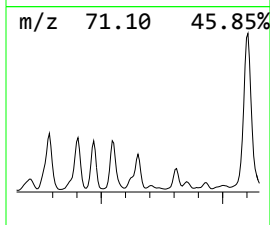
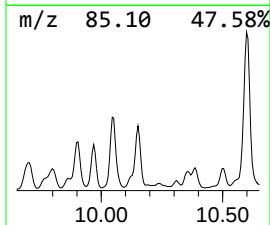
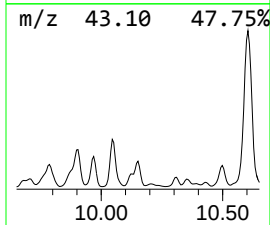
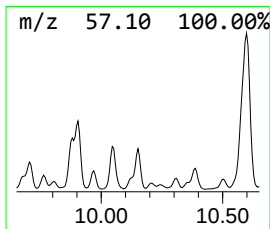
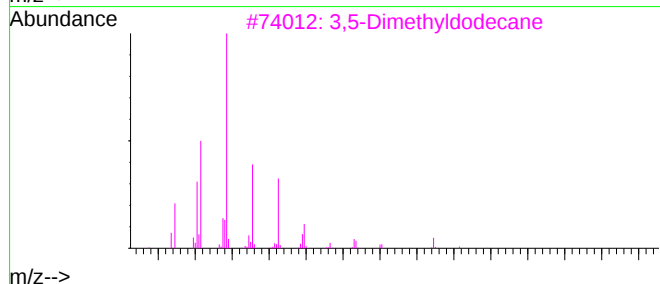
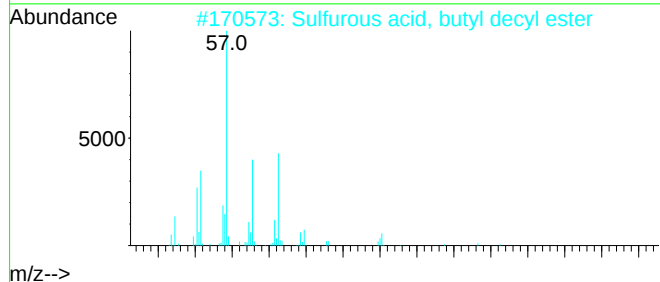
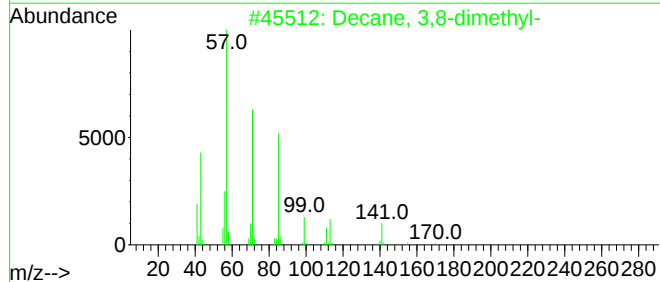
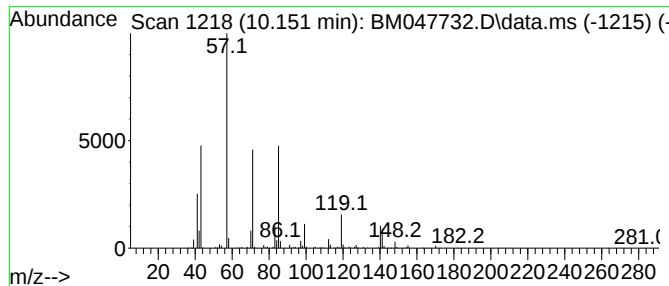
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.151	2.45 ng/ul	4179730	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	74
2	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

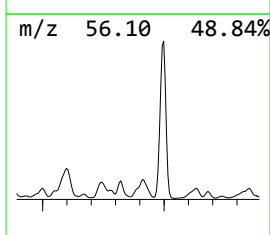
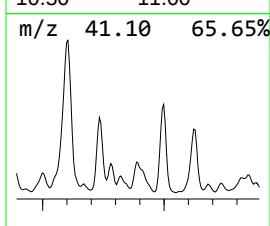
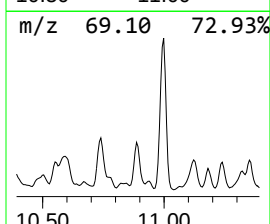
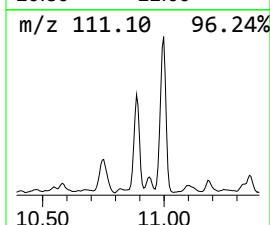
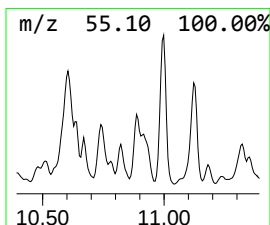
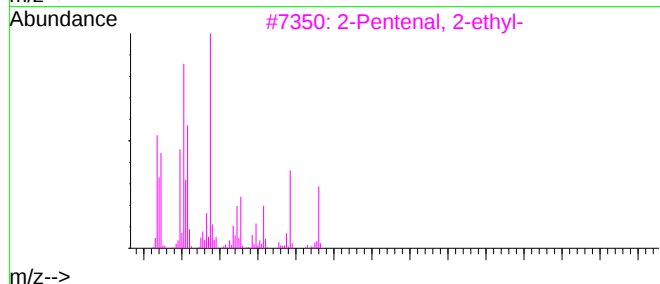
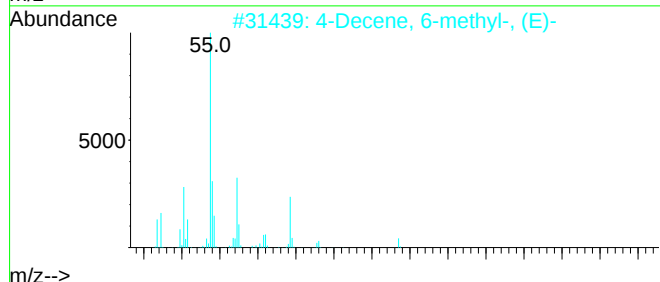
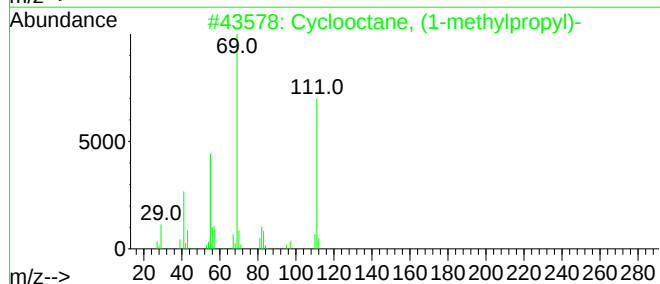
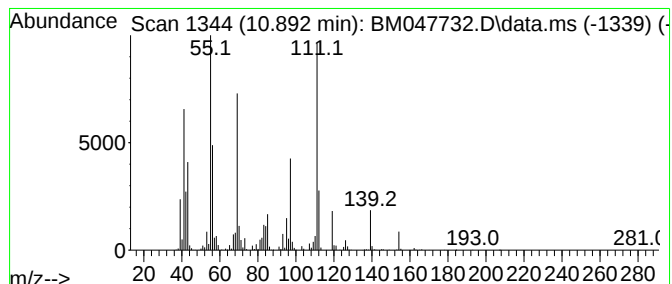
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Cyclic10.892 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.892	3.92 ng/ul	6698970	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	35
2	4-Decene, 6-methyl-, (E)-	154	C11H22	036229-57-9	30
3	2-Pentenal, 2-ethyl-	112	C7H12O	003491-57-4	27
4	2-Octene, (E)-	112	C8H16	013389-42-9	25
5	2-Octene, (E)-	112	C8H16	013389-42-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

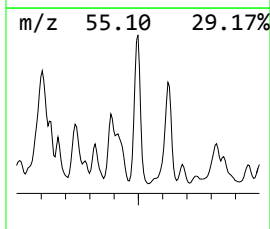
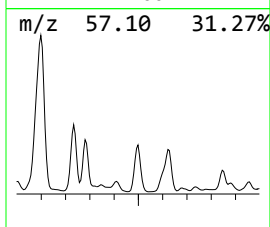
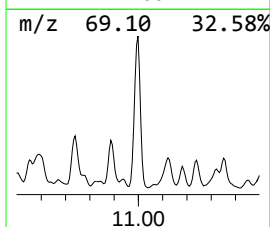
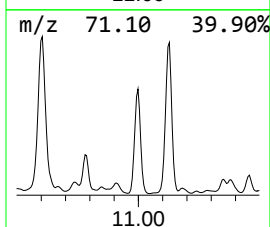
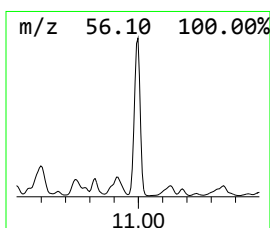
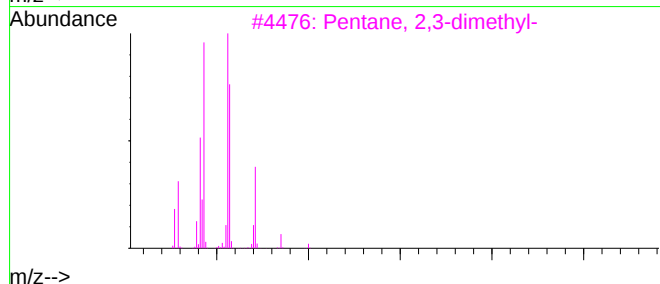
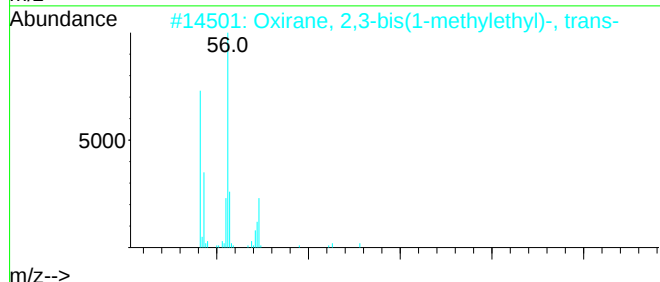
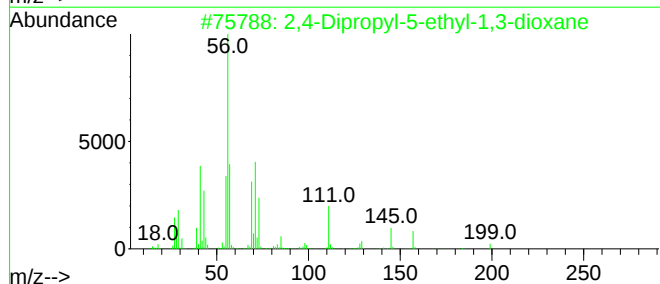
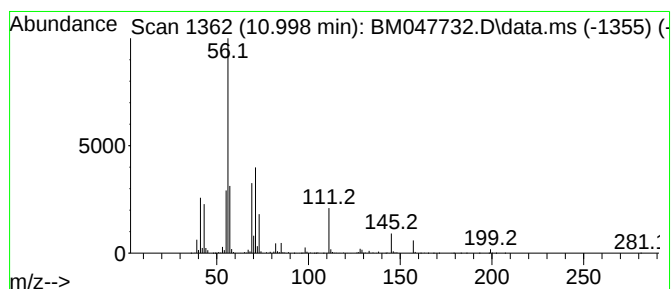
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 unknown-02 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.998	9.52 ng/ul	16272300	Naphthalene-d8	10.610

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	43
2			Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	38
3			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	36
4			Cyclohexylamine	99	C6H13N	000108-91-8	35
5			Cyclohexylamine	99	C6H13N	000108-91-8	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

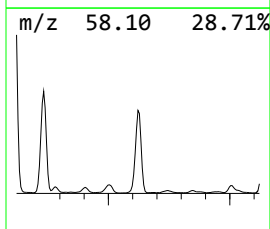
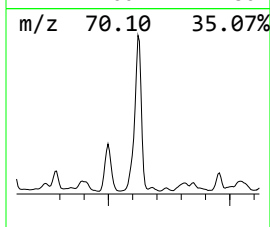
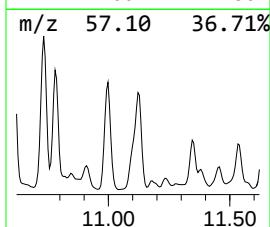
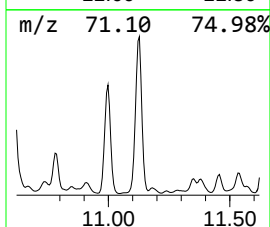
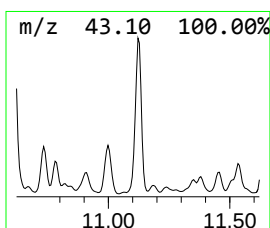
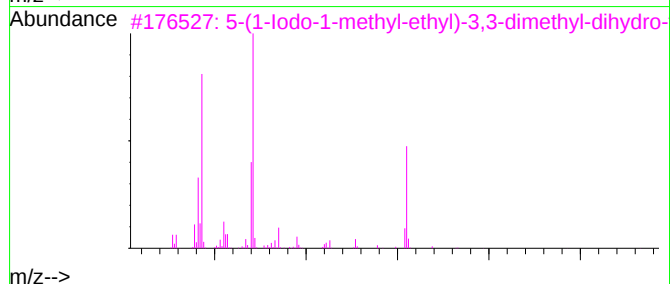
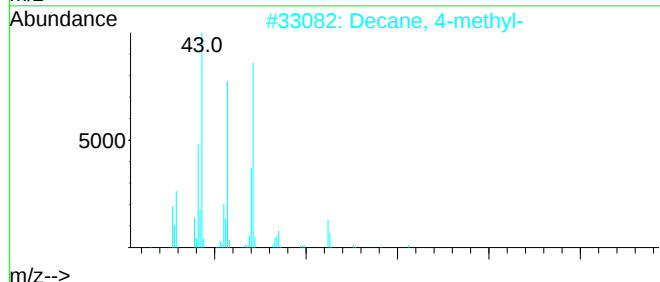
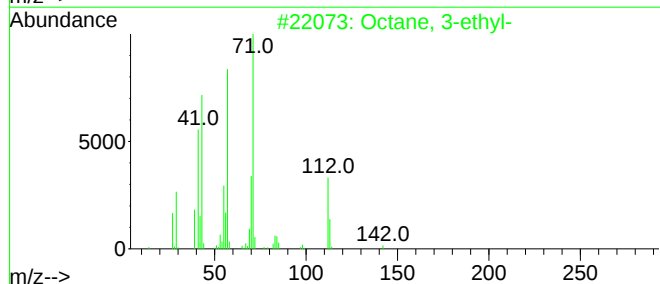
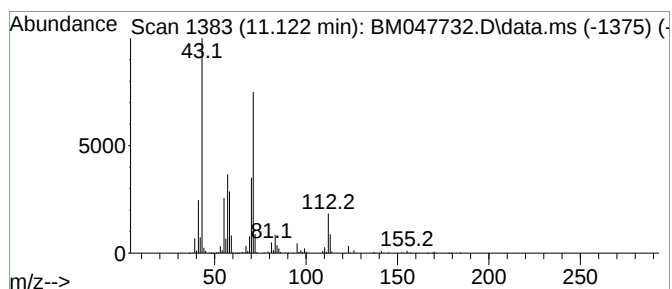
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.122	8.53 ng/ul	14582000	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-	142	C10H22	005881-17-4	53
2	Decane, 4-methyl-	156	C11H24	002847-72-5	50
3	5-(1-Iodo-1-methyl-ethyl)-3,3-di...	282	C9H15IO2	1000190-61-9	50
4	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	50
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

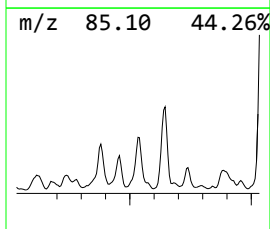
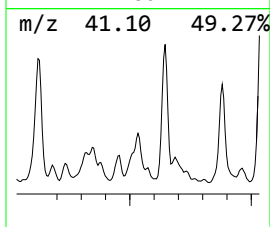
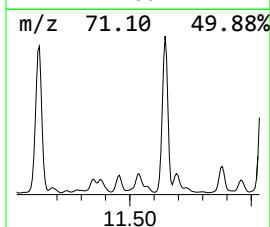
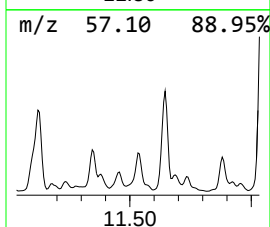
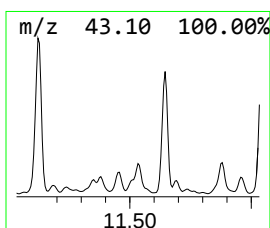
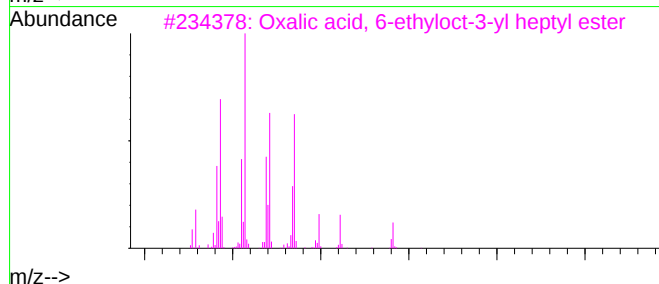
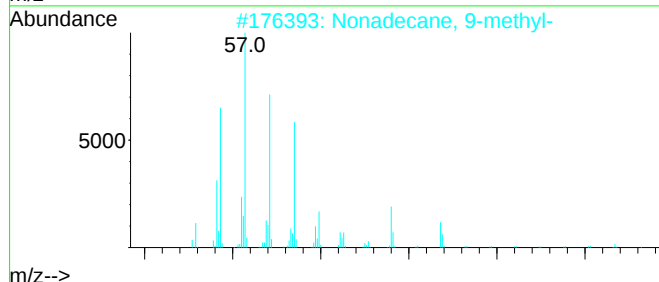
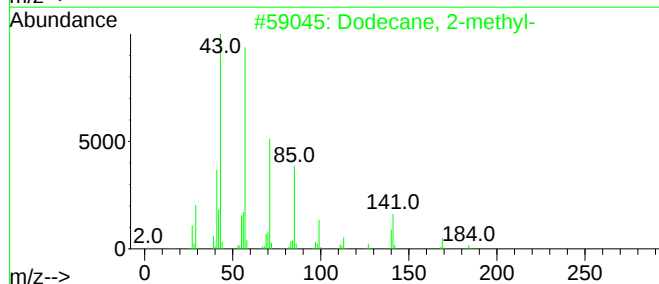
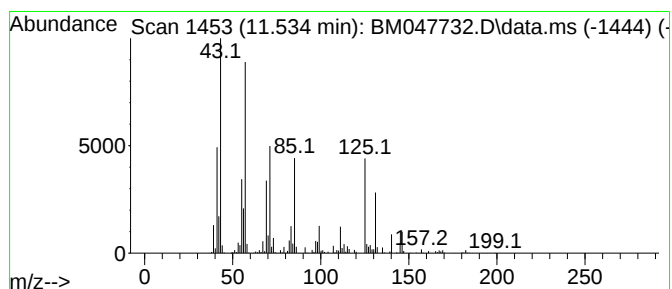
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.534	3.25 ng/ul	5550620	Naphthalene-d8	10.610

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	47
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	46
3			Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	46
4			Decane, 1-iodo-	268	C10H21I	002050-77-3	43
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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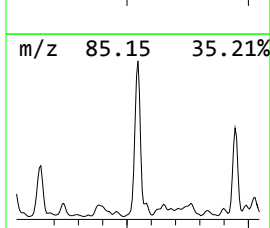
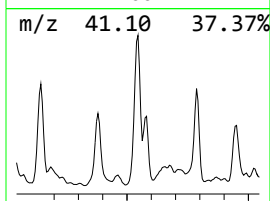
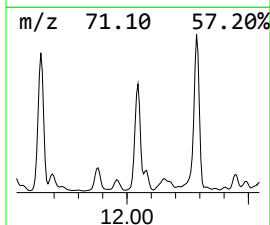
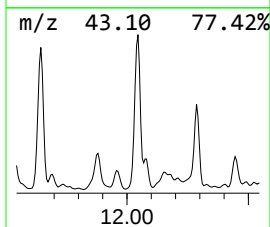
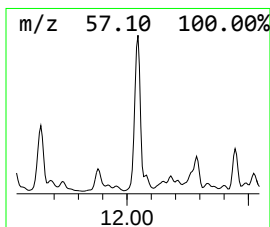
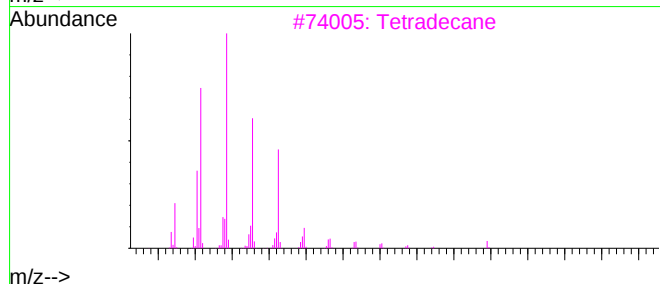
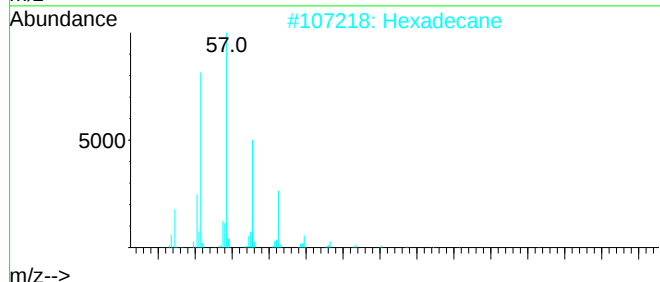
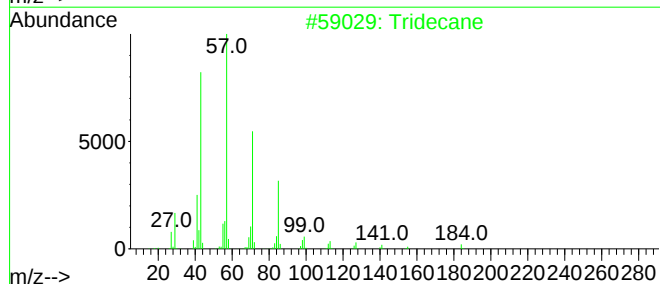
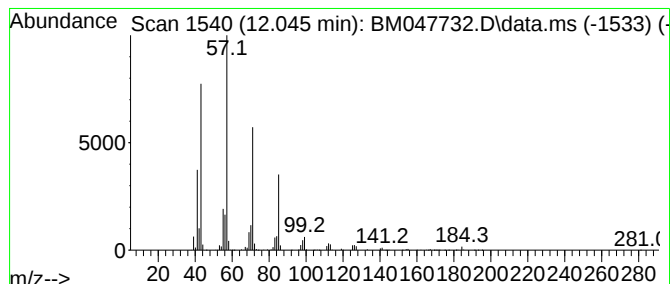
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	8.79 ng/ul	15028700	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tridecane	184	C13H28	000629-50-5	89
5	Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

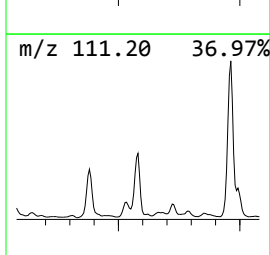
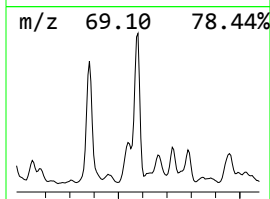
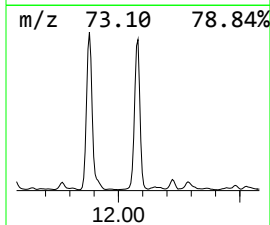
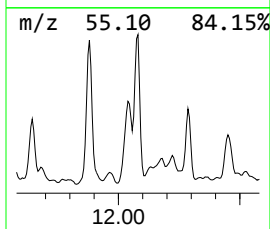
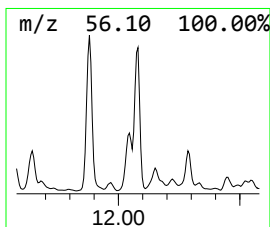
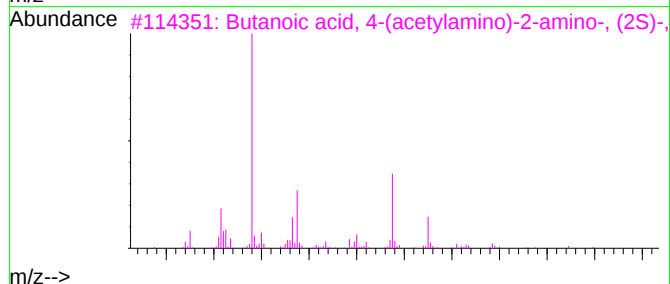
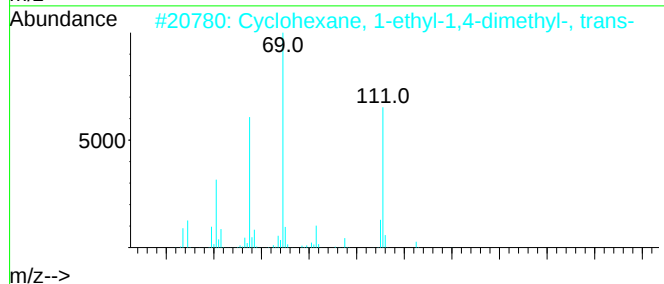
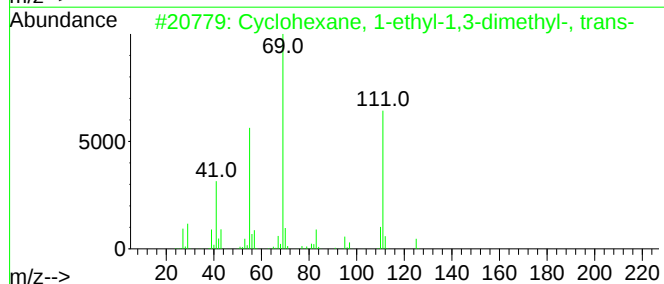
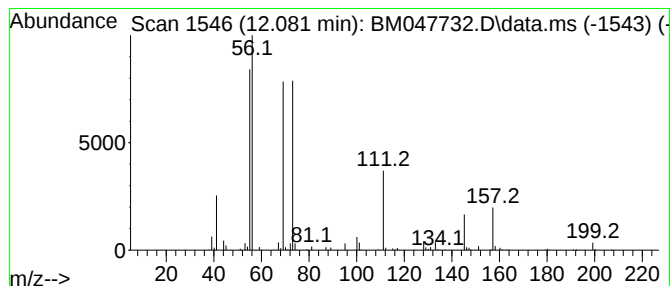
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 51 (DEL) Alkane: Cyclic12.081 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.081	3.72 ng/ul	6359470	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	12
2	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	12
3	Butanoic acid, 4-(acetylamino)-2...	232	C9H20N2O3Si	1000506-81-1	12
4	Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	10
5	8-Chloro-1-octanol, benzyldimeth...	312	C17H29ClOSi	1000375-56-9	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
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Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DDCB6

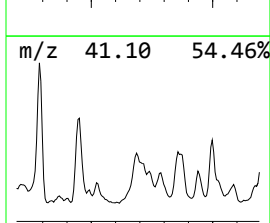
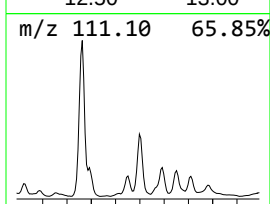
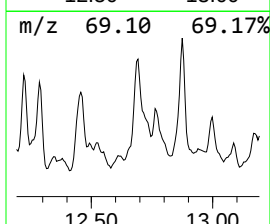
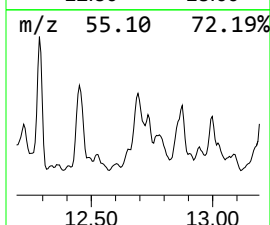
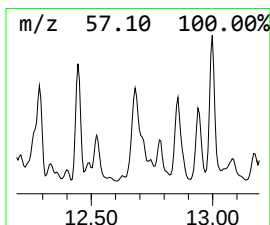
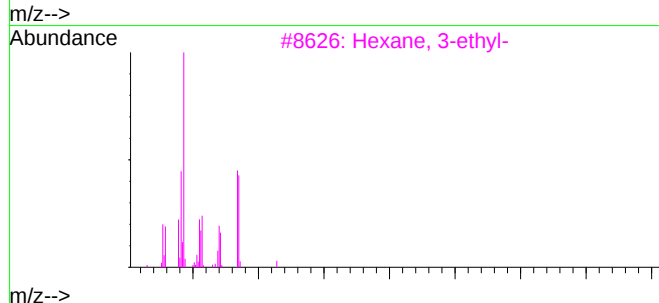
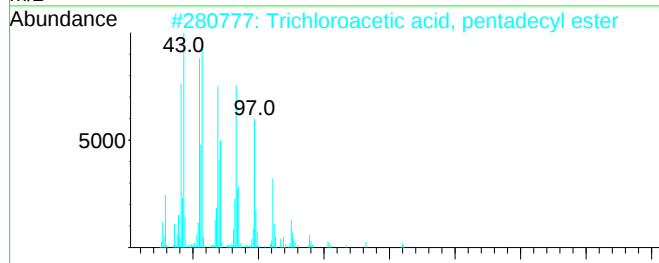
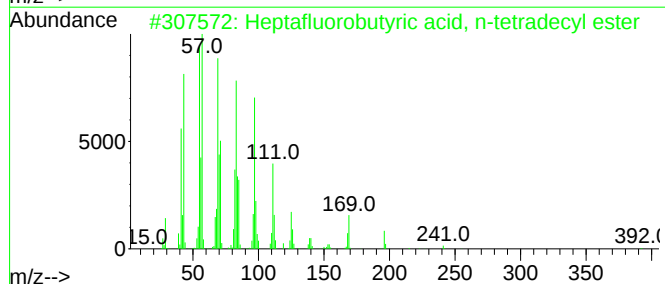
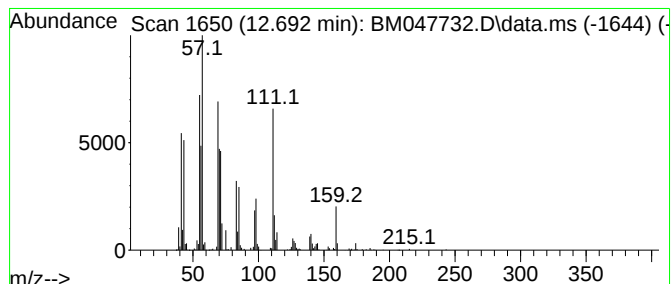
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 52 Heptafluorobutyric acid, n-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.692	18.30 ng/ul	4497170	Acenaphthene-d10	14.445	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	59
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl13O2	074339-53-0	58
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
4	2-Undecene, 4,5-dimethyl-, [R*,R...	182	C13H26	055170-92-8	35
5	Carbonic acid, dodecyl prop-1-en...	270	C16H30O3	1000382-90-7	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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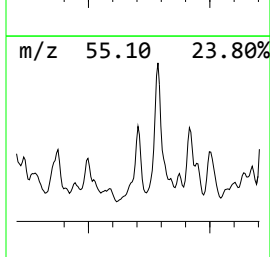
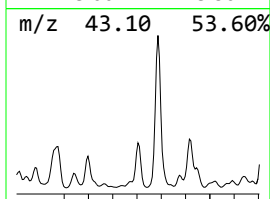
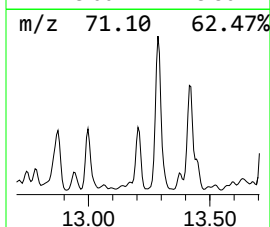
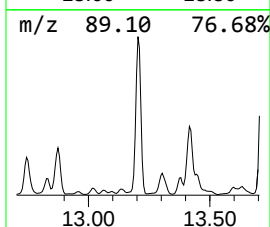
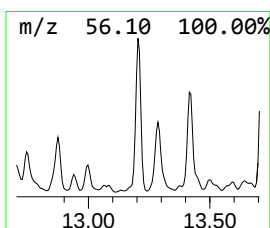
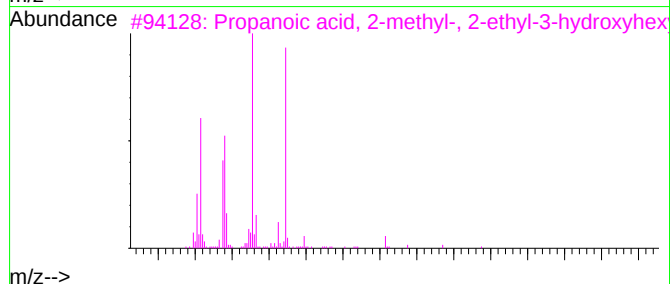
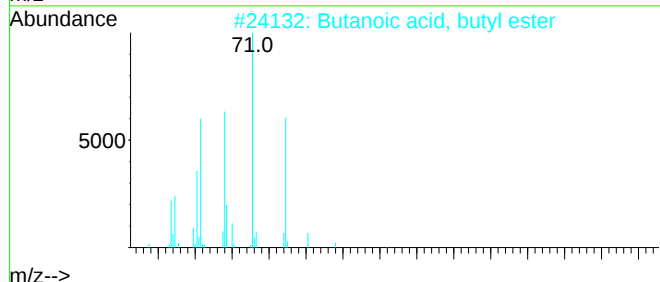
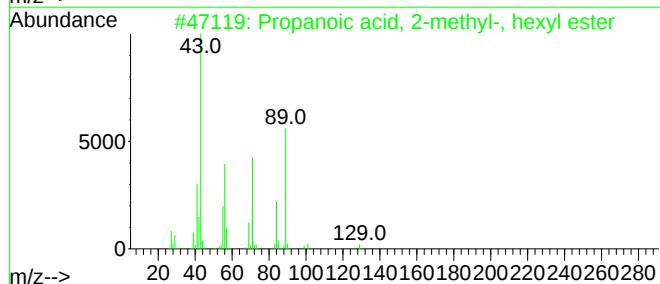
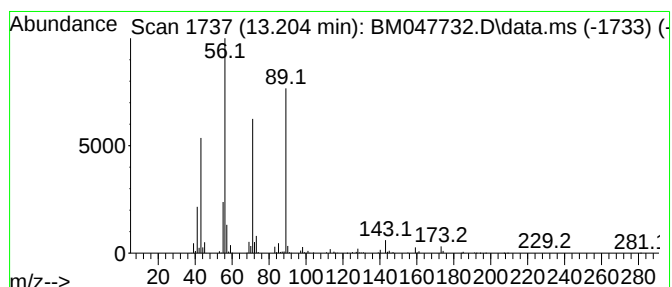
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 53 Propanoic acid, 2-methyl-, ... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.204	20.82 ng/ul	5116660	Acenaphthene-d10	14.445	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, hexyl...	172	C10H20O2	002349-07-7	64
2	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	56
3	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	56
4	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	50
5	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

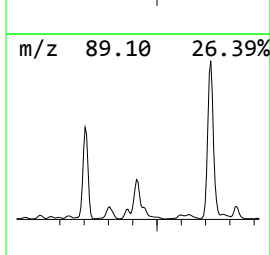
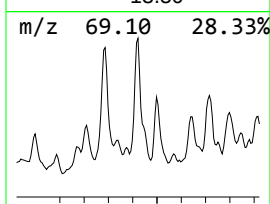
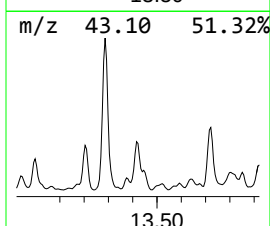
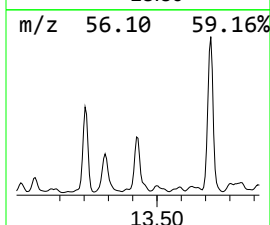
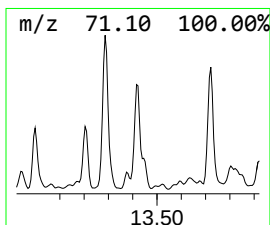
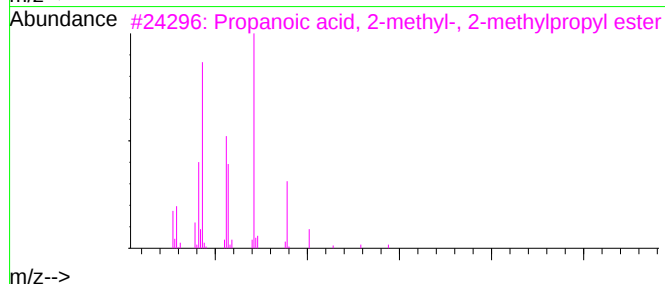
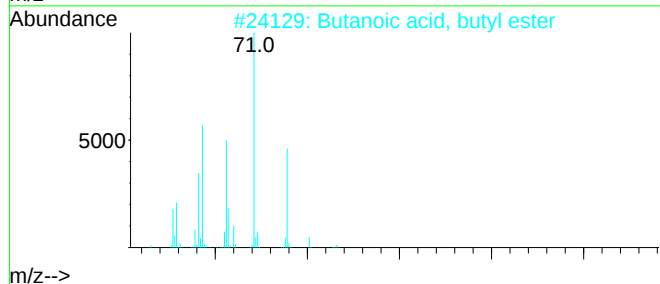
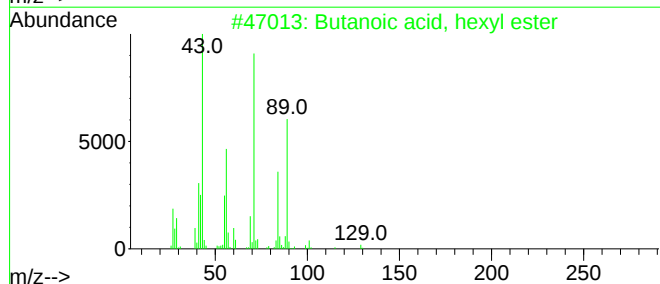
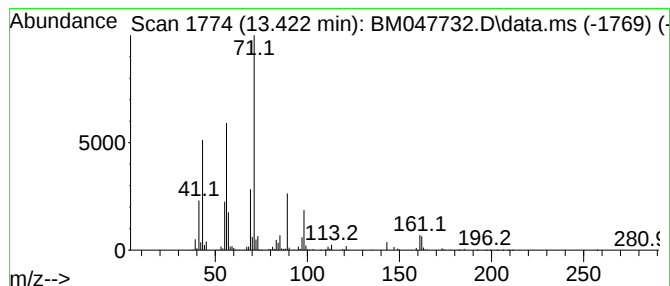
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 54 Butanoic acid, hexyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.422	37.63 ng/ul	9248600	Acenaphthene-d10	14.445	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	64
2	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	59
3	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	45
4	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	45
5	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

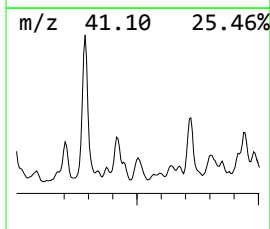
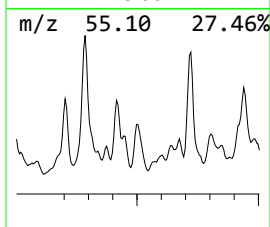
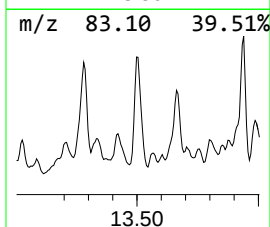
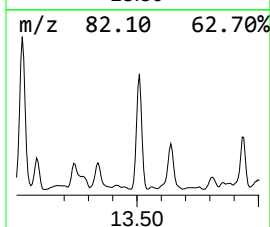
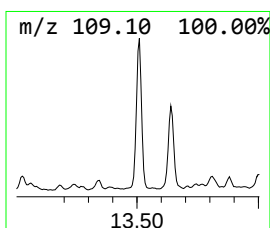
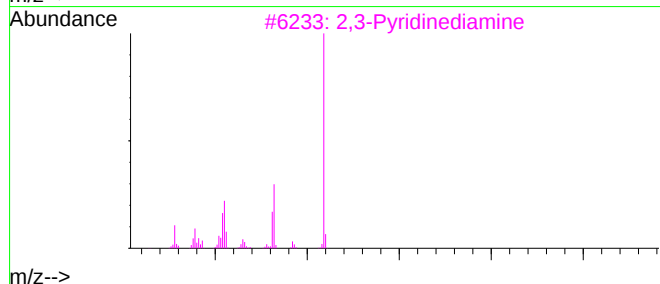
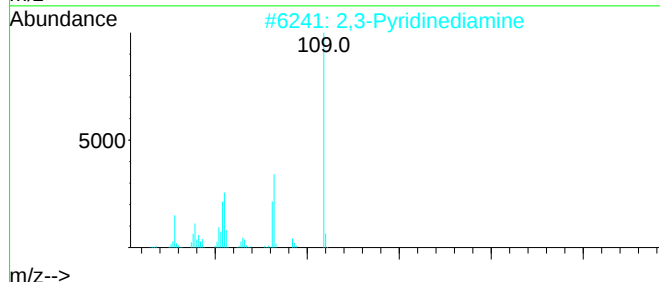
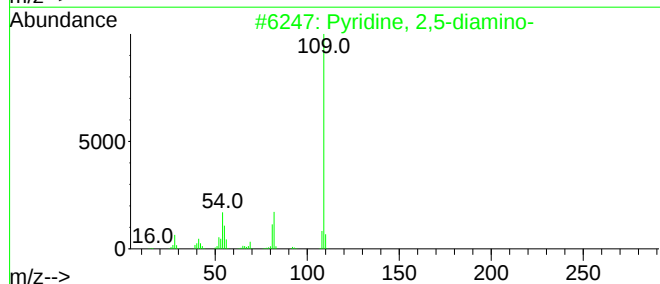
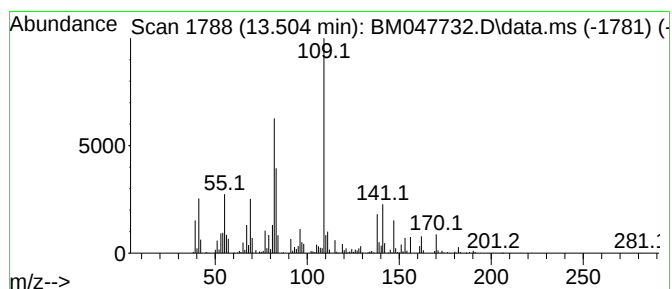
TIC Integration Parameters: LSCINT.P

Peak Number 55 unknown-03

Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.504	28.81 ng/ul	7081770	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,5-diamino-	109	C5H7N3	004318-76-7	43
2	2,3-Pyridinediamine	109	C5H7N3	000452-58-4	38
3	2,3-Pyridinediamine	109	C5H7N3	000452-58-4	38
4	2-[(2-Fluorobenzyl)amino]ethanol	169	C9H12FNO	064834-60-2	27
5	8-Azabicyclo[3.2.1]octan-3-ol, 8...	141	C8H15NO	000120-29-6	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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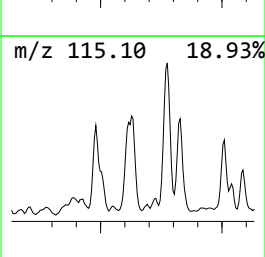
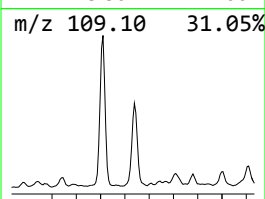
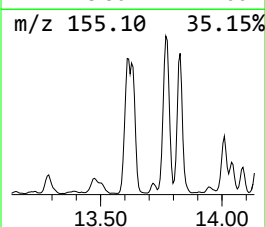
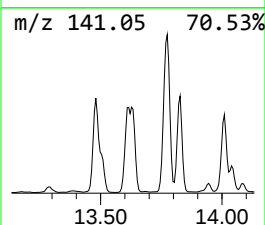
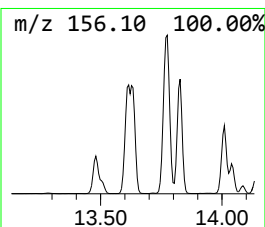
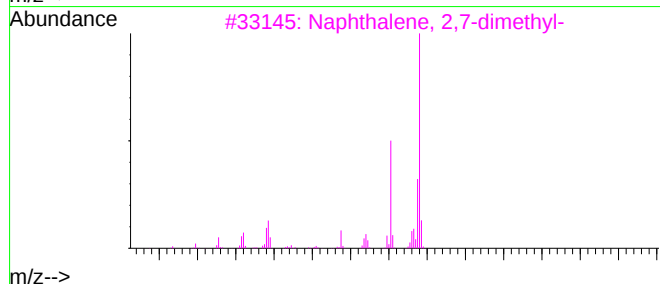
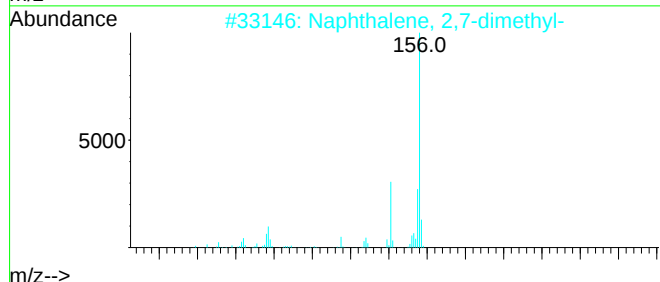
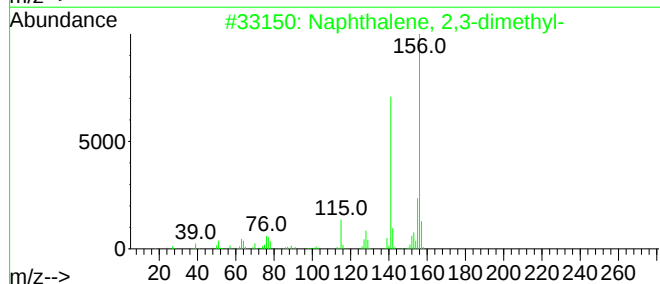
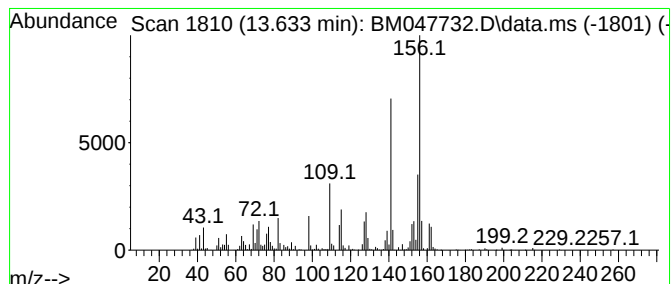
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 56 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.633	39.24 ng/ul	9645950	Acenaphthene-d10			14.445
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-		156	C12H12	000581-40-8	95
2	Naphthalene, 2,7-dimethyl-		156	C12H12	000582-16-1	95
3	Naphthalene, 2,7-dimethyl-		156	C12H12	000582-16-1	94
4	Naphthalene, 2,7-dimethyl-		156	C12H12	000582-16-1	93
5	Naphthalene, 1,6-dimethyl-		156	C12H12	000575-43-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

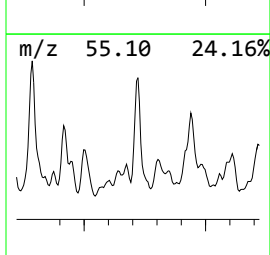
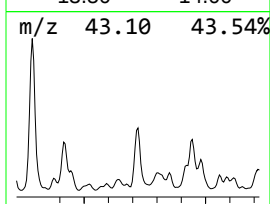
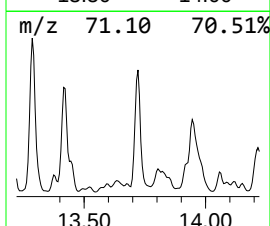
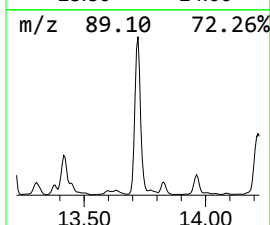
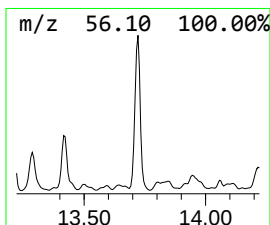
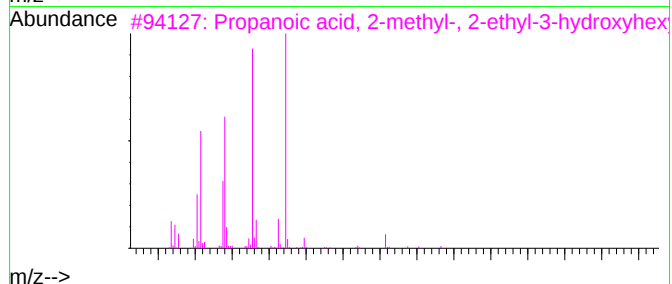
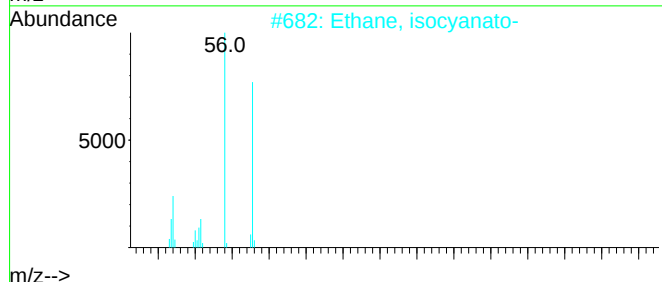
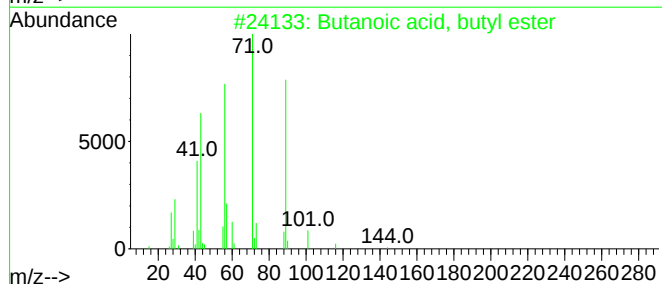
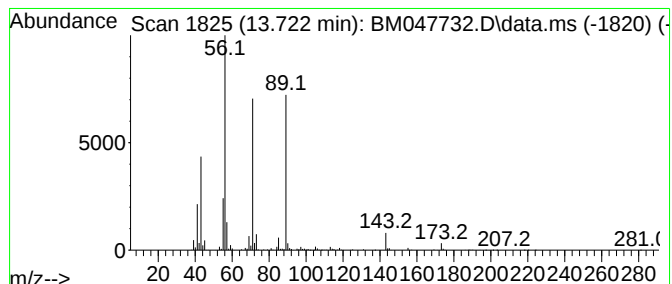
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Peak Number 57 unknown-04

Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	35.82 ng/ul	8805150	Acenaphthene-d10	14.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	58
2			Ethane, isocyanato-	71	C3H5NO	000109-90-0	38
3			Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	38
4			Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	37
5			2-Isopropylideneaminoxy-2-methy...	187	C9H17NO3	1000187-67-8	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

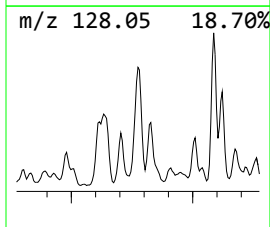
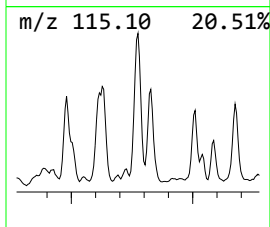
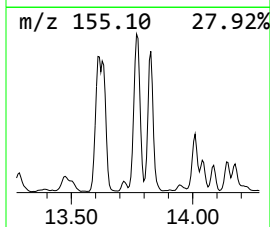
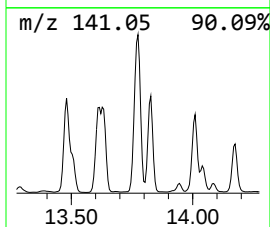
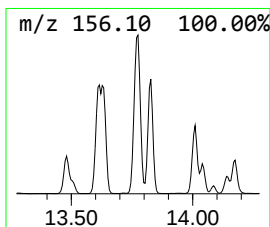
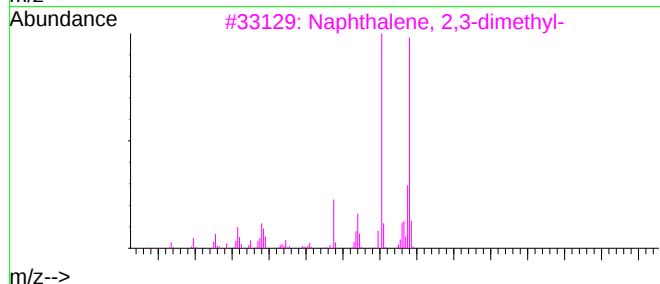
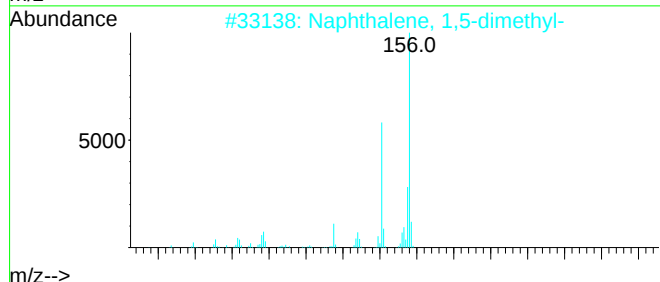
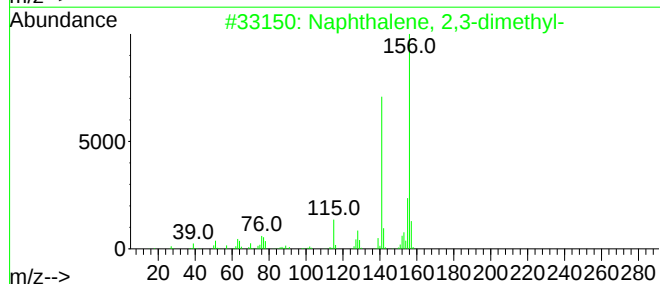
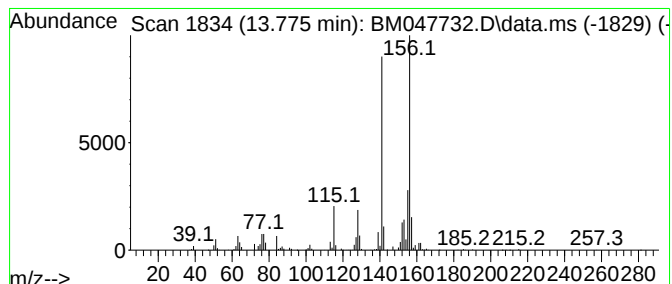
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 58 Naphthalene, 1,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.775	23.48 ng/ul	5771750	Acenaphthene-d10		14.445	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-		156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-		156	C12H12	000571-61-9	96
3	Naphthalene, 2,3-dimethyl-		156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-		156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-		156	C12H12	000571-58-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
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Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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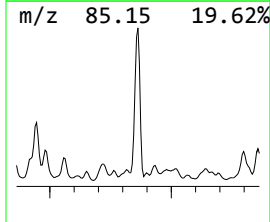
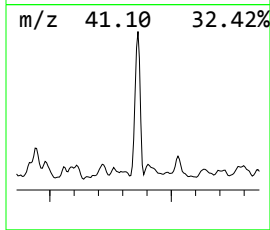
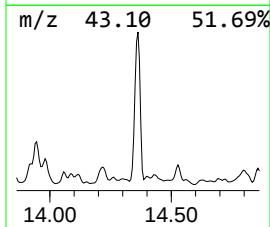
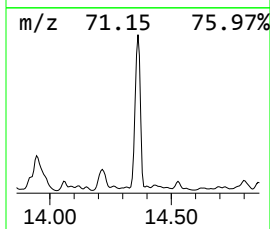
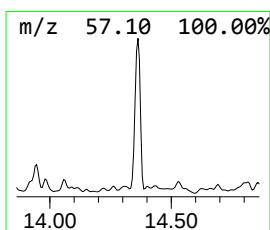
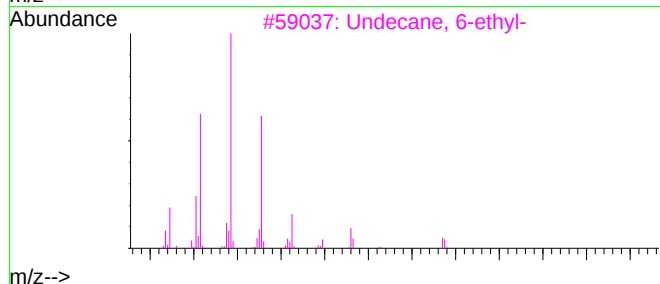
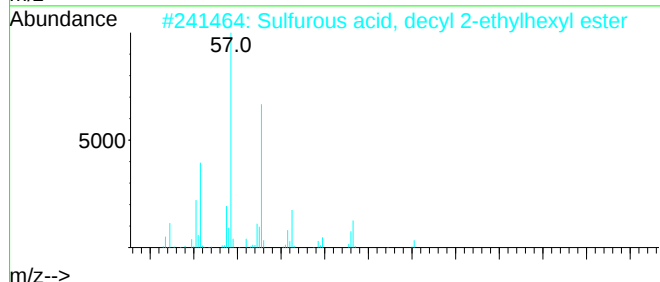
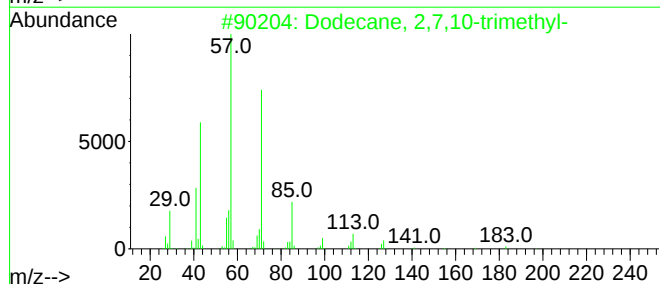
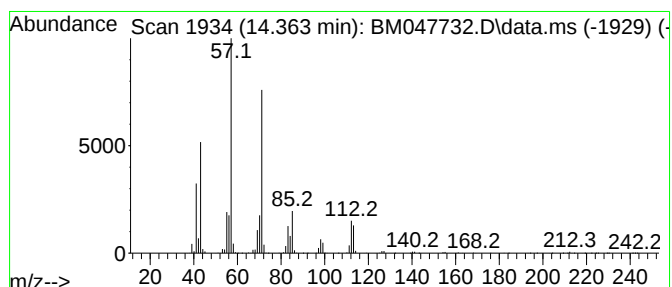
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.363	90.00 ng/ul	22123200	Acenaphthene-d10	14.445	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	86
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
4	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DDCB6

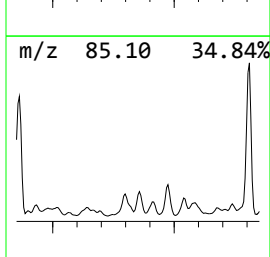
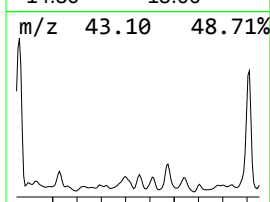
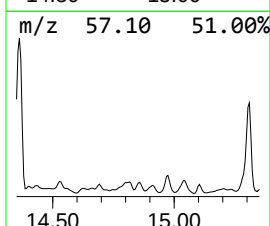
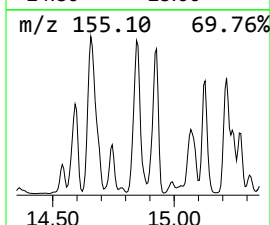
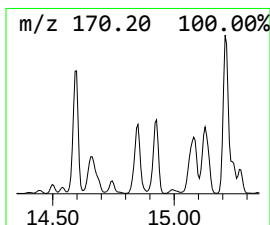
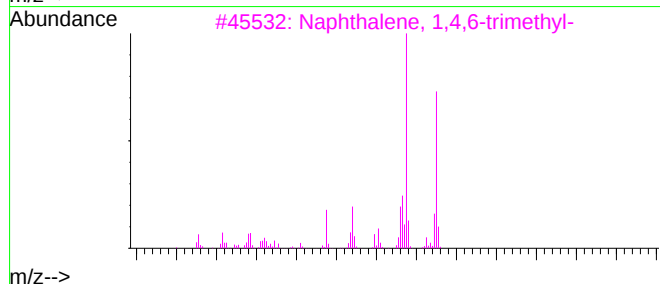
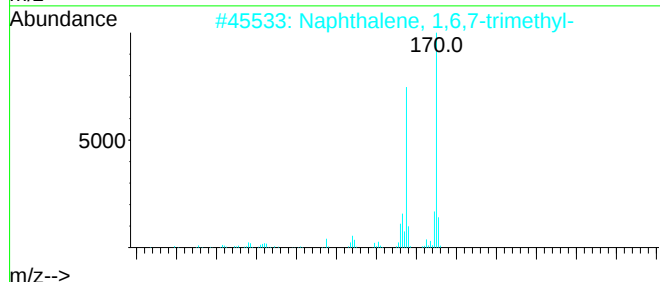
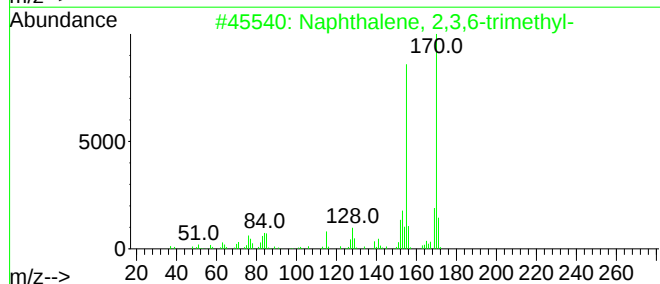
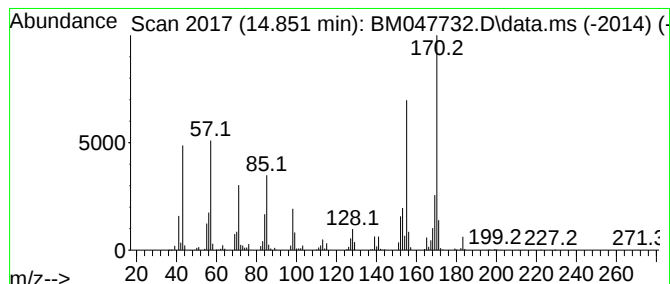
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 60 Naphthalene, 2,3,6-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.851	16.95 ng/ul	4167230	Acenaphthene-d10	14.445	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

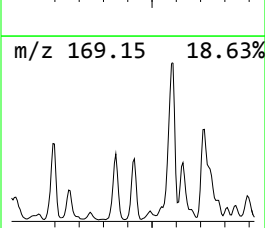
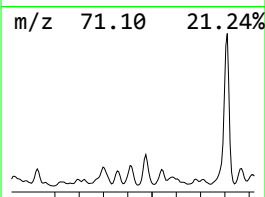
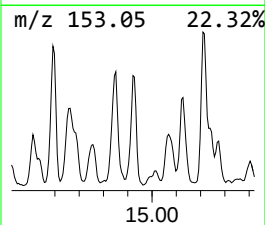
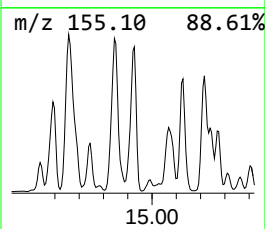
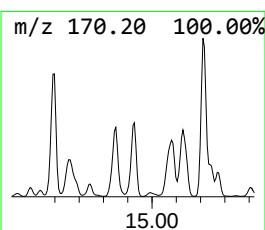
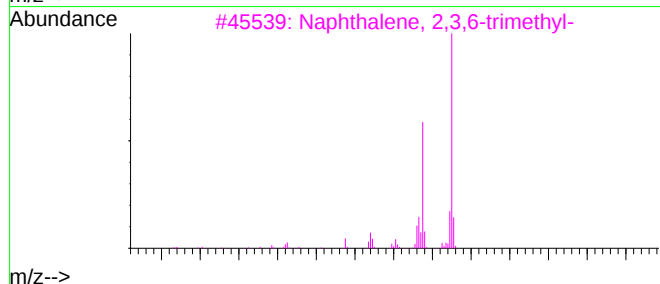
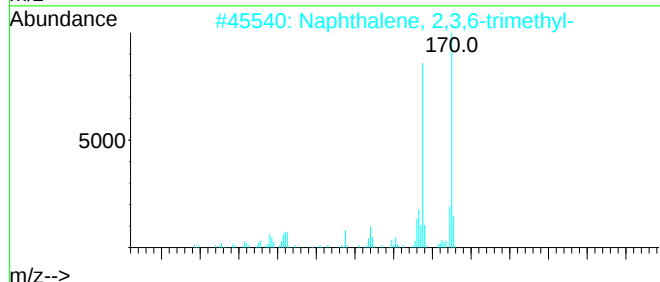
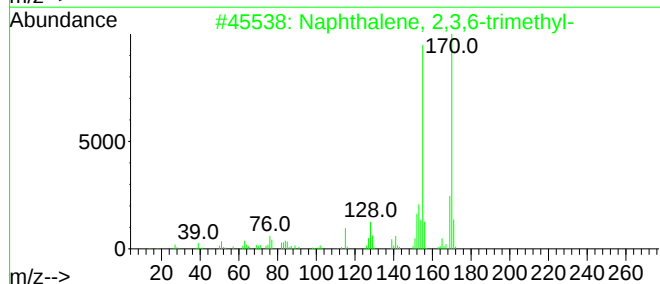
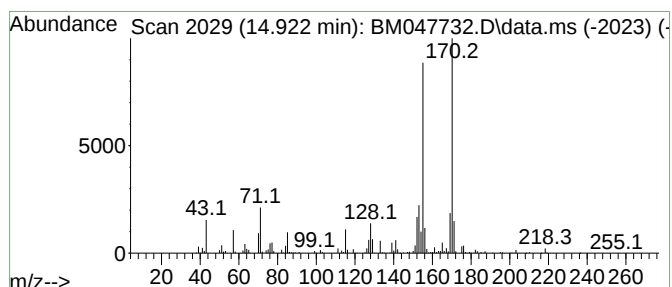
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 61 Naphthalene, 1,4,6-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.922	16.03 ng/ul	3941070	Acenaphthene-d10	14.445	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

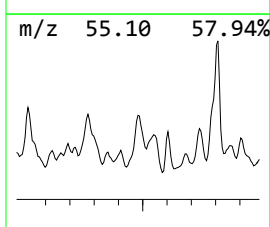
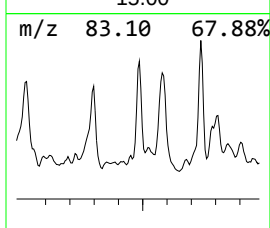
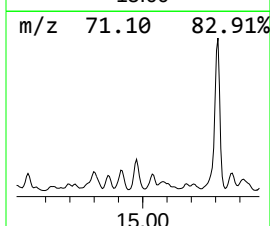
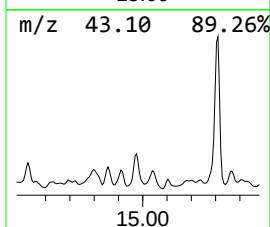
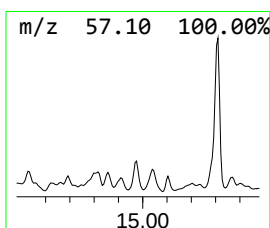
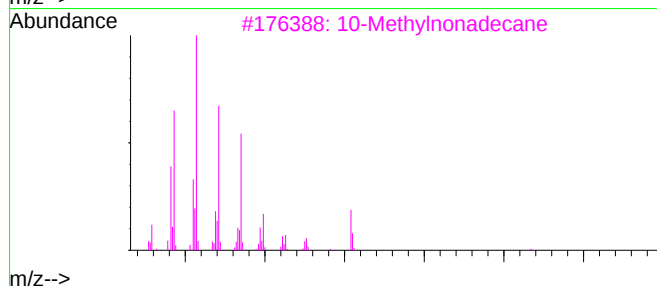
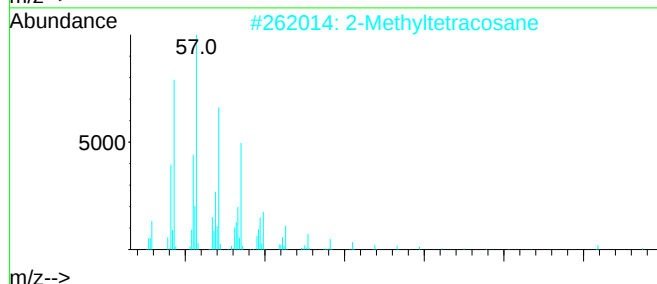
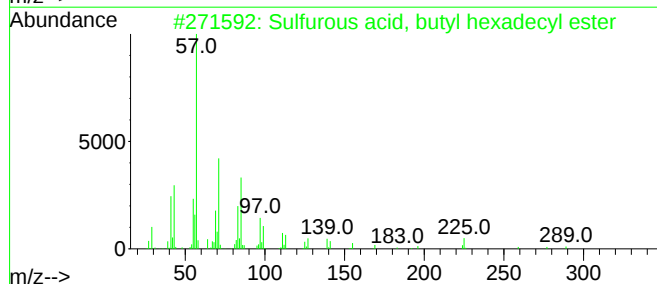
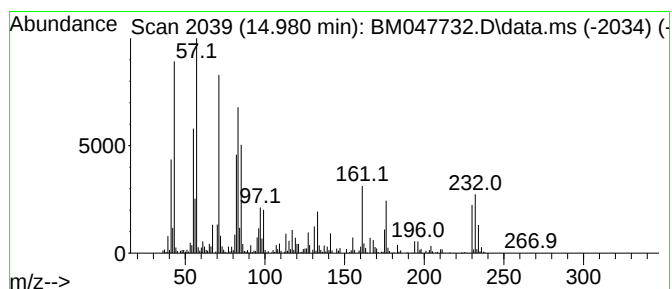
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 unknown-05 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.980	27.73 ng/ul	6816450	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	49
2	2-Methyltetracosane	352	C25H52	001560-78-7	49
3	10-Methylnonadecane	282	C20H42	056862-62-5	46
4	Heptacosane	380	C27H56	000593-49-7	46
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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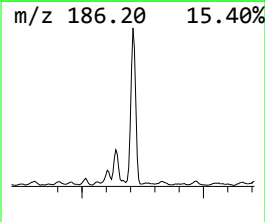
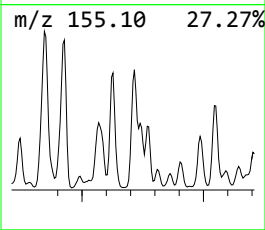
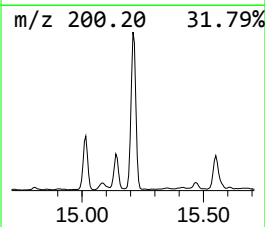
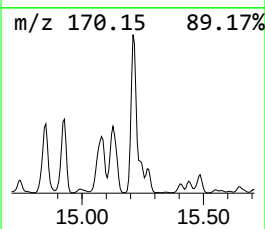
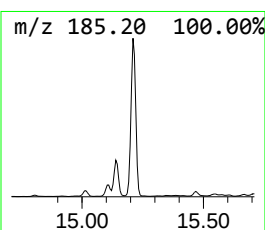
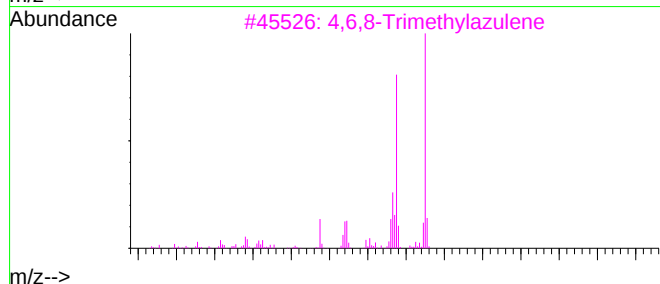
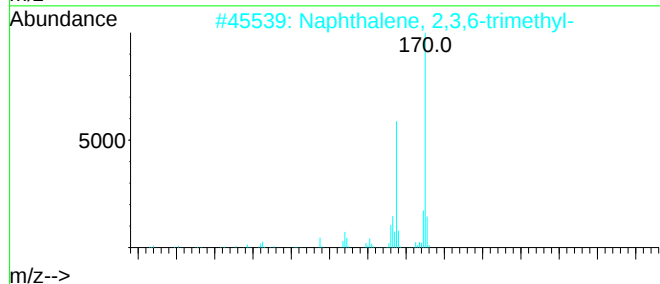
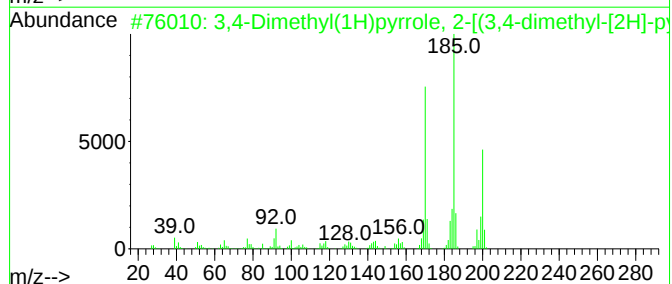
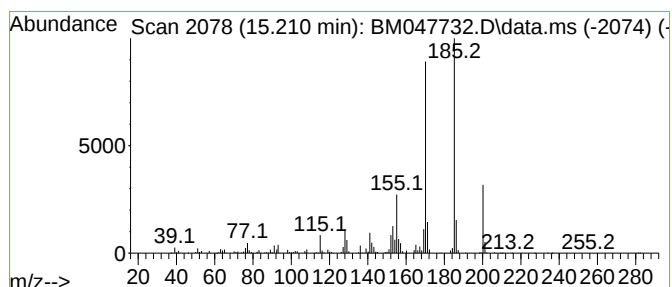
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	31.92 ng/ul	7845970	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200	C13H16N2	065539-79-9	72
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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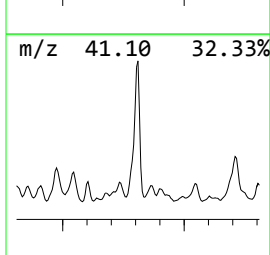
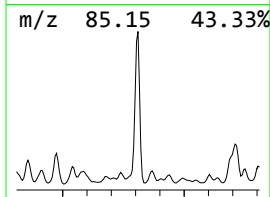
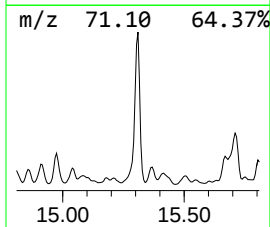
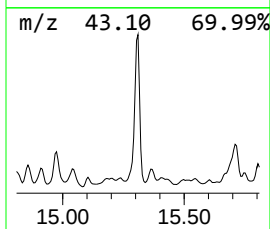
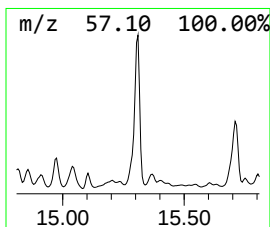
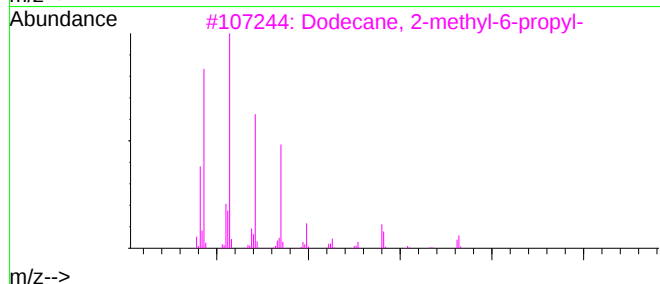
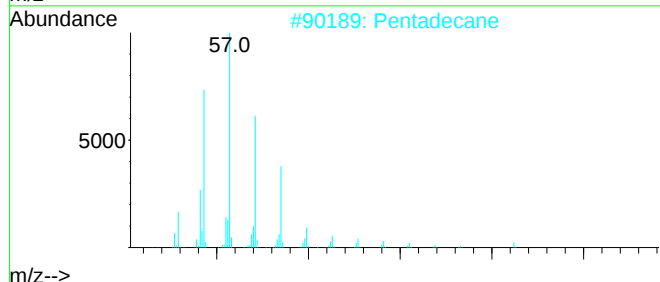
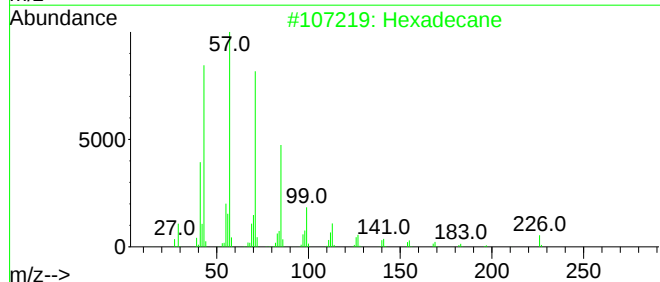
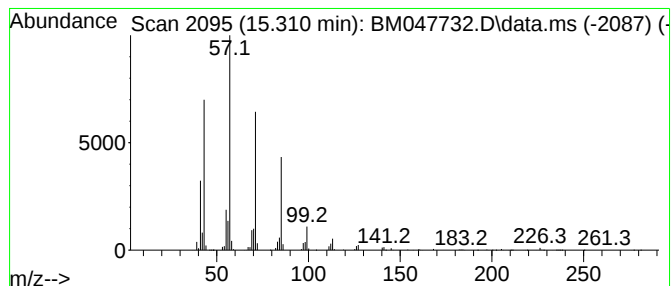
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.310	62.61 ng/ul	15390200	Acenaphthene-d10	14.445	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane	212	C15H32	000629-62-9	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

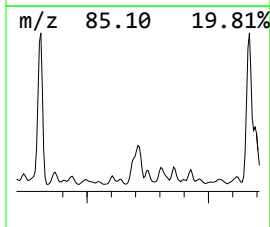
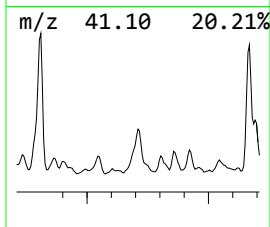
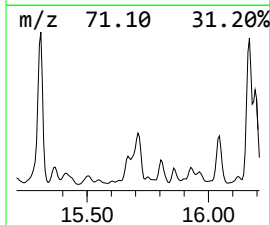
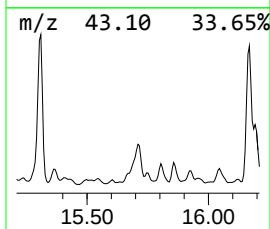
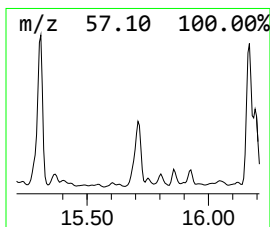
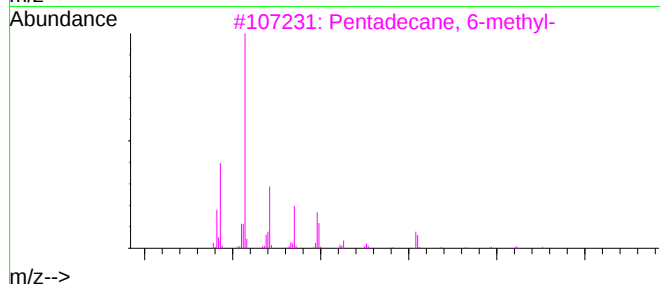
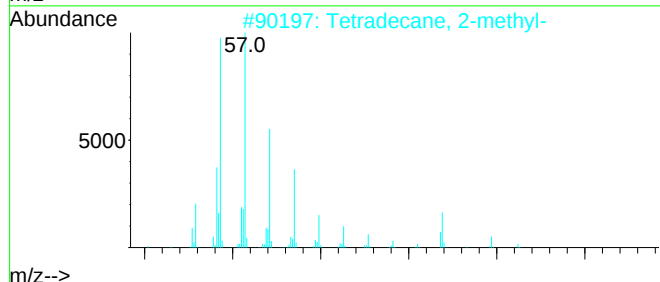
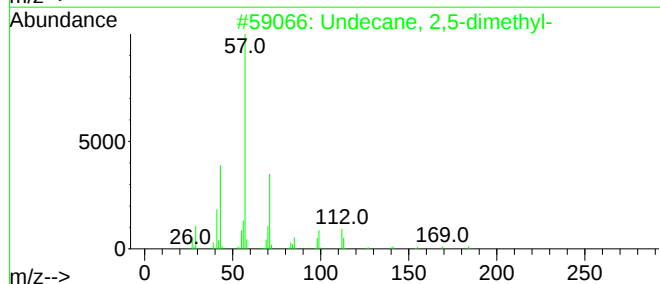
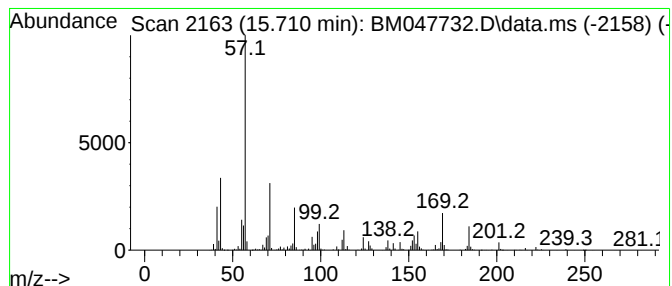
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.710	33.67 ng/ul	8275570	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	62
2	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	59
3	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	50
4	Eicosane	282	C20H42	000112-95-8	47
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

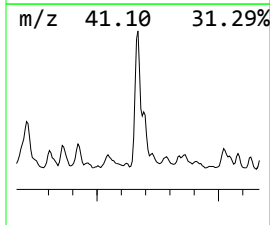
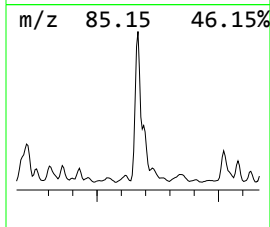
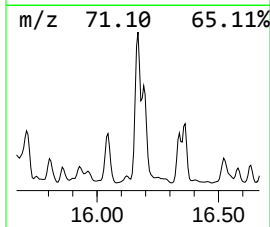
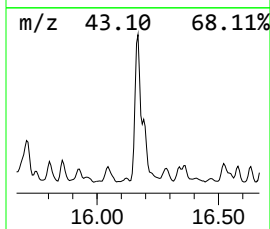
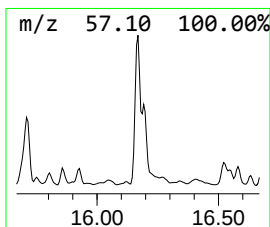
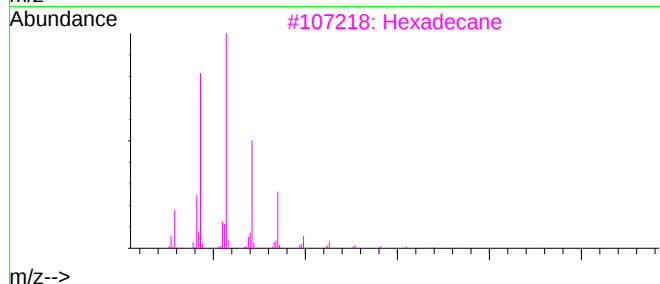
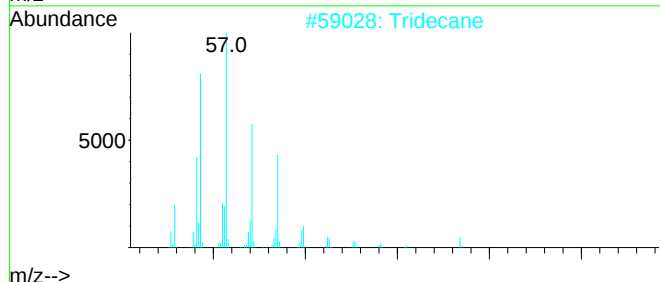
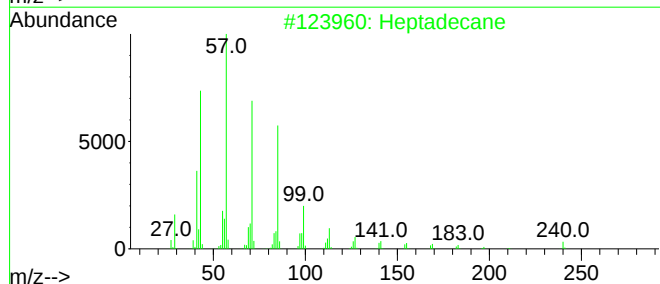
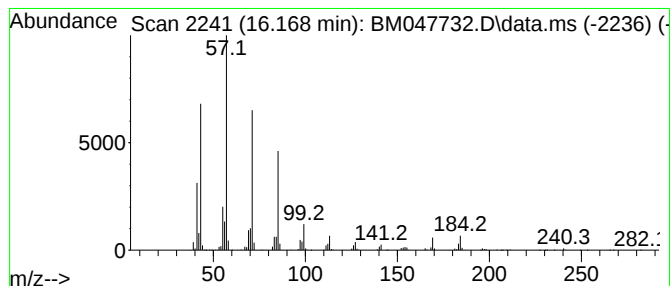
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.169	64.81 ng/ul	14123900	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tridecane	184	C13H28	000629-50-5	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

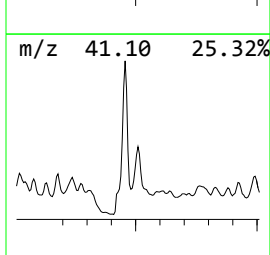
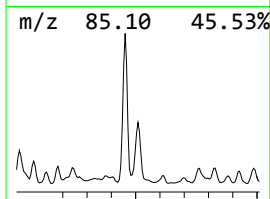
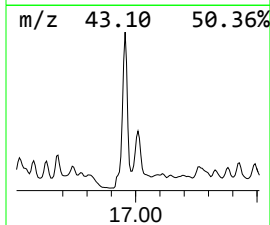
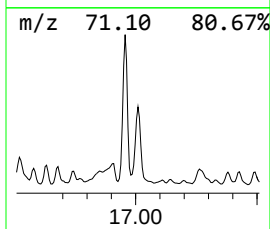
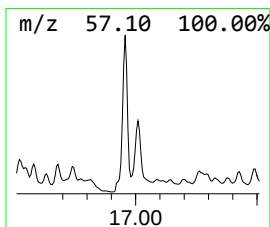
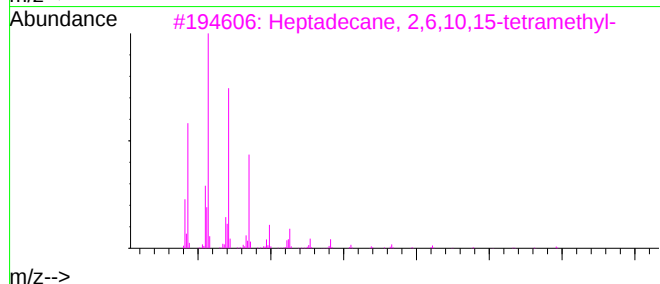
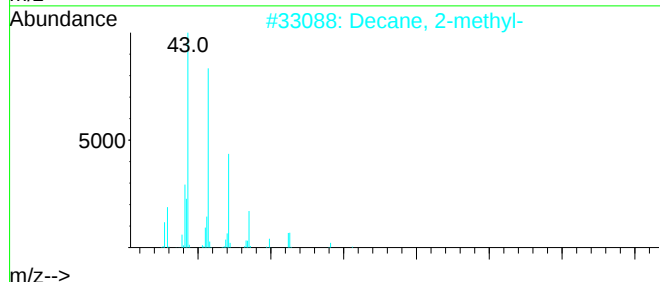
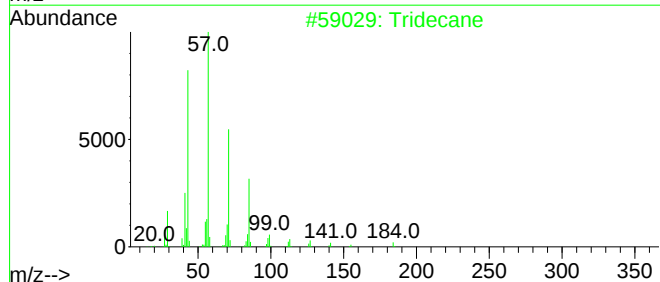
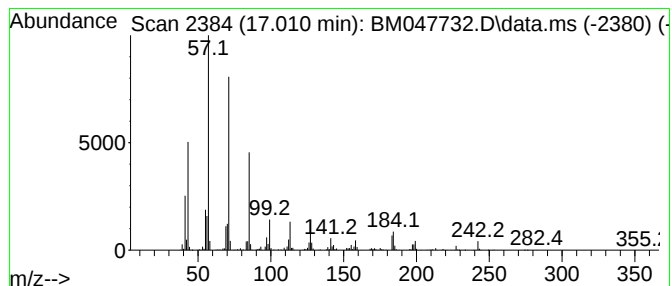
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.010	35.72 ng/ul	7784750	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Decane, 2-methyl-	156	C11H24	006975-98-0	83
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4	Dodecane	170	C12H26	000112-40-3	83
5	Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

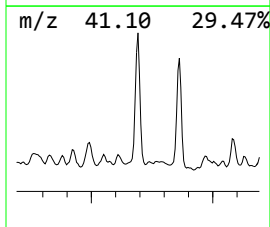
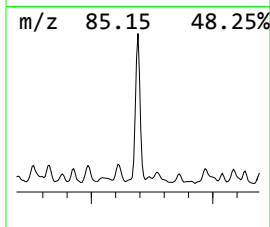
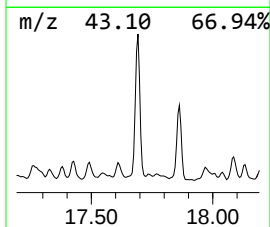
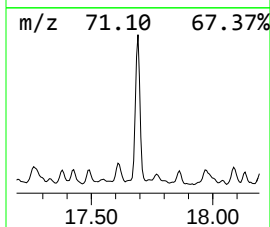
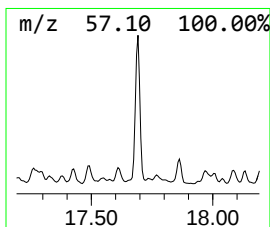
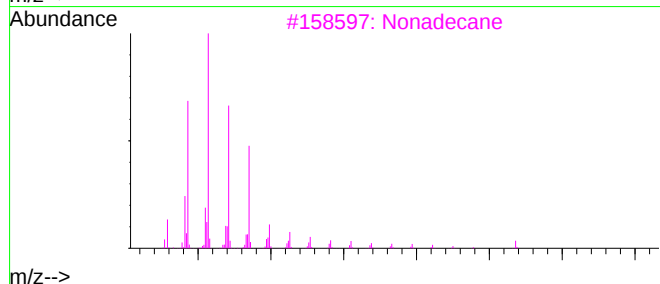
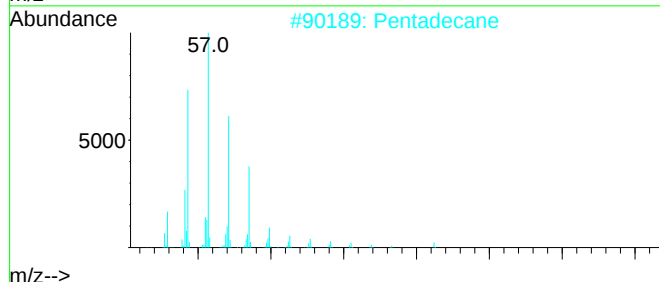
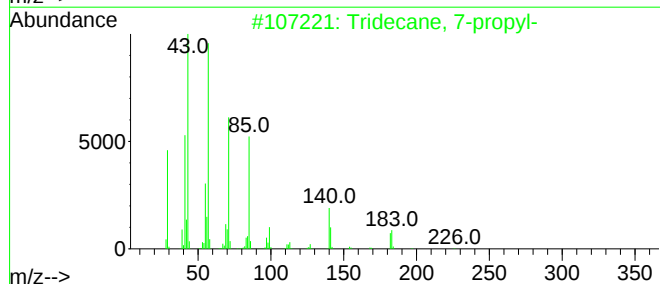
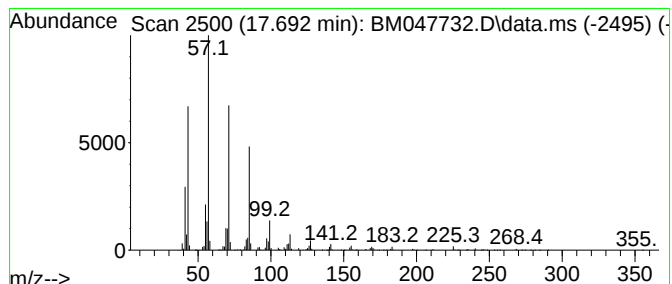
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.692	45.52 ng/ul	9919550	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
2	Pentadecane	212	C15H32	000629-62-9	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

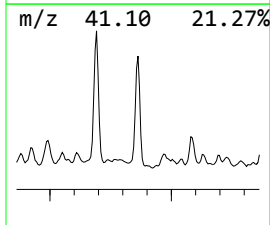
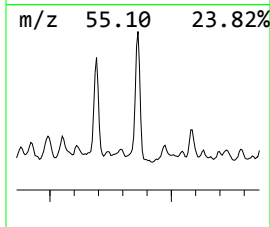
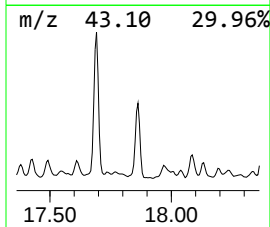
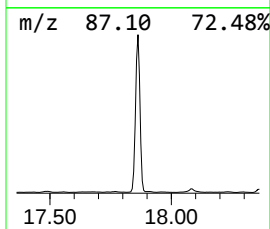
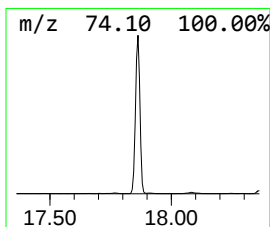
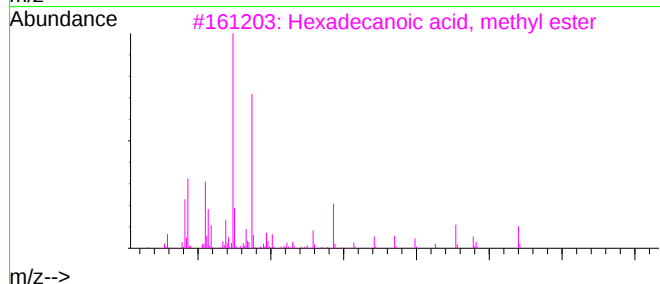
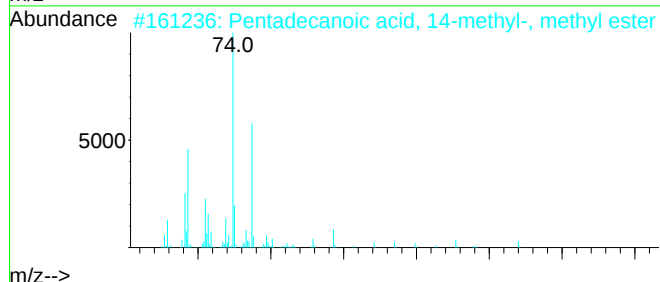
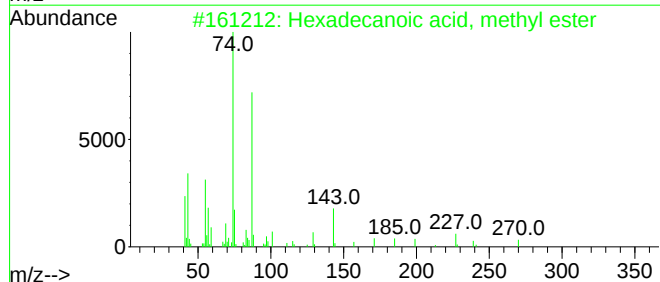
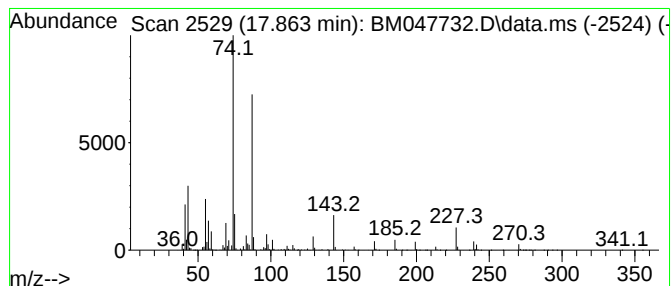
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TIC Integration Parameters: LSCINT.P

Peak Number 69 Hexadecanoic acid, methyl e... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.863	45.74 ng/ul	9968940	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

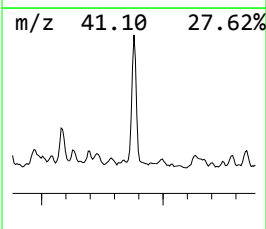
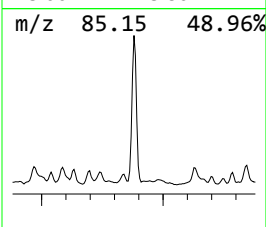
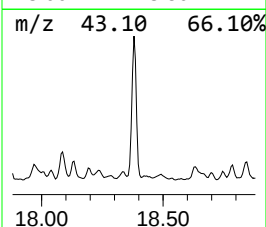
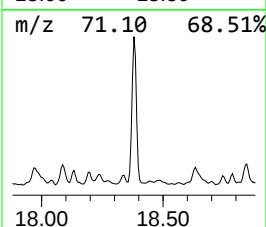
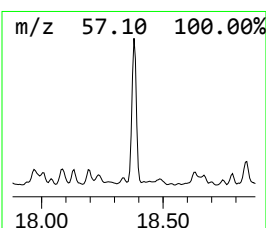
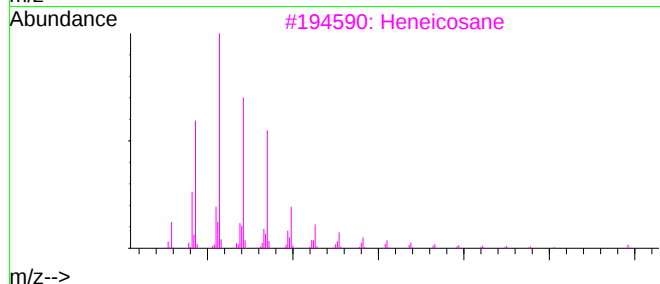
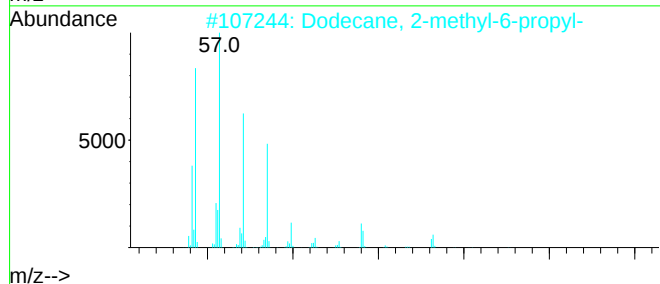
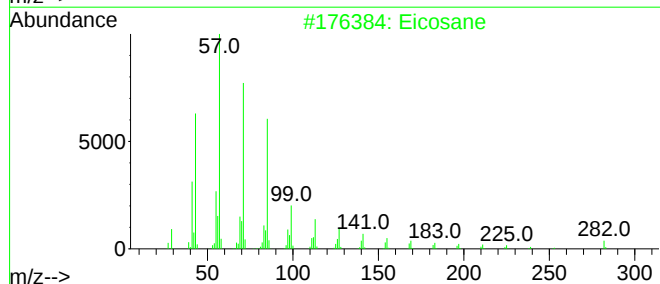
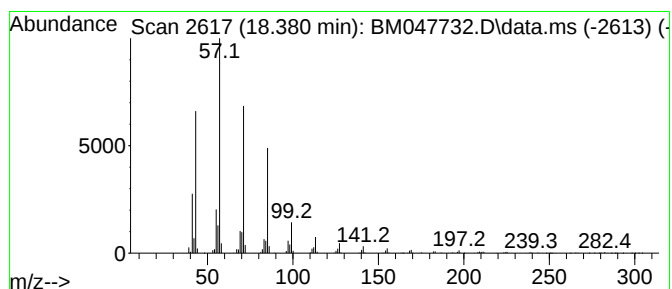
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	35.84 ng/ul	7810130	Phenanthrene-d10	17.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3			Heneicosane	296	C21H44	000629-94-7	91
4			Nonadecane	268	C19H40	000629-92-5	91
5			Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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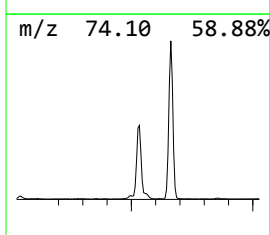
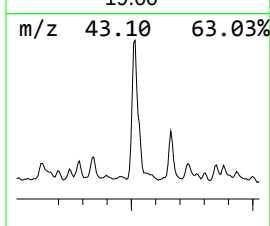
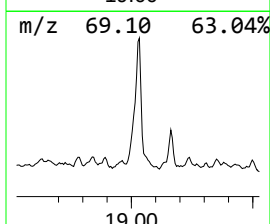
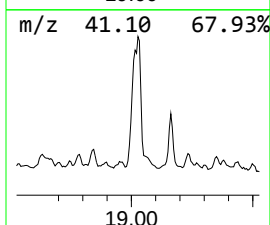
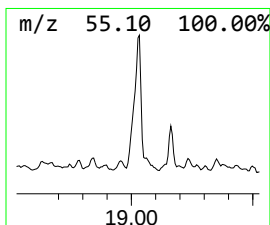
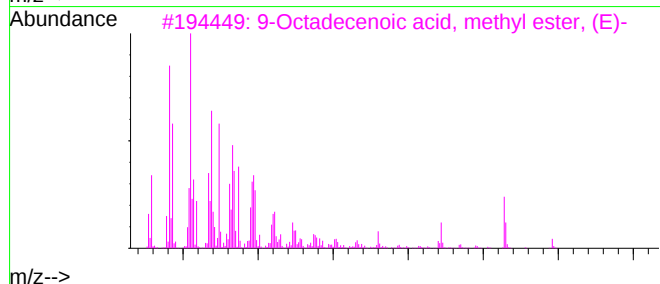
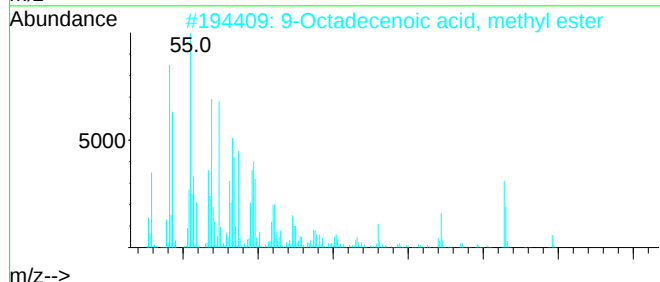
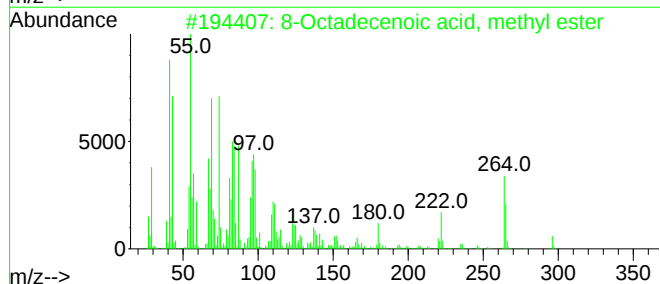
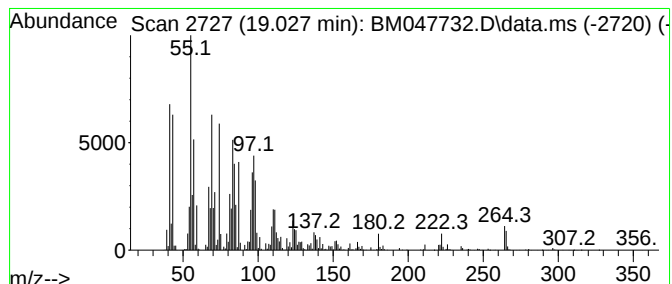
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 71 8-Octadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.027	60.75 ng/ul	13238700	Phenanthrene-d10	17.198	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
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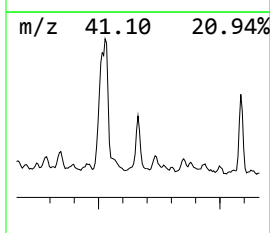
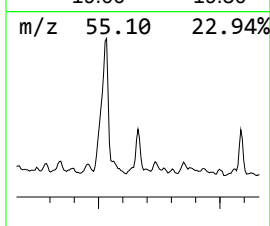
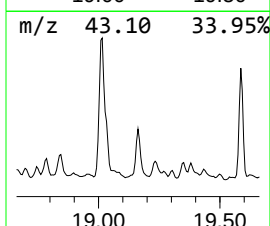
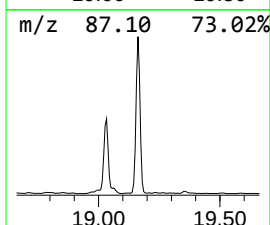
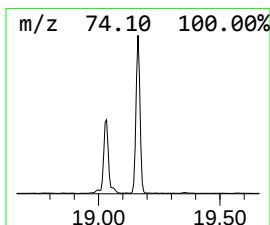
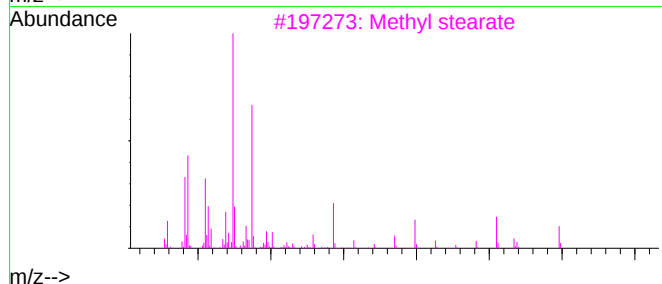
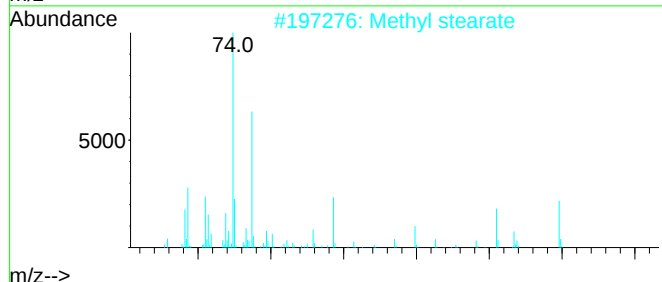
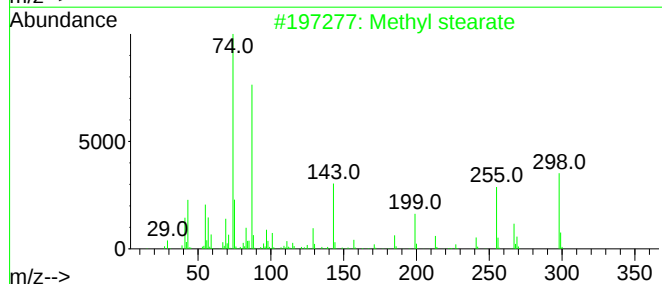
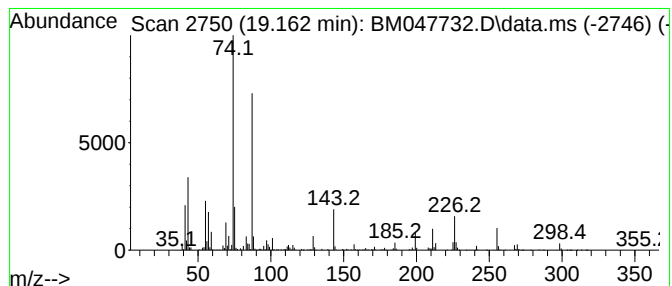
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 72 Methyl stearate Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.162	19.47 ng/ul	4243530	Phenanthrene-d10		17.198	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Methyl stearate		298	C19H38O2	000112-61-8	90
2	Methyl stearate		298	C19H38O2	000112-61-8	90
3	Methyl stearate		298	C19H38O2	000112-61-8	90
4	Heptadecanoic acid, 16-methyl-, ...		298	C19H38O2	005129-61-3	87
5	Heptadecanoic acid, 16-methyl-, ...		298	C19H38O2	005129-61-3	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

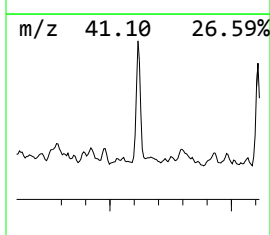
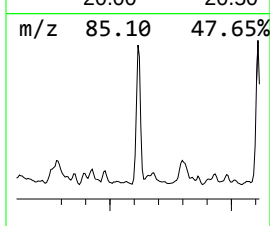
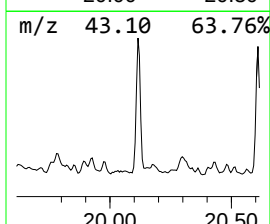
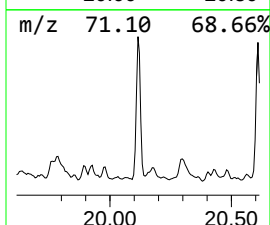
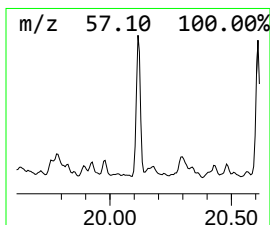
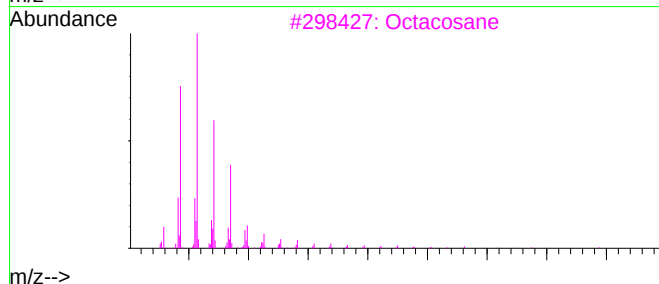
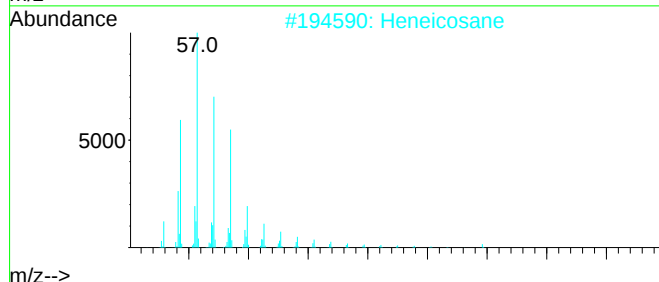
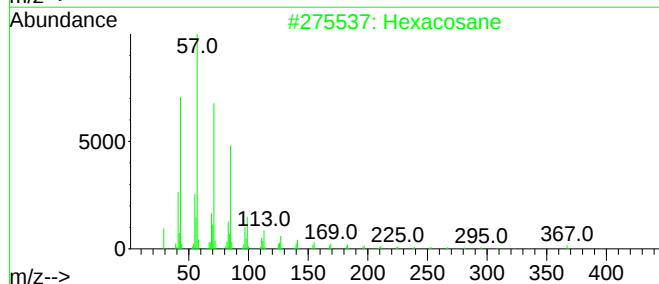
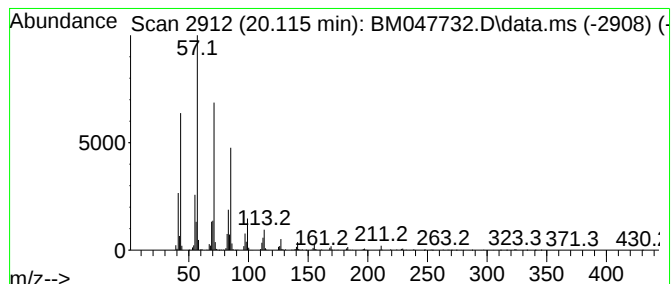
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.115	23.48 ng/ul	4547730	Chrysene-d12	21.403

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

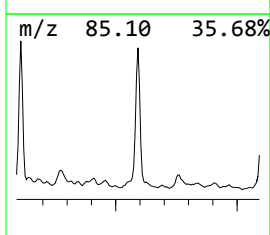
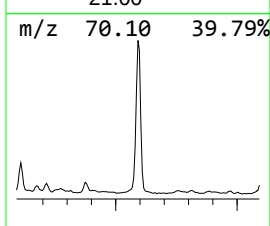
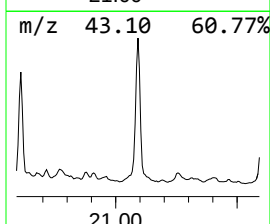
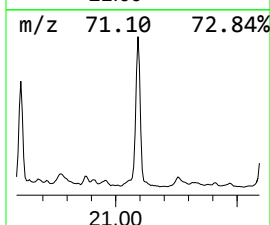
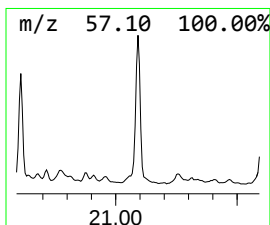
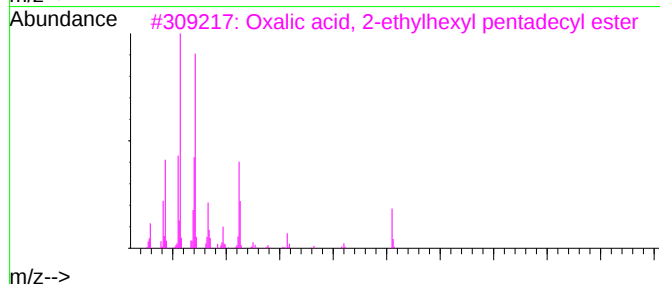
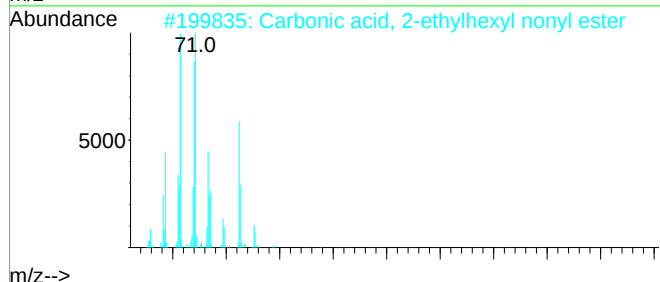
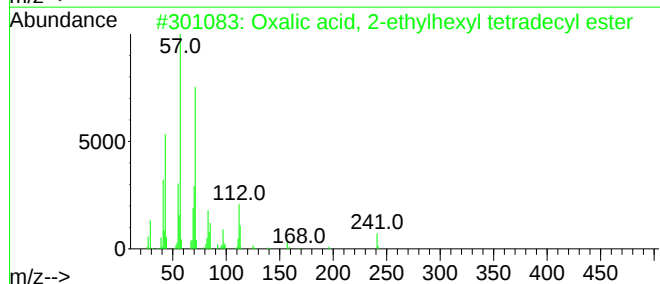
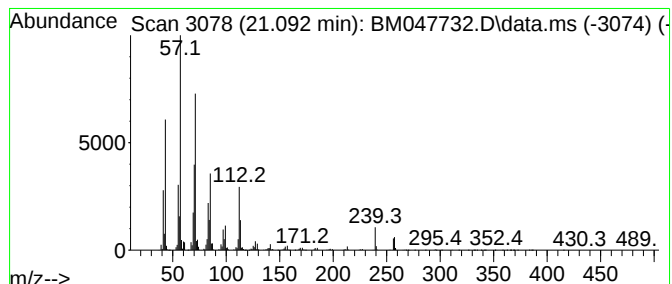
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 74 Oxalic acid, 2-ethylhexyl t... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.092	42.15 ng/ul	8161350	Chrysene-d12	21.403

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 2-ethylhexyl tetrad...	398	C24H46O4	1000309-39-7	80
2	Carbonic acid, 2-ethylhexyl nony...	300	C18H36O3	1000383-13-6	80
3	Oxalic acid, 2-ethylhexyl pentad...	412	C25H48O4	1000309-39-8	58
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	55
5	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

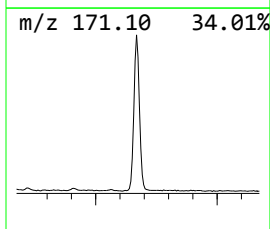
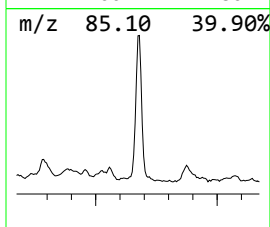
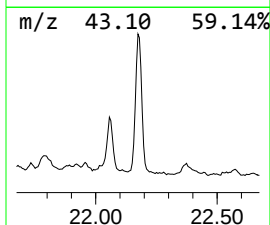
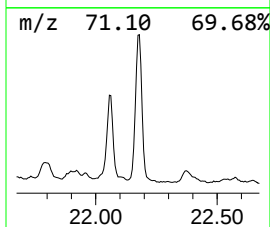
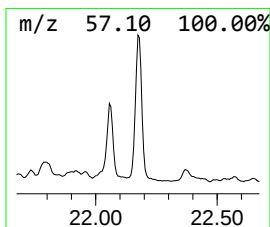
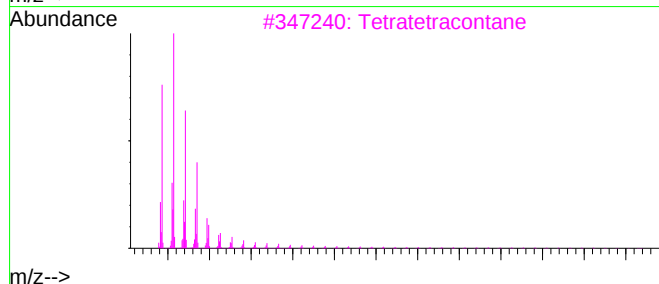
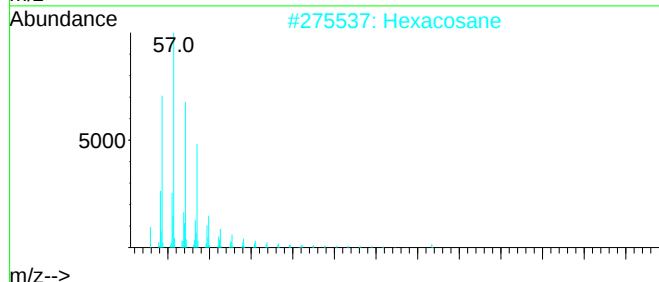
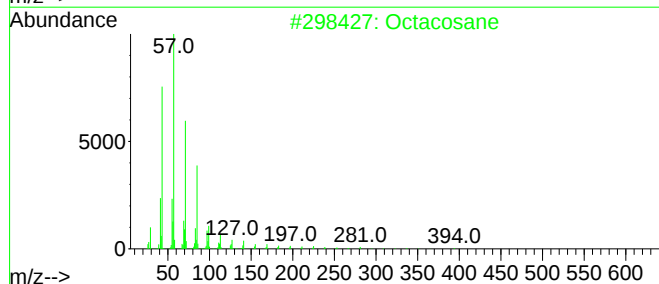
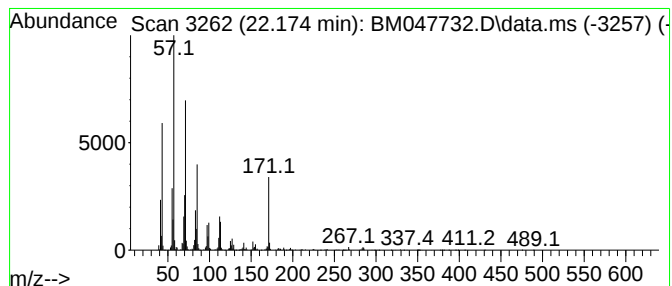
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 75 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.174	27.36 ng/ul	5297310	Chrysene-d12	21.403	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	64
2	Hexacosane	366	C26H54	000630-01-3	62
3	Tetratetracontane	619	C44H90	007098-22-8	62
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	60
5	Oxalic acid, 2-ethylhexyl tetrad...	398	C24H46O4	1000309-39-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCB6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	5.840	26.1	ng/u/l	18677200	1	7.816	14294300	20.0
(DEL) Alkane: C...	6.099	5.9	ng/u/l	4187040	1	7.816	14294300	20.0
Hexylene glycol	6.157	11.1	ng/u/l	7946690	1	7.816	14294300	20.0
(DEL) Alkane: S...	6.222	5.4	ng/u/l	3883140	1	7.816	14294300	20.0
2-Methyl-1-hexanol	6.322	11.2	ng/u/l	8008820	1	7.816	14294300	20.0
(DEL) Alkane: S...	6.381	9.0	ng/u/l	6421560	1	7.816	14294300	20.0
(DEL) Alkane: C...	6.463	11.1	ng/u/l	7934210	1	7.816	14294300	20.0
(DEL) Alkane: S...	6.722	7.9	ng/u/l	5621520	1	7.816	14294300	20.0
(DEL) Alkane: S...	6.787	7.0	ng/u/l	4991170	1	7.816	14294300	20.0
(DEL) Alkane: S...	6.822	12.1	ng/u/l	8672190	1	7.816	14294300	20.0
(DEL) Alkane: S...	6.875	15.0	ng/u/l	10740000	1	7.816	14294300	20.0
Benzene, 1-ethy...	6.910	10.7	ng/u/l	7610560	1	7.816	14294300	20.0
Benzene, 1-ethy...	7.204	11.0	ng/u/l	7877730	1	7.816	14294300	20.0
2-Heptanone, 4,...	7.251	13.7	ng/u/l	9783670	1	7.816	14294300	20.0
(DEL) Alkane: S...	7.463	59.0	ng/u/l	42183300	1	7.816	14294300	20.0
1-Hexanol, 2-et...	7.904	53.8	ng/u/l	38419200	1	7.816	14294300	20.0
(DEL) Alkane: S...	8.016	6.3	ng/u/l	4476300	1	7.816	14294300	20.0
D-Limonene	8.045	17.6	ng/u/l	12577100	1	7.816	14294300	20.0
(DEL) Alkane: C...	8.116	8.3	ng/u/l	5903970	1	7.816	14294300	20.0
Cyclohexanone, ...	8.257	15.9	ng/u/l	11403000	1	7.816	14294300	20.0
Benzene, 1,4-di...	8.304	9.9	ng/u/l	7113500	1	7.816	14294300	20.0
Benzene, 1-meth...	8.363	18.8	ng/u/l	13444700	1	7.816	14294300	20.0
(DEL) Alkane: S...	8.416	9.4	ng/u/l	6735960	1	7.816	14294300	20.0
Benzene, 2-ethy...	8.463	14.6	ng/u/l	10440400	1	7.816	14294300	20.0
(DEL) Alkane: S...	8.593	15.7	ng/u/l	11195100	1	7.816	14294300	20.0
Benzene, 1-meth...	8.628	10.5	ng/u/l	7478630	1	7.816	14294300	20.0
o-Cymene	8.822	9.9	ng/u/l	7101930	1	7.816	14294300	20.0
(DEL) Alkane: S...	9.063	56.9	ng/u/l	40629300	1	7.816	14294300	20.0
unknown-01	9.181	22.0	ng/u/l	15722500	1	7.816	14294300	20.0
(DEL) Alkane: S...	9.463	2.3	ng/u/l	3961330	2	10.610	34179900	20.0
(DEL) Alkane: S...	9.616	3.3	ng/u/l	5587940	2	10.610	34179900	20.0
(DEL) Alkane: S...	9.904	4.0	ng/u/l	6840550	2	10.610	34179900	20.0
(DEL) Alkane: S...	9.969	2.8	ng/u/l	4810670	2	10.610	34179900	20.0
(DEL) Alkane: S...	10.045	3.1	ng/u/l	5374460	2	10.610	34179900	20.0
(DEL) Alkane: S...	10.151	2.5	ng/u/l	4179730	2	10.610	34179900	20.0
(DEL) Alkane: C...	10.892	3.9	ng/u/l	6698970	2	10.610	34179900	20.0
unknown-02	10.998	9.5	ng/u/l	16272300	2	10.610	34179900	20.0
(DEL) Alkane: S...	11.122	8.5	ng/u/l	14582000	2	10.610	34179900	20.0
(DEL) Alkane: S...	11.534	3.3	ng/u/l	5550620	2	10.610	34179900	20.0
(DEL) Alkane: S...	12.045	8.8	ng/u/l	15028700	2	10.610	34179900	20.0
(DEL) Alkane: C...	12.081	3.7	ng/u/l	6359470	2	10.610	34179900	20.0
Heptafluorobuty...	12.692	18.3	ng/u/l	4497170	3	14.445	4916040	20.0
Propanoic acid,...	13.204	20.8	ng/u/l	5116660	3	14.445	4916040	20.0
Butanoic acid, ...	13.422	37.6	ng/u/l	9248600	3	14.445	4916040	20.0
unknown-03	13.504	28.8	ng/u/l	7081770	3	14.445	4916040	20.0
Naphthalene, 2,...	13.633	39.2	ng/u/l	9645950	3	14.445	4916040	20.0
unknown-04	13.722	35.8	ng/u/l	8805150	3	14.445	4916040	20.0
Naphthalene, 1,...	13.775	23.5	ng/u/l	5771750	3	14.445	4916040	20.0
(DEL) Alkane: S...	14.363	90.0	ng/u/l	22123200	3	14.445	4916040	20.0
Naphthalene, 2,...	14.851	16.9	ng/u/l	4167230	3	14.445	4916040	20.0
Naphthalene, 1,...	14.922	16.0	ng/u/l	3941070	3	14.445	4916040	20.0
unknown-05	14.980	27.7	ng/u/l	6816450	3	14.445	4916040	20.0

3,4-Dimethyl(1H...	15.210	31.9	ng/ul	7845970	3	14.445	4916040	20.0
(DEL) Alkane: S...	15.310	62.6	ng/ul	15390200	3	14.445	4916040	20.0
(DEL) Alkane: S...	15.710	33.7	ng/ul	8275570	3	14.445	4916040	20.0
(DEL) Alkane: S...	16.169	64.8	ng/ul	14123900	4	17.198	4358620	20.0
(DEL) Alkane: S...	17.010	35.7	ng/ul	7784750	4	17.198	4358620	20.0
(DEL) Alkane: S...	17.692	45.5	ng/ul	9919550	4	17.198	4358620	20.0
Hexadecanoic ac...	17.863	45.7	ng/ul	9968940	4	17.198	4358620	20.0
(DEL) Alkane: S...	18.380	35.8	ng/ul	7810130	4	17.198	4358620	20.0
8-Octadecenoic ...	19.027	60.8	ng/ul	13238700	4	17.198	4358620	20.0
Methyl stearate	19.162	19.5	ng/ul	4243530	4	17.198	4358620	20.0
(DEL) Alkane: S...	20.115	23.5	ng/ul	4547730	5	21.403	3872870	20.0
Oxalic acid, 2-...	21.092	42.1	ng/ul	8161350	5	21.403	3872870	20.0
(DEL) Alkane: S...	22.174	27.4	ng/ul	5297310	5	21.403	3872870	20.0

Instrument :

BNA_M

ClientSampleId :

DDCB6