

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
 Data File : BN034283.D
 Acq On : 30 Sep 2024 18:47
 Operator : RC/JU
 Sample : P4019-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC38

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_N\Methods\SFAM-EPA-BN091124.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN034283.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.463	430	438	445	rVB2	10278142	18772900	21.32%	1.635%
2	5.916	509	515	523	rBV4	2629897	5626001	6.39%	0.490%
3	5.993	523	528	532	rBV	3922260	5898390	6.70%	0.514%
4	6.057	532	539	543	rBV3	2773265	6200461	7.04%	0.540%
5	6.322	576	584	589	rBV2	1729861	4362026	4.95%	0.380%
6	6.393	589	596	598	rBV2	3327780	6386123	7.25%	0.556%
7	6.422	598	601	606	rVB	4541539	6499571	7.38%	0.566%
8	6.481	606	611	613	rBV	5995826	9489681	10.78%	0.826%
9	6.510	613	616	620	rVB	6054709	8217724	9.33%	0.716%
10	6.581	620	628	633	rVB3	6480644	16217148	18.42%	1.412%
11	6.640	633	638	643	rVB	5231583	7915888	8.99%	0.689%
12	6.799	659	665	669	rBV	5898611	9570875	10.87%	0.833%
13	6.851	669	674	679	rBV	4624098	7928886	9.01%	0.690%
14	6.946	685	690	701	rVB2	5332028	11082861	12.59%	0.965%
15	7.057	701	709	717	rBV2	17159806	38897552	44.18%	3.387%
16	7.228	733	738	747	rBV4	1270988	4352178	4.94%	0.379%
17	7.404	762	768	774	rVB2	2888300	6636548	7.54%	0.578%
18	7.522	779	788	800	rBV3	10997589	34450397	39.13%	3.000%
19	7.646	800	809	815	rBV4	17467822	70710140	80.31%	6.157%
20	7.710	818	820	826	rVB2	4029427	4900921	5.57%	0.427%
21	7.840	837	842	846	rBV2	2611845	4400503	5.00%	0.383%
22	7.893	846	851	855	rBV4	3287518	5438644	6.18%	0.474%
23	7.946	855	860	865	rVB3	7795583	13327291	15.14%	1.160%
24	7.998	865	869	872	rBV	4379710	6166260	7.00%	0.537%
25	8.040	872	876	879	rBV2	5940855	8940896	10.15%	0.778%
26	8.069	879	881	891	rVB2	6856584	11005870	12.50%	0.958%
27	8.175	892	899	901	rBV	6083627	10135260	11.51%	0.882%
28	8.345	923	928	932	rBV	4219433	6430562	7.30%	0.560%
29	8.398	932	937	943	rVB	4601422	7333040	8.33%	0.638%
30	8.493	943	953	962	rBV2	5527951	13132487	14.91%	1.143%
31	8.645	971	979	983	rVB	14704980	30281240	34.39%	2.637%
32	8.740	983	995	1002	rVB7	3565254	10197969	11.58%	0.888%
33	8.822	1002	1009	1013	rBV3	4313639	7811498	8.87%	0.680%
34	9.069	1048	1051	1063	rVB3	3047069	7485661	8.50%	0.652%
35	9.181	1063	1070	1077	rVB	2666693	4798099	5.45%	0.418%
36	9.269	1077	1085	1088	rBV3	2220148	4957790	5.63%	0.432%

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Smoothing : OFF

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Stop Thrs : 0

Filtering: 5

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Max Peaks: 100

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

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
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37	9.328	1088	1095	1099	rBV3	2841266	6020790	6.84%	0.524%
38	9.469	1109	1119	1124	rVB2	3105088	7570544	8.60%	0.659%
39	9.534	1124	1130	1133	rBV3	2613251	4463018	5.07%	0.389%
40	9.716	1153	1161	1165	rBV2	2585564	4779128	5.43%	0.416%
41	9.869	1181	1187	1192	rBV2	3221800	5253786	5.97%	0.457%
42	10.175	1226	1239	1247	rVV5	11308899	38164360	43.34%	3.323%
43	10.298	1253	1260	1265	rBV2	8938800	14982723	17.02%	1.305%
44	10.557	1297	1304	1314	rBV	10593855	18949358	21.52%	1.650%
45	10.692	1316	1327	1332	rVV	5201890	10863620	12.34%	0.946%
46	11.210	1408	1415	1420	rBV	6058204	11661660	13.24%	1.015%
47	11.275	1420	1426	1432	rVB	10214487	18280402	20.76%	1.592%
48	11.451	1451	1456	1461	rVB	7427772	11863698	13.47%	1.033%
49	11.622	1475	1485	1487	rBV2	7806058	16277727	18.49%	1.417%
50	11.651	1487	1490	1495	rVV	7111332	10332655	11.74%	0.900%
51	11.757	1504	1508	1510	rVV	3336369	5160467	5.86%	0.449%
52	11.786	1510	1513	1517	rVV3	3504419	6521295	7.41%	0.568%
53	11.834	1517	1521	1524	rVV	4685409	7774180	8.83%	0.677%
54	11.875	1524	1528	1536	rVB	10095168	15217131	17.28%	1.325%
55	12.034	1549	1555	1563	rBV3	4012558	10102206	11.47%	0.880%
56	12.281	1591	1597	1607	rVV2	5418263	11653632	13.24%	1.015%
57	12.457	1623	1627	1633	rVV3	3050064	5470529	6.21%	0.476%
58	12.598	1646	1651	1659	rVB3	2915969	6246376	7.09%	0.544%
59	12.804	1678	1686	1692	rBV	3305419	6051765	6.87%	0.527%
60	12.898	1693	1702	1712	rBV	8566069	16406203	18.63%	1.428%
61	13.022	1718	1723	1726	rBV2	2771851	4308412	4.89%	0.375%
62	13.204	1747	1754	1760	rBV3	3338538	9481365	10.77%	0.826%
63	13.333	1771	1776	1779	rBV	5026117	8253115	9.37%	0.719%
64	13.369	1779	1782	1786	rVV	3496808	5100271	5.79%	0.444%
65	13.416	1786	1790	1796	rVV5	4635189	8304352	9.43%	0.723%
66	13.563	1805	1815	1819	rBV2	3836419	9352757	10.62%	0.814%
67	13.704	1832	1839	1844	rBV5	4238964	8899045	10.11%	0.775%
68	14.004	1883	1890	1893	rVV	16258661	33379674	37.91%	2.906%
69	14.039	1893	1896	1905	rVV4	2794038	5715741	6.49%	0.498%
70	14.157	1911	1916	1921	rVV3	5089316	8816431	10.01%	0.768%
71	14.216	1921	1926	1930	rVB	11746900	17238160	19.58%	1.501%
72	14.292	1935	1939	1942	rVV4	3747975	6195693	7.04%	0.539%
73	14.439	1960	1964	1971	rVB4	2468332	5799403	6.59%	0.505%
74	14.539	1976	1981	1986	rVB4	3109964	5100617	5.79%	0.444%
75	14.610	1989	1993	1997	rBV	3092563	4473542	5.08%	0.390%
76	14.651	1997	2000	2002	rVV	3717371	4938949	5.61%	0.430%

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 Title : SVOA CALIBRATION

77	14.704	2002	2009	2013	rVV2	12454027	27173664	30.86%	2.366%
78	14.739	2013	2015	2019	rVB	3696414	4386110	4.98%	0.382%
79	14.833	2024	2031	2037	rBV	9847693	17664382	20.06%	1.538%
80	14.951	2043	2051	2055	rBV2	9031356	17193814	19.53%	1.497%
81	15.180	2083	2090	2095	rBV2	6960029	13068428	14.84%	1.138%
82	15.357	2112	2120	2124	rVB2	3780178	8039382	9.13%	0.700%
83	15.816	2192	2198	2201	rBV	8783809	14409923	16.37%	1.255%
84	16.527	2304	2319	2321	rBV4	19858760	88049061	100.00%	7.666%
85	16.610	2329	2333	2337	rVV	6814266	8695179	9.88%	0.757%
86	16.657	2337	2341	2352	rVB4	4882781	10402058	11.81%	0.906%
87	16.833	2366	2371	2374	rBV2	2618814	5232526	5.94%	0.456%
88	16.933	2383	2388	2392	rVV2	5678492	7911356	8.99%	0.689%
89	16.980	2392	2396	2400	rVB2	5726036	7249574	8.23%	0.631%
90	17.345	2451	2458	2463	rBV	6977174	9850119	11.19%	0.858%
91	17.521	2484	2488	2498	rVB2	4425618	7023926	7.98%	0.612%
92	17.745	2521	2526	2531	rVB2	2780442	4552932	5.17%	0.396%
93	18.039	2571	2576	2580	rVB	5543861	6977184	7.92%	0.607%
94	18.686	2681	2686	2687	rBV2	4461122	5816185	6.61%	0.506%
95	19.268	2781	2785	2792	rVB	3772891	4411047	5.01%	0.384%
96	19.804	2871	2876	2883	rVB3	4280998	5888704	6.69%	0.513%
97	20.774	3037	3041	3051	rVB	5910827	7342820	8.34%	0.639%
98	21.774	3206	3211	3216	rVB2	2894116	4938342	5.61%	0.430%
99	23.739	3539	3545	3552	rBV	3191582	6585204	7.48%	0.573%
100	25.674	3869	3874	3888	rVB3	1564628	4262944	4.84%	0.371%

Sum of corrected areas: 1148508985

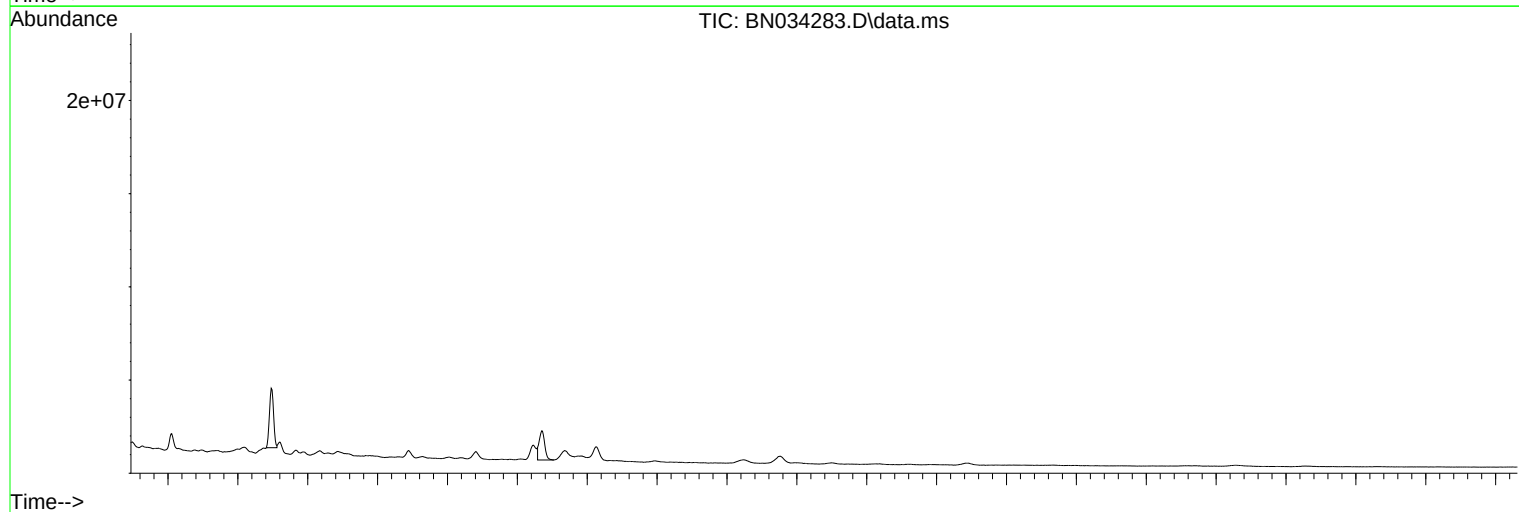
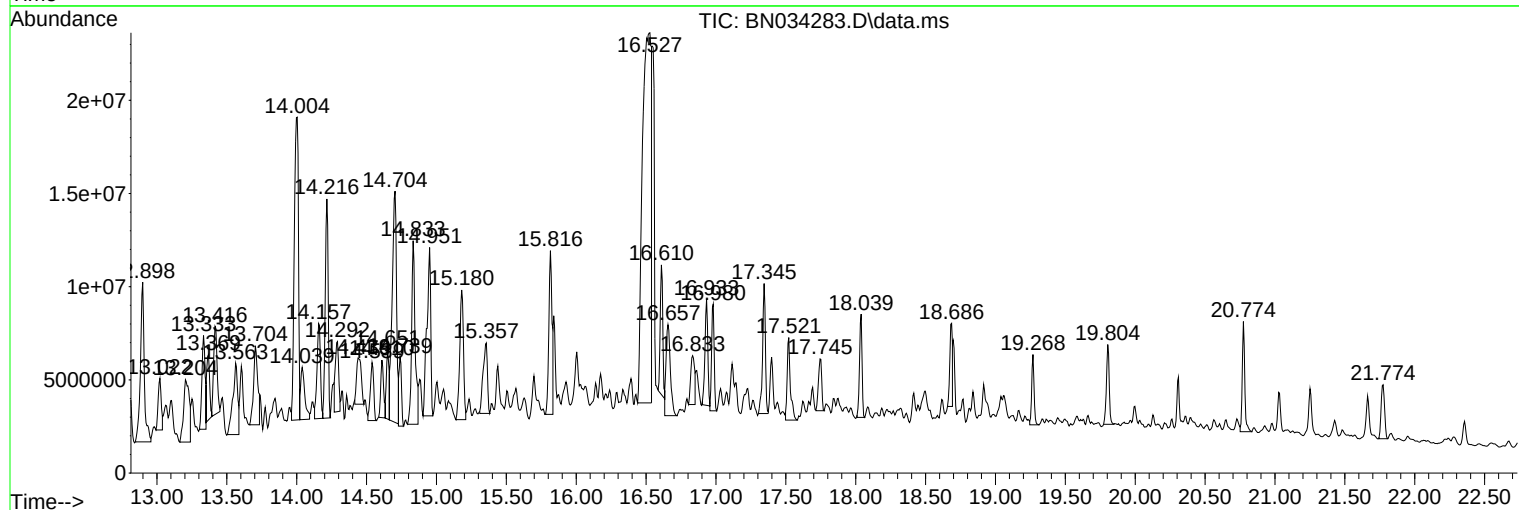
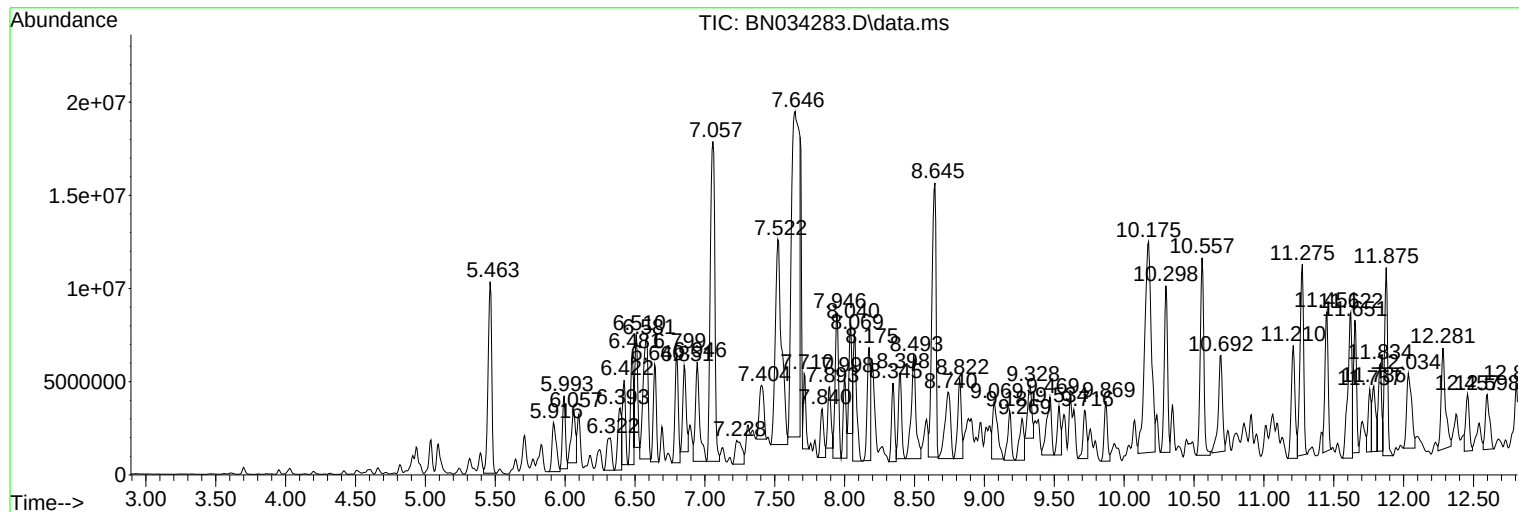
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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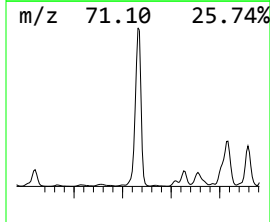
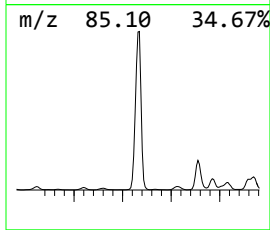
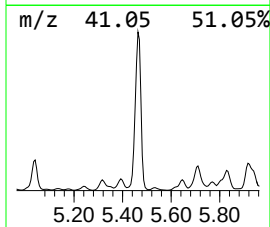
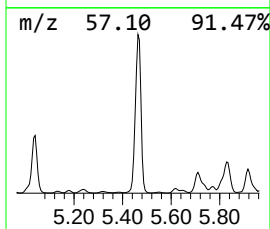
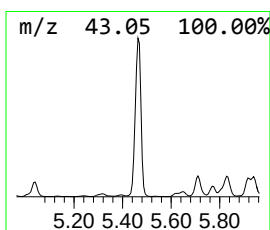
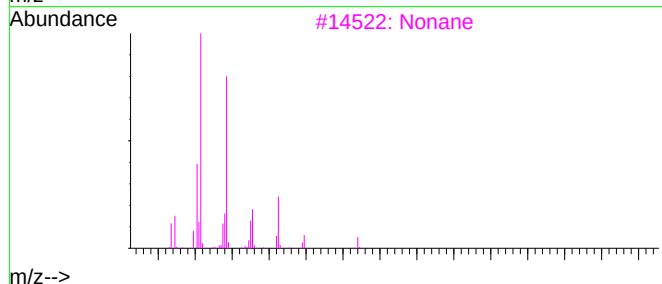
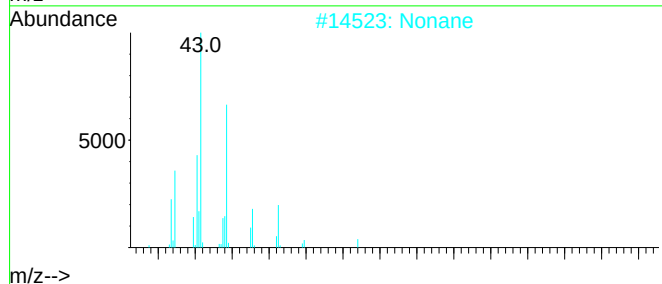
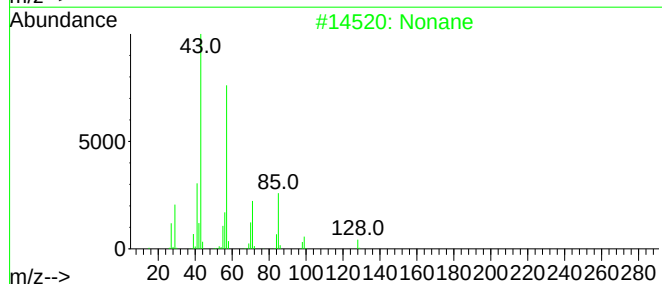
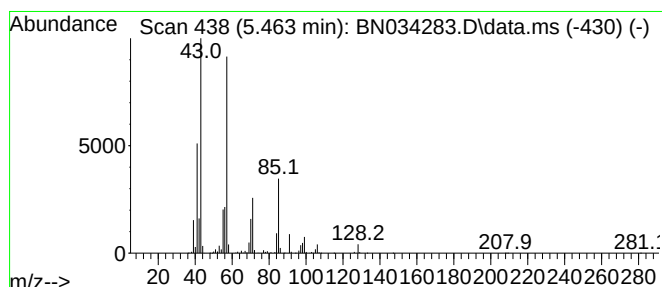
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.463	56.57 ng/ul	18772900	1,4-Dichlorobenzene-d4	7.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	95
2	Nonane			128	C9H20	000111-84-2	93
3	Nonane			128	C9H20	000111-84-2	90
4	Nonane			128	C9H20	000111-84-2	80
5	Octane			114	C8H18	000111-65-9	58



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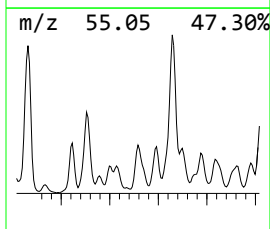
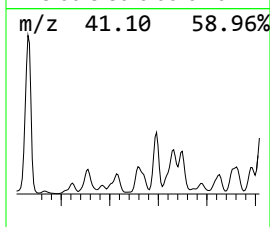
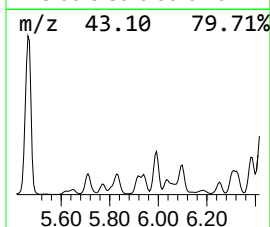
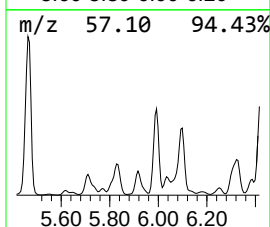
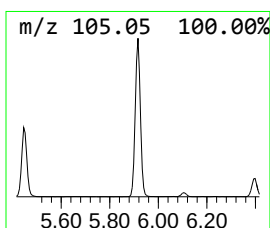
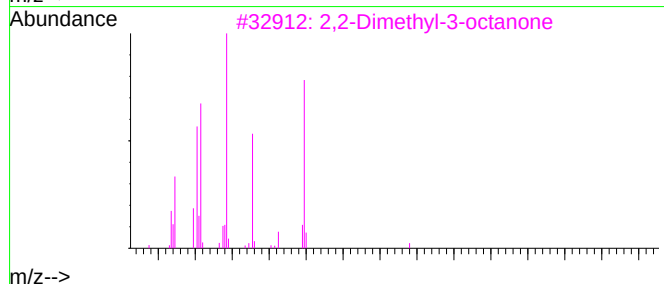
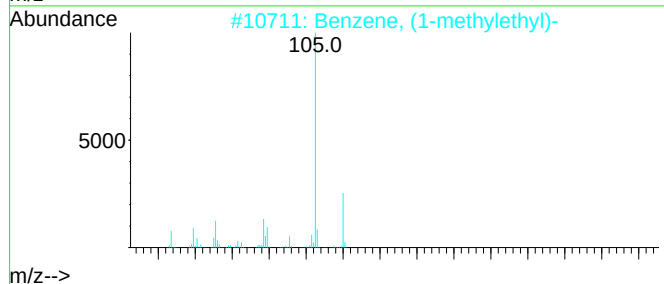
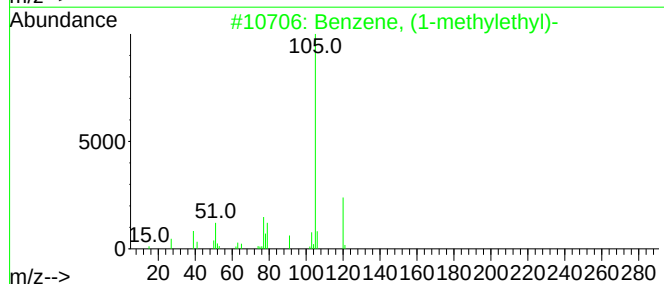
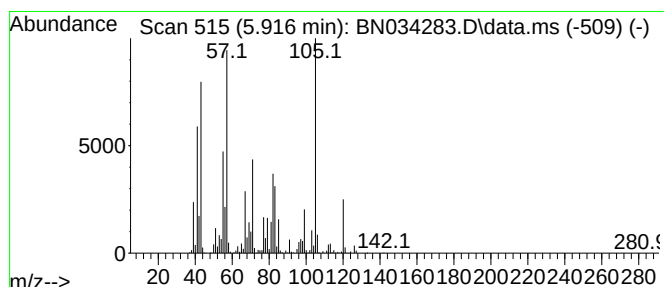
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.916	16.95 ng/ul	5626000	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	56
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	53
3	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	27
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	25
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	25



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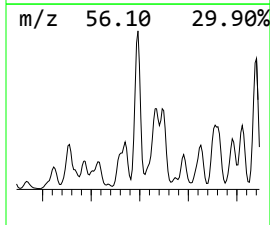
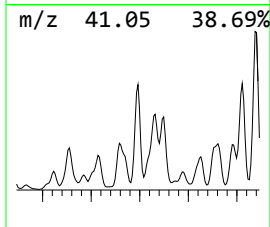
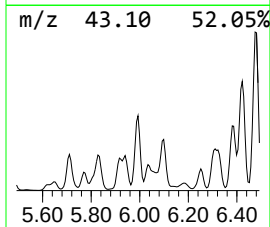
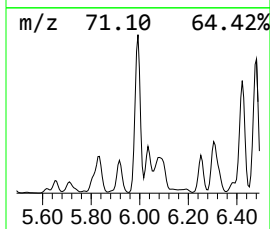
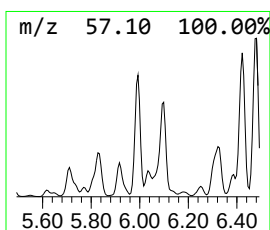
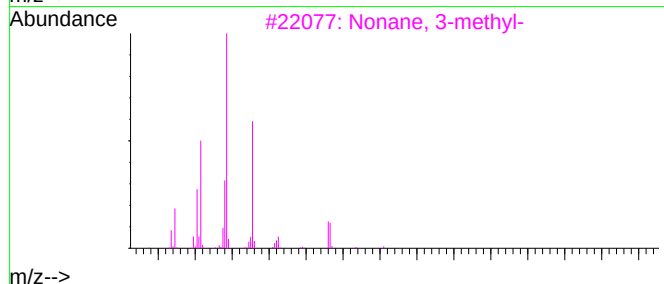
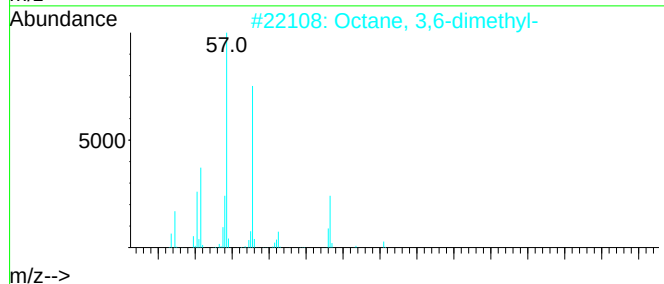
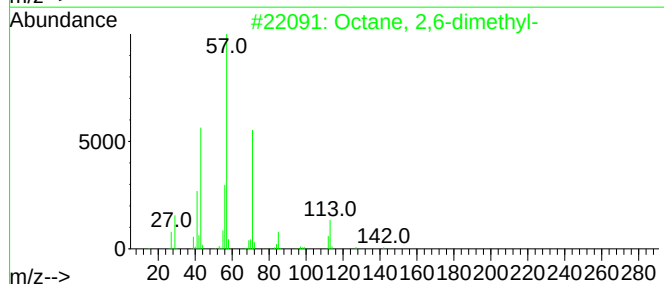
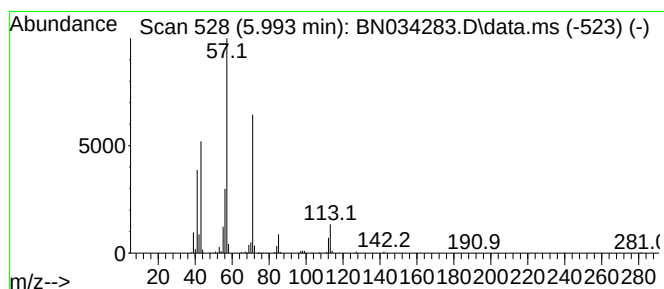
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.993	17.78 ng/ul	5898390	1,4-Dichlorobenzene-d4	7.398	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	95
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION

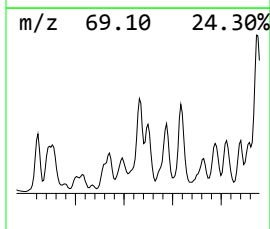
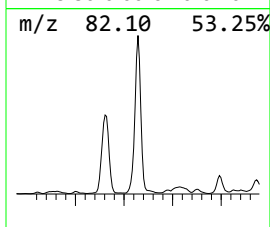
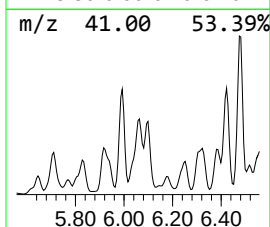
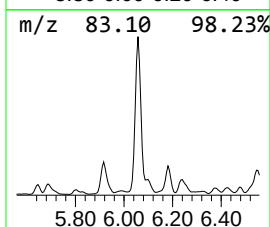
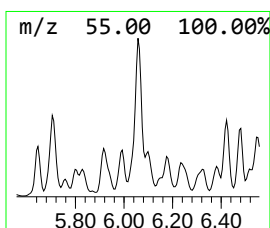
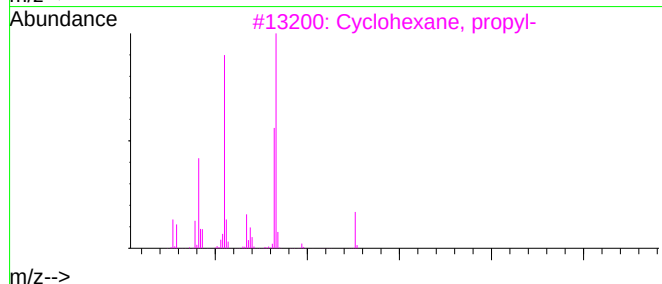
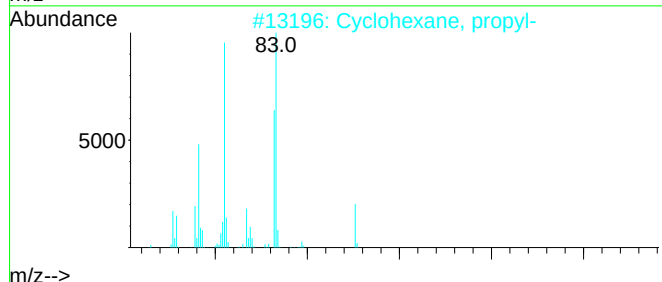
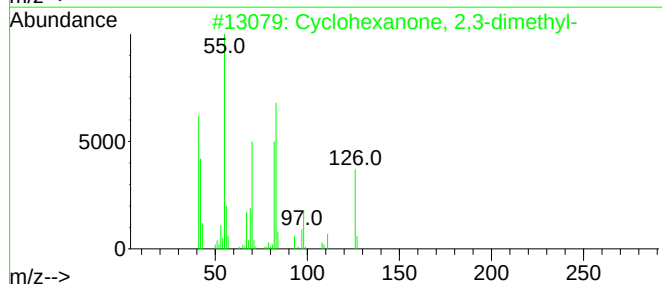
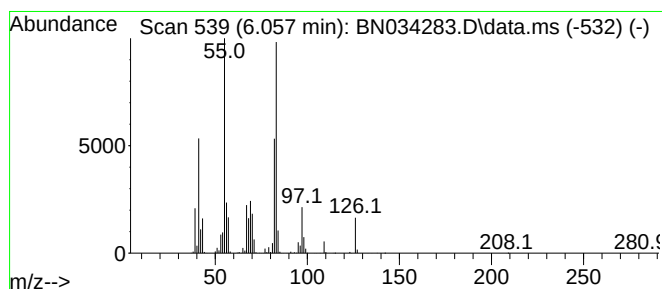
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexanone, 2,3-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.057	18.69 ng/ul	6200460	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	87
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
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Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

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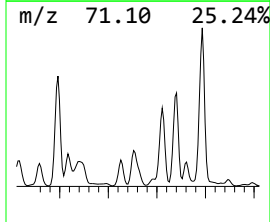
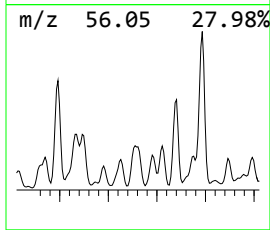
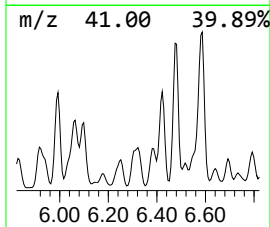
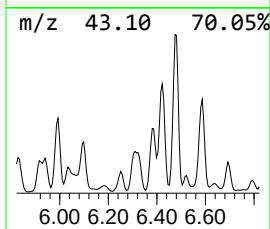
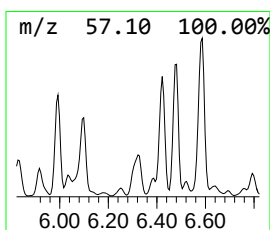
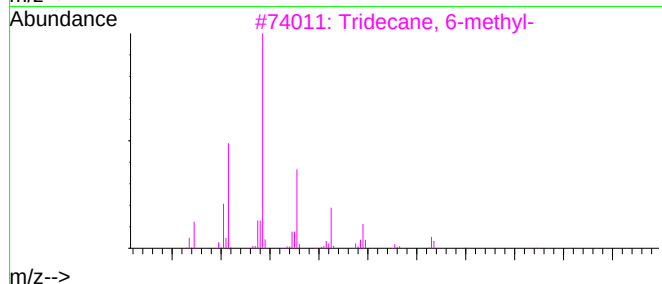
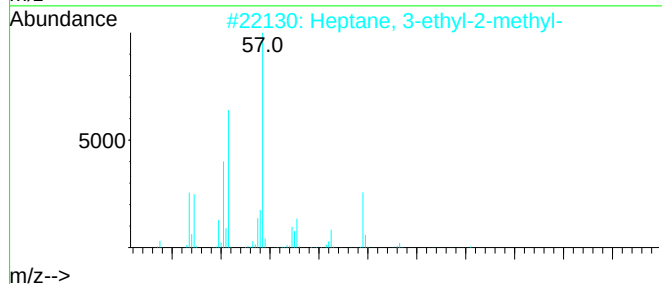
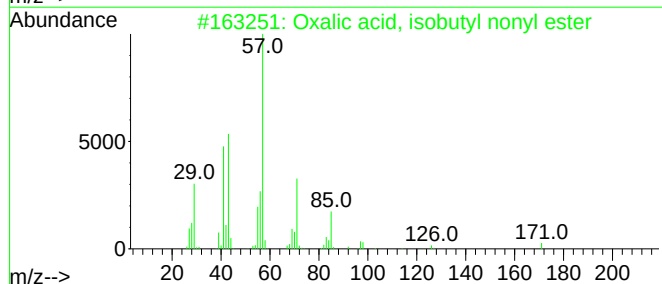
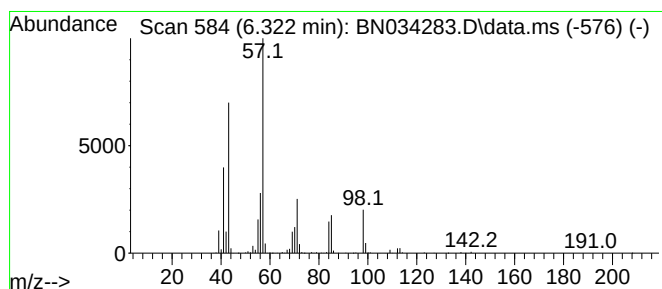
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 Oxalic acid, isobutyl nonyl... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.322	13.15 ng/ul	4362030	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	59
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	52
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
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Misc :
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Instrument :
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ClientSampleId :
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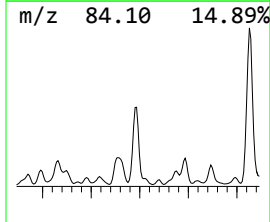
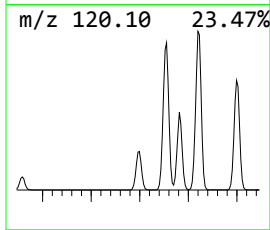
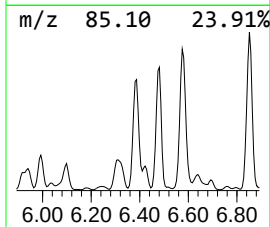
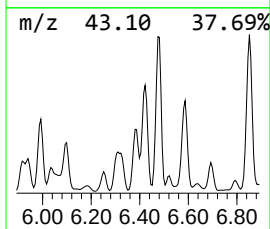
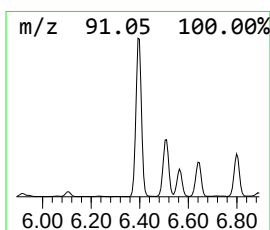
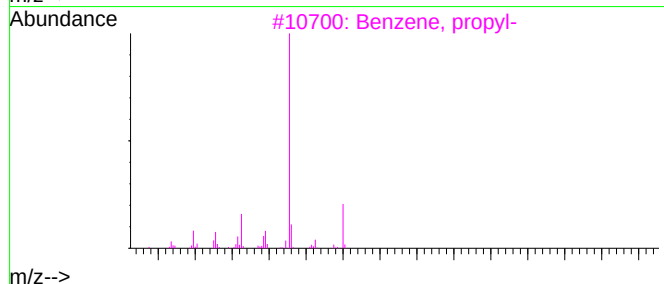
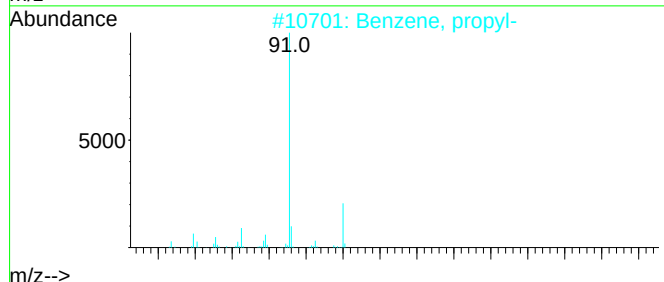
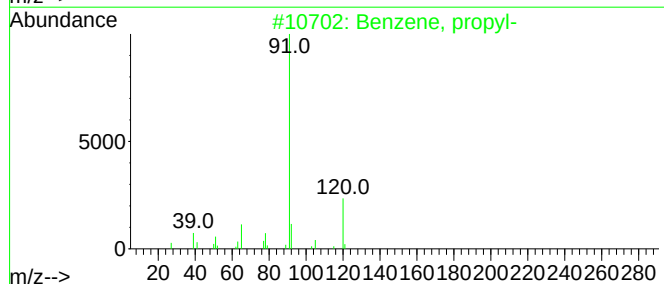
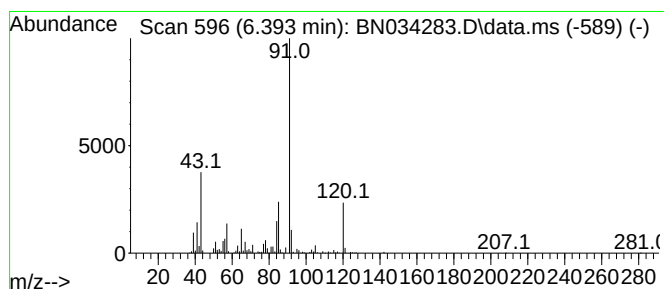
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, propyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.393	19.25 ng/ul	6386120	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	60
3	Benzene, propyl-	120	C9H12	000103-65-1	60
4	Benzene, propyl-	120	C9H12	000103-65-1	53
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
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Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

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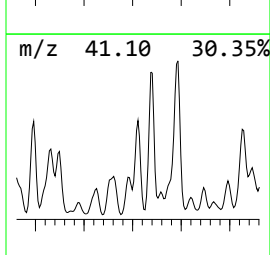
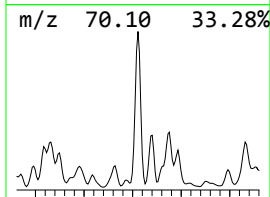
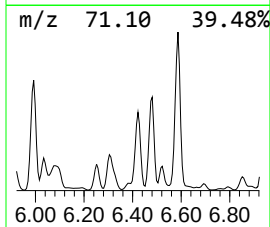
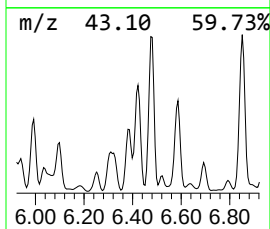
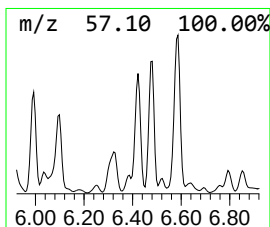
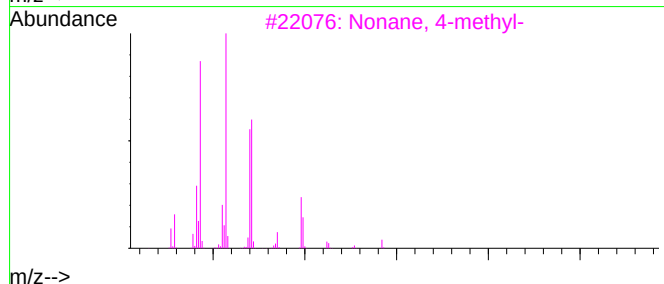
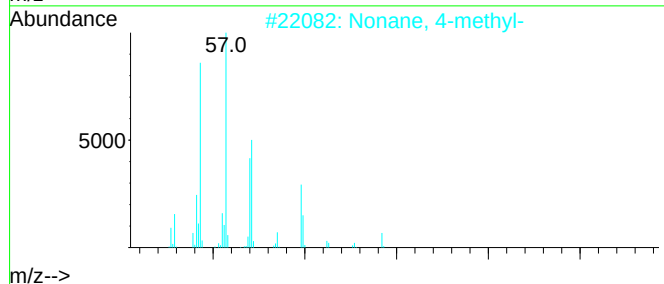
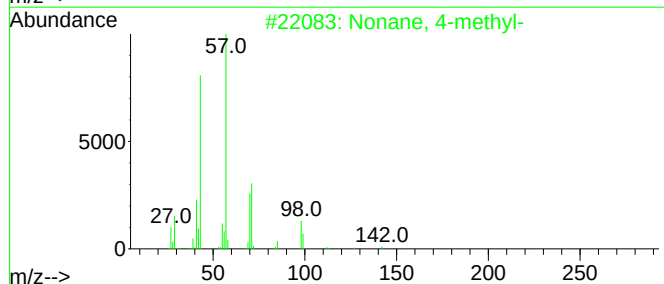
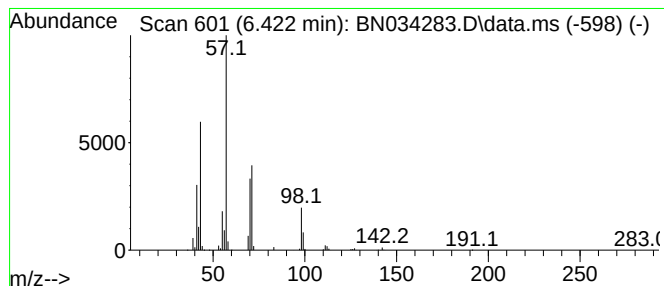
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.422	19.59 ng/ul	6499570	1,4-Dichlorobenzene-d4	7.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	80
2			Nonane, 4-methyl-	142	C10H22	017301-94-9	72
3			Nonane, 4-methyl-	142	C10H22	017301-94-9	64
4			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
5			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

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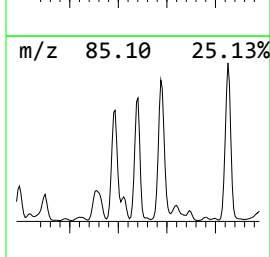
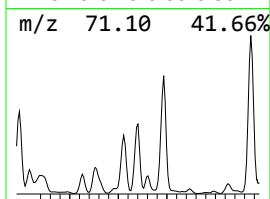
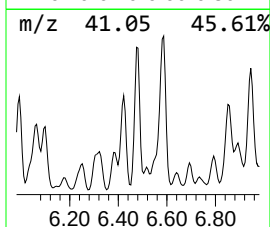
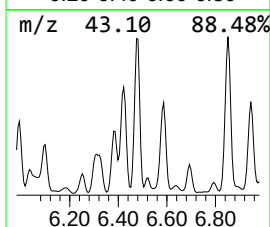
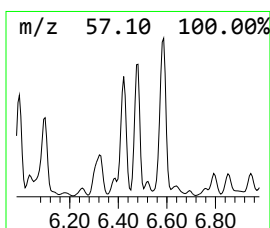
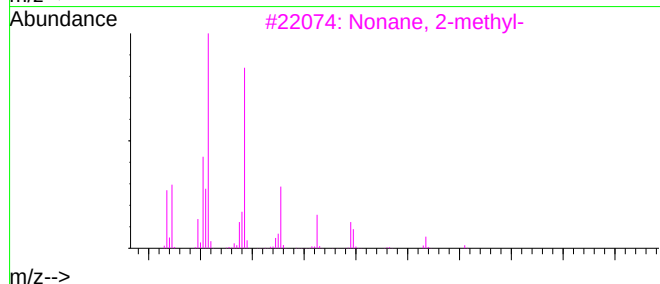
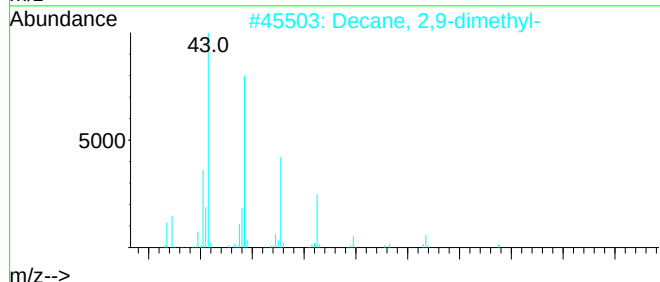
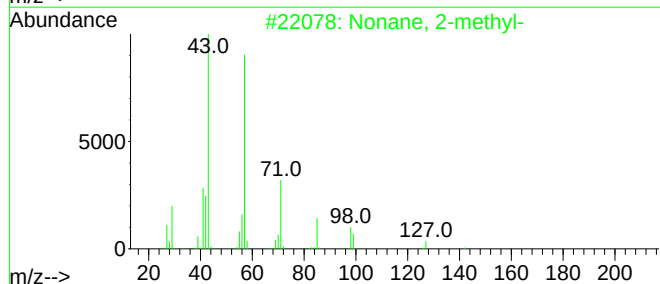
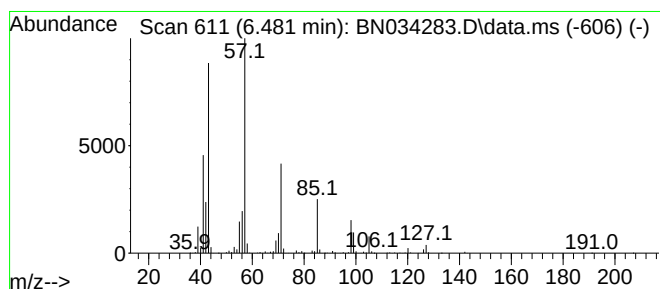
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.481	28.60 ng/ul	9489680	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	94
2	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
3	Nonane, 2-methyl-	142	C10H22	000871-83-0	64
4	Decane	142	C10H22	000124-18-5	64
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
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Misc :
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ClientSampleId :
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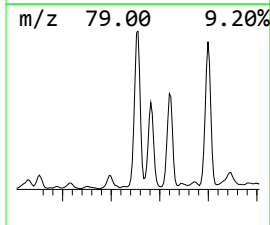
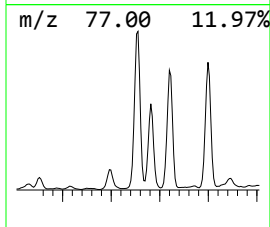
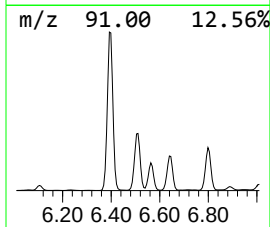
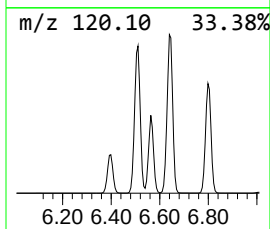
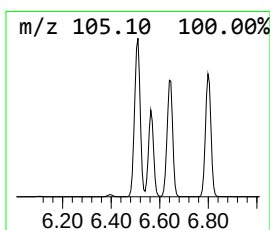
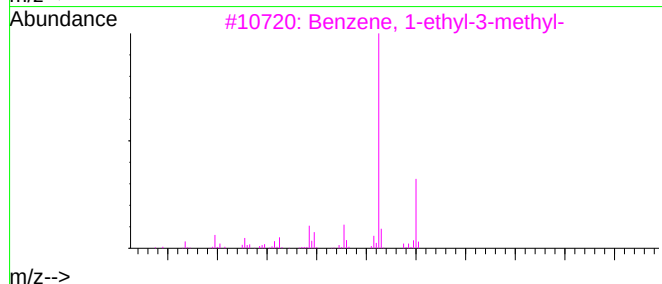
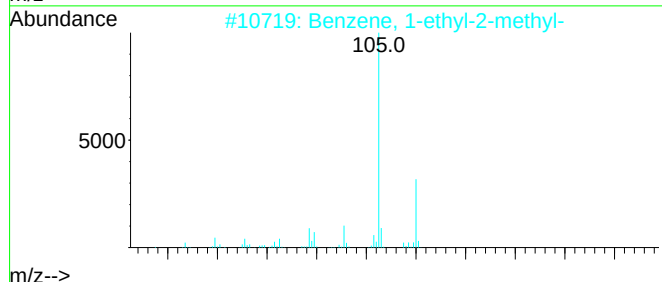
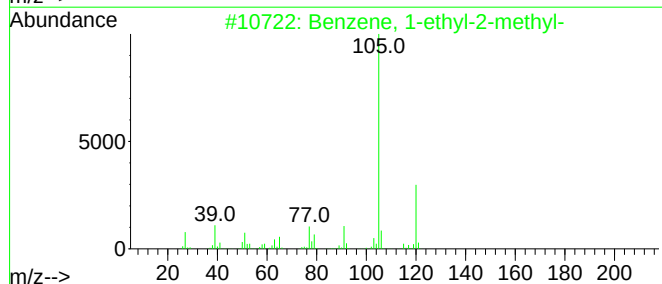
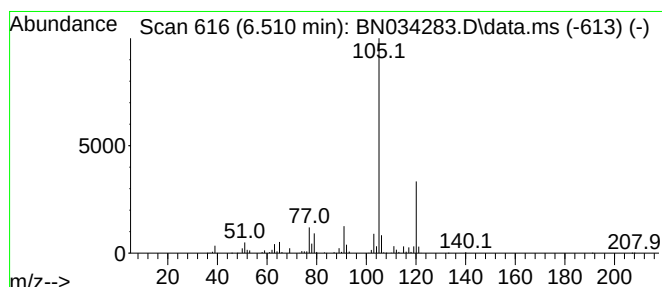
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD			R.T.
6.510	24.77 ng/ul	8217720	1,4-Dichlorobenzene-d4			7.398
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-		120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-		120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-		120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-		120	C9H12	000620-14-4	94
5	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

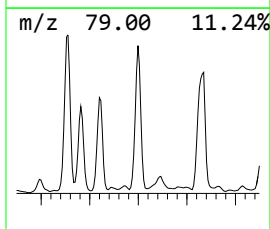
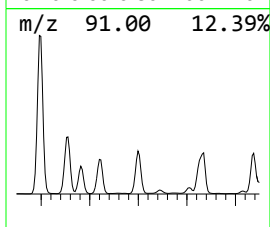
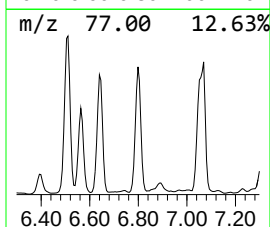
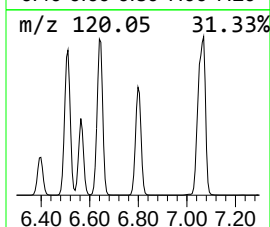
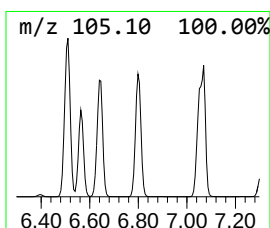
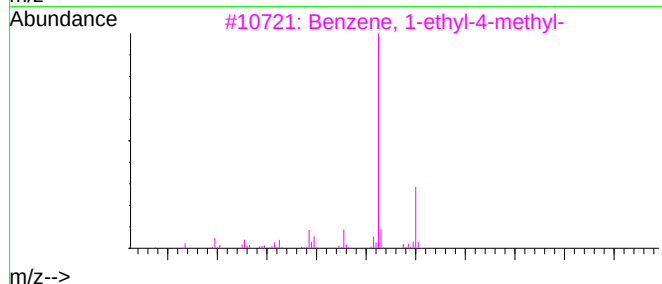
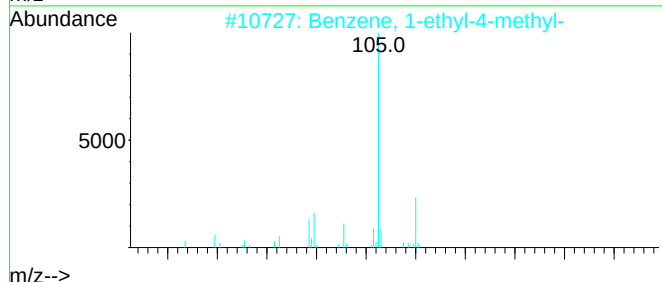
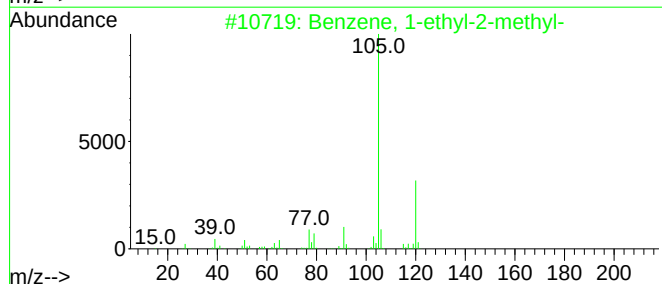
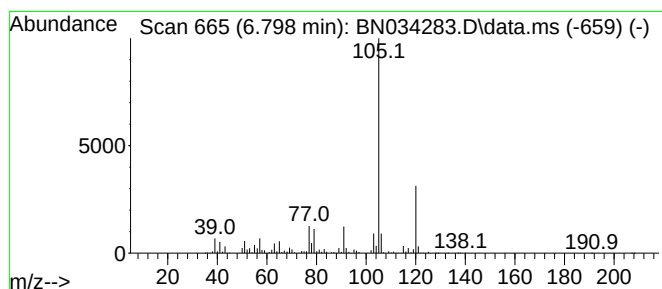
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TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.798	28.84 ng/ul	9570880	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION

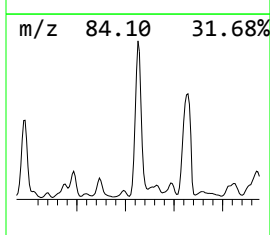
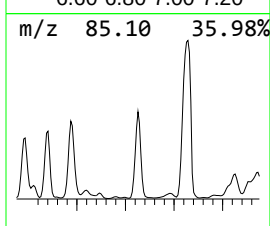
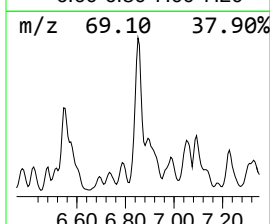
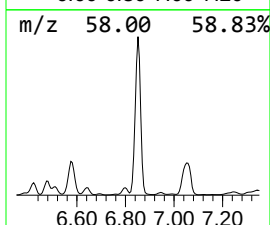
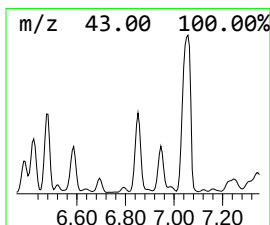
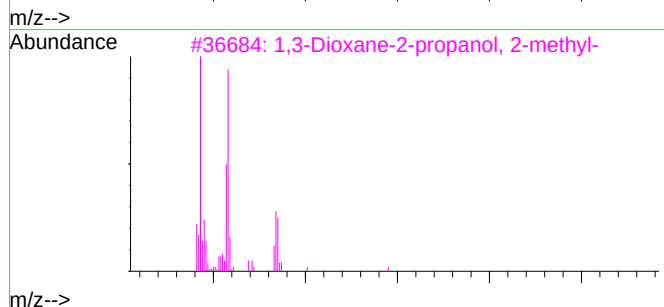
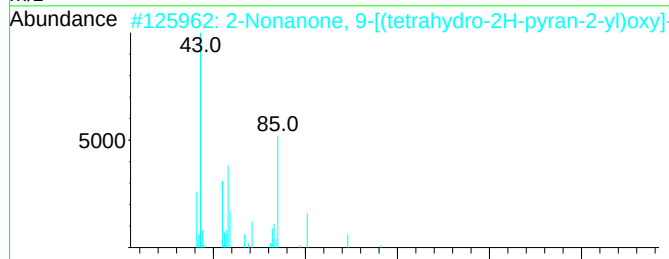
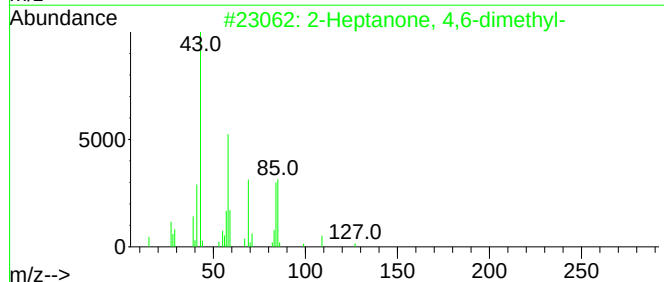
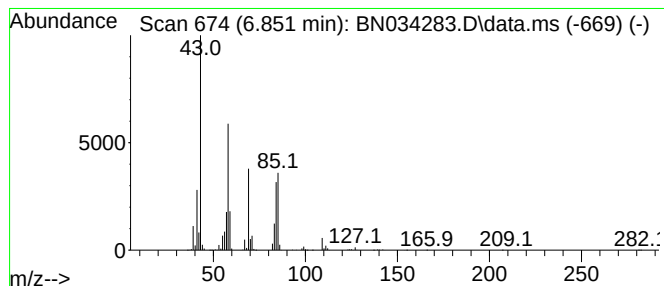
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 11 2-Heptanone, 4,6-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.851	23.89 ng/ul	7928890	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	2-Nonanone, 9-[(tetrahydro-2H-py...	242	C14H26O3	054699-41-1	64
3	1,3-Dioxane-2-propanol, 2-methyl-	160	C8H16O3	036651-31-7	64
4	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	50
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
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Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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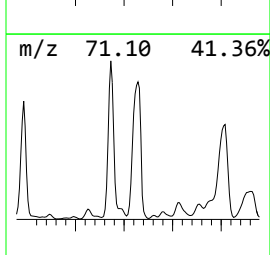
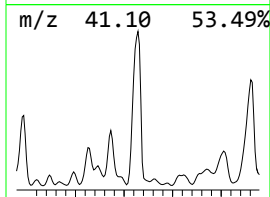
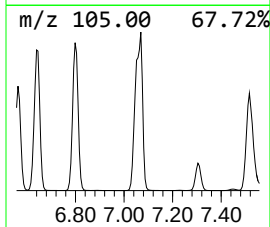
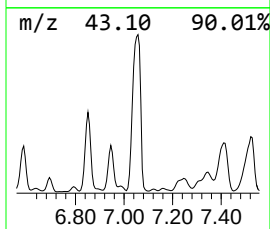
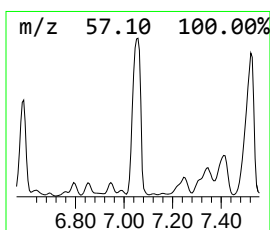
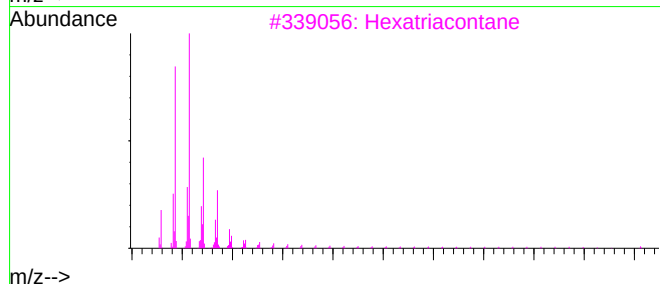
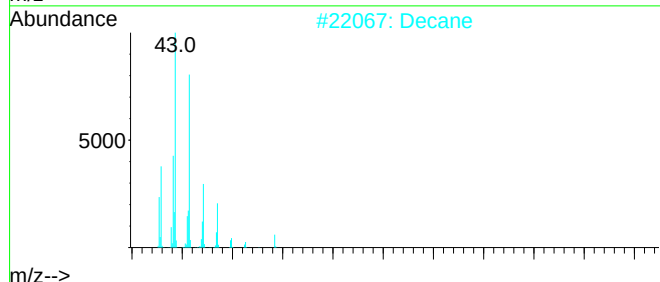
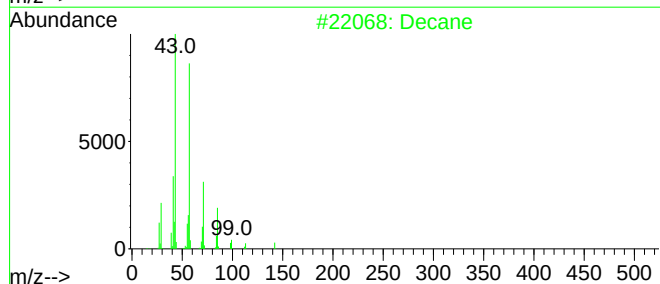
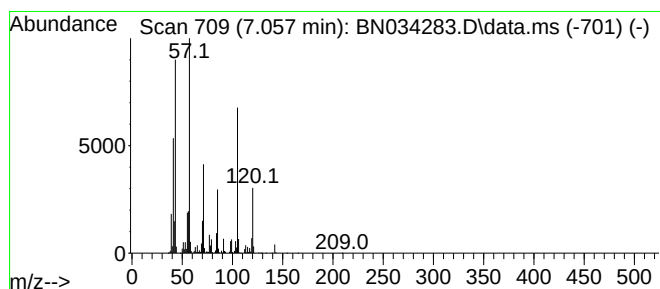
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.057	117.22 ng/ul	38897600	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Decane	142	C10H22	000124-18-5	64
3	Hexatriacontane	507	C36H74	000630-06-8	59
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	56
5	Mesitylene	120	C9H12	000108-67-8	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

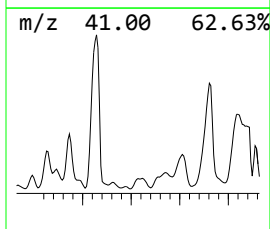
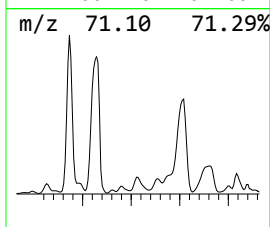
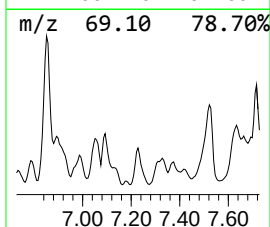
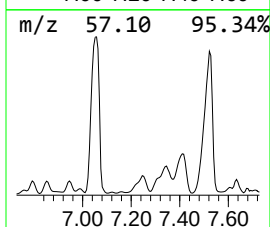
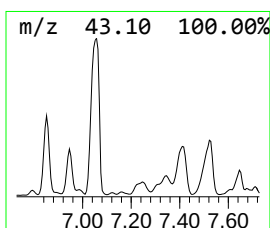
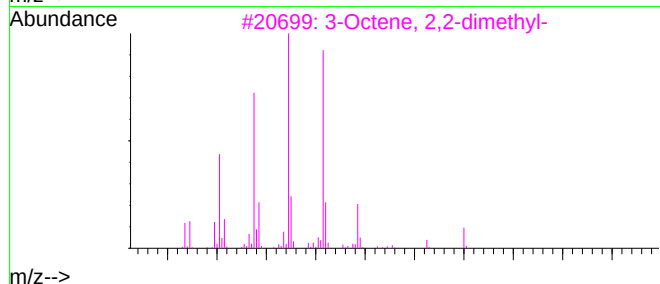
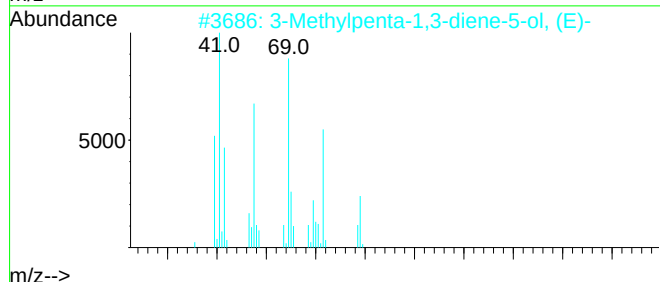
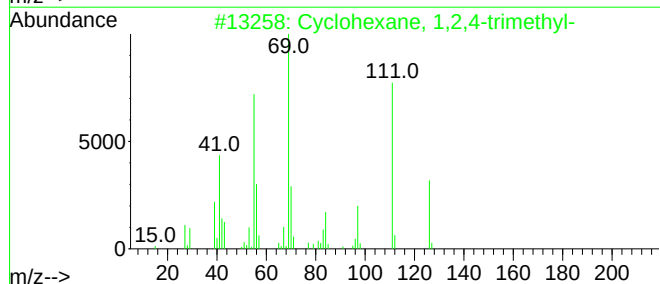
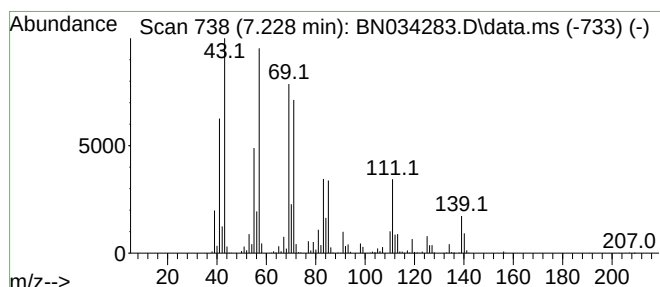
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic7.228 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.228	13.12 ng/ul	4352180	1,4-Dichlorobenzene-d4	7.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
2			3-Methylpenta-1,3-diene-5-ol, (E)-	98	C6H10O	001572-08-3	43
3			3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	43
4			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	38
5			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
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Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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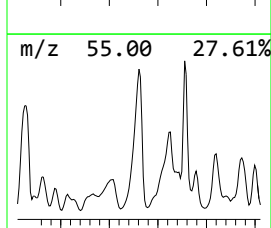
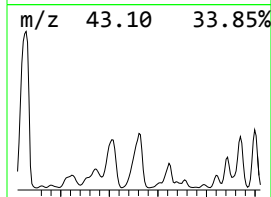
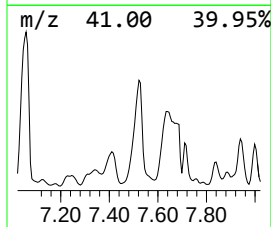
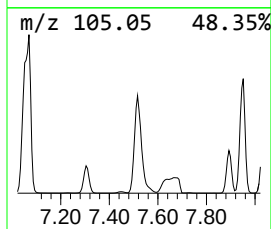
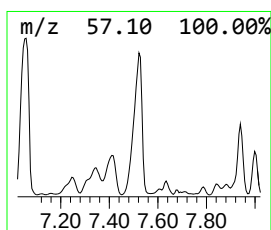
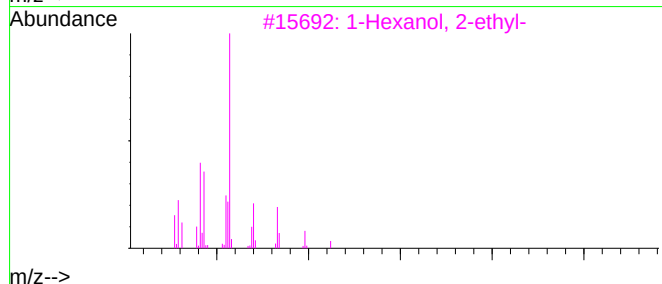
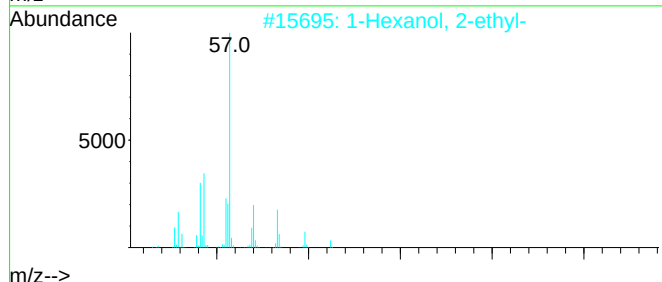
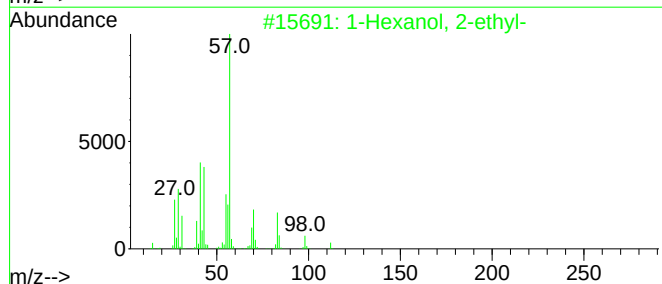
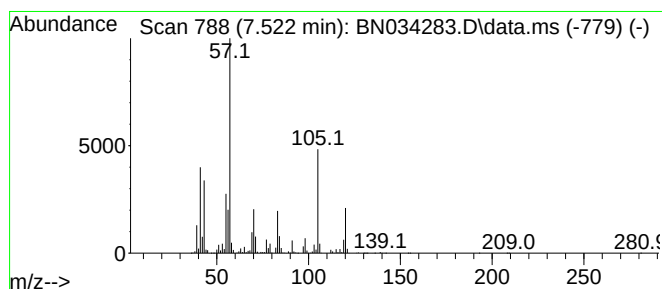
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.522	103.82 ng/ul	34450400	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
4	Isobutyl octan-2-yl carbonate	230	C13H26O3	1000372-74-7	40
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
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Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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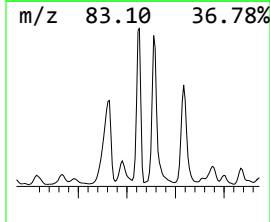
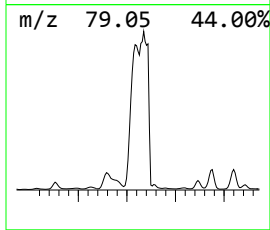
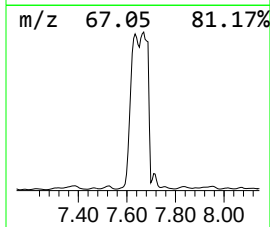
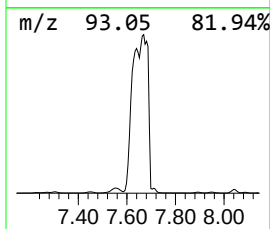
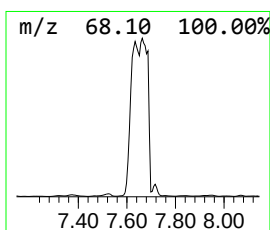
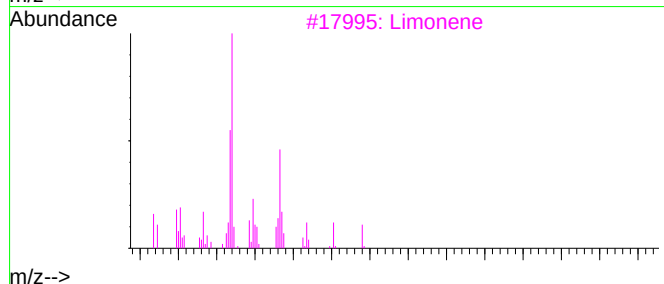
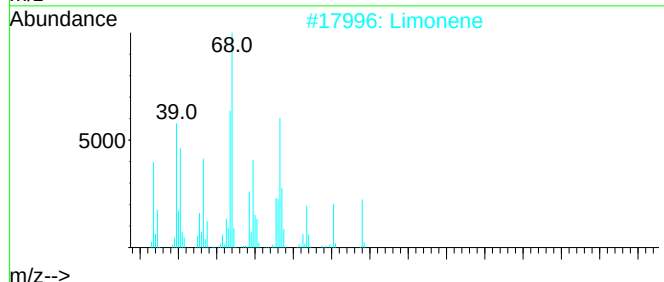
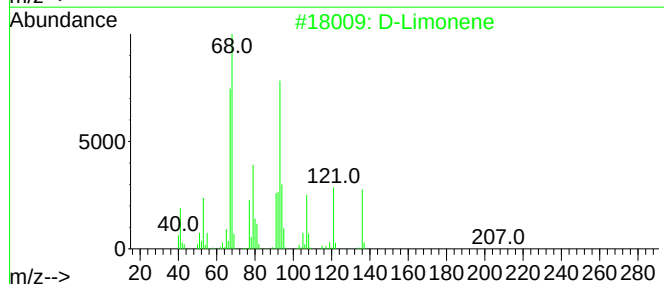
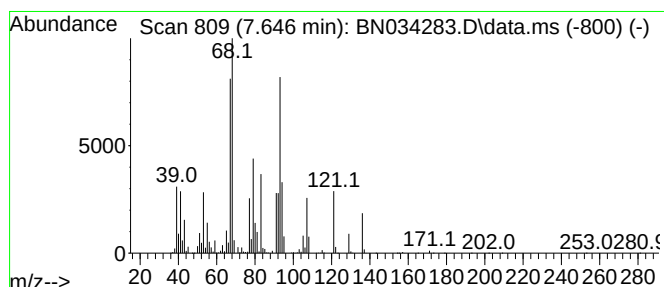
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.646	213.09 ng/ul	70710100	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	96
2	Limonene	136	C10H16	000138-86-3	93
3	Limonene	136	C10H16	000138-86-3	76
4	D-Limonene	136	C10H16	005989-27-5	76
5	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

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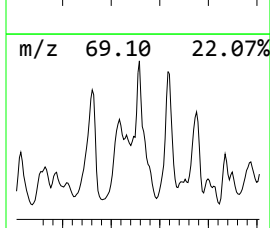
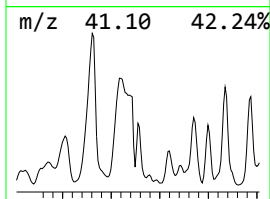
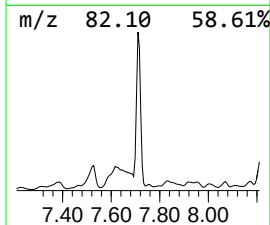
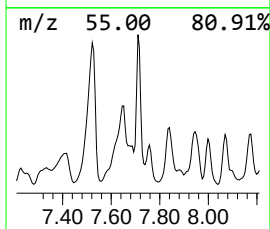
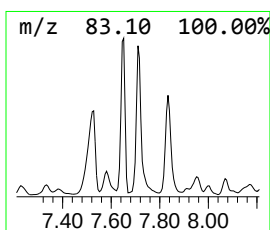
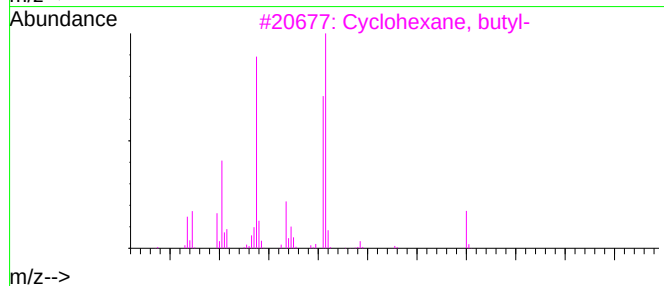
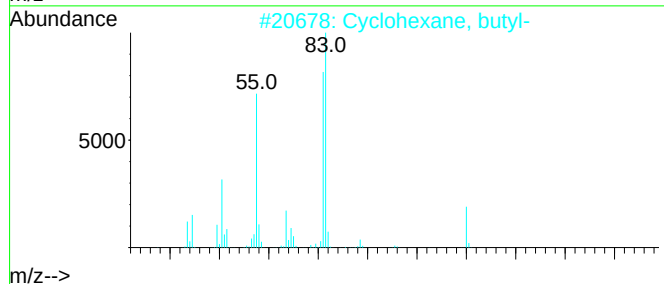
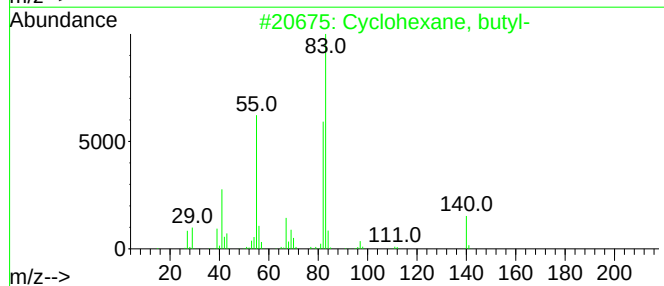
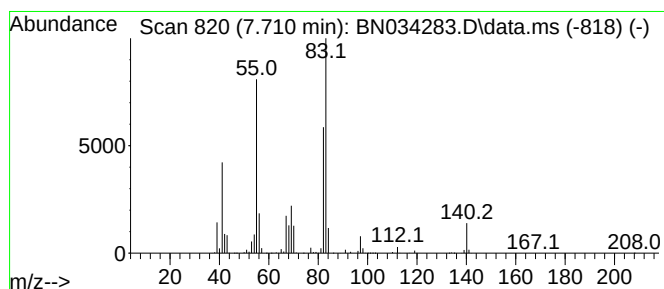
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic7.710 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.710	14.77 ng/ul	4900920	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	86
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	86
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION

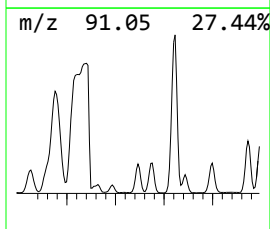
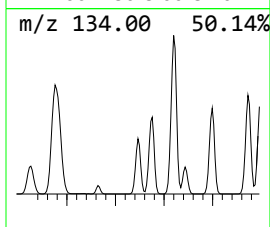
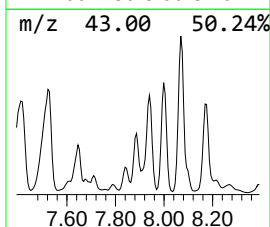
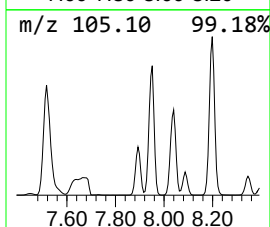
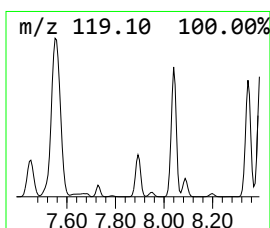
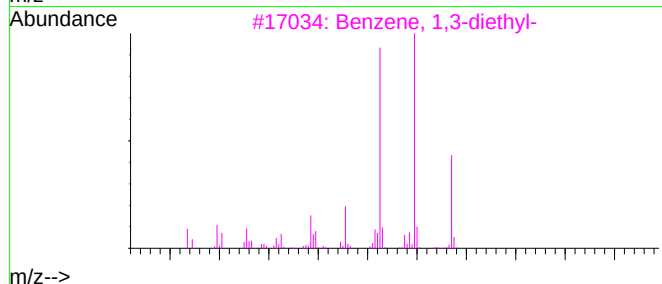
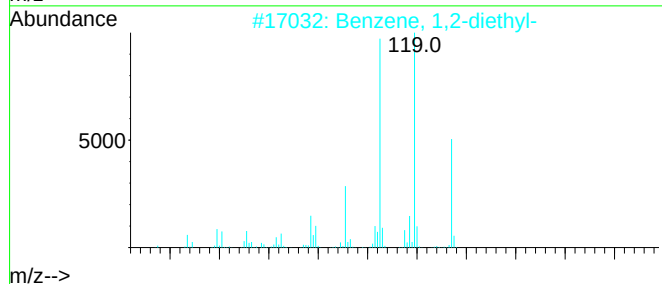
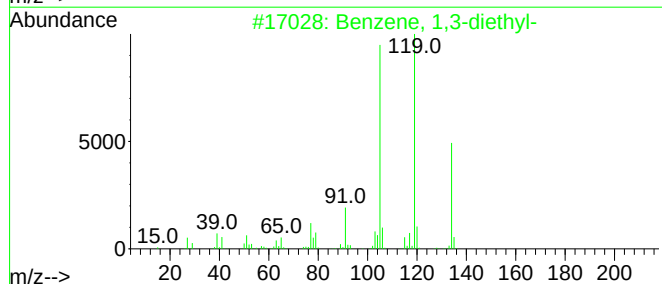
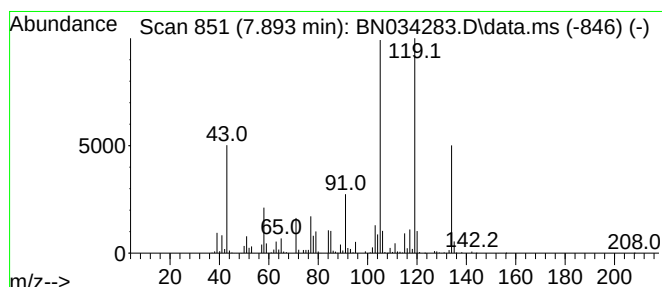
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TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, 1,3-diethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.893	16.39 ng/ul	5438640	1,4-Dichlorobenzene-d4	7.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
5			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC38

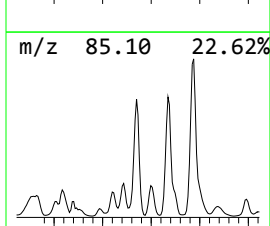
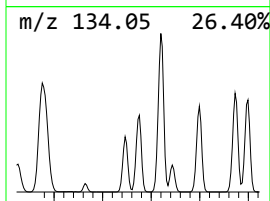
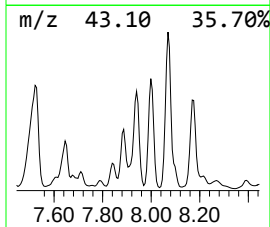
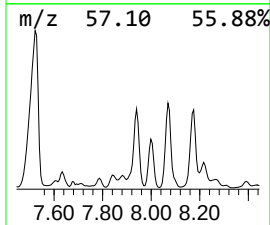
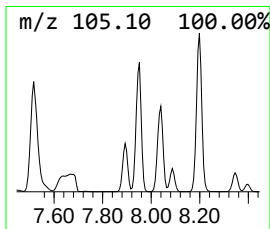
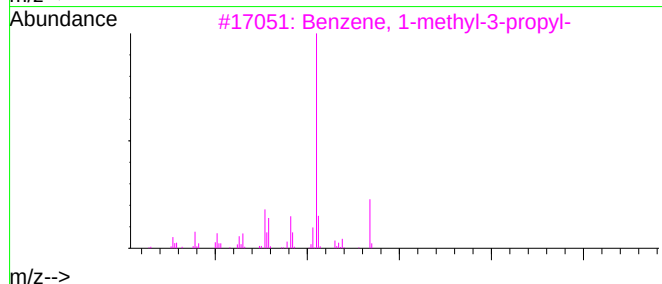
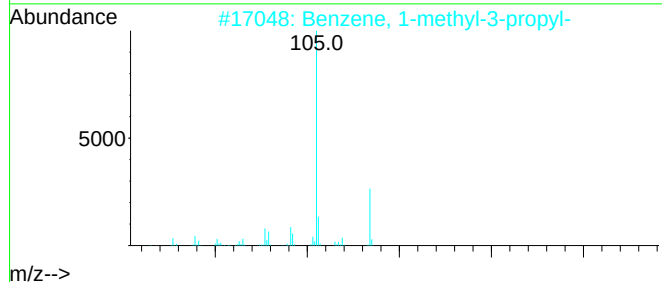
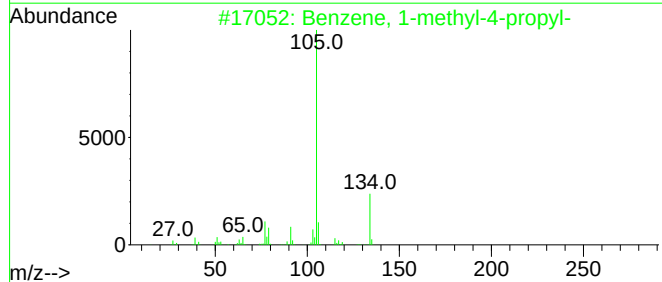
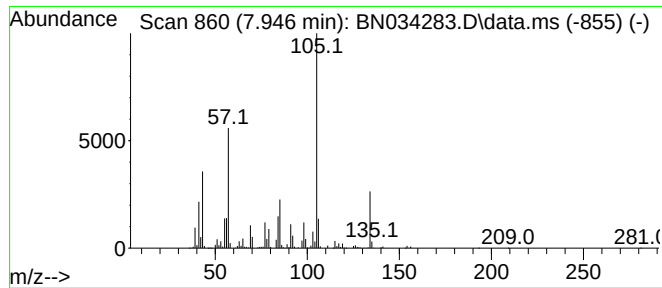
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Benzene, 1-methyl-4-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.946	40.16 ng/ul	13327300	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	55
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	55
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	55
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

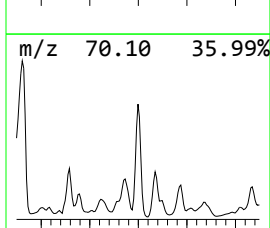
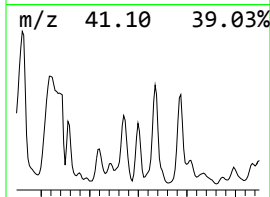
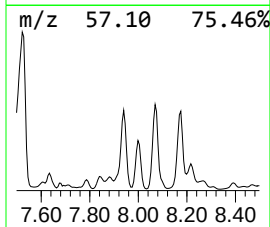
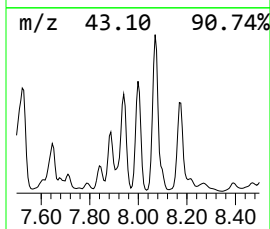
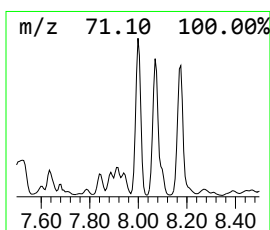
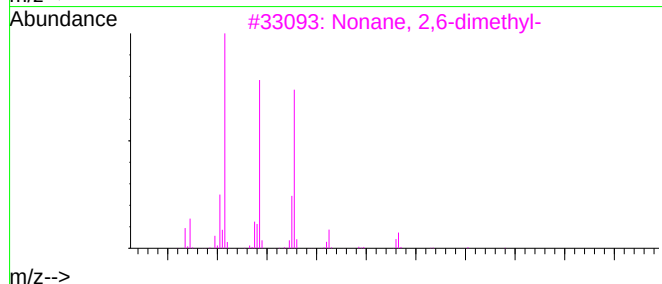
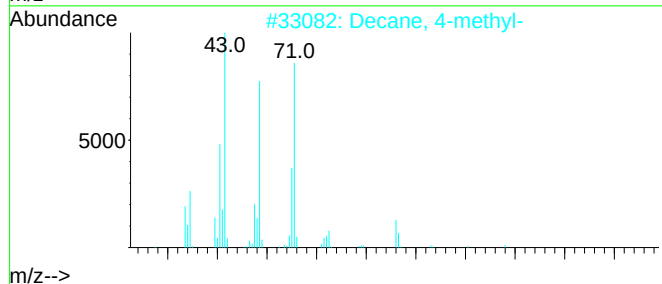
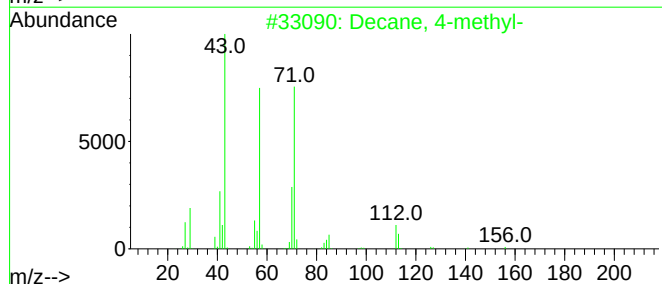
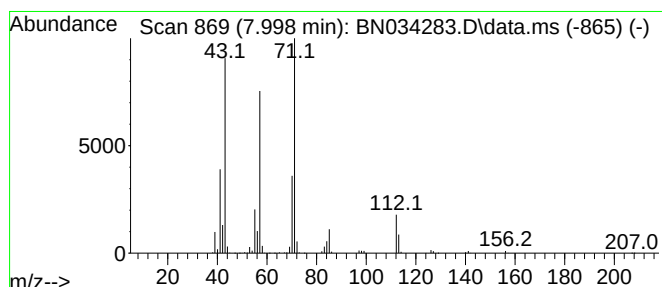
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.998	18.58 ng/ul	6166260	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	94
2	Decane, 4-methyl-	156	C11H24	002847-72-5	91
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	90
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

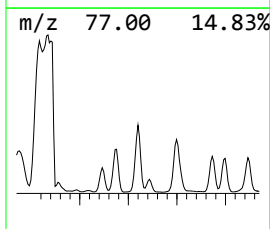
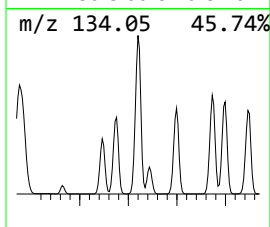
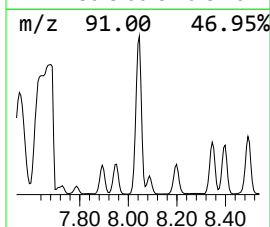
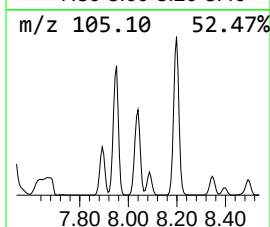
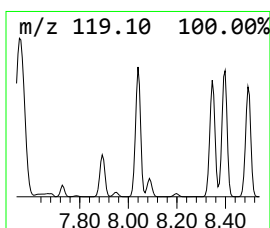
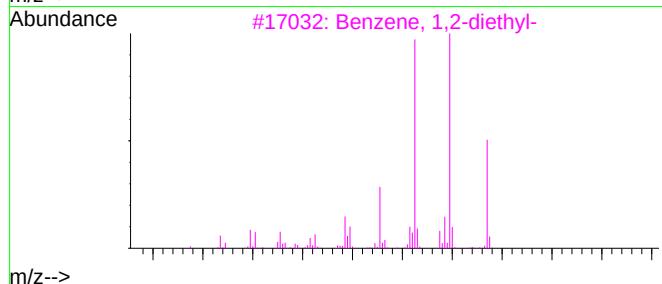
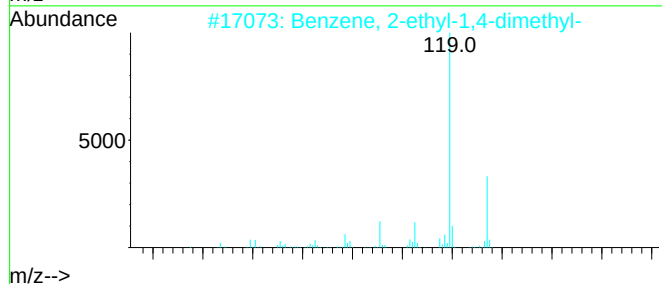
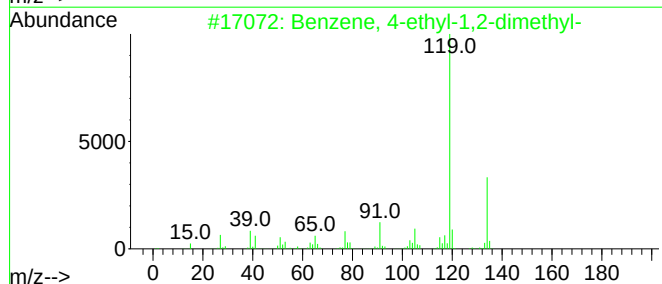
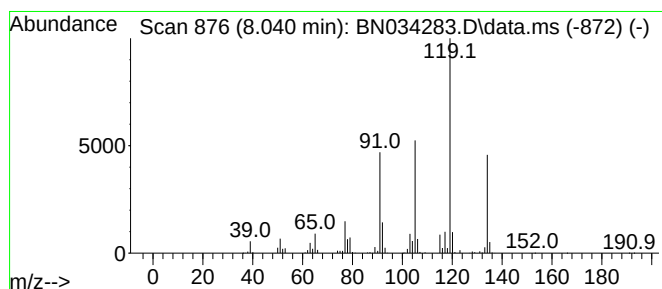
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 21 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.040	26.94 ng/ul	8940900	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
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Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

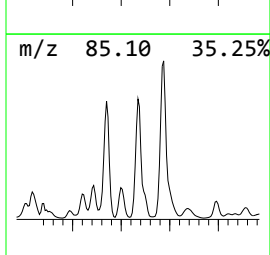
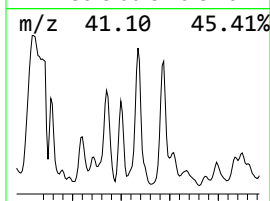
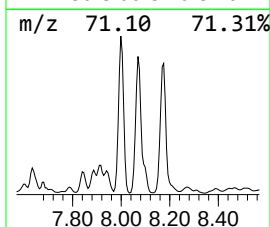
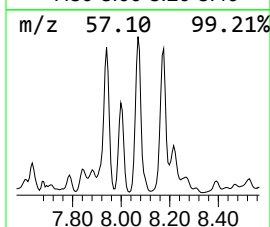
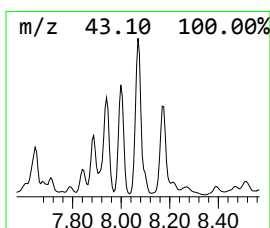
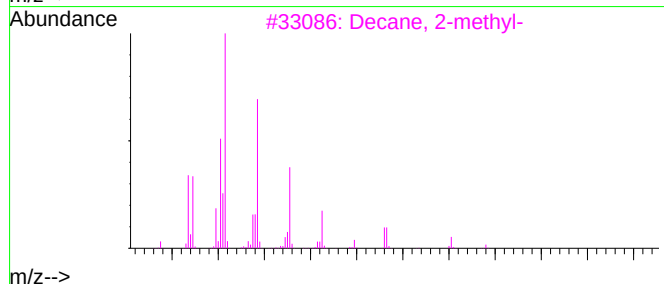
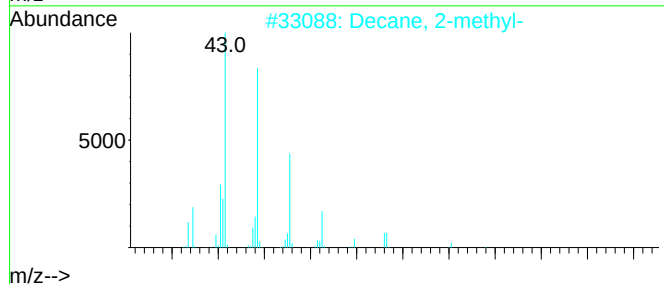
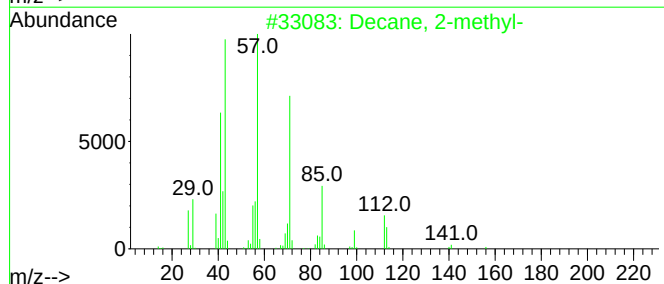
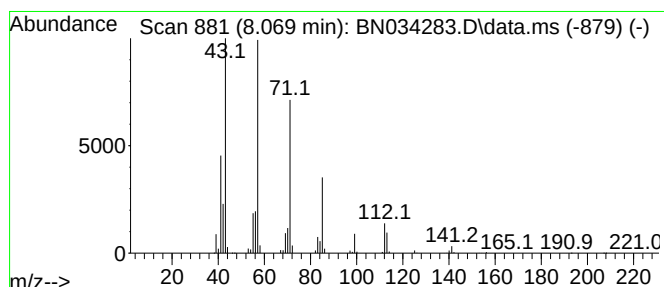
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.069	33.17 ng/ul	11005900	1,4-Dichlorobenzene-d4	7.398	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	94
2	Decane, 2-methyl-	156	C11H24	006975-98-0	90
3	Decane, 2-methyl-	156	C11H24	006975-98-0	83
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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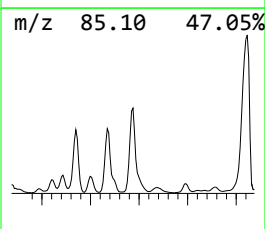
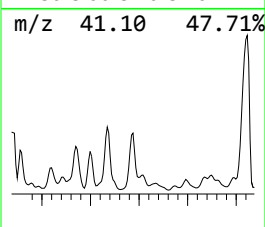
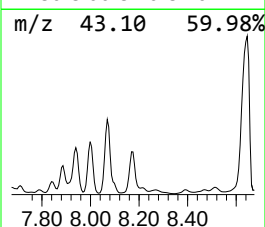
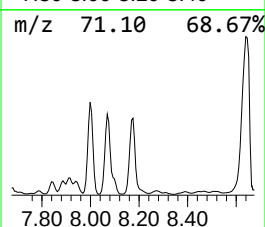
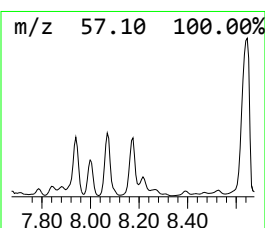
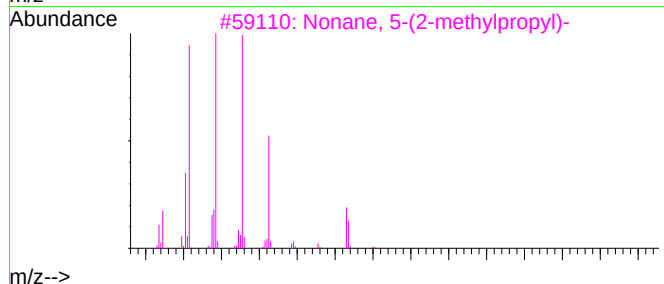
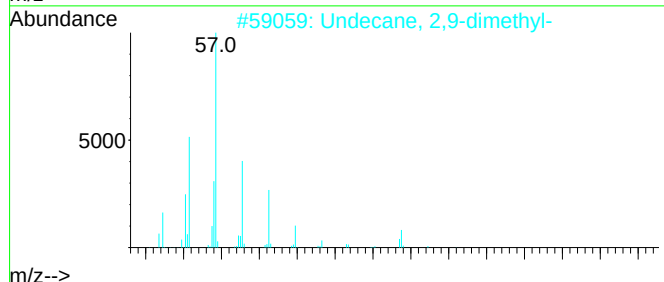
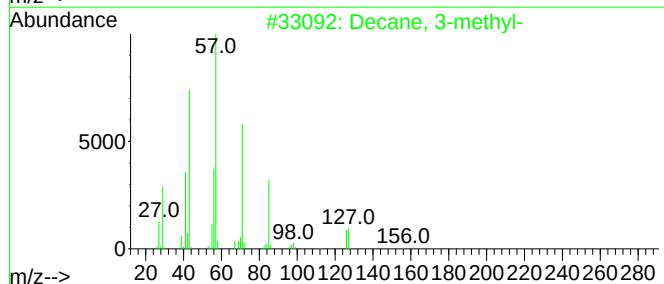
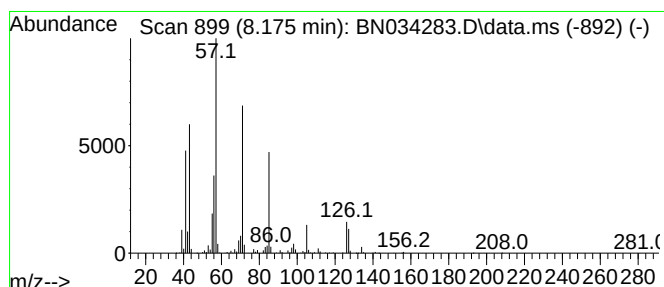
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.175	30.54 ng/ul	10135300	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	93
2	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
5	Decane, 3-methyl-	156	C11H24	013151-34-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

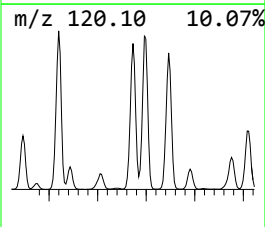
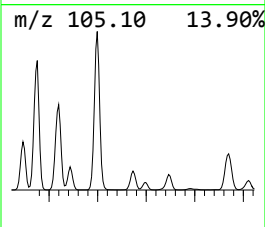
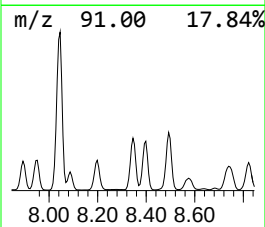
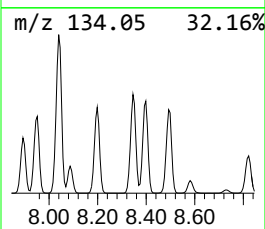
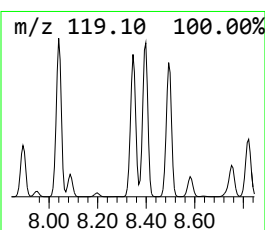
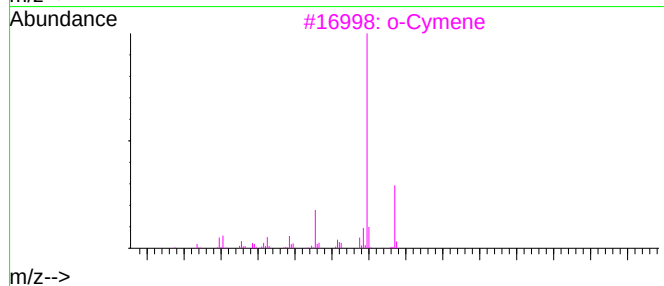
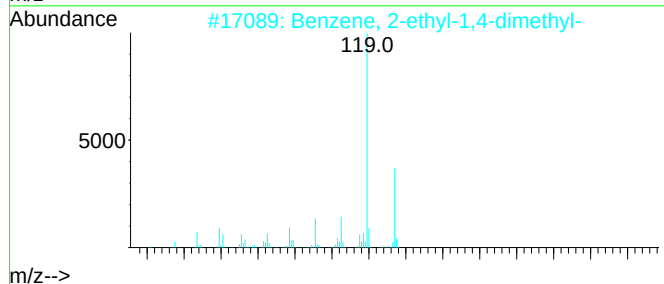
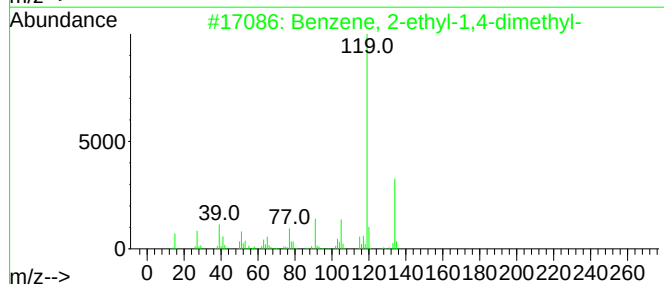
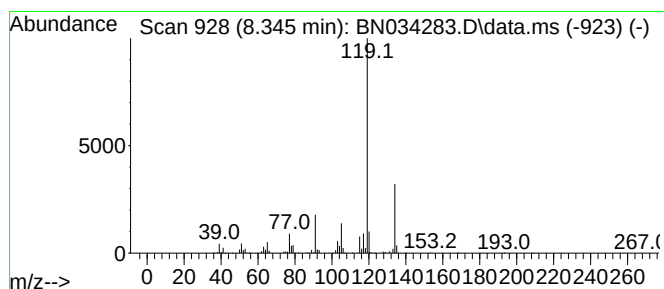
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 24 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.345	19.38 ng/ul	6430560	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC38

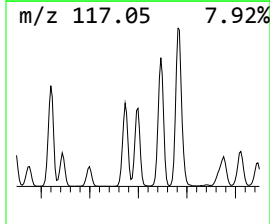
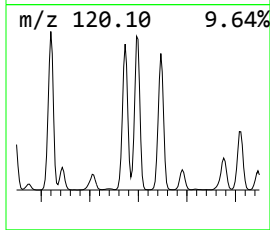
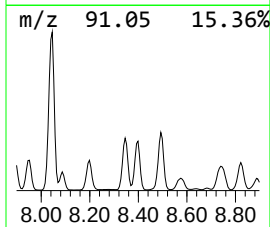
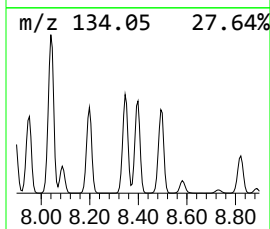
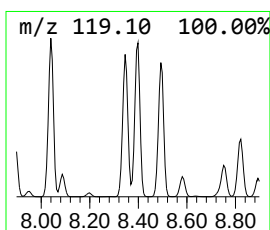
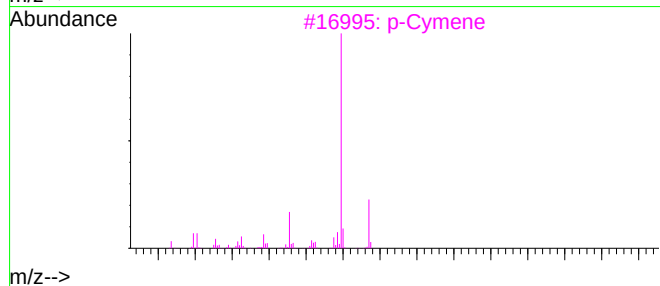
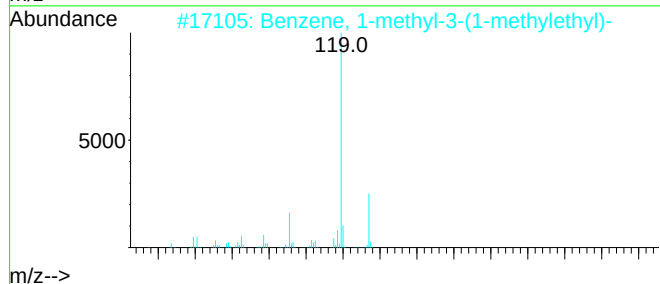
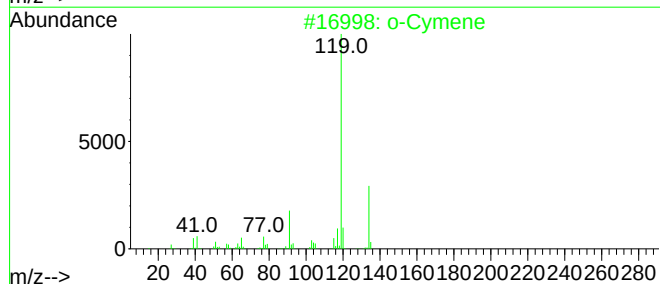
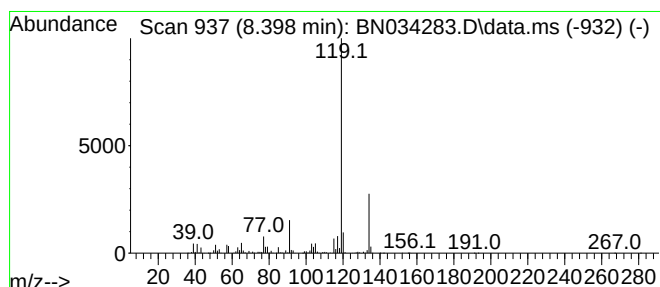
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 o-Cymene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.398	22.10 ng/ul	7333040	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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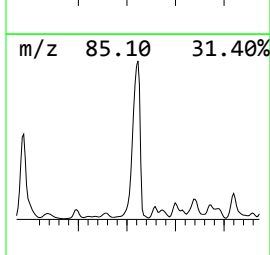
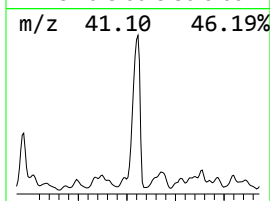
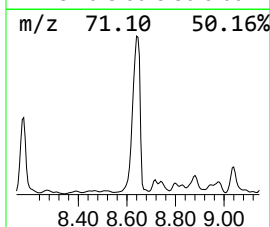
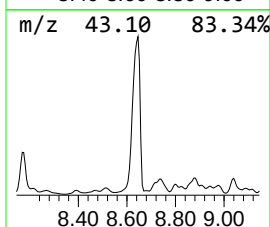
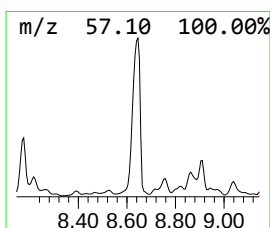
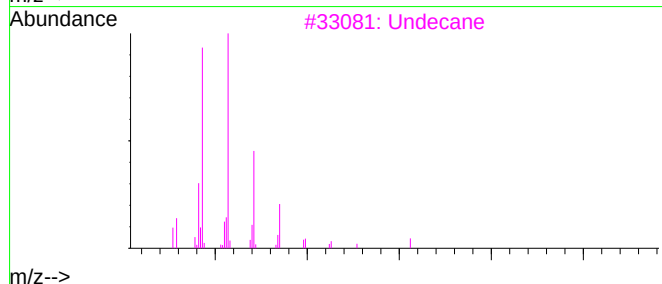
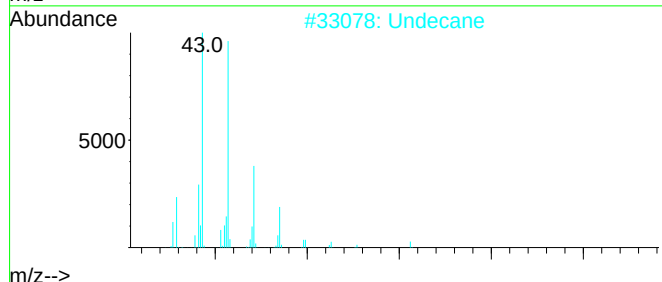
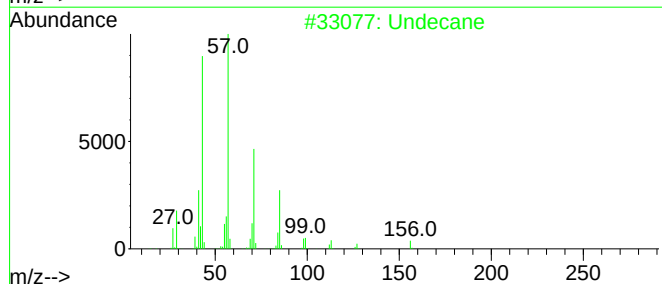
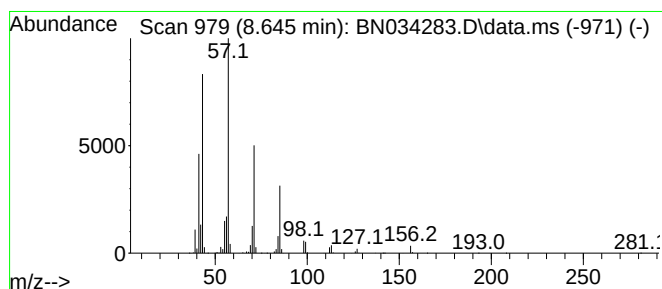
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.645	91.26 ng/ul	30281200	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	97
2	Undecane	156	C11H24	001120-21-4	91
3	Undecane	156	C11H24	001120-21-4	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecane	184	C13H28	000629-50-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

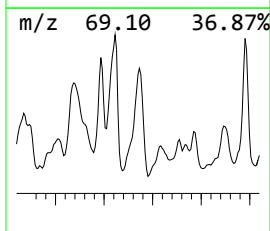
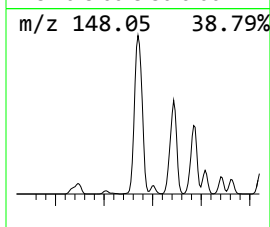
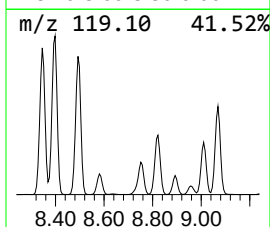
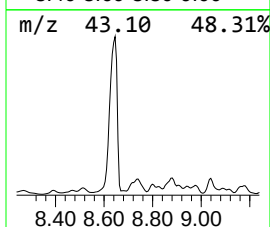
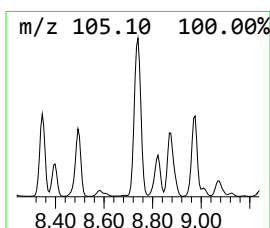
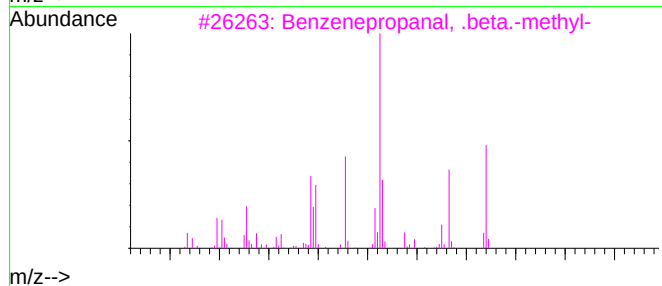
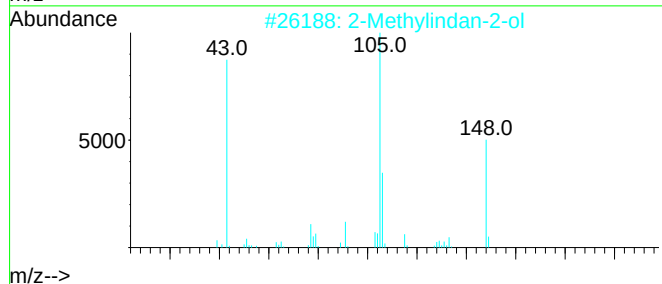
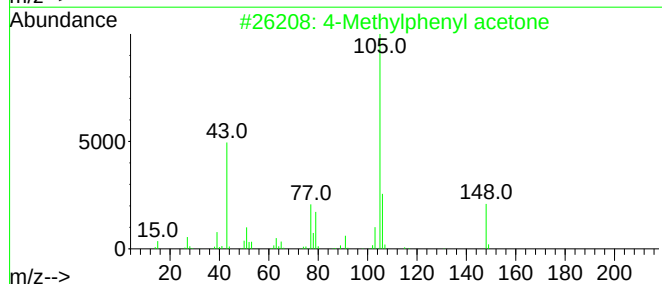
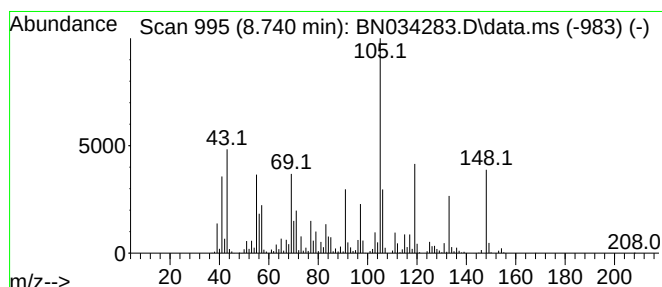
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 27 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.740	30.73 ng/ul	10198000	1,4-Dichlorobenzene-d4	7.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphenyl acetone	148	C10H12O	002096-86-8	46
2	2-Methylindan-2-ol	148	C10H12O	033223-84-6	46
3	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	43
4	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	38
5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

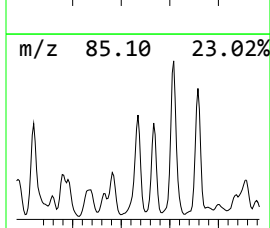
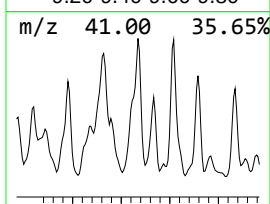
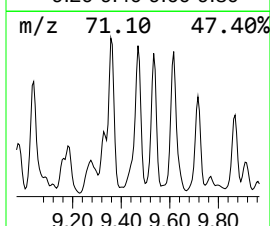
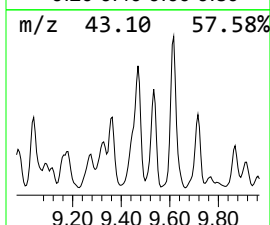
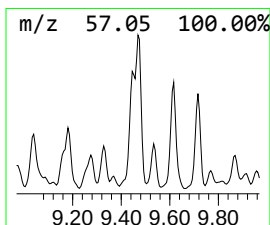
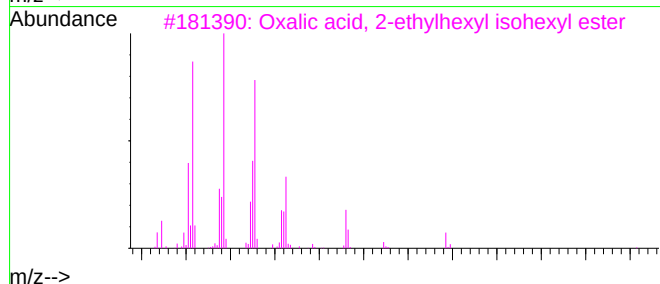
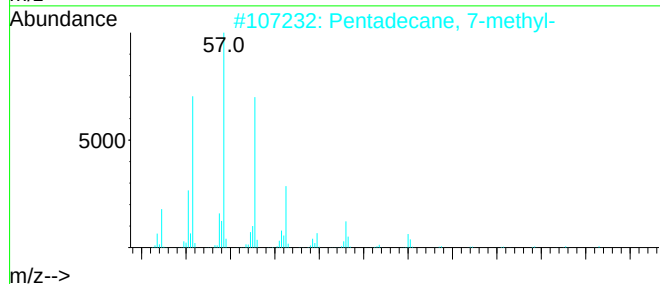
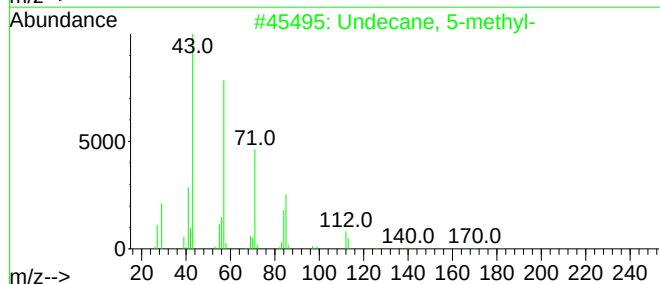
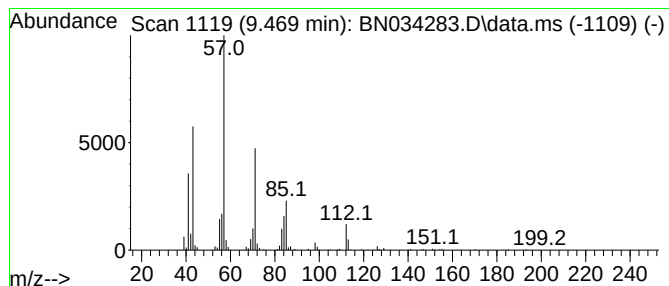
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.469	3.97 ng/ul	7570540	Naphthalene-d8	10.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	74
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
3	Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	72
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC38

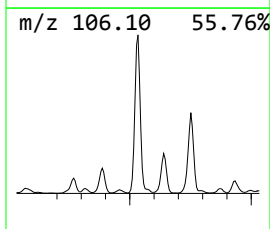
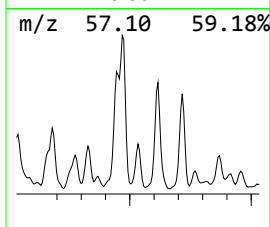
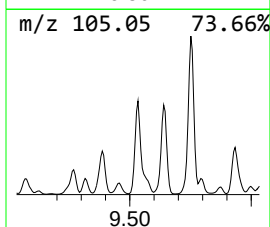
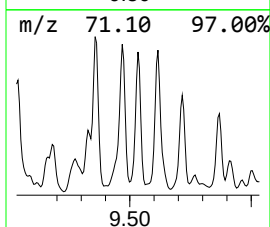
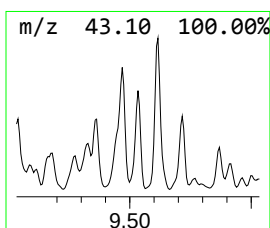
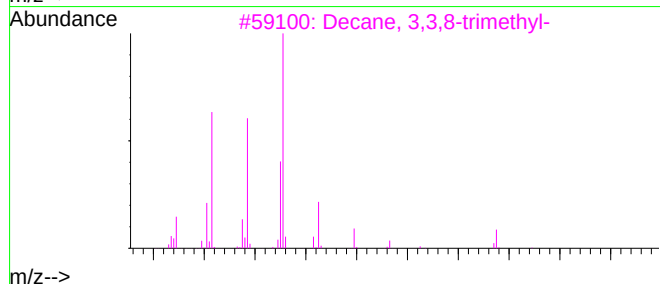
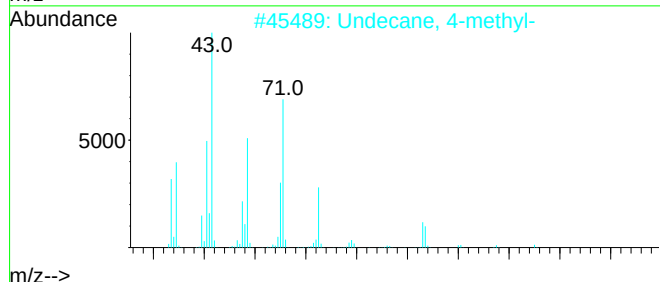
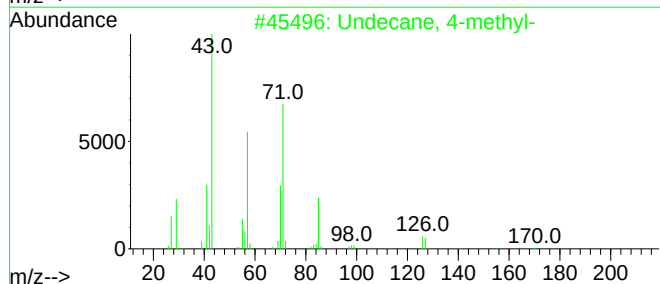
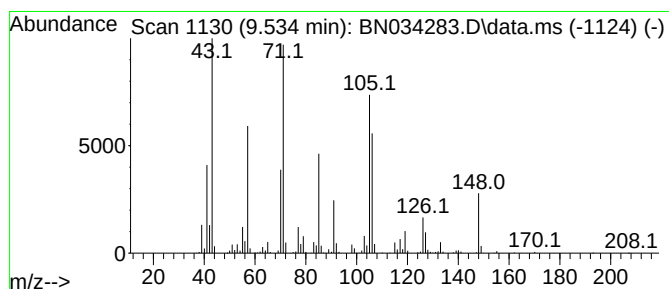
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.534	2.34 ng/ul	4463020	Naphthalene-d8	10.151	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	46
2	Undecane, 4-methyl-	170	C12H26	002980-69-0	43
3	Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	38
4	Butyric acid, 2-phenyl-, 3-methy...	234	C15H22O2	1000406-85-4	35
5	Glutaric acid, pentyl tetrahydro...	286	C15H26O5	1000359-66-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
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Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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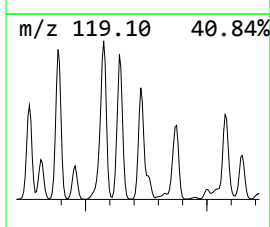
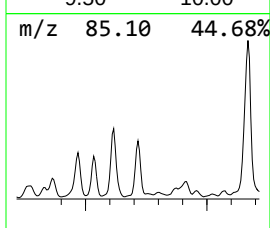
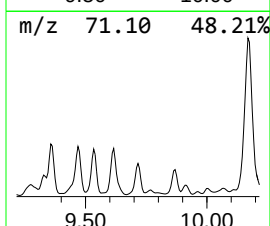
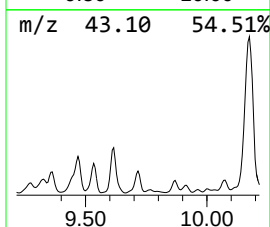
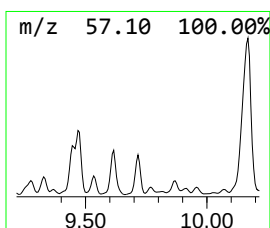
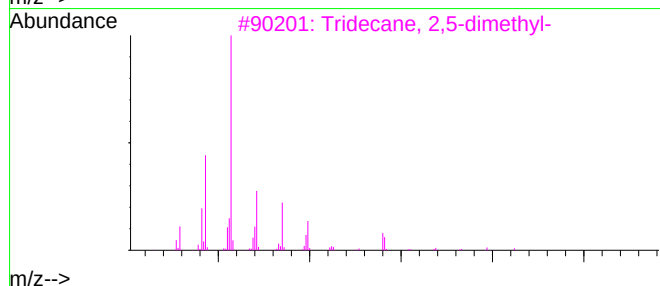
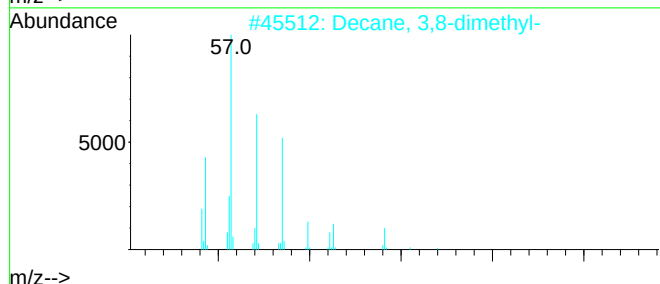
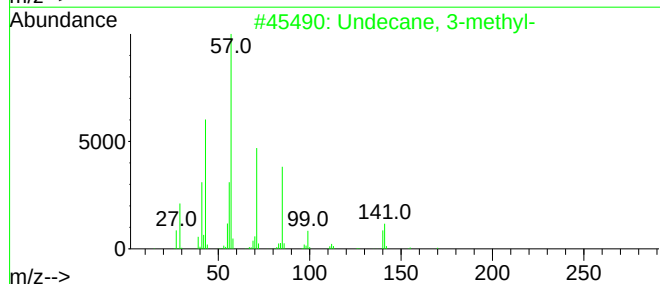
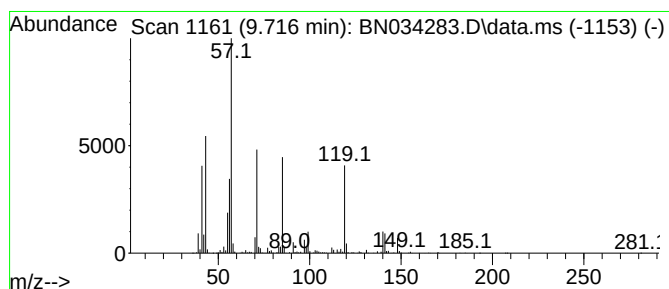
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.716	2.50 ng/ul	4779130	Naphthalene-d8	10.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	76
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
3	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	50
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	43
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
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Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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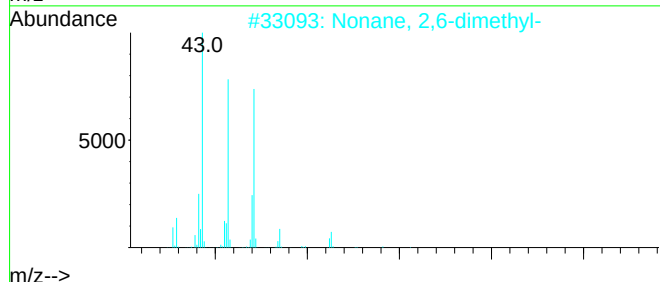
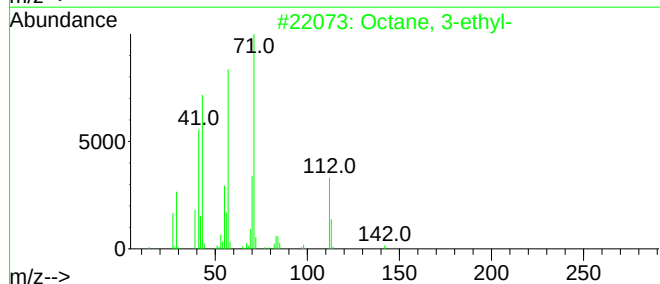
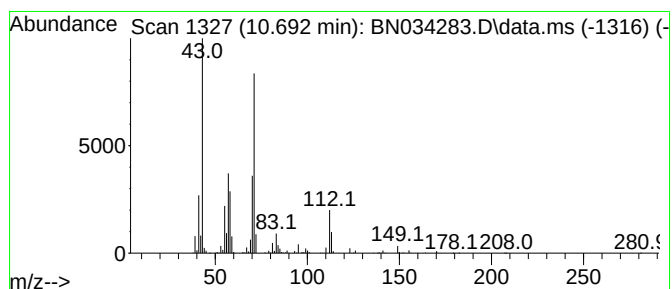
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.692	5.69 ng/ul	10863600	Naphthalene-d8	10.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-	142	C10H22	005881-17-4	64
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	53
3	4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	50
4	Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	47
5	1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
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Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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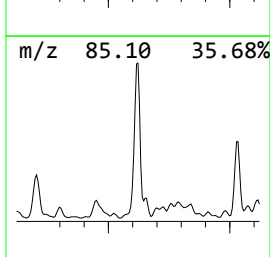
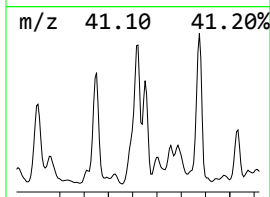
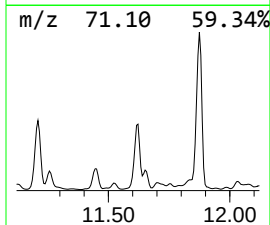
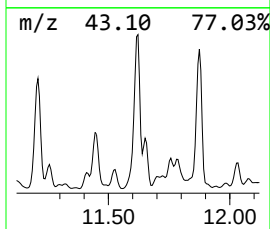
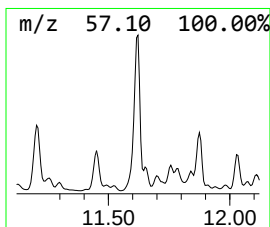
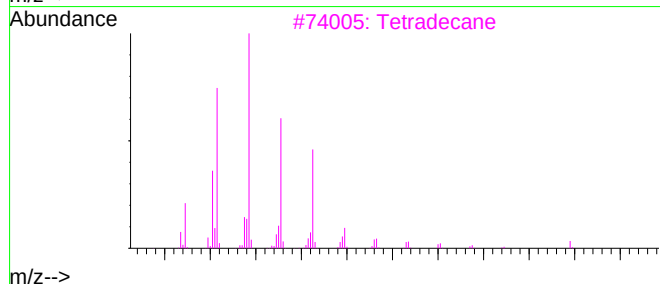
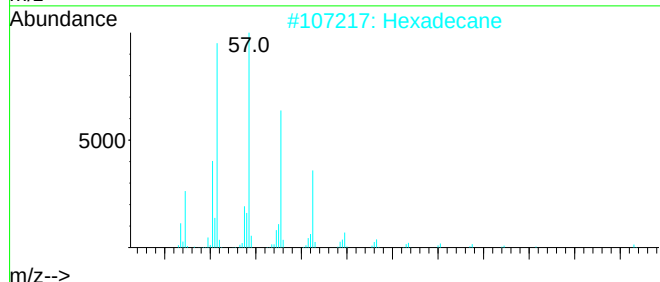
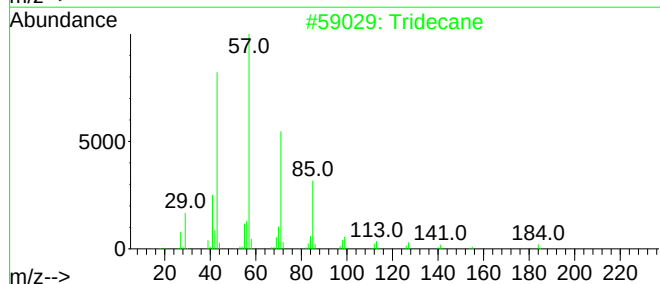
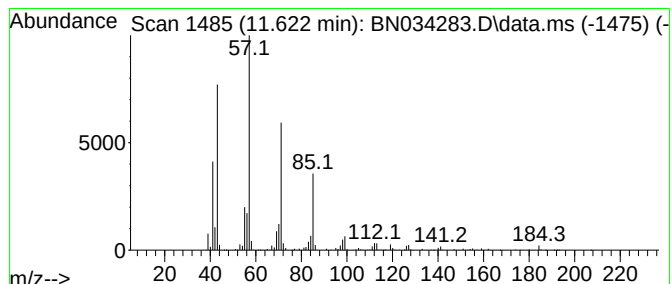
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.622	8.53 ng/ul	16277700	Naphthalene-d8	10.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

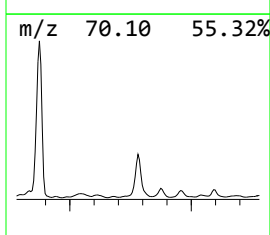
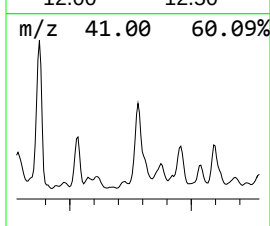
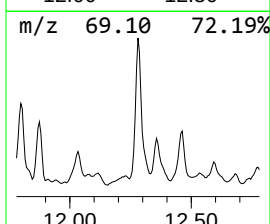
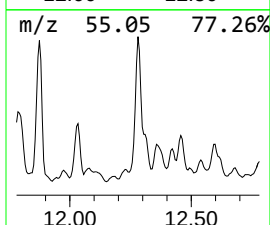
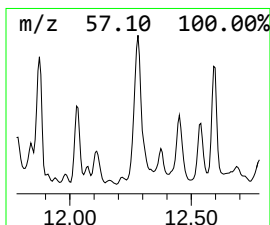
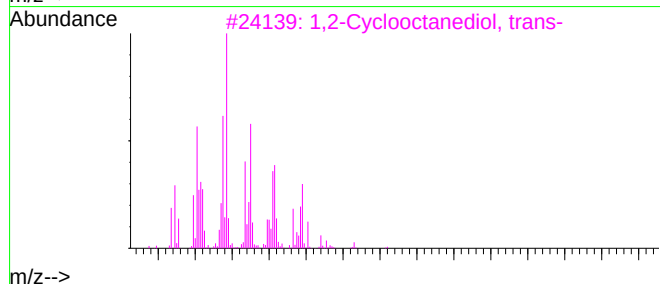
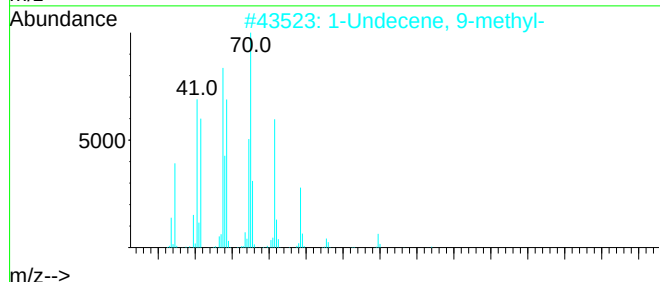
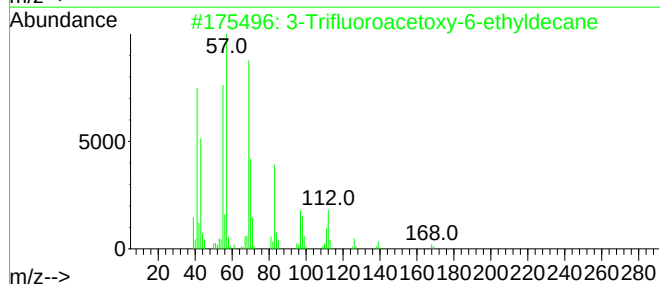
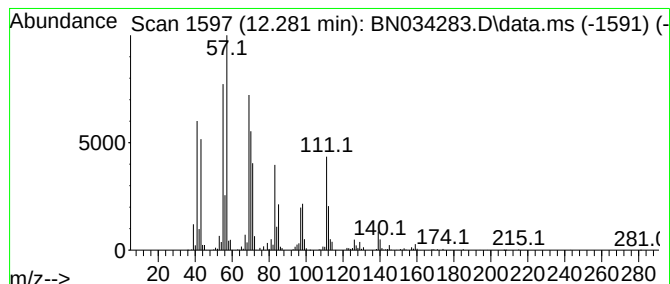
TIC Integration Parameters: LSCINT.P

Peak Number 44 unknown-02

Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.281	40.78 ng/ul	11653600	Acenaphthene-d10	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	46
2			1-Undecene, 9-methyl-	168	C12H24	074630-41-4	43
3			1,2-Cyclooctanediol, trans-	144	C8H16O2	042565-22-0	43
4			Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	38
5			Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1010150-67-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC38

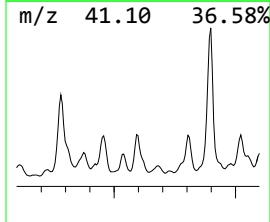
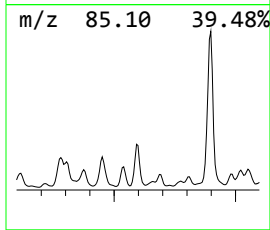
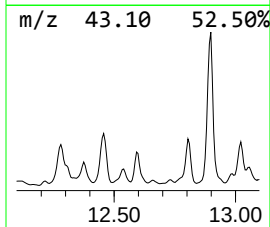
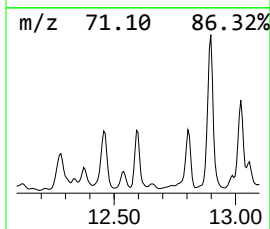
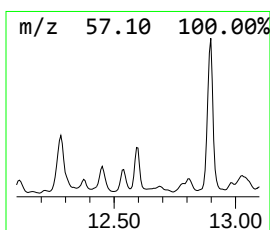
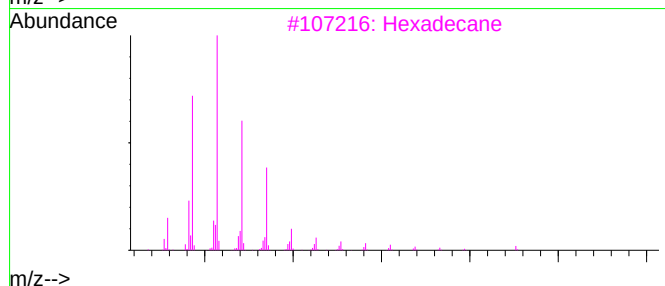
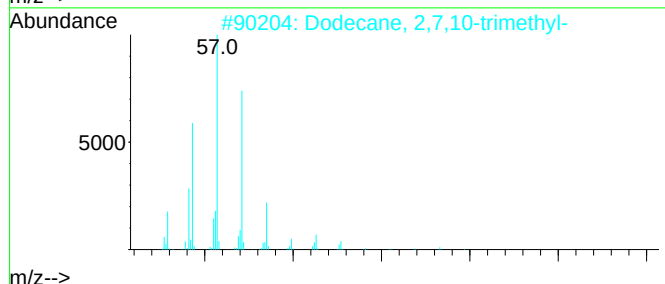
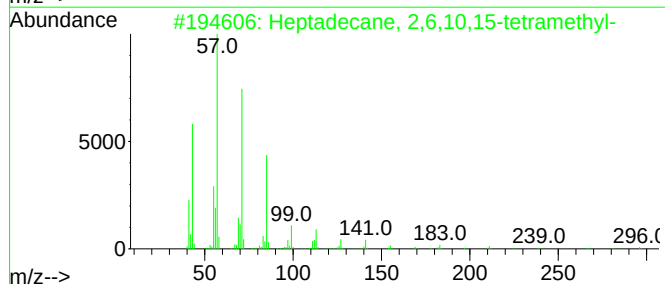
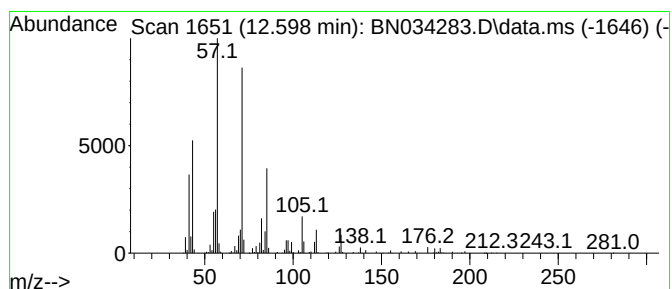
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	21.86 ng/ul	6246380	Acenaphthene-d10	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	68
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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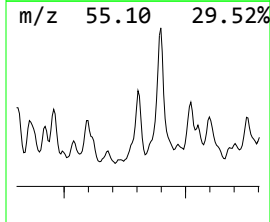
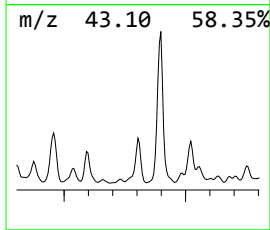
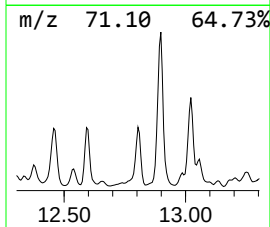
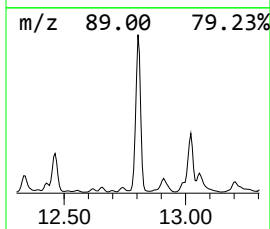
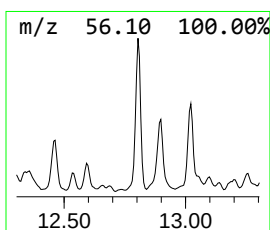
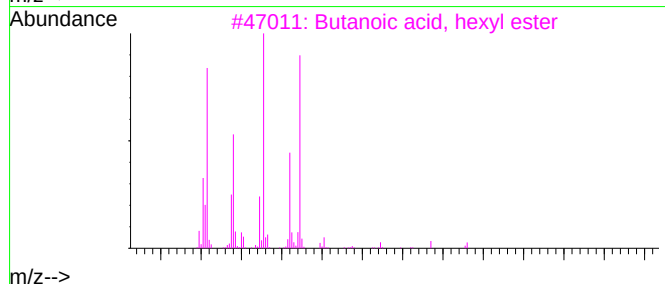
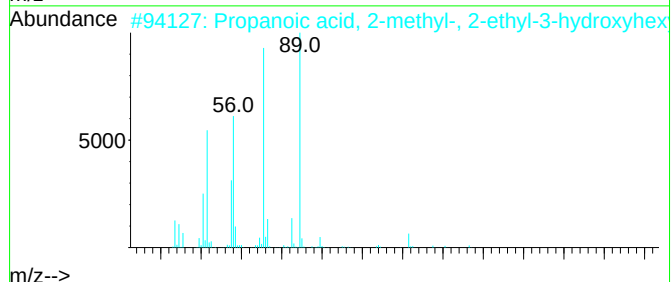
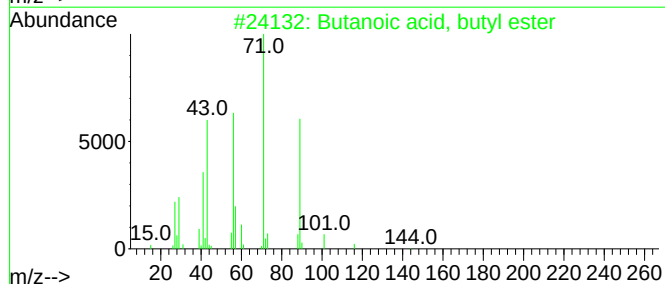
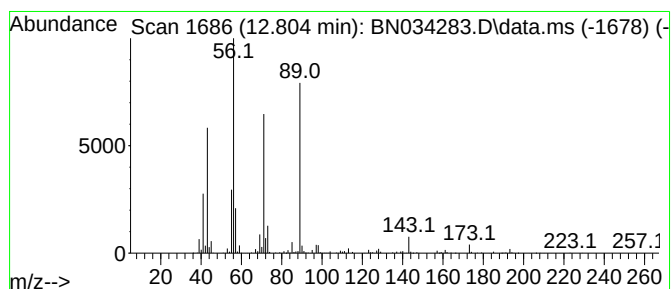
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 46 Butanoic acid, butyl ester Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.804	21.18 ng/ul	6051770	Acenaphthene-d10	14.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72
2	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	56
3	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	50
4	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	50
5	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
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Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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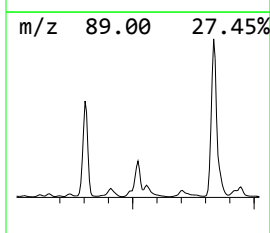
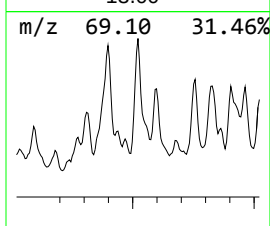
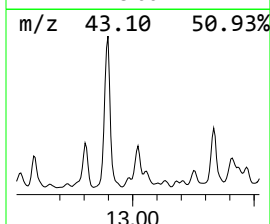
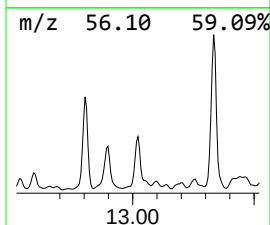
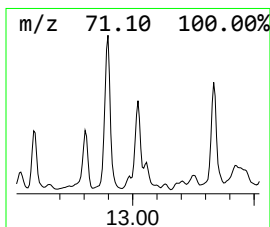
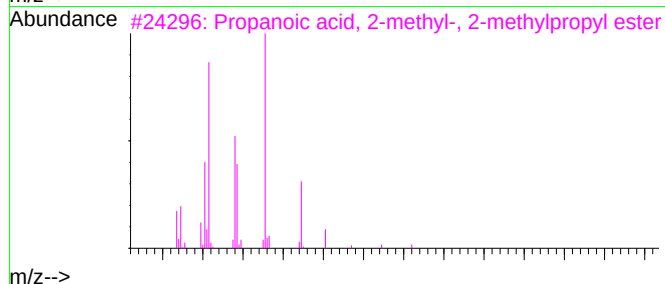
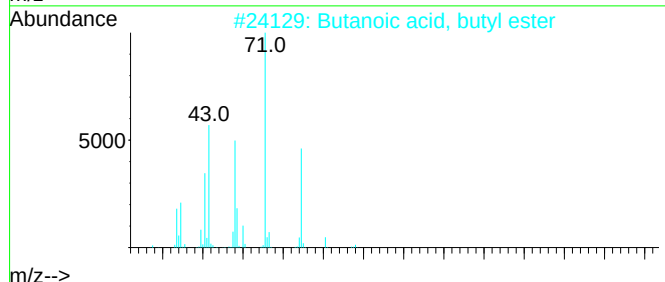
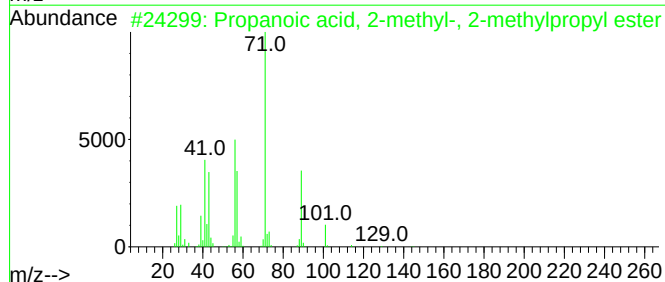
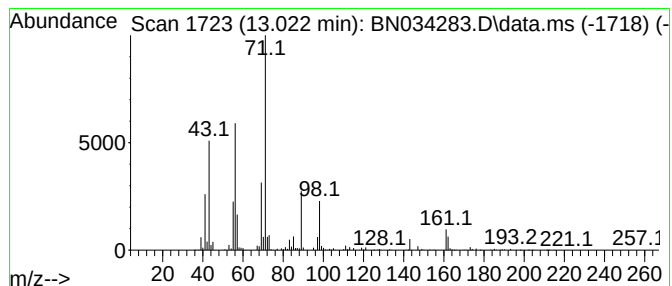
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 47 Propanoic acid, 2-methyl-, ... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.022	15.08 ng/ul	4308410	Acenaphthene-d10	14.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	59
2	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	59
3	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	59
4	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	45
5	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

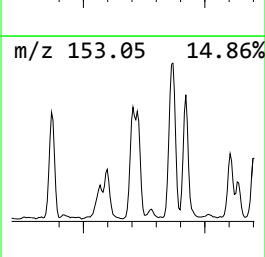
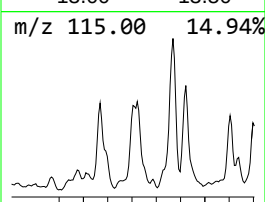
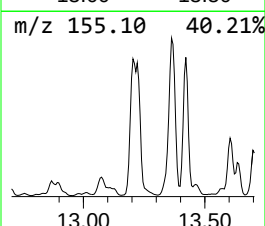
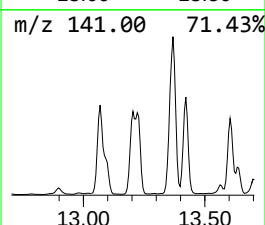
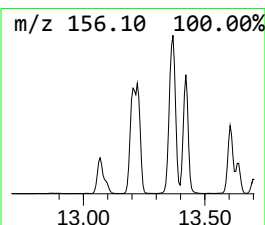
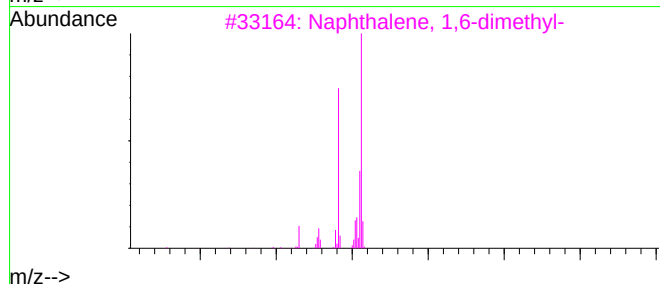
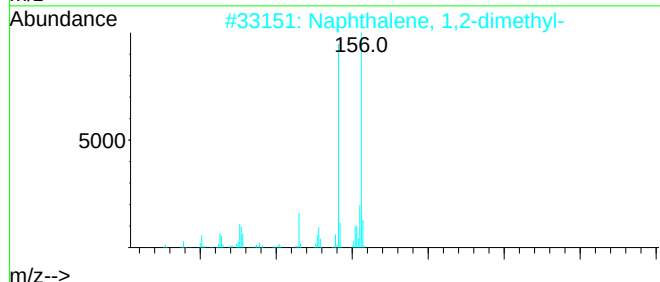
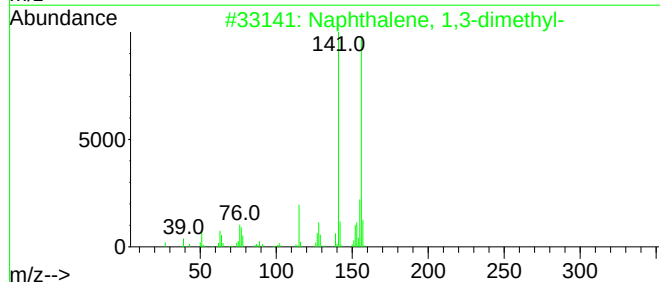
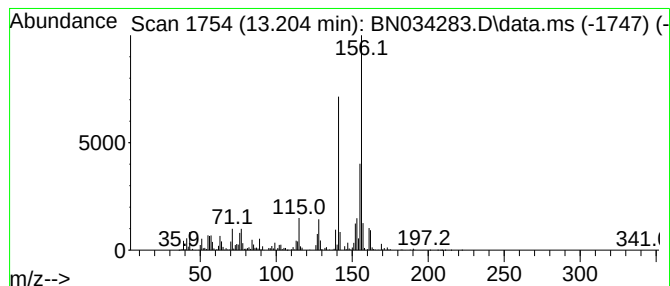
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 48 Naphthalene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.204	33.18 ng/ul	9481370	Acenaphthene-d10		14.045	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-		156	C12H12	000575-41-7	96
2	Naphthalene, 1,2-dimethyl-		156	C12H12	000573-98-8	96
3	Naphthalene, 1,6-dimethyl-		156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-		156	C12H12	000581-42-0	96
5	Naphthalene, 1,5-dimethyl-		156	C12H12	000571-61-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

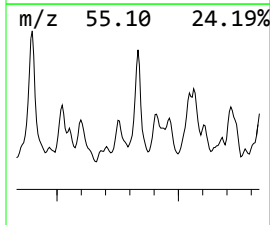
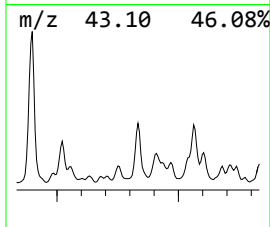
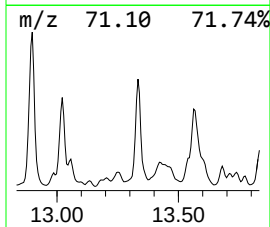
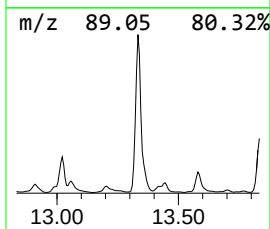
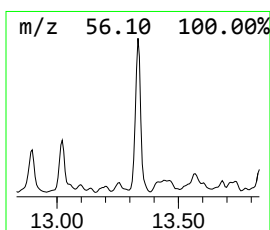
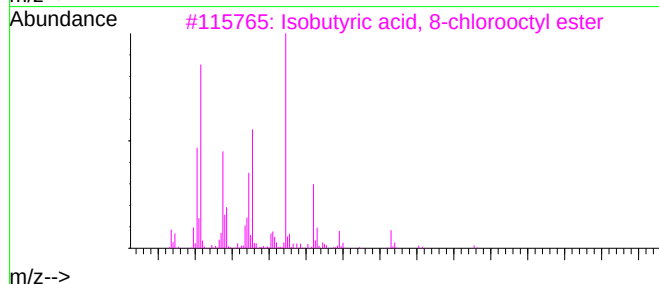
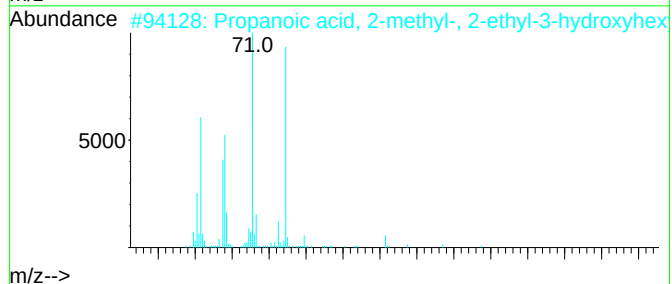
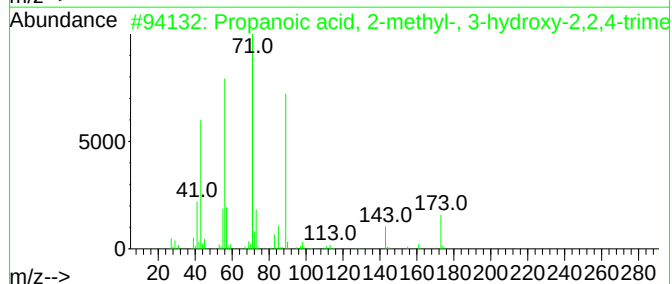
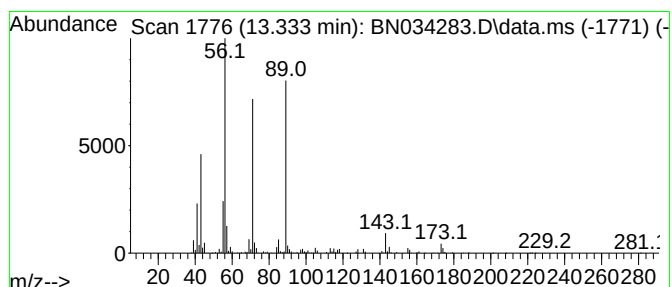
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.334	28.88 ng/ul	8253120	Acenaphthene-d10	14.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	000077-68-9	40
2	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	39
3	Isobutyric acid, 8-chlorooctyl e...	234	C12H23ClO2	1000447-30-0	36
4	Methyl pyruvate dimethyl acetal	148	C6H12O4	010076-48-9	36
5	3-(1,3-Dihydroxyisopropyl)-1,5,8...	264	C12H24O6	109773-63-9	33



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC38

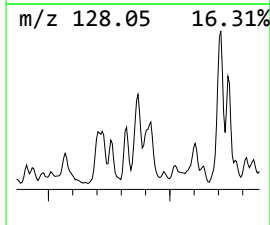
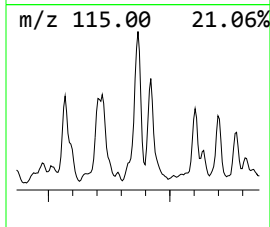
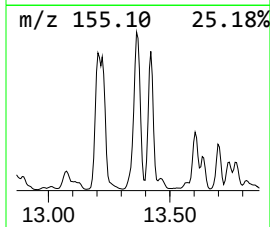
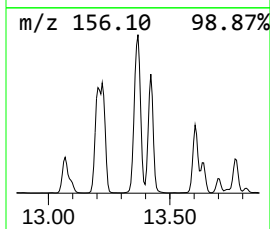
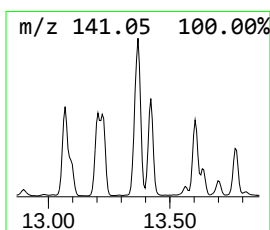
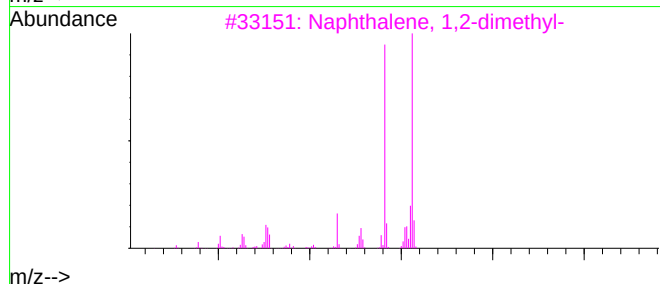
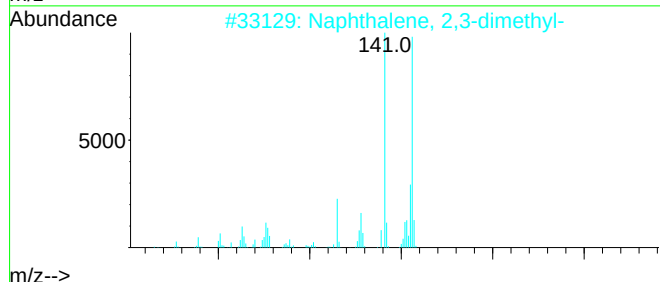
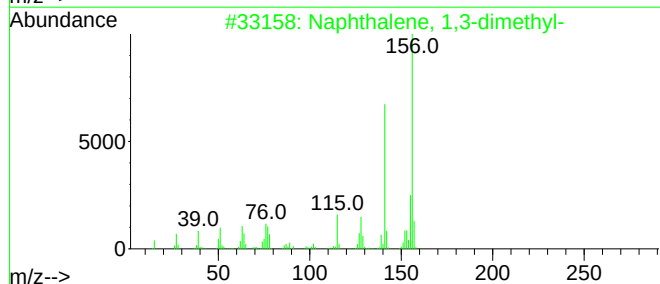
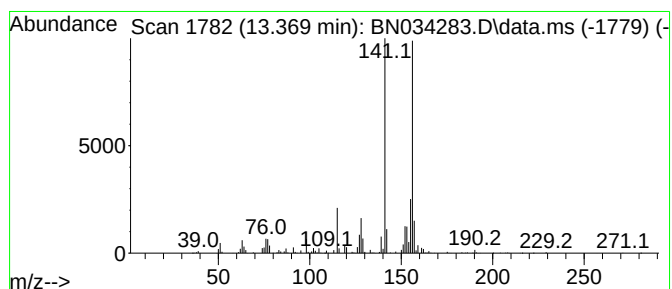
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 50 Naphthalene, 2,3-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.369	17.85 ng/ul	5100270	Acenaphthene-d10	14.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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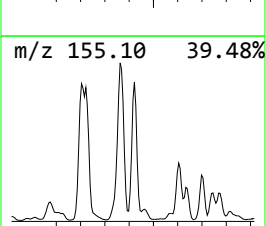
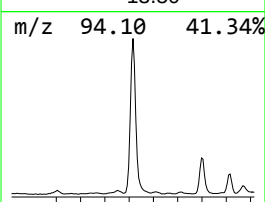
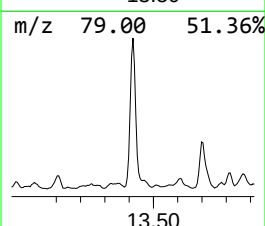
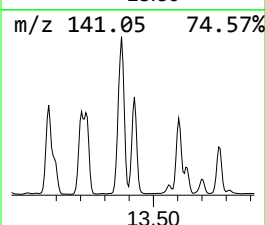
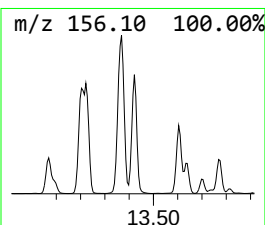
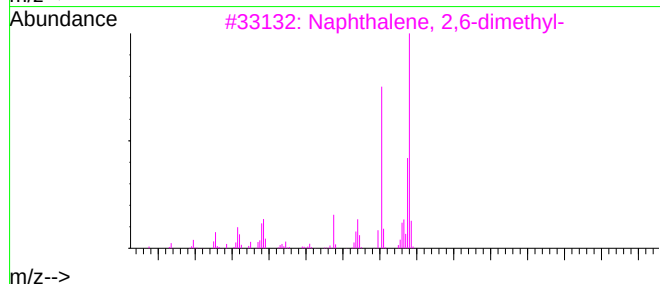
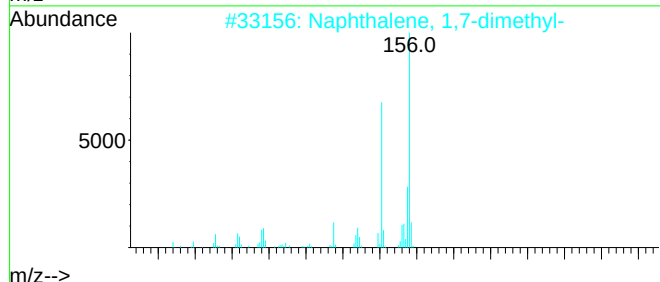
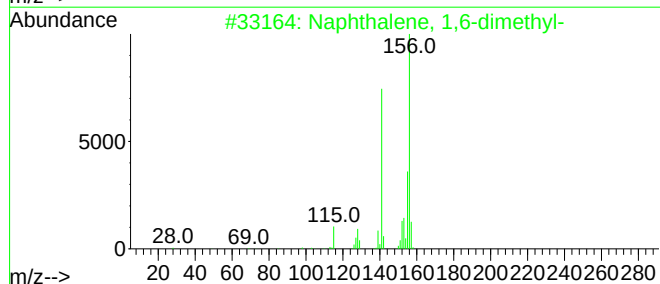
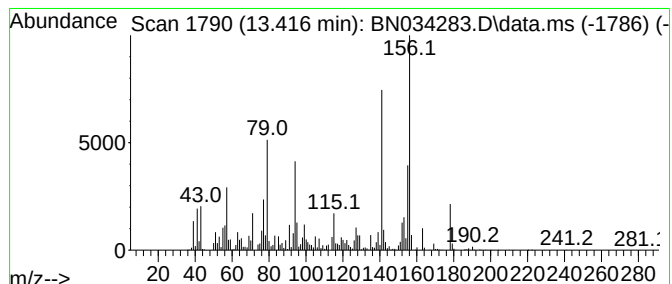
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 51 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.416	29.06 ng/ul	8304350	Acenaphthene-d10		14.045	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-		156	C12H12	000575-43-9	90
2	Naphthalene, 1,7-dimethyl-		156	C12H12	000575-37-1	83
3	Naphthalene, 2,6-dimethyl-		156	C12H12	000581-42-0	83
4	Naphthalene, 2,7-dimethyl-		156	C12H12	000582-16-1	83
5	Naphthalene, 1,7-dimethyl-		156	C12H12	000575-37-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

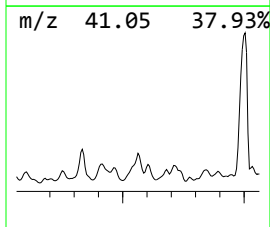
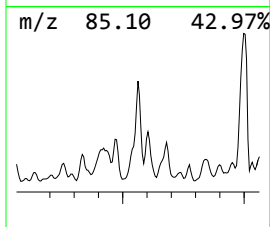
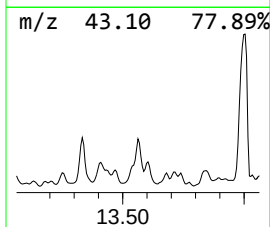
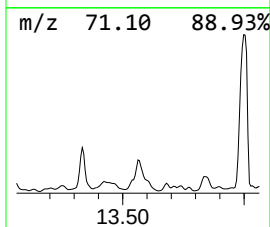
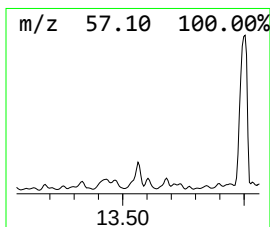
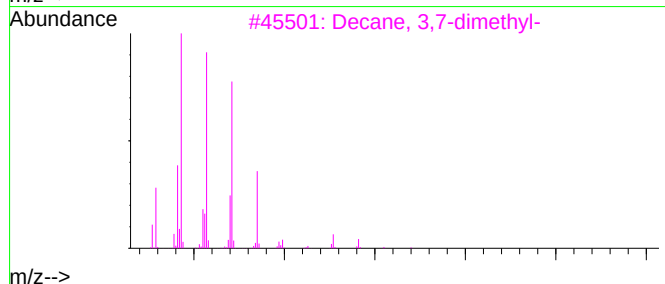
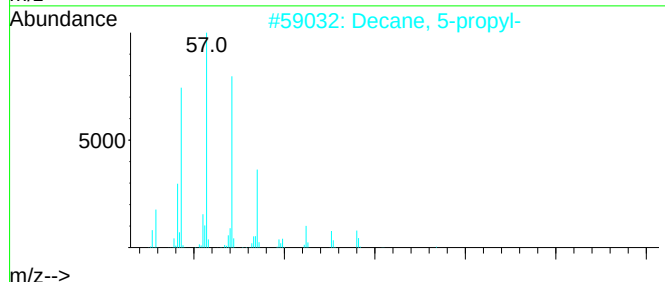
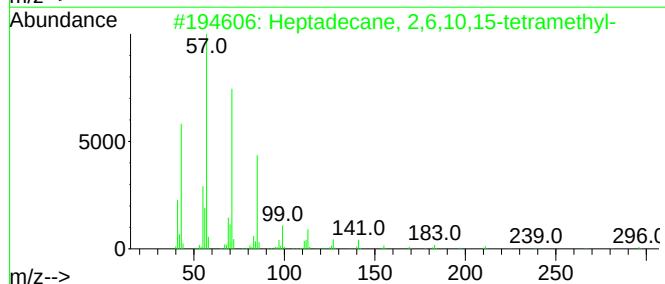
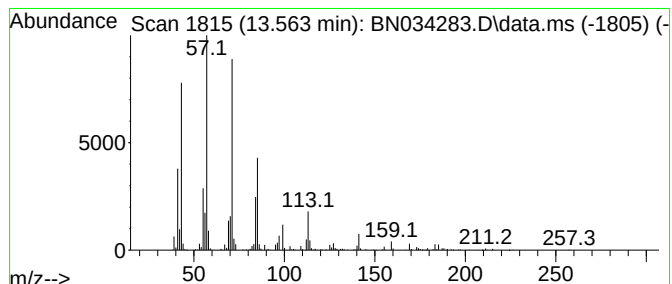
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.563	32.73 ng/ul	9352760	Acenaphthene-d10	14.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
2	Decane, 5-propyl-	184	C13H28	017312-62-8	68
3	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	64
4	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	64
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

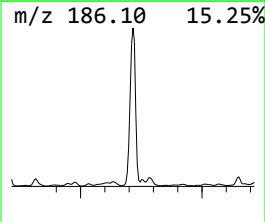
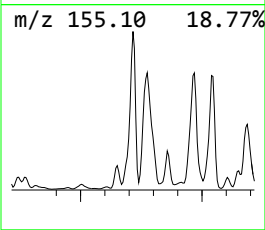
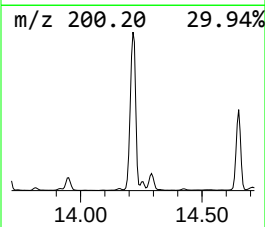
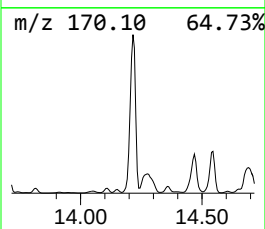
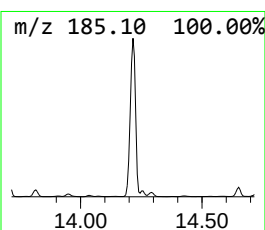
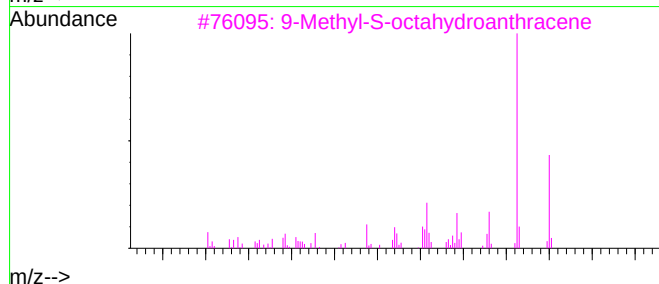
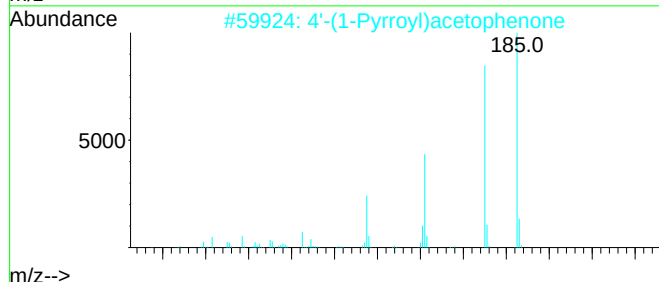
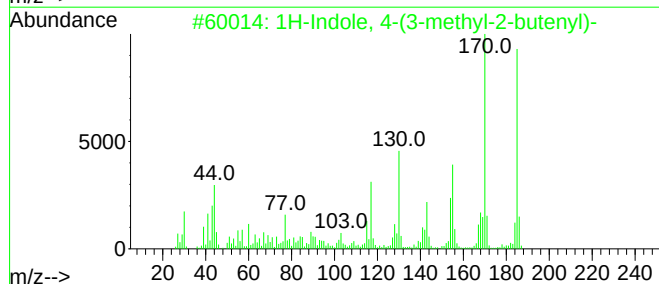
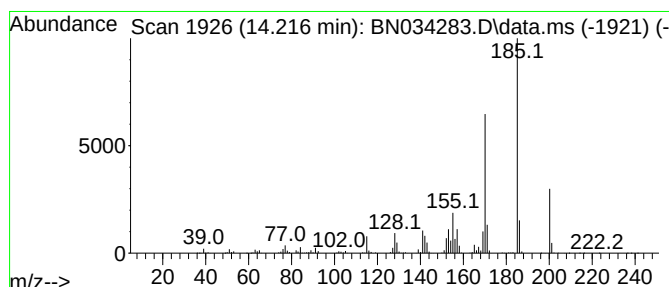
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 53 1H-Indole, 4-(3-methyl-2-bu... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.216	60.32 ng/ul	17238200	Acenaphthene-d10	14.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 4-(3-methyl-2-butenyl)-	185	C13H15N	032962-25-7	74
2	4'-(1-Pyrroyl)acetophenone	185	C12H11NO	022106-37-2	58
3	9-Methyl-S-octahydroanthracene	200	C15H20	004948-51-0	53
4	1H-Pyrazole, 5-(t-butyl)-3-phenyl-	200	C13H16N2	1000261-34-8	46
5	6-Fluoro-2,4-pyrimidinediamine, TMS	200	C7H13FN4Si	1000472-66-9	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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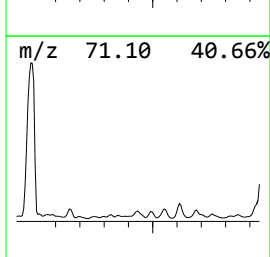
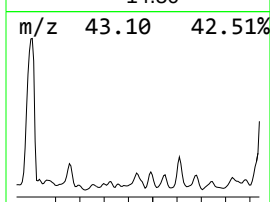
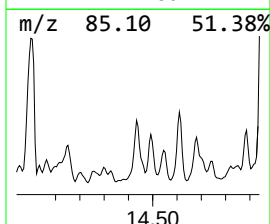
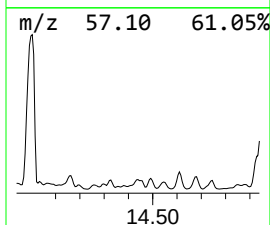
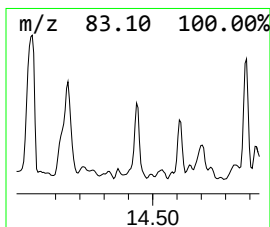
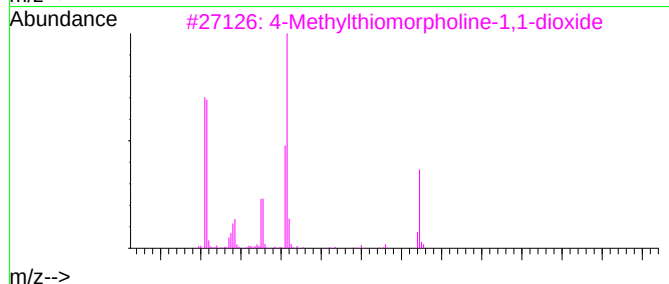
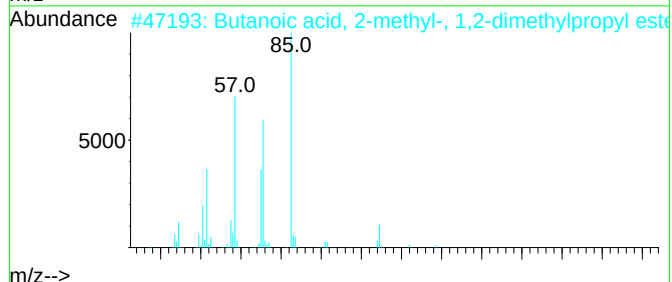
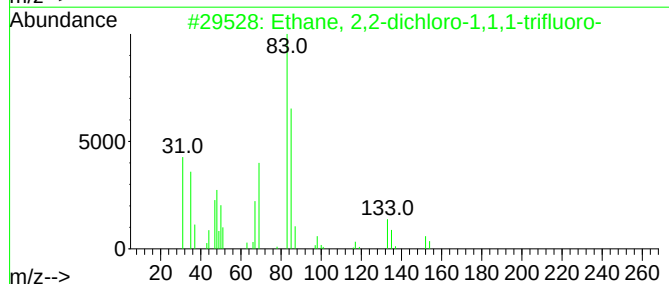
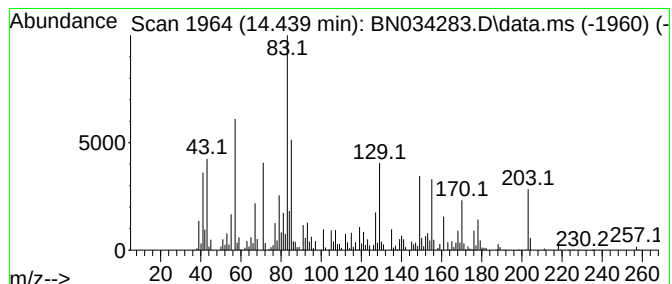
TIC Integration Parameters: LSCINT.P

Peak Number 54 unknown-04

Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.439	20.29 ng/ul	5799400	Acenaphthene-d10	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 2,2-dichloro-1,1,1-trifl...	152	C2HC12F3	000306-83-2	27
2			Butanoic acid, 2-methyl-, 1,2-di...	172	C10H20O2	084696-83-3	27
3			4-Methylthiomorpholine-1,1-dioxide	149	C5H11NO2S	025343-91-3	22
4			But-2-enoic acid, amide, 3-methy...	153	C9H15NO	1000340-09-0	14
5			Acetaldehyde hexyl isobutyl acetal	202	C12H26O2	1000430-99-4	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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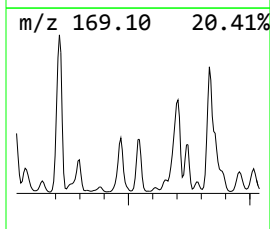
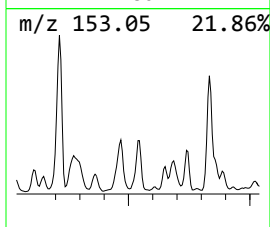
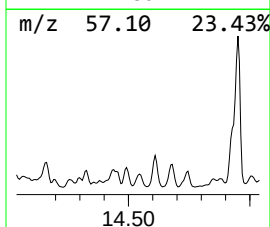
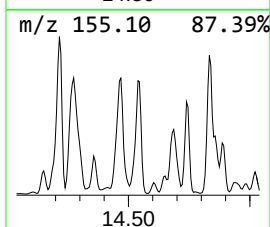
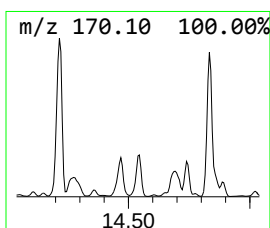
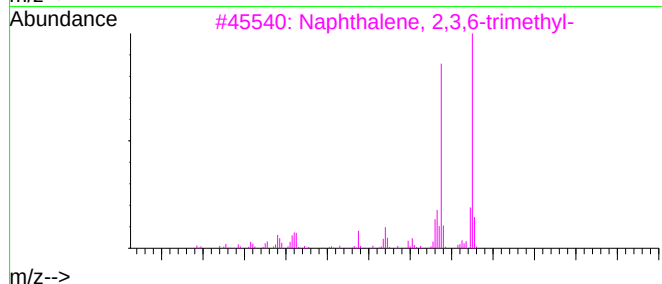
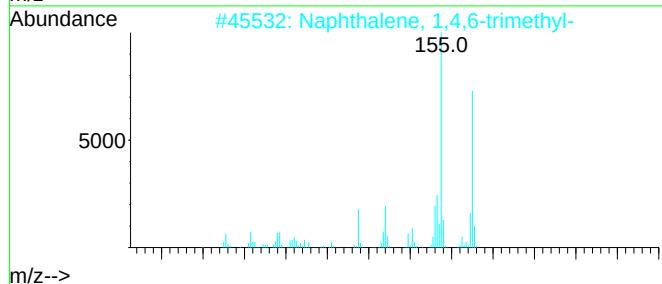
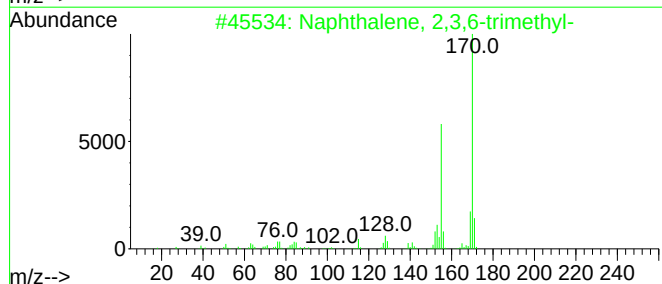
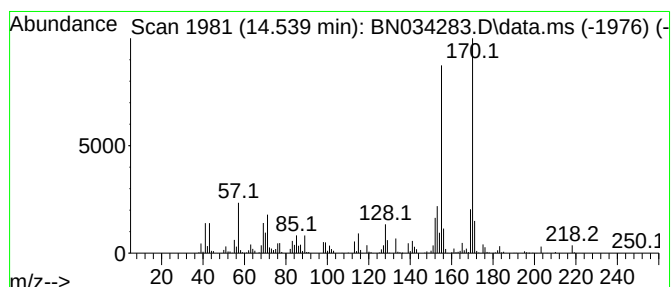
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Quant Title : SVOA CALIBRATION

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

Peak Number 55 Naphthalene, 2,3,6-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	17.85 ng/ul	5100620	Acenaphthene-d10	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
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Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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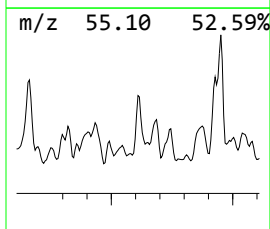
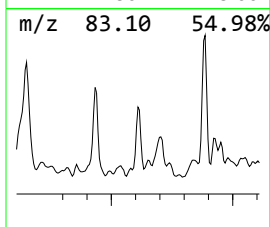
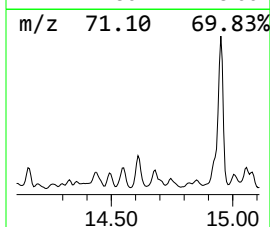
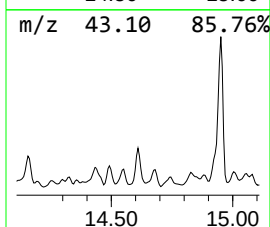
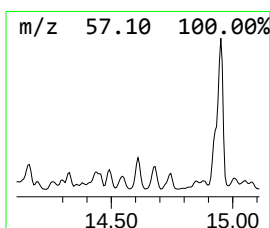
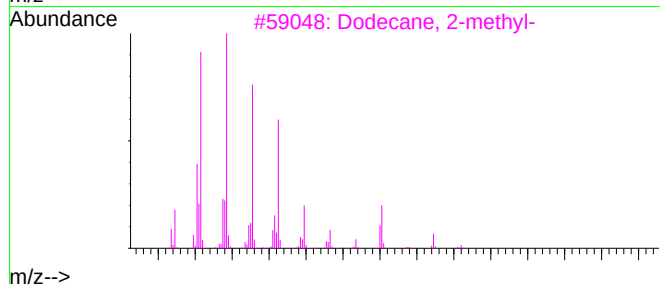
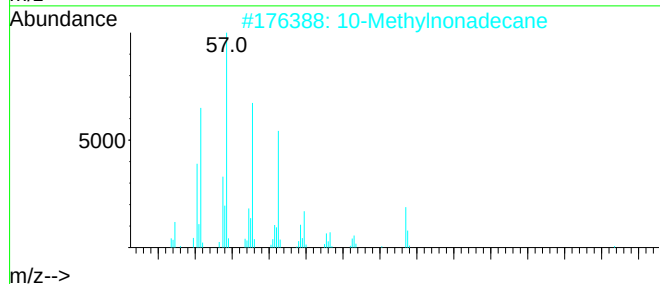
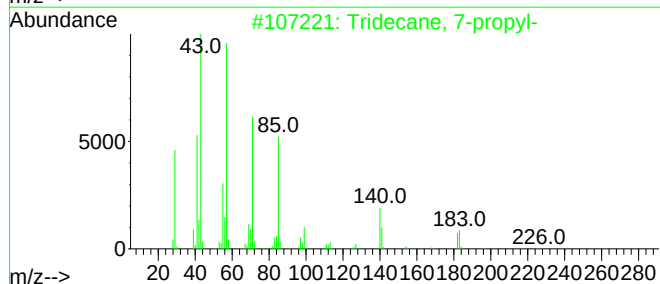
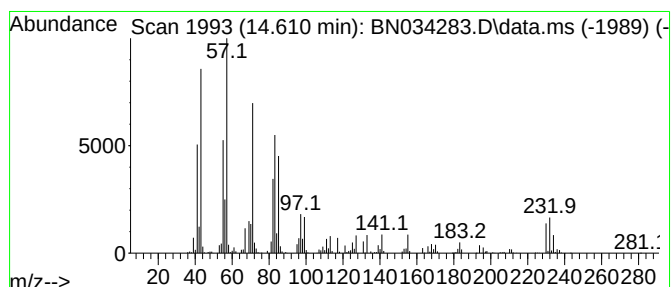
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.610	15.65 ng/ul	4473540	Acenaphthene-d10	14.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	70
2	10-Methylnonadecane	282	C20H42	056862-62-5	60
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
4	Heptacosane	380	C27H56	000593-49-7	53
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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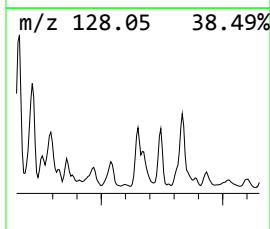
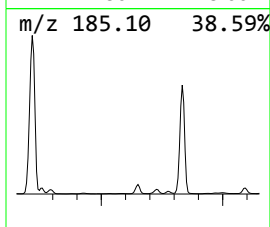
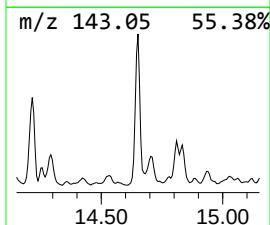
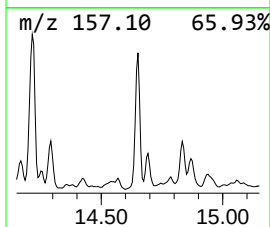
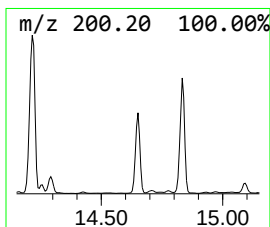
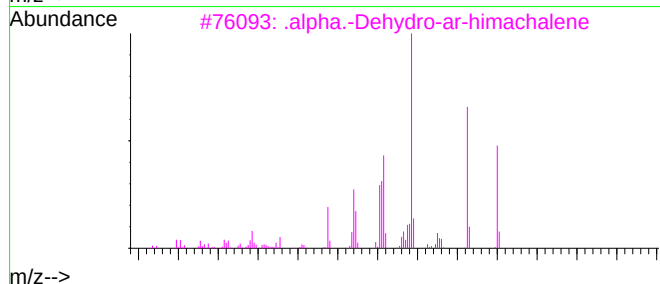
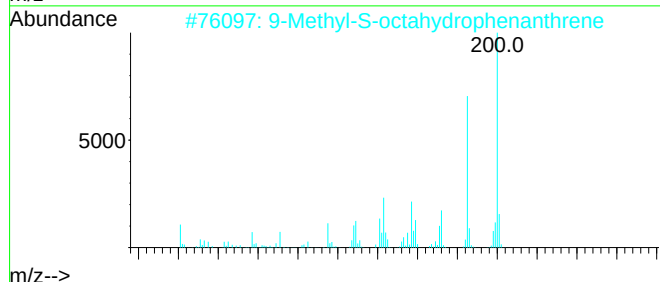
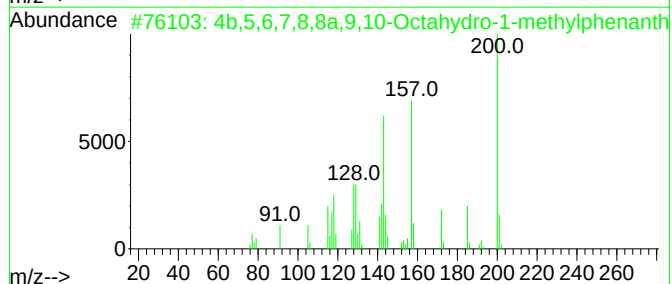
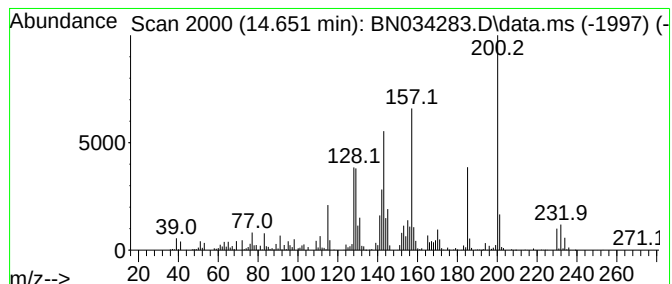
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 57 4b,5,6,7,8,8a,9,10-Octahydr... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.651	17.28 ng/ul	4938950	Acenaphthene-d10		14.045	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4b,5,6,7,8,8a,9,10-Octahydro-1-m...		200	C15H20	1000080-19-3	96
2	9-Methyl-S-octahydrophenanthrene		200	C15H20	023861-81-6	64
3	.alpha.-Dehydro-ar-himachalene		200	C15H20	078204-62-3	53
4	Isolongifolene, 4,5,9,10-dehydro-		200	C15H20	156747-45-4	53
5	1,2,3,4,4a,9,10,10a-(trans-4a,10...		200	C14H16O	021656-46-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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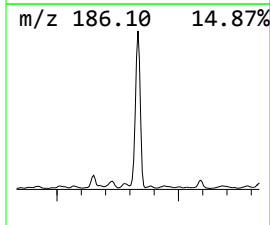
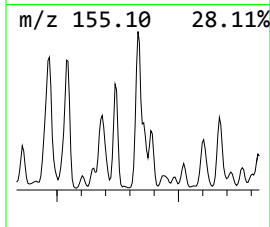
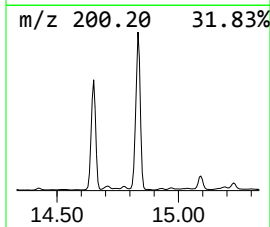
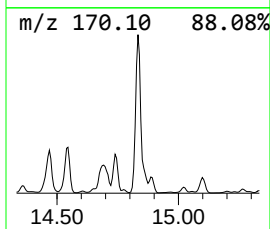
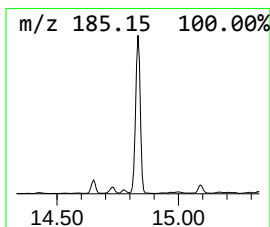
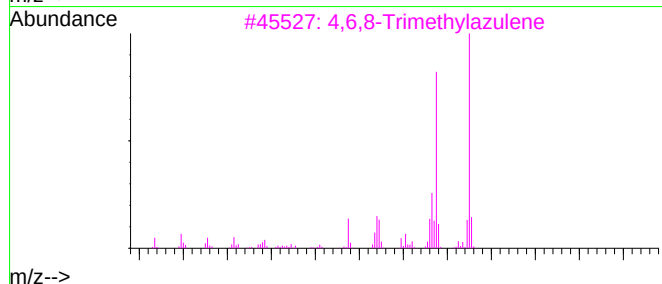
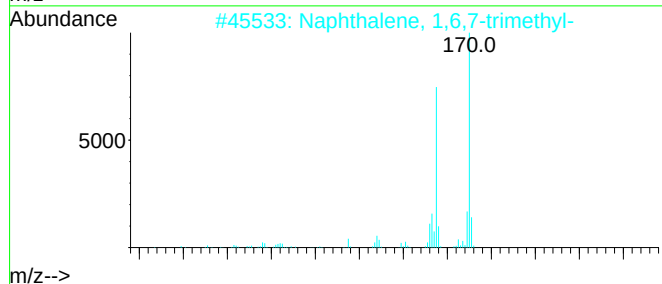
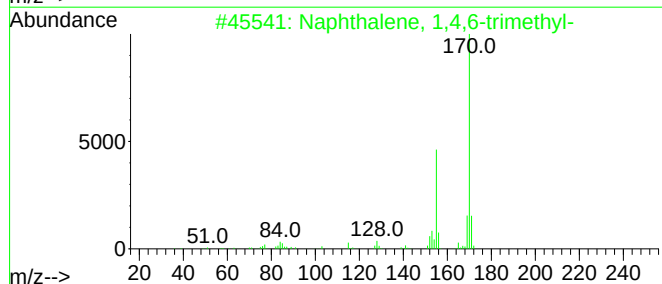
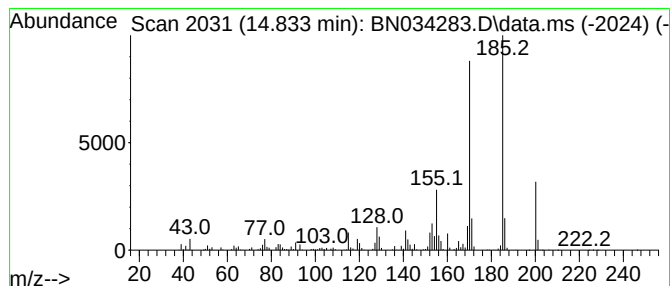
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Quant Title : SVOA CALIBRATION

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

Peak Number 58 Naphthalene, 1,4,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.833	61.81 ng/ul	17664400	Acenaphthene-d10	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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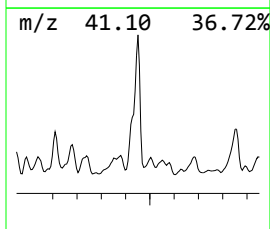
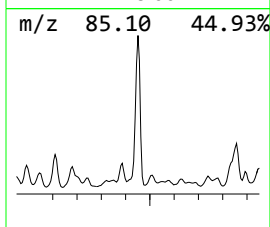
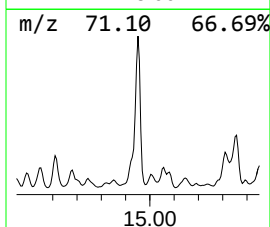
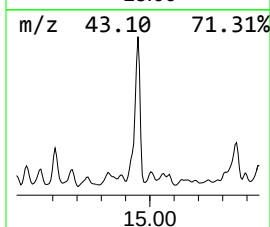
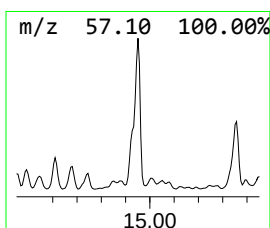
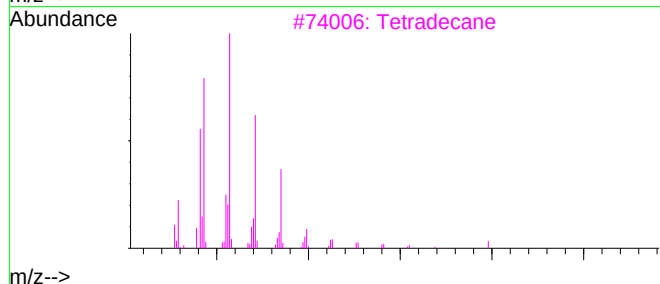
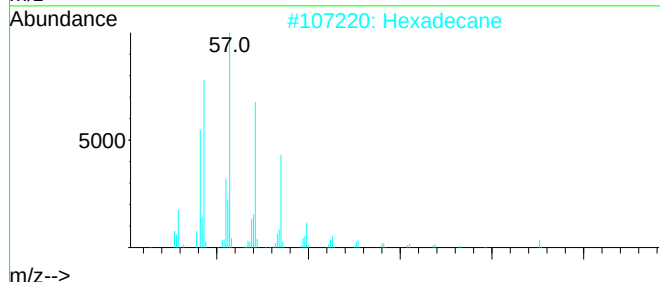
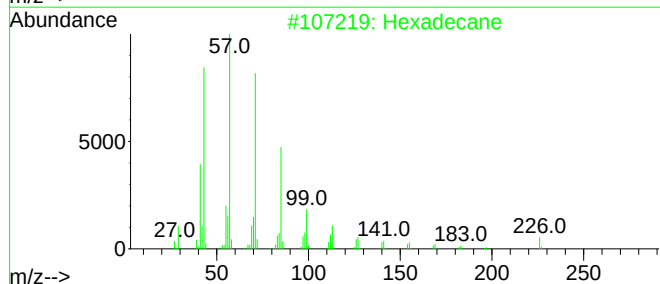
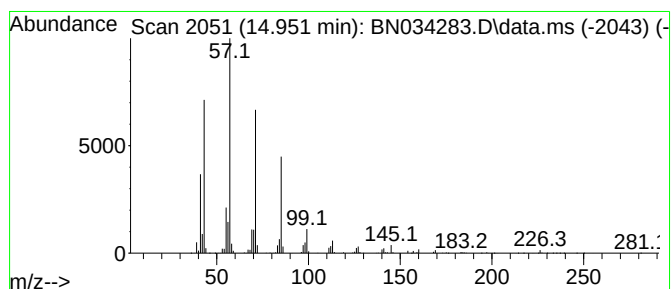
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Quant Title : SVOA CALIBRATION

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

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.951	60.16 ng/ul	17193800	Acenaphthene-d10	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Hexadecane	226	C16H34	000544-76-3	94
3	Tetradecane	198	C14H30	000629-59-4	94
4	Hexadecane	226	C16H34	000544-76-3	93
5	Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION

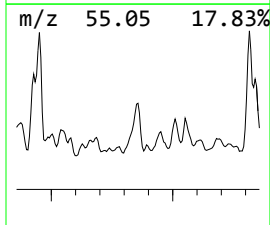
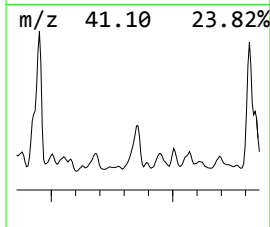
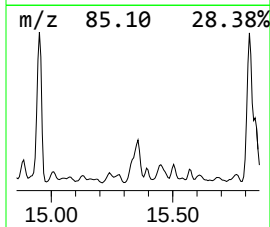
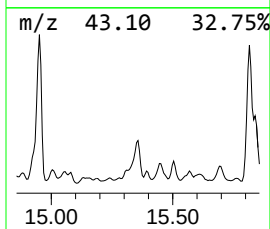
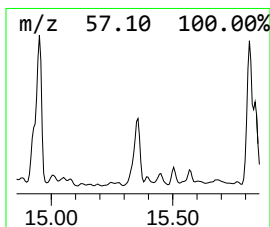
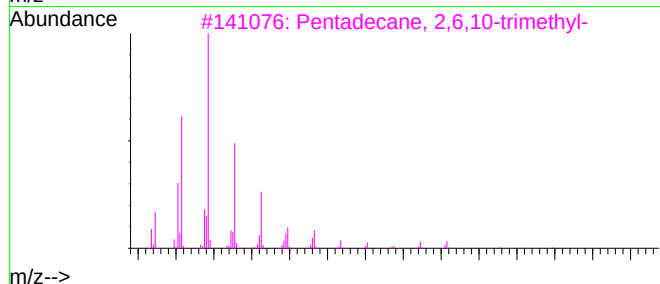
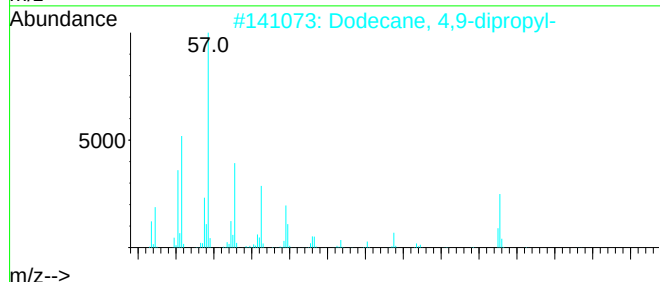
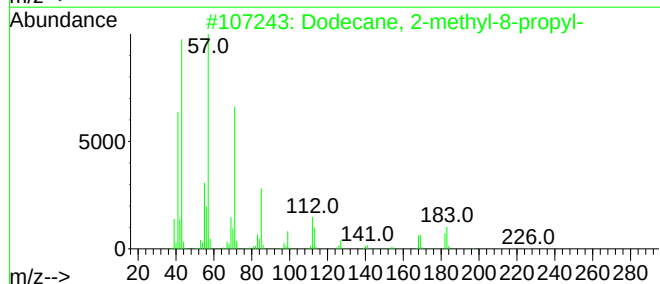
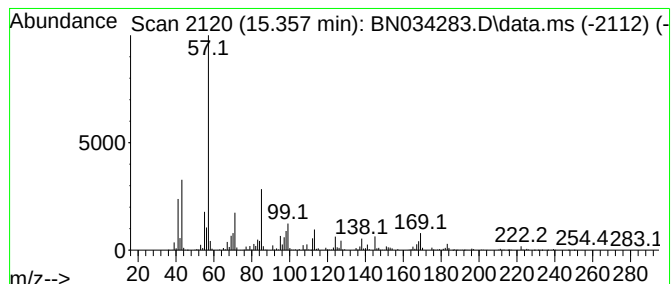
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TIC Integration Parameters: LSCINT.P

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.357	28.13 ng/ul	8039380	Acenaphthene-d10	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	72
2	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	64
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	60
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	53
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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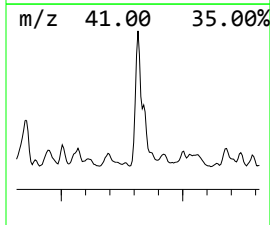
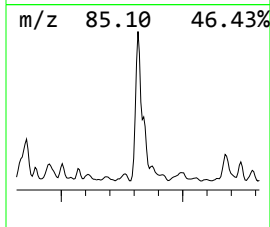
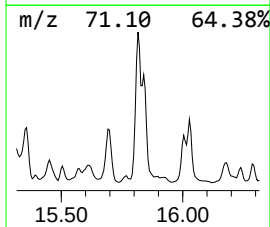
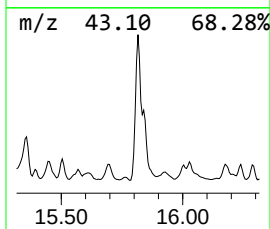
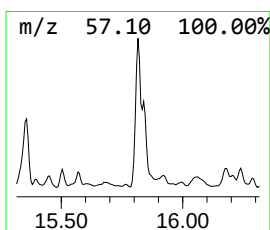
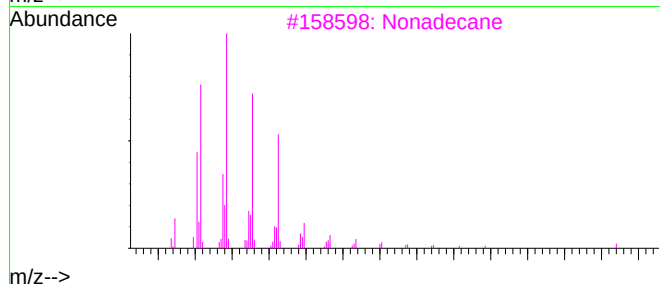
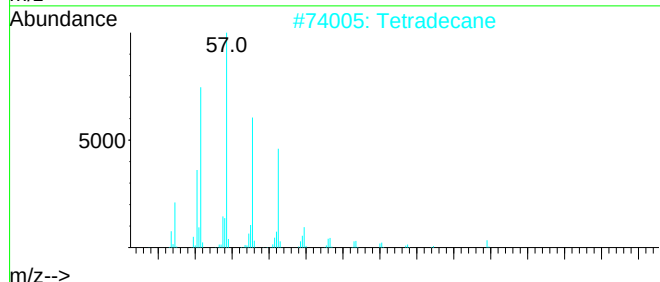
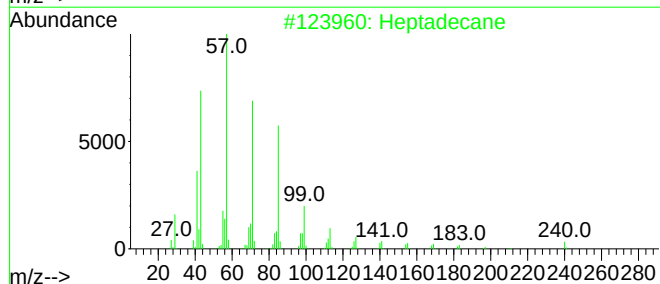
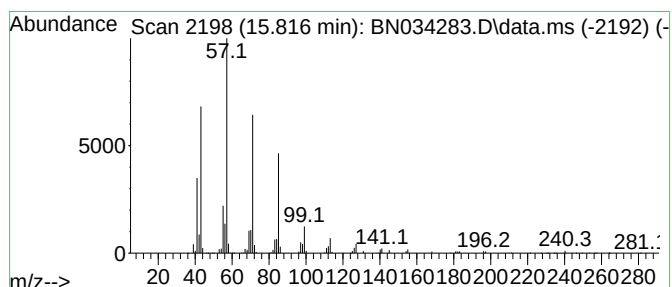
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Quant Title : SVOA CALIBRATION

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

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	55.08 ng/ul	14409900	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tetradecane	198	C14H30	000629-59-4	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
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Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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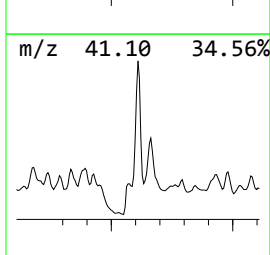
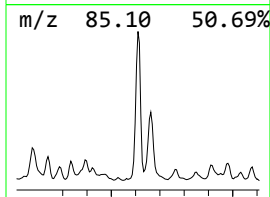
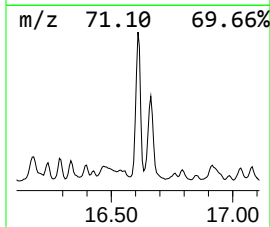
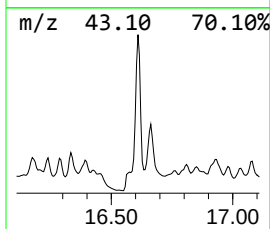
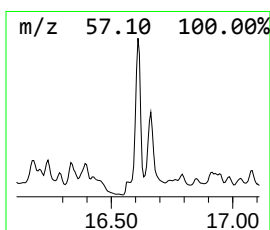
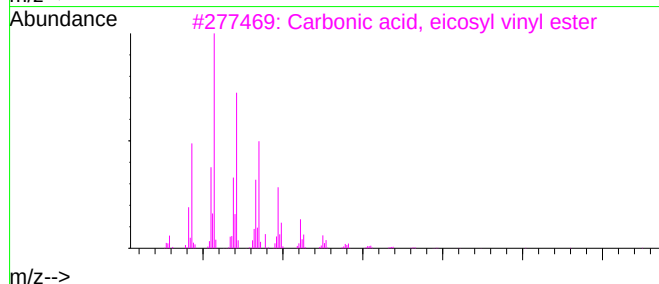
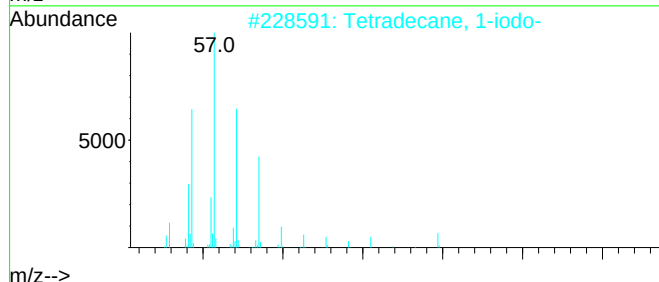
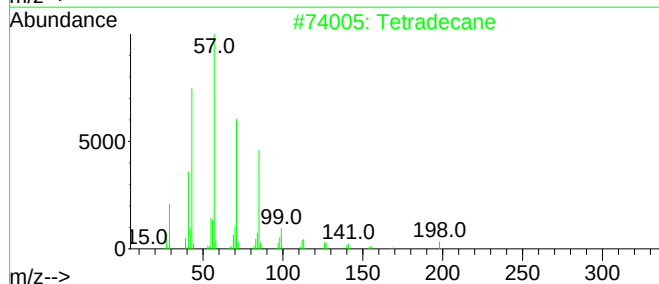
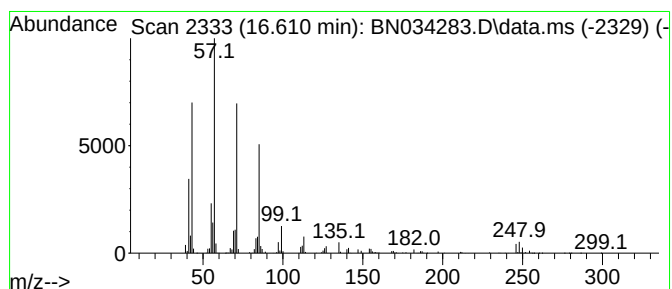
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Quant Title : SVOA CALIBRATION

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

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.610	33.24 ng/ul	8695180	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
5	Pentadecane	212	C15H32	000629-62-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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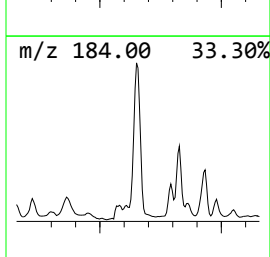
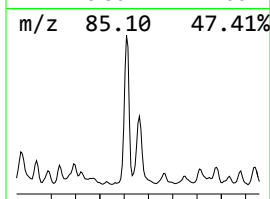
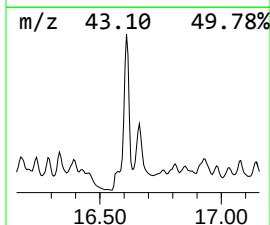
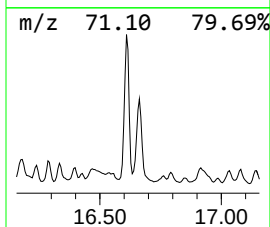
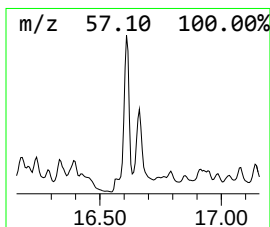
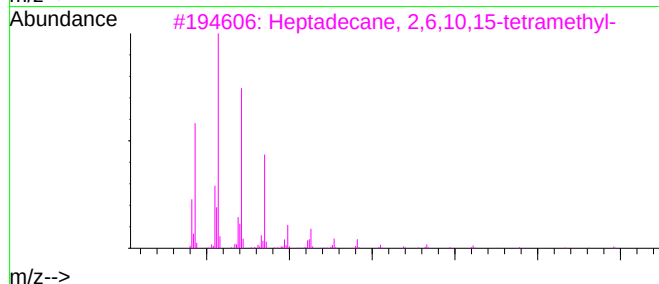
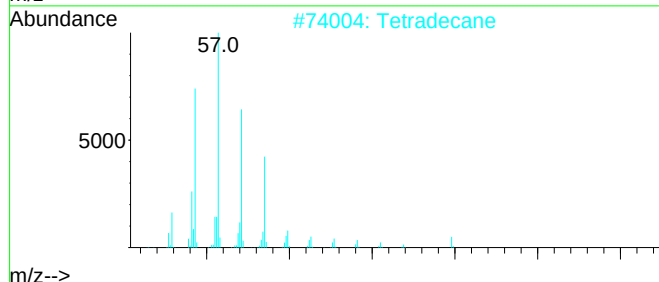
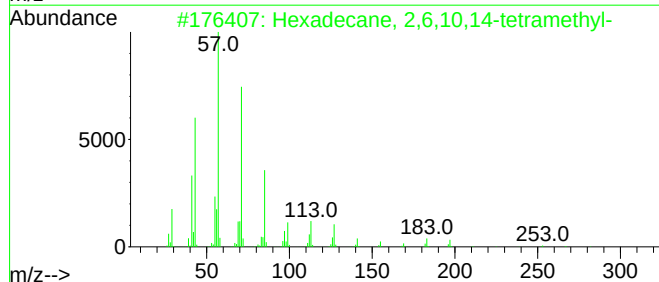
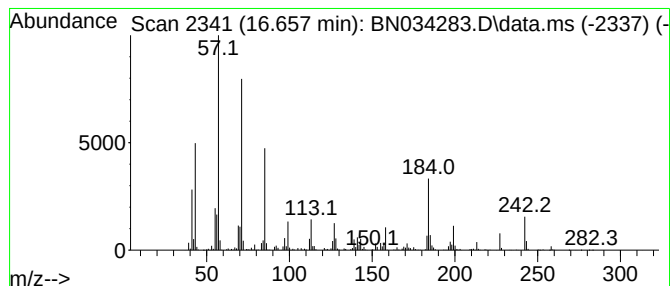
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Quant Title : SVOA CALIBRATION

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

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.657	39.76 ng/ul	10402100	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	76
2	Tetradecane	198	C14H30	000629-59-4	70
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68
4	Heneicosane	296	C21H44	000629-94-7	64
5	Pentacosane	352	C25H52	000629-99-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

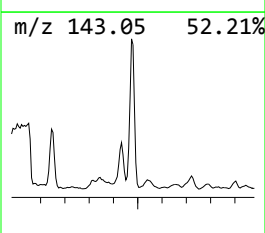
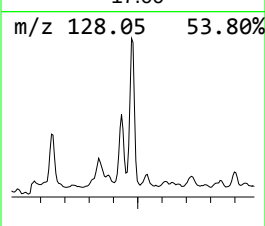
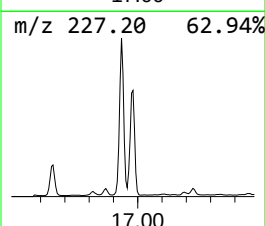
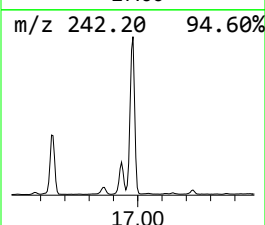
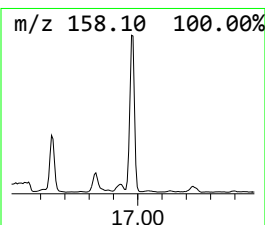
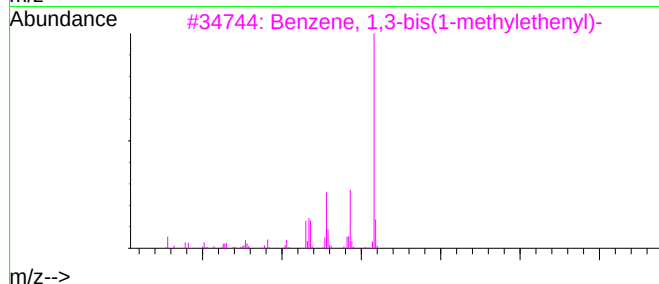
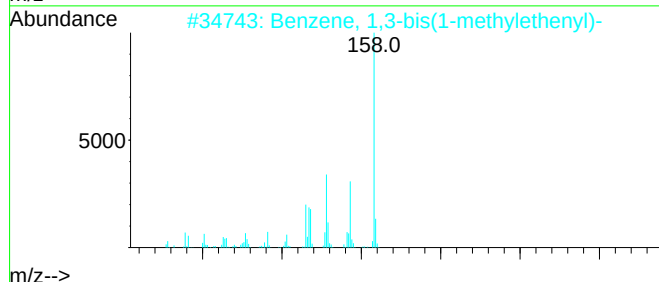
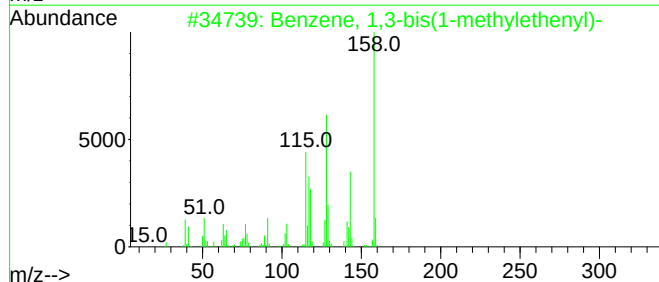
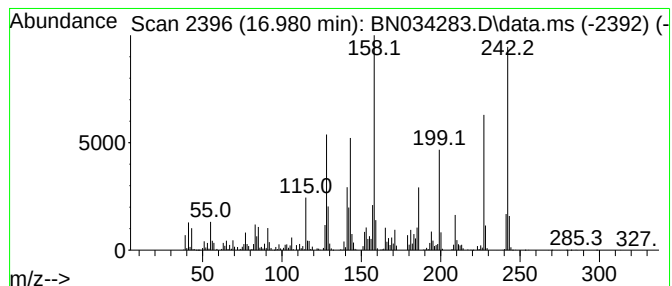
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 64 unknown-05 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.980	27.71 ng/ul	7249570	Phenanthrene-d10	16.827	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	46
2	Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	42
3	Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	41
4	Benzene, 1,4-bis(1-methylethenyl)-	158	C12H14	001605-18-1	38
5	Ethene, 1-[2-methylphenyl]-2-[2-...	242	C15H14OS	1000132-66-7	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

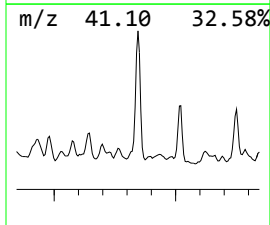
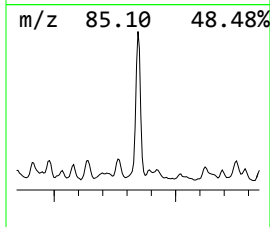
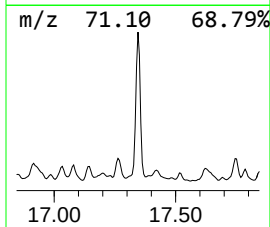
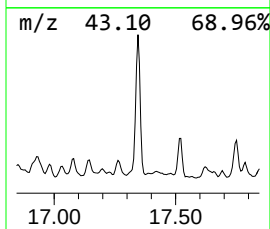
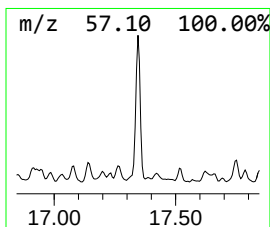
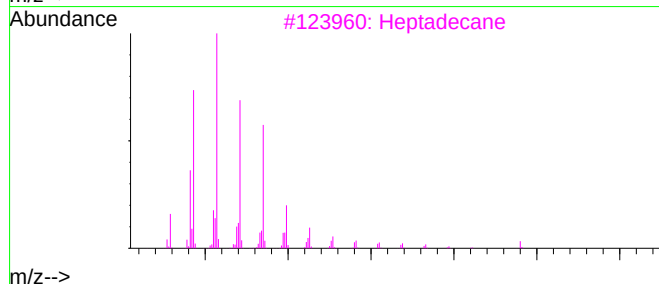
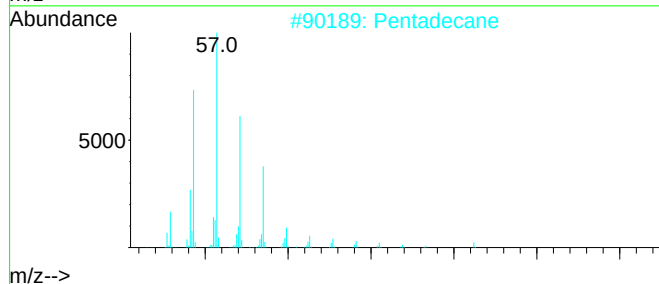
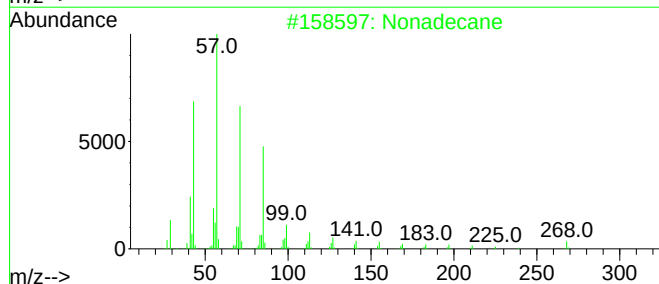
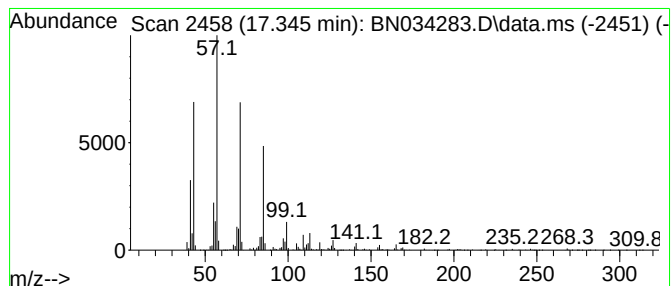
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.345	37.65 ng/ul	9850120	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Pentadecane	212	C15H32	000629-62-9	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC38

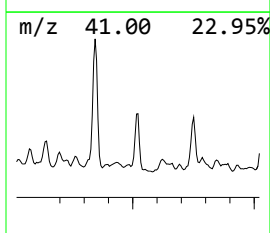
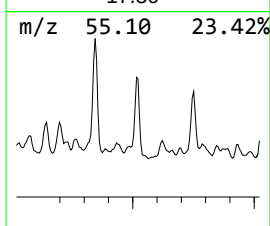
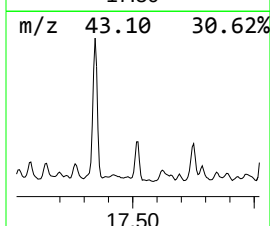
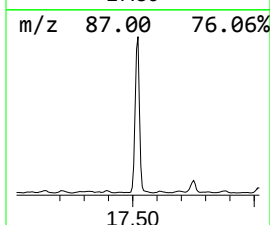
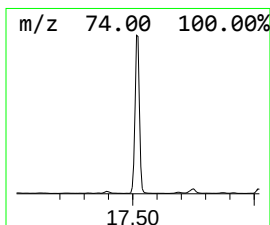
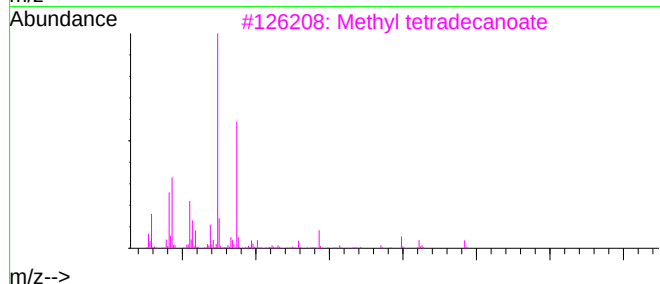
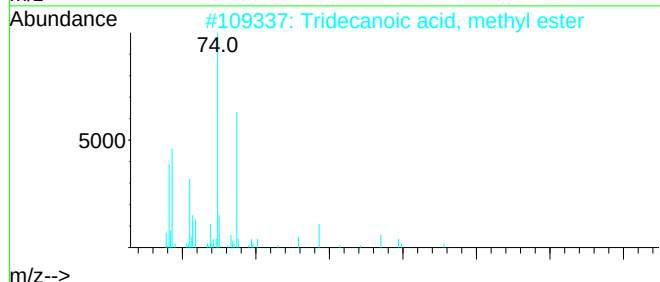
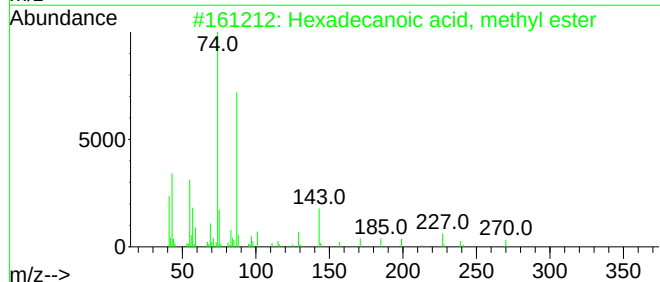
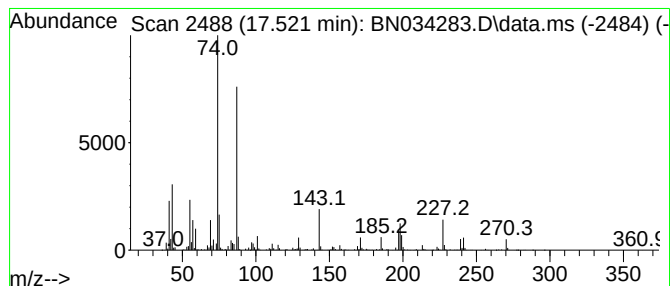
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Quant Title : SVOA CALIBRATION

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

Peak Number 66 Hexadecanoic acid, methyl e... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.522	26.85 ng/ul	7023930	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

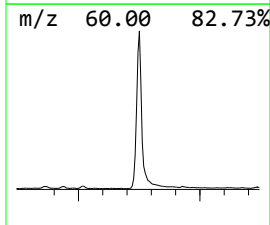
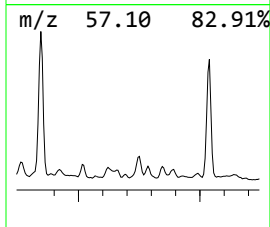
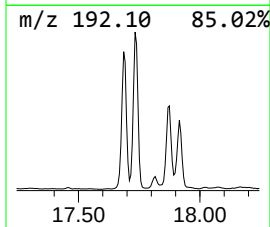
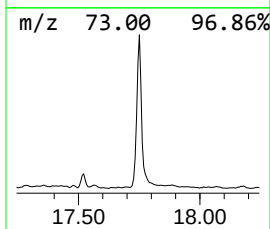
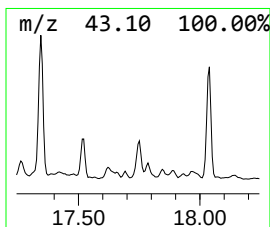
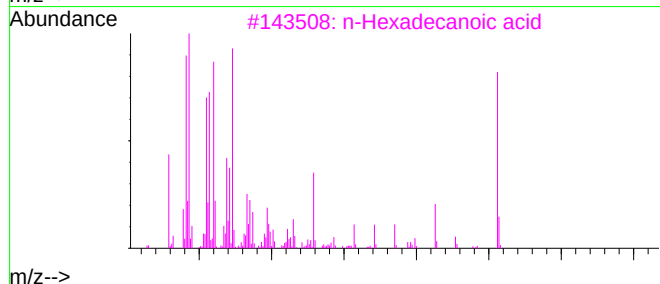
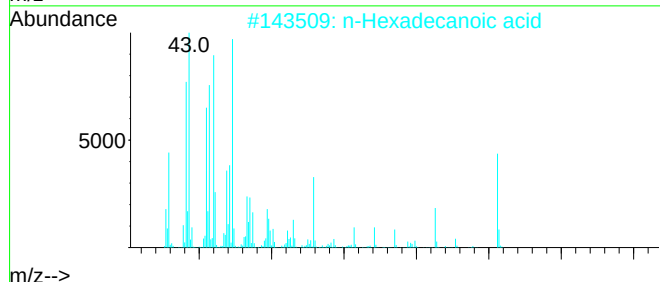
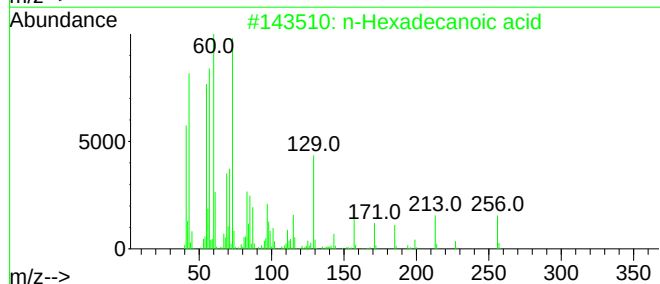
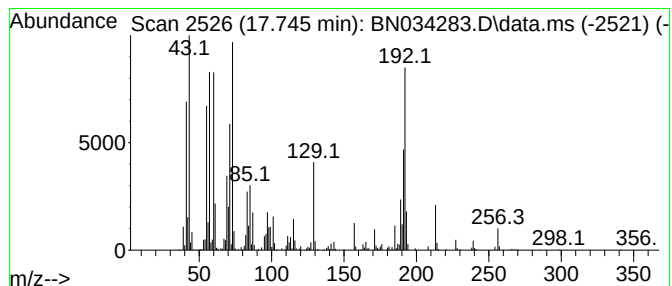
Instrument :
BNA_N
ClientSampleId :
DDC38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 67 n-Hexadecanoic acid Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.745	17.40 ng/ul	4552930	Phenanthrene-d10		16.827	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	87
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	55
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	50
5	Tridecanoic acid		214	C13H26O2	000638-53-9	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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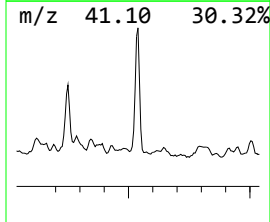
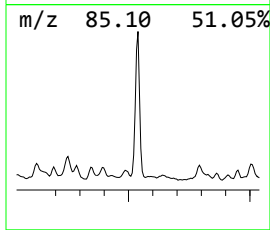
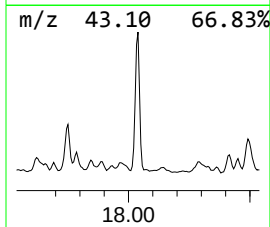
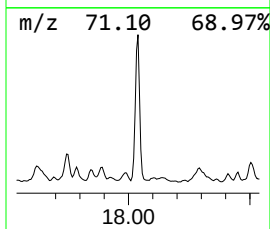
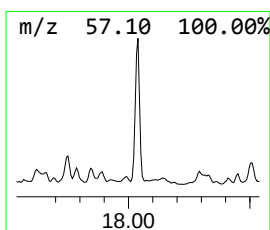
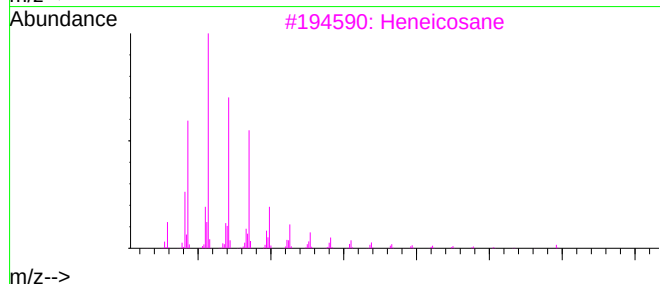
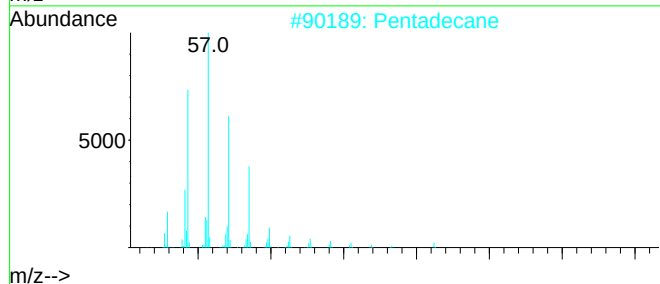
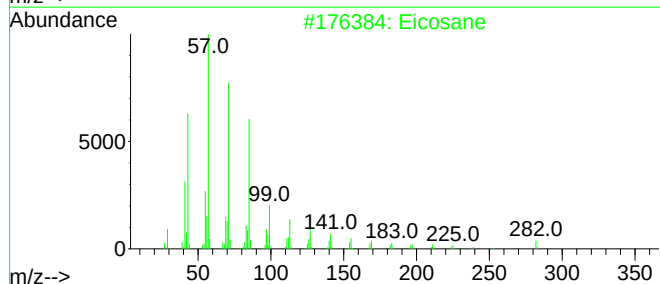
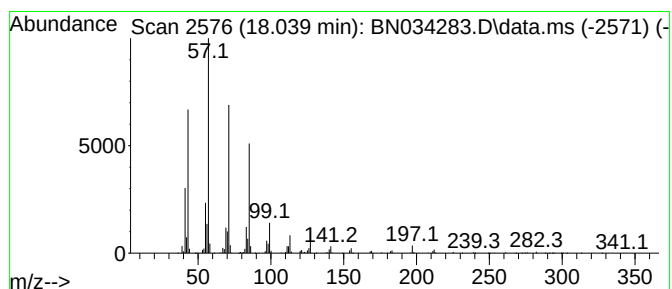
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Quant Title : SVOA CALIBRATION

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

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	26.67 ng/ul	6977180	Phenanthrene-d10	16.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Pentadecane	212	C15H32	000629-62-9	93
3			Heneicosane	296	C21H44	000629-94-7	91
4			Octadecane	254	C18H38	000593-45-3	91
5			Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION

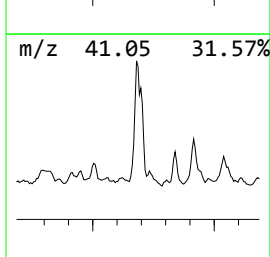
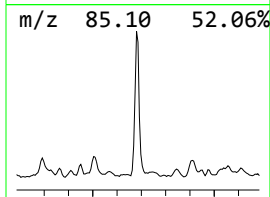
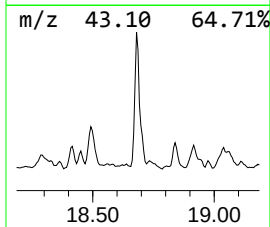
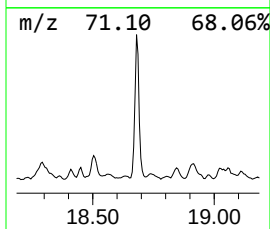
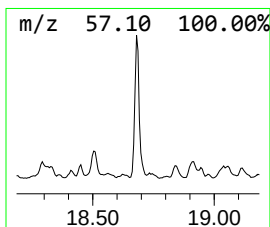
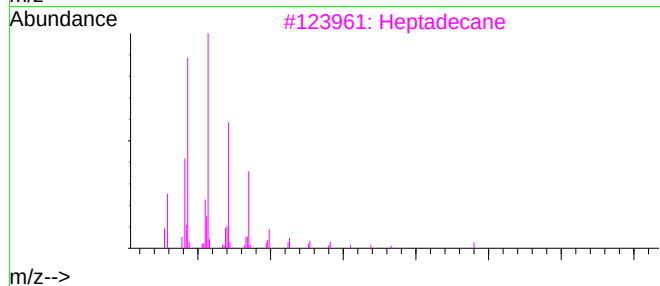
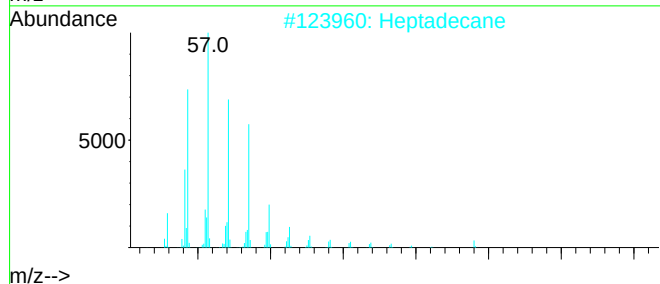
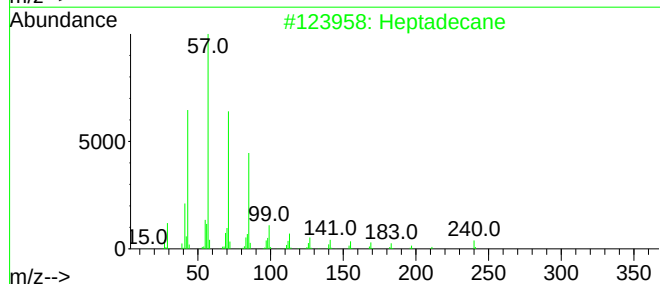
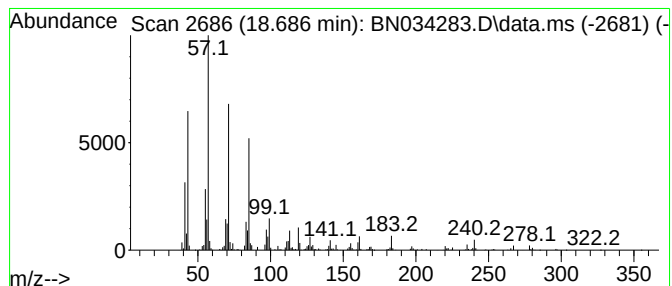
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.686	22.23 ng/ul	5816190	Phenanthrene-d10	16.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heptadecane	240	C17H36	000629-78-7	97
3	Heptadecane	240	C17H36	000629-78-7	94
4	Heneicosane	296	C21H44	000629-94-7	93
5	Heptadecane	240	C17H36	000629-78-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
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Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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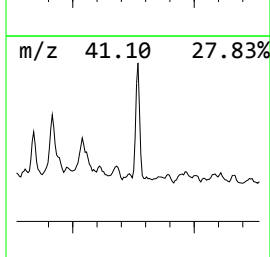
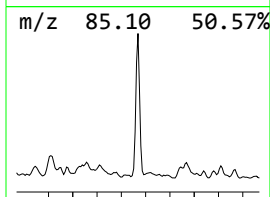
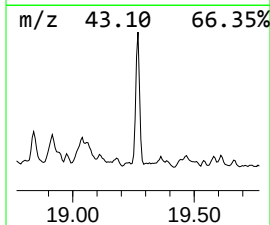
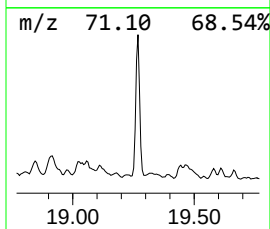
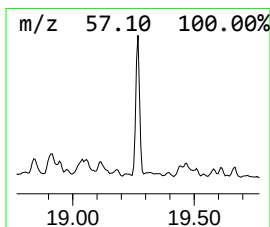
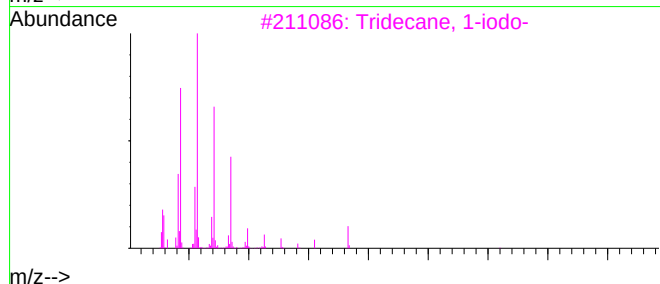
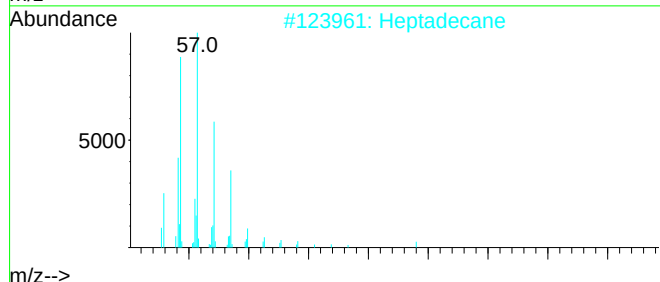
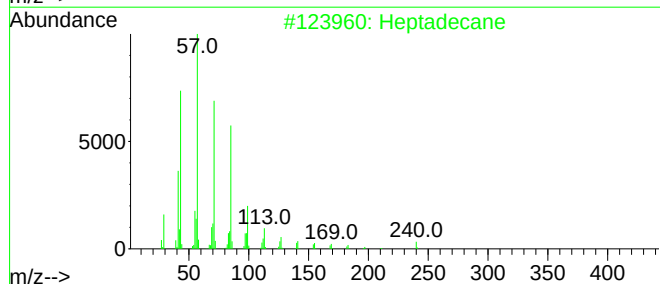
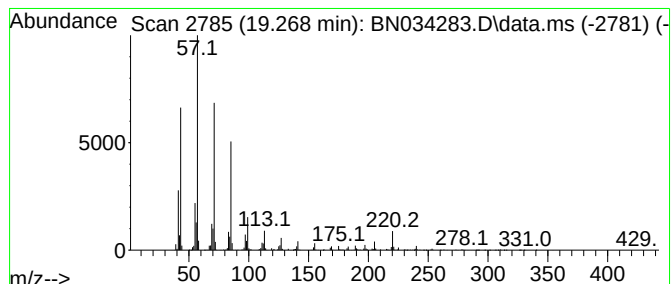
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Quant Title : SVOA CALIBRATION

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

Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.268	12.01 ng/ul	4411050	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heptadecane	240	C17H36	000629-78-7	94
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC38

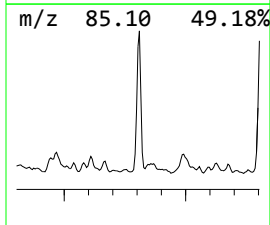
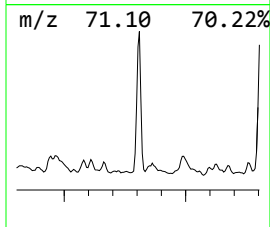
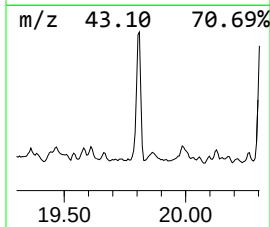
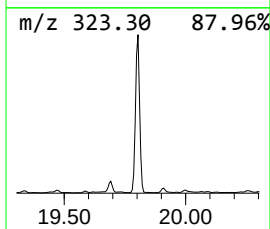
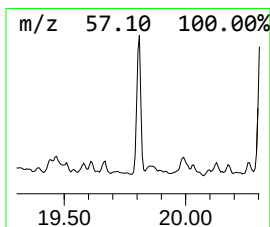
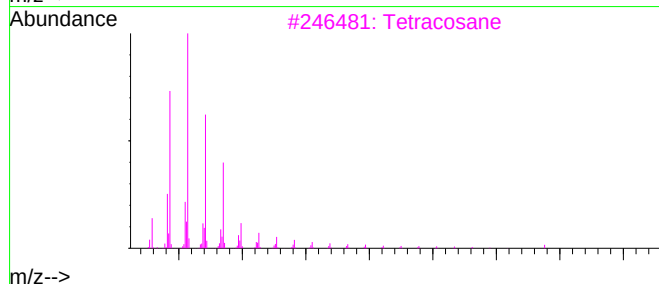
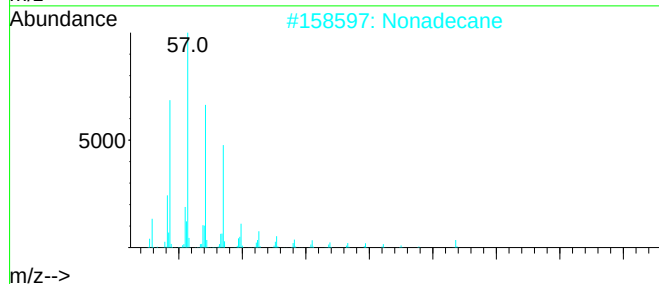
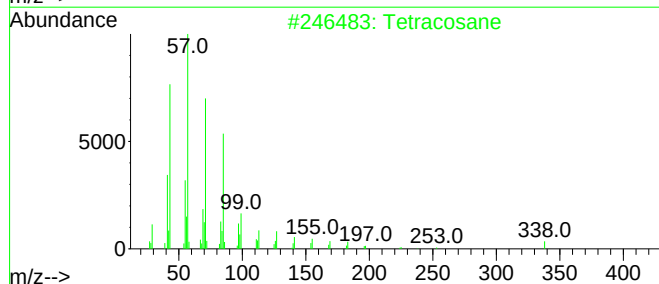
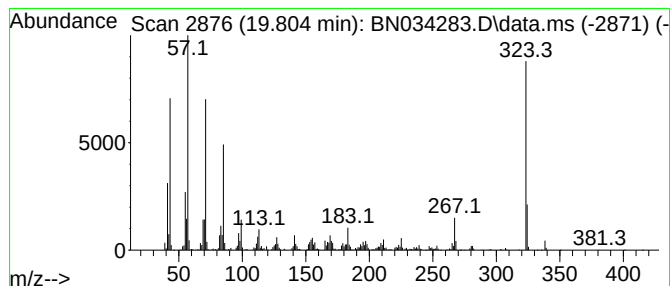
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.804	16.04 ng/ul	5888700	Chrysene-d12	21.027	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Nonadecane	268	C19H40	000629-92-5	94
3	Tetracosane	338	C24H50	000646-31-1	93
4	Nonadecane	268	C19H40	000629-92-5	86
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC38

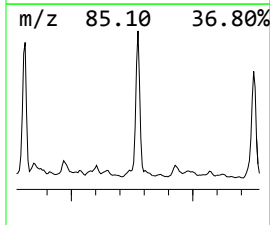
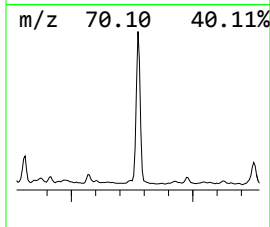
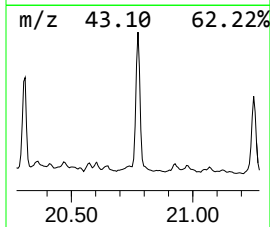
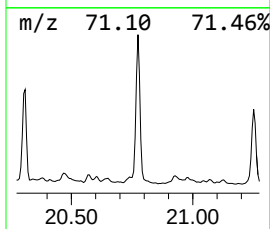
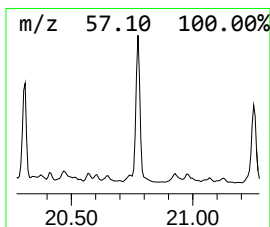
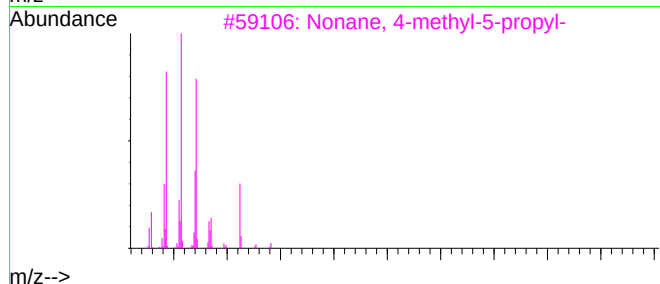
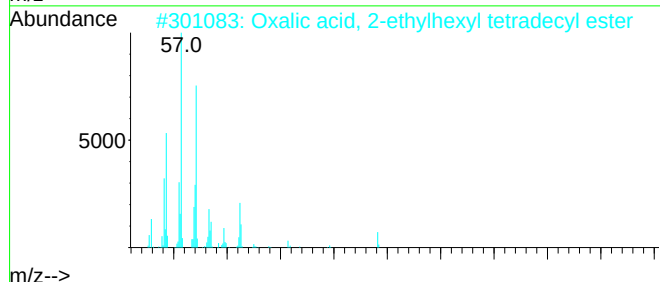
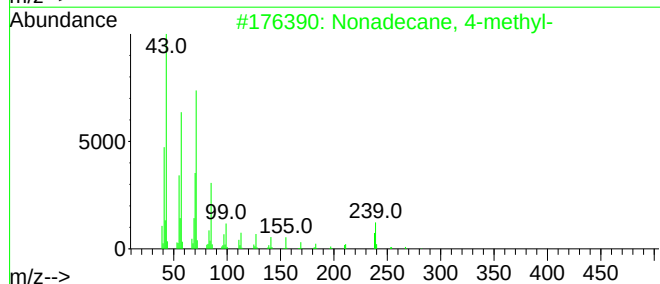
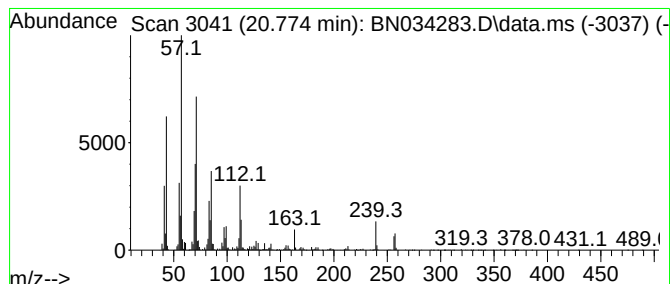
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.774	20.00 ng/ul	7342820	Chrysene-d12	21.027	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 4-methyl-	282	C20H42	025117-27-5	76
2	Oxalic acid, 2-ethylhexyl tetrad...	398	C24H46O4	1000309-39-7	72
3	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
4	Carbonic acid, 2-ethylhexyl unde...	328	C20H40O3	1000383-13-8	58
5	Oxalic acid, dodecyl 2-ethylhexy...	370	C22H42O4	1000309-39-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC38

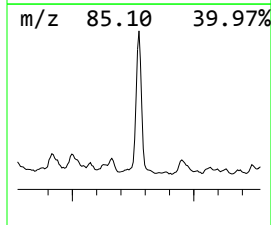
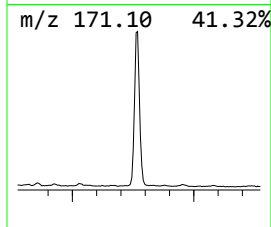
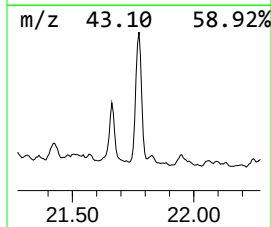
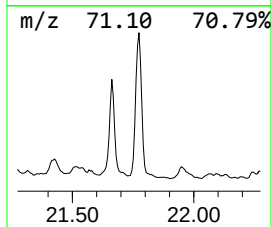
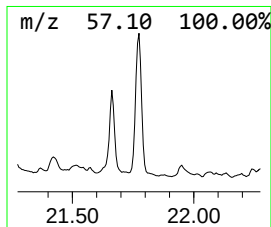
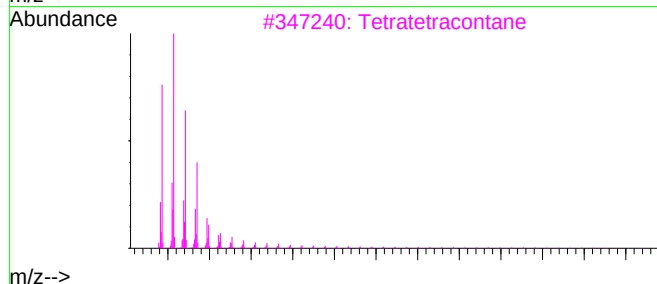
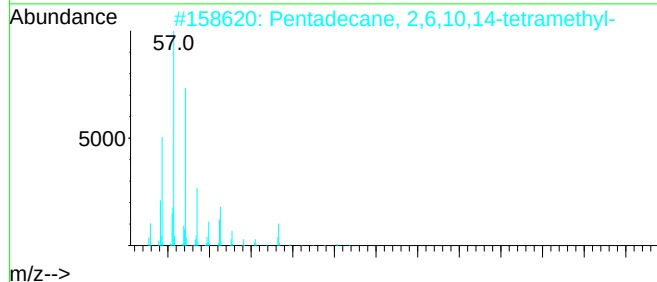
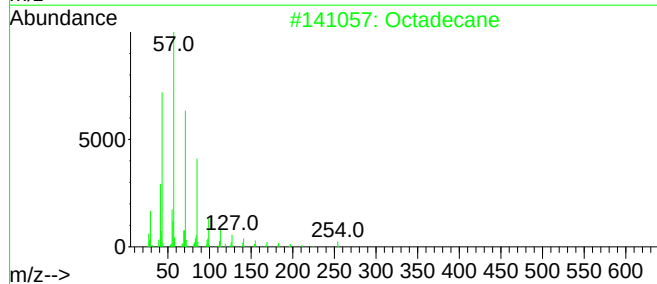
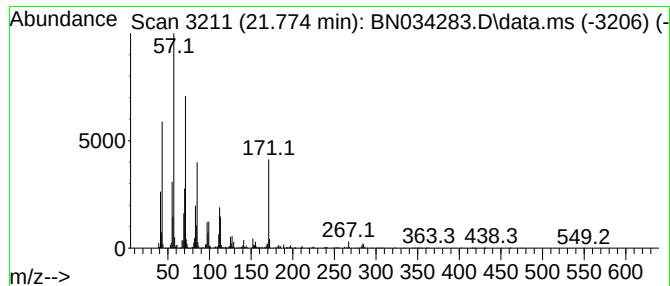
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Quant Title : SVOA CALIBRATION

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

Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.774	13.45 ng/ul	4938340	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
3	Tetratetracontane	619	C44H90	007098-22-8	62
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	60
5	Tetracosane	338	C24H50	000646-31-1	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034283.D
Acq On : 30 Sep 2024 18:47
Operator : RC/JU
Sample : P4019-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.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...	5.463	56.6	ng/ul	18772900	1	7.398	6636550	20.0
Benzene, (1-met...	5.916	16.9	ng/ul	5626000	1	7.398	6636550	20.0
(DEL) Alkane: S...	5.993	17.8	ng/ul	5898390	1	7.398	6636550	20.0
Cyclohexanone, ...	6.057	18.7	ng/ul	6200460	1	7.398	6636550	20.0
Oxalic acid, is...	6.322	13.2	ng/ul	4362030	1	7.398	6636550	20.0
Benzene, propyl-	6.393	19.3	ng/ul	6386120	1	7.398	6636550	20.0
(DEL) Alkane: S...	6.422	19.6	ng/ul	6499570	1	7.398	6636550	20.0
(DEL) Alkane: S...	6.481	28.6	ng/ul	9489680	1	7.398	6636550	20.0
Benzene, 1-ethy...	6.510	24.8	ng/ul	8217720	1	7.398	6636550	20.0
Benzene, 1-ethy...	6.798	28.8	ng/ul	9570880	1	7.398	6636550	20.0
2-Heptanone, 4,...	6.851	23.9	ng/ul	7928890	1	7.398	6636550	20.0
(DEL) Alkane: S...	7.057	117.2	ng/ul	38897600	1	7.398	6636550	20.0
(DEL) Alkane: C...	7.228	13.1	ng/ul	4352180	1	7.398	6636550	20.0
1-Hexanol, 2-et...	7.522	103.8	ng/ul	34450400	1	7.398	6636550	20.0
D-Limonene	7.646	213.1	ng/ul	70710100	1	7.398	6636550	20.0
(DEL) Alkane: C...	7.710	14.8	ng/ul	4900920	1	7.398	6636550	20.0
Benzene, 1,3-di...	7.893	16.4	ng/ul	5438640	1	7.398	6636550	20.0
Benzene, 1-meth...	7.946	40.2	ng/ul	13327300	1	7.398	6636550	20.0
(DEL) Alkane: S...	7.998	18.6	ng/ul	6166260	1	7.398	6636550	20.0
Benzene, 4-ethy...	8.040	26.9	ng/ul	8940900	1	7.398	6636550	20.0
(DEL) Alkane: S...	8.069	33.2	ng/ul	11005900	1	7.398	6636550	20.0
(DEL) Alkane: S...	8.175	30.5	ng/ul	10135300	1	7.398	6636550	20.0
Benzene, 2-ethy...	8.345	19.4	ng/ul	6430560	1	7.398	6636550	20.0
o-Cymene	8.398	22.1	ng/ul	7333040	1	7.398	6636550	20.0
(DEL) Alkane: S...	8.645	91.3	ng/ul	30281200	1	7.398	6636550	20.0
unknown-01	8.740	30.7	ng/ul	10198000	1	7.398	6636550	20.0
(DEL) Alkane: S...	9.469	4.0	ng/ul	7570540	2	10.151	38164400	20.0
(DEL) Alkane: S...	9.534	2.3	ng/ul	4463020	2	10.151	38164400	20.0
(DEL) Alkane: S...	9.716	2.5	ng/ul	4779130	2	10.151	38164400	20.0
(DEL) Alkane: S...	10.692	5.7	ng/ul	10863600	2	10.151	38164400	20.0
(DEL) Alkane: S...	11.622	8.5	ng/ul	16277700	2	10.151	38164400	20.0
unknown-02	12.281	40.8	ng/ul	11653600	3	14.045	5715740	20.0
(DEL) Alkane: S...	12.598	21.9	ng/ul	6246380	3	14.045	5715740	20.0
Butanoic acid, ...	12.804	21.2	ng/ul	6051770	3	14.045	5715740	20.0
Propanoic acid,...	13.022	15.1	ng/ul	4308410	3	14.045	5715740	20.0
Naphthalene, 1,...	13.204	33.2	ng/ul	9481370	3	14.045	5715740	20.0
unknown-03	13.334	28.9	ng/ul	8253120	3	14.045	5715740	20.0
Naphthalene, 2,...	13.369	17.9	ng/ul	5100270	3	14.045	5715740	20.0
Naphthalene, 1,...	13.416	29.1	ng/ul	8304350	3	14.045	5715740	20.0
(DEL) Alkane: S...	13.563	32.7	ng/ul	9352760	3	14.045	5715740	20.0
1H-Indole, 4-(3...	14.216	60.3	ng/ul	17238200	3	14.045	5715740	20.0
unknown-04	14.439	20.3	ng/ul	5799400	3	14.045	5715740	20.0
Naphthalene, 2,...	14.539	17.9	ng/ul	5100620	3	14.045	5715740	20.0
(DEL) Alkane: S...	14.610	15.7	ng/ul	4473540	3	14.045	5715740	20.0
4b,5,6,7,8,8a,9...	14.651	17.3	ng/ul	4938950	3	14.045	5715740	20.0
Naphthalene, 1,...	14.833	61.8	ng/ul	17664400	3	14.045	5715740	20.0
(DEL) Alkane: S...	14.951	60.2	ng/ul	17193800	3	14.045	5715740	20.0
(DEL) Alkane: S...	15.357	28.1	ng/ul	8039380	3	14.045	5715740	20.0
(DEL) Alkane: S...	15.816	55.1	ng/ul	14409900	4	16.827	5232530	20.0
(DEL) Alkane: S...	16.610	33.2	ng/ul	8695180	4	16.827	5232530	20.0
(DEL) Alkane: S...	16.657	39.8	ng/ul	10402100	4	16.827	5232530	20.0
unknown-05	16.980	27.7	ng/ul	7249570	4	16.827	5232530	20.0

(DEL) Alkane: S...	17.345	37.6	ng/ul	9850120	4	16.827	5232530	20.0
Hexadecanoic ac...	17.522	26.9	ng/ul	7023930	4	16.827	5232530	20.0
n-Hexadecanoic ...	17.745	17.4	ng/ul	4552930	4	16.827	5232530	20.0
(DEL) Alkane: S...	18.039	26.7	ng/ul	6977180	4	16.827	5232530	20.0
(DEL) Alkane: S...	18.686	22.2	ng/ul	5816190	4	16.827	5232530	20.0
(DEL) Alkane: S...	19.268	12.0	ng/ul	4411050	5	21.027	7342820	20.0
(DEL) Alkane: S...	19.804	16.0	ng/ul	5888700	5	21.027	7342820	20.0
(DEL) Alkane: S...	20.774	20.0	ng/ul	7342820	5	21.027	7342820	20.0
(DEL) Alkane: S...	21.774	13.4	ng/ul	4938340	5	21.027	7342820	20.0

Instrument :

BNA_N

ClientSampleId :

DDC38