

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043721.D
 Acq On : 03 Jan 2024 07:54
 Operator : MA/JU
 Sample : 05952-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF94

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM043721.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.363	28	30	37	rVB	34444	49034	0.69%	0.073%
2	3.799	100	104	118	rBV	343979	565760	7.96%	0.839%
3	5.310	358	361	369	rBV	13283	27185	0.38%	0.040%
4	6.457	550	556	562	rBV	40096	65279	0.92%	0.097%
5	6.616	579	583	588	rVB3	21027	34159	0.48%	0.051%
6	7.134	664	671	684	rBV	597366	1003602	14.13%	1.489%
7	7.246	684	690	694	rVV	54053	89003	1.25%	0.132%
8	7.298	694	699	710	rVB	460271	727715	10.24%	1.080%
9	7.487	724	731	741	rBV	595064	965916	13.60%	1.433%
10	7.957	804	811	818	rBV	677494	1063731	14.98%	1.578%
11	8.169	841	847	851	rBV9	18755	33925	0.48%	0.050%
12	8.622	918	924	928	rBV5	17483	32694	0.46%	0.049%
13	8.681	928	934	943	rVV	686316	1136404	16.00%	1.686%
14	8.845	958	962	967	rVB7	13781	21301	0.30%	0.032%
15	9.075	997	1001	1003	rBV5	5366	7531	0.11%	0.011%
16	9.134	1003	1011	1022	rVV	554192	951626	13.40%	1.412%
17	9.287	1031	1037	1041	rVB8	5658	10517	0.15%	0.016%
18	9.728	1104	1112	1120	rBV5	22806	45487	0.64%	0.067%
19	9.851	1126	1133	1148	rBV	482133	807594	11.37%	1.198%
20	10.075	1167	1171	1179	rVB10	8405	21186	0.30%	0.031%
21	10.287	1205	1207	1214	rVB8	5863	9875	0.14%	0.015%
22	10.392	1218	1225	1239	rBV	705050	1237996	17.43%	1.837%
23	10.769	1280	1289	1296	rBV	904596	1560126	21.96%	2.315%
24	10.916	1306	1314	1334	rBV	613616	1162802	16.37%	1.725%
25	11.057	1334	1338	1346	rVB7	16040	31253	0.44%	0.046%
26	11.139	1346	1352	1356	rBV8	6657	11701	0.16%	0.017%
27	11.304	1373	1380	1382	rBV8	5025	7992	0.11%	0.012%
28	11.575	1420	1426	1430	rBV9	4759	8261	0.12%	0.012%
29	12.345	1554	1557	1563	rVB4	14861	28138	0.40%	0.042%
30	12.775	1625	1630	1631	rBV5	5004	8727	0.12%	0.013%
31	12.880	1644	1648	1649	rBV4	5351	7486	0.11%	0.011%
32	13.098	1679	1685	1693	rBV5	29286	57664	0.81%	0.086%
33	13.275	1711	1715	1719	rVB7	9740	12761	0.18%	0.019%
34	13.328	1719	1724	1726	rBV6	10296	17729	0.25%	0.026%
35	13.375	1726	1732	1741	rVV	57495	114631	1.61%	0.170%
36	13.492	1744	1752	1757	rVV2	78980	157365	2.22%	0.233%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
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37	13.539	1757	1760	1764	rVV6	12625	18379	0.26%	0.027%
38	13.598	1764	1770	1775	rVB	105691	161658	2.28%	0.240%
39	13.686	1779	1785	1787	rBV7	10097	16404	0.23%	0.024%
40	13.733	1787	1793	1796	rVV3	109533	185596	2.61%	0.275%
41	13.769	1796	1799	1807	rVB3	74706	126751	1.78%	0.188%
42	13.857	1807	1814	1818	rBV	1051349	1560373	21.97%	2.315%
43	13.904	1818	1822	1829	rVB2	221554	365539	5.15%	0.542%
44	14.016	1832	1841	1851	rBV	1208196	1753762	24.69%	2.602%
45	14.110	1851	1857	1863	rVB	217574	322056	4.53%	0.478%
46	14.292	1877	1888	1896	rBV	1458244	2255293	31.75%	3.346%
47	14.374	1898	1902	1903	rVV4	28284	41156	0.58%	0.061%
48	14.410	1903	1908	1915	rVV	201170	346733	4.88%	0.514%
49	14.480	1915	1920	1926	rVB	352477	500046	7.04%	0.742%
50	14.598	1928	1940	1946	rBV	1372079	2254614	31.74%	3.345%
51	14.651	1946	1949	1955	rVV	208628	308835	4.35%	0.458%
52	14.704	1955	1958	1960	rVV4	21778	30817	0.43%	0.046%
53	14.739	1960	1964	1968	rVV2	155293	207557	2.92%	0.308%
54	14.822	1968	1978	1996	rVV3	1501118	3677736	51.77%	5.457%
55	14.957	1996	2001	2006	rVV	112902	176105	2.48%	0.261%
56	15.016	2007	2011	2013	rVV3	42612	68036	0.96%	0.101%
57	15.045	2013	2016	2018	rVV2	58257	85656	1.21%	0.127%
58	15.074	2018	2021	2025	rVV	88647	125214	1.76%	0.186%
59	15.145	2028	2033	2038	rVB2	120736	182572	2.57%	0.271%
60	15.269	2050	2054	2059	rVB7	21362	42024	0.59%	0.062%
61	15.321	2059	2063	2066	rBV5	9986	12826	0.18%	0.019%
62	15.586	2102	2108	2120	rBV	1845956	2743647	38.62%	4.071%
63	15.716	2124	2130	2136	rBV	417440	605105	8.52%	0.898%
64	15.827	2144	2149	2152	rVV2	58325	78642	1.11%	0.117%
65	15.874	2152	2157	2164	rVB	531055	733200	10.32%	1.088%
66	15.969	2171	2173	2174	rBV2	13056	9930	0.14%	0.015%
67	16.045	2183	2186	2188	rBV3	19969	24772	0.35%	0.037%
68	16.080	2188	2192	2199	rVB	136907	187249	2.64%	0.278%
69	16.216	2211	2215	2219	rBV	70980	116082	1.63%	0.172%
70	16.316	2226	2232	2239	rBV9	27452	79741	1.12%	0.118%
71	16.374	2239	2242	2245	rVB5	16676	21498	0.30%	0.032%
72	16.427	2247	2251	2256	rBV8	19361	32504	0.46%	0.048%
73	16.527	2266	2268	2270	rVB3	10260	7730	0.11%	0.011%
74	16.745	2301	2305	2310	rBV2	45763	66953	0.94%	0.099%
75	16.821	2314	2318	2320	rVV3	66862	99263	1.40%	0.147%
76	16.845	2320	2322	2328	rVB	71845	88385	1.24%	0.131%

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77	16.992	2344	2347	2355	rVB4	33907	50825	0.72%	0.075%
78	17.086	2358	2363	2368	rBV	197987	286698	4.04%	0.425%
79	17.345	2401	2407	2417	rBV	1800687	2560494	36.05%	3.799%
80	17.445	2418	2424	2432	rVV	1992494	2914798	41.03%	4.325%
81	17.545	2437	2441	2453	rVB8	86260	228057	3.21%	0.338%
82	18.192	2547	2551	2555	rBV4	50528	107991	1.52%	0.160%
83	18.245	2555	2560	2571	rVV	593516	882634	12.43%	1.310%
84	18.357	2576	2579	2595	rVB	174843	354756	4.99%	0.526%
85	19.204	2718	2723	2729	rVB	310001	432815	6.09%	0.642%
86	19.521	2773	2777	2784	rBV	191996	329536	4.64%	0.489%
87	19.598	2786	2790	2796	rVB	300120	395610	5.57%	0.587%
88	19.733	2808	2813	2819	rVB	2565559	3285458	46.25%	4.875%
89	19.904	2839	2842	2848	rBV4	84638	129784	1.83%	0.193%
90	20.251	2898	2901	2912	rVB6	117223	262867	3.70%	0.390%
91	20.439	2930	2933	2941	rVB	605585	827021	11.64%	1.227%
92	20.615	2954	2963	2967	rBV	5631578	7103363	100.00%	10.540%
93	20.656	2967	2970	2977	rVB3	896508	1404545	19.77%	2.084%
94	21.239	3065	3069	3073	rBV	871633	1001540	14.10%	1.486%
95	21.527	3113	3118	3130	rBV	2072648	2806175	39.50%	4.164%
96	22.162	3222	3226	3239	rVB2	691247	1415288	19.92%	2.100%
97	23.786	3496	3502	3510	rVB2	1727249	3420569	48.15%	5.075%
98	23.944	3523	3529	3538	rVB	1414658	2920001	41.11%	4.333%
99	24.697	3651	3657	3670	rVB	1100666	2458988	34.62%	3.649%

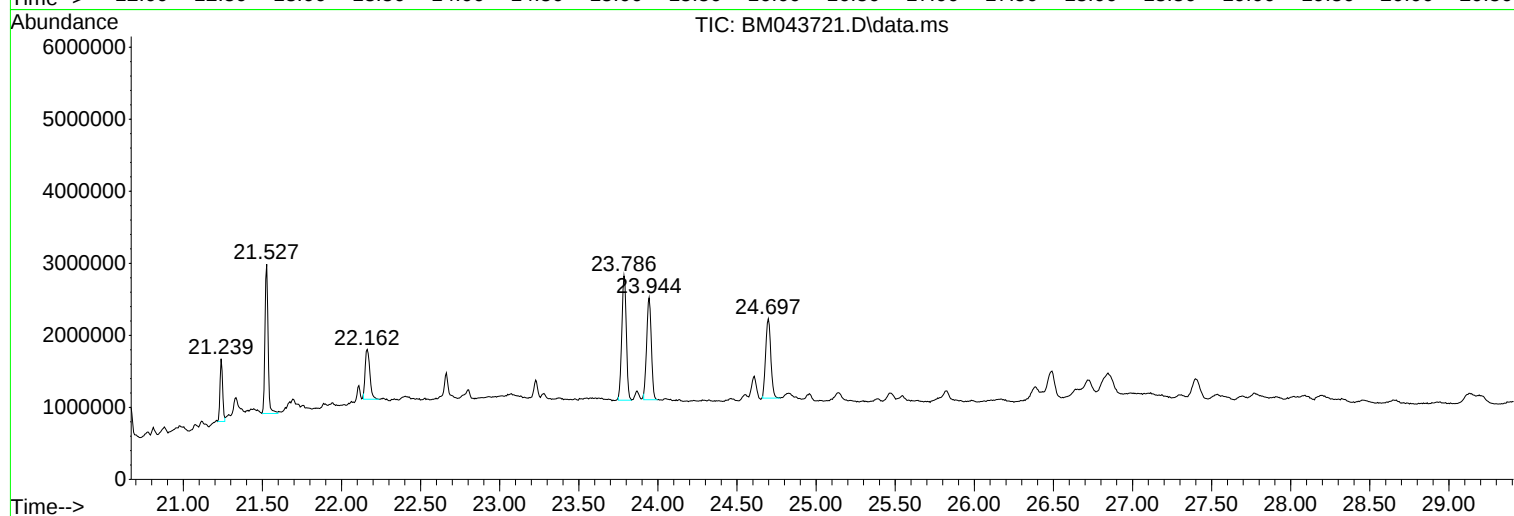
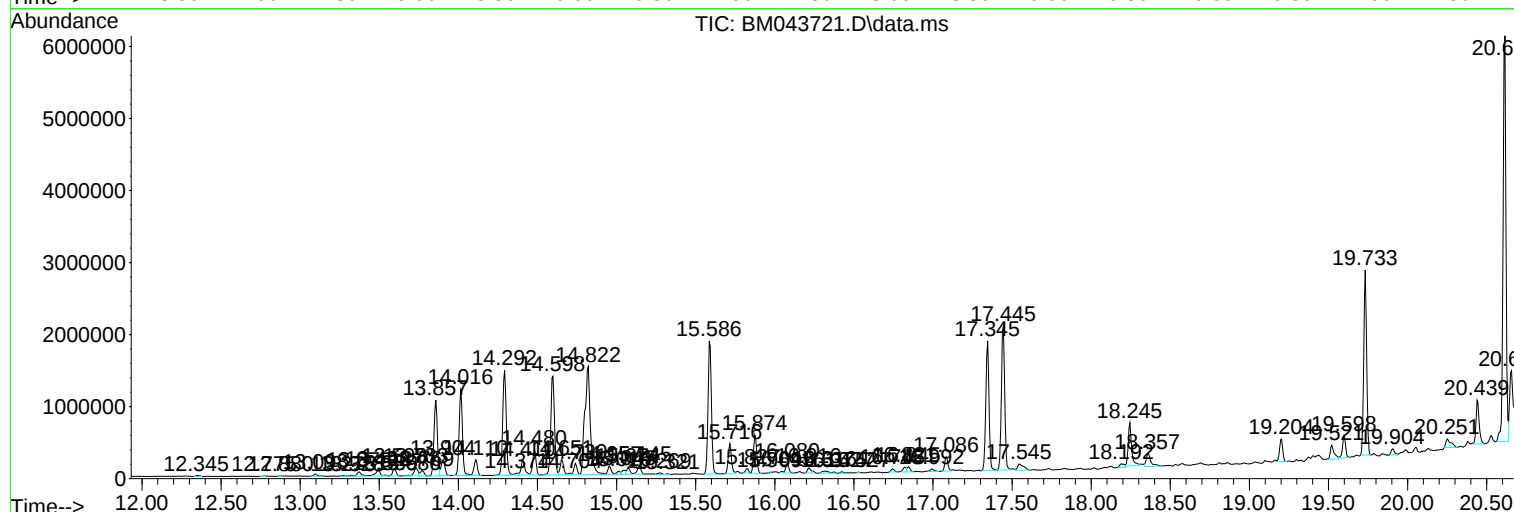
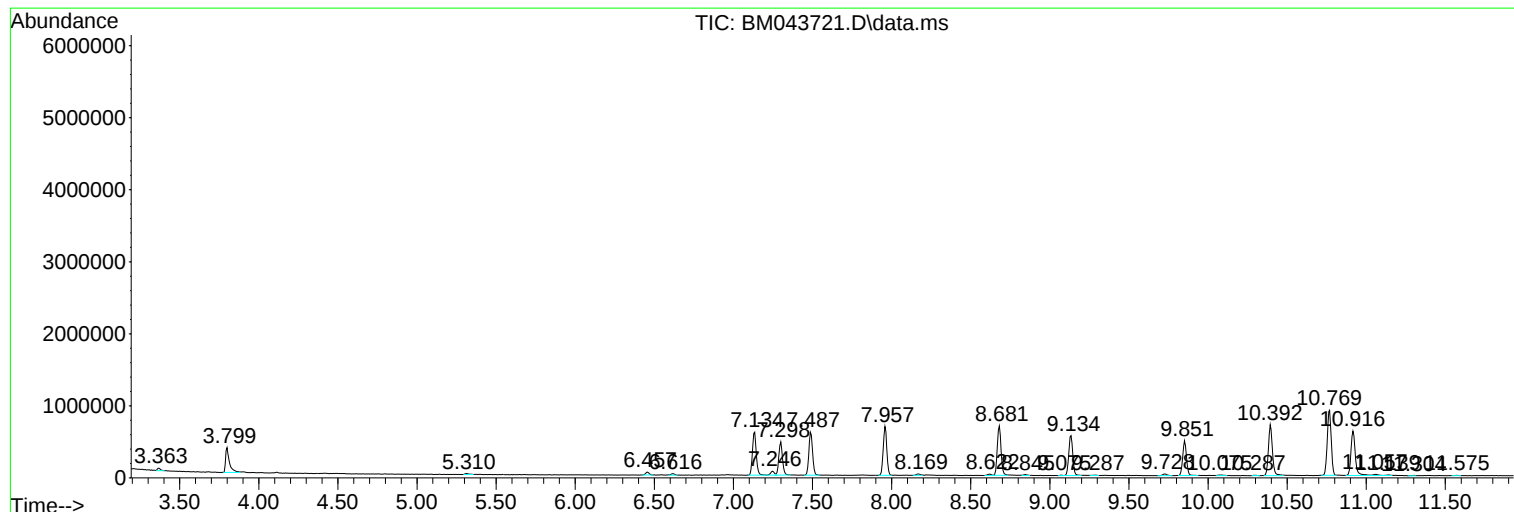
Sum of corrected areas: 67394408

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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



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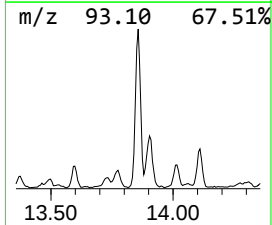
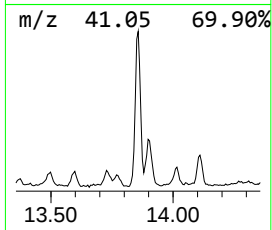
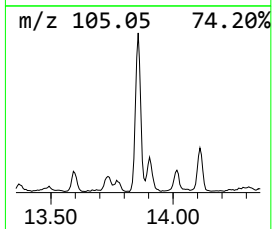
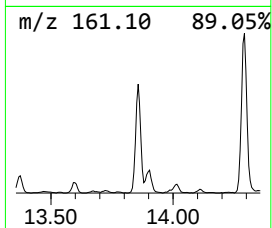
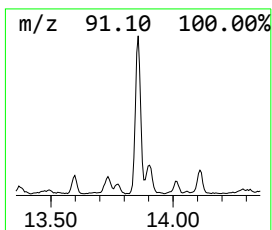
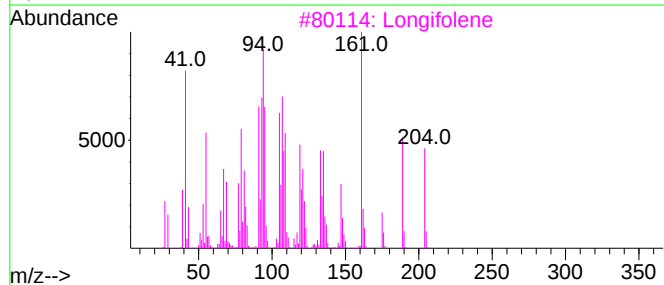
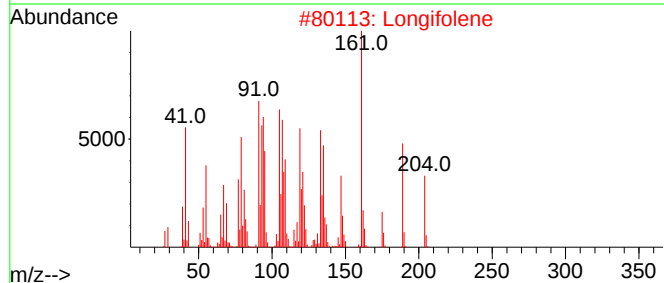
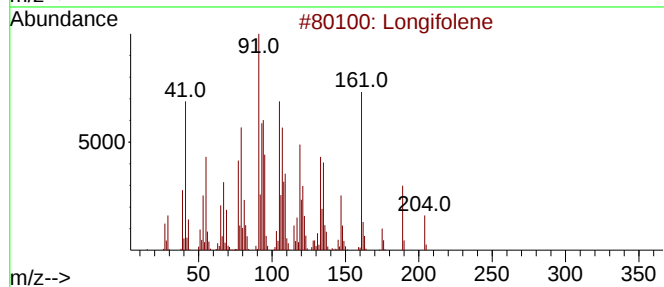
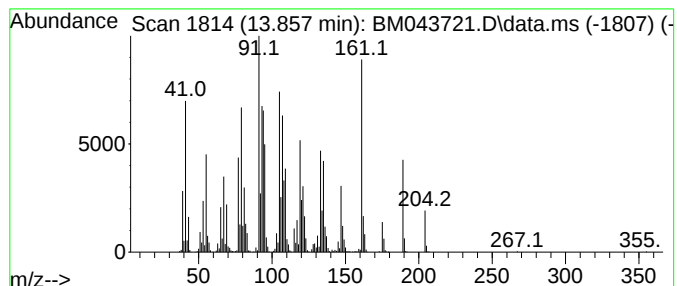
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Longifolene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	13.84 ng/ul	1560370	Acenaphthene-d10	14.592

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Longifolene	204	C15H24	000475-20-7	99
2			Longifolene	204	C15H24	000475-20-7	99
3			Longifolene	204	C15H24	000475-20-7	99
4			Longifolene	204	C15H24	000475-20-7	98
5			Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	95



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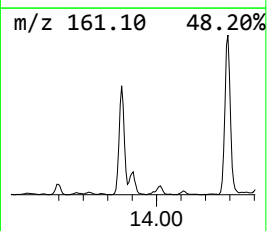
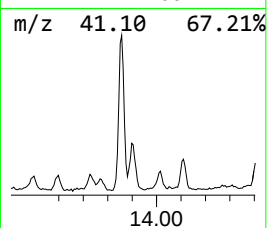
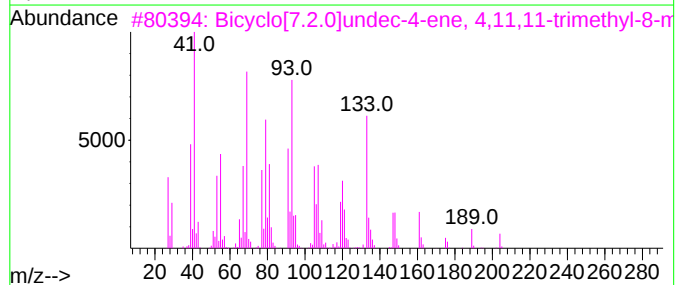
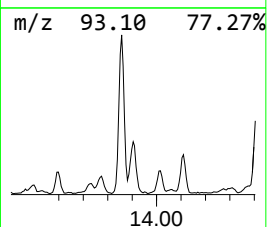
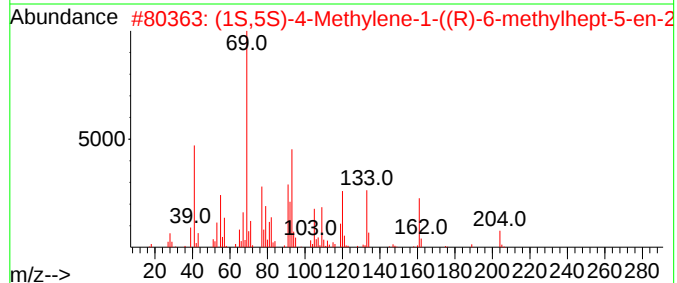
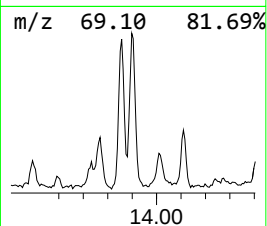
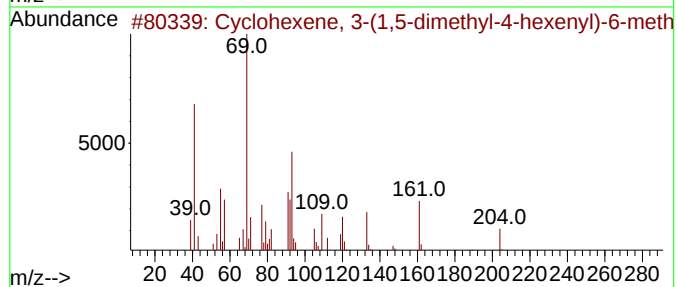
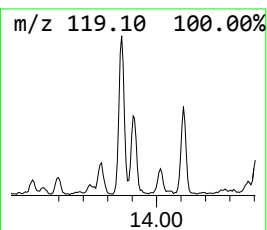
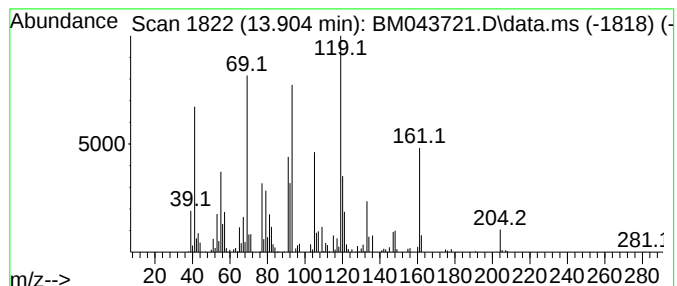
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Cyclohexene, 3-(1,5-dimethyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.24 ng/ul	365539	Acenaphthene-d10	14.592

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 3-(1,5-dimethyl-4-h...	204	C15H24	020307-83-9	52
2			(1S,5S)-4-Methylene-1-((R)-6-met...	204	C15H24	058319-04-3	52
3			Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	49
4			(1R,4S,5S)-1,8-Dimethyl-4-(prop-...	204	C15H24	043219-80-3	49
5			(R)-1-Methyl-4-(6-methylhept-5-e...	204	C15H24	028976-67-2	49



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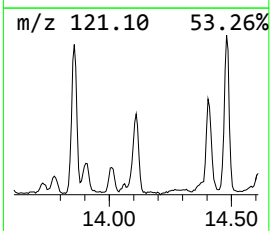
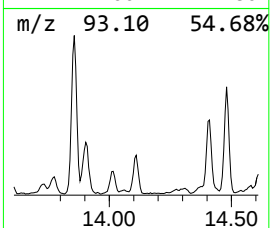
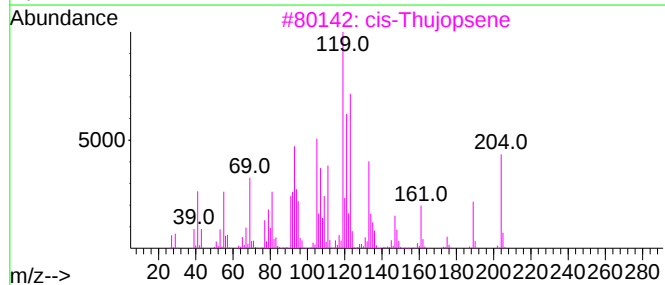
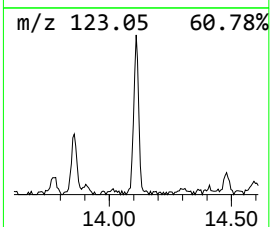
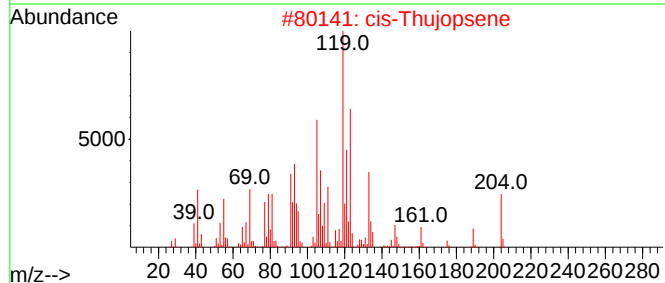
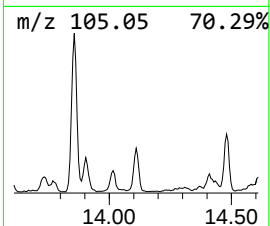
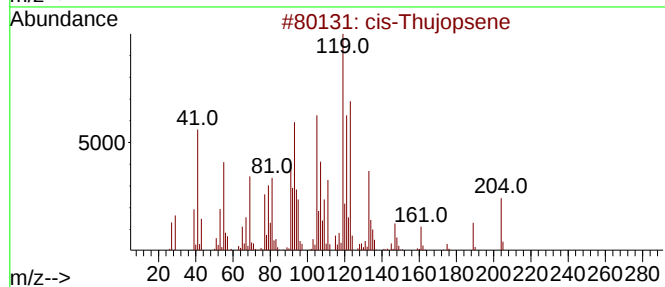
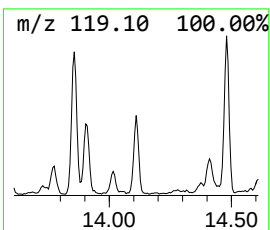
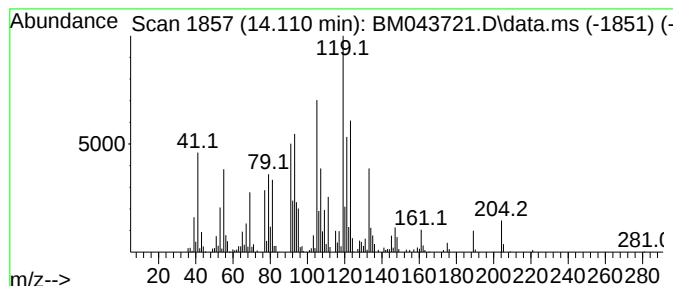
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 cis-Thujopsene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.110	2.86 ng/ul	322056	Acenaphthene-d10	14.592

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Thujopsene	204	C15H24	000470-40-6	99
2			cis-Thujopsene	204	C15H24	000470-40-6	99
3			cis-Thujopsene	204	C15H24	000470-40-6	95
4			cis-Thujopsene	204	C15H24	000470-40-6	90
5			Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043721.D
Acq On : 03 Jan 2024 07:54
Operator : MA/JU
Sample : 05952-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

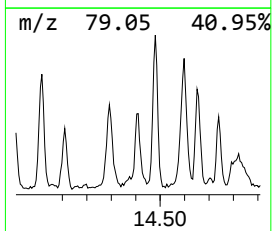
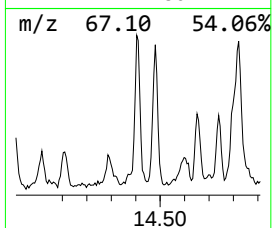
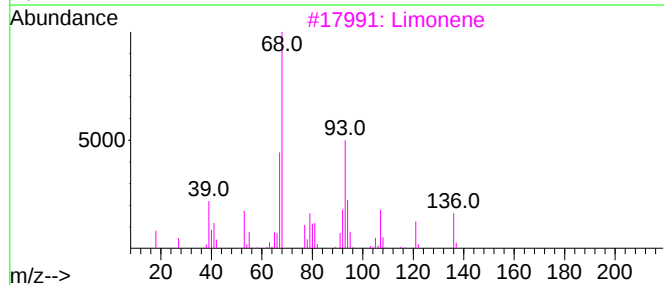
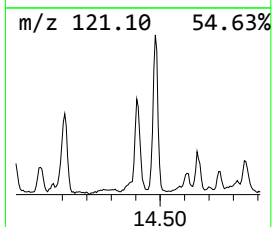
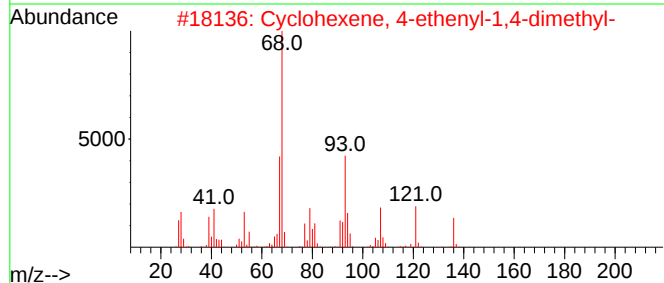
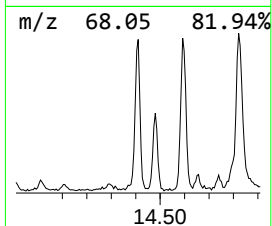
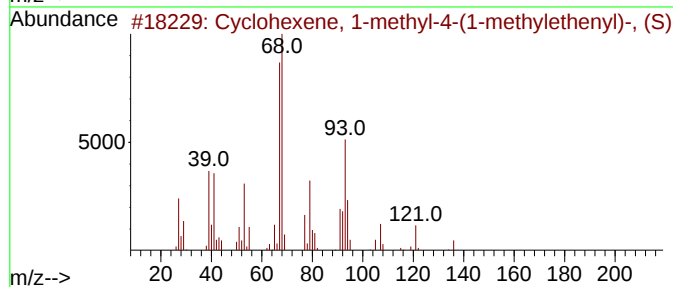
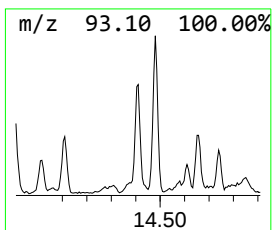
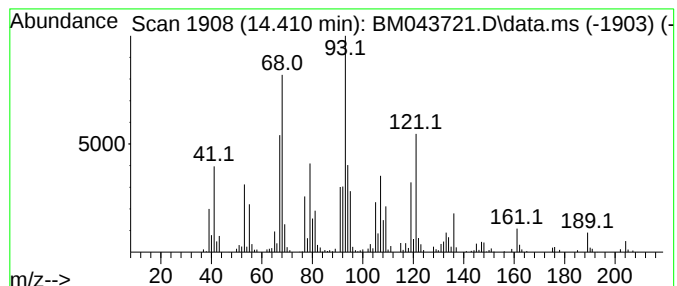
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.410	3.08 ng/ul	346733	Acenaphthene-d10	14.592	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	87
2	Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	76
3	Limonene	136	C10H16	000138-86-3	70
4	cis-.alpha.-Bisabolene	204	C15H24	029837-07-8	60
5	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
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Sample : 05952-11
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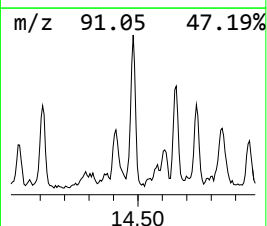
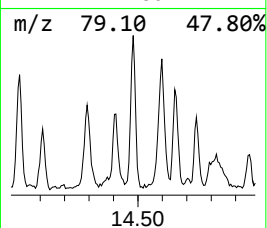
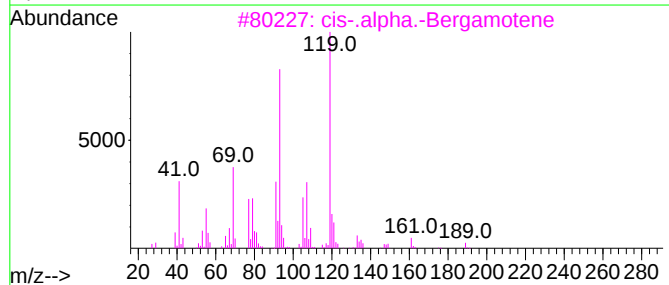
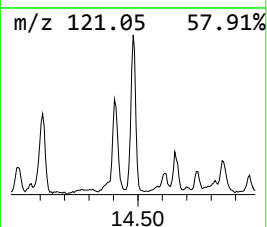
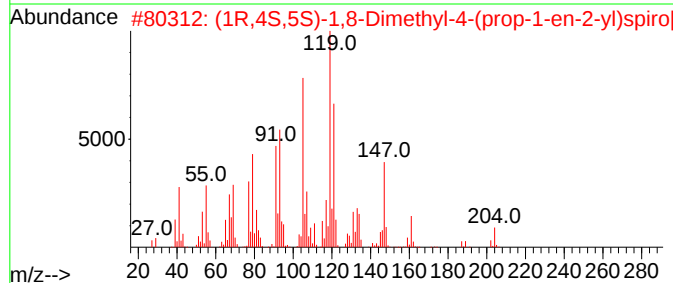
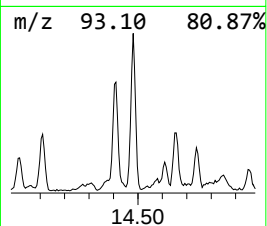
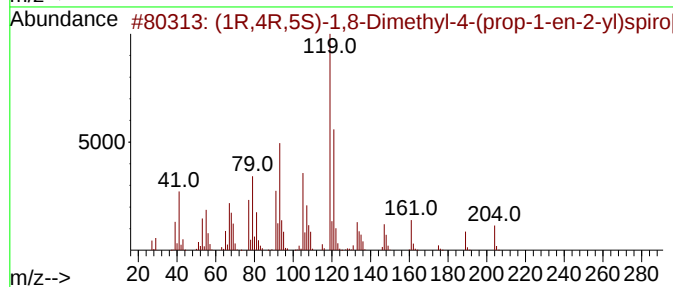
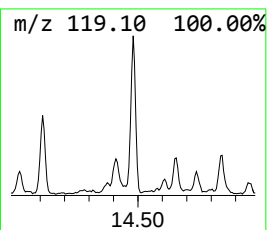
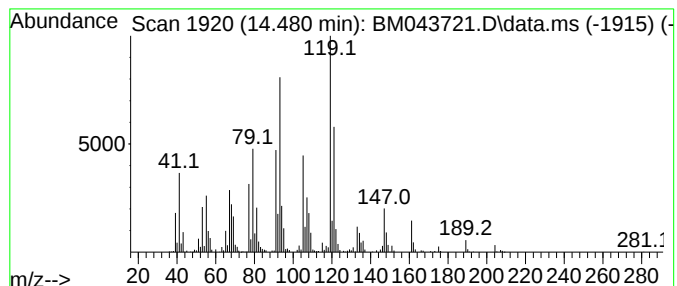
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (1R,4R,5S)-1,8-Dimethyl-4-(... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.480	4.44 ng/ul	500046	Acenaphthene-d10	14.592	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,4R,5S)-1,8-Dimethyl-4-(prop-...	204	C15H24	729602-94-2	96
2	(1R,4S,5S)-1,8-Dimethyl-4-(prop-...	204	C15H24	043219-80-3	89
3	cis-.alpha.-Bergamotene	204	C15H24	018252-46-5	64
4	trans-.alpha.-Bergamotene	204	C15H24	013474-59-4	64
5	Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043721.D
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Operator : MA/JU
Sample : 05952-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

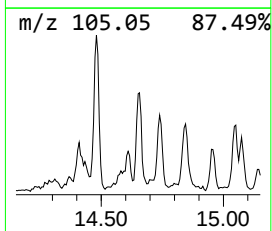
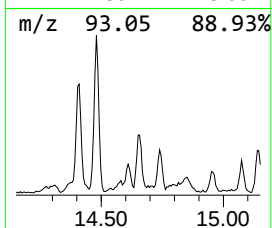
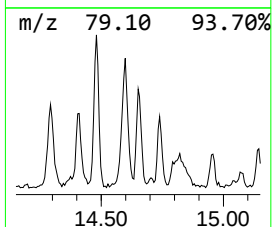
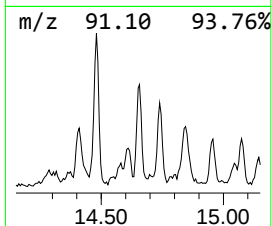
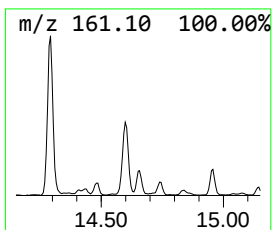
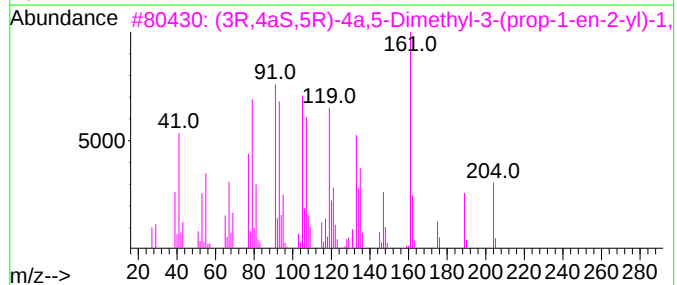
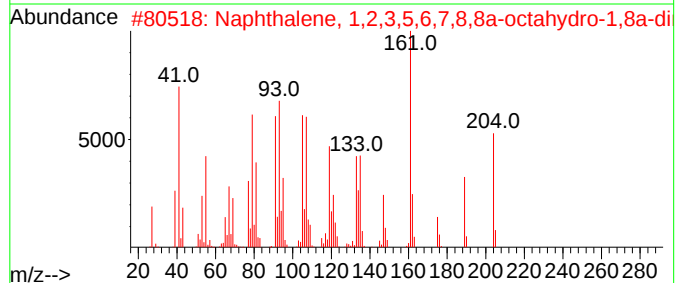
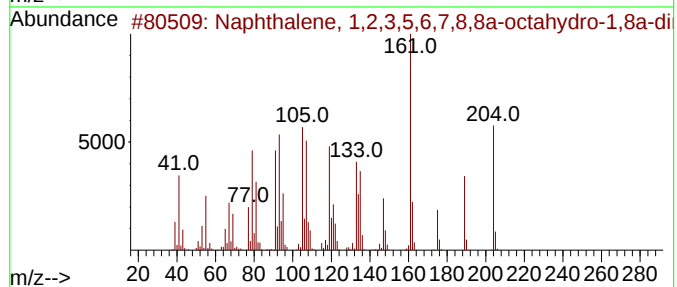
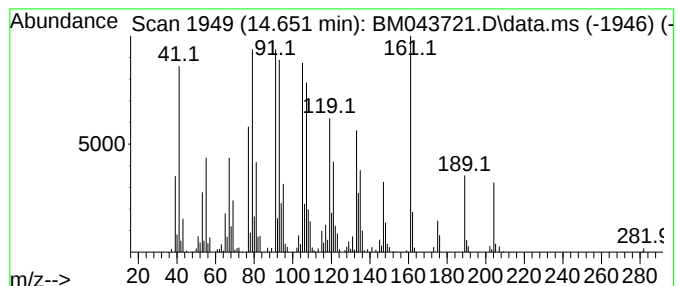
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.651	2.74 ng/ul	308835	Acenaphthene-d10	14.592	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	99
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	98
3	(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	98
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	98
5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043721.D
Acq On : 03 Jan 2024 07:54
Operator : MA/JU
Sample : 05952-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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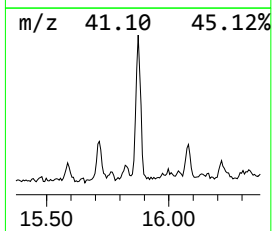
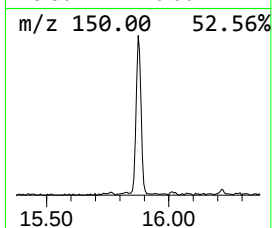
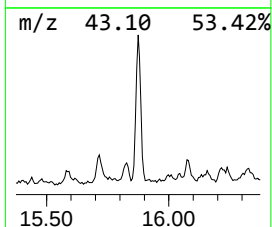
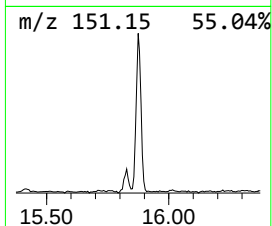
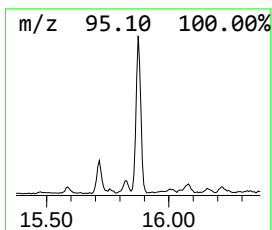
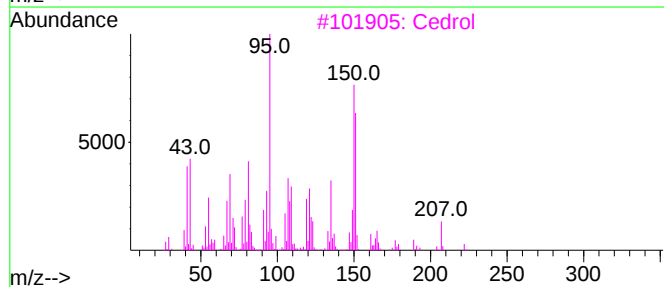
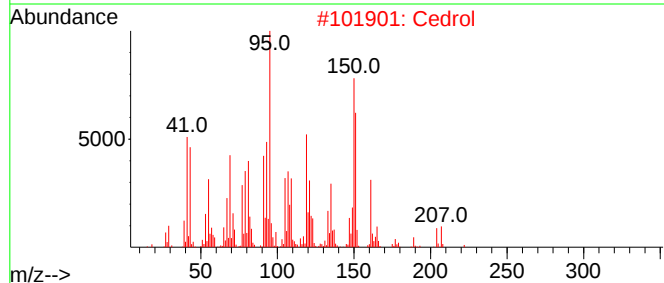
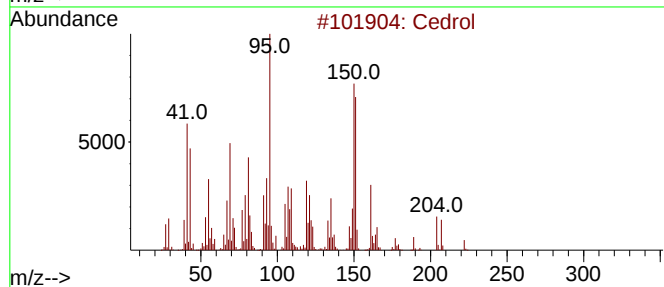
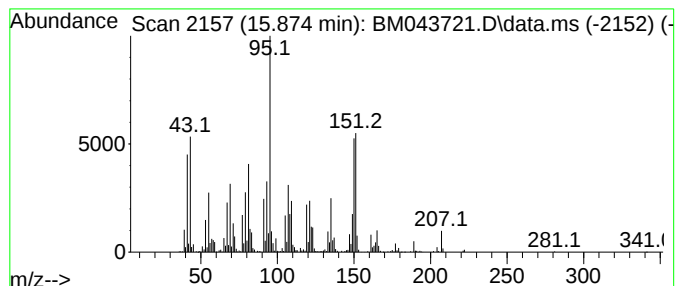
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Cedrol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.874	6.50 ng/ul	733200	Acenaphthene-d10	14.592

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cedrol	222	C15H26O	000077-53-2	94
2			Cedrol	222	C15H26O	000077-53-2	93
3			Cedrol	222	C15H26O	000077-53-2	91
4			Cedrol	222	C15H26O	000077-53-2	91
5			(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043721.D
Acq On : 03 Jan 2024 07:54
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Sample : 05952-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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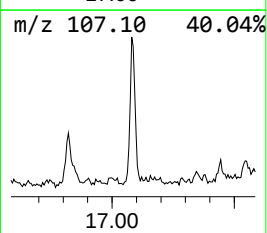
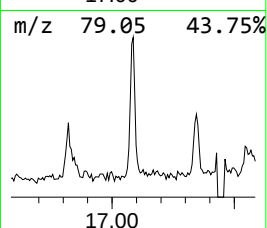
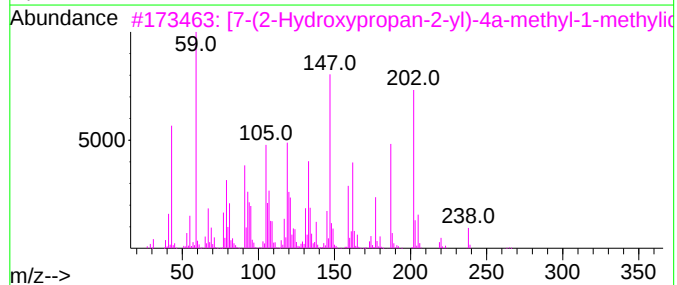
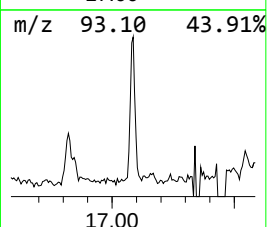
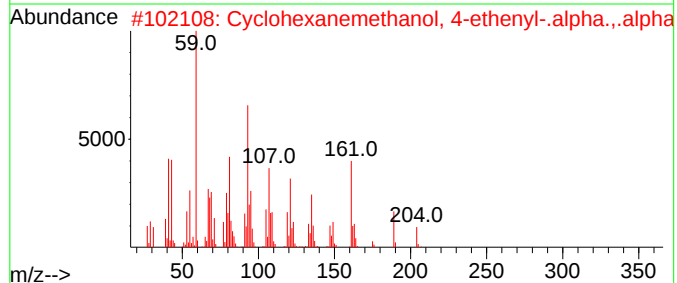
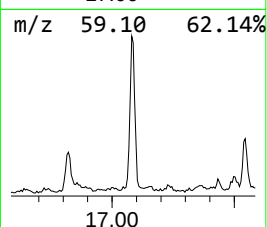
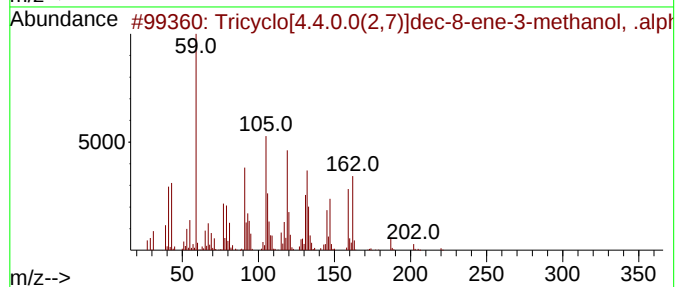
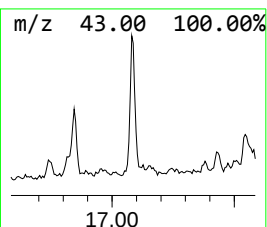
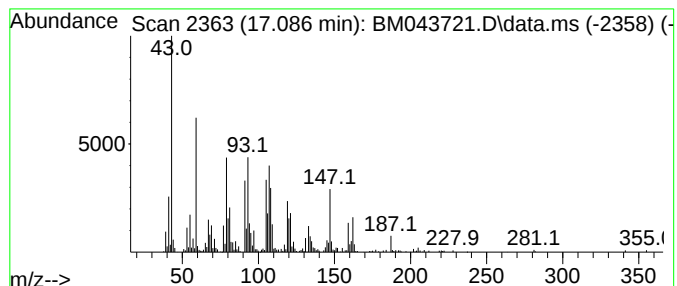
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.086	2.24 ng/ul	286698	Phenanthrene-d10	17.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[4.4.0.0(2,7)]dec-8-ene-...	220	C15H24O	041370-56-3	46
2			Cyclohexanemethanol, 4-ethenyl-....	222	C15H26O	000639-99-6	37
3			[7-(2-Hydroxypropan-2-yl)-4a-met...	280	C17H28O3	1000502-54-5	35
4			3,7-Cyclodecadiene-1-methanol,	222	C15H26O	021657-90-9	32
5			Cyclohexanemethanol, 4-ethenyl-....	222	C15H26O	000639-99-6	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043721.D
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Misc :
ALS Vial : 35 Sample Multiplier: 1

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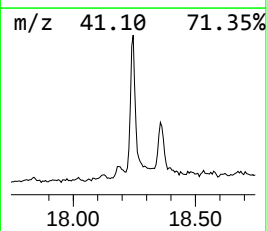
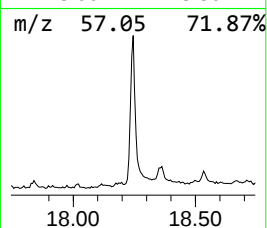
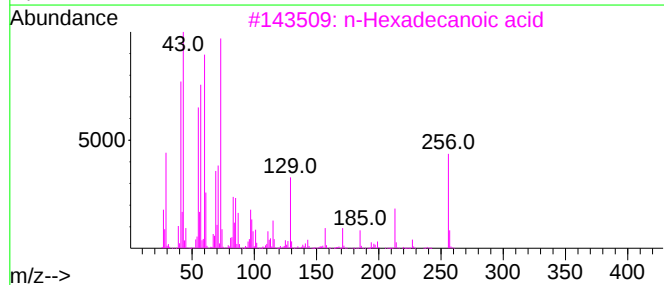
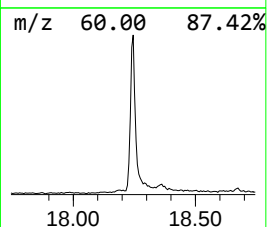
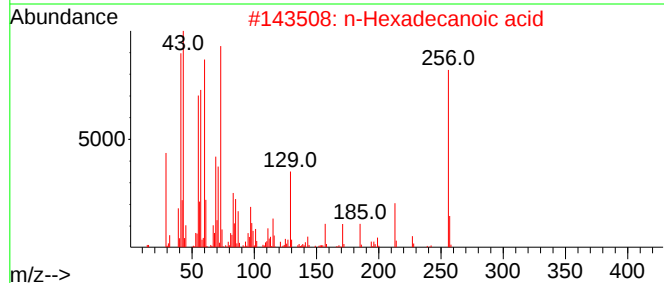
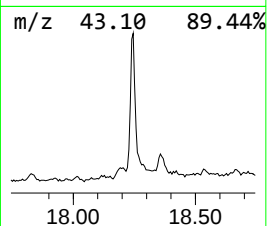
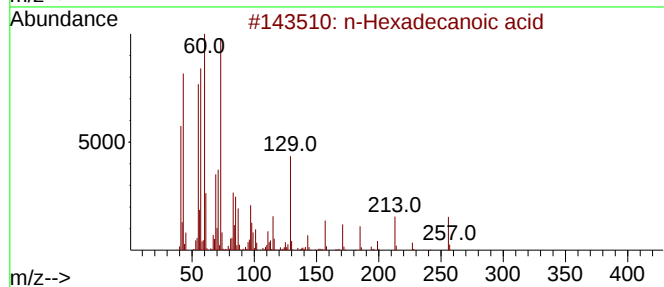
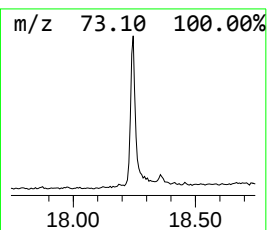
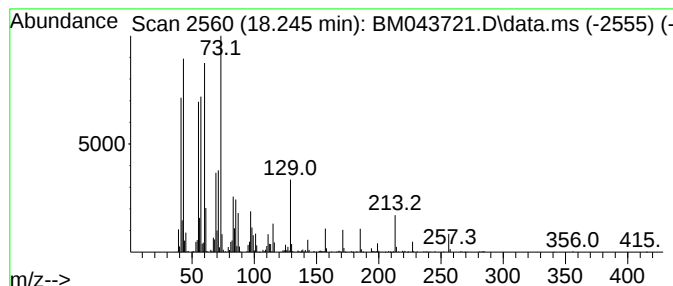
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	6.89 ng/ul	882634	Phenanthrene-d10	17.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043721.D
Acq On : 03 Jan 2024 07:54
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Sample : 05952-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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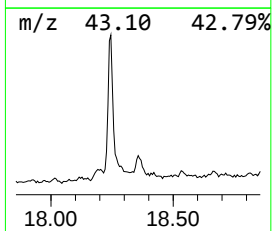
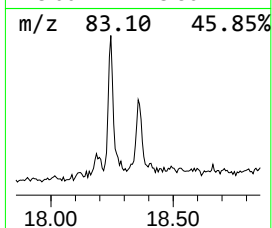
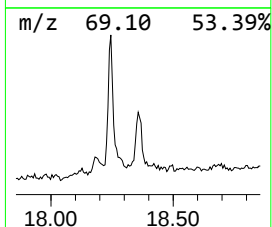
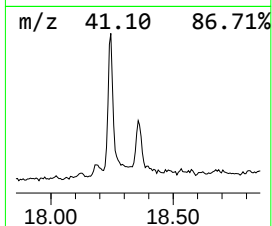
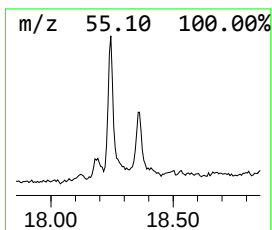
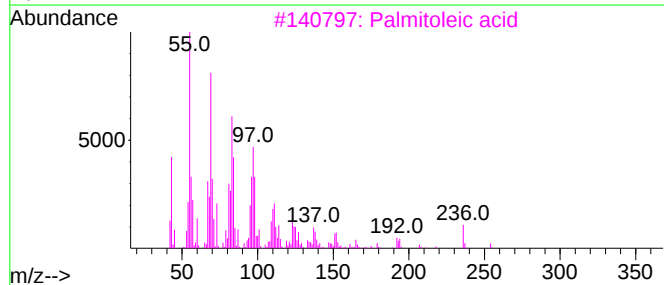
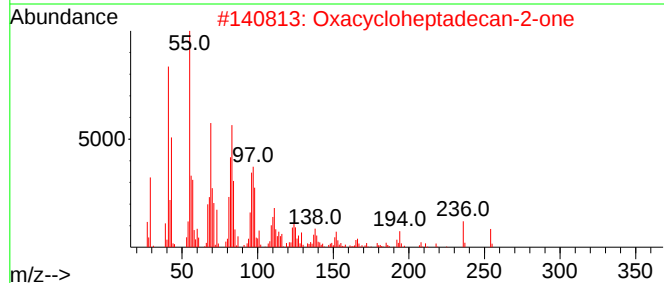
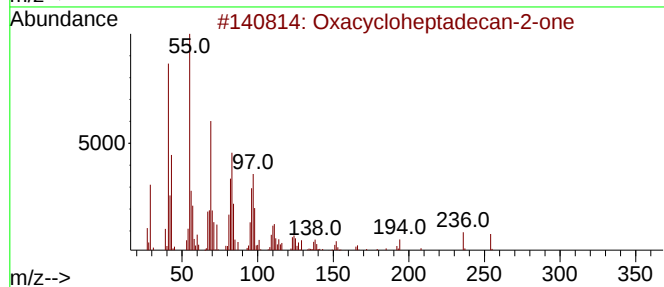
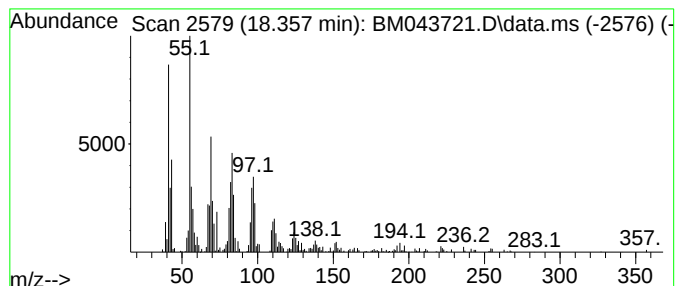
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Oxacycloheptadecan-2-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	2.77 ng/ul	354756	Phenanthrene-d10	17.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	98
2			Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	97
3			Palmitoleic acid	254	C16H30O2	000373-49-9	93
4			6-Pentadecenoic acid, 13-methyl-...	254	C16H30O2	682751-34-4	91
5			Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043721.D
Acq On : 03 Jan 2024 07:54
Operator : MA/JU
Sample : 05952-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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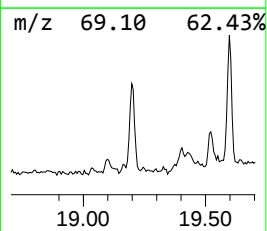
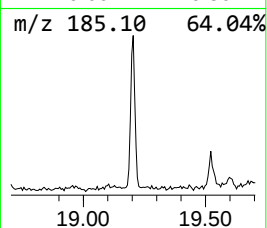
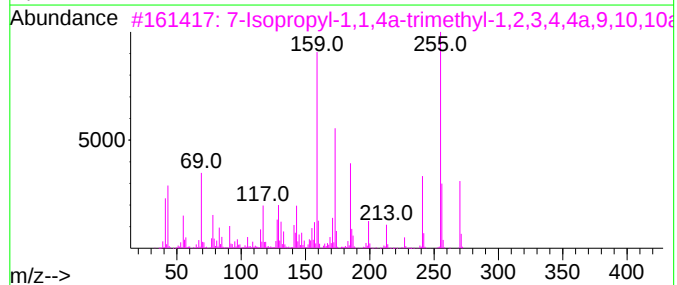
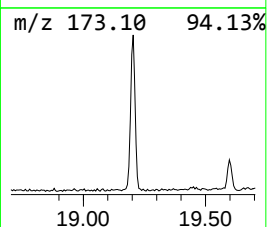
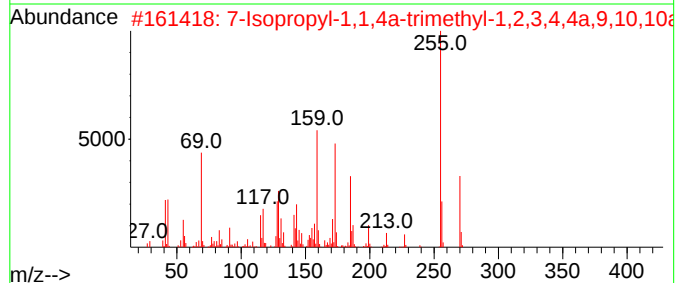
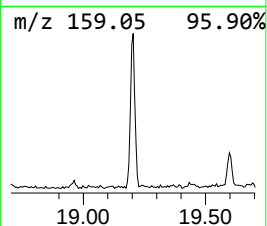
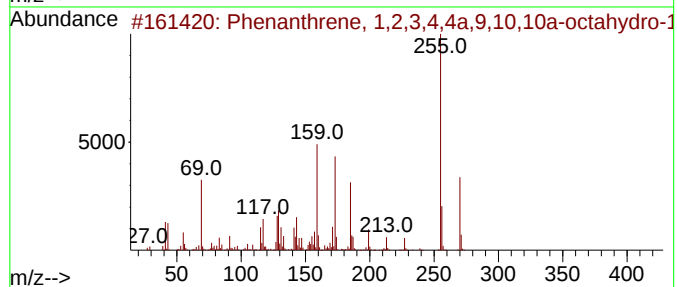
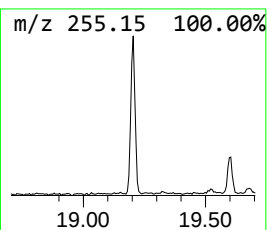
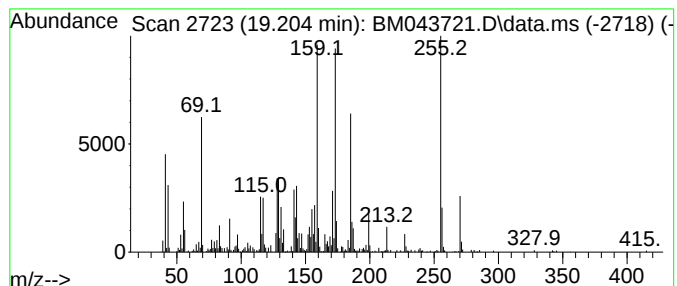
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Phenanthrene, 1,2,3,4,4a,9,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.204	3.38 ng/ul	432815	Phenanthrene-d10	17.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	96
2			7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	109680-01-5	96
3			7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	109680-01-5	89
4			3-(4-Methoxyphenyl)-4-(1-methyl-...	255	C14H13N3O2	1000461-00-2	25
5			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043721.D
Acq On : 03 Jan 2024 07:54
Operator : MA/JU
Sample : 05952-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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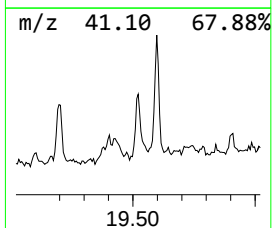
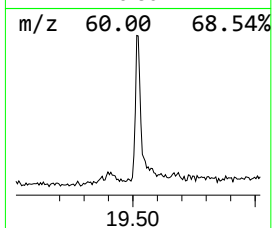
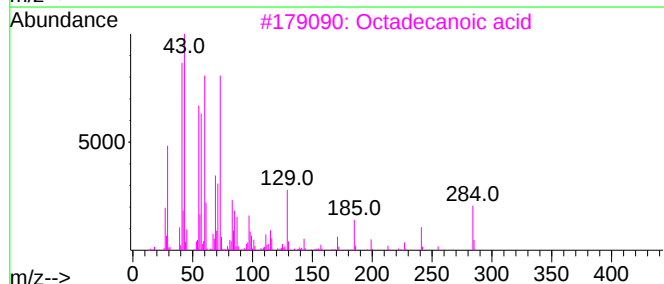
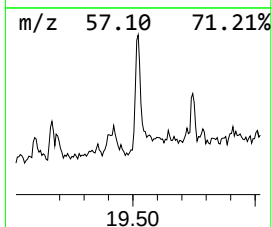
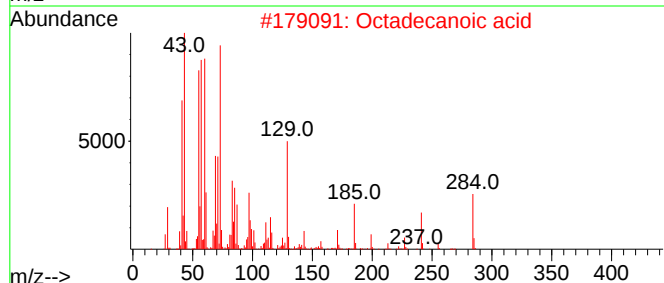
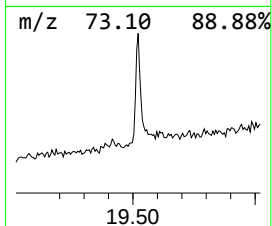
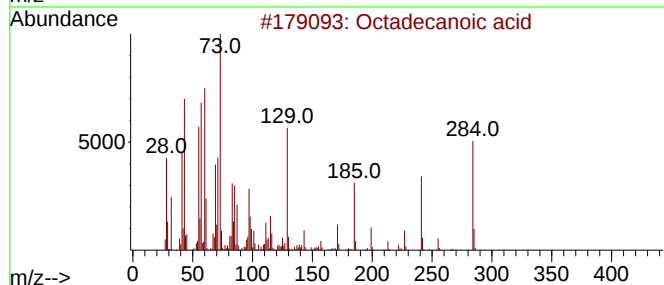
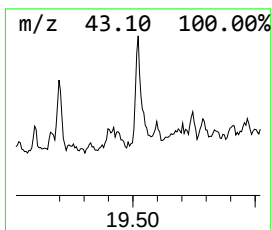
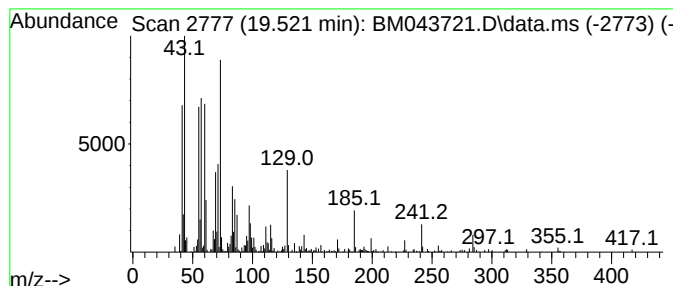
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.521	2.35 ng/ul	329536	Chrysene-d12	21.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Eicosanoic acid	312	C20H40O2	000506-30-9	97
5			Eicosanoic acid	312	C20H40O2	000506-30-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043721.D
Acq On : 03 Jan 2024 07:54
Operator : MA/JU
Sample : 05952-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

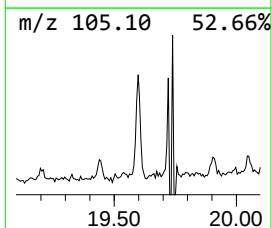
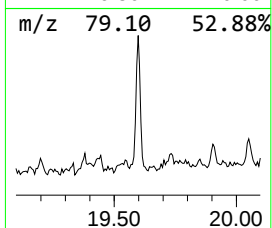
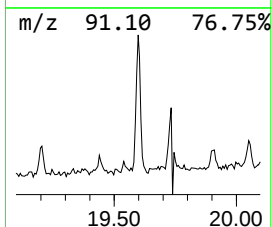
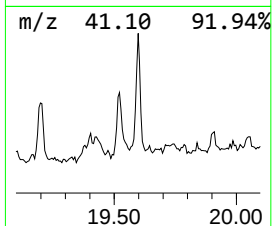
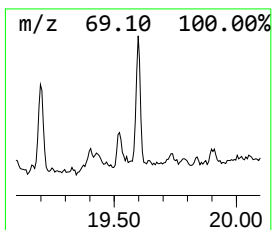
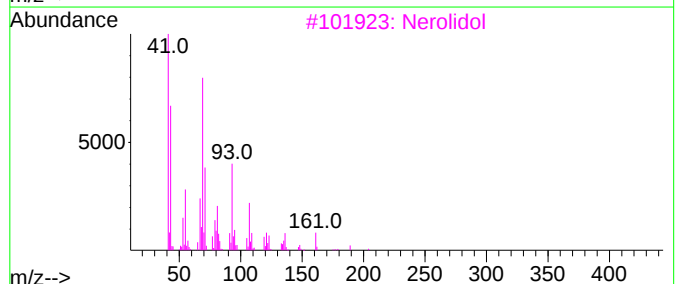
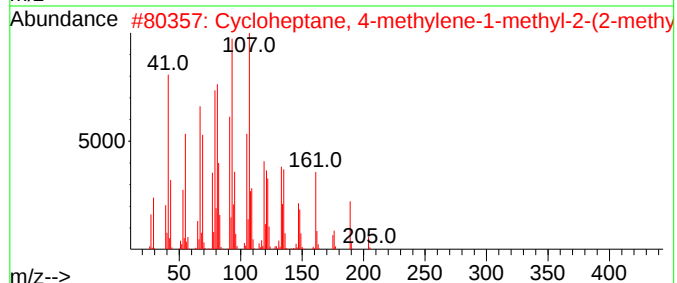
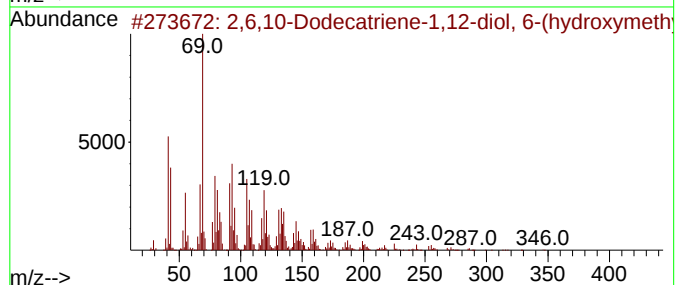
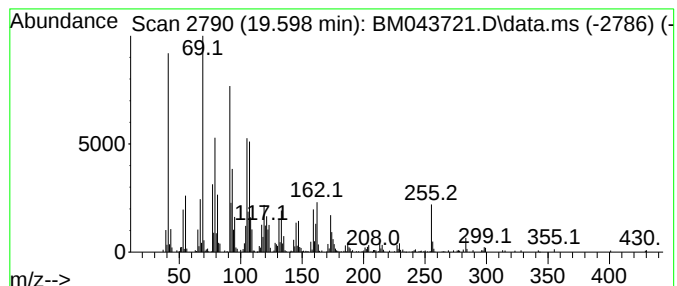
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.598	2.82 ng/ul	395610	Chrysene-d12	21.527	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Dodecatriene-1,12-diol, 6...	364	C22H36O4	1083197-50-5	47
2	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1010159-38-5	35
3	Nerolidol	222	C15H26O	000142-50-7	35
4	1,6,10-Dodecatrien-3-ol, 3,7,11-...	222	C15H26O	007212-44-4	35
5	1,5-Hexadiene, 2,5-dimethyl-3-me...	122	C9H14	059131-13-4	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043721.D
Acq On : 03 Jan 2024 07:54
Operator : MA/JU
Sample : 05952-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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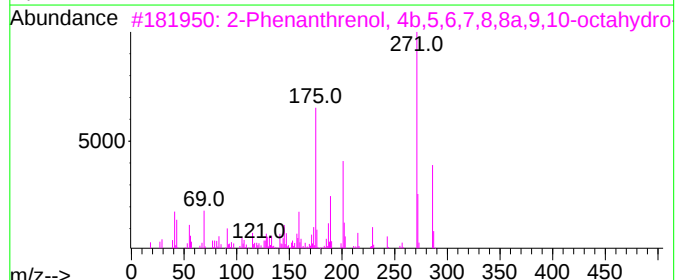
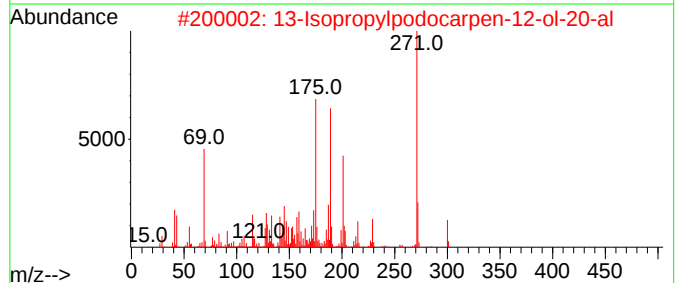
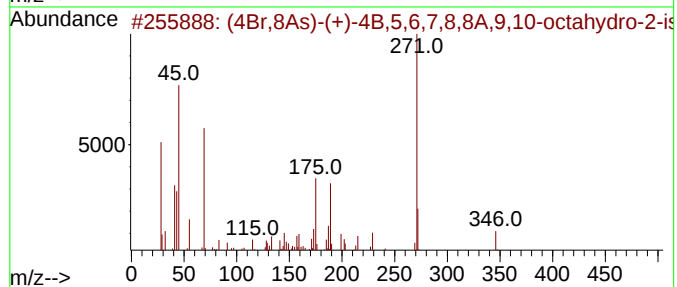
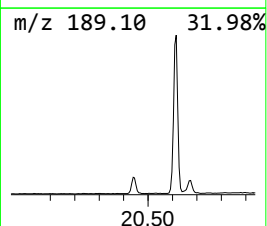
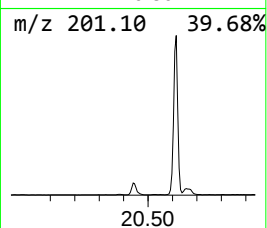
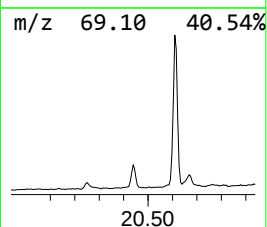
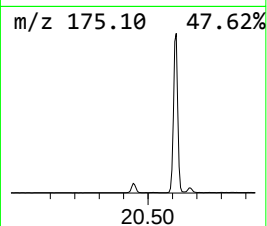
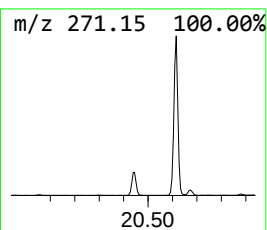
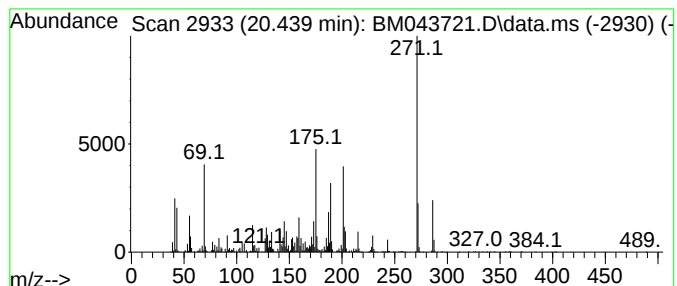
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (4Br,8As)-(+)-4B,5,6,7,8,8A... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.439	5.89 ng/ul	827021	Chrysene-d12	21.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(4Br,8As)-(+)-4B,5,6,7,8,8A,9,10...	346	C22H34O3	1000426-72-2	64
2			13-Isopropylpodocarpin-12-ol-20-al	300	C20H28O2	024035-37-8	62
3			2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	60
4			2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	58
5			Pisiferol	302	C20H30O2	024035-36-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043721.D
Acq On : 03 Jan 2024 07:54
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Sample : 05952-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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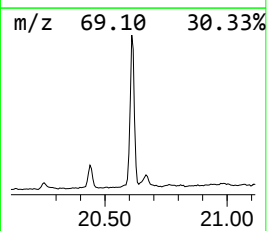
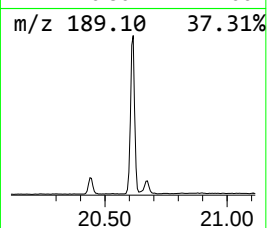
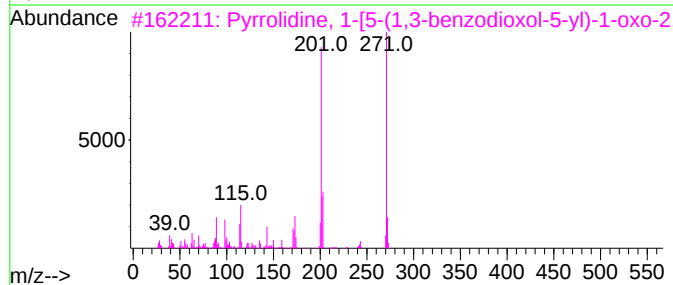
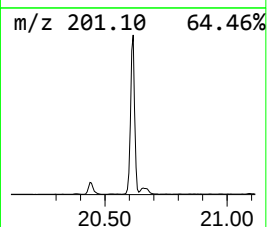
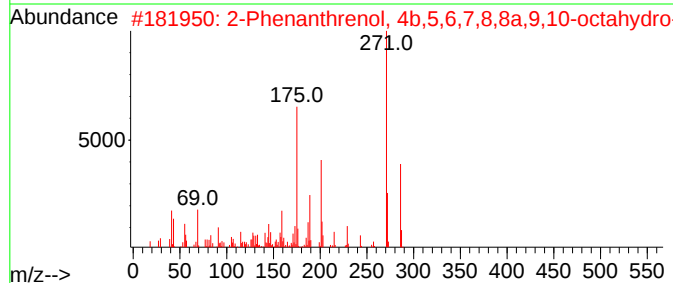
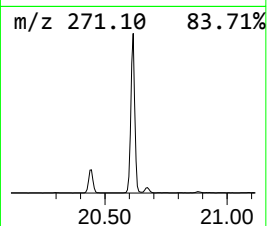
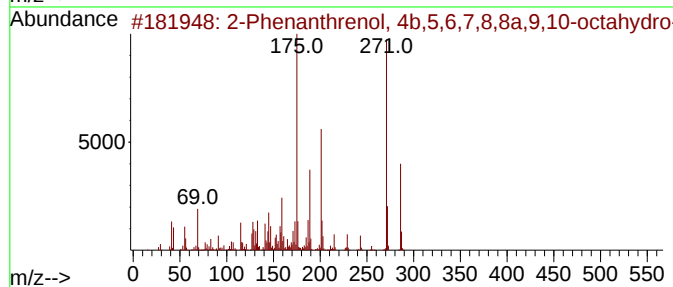
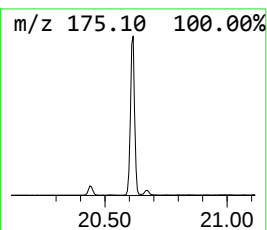
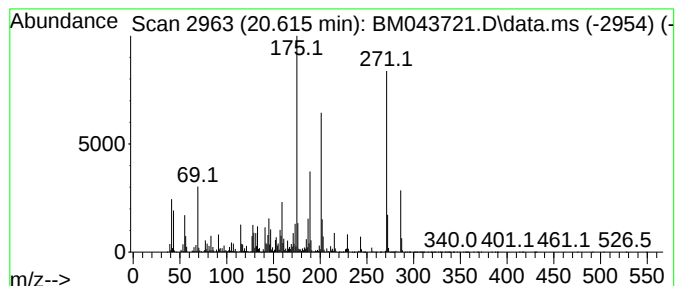
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.615	50.63 ng/ul	7103360	Chrysene-d12	21.527

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99
2		2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	96
3		Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	45
4		(-)-Morphinan-6-one, 4-methoxy-	271	C17H21NO2	1000129-09-1	20
5		Desomorphine	271	C17H21NO2	000427-00-9	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043721.D
Acq On : 03 Jan 2024 07:54
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ALS Vial : 35 Sample Multiplier: 1

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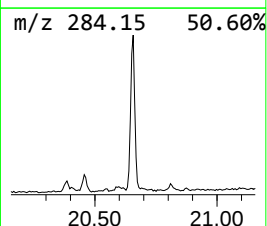
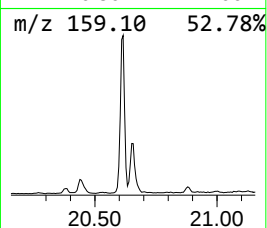
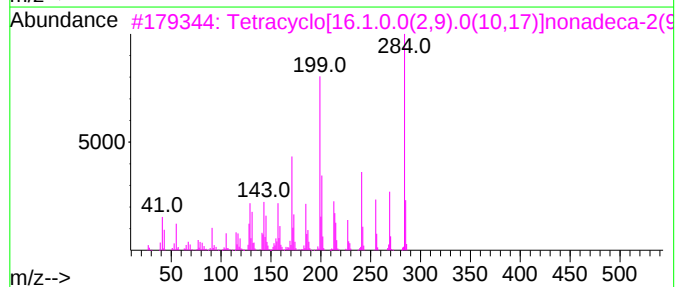
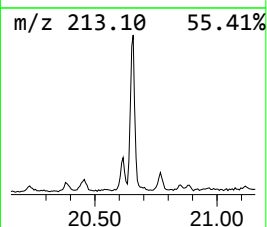
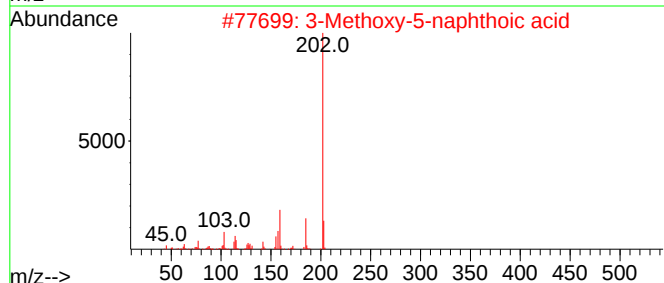
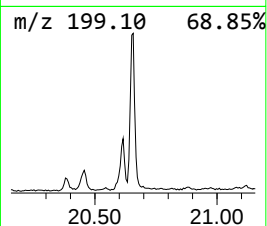
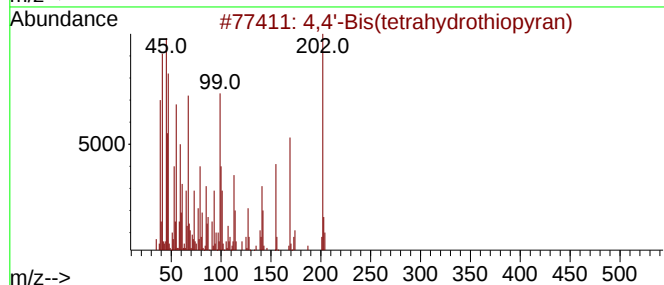
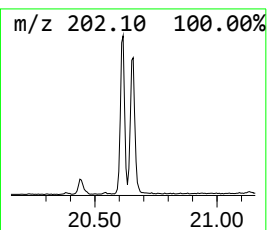
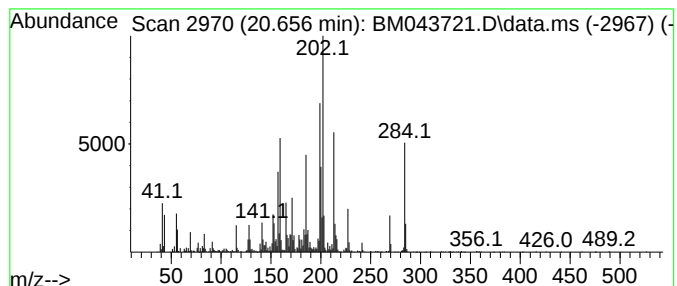
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.656	10.01 ng/ul	1404550	Chrysene-d12	21.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	91
2			3-Methoxy-5-naphthoic acid	202	C12H10O3	007498-58-0	42
3			Tetracyclo[16.1.0.0(2,9).0(10,17)...	284	C21H32	1000163-57-5	35
4			1(2H)-Chrysenone, 3,4,4a,4b,5,6,...	284	C19H24O2	058165-59-6	35
5			9-Borabicyclo[3.3.1]nonane, 9-br...	200	C8H14BBr	022086-45-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043721.D
Acq On : 03 Jan 2024 07:54
Operator : MA/JU
Sample : 05952-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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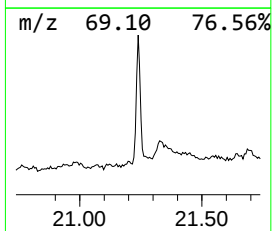
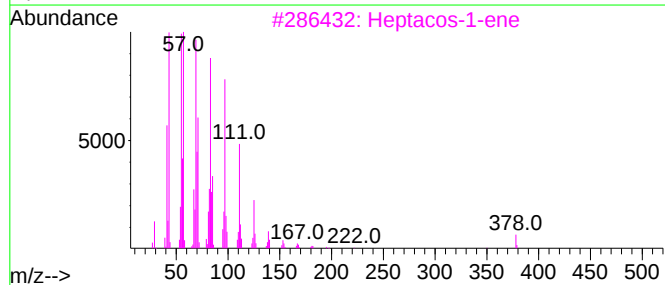
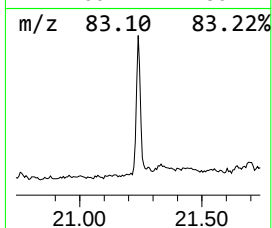
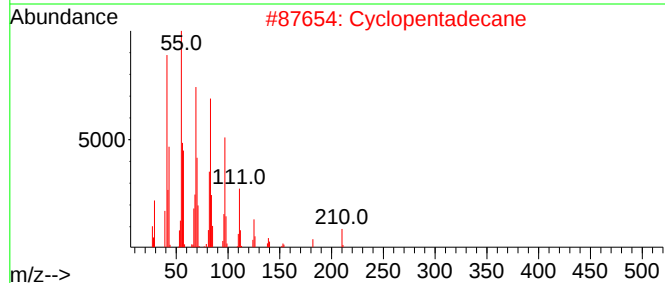
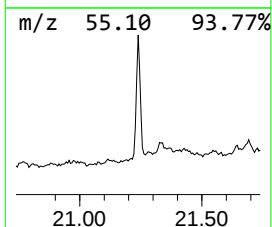
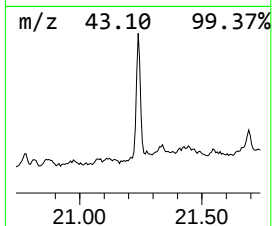
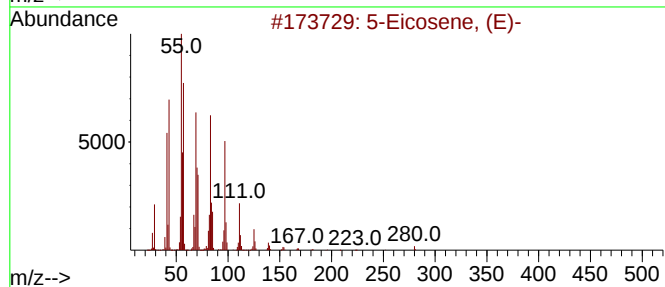
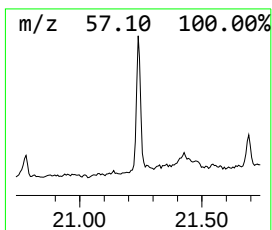
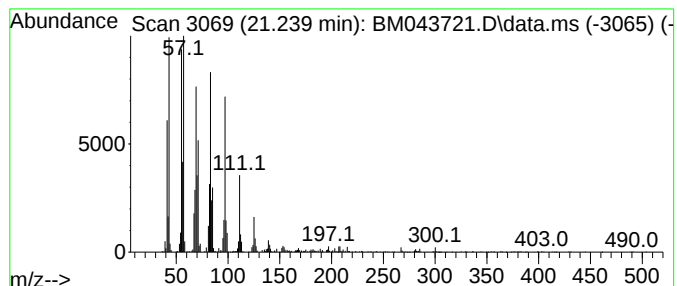
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.239	7.14 ng/ul	1001540	Chrysene-d12	21.527

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	97
2	Cyclopentadecane		210	C15H30	000295-48-7	97
3	Heptacos-1-ene		378	C27H54	015306-27-1	94
4	Trifluoroacetoxy hexadecane		338	C18H33F3O2	006222-03-3	94
5	1-Hexacosene		364	C26H52	018835-33-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043721.D
Acq On : 03 Jan 2024 07:54
Operator : MA/JU
Sample : 05952-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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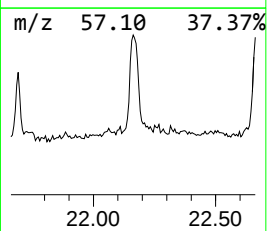
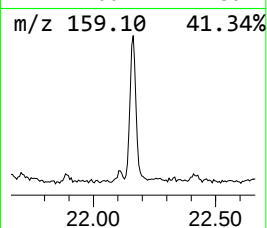
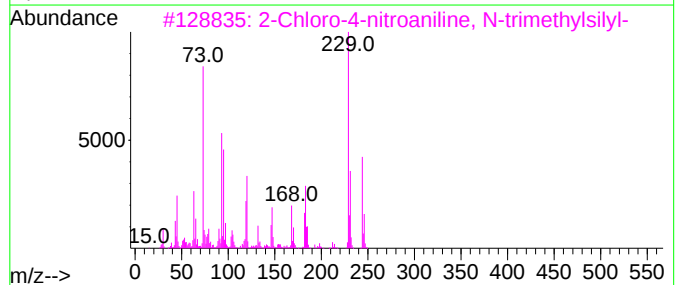
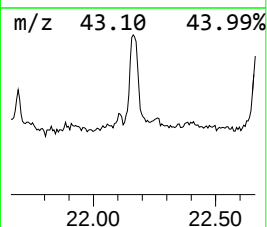
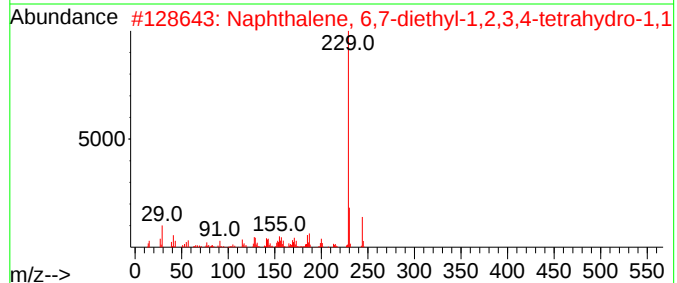
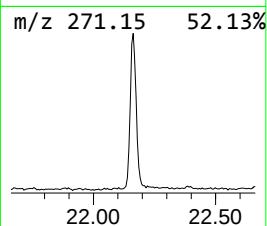
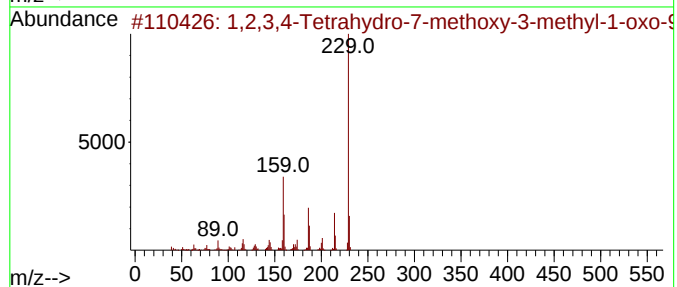
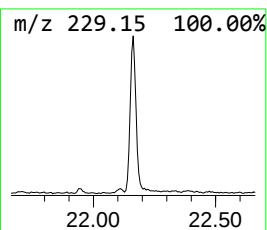
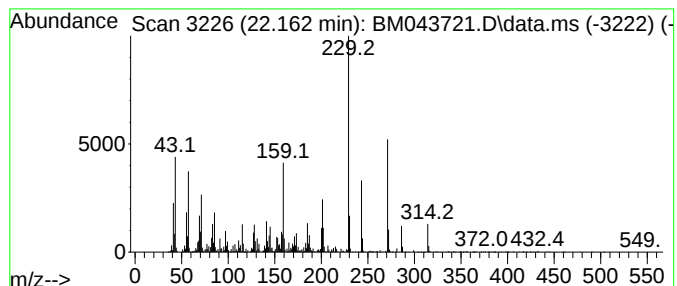
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.162	10.09 ng/ul	1415290	Chrysene-d12	21.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,3,4-Tetrahydro-7-methoxy-3-m...	229	C14H15NO2	032550-51-9	46
2			Naphthalene, 6,7-diethyl-1,2,3,4...	244	C18H28	055741-10-1	38
3			2-Chloro-4-nitroaniline, N-trime...	244	C9H13ClN2O2Si	1000461-74-7	38
4			6-Methyl-2-(methylthio)-4-pyrimi...	244	C9H16N2S2Si	1000479-10-2	30
5			Glutaric acid, 2-(4-bromophenoxy...	442	C21H31BrO5	1000371-41-2	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043721.D
Acq On : 03 Jan 2024 07:54
Operator : MA/JU
Sample : 05952-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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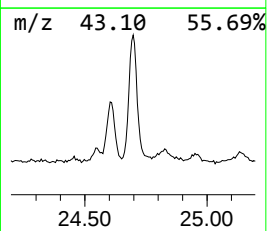
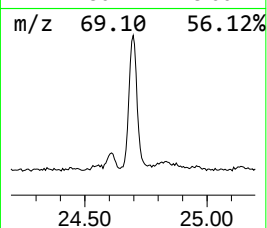
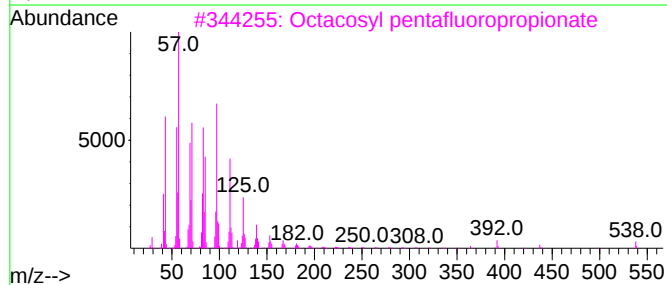
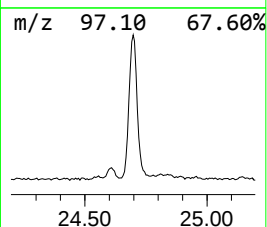
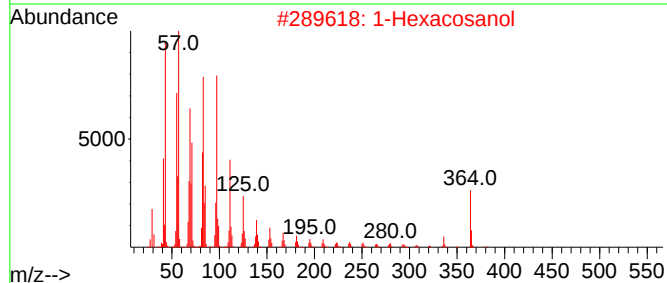
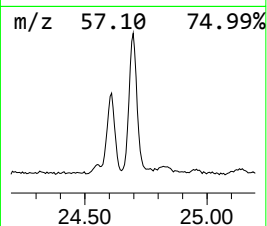
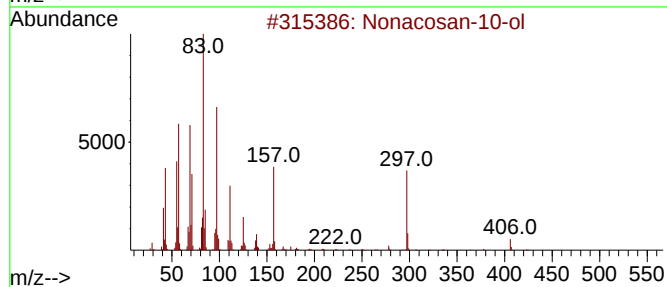
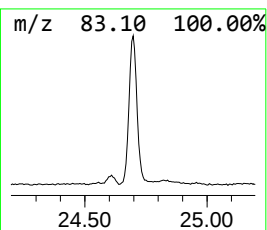
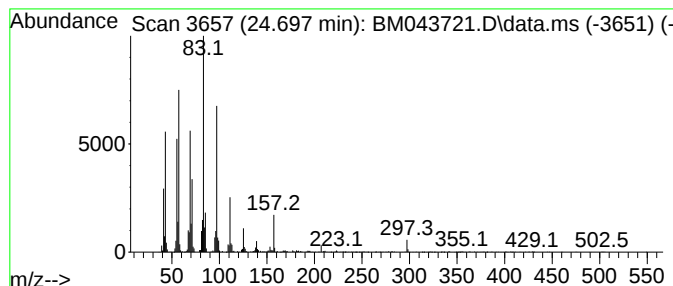
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Nonacosan-10-ol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.697	16.84 ng/ul	2458990	Perylene-d12	23.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonacosan-10-ol	424	C29H60O	000504-55-2	91
2			1-Hexacosanol	382	C26H54O	000506-52-5	83
3			Octacosyl pentafluoropropionate	556	C31H57F5O2	1000351-88-9	49
4			Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	49
5			1-Hentetracontanol	593	C41H84O	040710-42-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043721.D
Acq On : 03 Jan 2024 07:54
Operator : MA/JU
Sample : 05952-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF94

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Longifolene	13.857	13.8	ng/ul	1560370	3	14.592	2254610	20.0
Cyclohexene, 3-...	13.904	3.2	ng/ul	365539	3	14.592	2254610	20.0
cis-Thujopsene	14.110	2.9	ng/ul	322056	3	14.592	2254610	20.0
Cyclohexene, 1-...	14.410	3.1	ng/ul	346733	3	14.592	2254610	20.0
(1R,4R,5S)-1,8-...	14.480	4.4	ng/ul	500046	3	14.592	2254610	20.0
Naphthalene, 1,...	14.651	2.7	ng/ul	308835	3	14.592	2254610	20.0
Cedrol	15.874	6.5	ng/ul	733200	3	14.592	2254610	20.0
unknown-01	17.086	2.2	ng/ul	286698	4	17.345	2560490	20.0
n-Hexadecanoic ...	18.245	6.9	ng/ul	882634	4	17.345	2560490	20.0
Oxacycloheptade...	18.357	2.8	ng/ul	354756	4	17.345	2560490	20.0
Phenanthrene, 1...	19.204	3.4	ng/ul	432815	4	17.345	2560490	20.0
Octadecanoic acid	19.521	2.4	ng/ul	329536	5	21.527	2806180	20.0
unknown-02	19.598	2.8	ng/ul	395610	5	21.527	2806180	20.0
(4Br,8As)-(+)-4...	20.439	5.9	ng/ul	827021	5	21.527	2806180	20.0
2-Phenanthrenol...	20.615	50.6	ng/ul	7103360	5	21.527	2806180	20.0
4,4'-Bis(tetrahydro...	20.656	10.0	ng/ul	1404550	5	21.527	2806180	20.0
(DEL) Alkane: S...	21.239	7.1	ng/ul	1001540	5	21.527	2806180	20.0
unknown-03	22.162	10.1	ng/ul	1415290	5	21.527	2806180	20.0
Nonacosan-10-ol	24.697	16.8	ng/ul	2458990	6	23.945	2920000	20.0