

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
 Data File : BM043370.D
 Acq On : 15 Dec 2023 22:37
 Operator : MA/JU
 Sample : 05794-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH3Q6

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: BM043370.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.822	104	108	120	rBV	94880	164476	2.31%	0.138%
2	3.928	121	126	131	rVV	140847	190400	2.67%	0.160%
3	5.069	315	320	330	rVV	90776	144191	2.02%	0.121%
4	7.151	667	674	689	rVB	931823	1607623	22.53%	1.350%
5	7.328	698	704	713	rBV	795298	1283766	17.99%	1.078%
6	7.516	730	736	746	rBV	942898	1526509	21.39%	1.282%
7	7.992	810	817	825	rBV	1802987	2859624	40.08%	2.401%
8	8.704	930	938	946	rBV	906233	1500620	21.03%	1.260%
9	8.828	952	959	967	rVB	477973	775442	10.87%	0.651%
10	9.163	1009	1016	1027	rBV	967278	1625408	22.78%	1.365%
11	9.886	1130	1139	1147	rBV	749754	1295940	18.16%	1.088%
12	10.028	1155	1163	1173	rBV	78590	169934	2.38%	0.143%
13	10.422	1222	1230	1238	rVV	1126348	1932173	27.08%	1.622%
14	10.804	1284	1295	1300	rBV	2556284	4391622	61.55%	3.687%
15	10.851	1300	1303	1310	rVV	356366	560283	7.85%	0.470%
16	10.945	1312	1319	1333	rVV	786118	1432700	20.08%	1.203%
17	12.457	1570	1576	1583	rVB	218014	345158	4.84%	0.290%
18	12.675	1605	1613	1620	rVB	178292	288351	4.04%	0.242%
19	13.463	1741	1747	1753	rBV2	92461	164895	2.31%	0.138%
20	13.786	1794	1802	1804	rBV	75927	123694	1.73%	0.104%
21	13.945	1823	1829	1834	rBV	142457	256410	3.59%	0.215%
22	13.998	1834	1838	1840	rVV	95467	137731	1.93%	0.116%
23	14.039	1840	1845	1859	rVB	1890097	2696456	37.79%	2.264%
24	14.316	1886	1892	1905	rVB2	2294776	3745176	52.49%	3.144%
25	14.621	1935	1944	1950	rVV	3543532	5221388	73.18%	4.383%
26	14.686	1950	1955	1963	rVV	451268	695246	9.74%	0.584%
27	14.821	1972	1978	1988	rVV	411289	695645	9.75%	0.584%
28	15.021	2007	2012	2021	rVV	474834	793518	11.12%	0.666%
29	15.616	2105	2113	2118	rVV	2768169	4048596	56.74%	3.399%
30	15.668	2118	2122	2127	rVV	458440	697202	9.77%	0.585%
31	15.733	2127	2133	2140	rVV	511001	803292	11.26%	0.674%
32	15.792	2140	2143	2146	rVV	80592	121054	1.70%	0.102%
33	15.833	2146	2150	2154	rVV3	78075	140115	1.96%	0.118%
34	15.963	2167	2172	2179	rVV	181637	300638	4.21%	0.252%
35	16.110	2191	2197	2205	rVV2	193141	407490	5.71%	0.342%
36	16.339	2231	2236	2242	rVV6	64505	122981	1.72%	0.103%

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Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
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37	16.668	2281	2292	2297	rBV3	100337	307580	4.31%	0.258%
38	16.898	2323	2331	2334	rBV4	89904	183344	2.57%	0.154%
39	16.933	2334	2337	2341	rVV2	88129	145412	2.04%	0.122%
40	17.021	2347	2352	2359	rVB	278039	420186	5.89%	0.353%
41	17.092	2359	2364	2366	rBV2	94529	141133	1.98%	0.118%
42	17.115	2366	2368	2375	rVV2	126456	217009	3.04%	0.182%
43	17.180	2375	2379	2388	rVB	300401	479249	6.72%	0.402%
44	17.368	2404	2411	2414	rBV	3347053	5034553	70.56%	4.227%
45	17.410	2414	2418	2423	rVV	5242273	7135462	100.00%	5.990%
46	17.462	2423	2427	2431	rVV	2749686	3923051	54.98%	3.293%
47	17.498	2431	2433	2438	rVV	746800	888059	12.45%	0.746%
48	17.557	2438	2443	2448	rVV3	76159	161766	2.27%	0.136%
49	17.768	2471	2479	2492	rVV2	355581	711463	9.97%	0.597%
50	17.886	2493	2499	2505	rVV4	89283	185961	2.61%	0.156%
51	17.945	2505	2509	2519	rVV4	80757	160281	2.25%	0.135%
52	18.239	2550	2559	2564	rBV	457279	938533	13.15%	0.788%
53	18.286	2564	2567	2574	rVB	666082	938979	13.16%	0.788%
54	18.368	2574	2581	2586	rVB	179523	279854	3.92%	0.235%
55	18.433	2586	2592	2596	rBV2	596430	1070680	15.01%	0.899%
56	18.468	2596	2598	2604	rVB	307888	377718	5.29%	0.317%
57	18.739	2639	2644	2648	rBV	326834	459031	6.43%	0.385%
58	18.780	2648	2651	2657	rVB	302483	409899	5.74%	0.344%
59	18.839	2657	2661	2664	rBV	112503	159114	2.23%	0.134%
60	18.986	2682	2686	2690	rBV	95181	133284	1.87%	0.112%
61	19.068	2697	2700	2704	rVB2	111394	153275	2.15%	0.129%
62	19.156	2709	2715	2719	rBV2	230789	411404	5.77%	0.345%
63	19.215	2719	2725	2728	rVV5	88194	185739	2.60%	0.156%
64	19.292	2733	2738	2747	rBV3	271720	575056	8.06%	0.483%
65	19.415	2753	2759	2766	rVB	5115447	6501740	91.12%	5.458%
66	19.656	2796	2800	2804	rVB	142284	190931	2.68%	0.160%
67	19.751	2810	2816	2818	rBV	3245463	4813958	67.47%	4.041%
68	19.780	2818	2821	2828	rVV	3924603	5016112	70.30%	4.211%
69	19.845	2828	2832	2837	rVV2	199031	323985	4.54%	0.272%
70	19.892	2837	2840	2844	rVV	104706	144059	2.02%	0.121%
71	19.956	2847	2851	2857	rVV	226933	378338	5.30%	0.318%
72	20.015	2857	2861	2865	rVB2	104835	156311	2.19%	0.131%
73	20.098	2870	2875	2882	rVV3	207595	516716	7.24%	0.434%
74	20.233	2893	2898	2899	rBV4	176614	237246	3.32%	0.199%
75	20.268	2901	2904	2908	rVB	361476	498094	6.98%	0.418%
76	20.368	2918	2921	2925	rBV	180624	204878	2.87%	0.172%

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77	20.427	2925	2931	2936	rVV2	308450	559769	7.84%	0.470%
78	20.568	2951	2955	2958	rBV	180895	225074	3.15%	0.189%
79	20.615	2958	2963	2967	rBV2	195405	274905	3.85%	0.231%
80	20.756	2984	2987	2990	rVB	181000	191398	2.68%	0.161%
81	21.015	3027	3031	3037	rVB	325286	428292	6.00%	0.360%
82	21.180	3054	3059	3063	rBV2	238422	405071	5.68%	0.340%
83	21.221	3063	3066	3069	rVV	288638	340333	4.77%	0.286%
84	21.256	3069	3072	3078	rVV3	470998	829724	11.63%	0.697%
85	21.309	3078	3081	3089	rVB2	318931	476262	6.67%	0.400%
86	21.462	3104	3107	3110	rVV	133641	127829	1.79%	0.107%
87	21.533	3112	3119	3123	rVV2	3543612	6843811	95.91%	5.745%
88	21.574	3123	3126	3134	rVB	1666220	2295328	32.17%	1.927%
89	21.697	3144	3147	3153	rBV2	176753	299828	4.20%	0.252%
90	22.127	3216	3220	3225	rVV2	281571	509036	7.13%	0.427%
91	22.180	3225	3229	3235	rVB3	239024	359094	5.03%	0.301%
92	22.762	3324	3328	3335	rBV	337029	561817	7.87%	0.472%
93	23.221	3400	3406	3412	rBV2	1085388	2965306	41.56%	2.489%
94	23.474	3445	3449	3458	rVB2	353638	692327	9.70%	0.581%
95	23.744	3490	3495	3499	rBV	597276	1112571	15.59%	0.934%
96	23.803	3499	3505	3509	rVV2	1482921	2921975	40.95%	2.453%
97	23.850	3509	3513	3519	rVB	934747	1660584	23.27%	1.394%
98	23.956	3525	3531	3537	rBV	1855424	3663475	51.34%	3.076%
99	24.309	3586	3591	3600	rVB3	334481	816272	11.44%	0.685%
100	26.480	3954	3960	3978	rVB3	518243	2121328	29.73%	1.781%

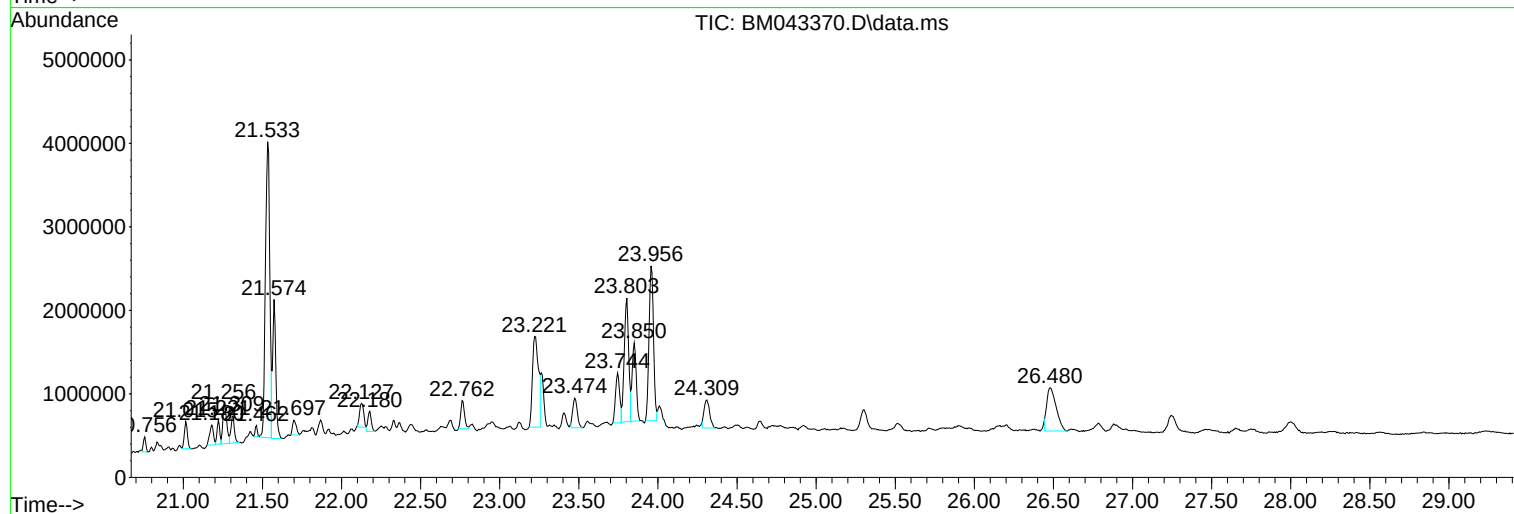
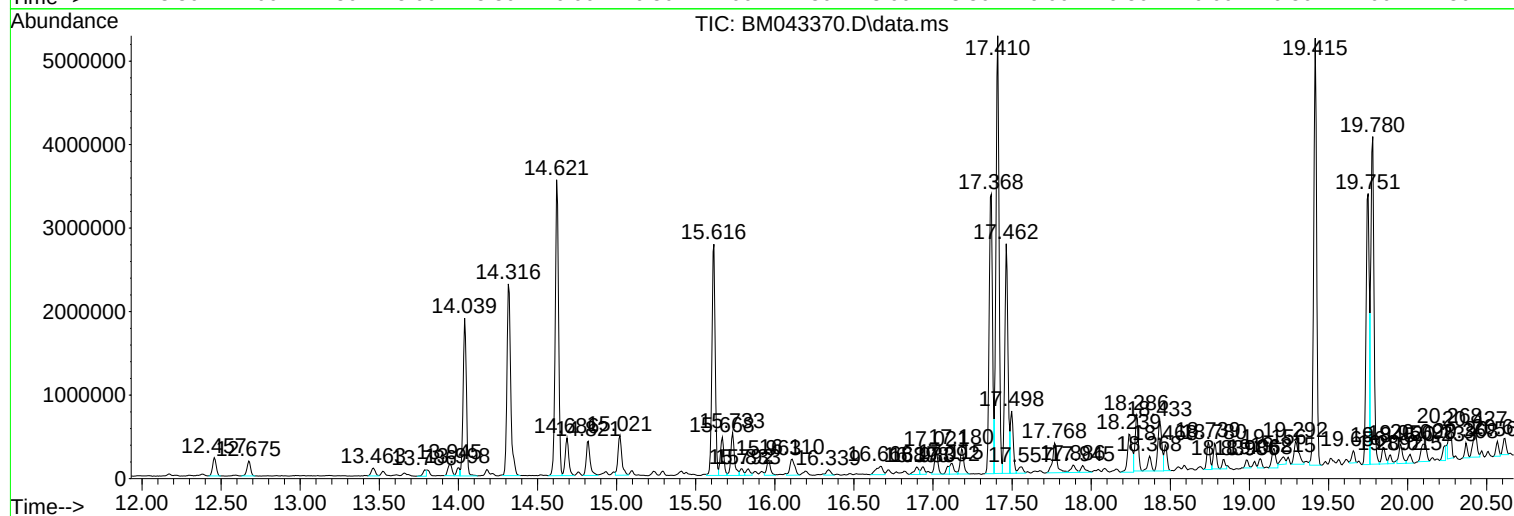
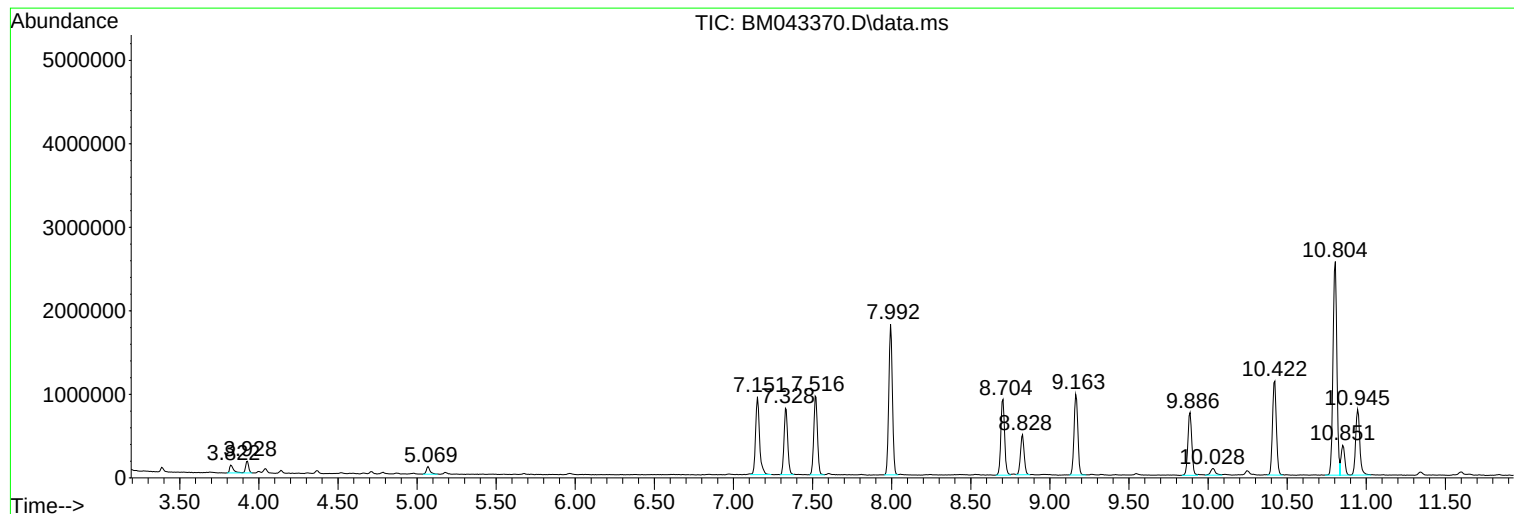
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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



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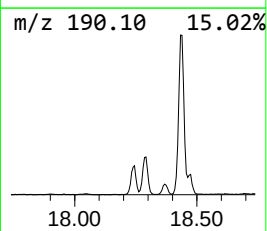
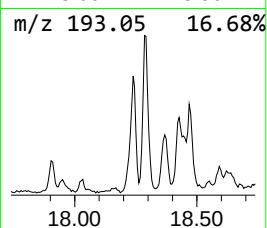
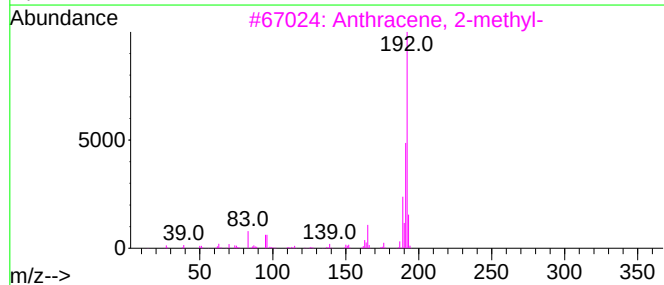
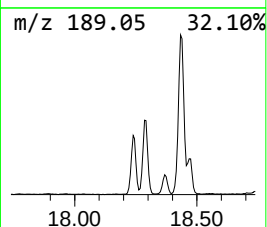
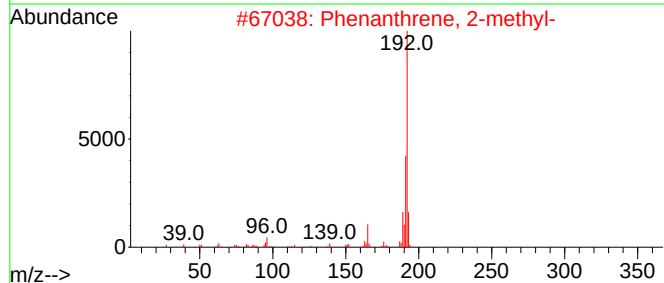
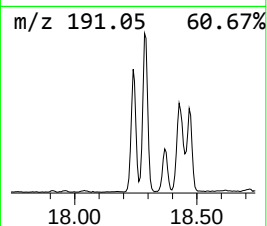
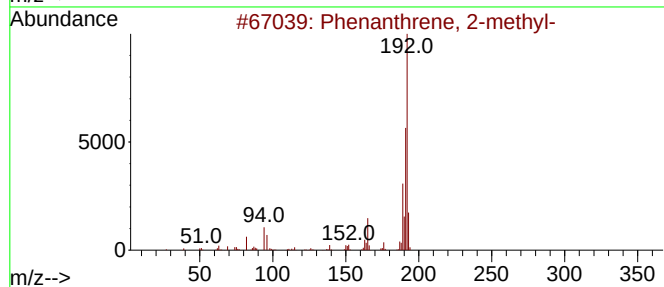
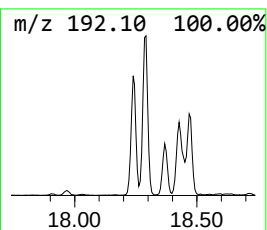
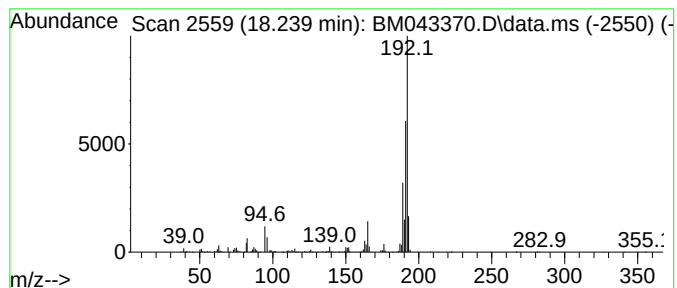
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	3.73 ng/ul	938533	Phenanthrene-d10	17.368

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



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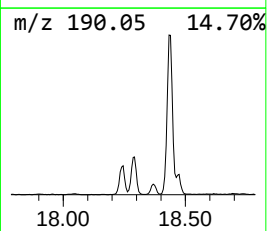
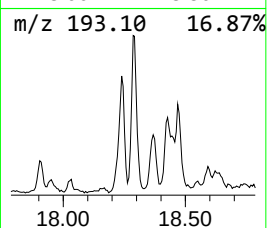
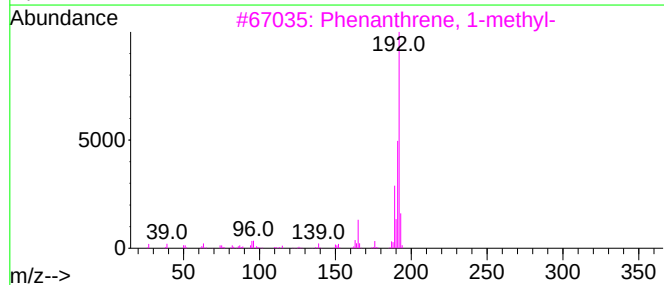
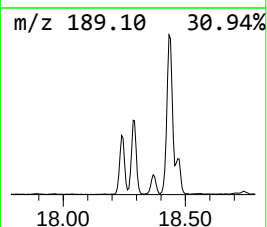
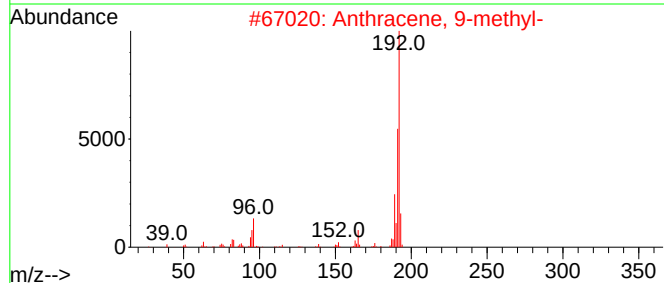
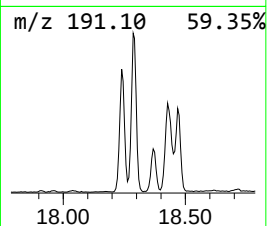
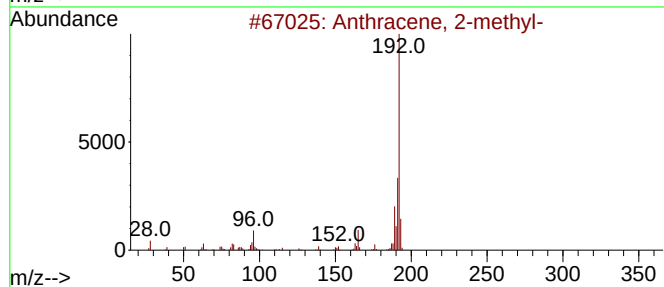
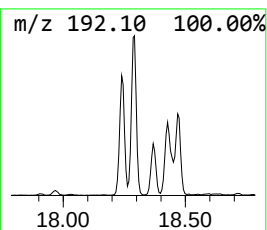
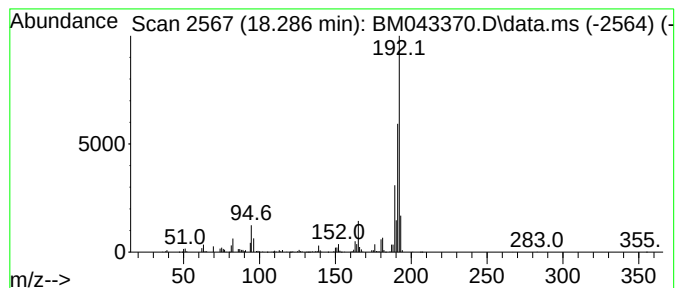
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	3.73 ng/ul	938979	Phenanthrene-d10	17.368

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93



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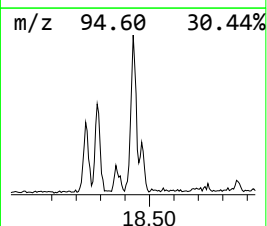
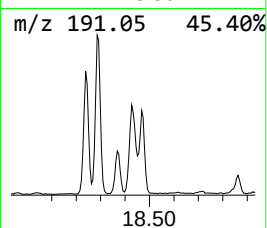
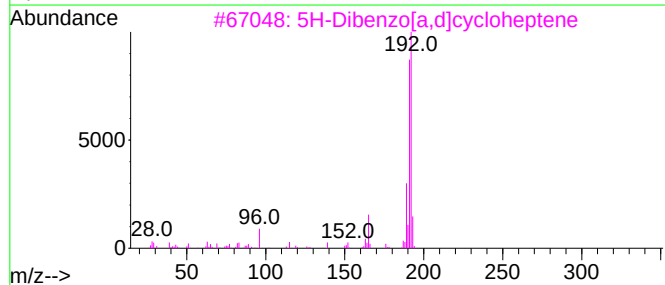
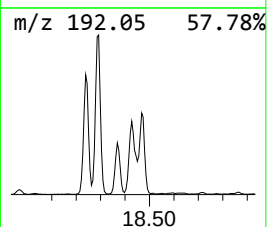
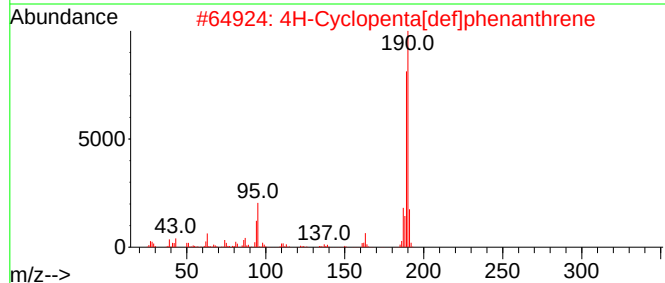
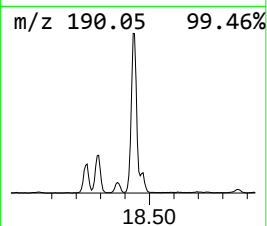
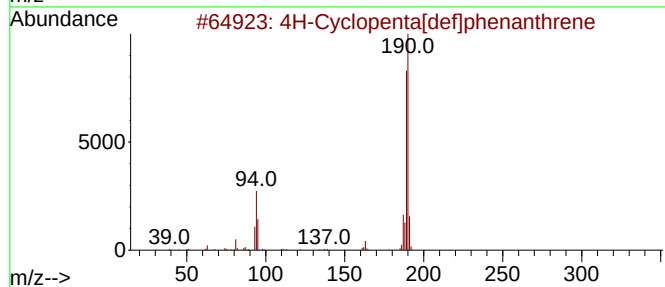
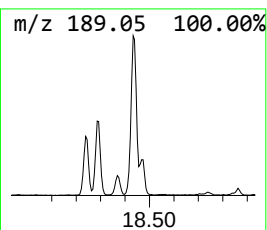
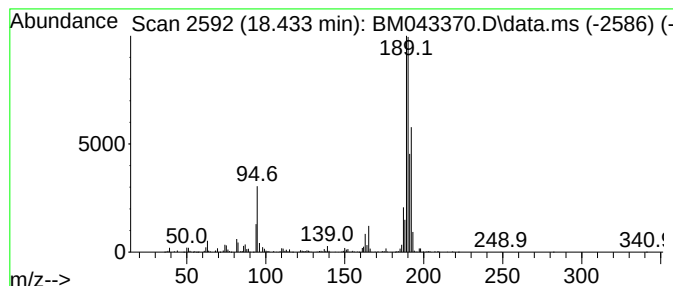
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	4.25 ng/ul	1070680	Phenanthrene-d10	17.368

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
Data File : BM043370.D
Acq On : 15 Dec 2023 22:37
Operator : MA/JU
Sample : 05794-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH3Q6

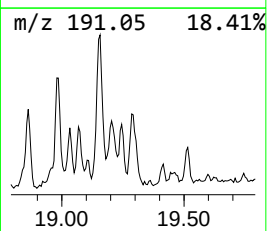
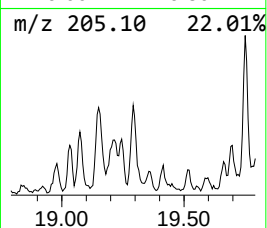
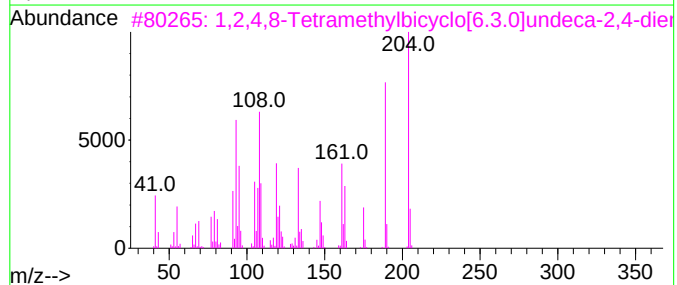
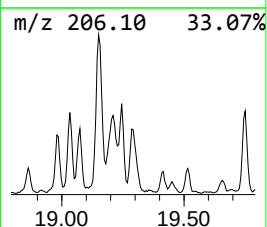
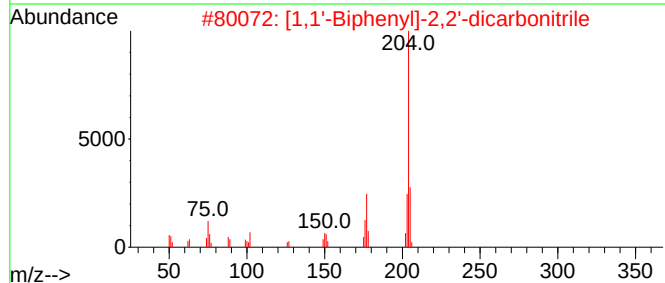
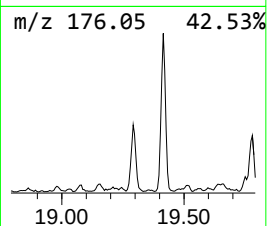
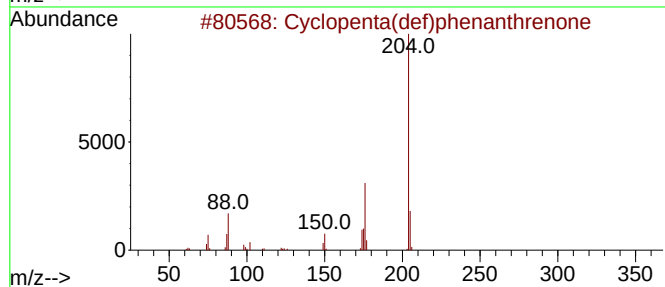
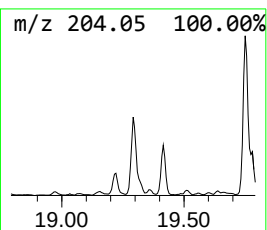
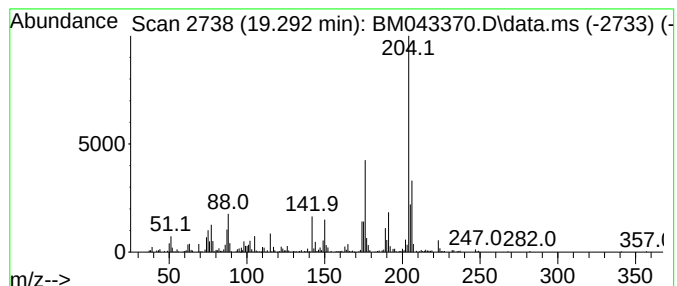
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.292	2.28 ng/ul	575056	Phenanthrene-d10	17.368

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
3			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5			1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
Data File : BM043370.D
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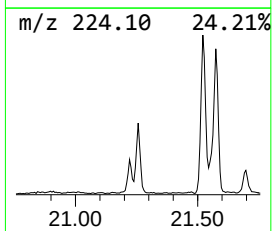
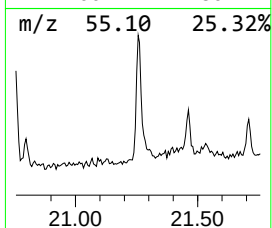
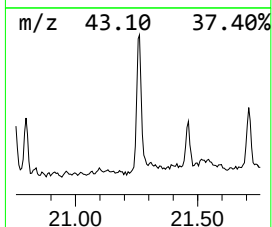
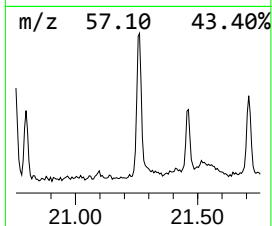
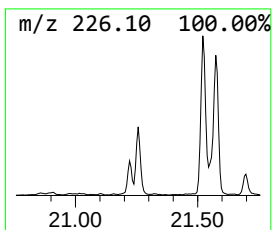
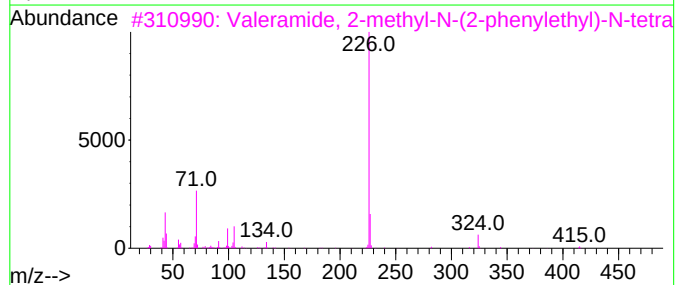
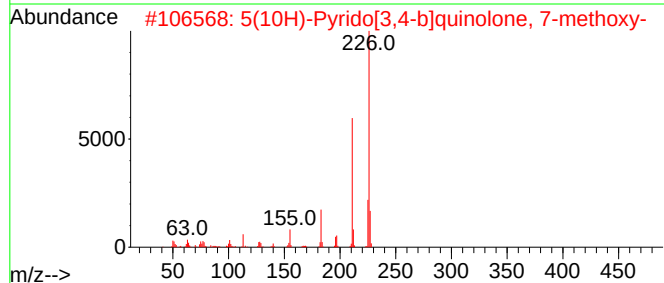
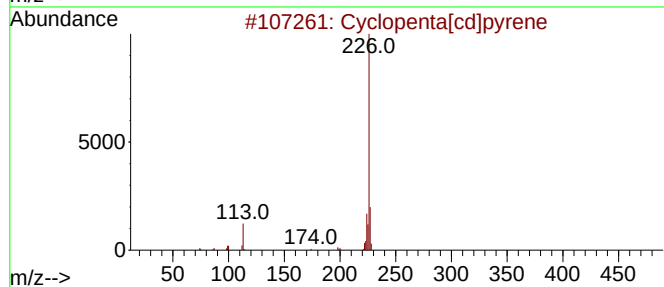
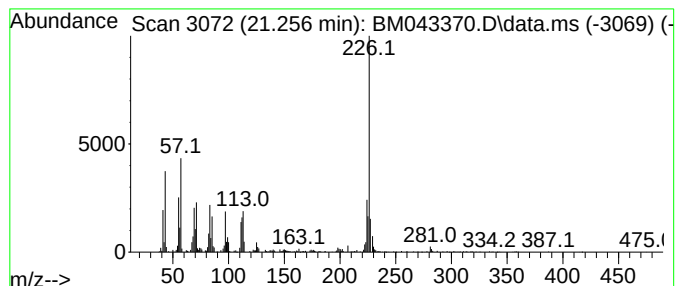
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclopenta[cd]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.256	2.42 ng/ul	829724	Chrysene-d12	21.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
2			5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	47
3			Valeramide, 2-methyl-N-(2-phenyl...	415	C28H49NO	1000491-52-3	43
4			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
5			Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
Data File : BM043370.D
Acq On : 15 Dec 2023 22:37
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Sample : 05794-11
Misc :
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Instrument :
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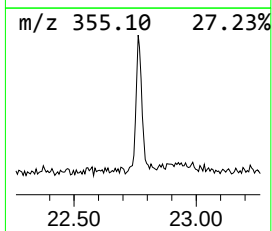
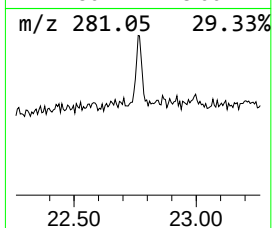
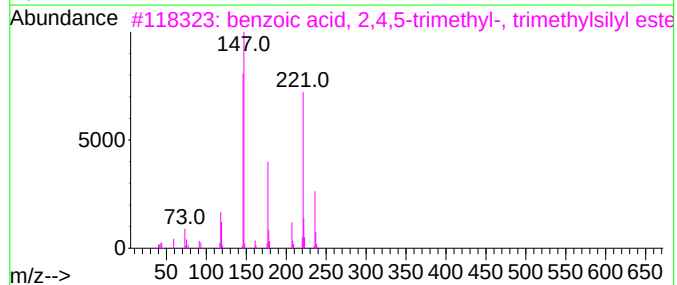
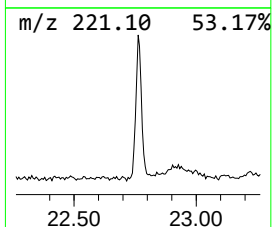
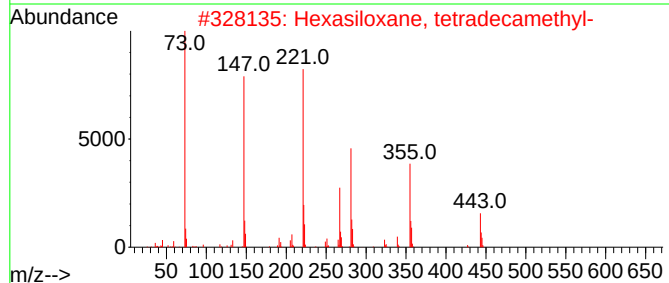
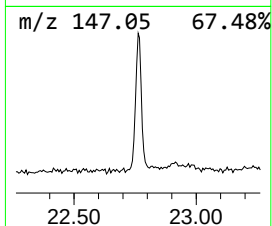
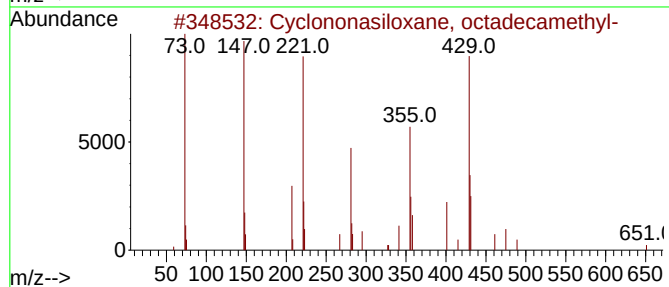
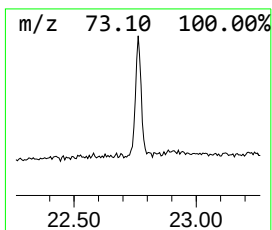
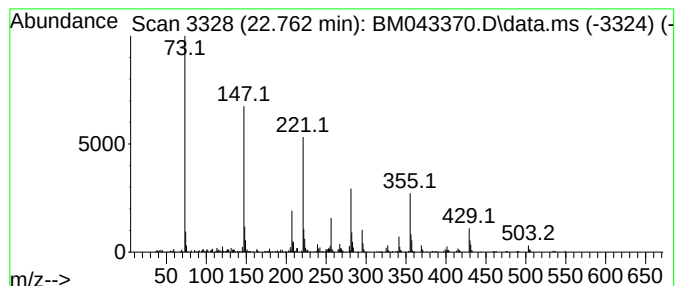
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Cyclononasiloxane, octadeca... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.762	3.07 ng/ul	561817	Perylene-d12	23.956

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	72
2			Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	72
3			benzoic acid, 2,4,5-trimethyl-, ...	236	C13H20O2Si	1000396-43-7	37
4			N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	30
5			Cyclodecasiloxane, eicosamethyl-	740	C20H60O10Si10	018772-36-6	16



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
Data File : BM043370.D
Acq On : 15 Dec 2023 22:37
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Sample : 05794-11
Misc :
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Instrument :
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ClientSampleId :
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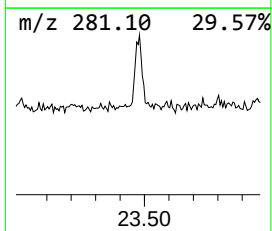
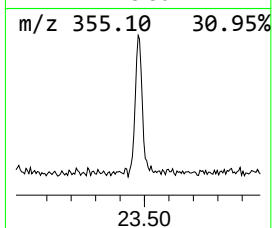
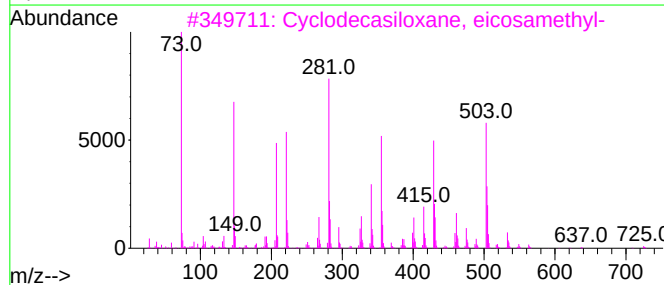
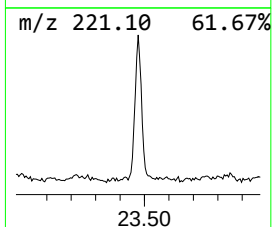
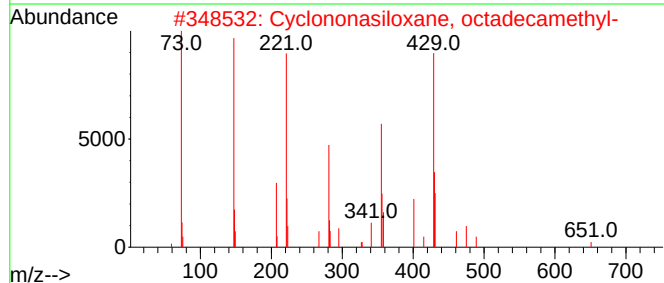
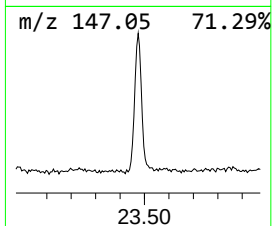
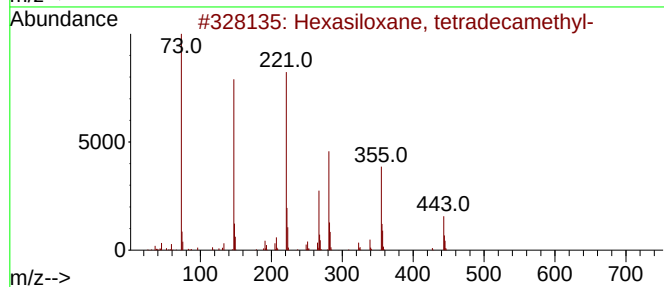
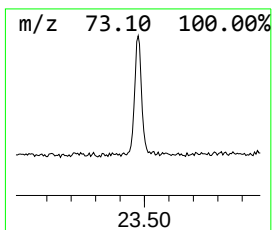
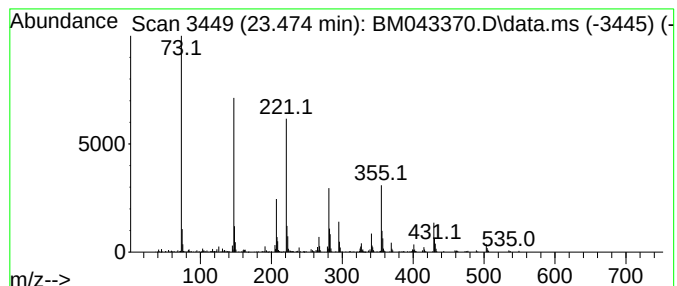
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Hexasiloxane, tetradecamethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.474	3.78 ng/ul	692327	Perylene-d12	23.956

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	74
2			Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	50
3			Cyclodecasiloxane, eicosamethyl-	740	C20H60O10Si10	018772-36-6	50
4			Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	47
5			3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
Data File : BM043370.D
Acq On : 15 Dec 2023 22:37
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Sample : 05794-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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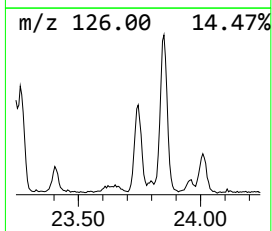
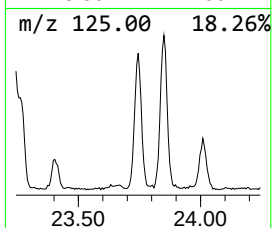
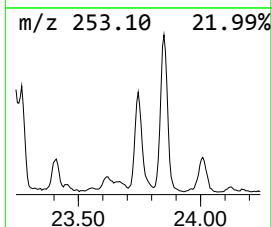
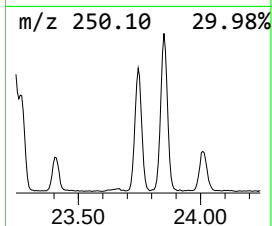
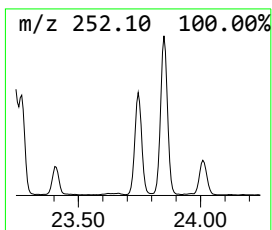
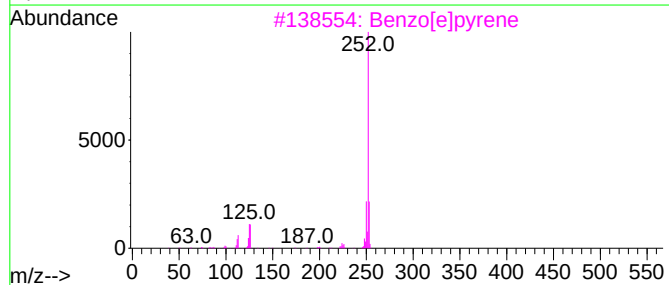
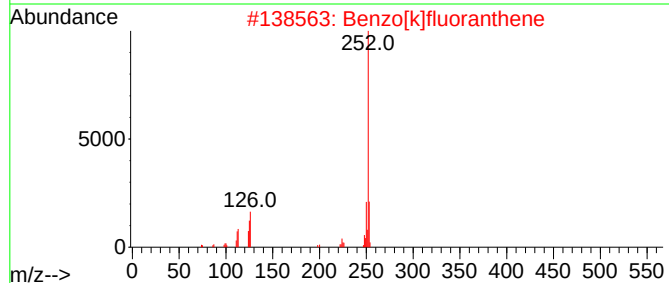
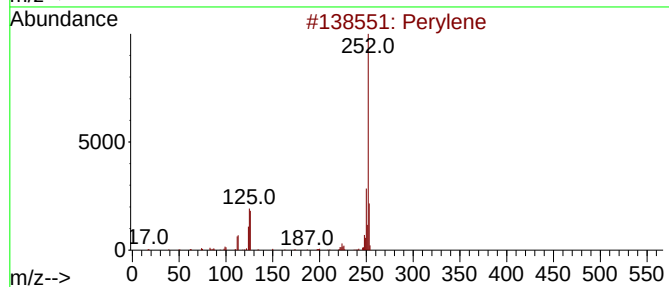
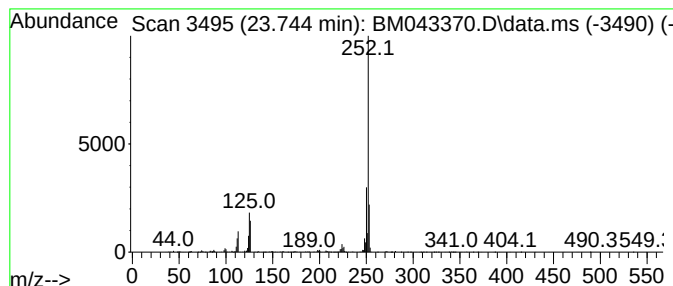
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.744	6.07 ng/ul	1112570	Perylene-d12	23.956

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	99
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	99
3			Benzo[e]pyrene	252	C20H12	000192-97-2	98
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
Data File : BM043370.D
Acq On : 15 Dec 2023 22:37
Operator : MA/JU
Sample : 05794-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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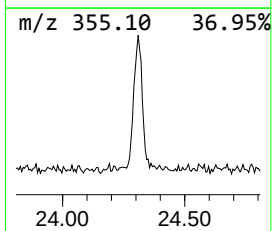
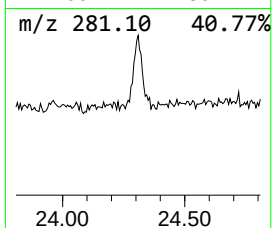
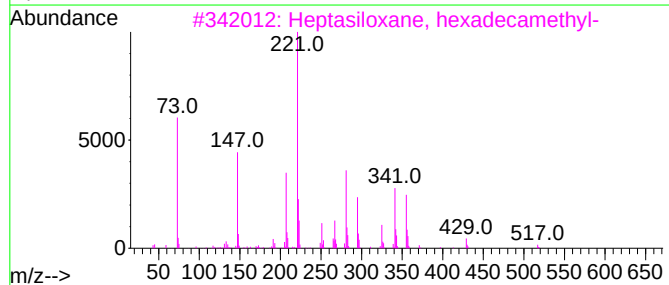
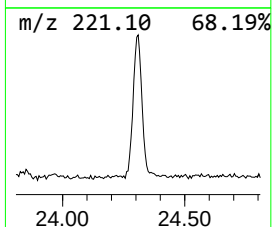
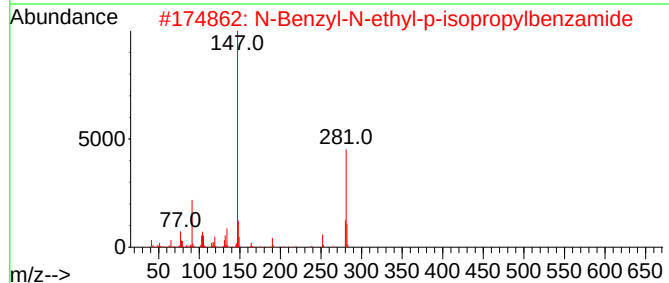
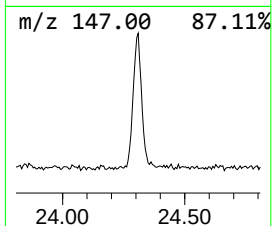
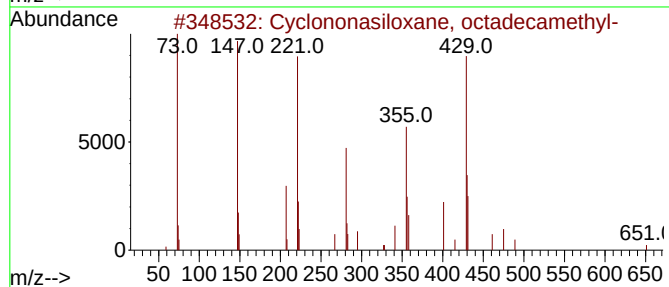
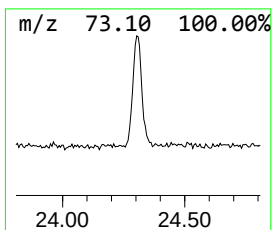
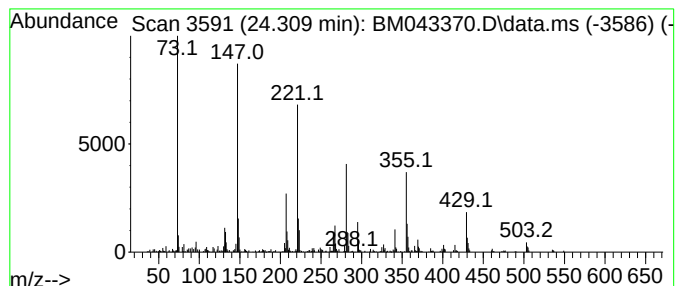
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.309	4.46 ng/ul	816272	Perylene-d12	23.956

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	80
2			N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	43
3			Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	35
4			Cyclodecasiloxane, eicosamethyl-	740	C20H60O10Si10	018772-36-6	27
5			Methylmalonic acid, 2TMS derivative	262	C10H22O4Si2	040333-07-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
Data File : BM043370.D
Acq On : 15 Dec 2023 22:37
Operator : MA/JU
Sample : 05794-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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
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Anthracene, 2-m...	18.286	3.7	ng/ul	938979	4	17.368	5034550	20.0
4H-Cyclopenta[d...	18.433	4.3	ng/ul	1070680	4	17.368	5034550	20.0
Cyclopenta(def)...	19.292	2.3	ng/ul	575056	4	17.368	5034550	20.0
Cyclopenta[cd]p...	21.256	2.4	ng/ul	829724	5	21.539	6843810	20.0
Cyclononasiloxa...	22.762	3.1	ng/ul	561817	6	23.956	3663480	20.0
Hexasiloxane, t...	23.474	3.8	ng/ul	692327	6	23.956	3663480	20.0
Perylene	23.744	6.1	ng/ul	1112570	6	23.956	3663480	20.0
unknown-01	24.309	4.5	ng/ul	816272	6	23.956	3663480	20.0