

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
 Data File : BM043309.D
 Acq On : 13 Dec 2023 19:49
 Operator : MA/JU
 Sample : 05690-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLH5

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-BM120723.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM043309.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	122	rBV	279000	516692	2.77%	0.231%
2	7.157	665	675	692	rVB2	1103718	2263184	12.14%	1.012%
3	7.334	699	705	714	rBV	760942	1244389	6.67%	0.557%
4	7.534	732	739	744	rVV2	1630896	2995004	16.07%	1.340%
5	7.592	744	749	757	rVV	922341	1420900	7.62%	0.635%
6	7.781	774	781	795	rBV	2944693	4695009	25.18%	2.100%
7	7.998	810	818	828	rBV	1293866	2137736	11.47%	0.956%
8	8.704	932	938	948	rBV	1194189	1937497	10.39%	0.867%
9	8.828	952	959	970	rVV	1668885	2683785	14.40%	1.200%
10	8.957	974	981	993	rVB	119618	250625	1.34%	0.112%
11	9.169	1010	1017	1024	rBV	974775	1606185	8.62%	0.718%
12	9.886	1129	1139	1156	rBV	739888	1308702	7.02%	0.585%
13	10.063	1156	1169	1175	rBV	288670	701070	3.76%	0.314%
14	10.251	1195	1201	1208	rVB	156463	257805	1.38%	0.115%
15	10.422	1224	1230	1238	rVB	1267702	2092959	11.23%	0.936%
16	10.804	1285	1295	1300	rBV	1646922	2828927	15.17%	1.265%
17	10.857	1300	1304	1311	rVV	278958	473764	2.54%	0.212%
18	10.951	1311	1320	1338	rVB	455425	854330	4.58%	0.382%
19	11.345	1379	1387	1394	rBV2	192529	339578	1.82%	0.152%
20	12.457	1571	1576	1583	rVB	326539	521782	2.80%	0.233%
21	12.674	1606	1613	1624	rVB	239645	406578	2.18%	0.182%
22	13.951	1823	1830	1835	rBV	239506	439271	2.36%	0.196%
23	14.004	1835	1839	1841	rVV	151645	232863	1.25%	0.104%
24	14.045	1841	1846	1853	rVV	2073480	3016642	16.18%	1.349%
25	14.321	1886	1893	1908	rVB	2485232	4098709	21.99%	1.833%
26	14.621	1935	1944	1950	rVV	2411697	3707643	19.89%	1.658%
27	14.686	1950	1955	1963	rVV	1884557	2681314	14.38%	1.199%
28	14.815	1972	1977	1982	rVV	1048513	1643030	8.81%	0.735%
29	14.857	1982	1984	1989	rVV	249860	339724	1.82%	0.152%
30	15.021	2007	2012	2019	rVV	865448	1314004	7.05%	0.588%
31	15.615	2106	2113	2117	rVV	3062209	4593510	24.64%	2.054%
32	15.668	2117	2122	2128	rVV	1604478	2327322	12.48%	1.041%
33	15.727	2128	2132	2136	rVV2	287385	478133	2.56%	0.214%
34	15.792	2140	2143	2146	rVV	229304	340777	1.83%	0.152%
35	15.827	2146	2149	2153	rVV2	224840	336536	1.81%	0.151%
36	15.874	2153	2157	2161	rVV3	141458	258516	1.39%	0.116%

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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-BM120723.MA.M
 Title : SVOA CALIBRATION

37	15.962	2167	2172	2180	rVB	273069	470880	2.53%	0.211%
38	16.110	2189	2197	2204	rVB	261245	589537	3.16%	0.264%
39	16.333	2229	2235	2236	rBV2	236848	324383	1.74%	0.145%
40	16.668	2282	2292	2296	rBV2	272694	598214	3.21%	0.268%
41	17.015	2348	2351	2358	rVB2	144305	248957	1.34%	0.111%
42	17.092	2360	2364	2366	rVV2	159341	231220	1.24%	0.103%
43	17.121	2367	2369	2374	rVV2	205894	302264	1.62%	0.135%
44	17.180	2374	2379	2389	rVB2	568421	896368	4.81%	0.401%
45	17.362	2404	2410	2414	rBV	2724303	4111210	22.05%	1.839%
46	17.409	2414	2418	2423	rVV	7428071	10418983	55.89%	4.660%
47	17.462	2423	2427	2430	rVV2	3456892	4865324	26.10%	2.176%
48	17.498	2430	2433	2438	rVV	1880098	2539045	13.62%	1.136%
49	17.556	2438	2443	2448	rVB2	158136	303873	1.63%	0.136%
50	17.768	2475	2479	2492	rVB	388412	694647	3.73%	0.311%
51	17.868	2492	2496	2498	rBV2	170963	257024	1.38%	0.115%
52	17.945	2506	2509	2517	rVB2	138591	236610	1.27%	0.106%
53	18.239	2554	2559	2561	rBV	669390	943848	5.06%	0.422%
54	18.262	2561	2563	2565	rVV	689377	903004	4.84%	0.404%
55	18.286	2565	2567	2574	rVB	973920	1326573	7.12%	0.593%
56	18.368	2577	2581	2586	rVV	408493	611781	3.28%	0.274%
57	18.433	2586	2592	2596	rVV2	2354254	3743254	20.08%	1.674%
58	18.474	2596	2599	2605	rVB2	1350928	1979836	10.62%	0.885%
59	18.645	2623	2628	2637	rBV3	1212203	1868796	10.02%	0.836%
60	18.739	2640	2644	2648	rVV	603349	796158	4.27%	0.356%
61	18.780	2648	2651	2656	rVV3	220210	353388	1.90%	0.158%
62	18.833	2656	2660	2669	rVB3	762723	1231484	6.61%	0.551%
63	18.980	2681	2685	2690	rBV	2148107	2695523	14.46%	1.206%
64	19.068	2696	2700	2703	rVB2	285147	369650	1.98%	0.165%
65	19.109	2703	2707	2711	rBV3	608167	864476	4.64%	0.387%
66	19.150	2711	2714	2718	rVB	345733	462996	2.48%	0.207%
67	19.215	2718	2725	2728	rBV4	330872	708626	3.80%	0.317%
68	19.315	2735	2742	2746	rBV5	336988	863615	4.63%	0.386%
69	19.415	2754	2759	2764	rBV	13787541	18642892	100.00%	8.338%
70	19.474	2764	2769	2774	rVB	10107190	12442054	66.74%	5.565%
71	19.656	2797	2800	2804	rVB	248122	274754	1.47%	0.123%
72	19.750	2810	2816	2818	rBV3	5729238	8716755	46.76%	3.899%
73	19.780	2818	2821	2829	rVV	11904244	15124851	81.13%	6.765%
74	19.845	2829	2832	2838	rVB2	427088	651790	3.50%	0.292%
75	19.956	2847	2851	2856	rVB	483089	696538	3.74%	0.312%
76	20.103	2871	2876	2881	rVB3	568072	1184063	6.35%	0.530%

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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

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77	20.233	2894	2898	2899	rBV3	426061	566824	3.04%	0.254%
78	20.268	2901	2904	2908	rVB	1739553	2243121	12.03%	1.003%
79	20.368	2917	2921	2925	rBV2	1740979	2158027	11.58%	0.965%
80	20.427	2925	2931	2935	rVV3	836990	1509737	8.10%	0.675%
81	20.568	2951	2955	2958	rBV	533365	681027	3.65%	0.305%
82	20.609	2958	2962	2966	rVV4	491664	757558	4.06%	0.339%
83	21.015	3028	3031	3037	rVB3	407910	648755	3.48%	0.290%
84	21.180	3056	3059	3062	rBV	753254	968971	5.20%	0.433%
85	21.221	3063	3066	3069	rVV	849645	1106919	5.94%	0.495%
86	21.256	3069	3072	3077	rVB2	1724277	2282554	12.24%	1.021%
87	21.521	3112	3117	3123	rBV3	5647164	11432219	61.32%	5.113%
88	21.574	3123	3126	3134	rVB	4750351	6114036	32.80%	2.734%
89	21.697	3143	3147	3154	rBV2	703837	1117445	5.99%	0.500%
90	21.856	3170	3174	3180	rVB2	532556	1044391	5.60%	0.467%
91	22.186	3225	3230	3236	rVB4	691276	1433080	7.69%	0.641%
92	22.327	3251	3254	3257	rBV2	404323	462555	2.48%	0.207%
93	23.221	3399	3406	3411	rBV	3422169	8375849	44.93%	3.746%
94	23.403	3434	3437	3442	rVB	444362	675827	3.63%	0.302%
95	23.738	3489	3494	3499	rBV	1618574	3102807	16.64%	1.388%
96	23.797	3499	3504	3508	rVV2	1717233	3224028	17.29%	1.442%
97	23.850	3508	3513	3524	rVB	2062086	4003089	21.47%	1.790%
98	23.950	3525	3530	3536	rBV	1309465	2446358	13.12%	1.094%
99	26.468	3951	3958	3978	rVB2	950625	3428251	18.39%	1.533%
100	27.238	4084	4089	4106	rVB	578711	1916908	10.28%	0.857%

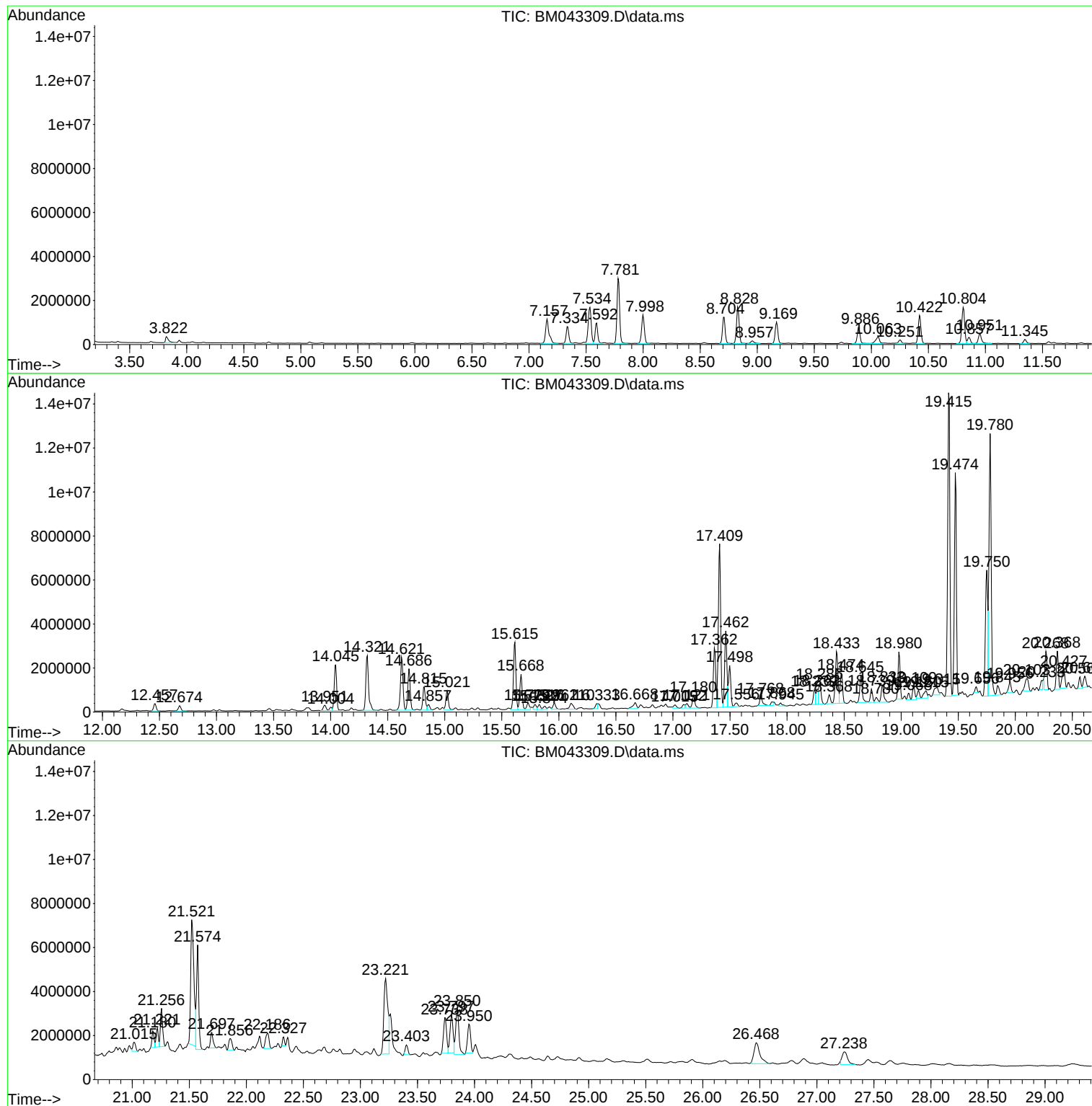
Sum of corrected areas: 223590075

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

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



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Operator : MA/JU
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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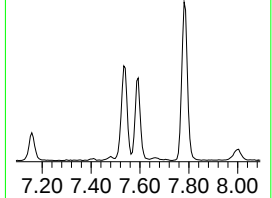
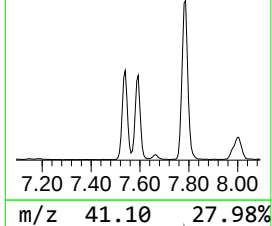
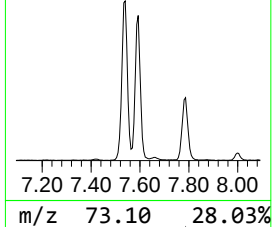
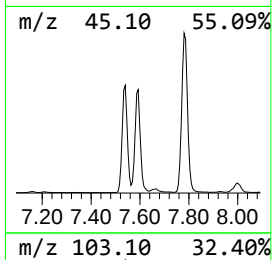
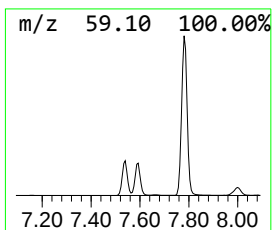
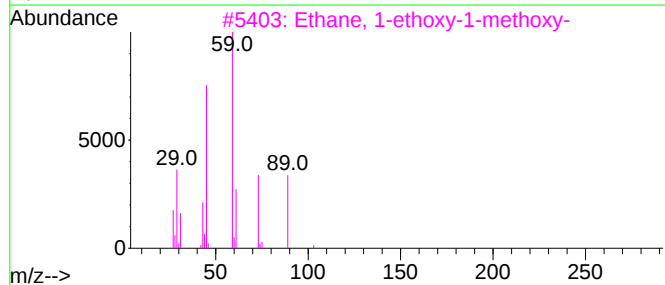
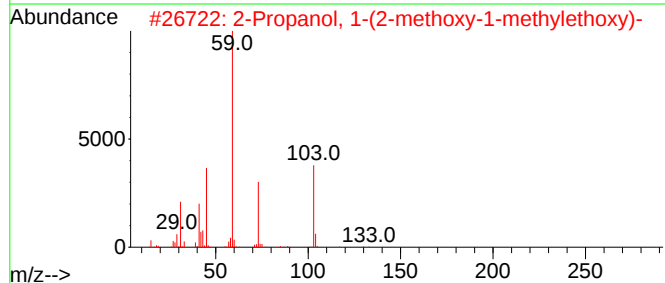
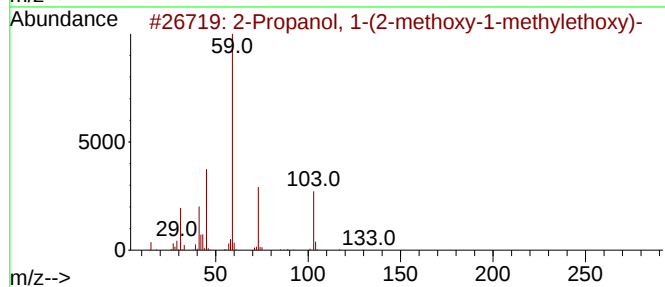
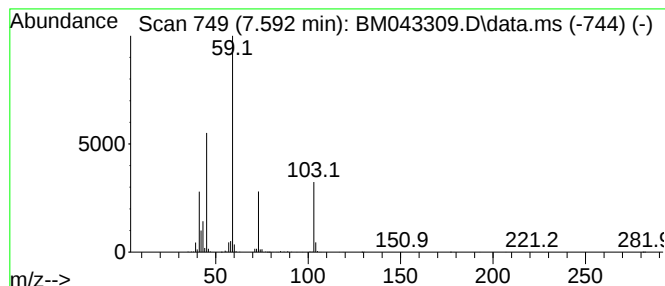
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.592	13.29 ng/ul	1420900	1,4-Dichlorobenzene-d4	7.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	78		
2	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72		
3	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	59		
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59		
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59		



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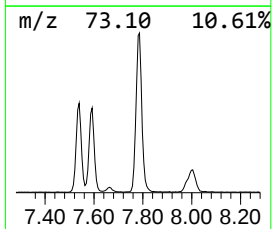
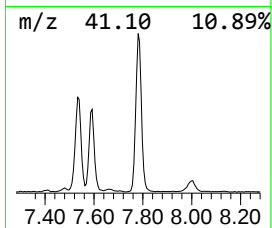
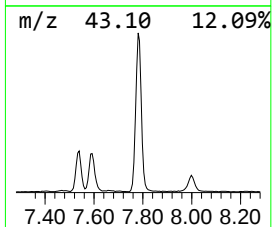
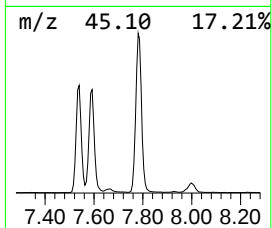
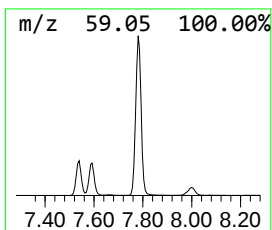
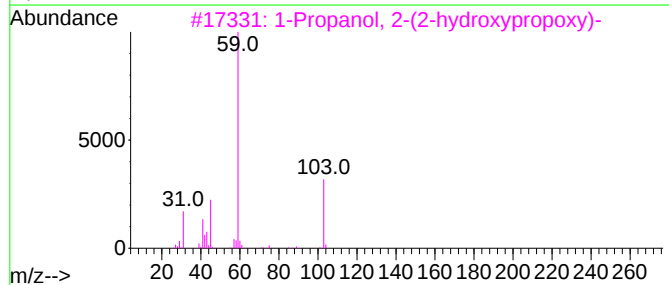
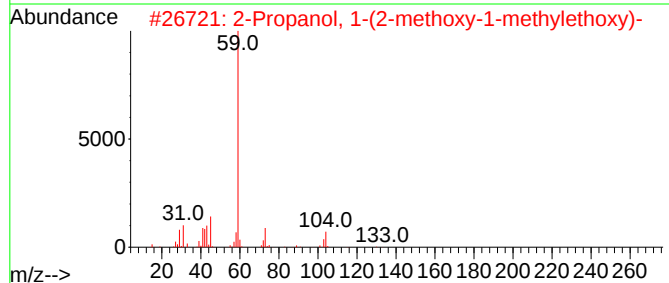
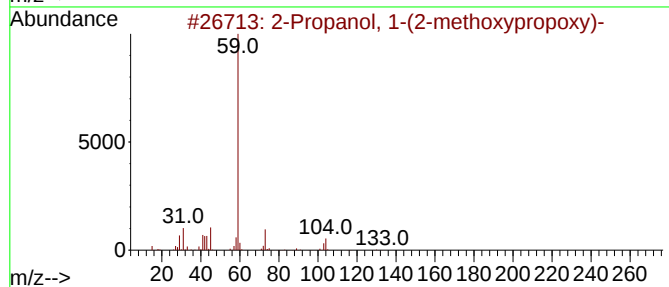
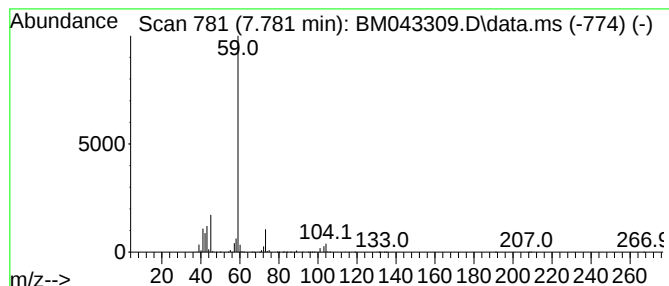
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 2-Propanol, 1-(2-methoxypro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.781	43.93 ng/ul	4695010	1,4-Dichlorobenzene-d4	7.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	83		
2	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	74		
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64		
4	Dipropylene glycol (isomer 2)	134	C6H14O3	1000506-25-4	64		
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64		



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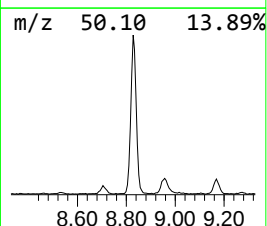
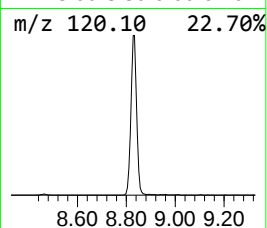
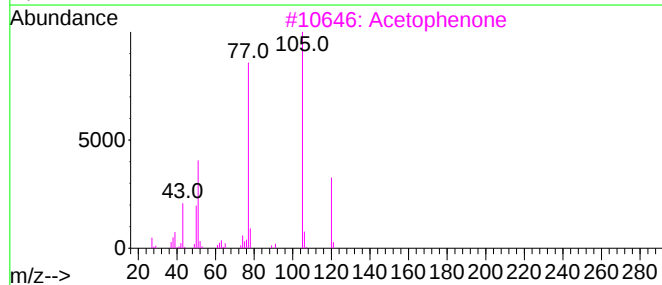
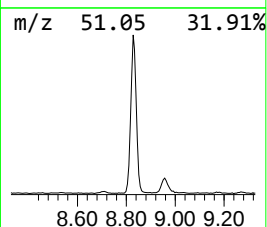
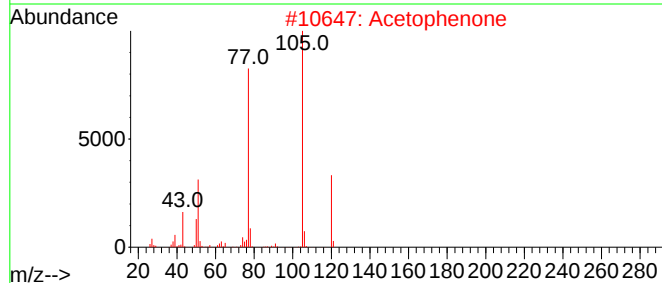
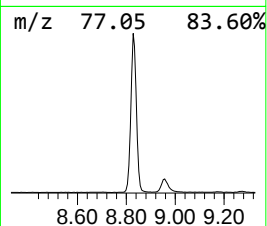
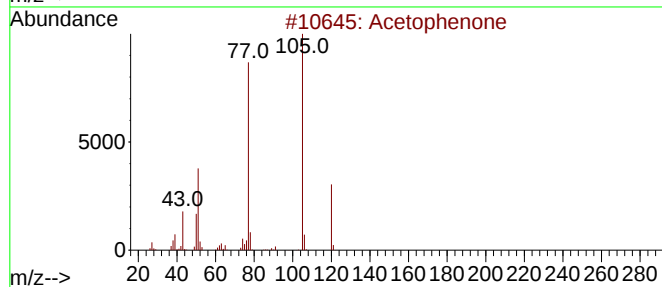
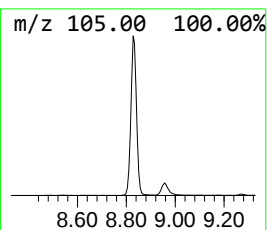
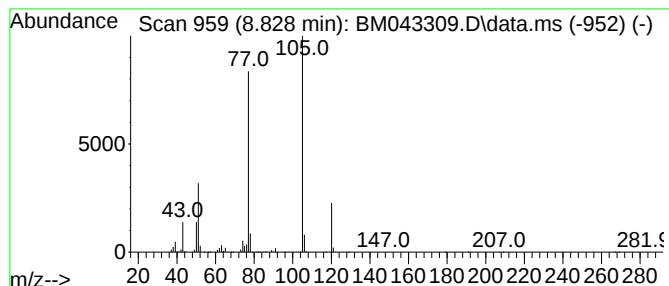
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Aceto phenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.828	25.11 ng/ul	2683790	1,4-Dichlorobenzene-d4	7.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone			120	C8H8O	000098-86-2	97
2	Acetophenone			120	C8H8O	000098-86-2	95
3	Acetophenone			120	C8H8O	000098-86-2	95
4	Acetophenone			120	C8H8O	000098-86-2	94
5	Acetophenone			120	C8H8O	000098-86-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
Operator : MA/JU
Sample : 05690-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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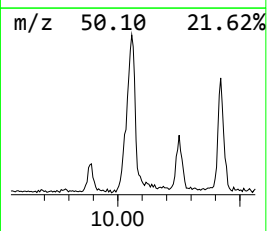
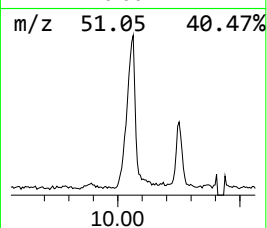
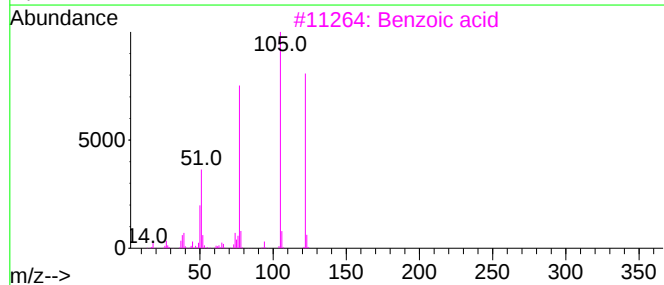
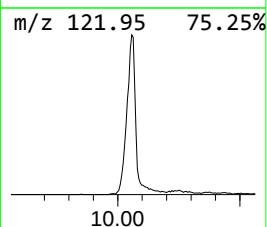
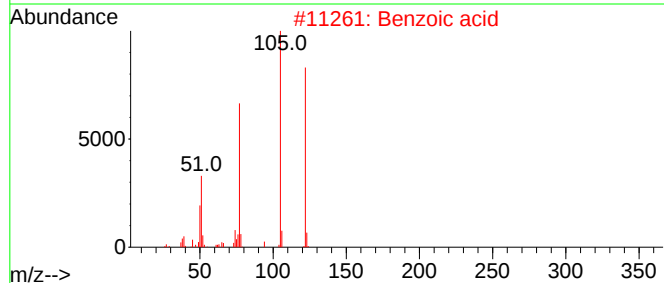
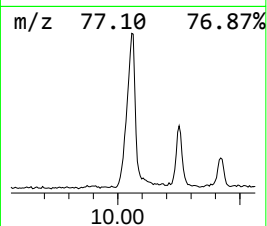
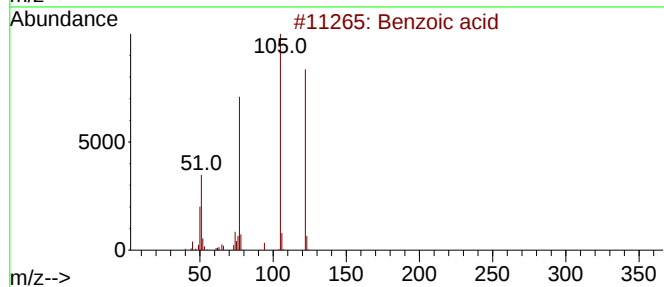
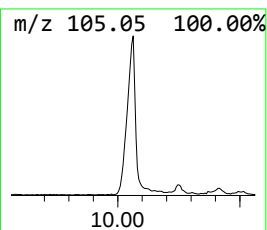
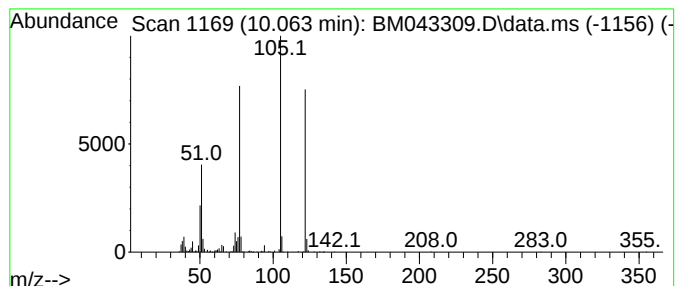
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.063	4.96 ng/ul	701070	Naphthalene-d8	10.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid	122	C7H6O2	000065-85-0	96
2			Benzoic acid	122	C7H6O2	000065-85-0	94
3			Benzoic acid	122	C7H6O2	000065-85-0	93
4			Cyclobutane-1,1-dicarboxamide, N...	382	C20H18N2O6	1000253-25-3	90
5			Heptanediamide, N,N'-di-benzoyloxy-	398	C21H22N2O6	1000253-26-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
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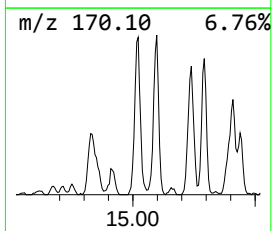
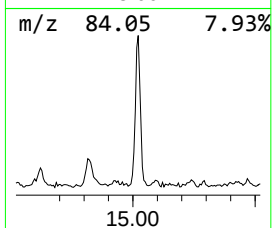
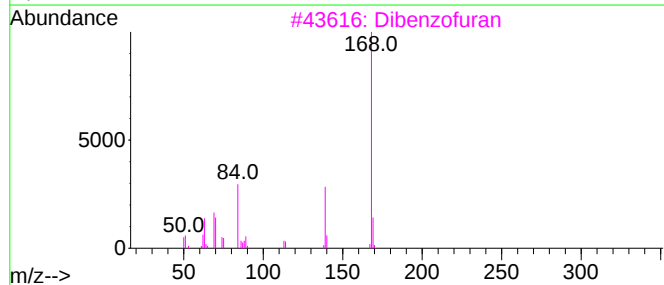
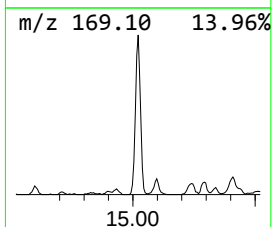
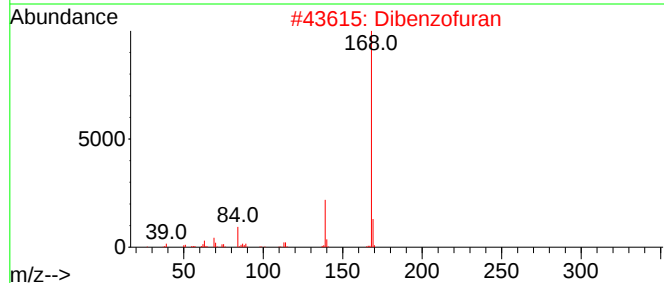
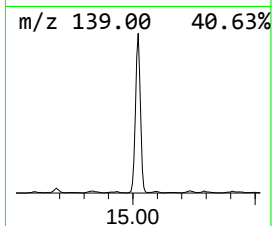
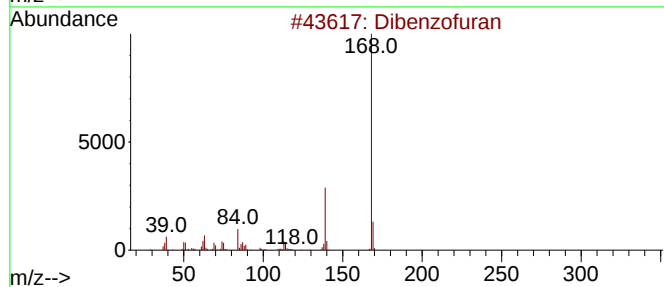
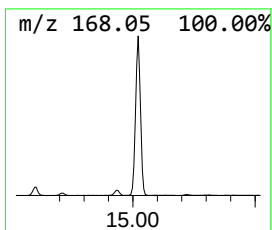
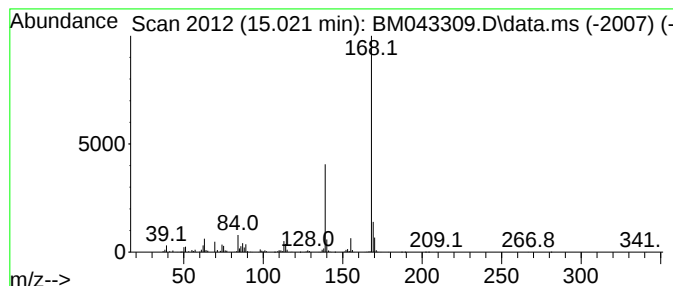
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Dibenzo furan Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.021	7.09 ng/ul	1314000	Acenaphthene-d10	14.621

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	90
2			Dibenzofuran	168	C12H8O	000132-64-9	86
3			Dibenzofuran	168	C12H8O	000132-64-9	78
4			5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	56
5			3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
Operator : MA/JU
Sample : 05690-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

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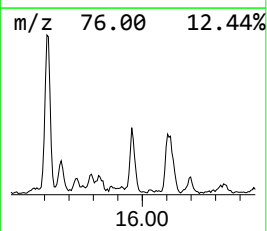
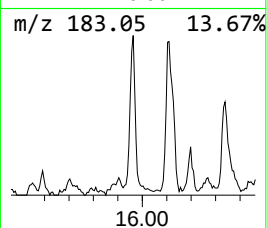
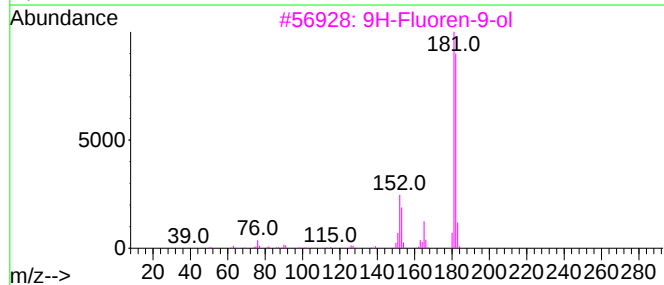
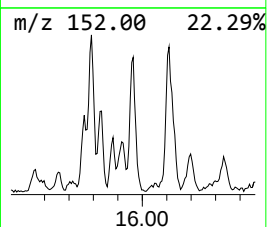
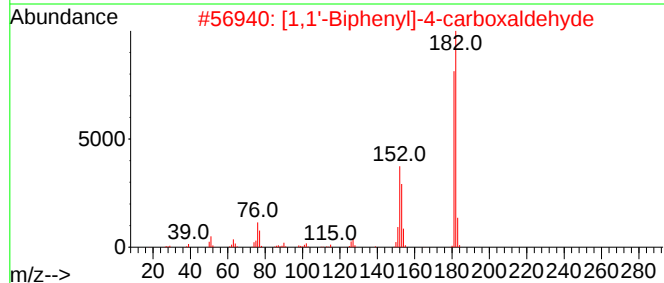
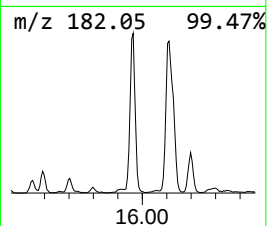
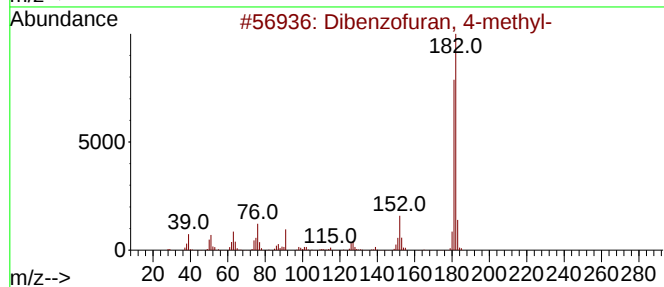
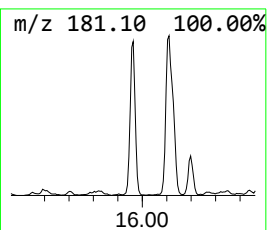
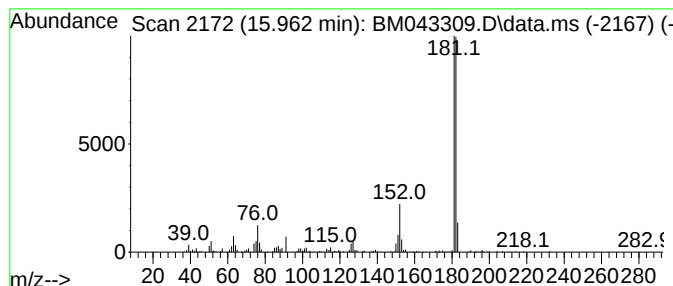
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.963	2.54 ng/ul	470880	Acenaphthene-d10	14.621

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5			9H-Xanthene	182	C13H10O	000092-83-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
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Sample : 05690-06
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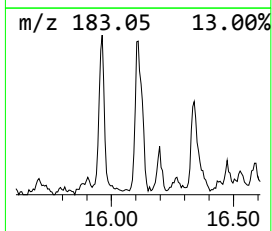
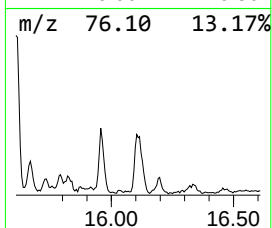
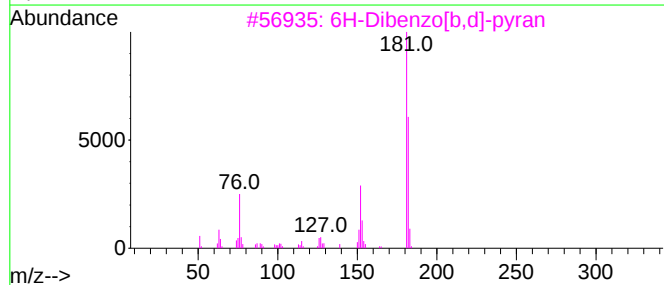
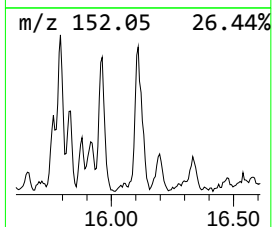
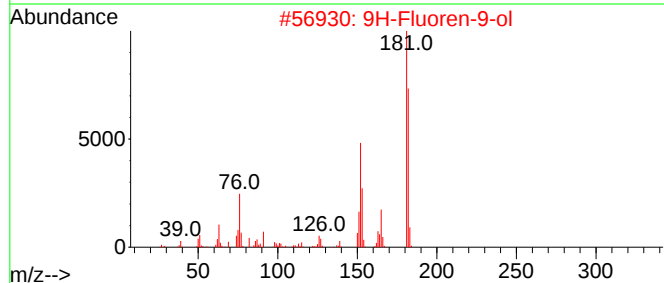
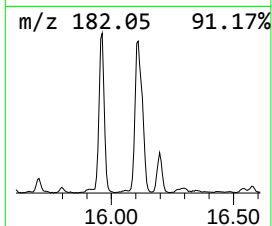
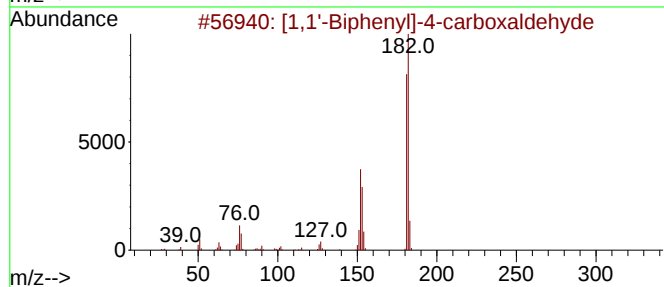
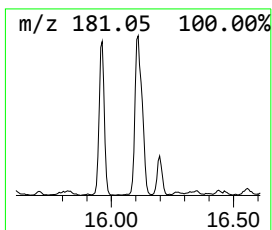
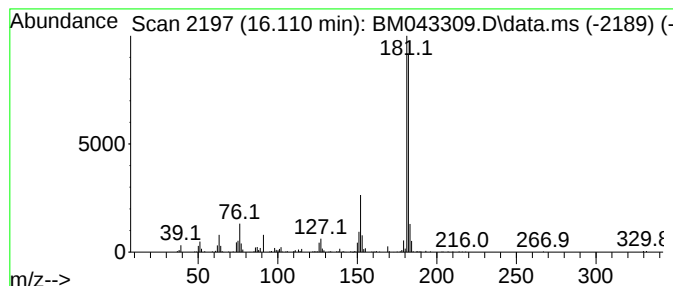
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.110	2.87 ng/ul	589537	Phenanthrene-d10	17.362

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3		6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	87
4		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
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Misc :
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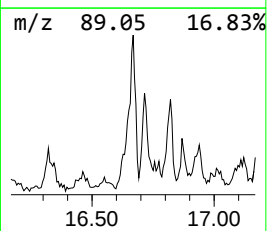
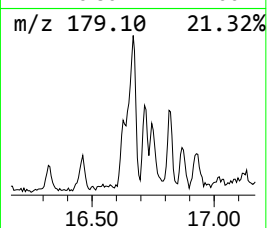
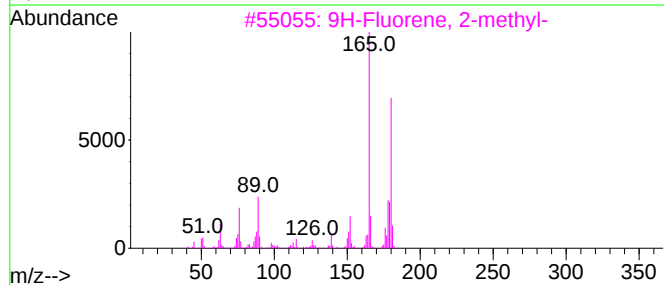
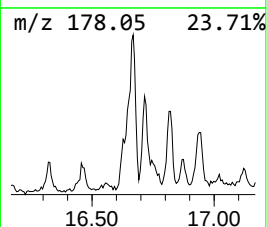
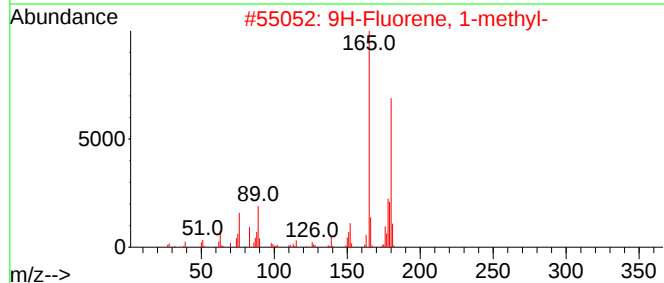
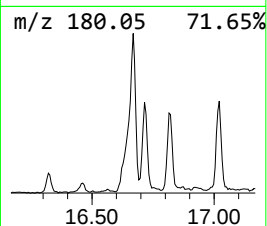
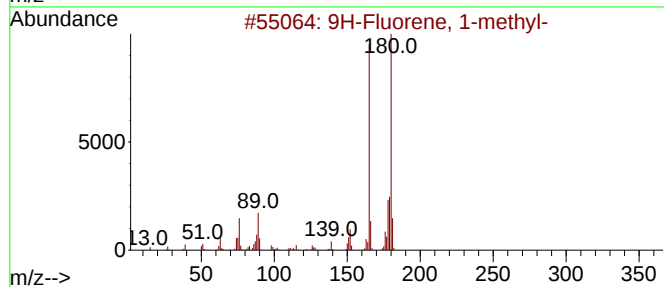
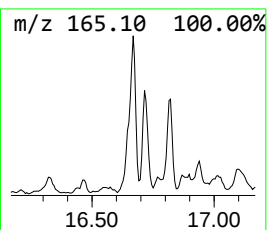
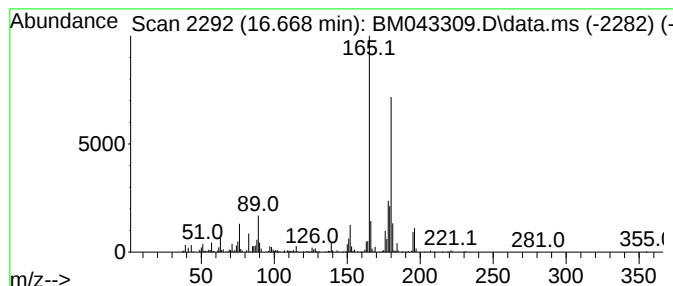
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 9H-Fluorene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.668	2.91 ng/ul	598214	Phenanthrene-d10	17.362

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-			180	C14H12	001730-37-6	98
2	9H-Fluorene, 1-methyl-			180	C14H12	001730-37-6	98
3	9H-Fluorene, 2-methyl-			180	C14H12	001430-97-3	97
4	9H-Fluorene, 2-methyl-			180	C14H12	001430-97-3	96
5	9H-Fluorene, 3-methyl-			180	C14H12	002523-39-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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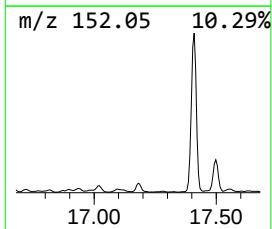
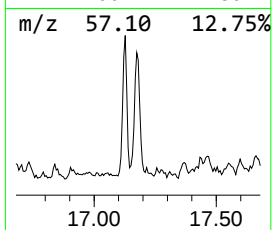
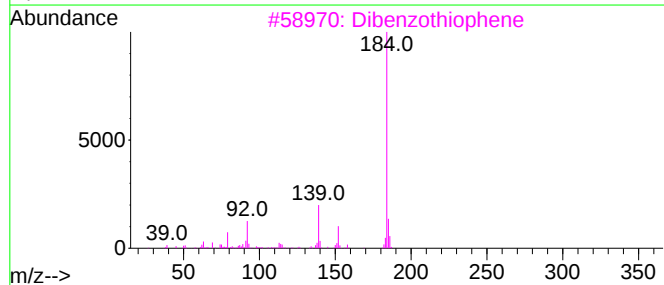
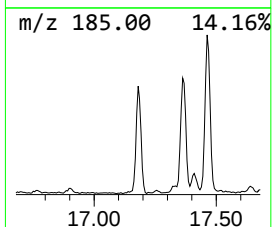
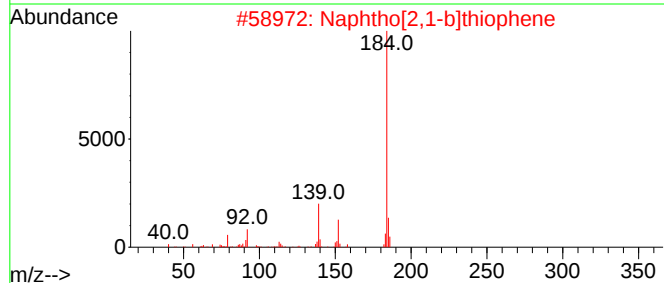
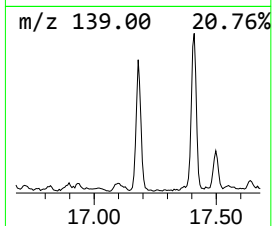
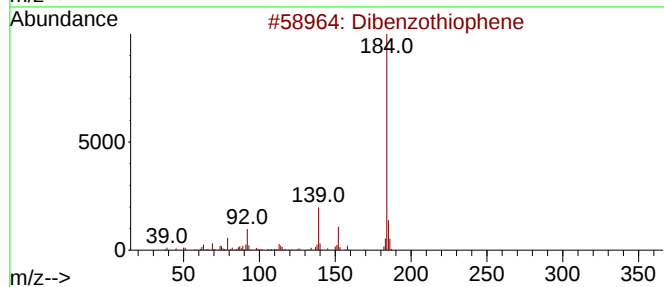
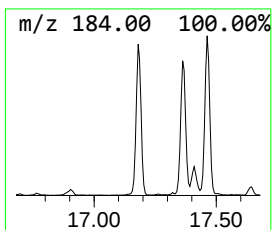
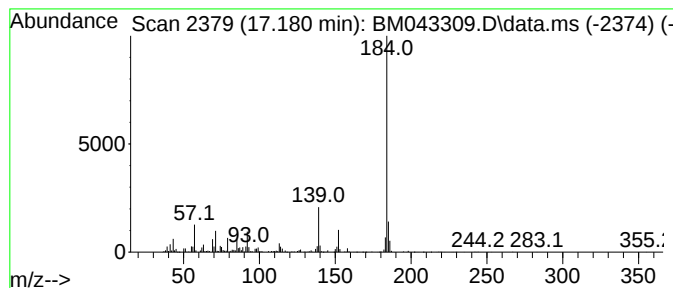
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.180	4.36 ng/ul	896368	Phenanthrene-d10	17.362

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3			Dibenzothiophene	184	C12H8S	000132-65-0	95
4			Dibenzothiophene	184	C12H8S	000132-65-0	95
5			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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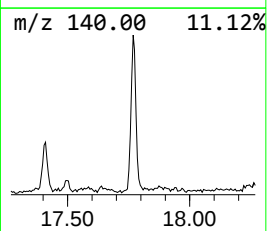
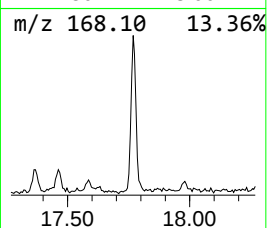
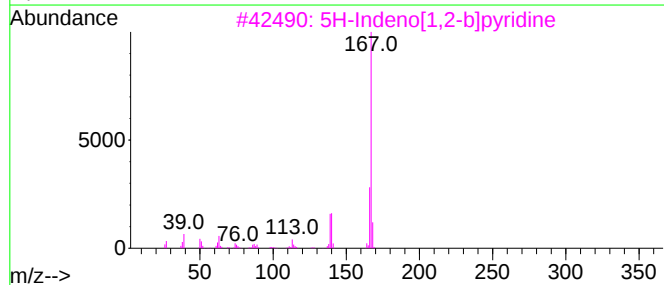
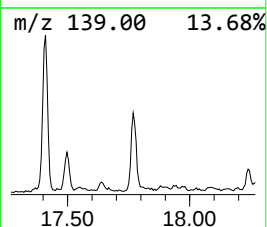
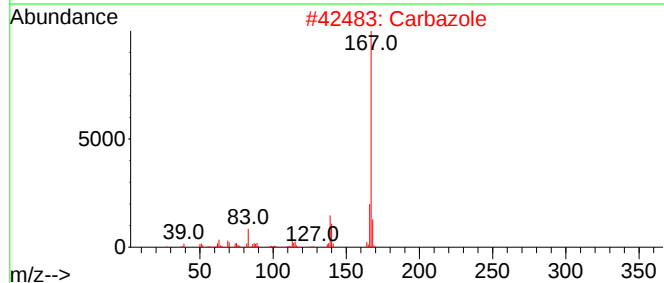
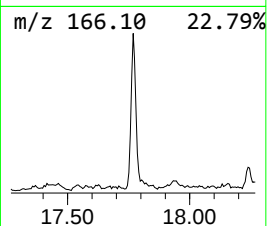
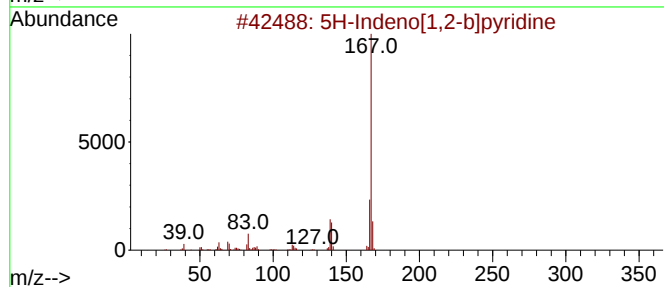
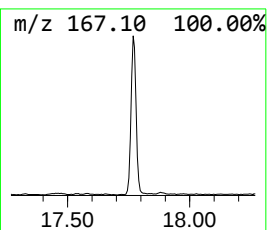
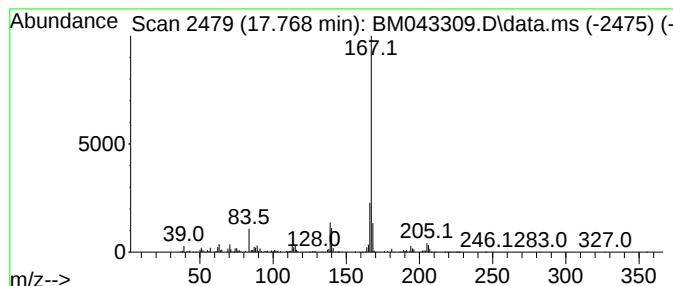
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 5H-Indeno[1,2-b]pyridine Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.768	3.38 ng/ul	694647	Phenanthrene-d10	17.362

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2		Carbazole	167	C12H9N	000086-74-8	94
3		5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
4		Carbazole	167	C12H9N	000086-74-8	87
5		1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
Operator : MA/JU
Sample : 05690-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH5

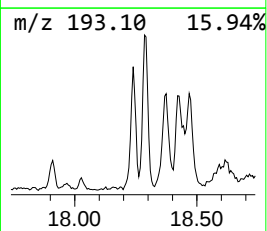
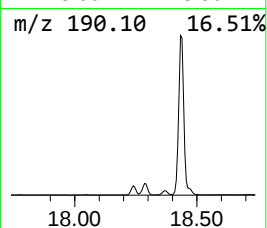
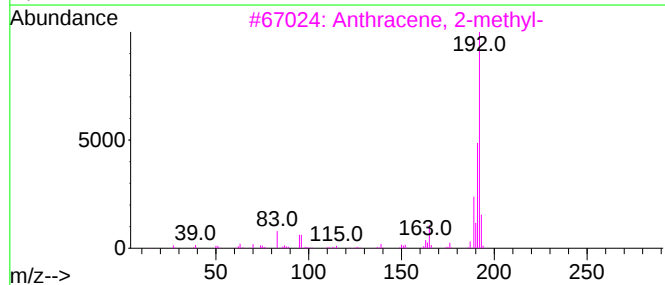
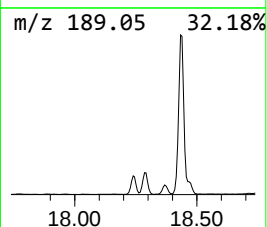
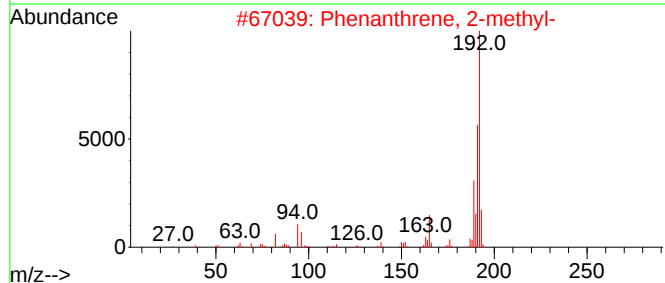
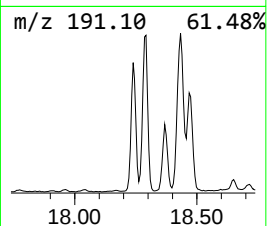
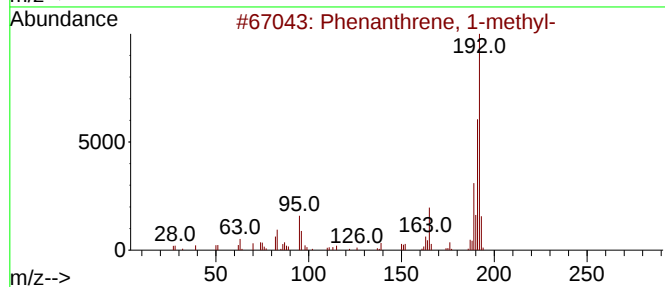
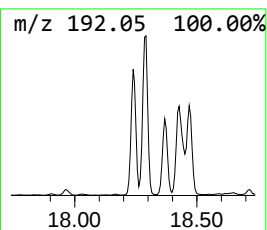
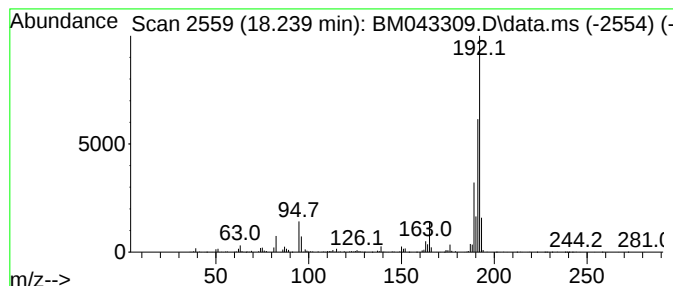
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	4.59 ng/ul	943848	Phenanthrene-d10	17.362

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
Operator : MA/JU
Sample : 05690-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

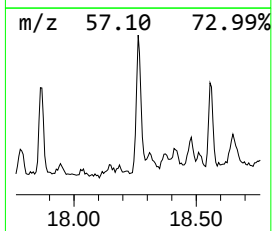
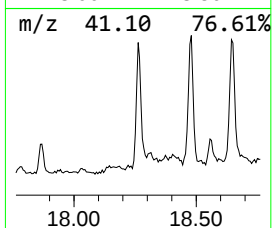
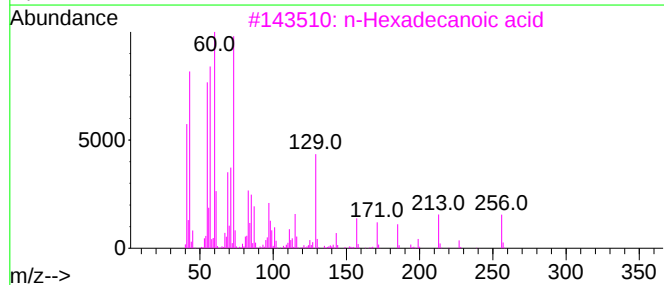
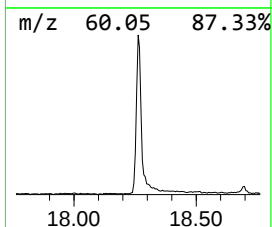
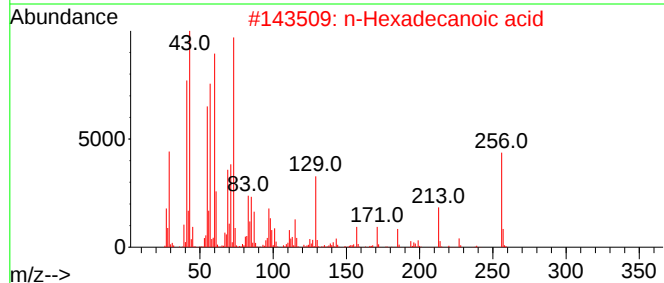
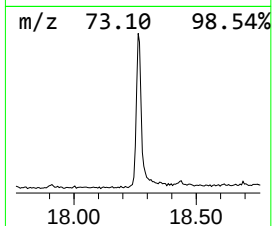
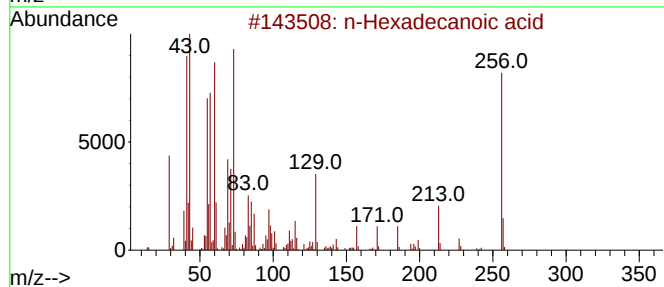
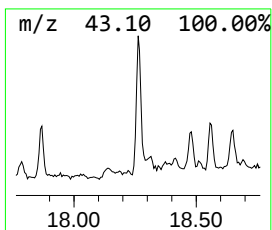
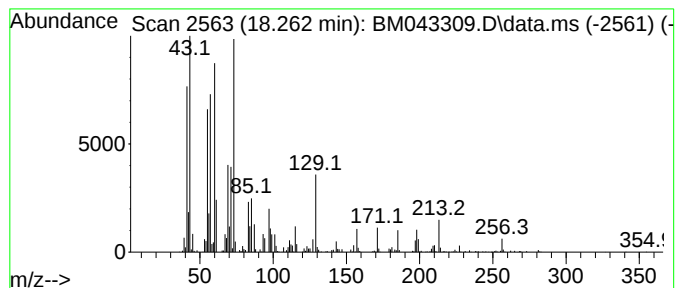
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.262	4.39 ng/ul	903004	Phenanthrene-d10	17.362	
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	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
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Sample : 05690-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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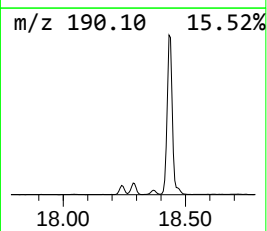
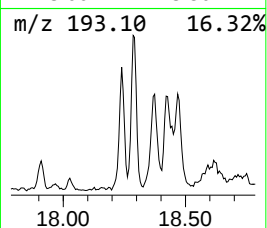
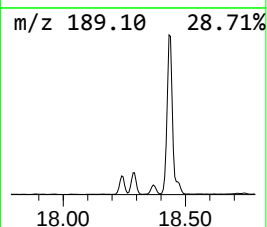
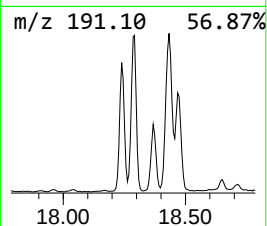
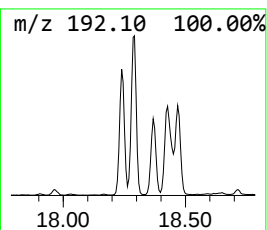
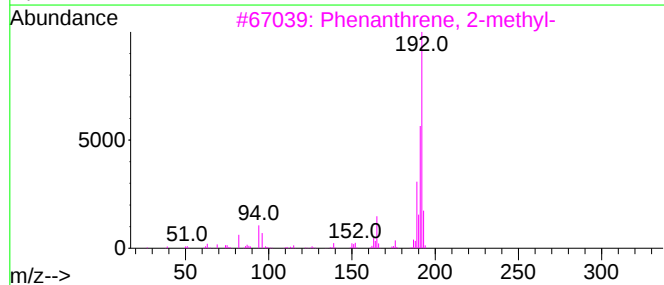
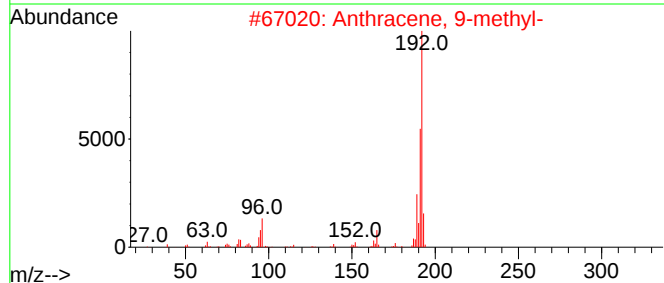
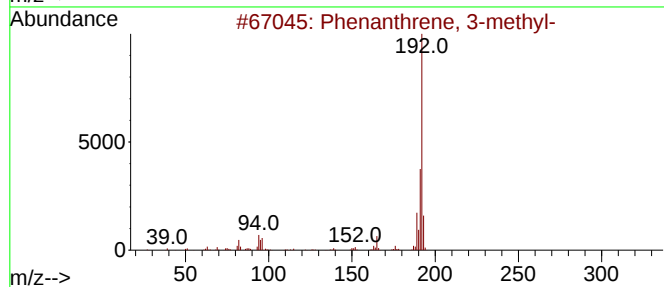
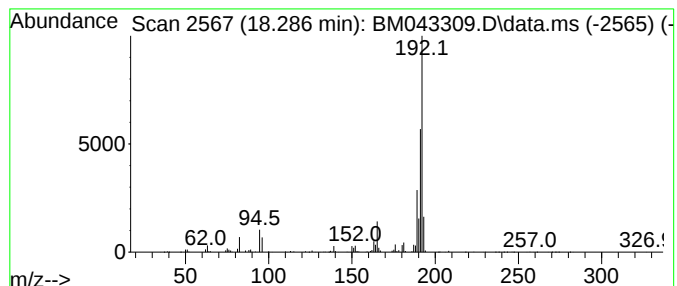
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Phenanthrene, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	6.45 ng/ul	1326570	Phenanthrene-d10	17.362

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
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ALS Vial : 5 Sample Multiplier: 1

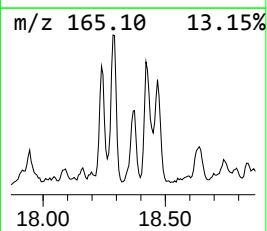
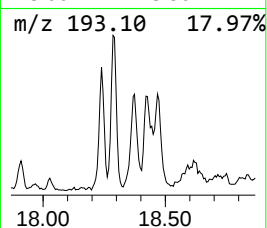
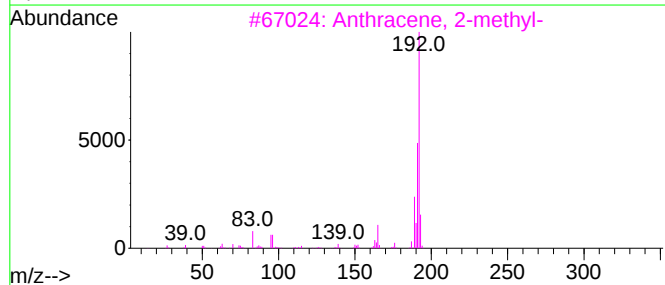
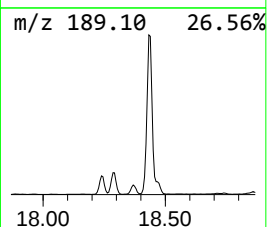
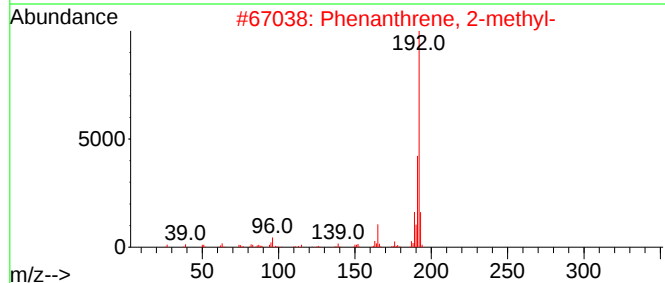
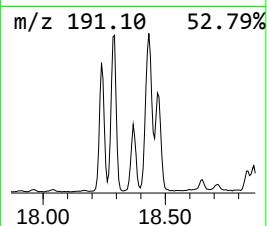
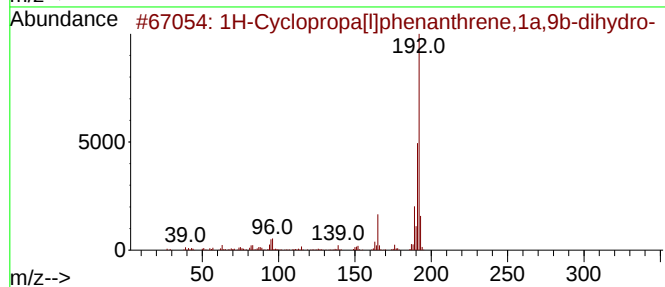
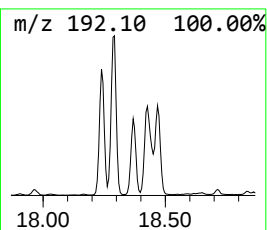
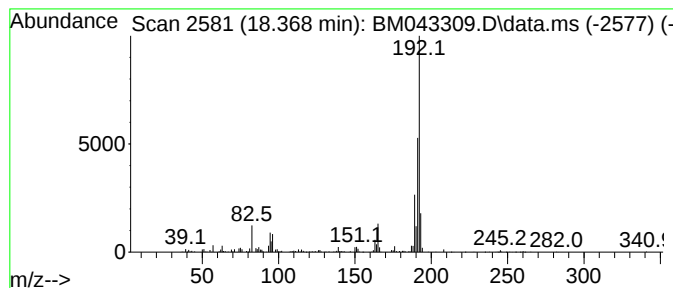
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 1H-Cyclopropa[l]phenanthren... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.368	2.98 ng/ul	611781	Phenanthrene-d10			17.362
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-		192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	96
5	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
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Operator : MA/JU
Sample : 05690-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

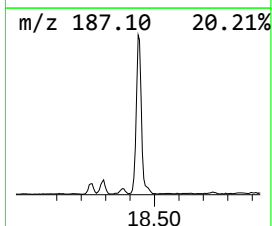
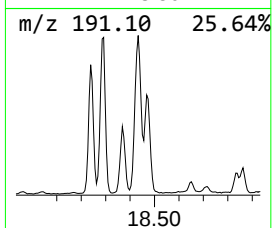
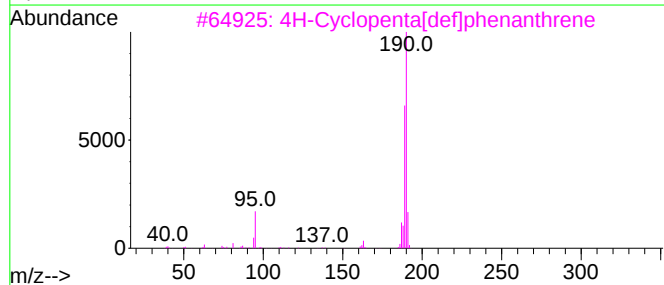
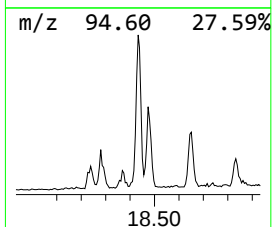
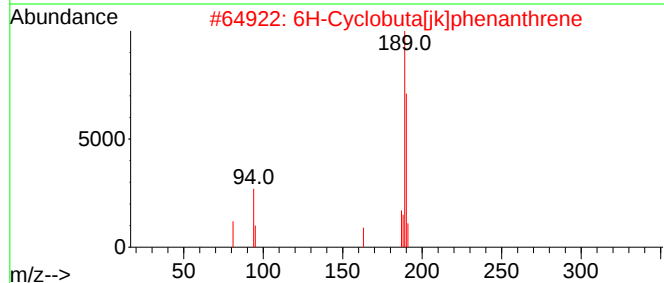
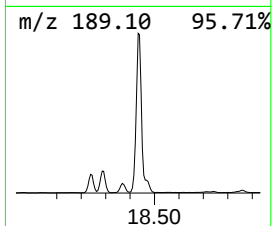
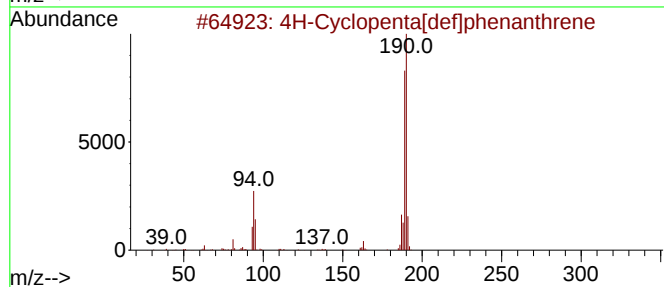
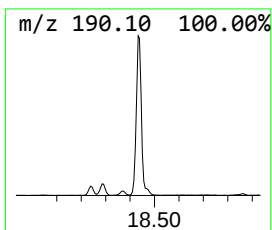
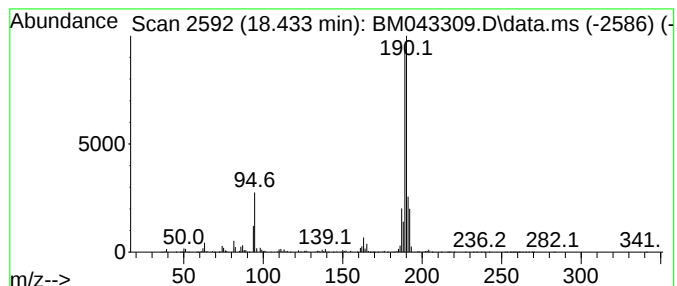
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.433	18.21 ng/ul	3743250	Phenanthrene-d10			17.362
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	59
3	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	58
4	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	55
5	Methyl diselenide		190	C2H6Se2	007101-31-7	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
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Sample : 05690-06
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Instrument :
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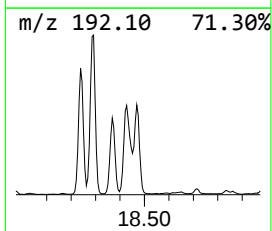
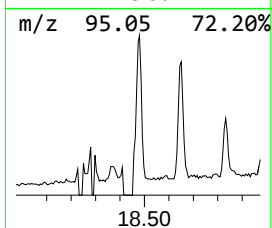
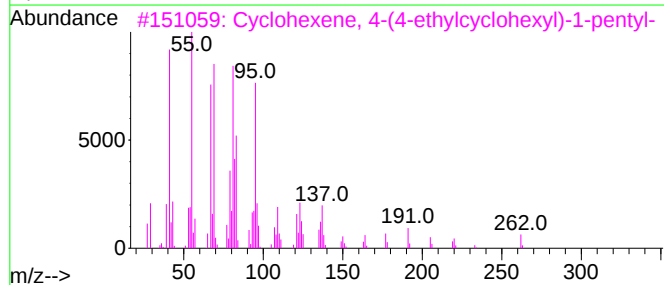
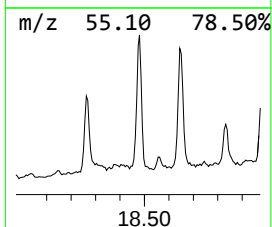
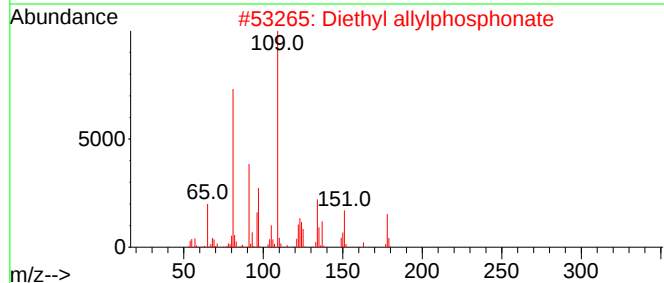
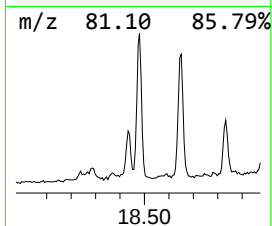
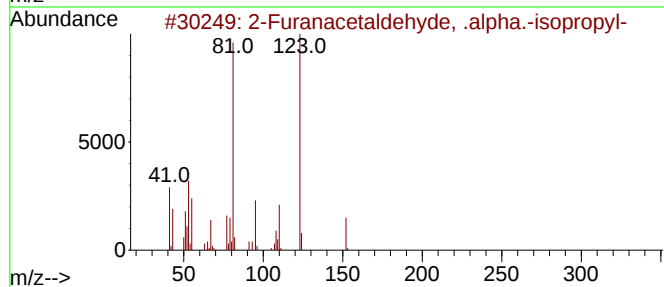
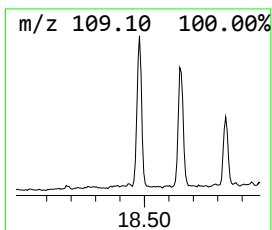
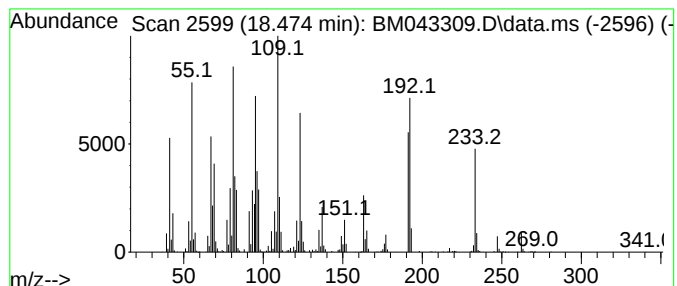
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.474	9.63 ng/ul	1979840	Phenanthrene-d10	17.362

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Furanacetaldehyde, .alpha.-iso...	152	C9H12O2	031681-30-8	27
2			Diethyl allylphosphonate	178	C7H15O3P	001067-87-4	27
3			Cyclohexene, 4-(4-ethylcyclohexy...	262	C19H34	301643-32-3	27
4			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	25
5			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
Operator : MA/JU
Sample : 05690-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCLH5

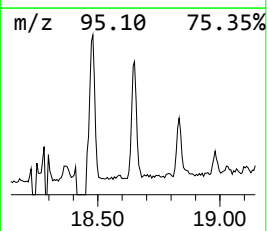
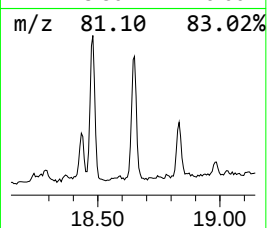
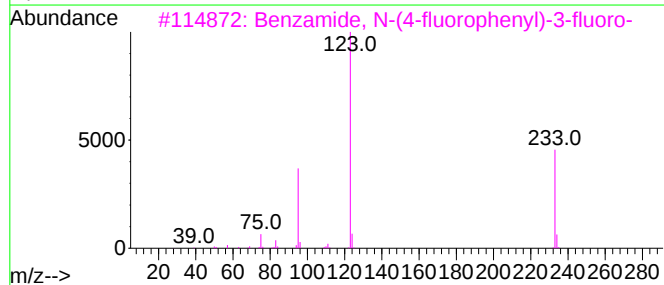
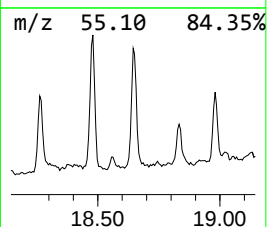
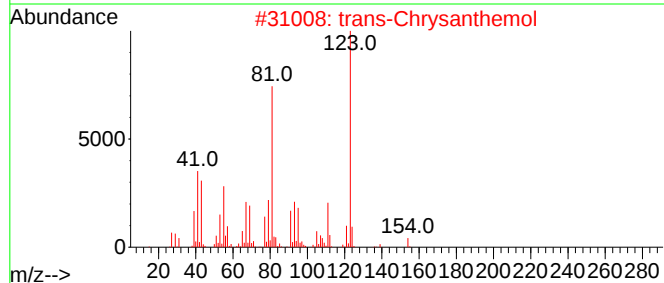
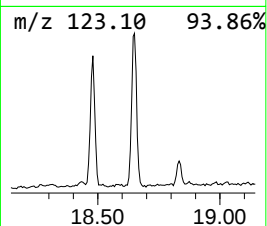
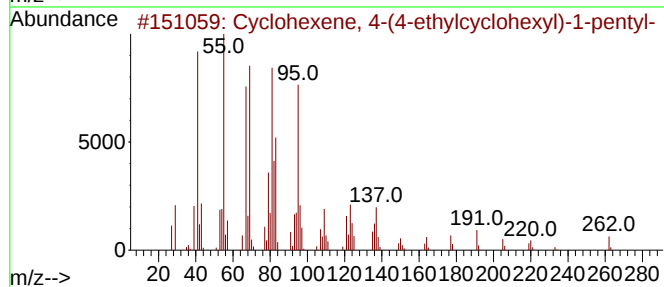
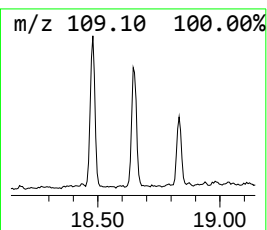
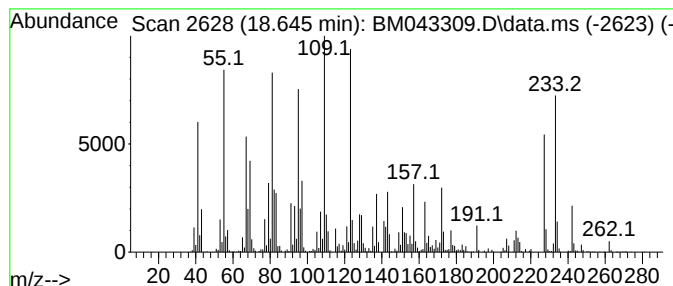
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	9.09 ng/ul	1868800	Phenanthrene-d10	17.362

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 4-(4-ethylcyclohexy...	262	C19H34	301643-32-3	42
2			trans-Chrysanthemol	154	C10H18O	018383-58-9	38
3			Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1010307-16-3	38
4			Benzamide, N-(2-fluorophenyl)-4-...	233	C13H9F2NO	1000308-30-2	38
5			1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
Operator : MA/JU
Sample : 05690-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCLH5

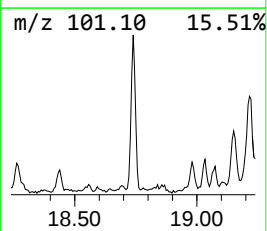
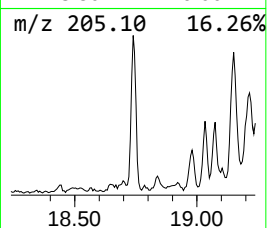
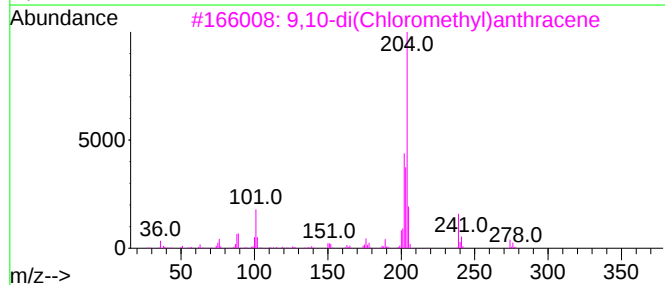
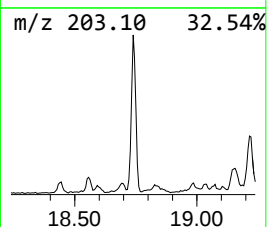
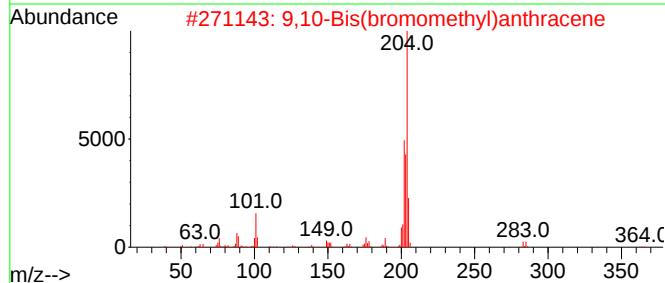
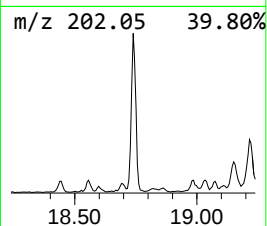
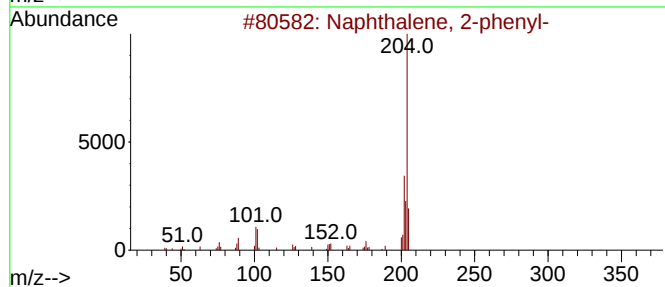
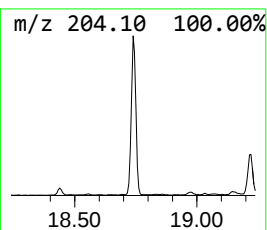
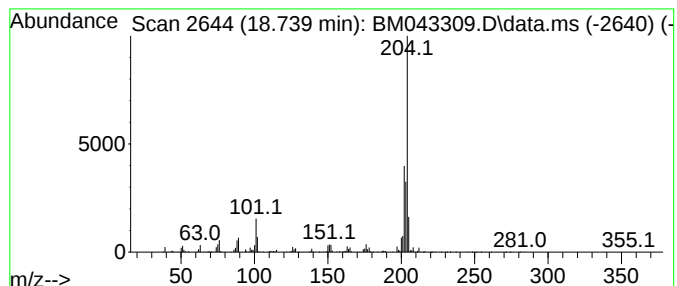
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Naphthalene, 2-phenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.739	3.87 ng/ul	796158	Phenanthrene-d10	17.362

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	91
3			9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	90
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
Operator : MA/JU
Sample : 05690-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

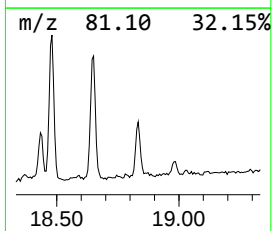
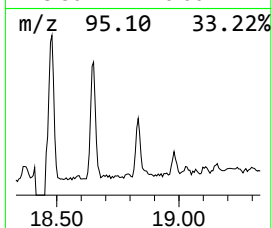
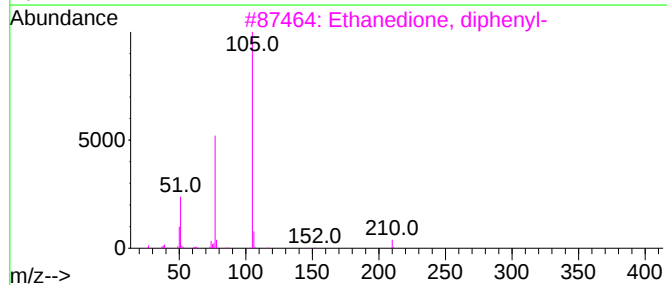
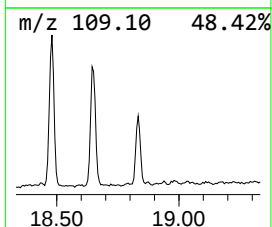
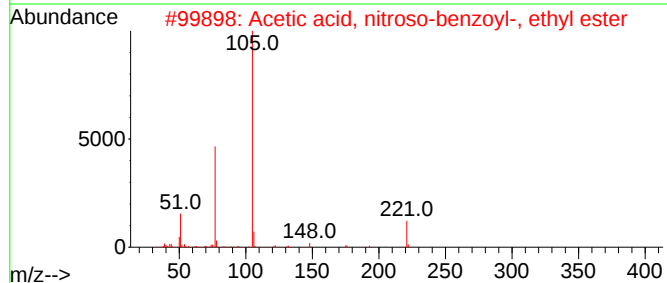
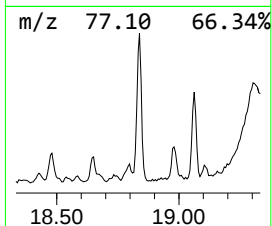
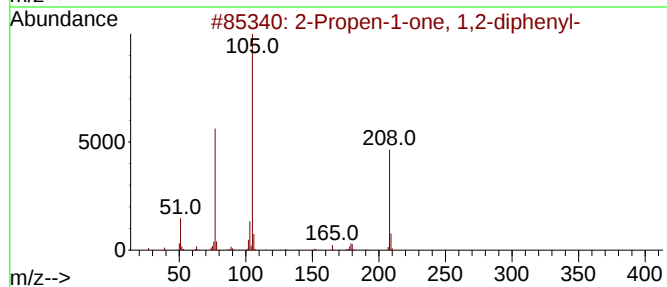
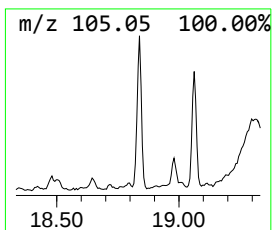
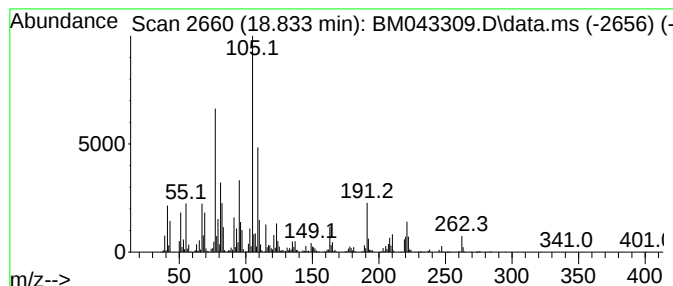
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.833	5.99 ng/ul	1231480	Phenanthrene-d10	17.362	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 1,2-diphenyl-	208	C15H12O	004452-11-3	35
2	Acetic acid, nitroso-benzoyl-, e...	221	C11H11NO4	1000261-71-7	20
3	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	18
4	Ethanone, 2-(2-ethenylphenyl)-1-...	222	C16H14O	066657-90-7	18
5	Benzoic acid, hex-2-yl ester	206	C13H18O2	1000368-22-0	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
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Operator : MA/JU
Sample : 05690-06
Misc :
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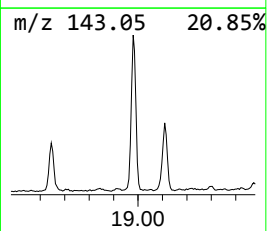
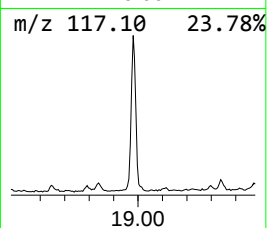
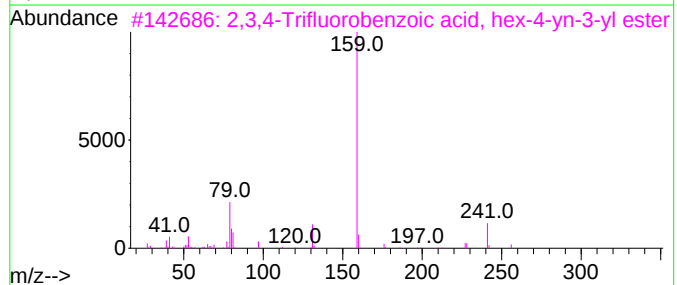
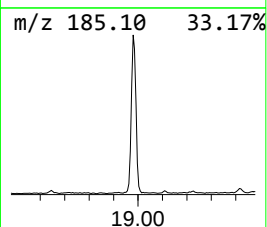
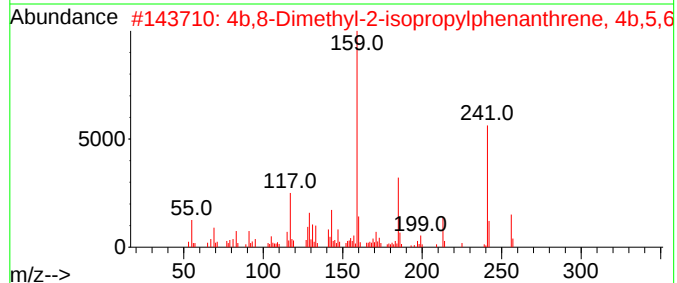
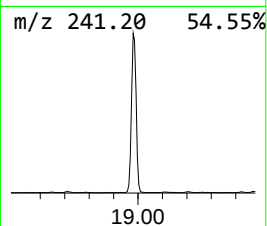
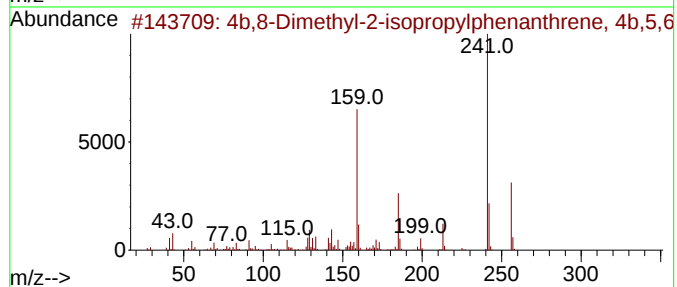
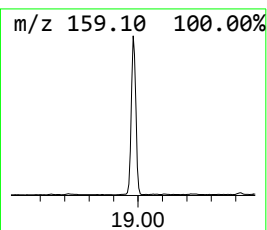
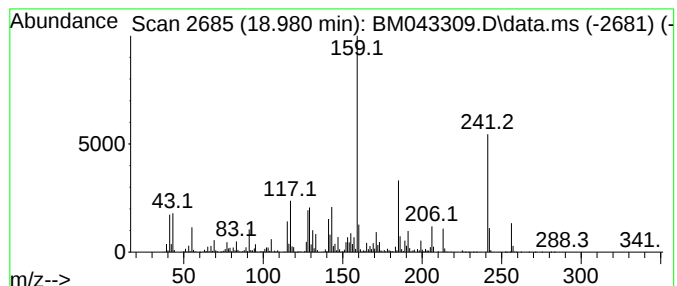
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 4b,8-Dimethyl-2-isopropylph... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.980	13.11 ng/ul	2695520	Phenanthrene-d10	17.362	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	96
2	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	90
3	2,3,4-Trifluorobenzoic acid, hex...	256	C13H11F3O2	1000292-55-4	43
4	2-Phenylpropionic acid, 4'-(2-me...	218	C14H18O2	1010454-94-3	35
5	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
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Sample : 05690-06
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ALS Vial : 5 Sample Multiplier: 1

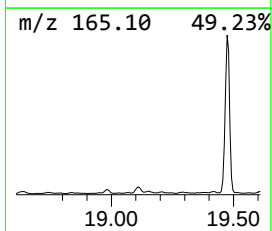
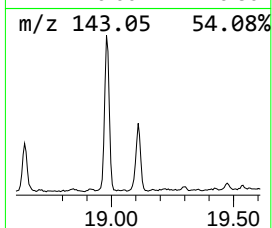
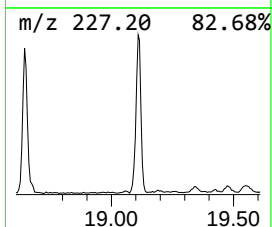
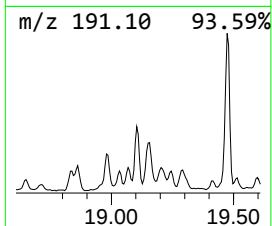
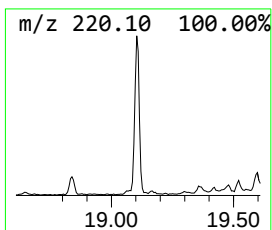
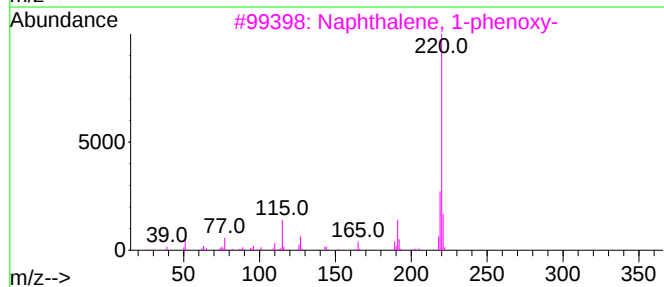
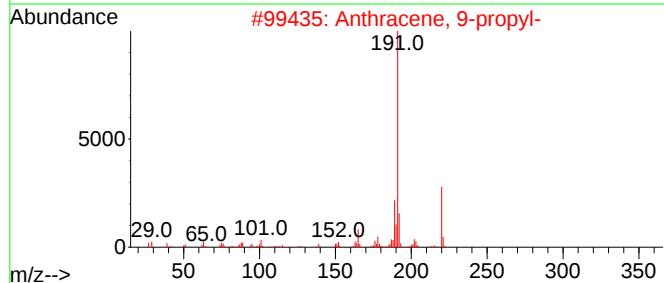
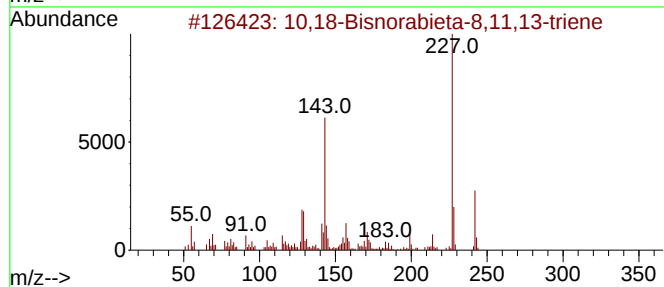
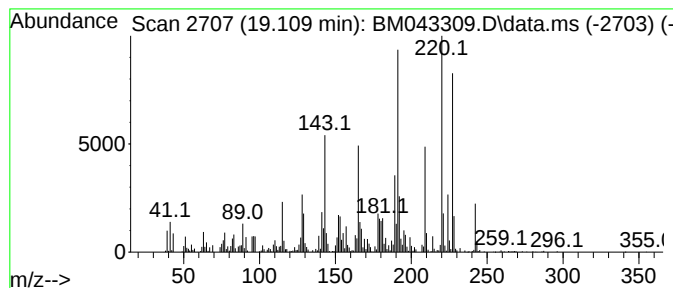
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 10,18-Bisnorabieta-8,11,13-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.109	4.21 ng/ul	864476	Phenanthrene-d10	17.362	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	64
2	Anthracene, 9-propyl-	220	C17H16	001498-77-7	45
3	Naphthalene, 1-phenoxy-	220	C16H12O	003402-76-4	45
4	10-Methylantracene-9-carboxalde...	220	C16H12O	007072-00-6	38
5	2-(2-Chlorophenyl)-1H-indole	227	C14H10ClN	023746-79-4	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
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ALS Vial : 5 Sample Multiplier: 1

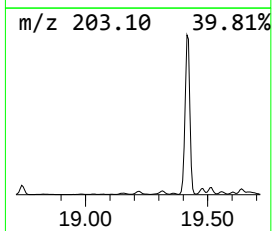
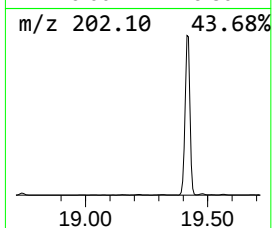
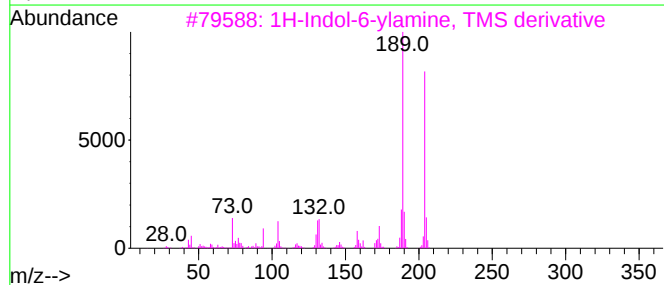
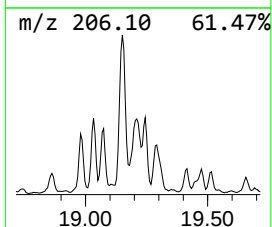
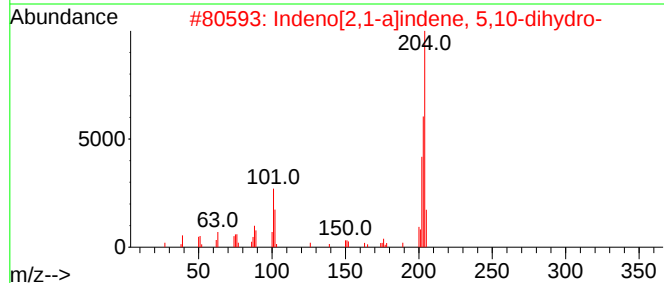
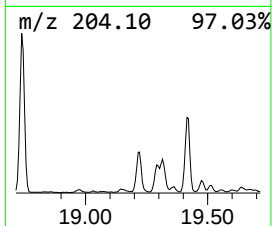
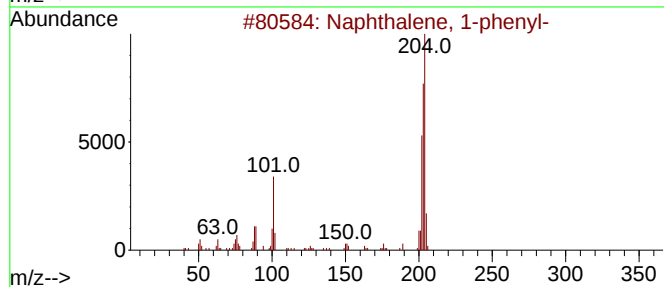
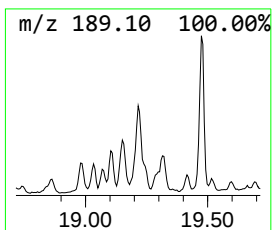
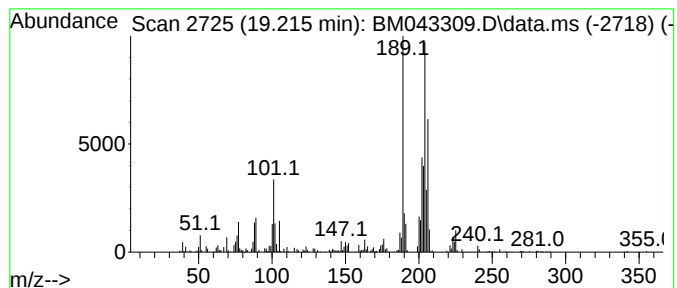
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 unknown-04 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD			R.T.
19.215	3.45 ng/ul	708626	Phenanthrene-d10			17.362
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-		204	C16H12	000605-02-7	48
2	Indeno[2,1-a]indene, 5,10-dihydro-		204	C16H12	006543-29-9	44
3	1H-Indol-6-ylamine, TMS derivative		204	C11H16N2Si	1000484-86-1	43
4	9,10-di(Chloromethyl)anthracene		274	C16H12Cl2	010387-13-0	43
5	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
Operator : MA/JU
Sample : 05690-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

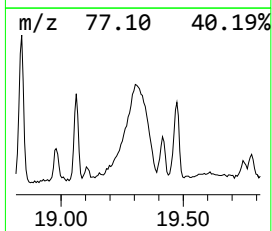
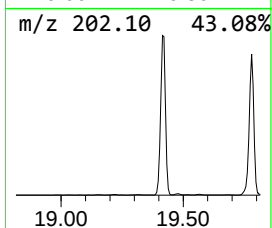
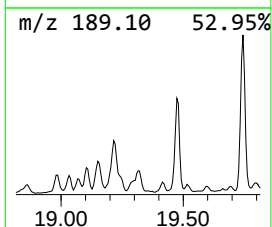
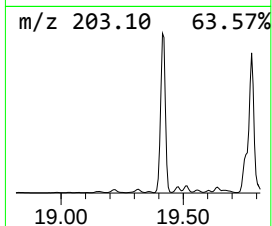
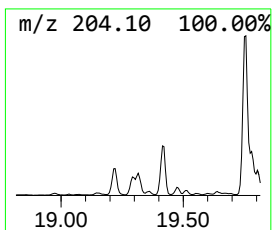
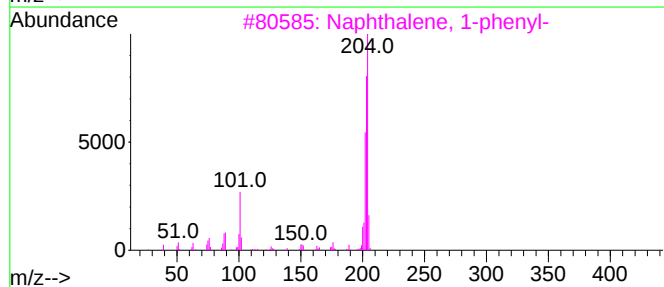
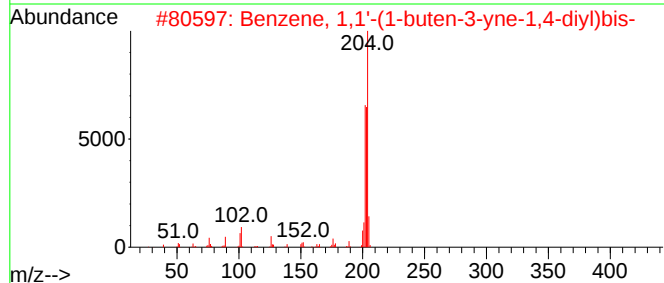
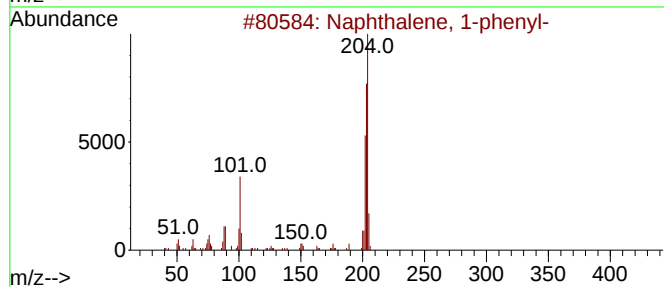
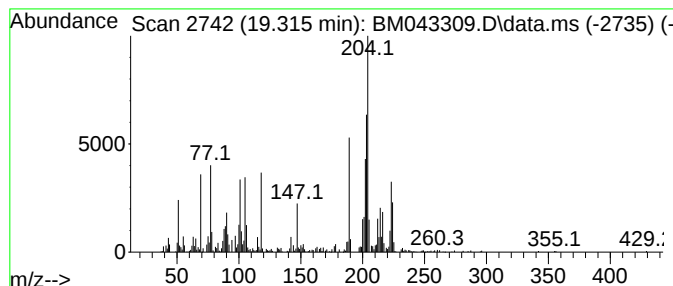
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 Naphthalene, 1-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.315	4.20 ng/ul	863615	Phenanthrene-d10		17.362	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-		204	C16H12	000605-02-7	55
2	Benzene, 1,1'-(1-buten-3-yne-1,4...		204	C16H12	013141-45-2	55
3	Naphthalene, 1-phenyl-		204	C16H12	000605-02-7	42
4	2-Acetyl-3,5-dimethylbenzo(b)thi...		204	C12H12OS	006179-05-1	42
5	Indeno[2,1-a]indene, 5,10-dihydro-		204	C16H12	006543-29-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
Operator : MA/JU
Sample : 05690-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

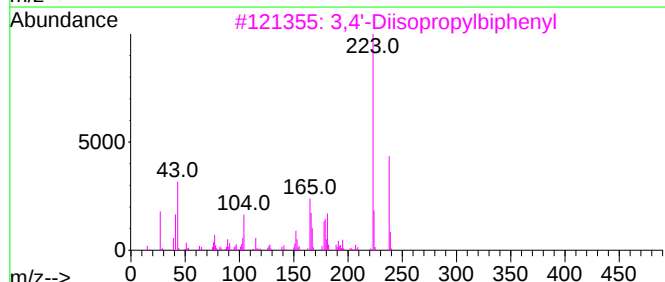
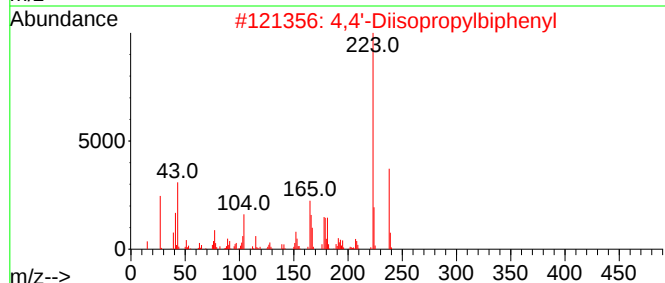
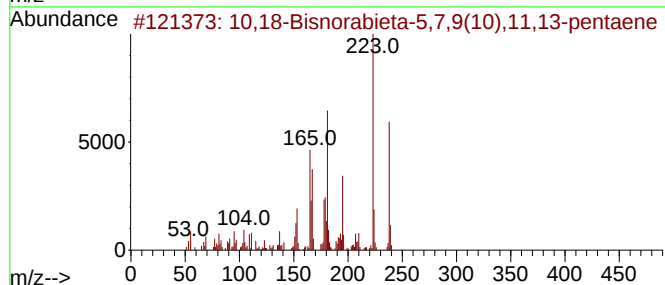
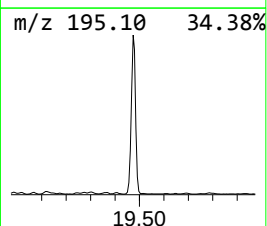
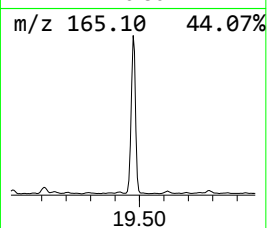
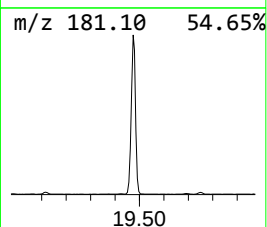
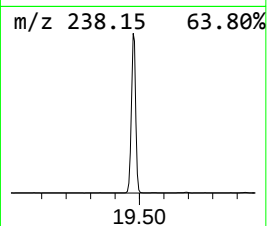
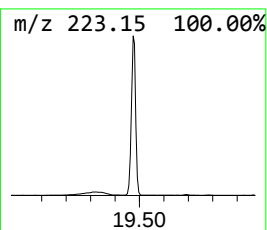
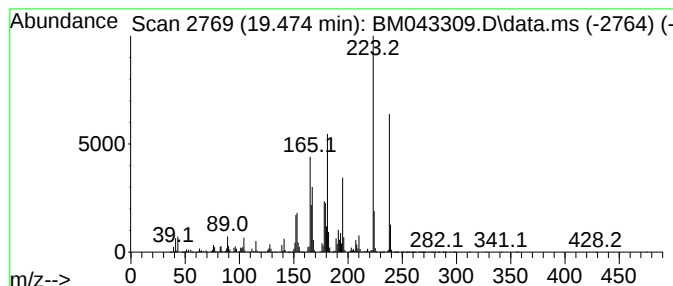
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.474	21.77 ng/ul	12442100	Chrysene-d12	21.533	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55
3	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	50
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
5	cyclopropanone, 2-(4-methoxyphen...	238	C16H14O2	1000401-16-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
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Sample : 05690-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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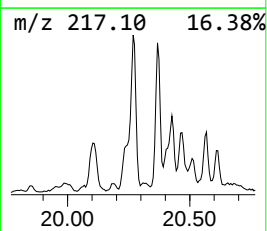
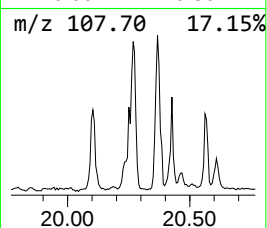
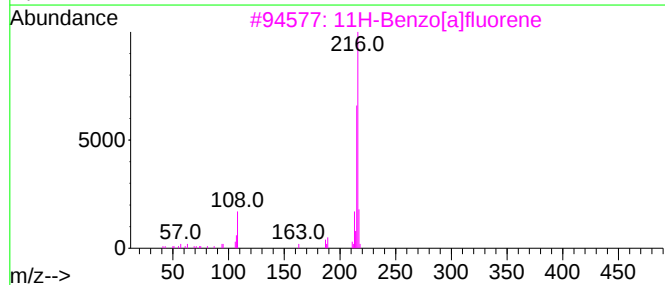
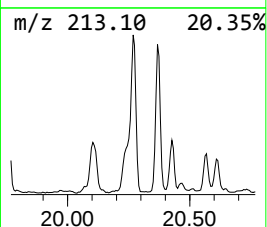
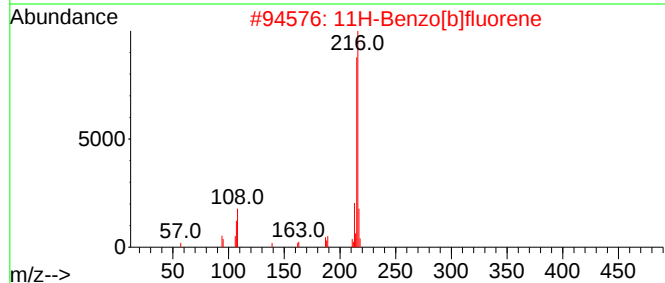
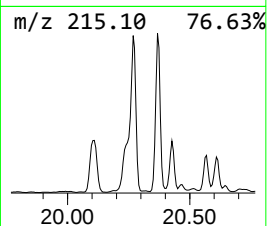
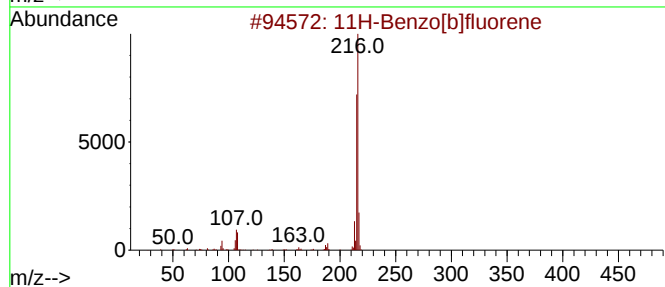
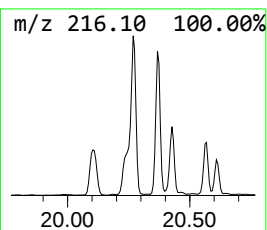
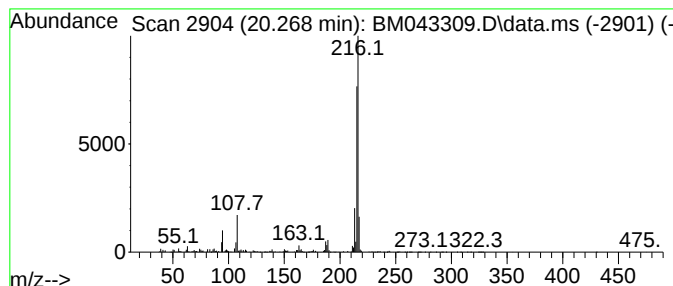
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 11H-Benzo[b]fluorene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.268	3.92 ng/ul	2243120	Chrysene-d12	21.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
Operator : MA/JU
Sample : 05690-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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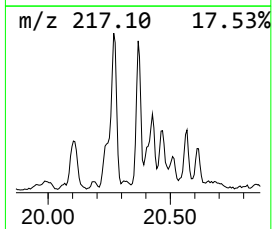
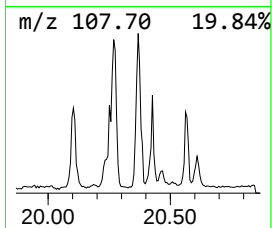
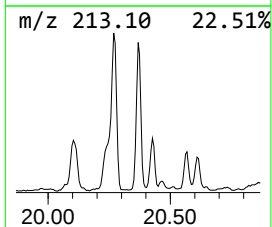
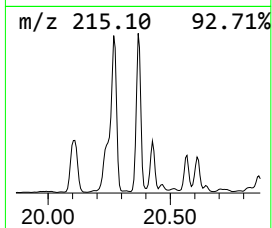
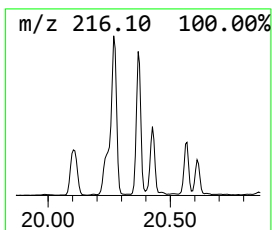
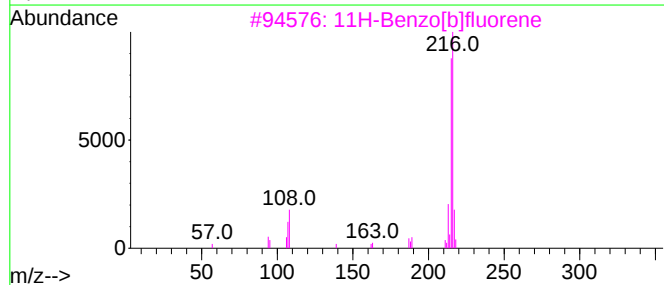
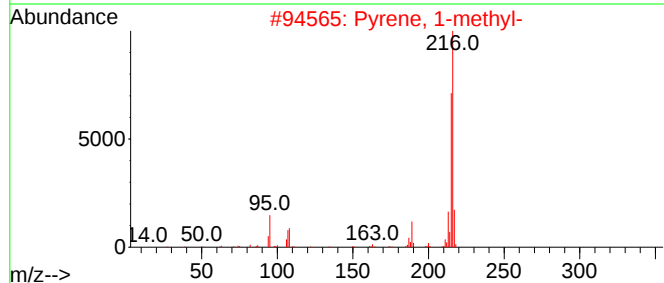
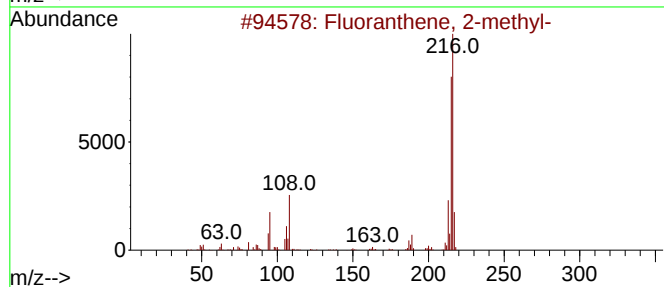
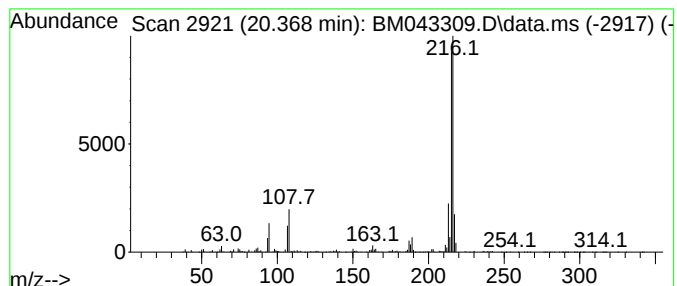
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Fluoranthene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.368	3.78 ng/ul	2158030	Chrysene-d12	21.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
Operator : MA/JU
Sample : 05690-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
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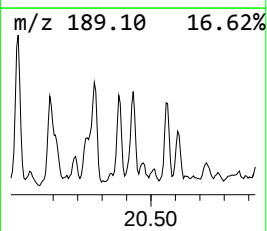
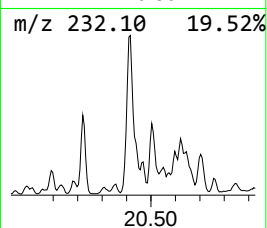
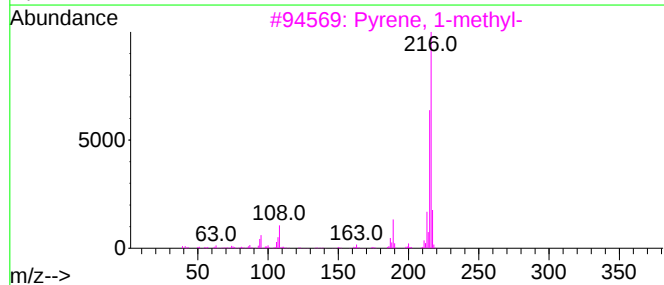
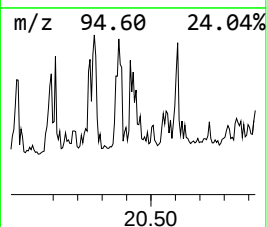
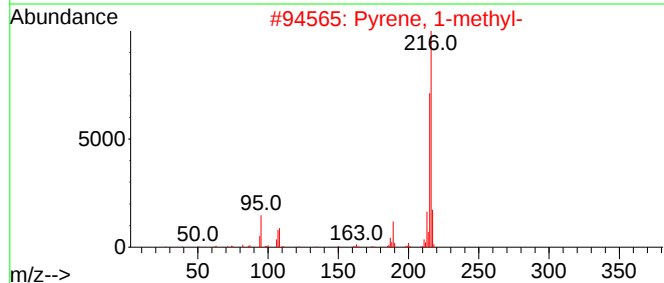
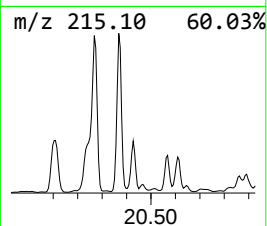
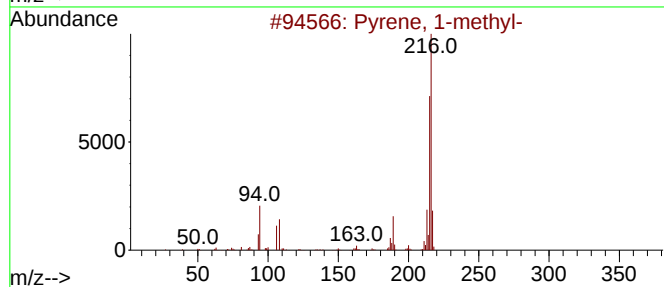
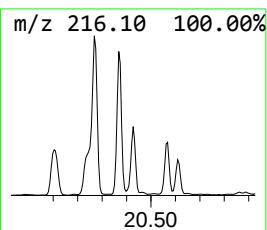
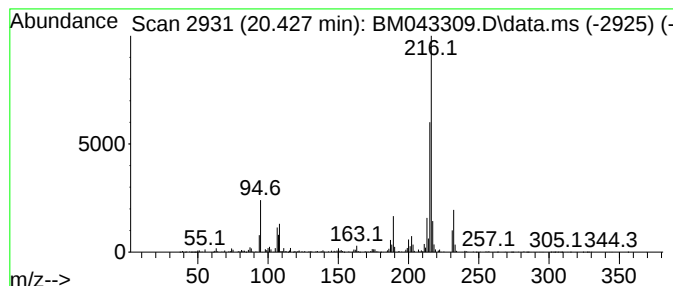
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Pyrene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.427	2.64 ng/ul	1509740	Chrysene-d12	21.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12		002381-21-7	96
2	Pyrene, 1-methyl-		216	C17H12		002381-21-7	95
3	Pyrene, 1-methyl-		216	C17H12		002381-21-7	93
4	Pyrene, 1-methyl-		216	C17H12		002381-21-7	92
5	Pyrene, 4-methyl-		216	C17H12		003353-12-6	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
Operator : MA/JU
Sample : 05690-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

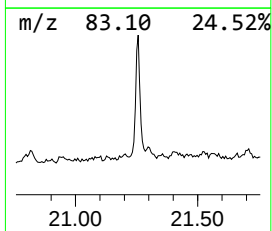
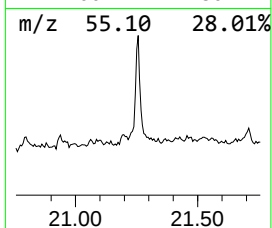
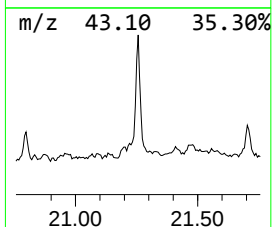
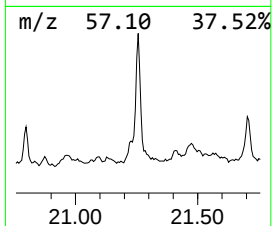
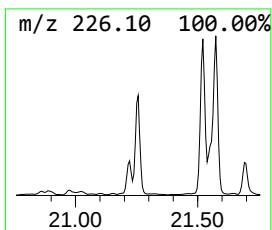
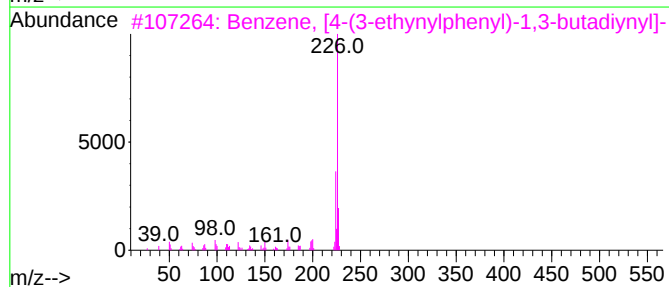
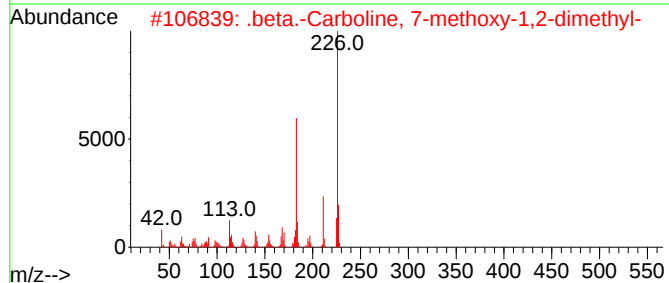
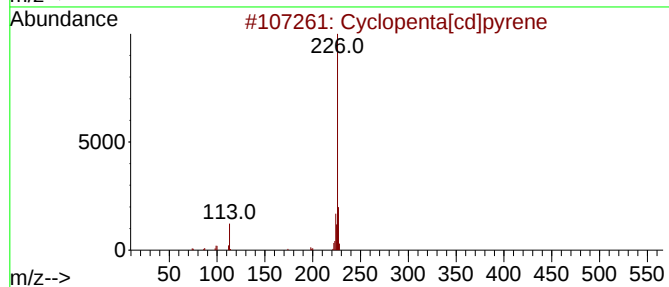
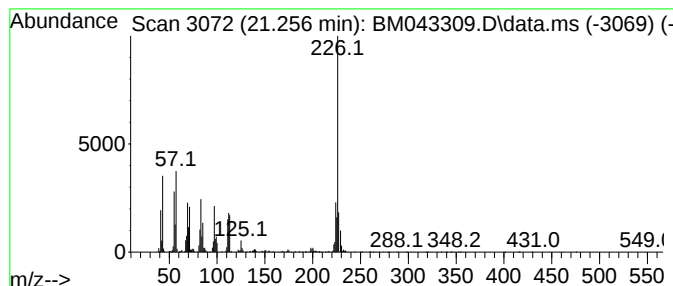
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 33 unknown-05 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD			R.T.
21.256	3.99 ng/ul	2282550	Chrysene-d12			21.533
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene		226	C18H10	027208-37-3	49
2	.beta.-Carboline, 7-methoxy-1,2-...		226	C14H14N2O	006519-18-2	47
3	Benzene, [4-(3-ethynylphenyl)-1,...		226	C18H10	1000115-87-3	46
4	benzenamine, 4-(2-benzothiazolyl)-		226	C13H10N2S	1000400-93-4	43
5	4-Naphthalen-2-yl-thiazol-2-ylamine		226	C13H10N2S	1000300-53-4	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
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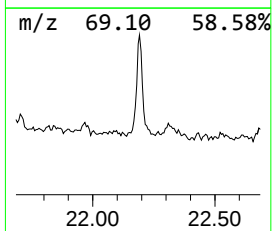
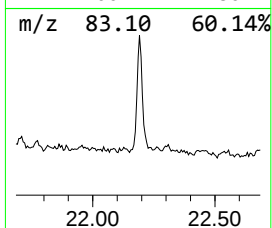
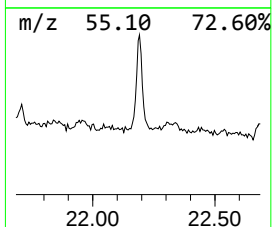
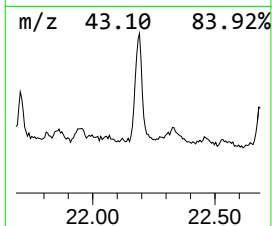
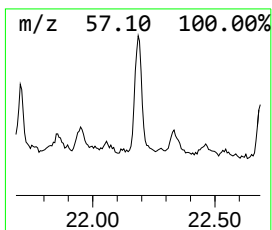
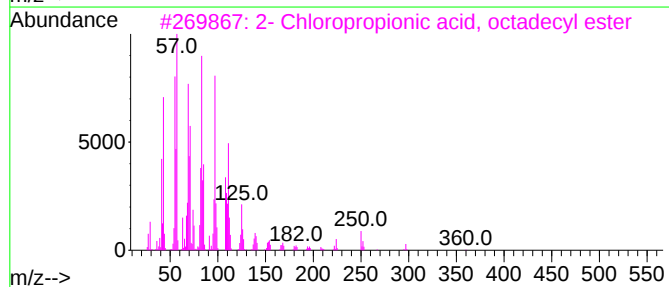
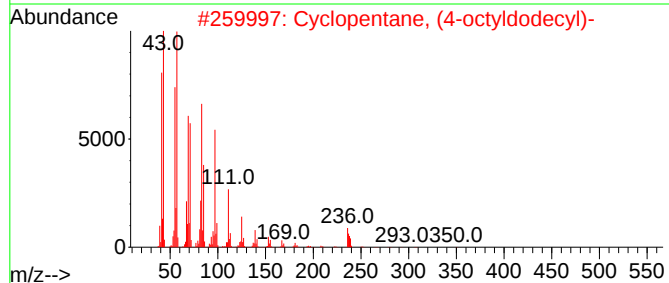
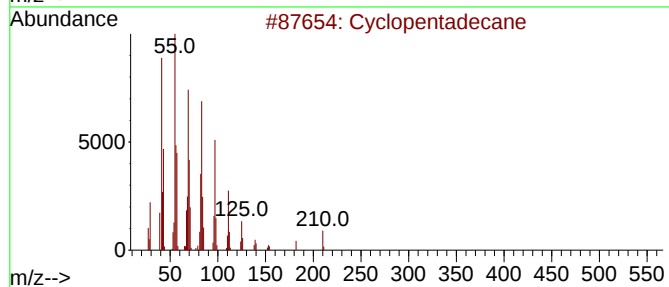
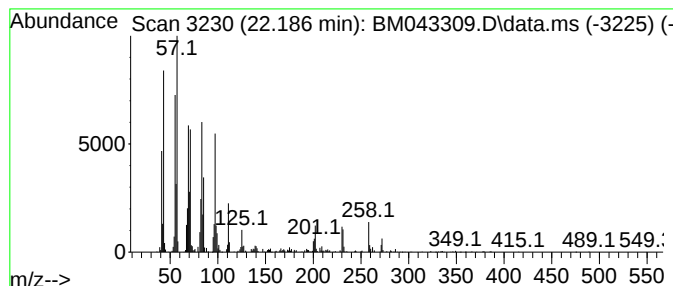
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Cyclic22.186 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.186	2.51 ng/ul	1433080	Chrysene-d12	21.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	95
2			Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	89
3			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	78
4			17-Pentatriacontene	491	C35H70	006971-40-0	76
5			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
Operator : MA/JU
Sample : 05690-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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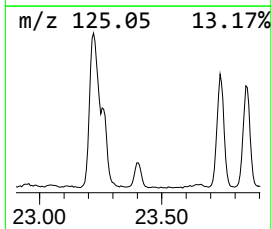
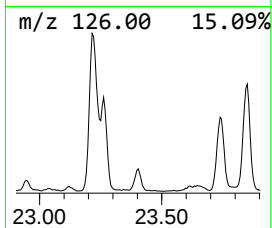
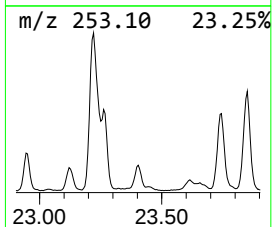
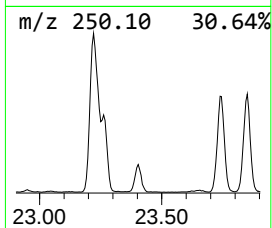
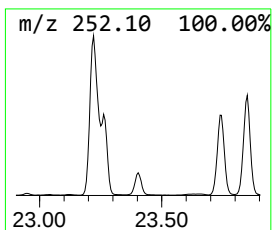
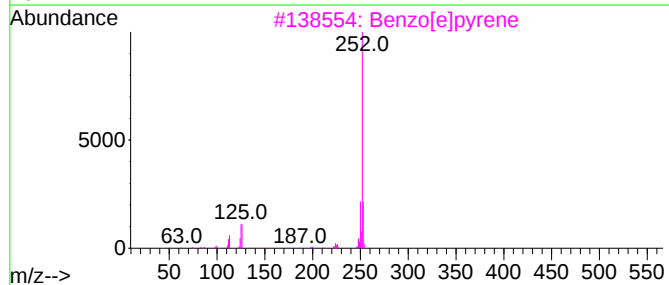
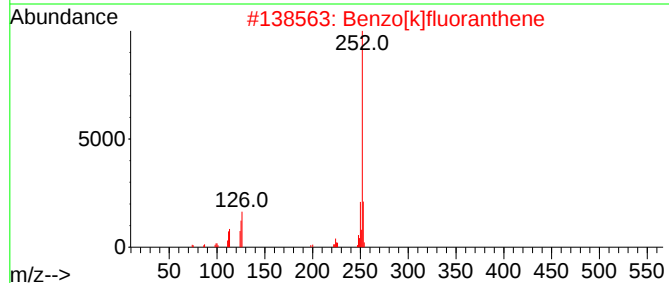
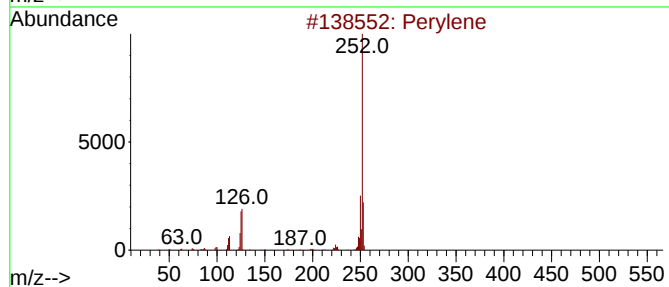
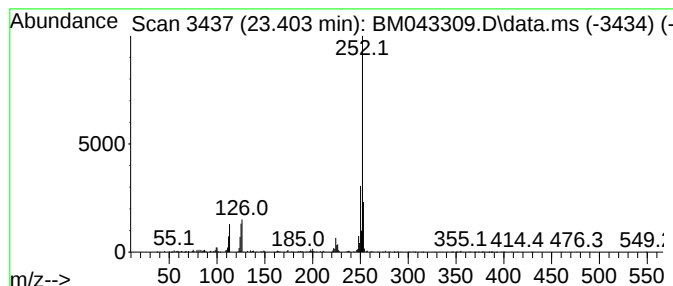
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 Perylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.403	5.53 ng/ul	675827	Perylene-d12	23.950

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	96
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benzo[e]pyrene	252	C20H12	000192-97-2	95
4			Perylene	252	C20H12	000198-55-0	94
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043309.D
Acq On : 13 Dec 2023 19:49
Operator : MA/JU
Sample : 05690-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH5

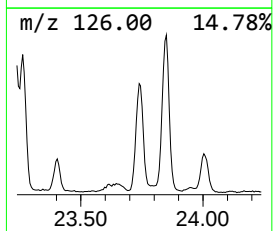
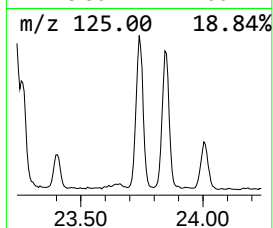
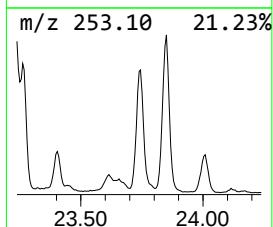
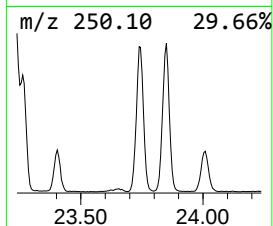
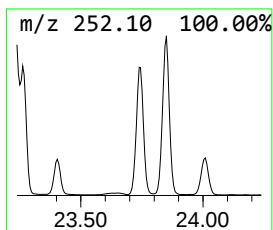
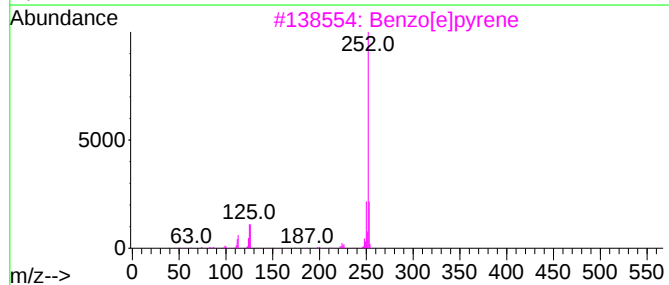
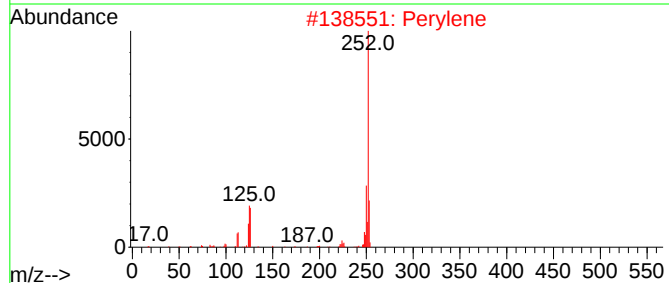
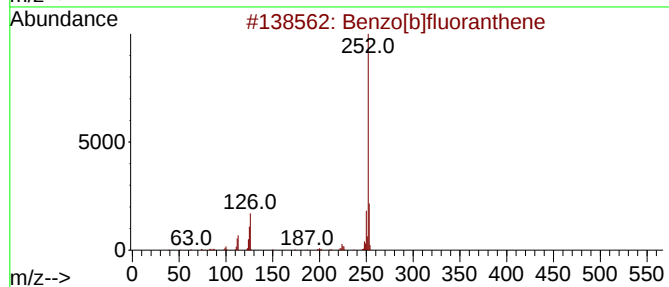
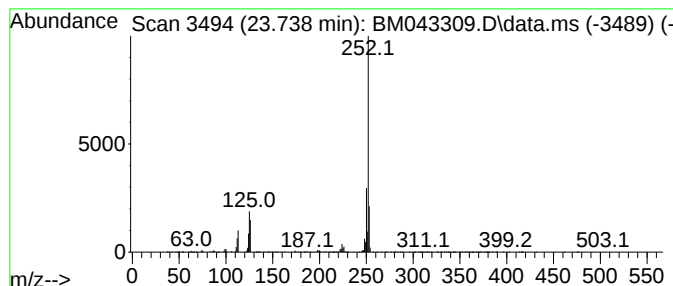
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 36 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.738	25.37 ng/ul	3102810	Perylene-d12	23.950

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]fluoranthene	252	C20H12	000205-99-2	99
2			Perylene	252	C20H12	000198-55-0	99
3			Benzo[e]pyrene	252	C20H12	000192-97-2	98
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5			Benzo[a]pyrene	252	C20H12	000050-32-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
 Data File : BM043309.D
 Acq On : 13 Dec 2023 19:49
 Operator : MA/JU
 Sample : 05690-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLH5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.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
2-Propanol, 1-(...	7.592	13.3	ng/ul	1420900	1	7.998	2137740	20.0
2-Propanol, 1-(...	7.781	43.9	ng/ul	4695010	1	7.998	2137740	20.0
Aceto phenone	8.828	25.1	ng/ul	2683790	1	7.998	2137740	20.0
Benzoic acid	10.063	5.0	ng/ul	701070	2	10.804	2828930	20.0
Dibenzofuran	15.021	7.1	ng/ul	1314000	3	14.621	3707640	20.0
Dibenzofuran, 4...	15.963	2.5	ng/ul	470880	3	14.621	3707640	20.0
[1,1'-Biphenyl]...	16.110	2.9	ng/ul	589537	4	17.362	4111210	20.0
9H-Fluorene, 1-...	16.668	2.9	ng/ul	598214	4	17.362	4111210	20.0
Dibenzothiophene	17.180	4.4	ng/ul	896368	4	17.362	4111210	20.0
5H-Indeno[1,2-b...	17.768	3.4	ng/ul	694647	4	17.362	4111210	20.0
Phenanthrene, 1...	18.239	4.6	ng/ul	943848	4	17.362	4111210	20.0
n-Hexadecanoic ...	18.262	4.4	ng/ul	903004	4	17.362	4111210	20.0
Phenanthrene, 3...	18.286	6.5	ng/ul	1326570	4	17.362	4111210	20.0
1H-Cyclopropa[1...	18.368	3.0	ng/ul	611781	4	17.362	4111210	20.0
4H-Cyclopenta[d...	18.433	18.2	ng/ul	3743250	4	17.362	4111210	20.0
unknown-01	18.474	9.6	ng/ul	1979840	4	17.362	4111210	20.0
unknown-02	18.645	9.1	ng/ul	1868800	4	17.362	4111210	20.0
Naphthalene, 2-...	18.739	3.9	ng/ul	796158	4	17.362	4111210	20.0
unknown-03	18.833	6.0	ng/ul	1231480	4	17.362	4111210	20.0
4b,8-Dimethyl-2...	18.980	13.1	ng/ul	2695520	4	17.362	4111210	20.0
10,18-Bisnorabi...	19.109	4.2	ng/ul	864476	4	17.362	4111210	20.0
unknown-04	19.215	3.5	ng/ul	708626	4	17.362	4111210	20.0
Naphthalene, 1-...	19.315	4.2	ng/ul	863615	4	17.362	4111210	20.0
10,18-Bisnorabi...	19.474	21.8	ng/ul	12442100	5	21.533	11432200	20.0
11H-Benzo[b]flu...	20.268	3.9	ng/ul	2243120	5	21.533	11432200	20.0
Fluoranthene, 2...	20.368	3.8	ng/ul	2158030	5	21.533	11432200	20.0
Pyrene, 1-methyl-	20.427	2.6	ng/ul	1509740	5	21.533	11432200	20.0
unknown-05	21.256	4.0	ng/ul	2282550	5	21.533	11432200	20.0
(DEL) Alkane: C...	22.186	2.5	ng/ul	1433080	5	21.533	11432200	20.0
Perylene	23.403	5.5	ng/ul	675827	6	23.950	2446360	20.0
Benzo[e]pyrene	23.738	25.4	ng/ul	3102810	6	23.950	2446360	20.0