

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046004.D
 Acq On : 12 Jun 2024 19:59
 Operator : MA/JU
 Sample : P2659-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC24

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-BM053124.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM046004.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.693	623	630	642	rBV	482461	953211	5.13%	0.482%
2	6.804	643	649	670	rVB	326672	633032	3.40%	0.320%
3	6.999	675	682	691	rBV	514413	861370	4.63%	0.436%
4	7.434	749	756	765	rBV	544817	879693	4.73%	0.445%
5	8.204	881	887	896	rBV	552925	1006571	5.41%	0.509%
6	8.598	948	954	963	rVV	551474	905516	4.87%	0.458%
7	9.310	1068	1075	1089	rVB	429510	755854	4.06%	0.383%
8	9.863	1162	1169	1186	rBV	505927	1053291	5.66%	0.533%
9	10.198	1219	1226	1232	rBV	746291	1297598	6.98%	0.657%
10	10.404	1251	1261	1278	rBV	118008	323399	1.74%	0.164%
11	10.998	1355	1362	1375	rBV	109405	275244	1.48%	0.139%
12	13.528	1783	1792	1799	rBV	1087732	1585006	8.52%	0.802%
13	13.769	1826	1833	1836	rBV	1272778	1928371	10.37%	0.976%
14	13.798	1836	1838	1851	rVV	622181	845923	4.55%	0.428%
15	14.080	1879	1886	1892	rBV	1109897	1677903	9.02%	0.849%
16	14.380	1932	1937	1948	rVV	355235	700036	3.76%	0.354%
17	14.486	1950	1955	1963	rVV2	150186	311529	1.68%	0.158%
18	15.080	2050	2056	2061	rVV	1551665	2252156	12.11%	1.140%
19	15.133	2061	2065	2071	rVV3	283946	414474	2.23%	0.210%
20	15.222	2075	2080	2084	rBV	422323	547876	2.95%	0.277%
21	15.816	2175	2181	2194	rVB5	252338	500754	2.69%	0.253%
22	16.139	2229	2236	2241	rBV3	124939	299413	1.61%	0.152%
23	16.486	2291	2295	2303	rVV	329165	501206	2.70%	0.254%
24	16.645	2317	2322	2332	rVB	291458	518152	2.79%	0.262%
25	16.821	2347	2352	2355	rVV	1544021	2106608	11.33%	1.066%
26	16.868	2355	2360	2365	rVV	6124802	8271120	44.48%	4.186%
27	16.921	2365	2369	2372	rVV	1899234	2594241	13.95%	1.313%
28	16.957	2372	2375	2381	rVV	1019906	1379130	7.42%	0.698%
29	17.027	2381	2387	2392	rVV3	205128	365586	1.97%	0.185%
30	17.245	2420	2424	2436	rVV	455399	868601	4.67%	0.440%
31	17.351	2437	2442	2447	rVV2	220375	413465	2.22%	0.209%
32	17.404	2447	2451	2460	rVB3	232759	468194	2.52%	0.237%
33	17.551	2472	2476	2481	rVB	499910	701400	3.77%	0.355%
34	17.627	2484	2489	2496	rBV2	133210	299297	1.61%	0.151%
35	17.698	2496	2501	2505	rVV	1185703	1682696	9.05%	0.852%
36	17.751	2505	2510	2517	rVV2	1894772	3154270	16.96%	1.596%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Title : SVOA CALIBRATION

37	17.815	2517	2521	2528	rVV2	468910	902432	4.85%	0.457%
38	17.886	2528	2533	2537	rVV2	1712915	2748362	14.78%	1.391%
39	17.927	2537	2540	2551	rVB	930423	1261624	6.78%	0.639%
40	18.021	2551	2556	2559	rBV3	223311	352647	1.90%	0.178%
41	18.057	2559	2562	2566	rVV3	186114	284566	1.53%	0.144%
42	18.204	2583	2587	2591	rBV	694617	928620	4.99%	0.470%
43	18.251	2591	2595	2600	rVB	1090148	1461308	7.86%	0.740%
44	18.451	2626	2629	2634	rVV	310840	446756	2.40%	0.226%
45	18.504	2634	2638	2641	rVV	460650	561730	3.02%	0.284%
46	18.545	2641	2645	2649	rVB	345752	450066	2.42%	0.228%
47	18.627	2653	2659	2663	rVV	935494	1536245	8.26%	0.778%
48	18.674	2663	2667	2672	rVV4	487685	1115406	6.00%	0.565%
49	18.715	2672	2674	2678	rVB	337893	370395	1.99%	0.187%
50	18.768	2678	2683	2690	rBV2	824215	1499801	8.06%	0.759%
51	18.898	2698	2705	2711	rVB	13808595	18597218	100.00%	9.413%
52	18.962	2711	2716	2718	rBV3	272135	388407	2.09%	0.197%
53	18.992	2718	2721	2725	rVB2	334085	418530	2.25%	0.212%
54	19.039	2725	2729	2734	rBV	712328	956035	5.14%	0.484%
55	19.098	2735	2739	2742	rVV2	278698	399508	2.15%	0.202%
56	19.133	2742	2745	2749	rVB	278864	391182	2.10%	0.198%
57	19.227	2755	2761	2763	rBV2	3699558	5534796	29.76%	2.801%
58	19.257	2763	2766	2775	rVB	10660189	13576691	73.00%	6.872%
59	19.327	2775	2778	2785	rVB3	635135	1062114	5.71%	0.538%
60	19.439	2793	2797	2803	rVB	547291	772801	4.16%	0.391%
61	19.498	2803	2807	2813	rVB2	535071	870103	4.68%	0.440%
62	19.580	2815	2821	2829	rBV2	1017160	2517872	13.54%	1.274%
63	19.721	2840	2845	2847	rBV2	852513	1350695	7.26%	0.684%
64	19.757	2847	2851	2855	rVV	1668781	2268343	12.20%	1.148%
65	19.857	2864	2868	2872	rBV	1007273	1171687	6.30%	0.593%
66	19.909	2872	2877	2882	rBV2	1297986	1921260	10.33%	0.972%
67	19.998	2889	2892	2896	rBV2	187857	299398	1.61%	0.152%
68	20.051	2897	2901	2905	rVV	736823	884670	4.76%	0.448%
69	20.098	2905	2909	2913	rVV	762962	1004999	5.40%	0.509%
70	20.180	2920	2923	2926	rBV2	412453	409513	2.20%	0.207%
71	20.468	2968	2972	2975	rBV2	229060	376654	2.03%	0.191%
72	20.509	2975	2979	2985	rVB	1254820	1802996	9.69%	0.913%
73	20.668	3000	3006	3010	rVV2	1294010	2110583	11.35%	1.068%
74	20.709	3010	3013	3016	rVV	1086991	1341569	7.21%	0.679%
75	20.751	3016	3020	3025	rVV3	1723952	2895558	15.57%	1.466%
76	20.804	3026	3029	3036	rVB	1259665	1741805	9.37%	0.882%

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77	20.968	3054	3057	3061	rBV	1284172	1558664	8.38%	0.789%
78	21.027	3061	3067	3073	rVV2	6004082	12328755	66.29%	6.240%
79	21.080	3073	3076	3087	rVB	5979171	8056347	43.32%	4.078%
80	21.209	3094	3098	3104	rBV2	503237	1063419	5.72%	0.538%
81	21.268	3105	3108	3118	rVB6	451651	955015	5.14%	0.483%
82	21.380	3124	3127	3129	rBV2	202769	250998	1.35%	0.127%
83	21.603	3161	3165	3168	rBV2	282355	440207	2.37%	0.223%
84	21.668	3169	3176	3181	rVB	1033157	1785914	9.60%	0.904%
85	21.733	3182	3187	3190	rBV3	1172694	1942843	10.45%	0.983%
86	21.898	3211	3215	3218	rBV2	548747	807623	4.34%	0.409%
87	21.939	3219	3222	3227	rVB3	453886	677664	3.64%	0.343%
88	22.598	3329	3334	3347	rVB	1288325	2470603	13.28%	1.250%
89	22.909	3378	3387	3391	rBV	3651455	9484747	51.00%	4.800%
90	22.956	3391	3395	3401	rVV2	4751373	8640089	46.46%	4.373%
91	23.027	3401	3407	3415	rVV3	821240	2085062	11.21%	1.055%
92	23.109	3417	3421	3436	rVB	679188	1454958	7.82%	0.736%
93	23.497	3481	3487	3492	rBV	910873	1905251	10.24%	0.964%
94	23.556	3494	3497	3502	rVV2	652174	1251092	6.73%	0.633%
95	23.621	3502	3508	3518	rVB	2024322	4364378	23.47%	2.209%
96	23.739	3520	3528	3535	rBV	897937	2393583	12.87%	1.211%
97	24.144	3592	3597	3615	rVB3	648657	1978981	10.64%	1.002%
98	24.615	3669	3677	3686	rVB	1505567	3674416	19.76%	1.860%
99	26.327	3960	3968	3976	rBV4	287834	1071617	5.76%	0.542%
100	26.733	4027	4037	4053	rVB2	1113510	4619505	24.84%	2.338%

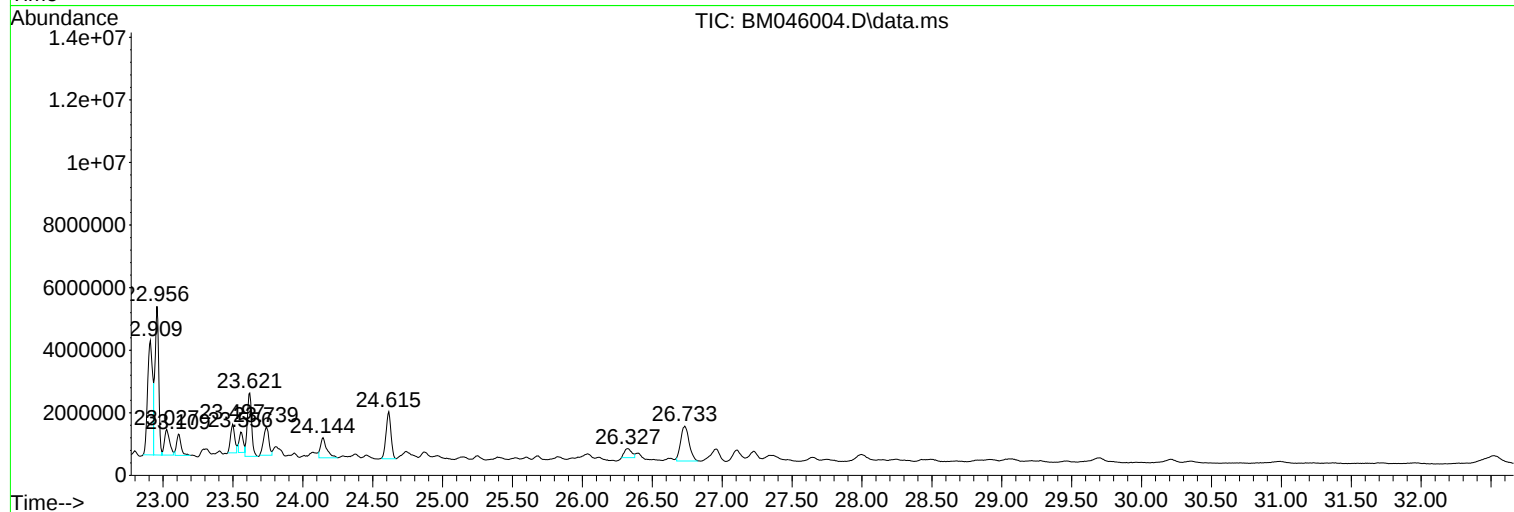
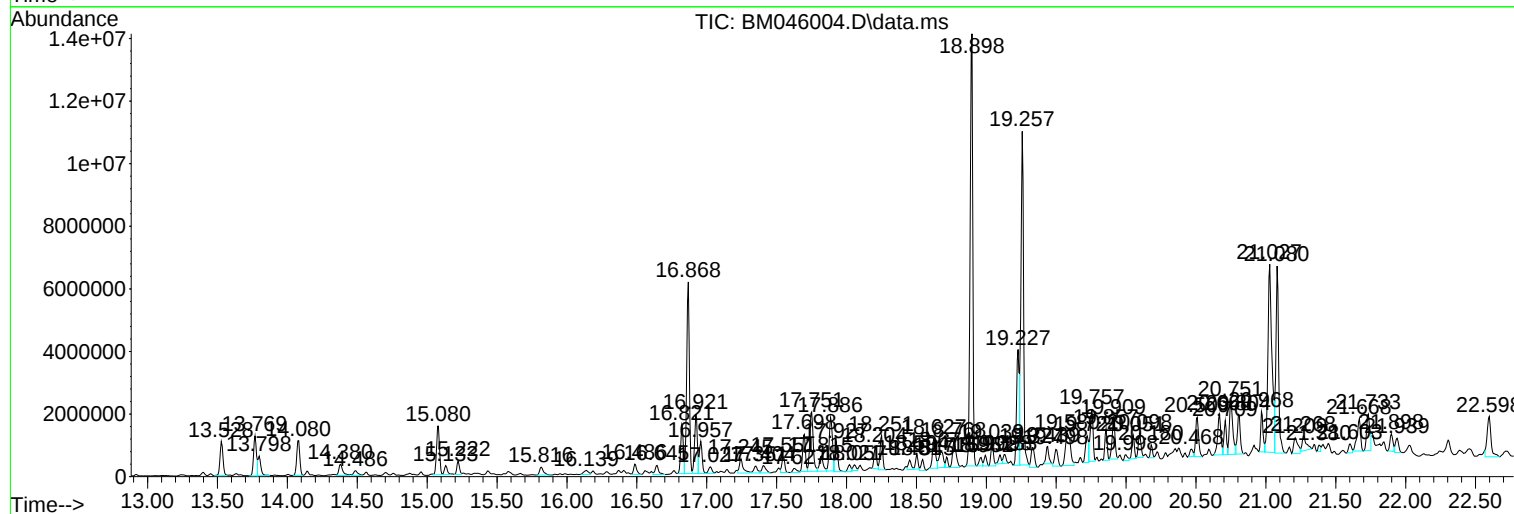
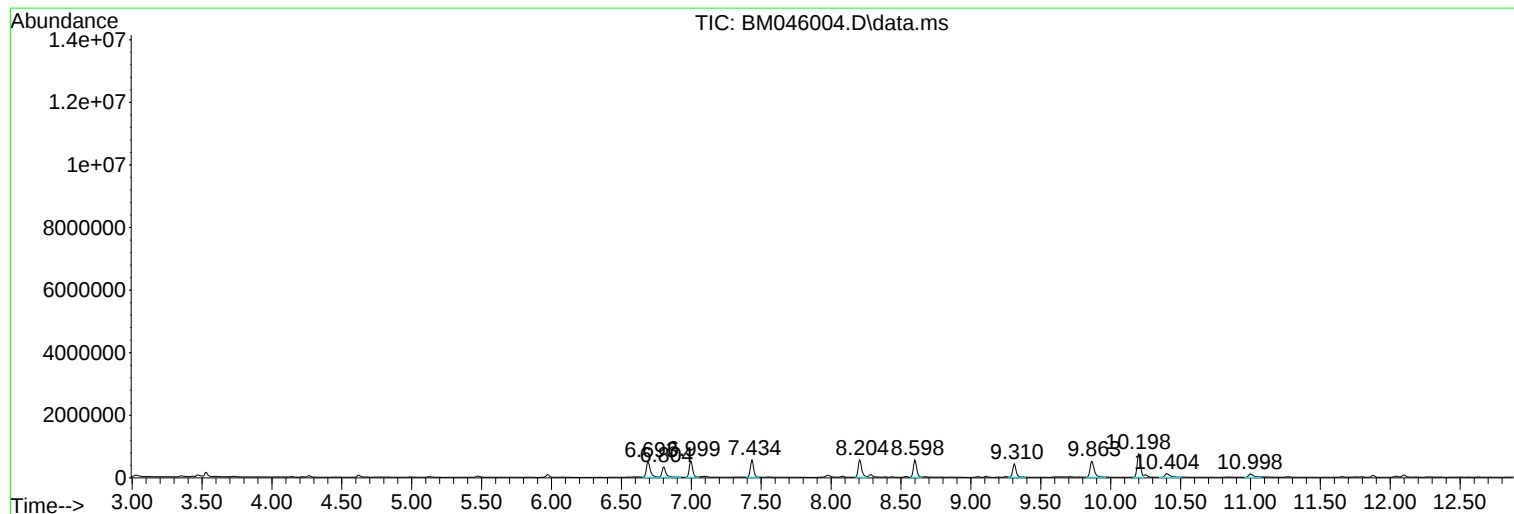
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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



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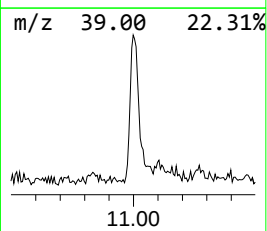
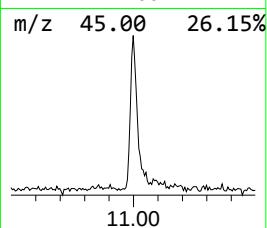
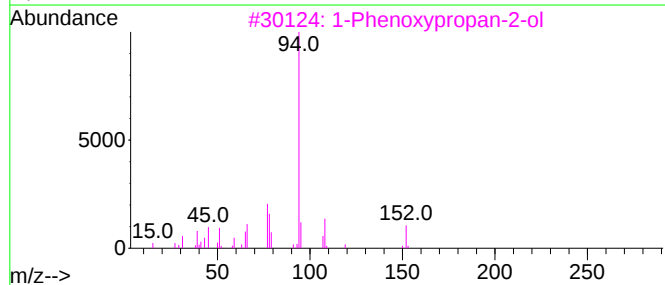
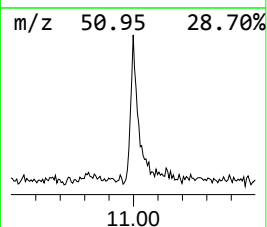
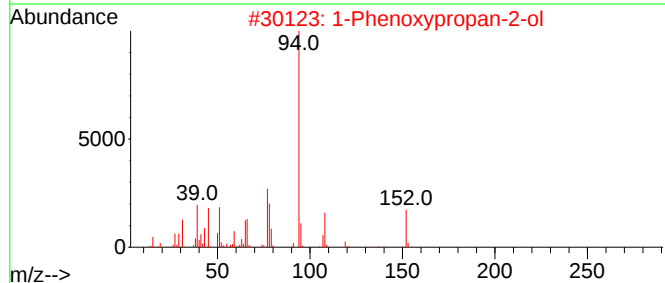
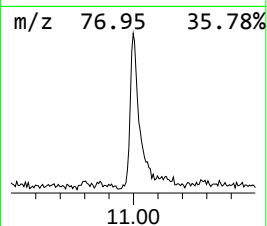
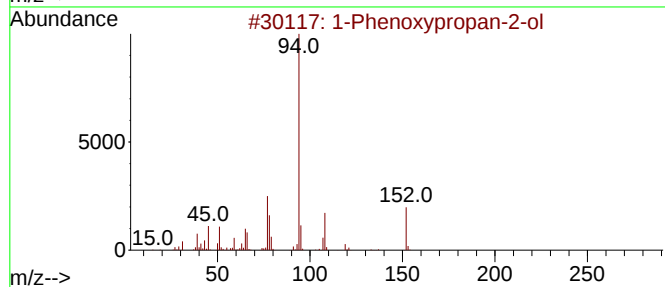
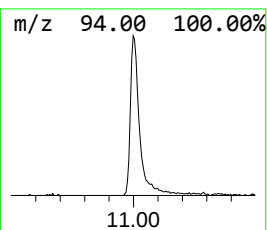
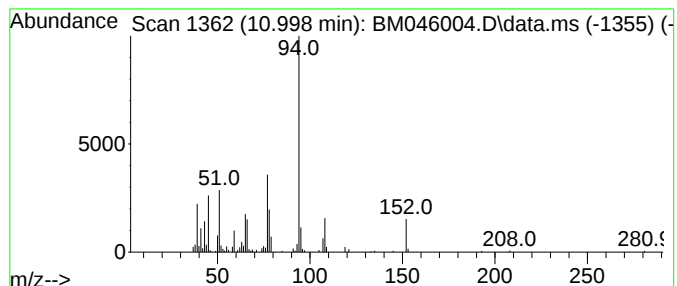
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.998	4.24 ng/ul	275244	Naphthalene-d8	10.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	97
2			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
3			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
4			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	70
5			Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	59



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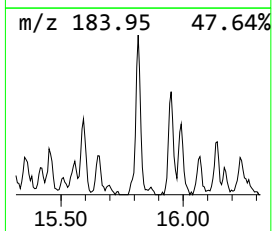
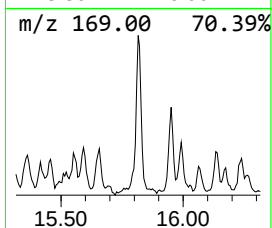
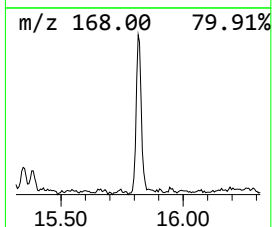
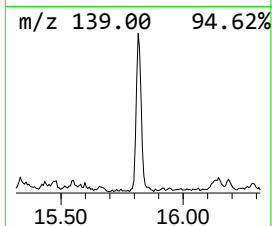
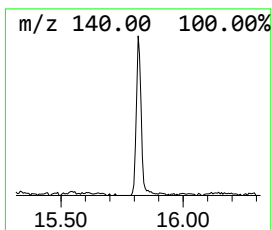
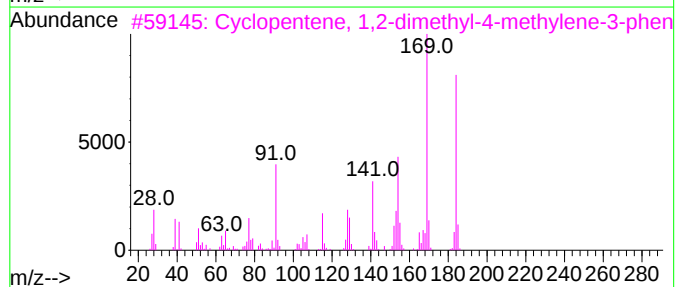
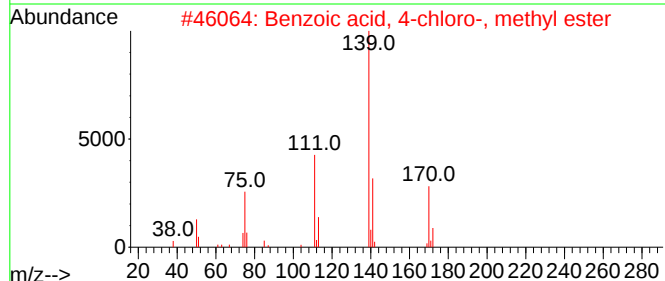
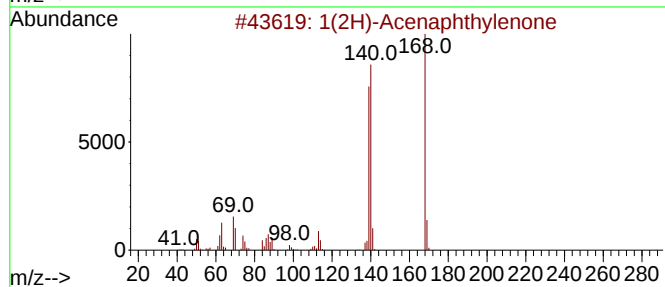
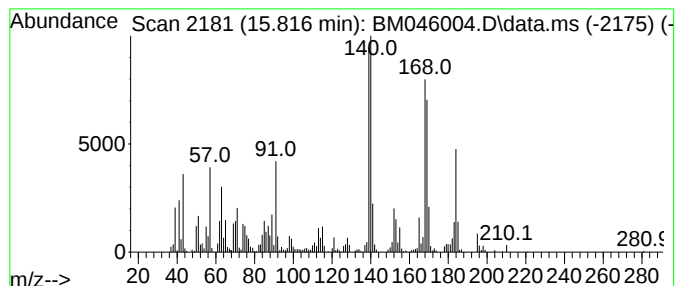
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1(2H)-Acenaphthylene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	4.75 ng/ul	500754	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1(2H)-Acenaphthylene	168	C12H8O	002235-15-6	90
2			Benzoic acid, 4-chloro-, methyl ...	170	C8H7ClO2	001126-46-1	35
3			Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	35
4			Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	30
5			Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	25



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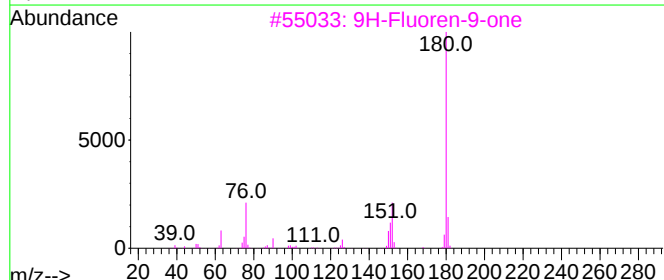
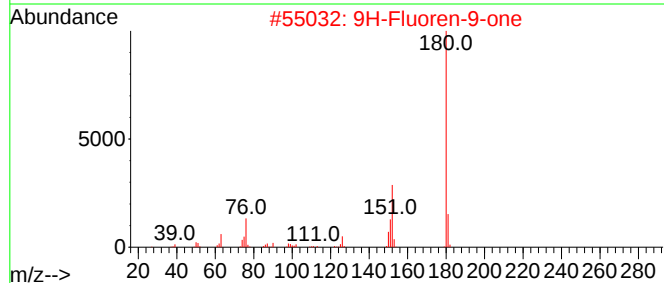
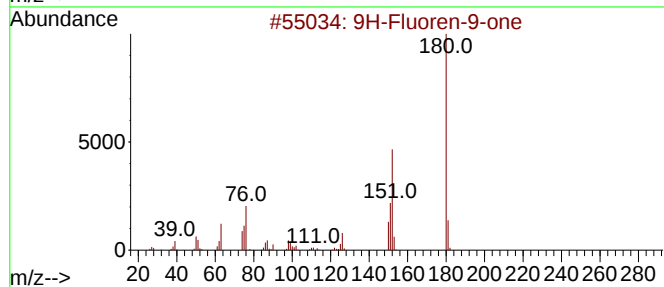
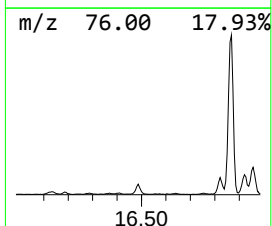
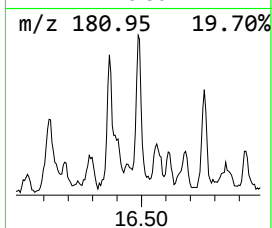
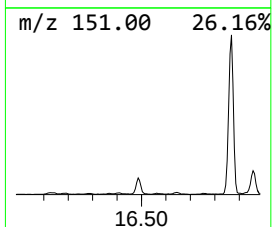
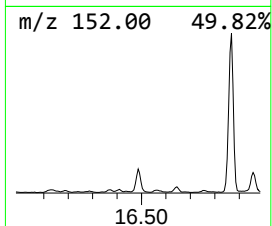
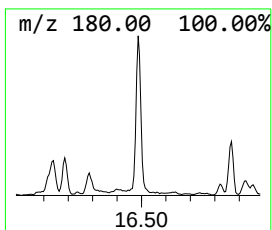
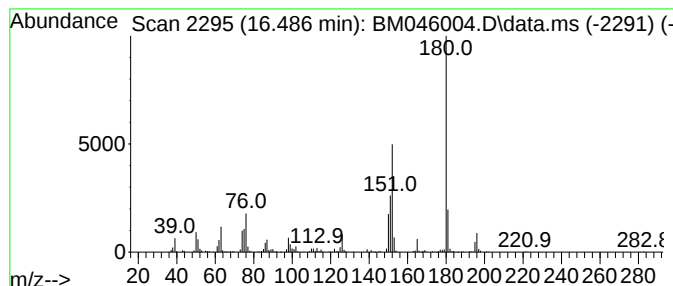
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	4.76 ng/ul	501206	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one			180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one			180	C13H8O	000486-25-9	90
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	87
4	9,10-Phenanthredione			208	C14H8O2	000084-11-7	86
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC24

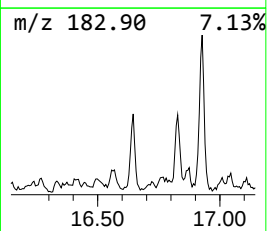
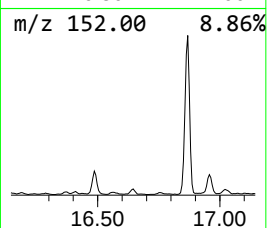
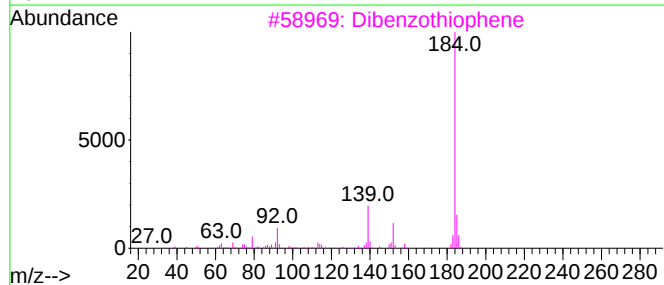
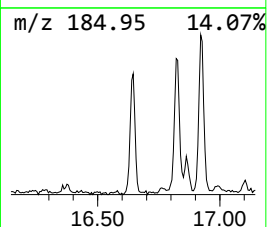
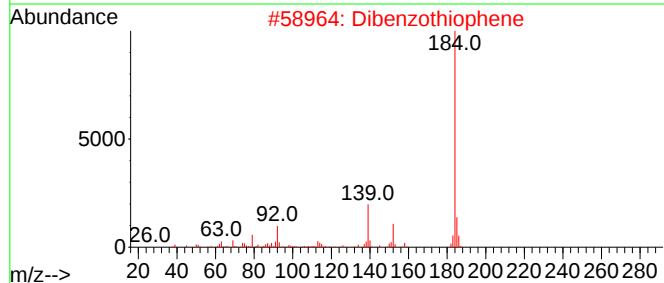
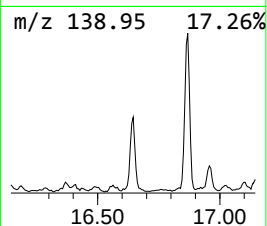
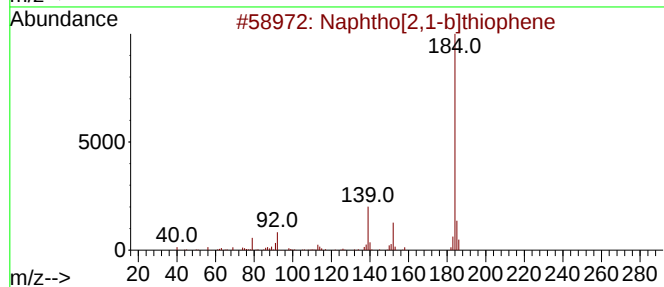
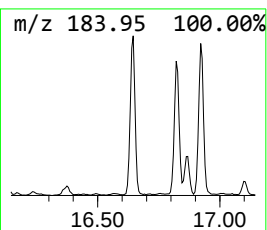
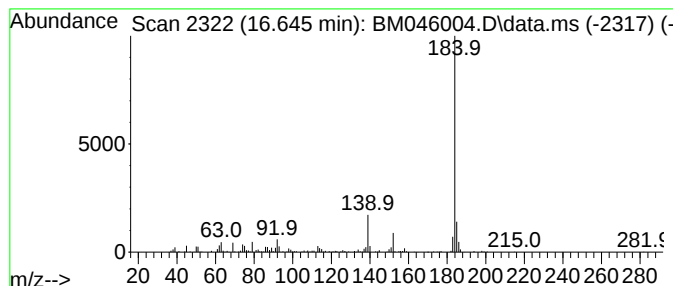
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.645	4.92 ng/ul	518152	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
2			Dibenzothiophene	184	C12H8S	000132-65-0	94
3			Dibenzothiophene	184	C12H8S	000132-65-0	94
4			Dibenzothiophene	184	C12H8S	000132-65-0	94
5			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
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Instrument :
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ClientSampleId :
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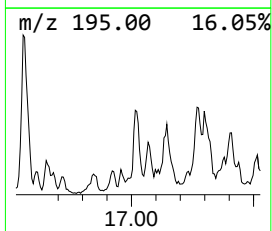
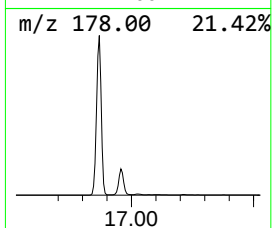
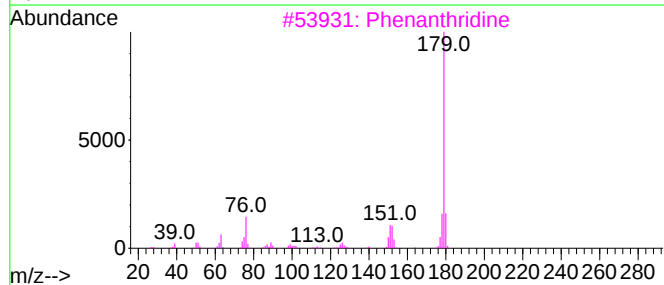
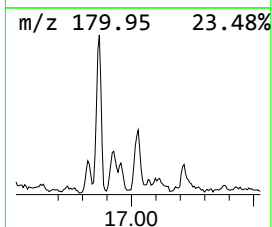
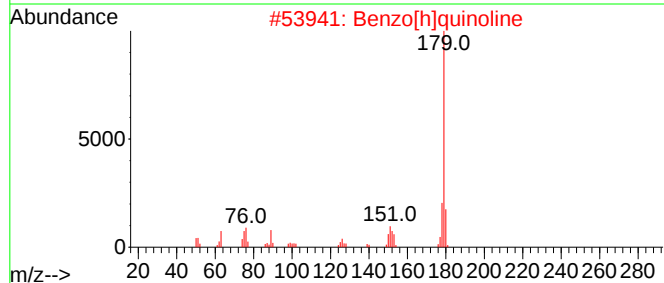
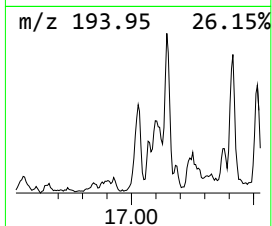
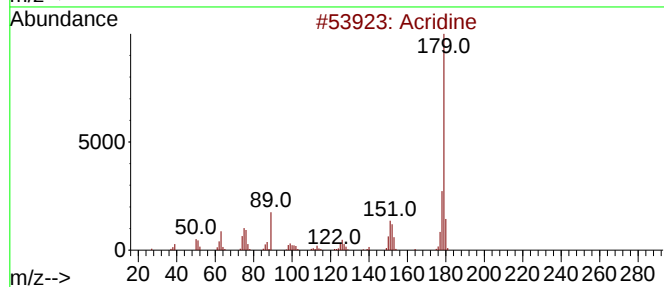
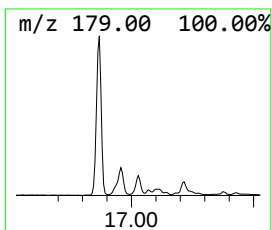
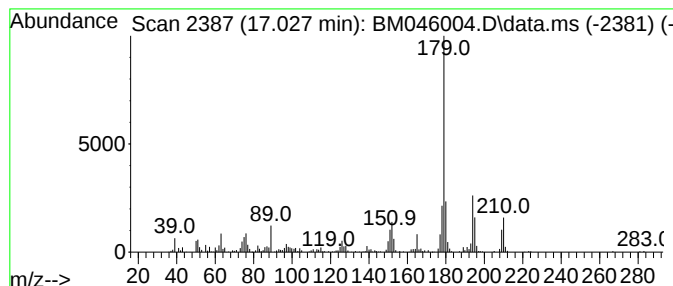
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Acridine Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.027	3.47 ng/ul	365586	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acridine	179	C13H9N	000260-94-6	96
2			Benzo[h]quinoline	179	C13H9N	000230-27-3	91
3			Phenanthridine	179	C13H9N	000229-87-8	86
4			Acridine	179	C13H9N	000260-94-6	86
5			Benzo[h]quinoline	179	C13H9N	000230-27-3	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
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Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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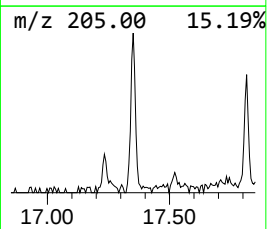
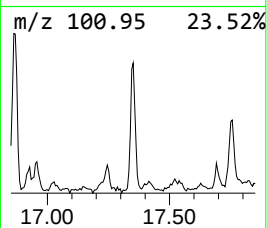
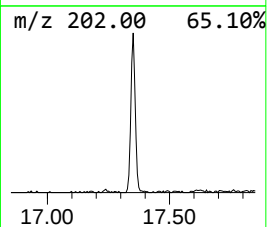
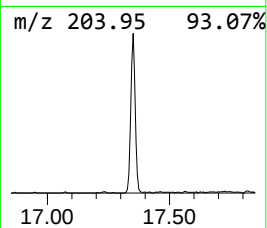
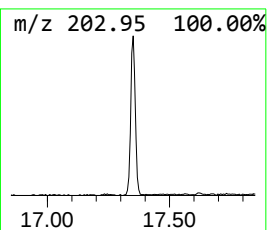
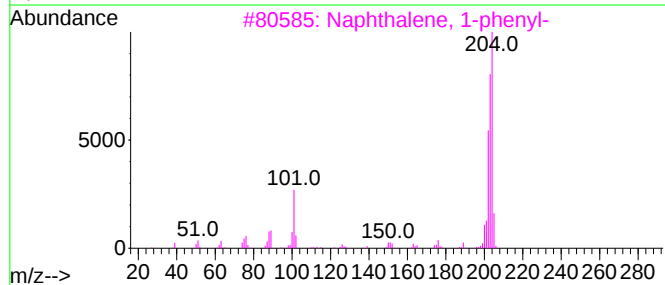
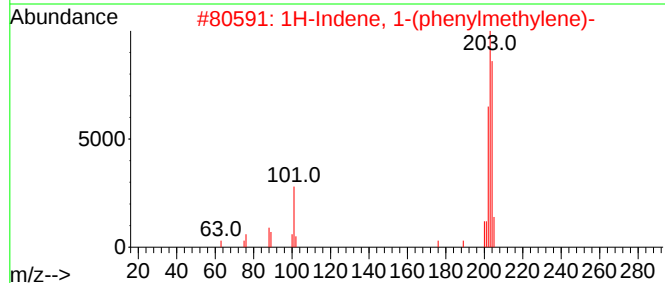
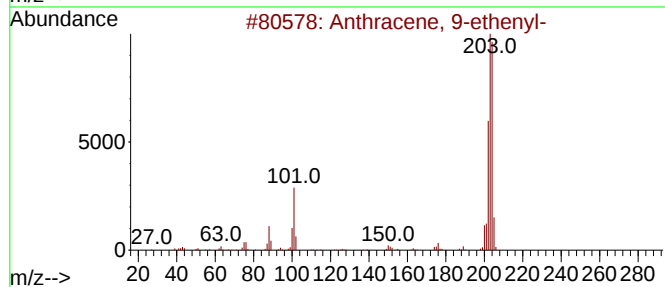
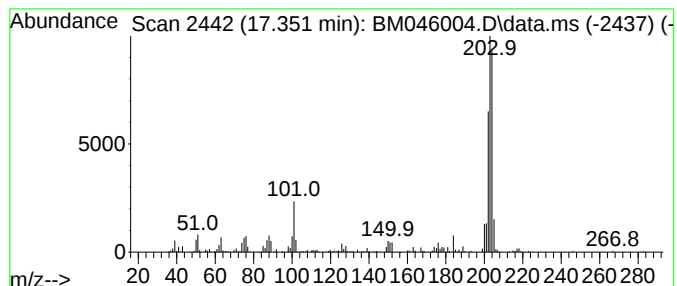
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Anthracene, 9-ethenyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.351	3.93 ng/ul	413465	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	95
2			1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	94
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
5			Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
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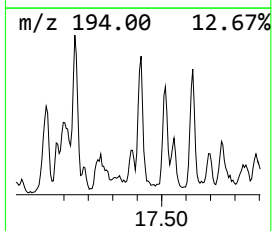
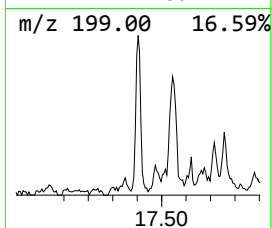
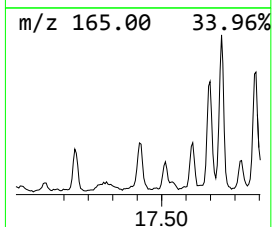
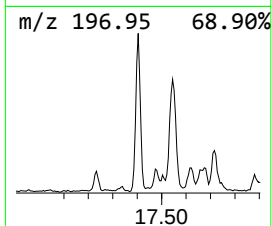
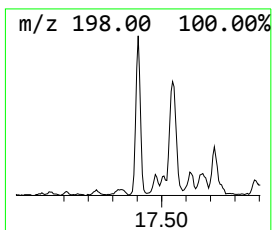
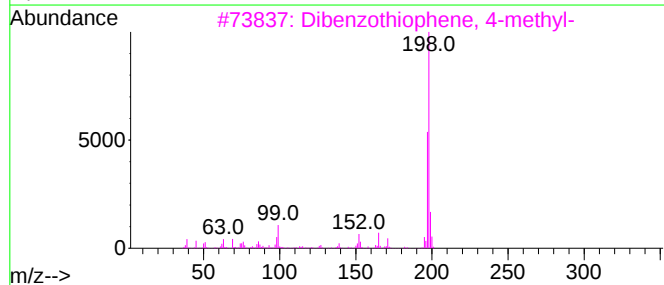
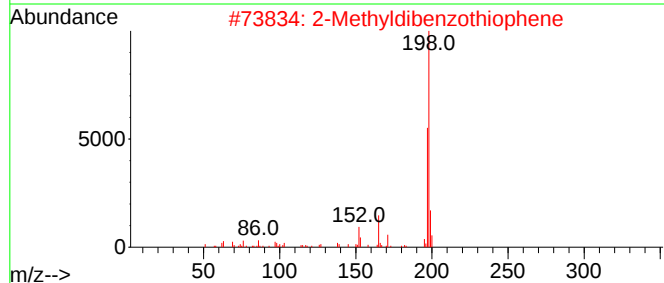
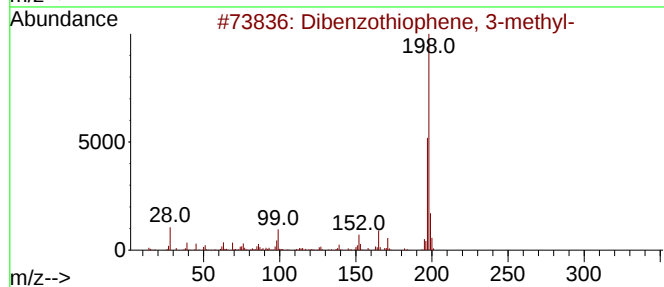
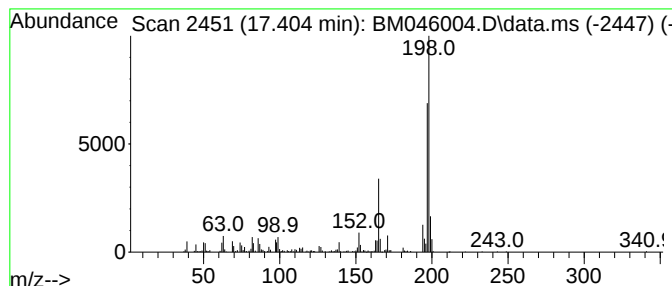
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Dibenzothiophene, 3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.404	4.45 ng/ul	468194	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
2			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	90
3			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
4			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	74
5			Thioxanthene	198	C13H10S	000261-31-4	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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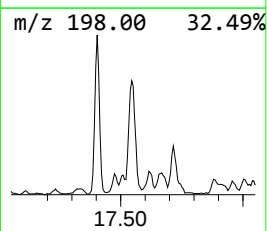
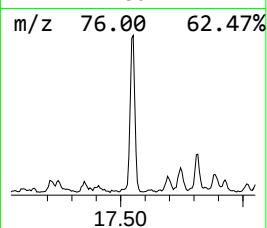
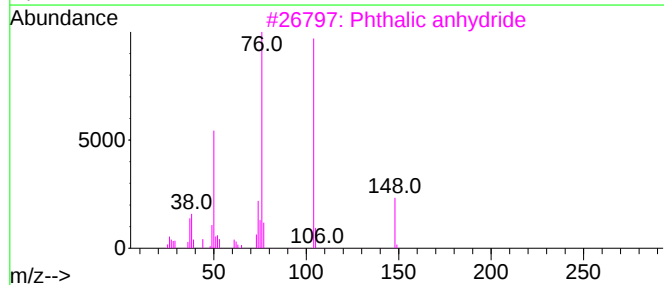
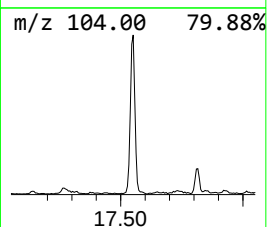
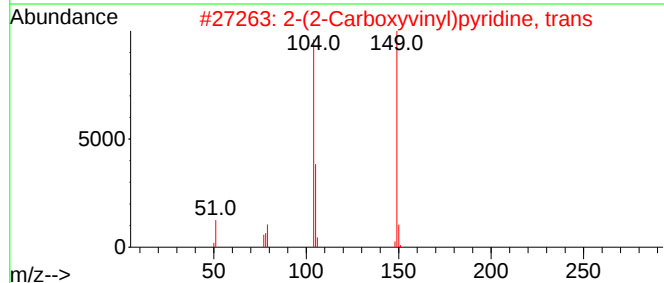
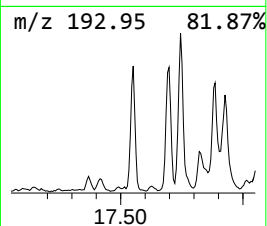
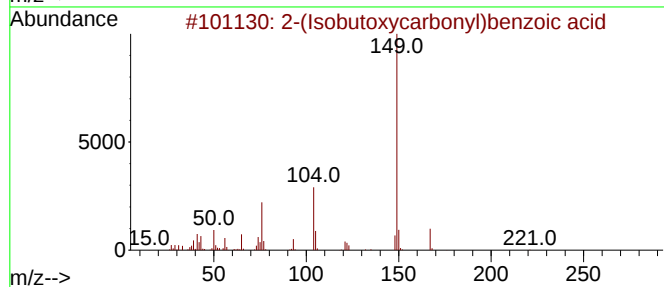
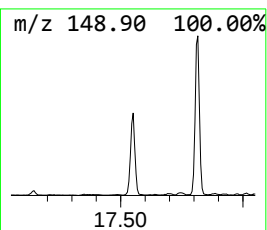
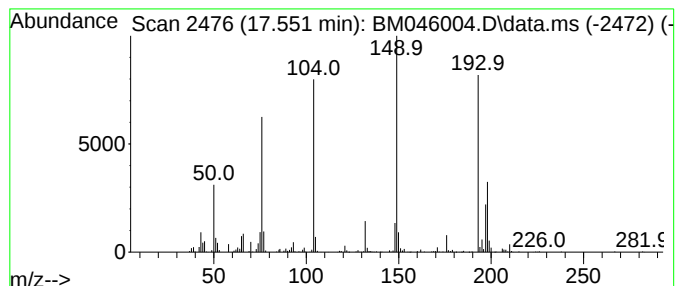
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.551	6.66 ng/ul	701400	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Isobutoxycarbonyl)benzoic acid	222	C12H14O4	030833-53-5	38		
2	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	35		
3	Phthalic anhydride	148	C8H4O3	000085-44-9	30		
4	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	22		
5	Phthalic acid, butyl oct-3-yl ester	334	C20H30O4	1000377-71-3	14		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
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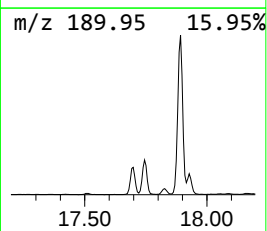
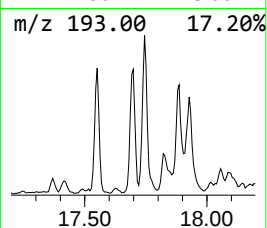
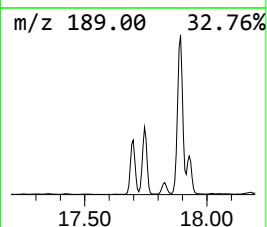
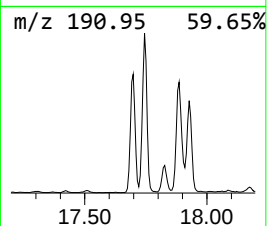
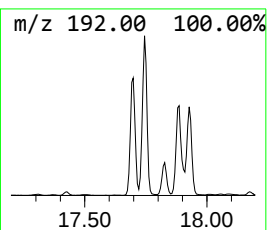
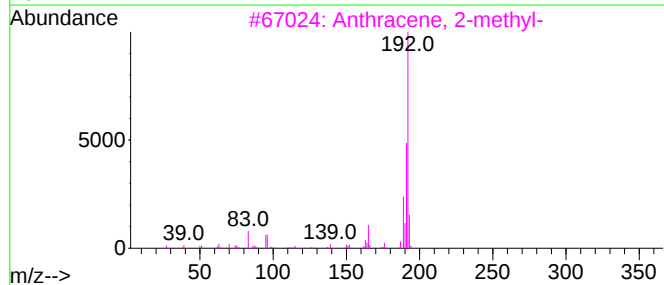
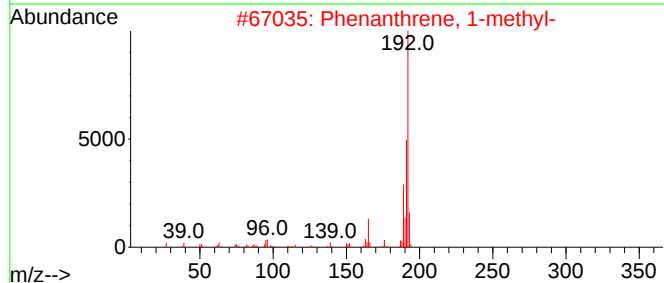
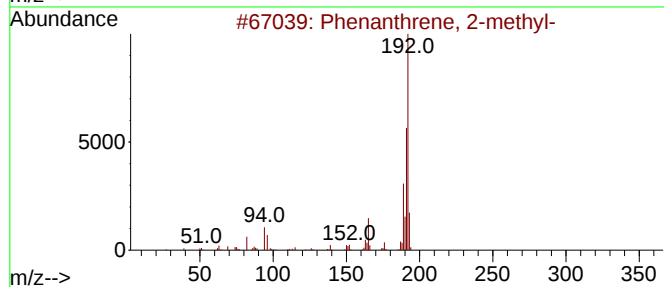
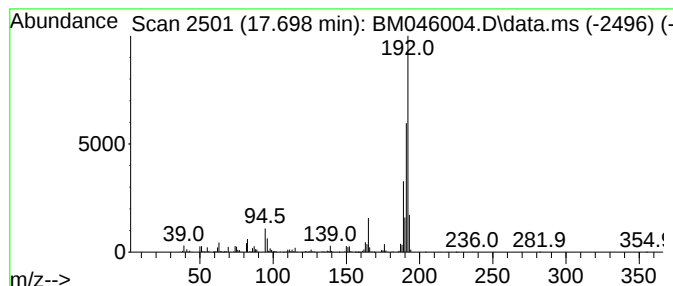
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.698	15.98 ng/ul	1682700	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
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Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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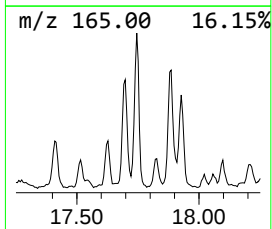
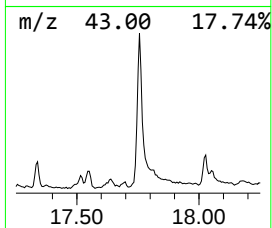
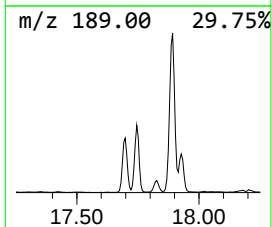
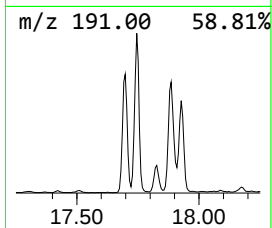
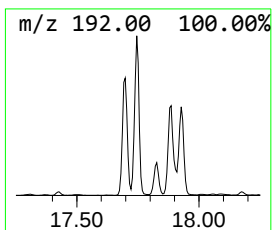
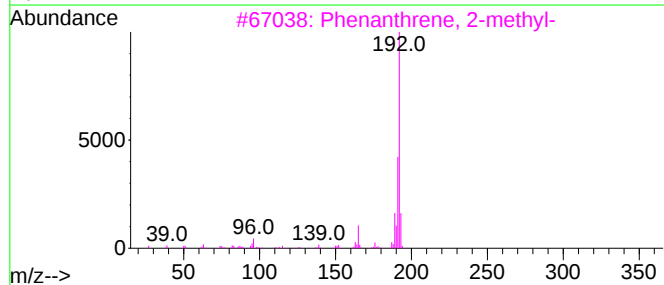
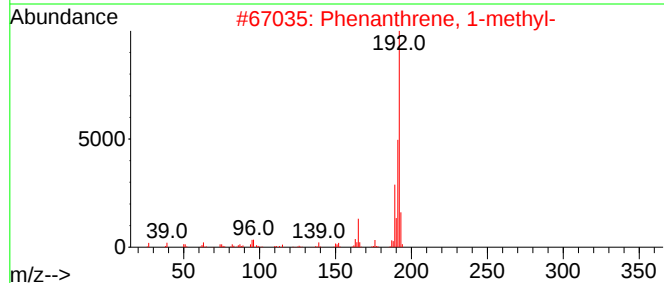
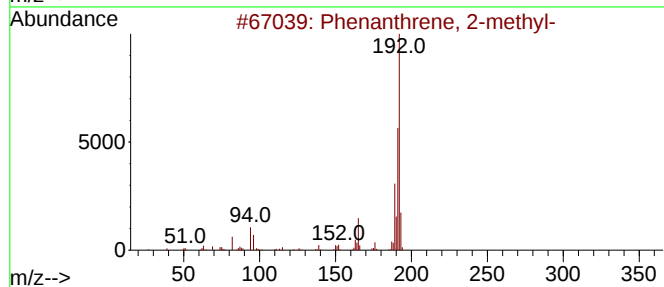
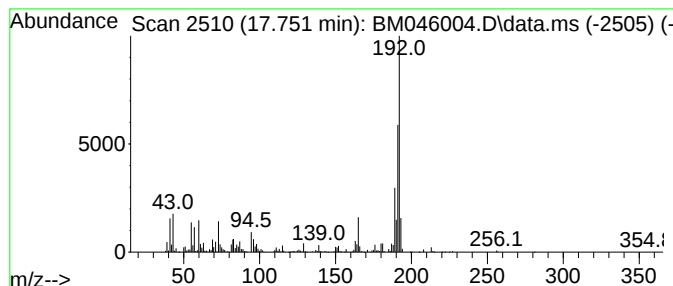
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	29.95 ng/ul	3154270	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

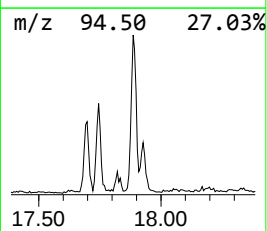
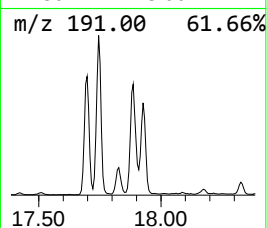
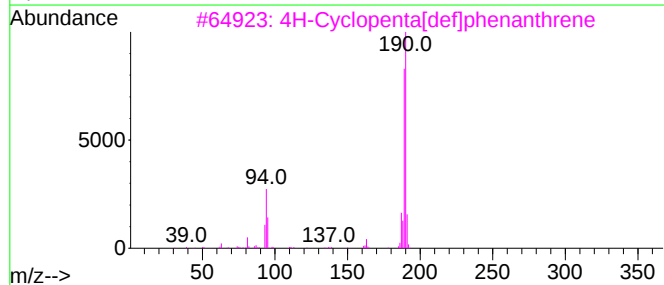
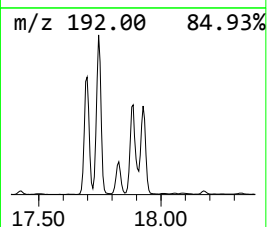
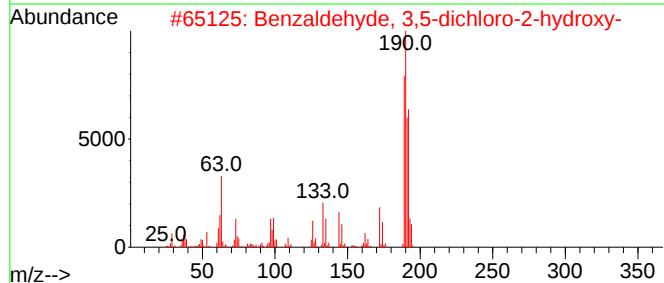
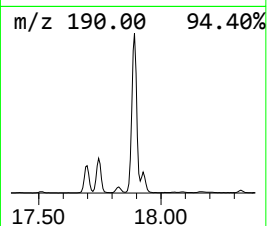
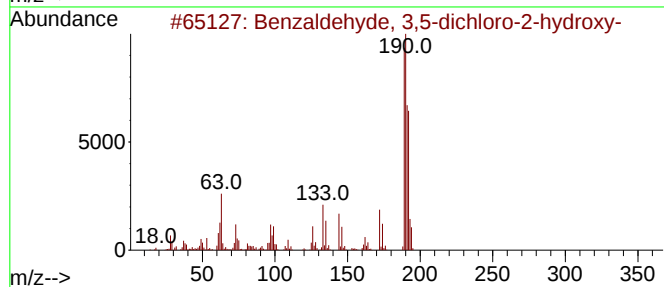
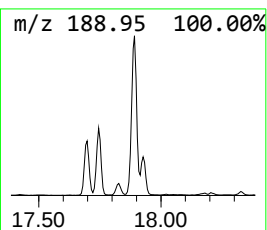
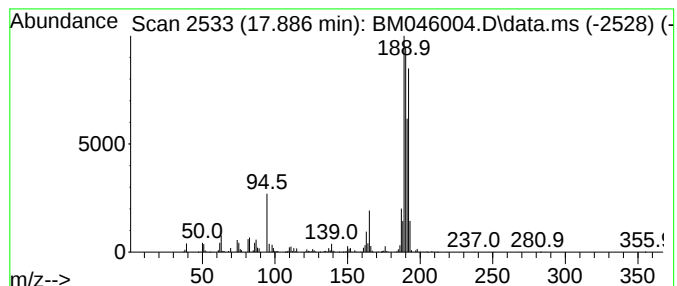
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.886	26.09 ng/ul	2748360	Phenanthrene-d10	16.821	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
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Sample : P2659-01
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Instrument :
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ClientSampleId :
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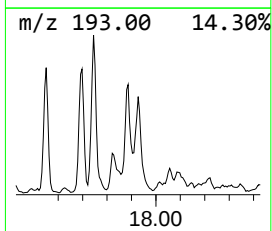
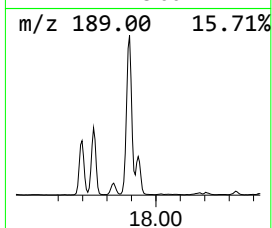
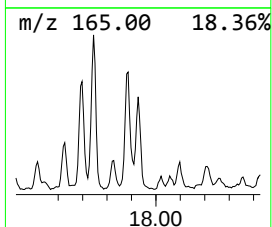
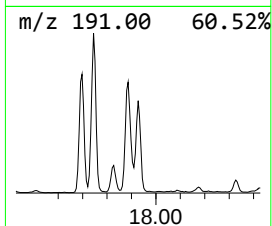
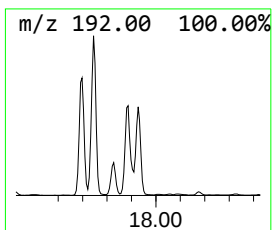
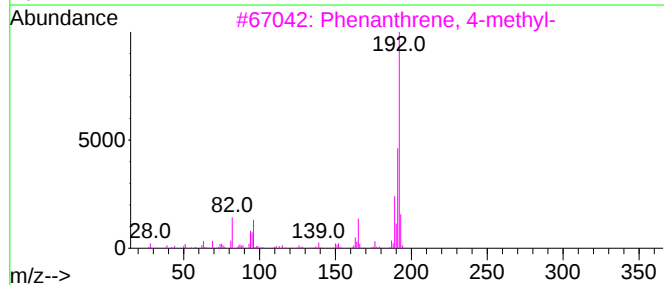
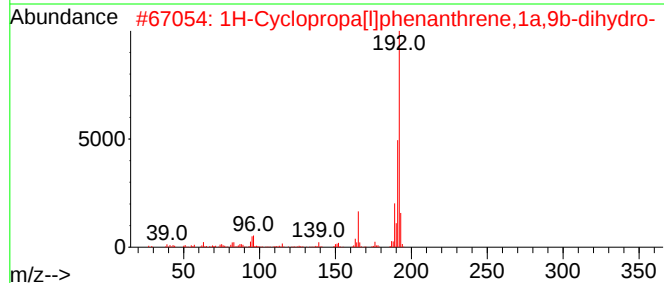
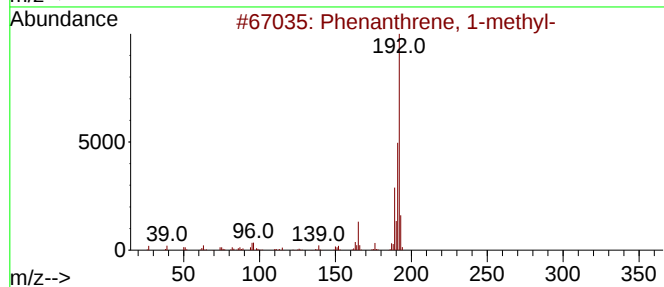
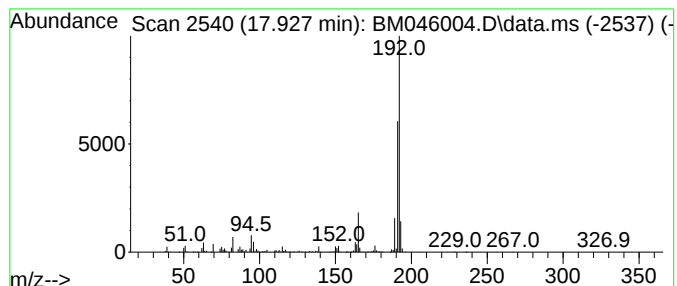
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1H-Cyclopropa[1]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	11.98 ng/ul	1261620	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
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Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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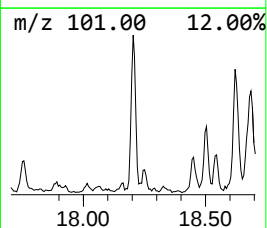
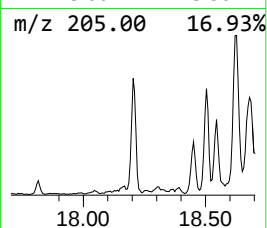
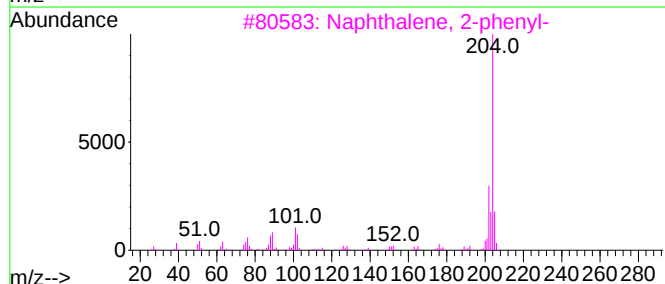
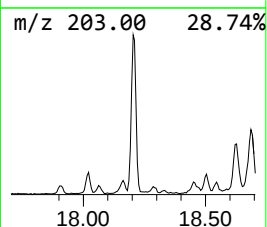
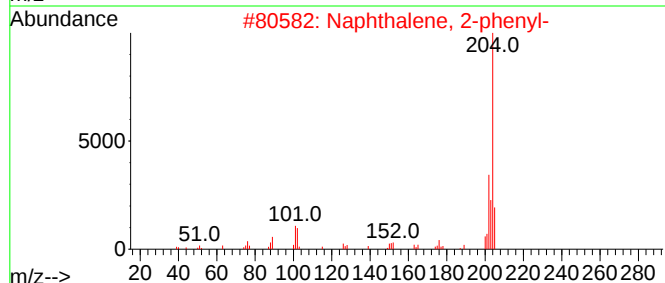
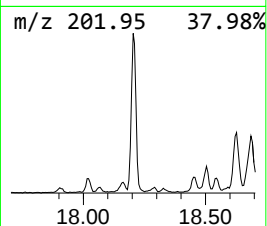
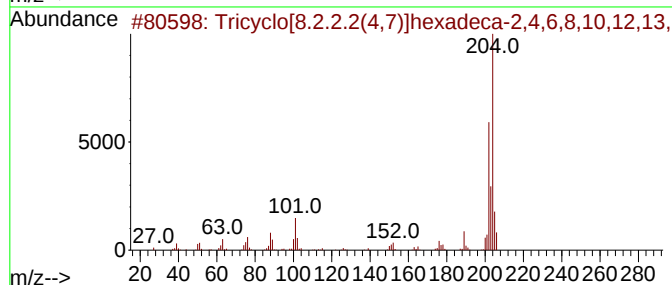
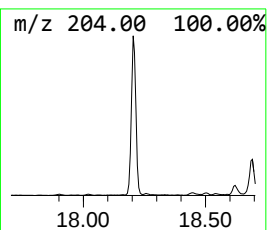
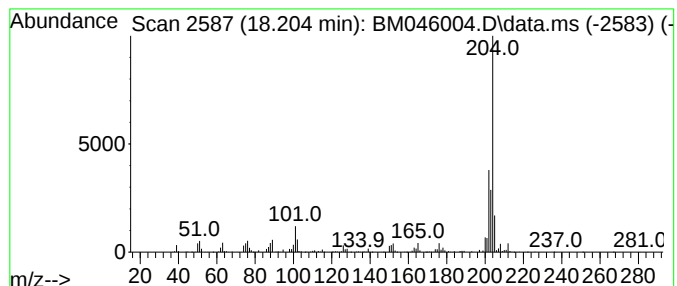
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	8.82 ng/ul	928620	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
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Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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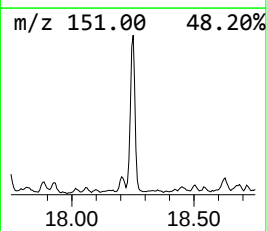
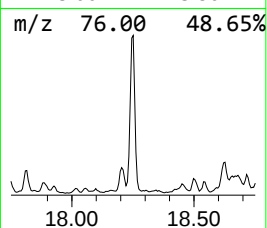
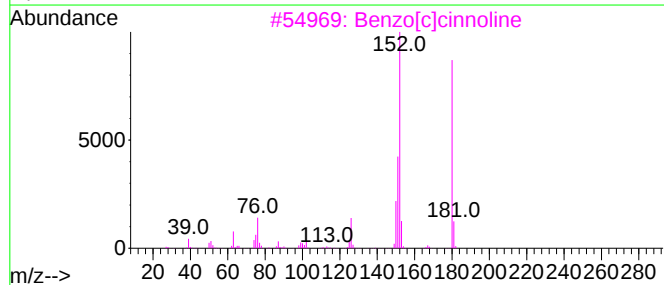
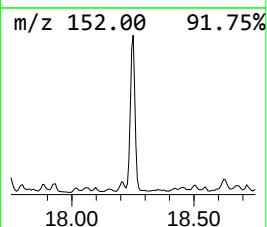
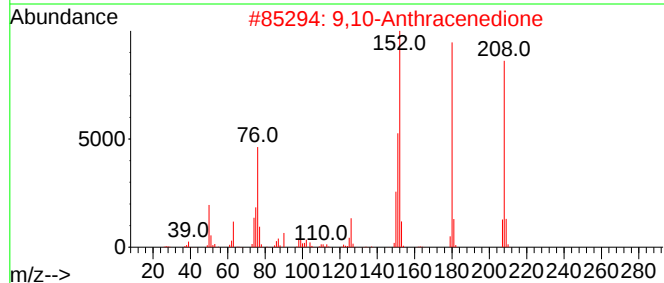
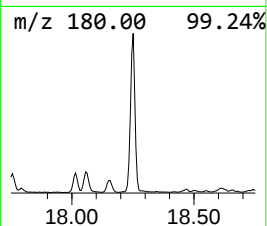
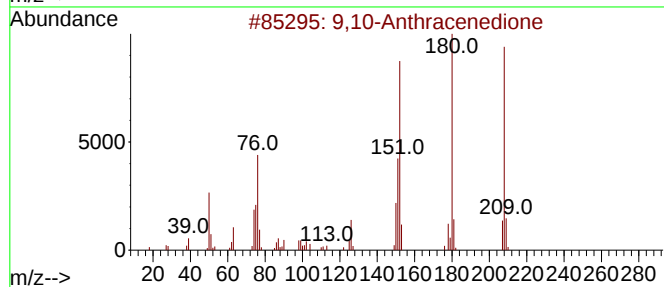
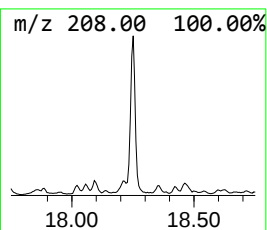
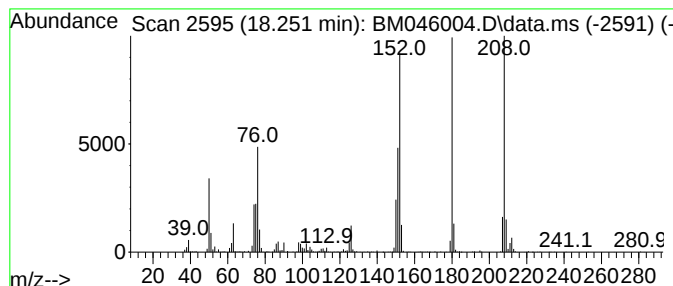
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	13.87 ng/ul	1461310	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione			208	C14H8O2	000084-65-1	99
3	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	95
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
5	9,10-Anthracenedione			208	C14H8O2	000084-65-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
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Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

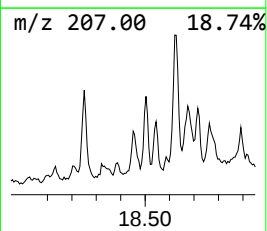
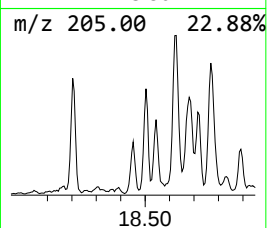
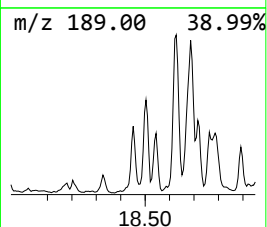
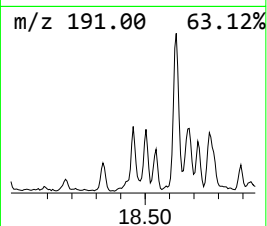
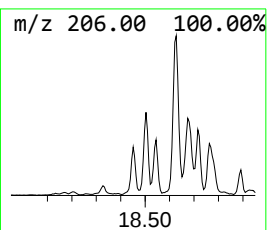
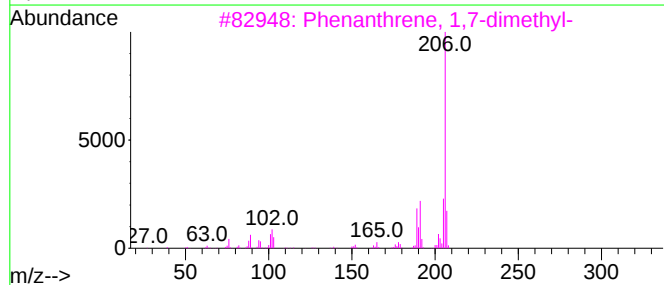
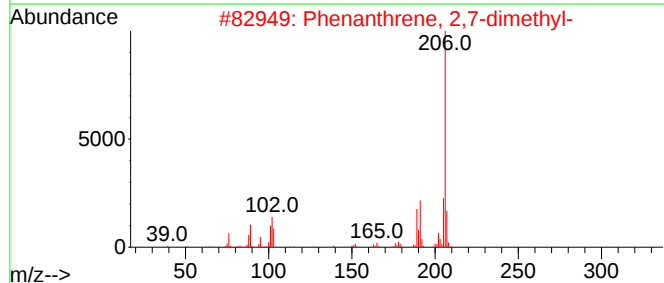
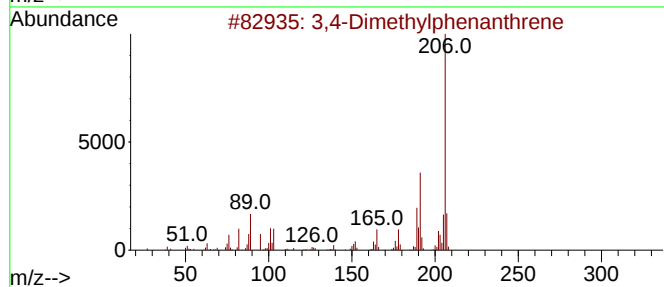
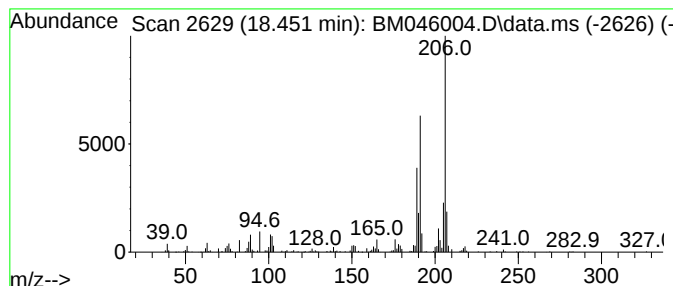
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 3,4-Dimethylphenanthrene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.451	4.24 ng/ul	446756	Phenanthrene-d10		16.821	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene		206	C16H14	1000452-24-5	93
2	Phenanthrene, 2,7-dimethyl-		206	C16H14	001576-69-8	90
3	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	81
4	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	81
5	di-p-Tolylacetylene		206	C16H14	002789-88-0	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
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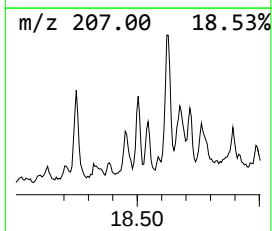
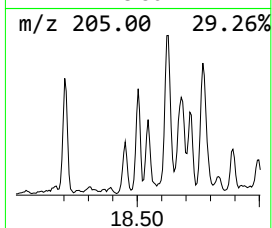
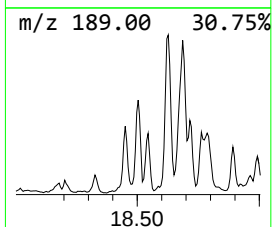
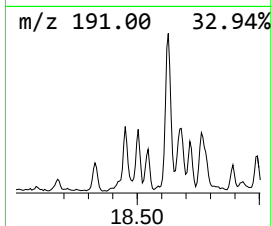
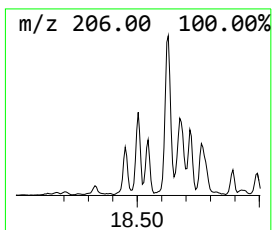
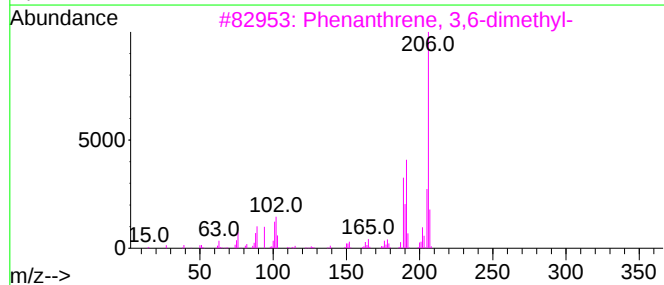
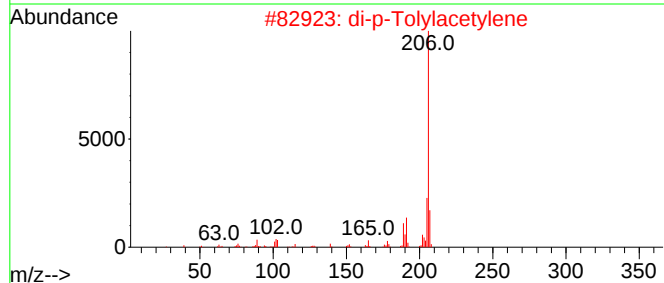
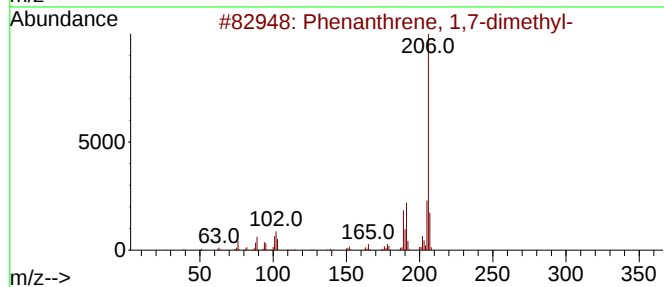
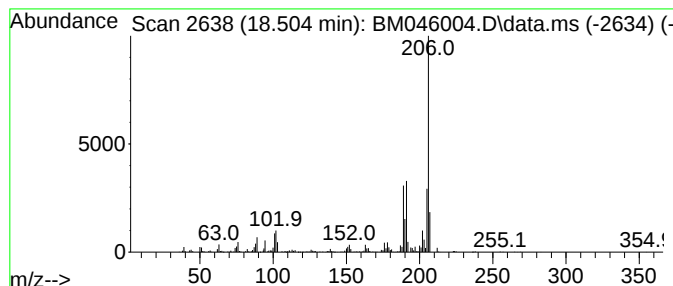
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Phenanthrene, 1,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.504	5.33 ng/ul	561730	Phenanthrene-d10	16.821	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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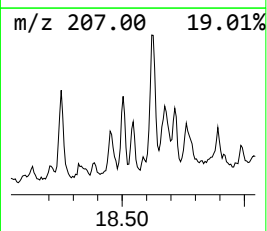
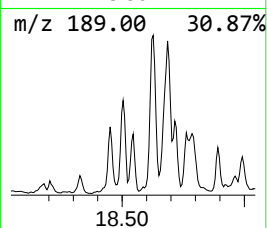
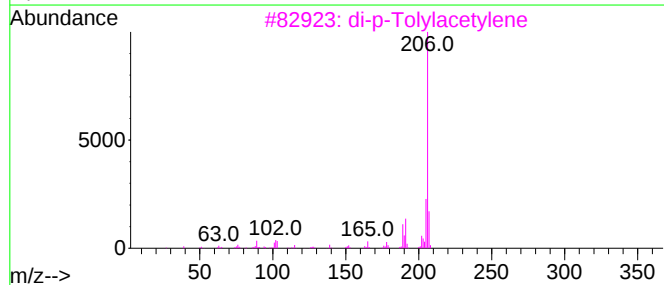
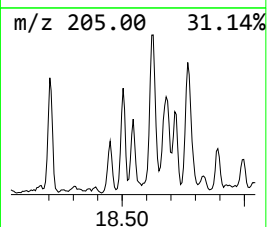
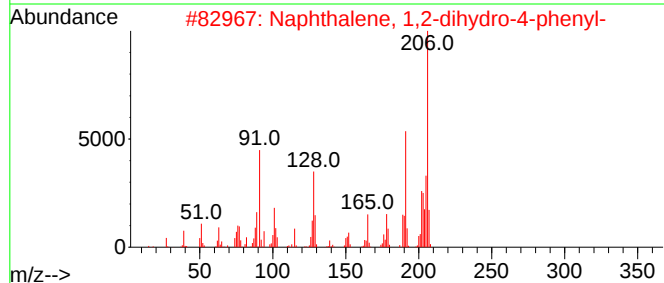
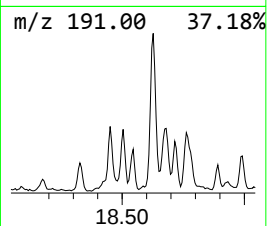
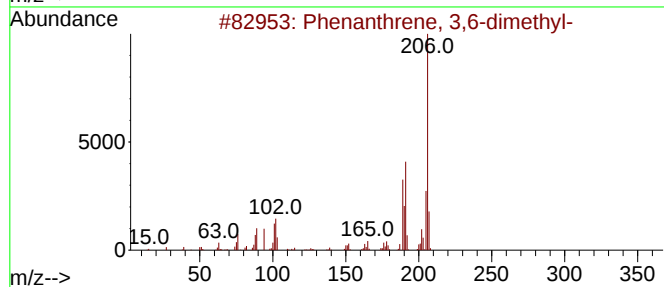
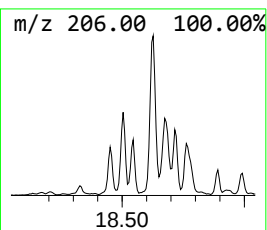
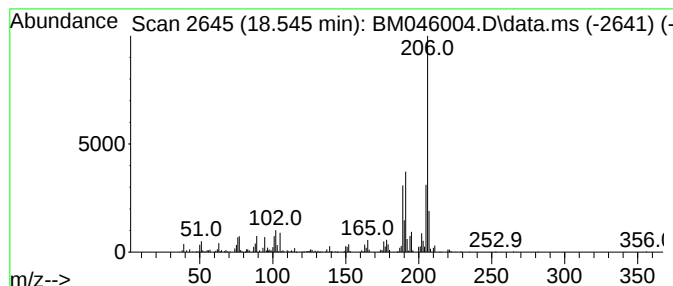
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Phenanthrene, 3,6-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	4.27 ng/ul	450066	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	93
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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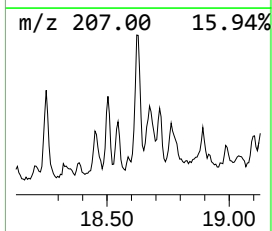
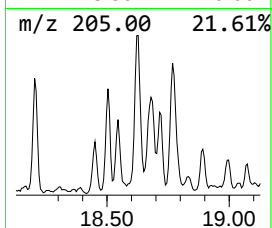
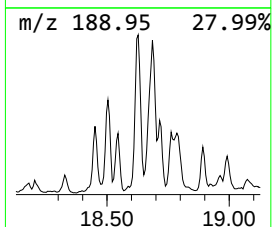
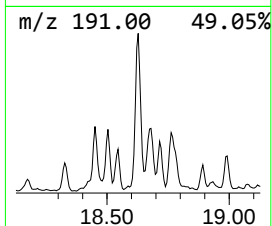
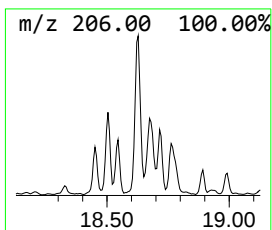
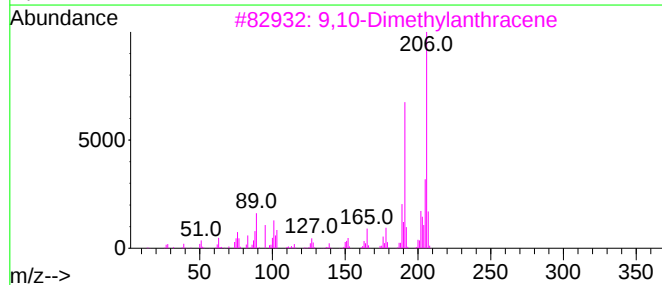
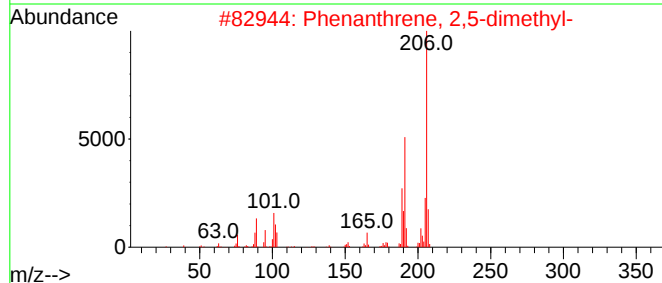
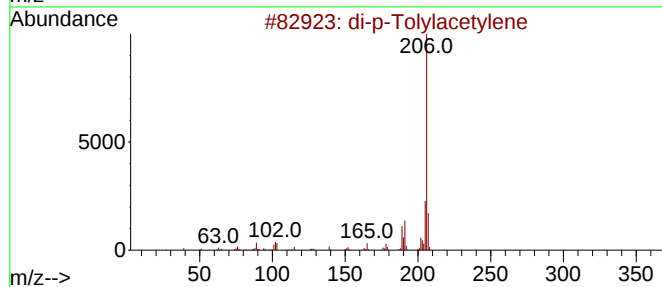
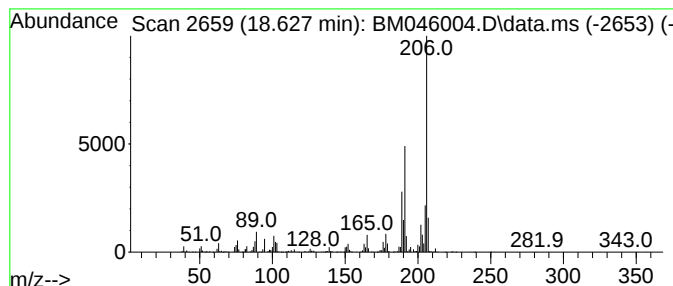
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.627	14.59 ng/ul	1536250	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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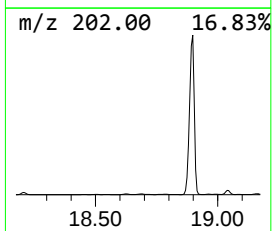
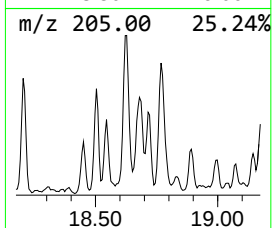
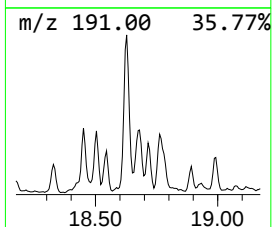
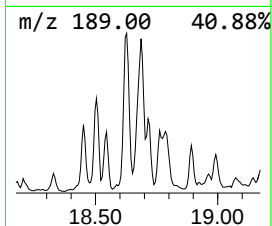
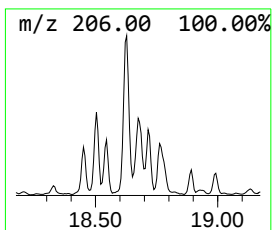
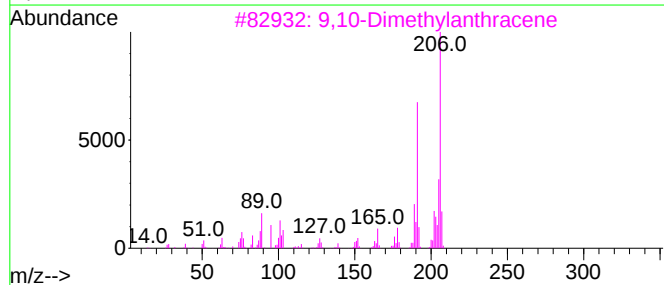
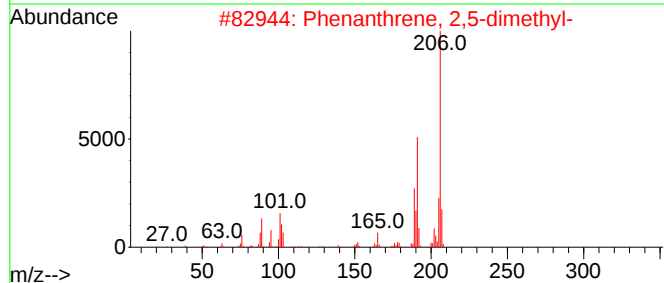
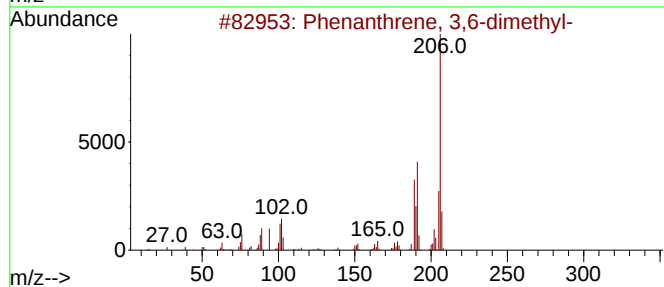
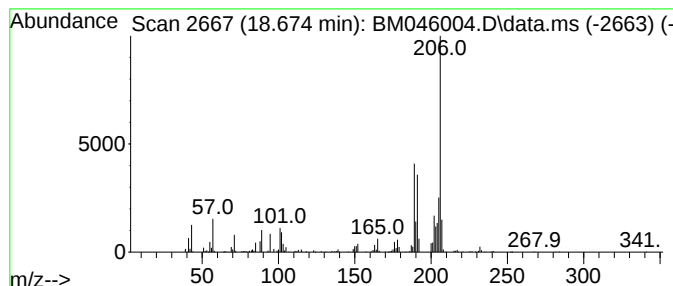
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.674	10.59 ng/ul	1115410	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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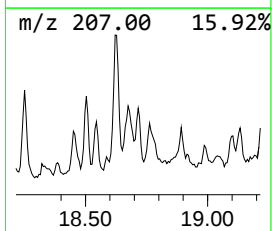
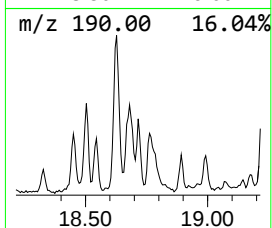
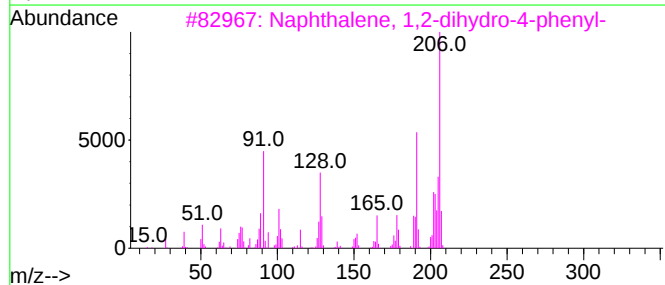
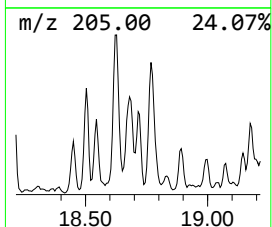
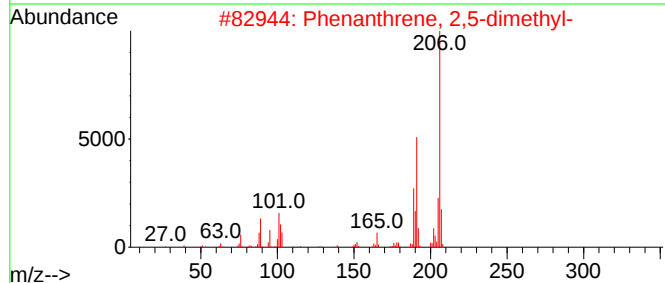
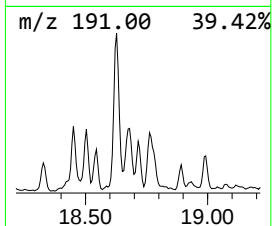
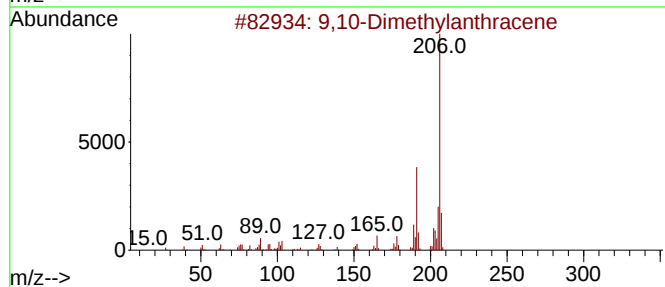
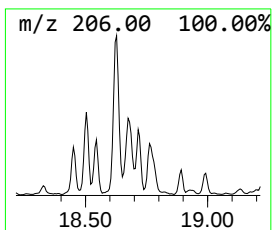
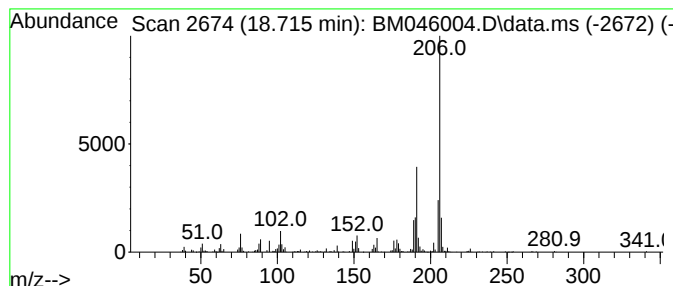
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 9,10-Dimethylantracene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.715	3.52 ng/ul	370395	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	90
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
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Operator : MA/JU
Sample : P2659-01
Misc :
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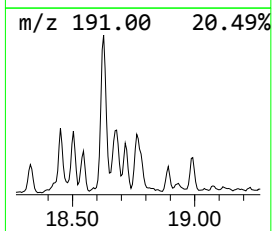
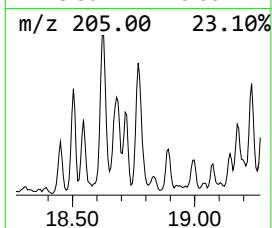
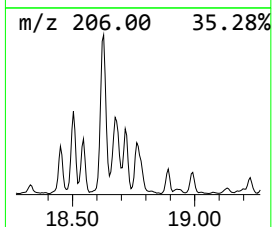
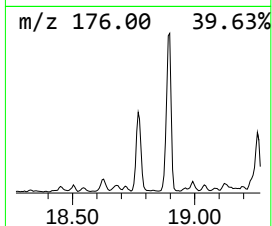
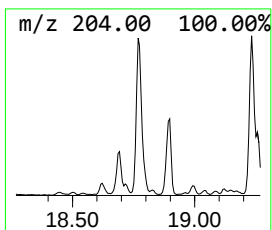
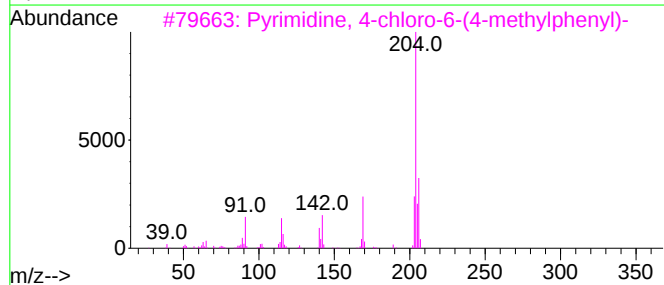
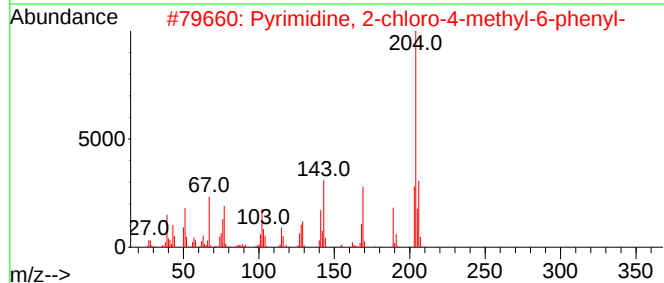
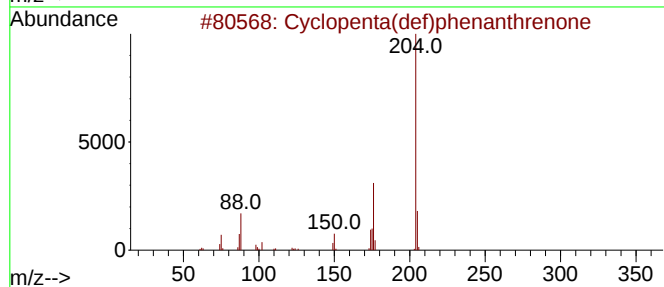
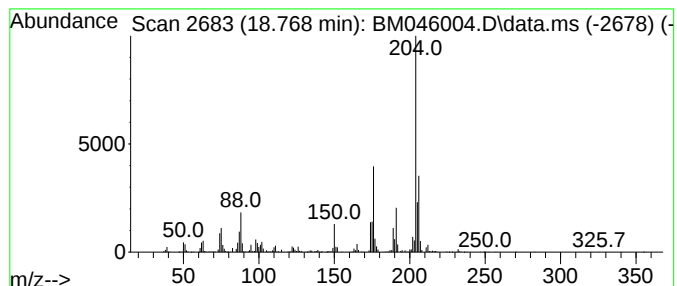
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.768	14.24 ng/ul	1499800	Phenanthrene-d10	16.821	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
3	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
4	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	43
5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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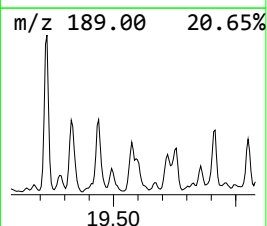
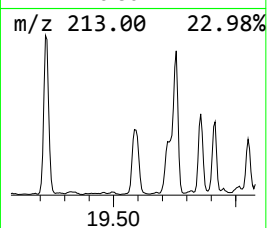
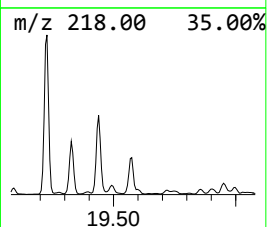
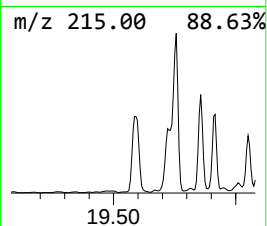
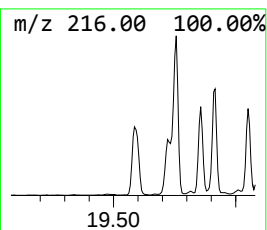
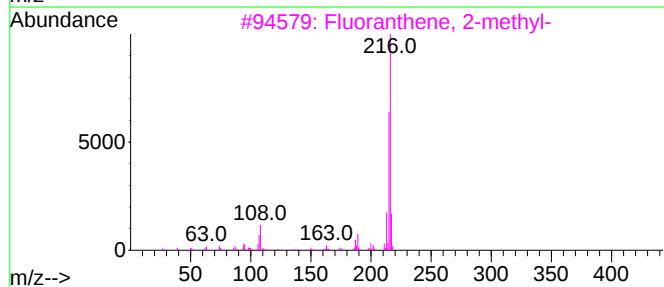
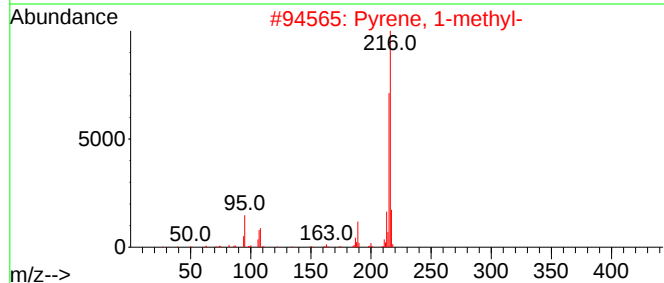
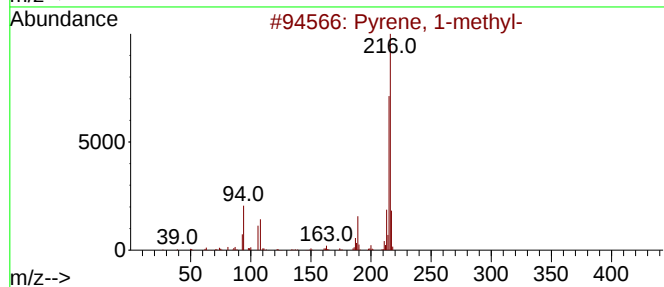
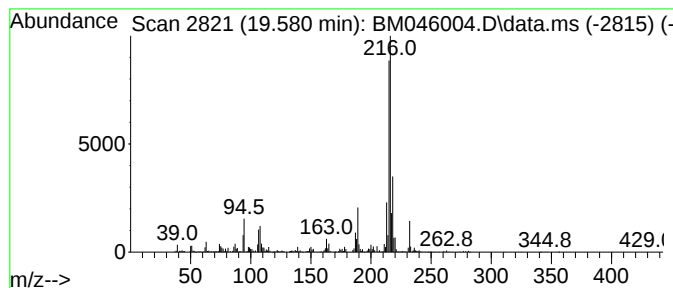
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Pyrene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.580	4.08 ng/ul	2517870	Chrysene-d12	21.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12		002381-21-7	95
2	Pyrene, 1-methyl-		216	C17H12		002381-21-7	94
3	Fluoranthene, 2-methyl-		216	C17H12		033543-31-6	92
4	11H-Benzo[a]fluorene		216	C17H12		000238-84-6	90
5	11H-Benzo[b]fluorene		216	C17H12		000243-17-4	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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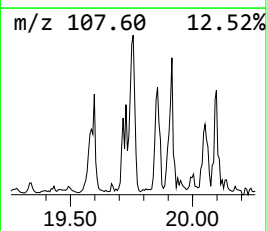
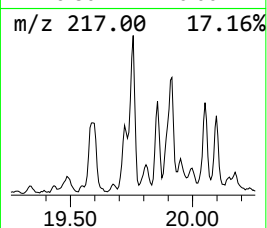
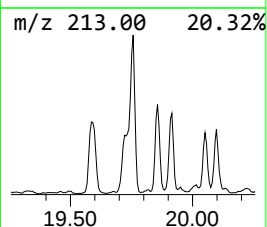
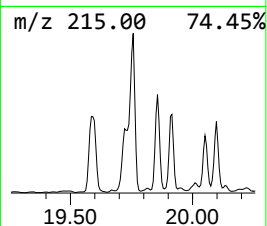
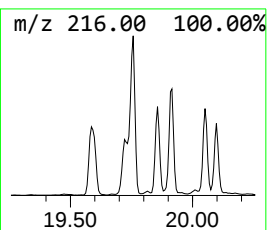
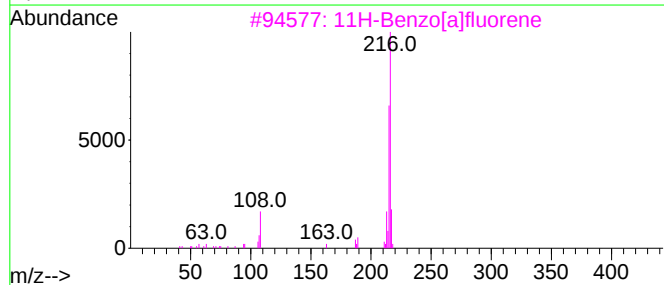
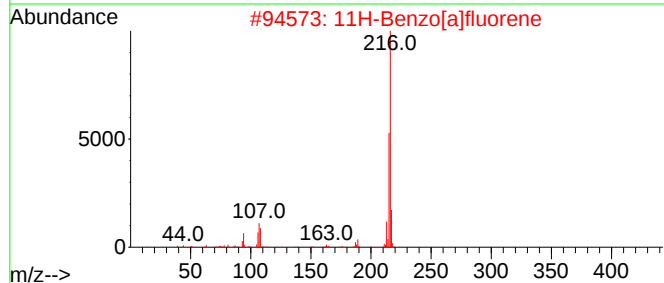
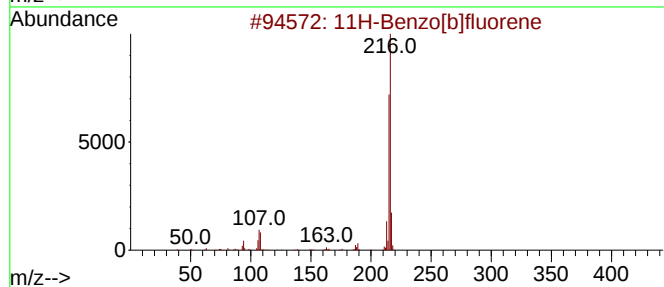
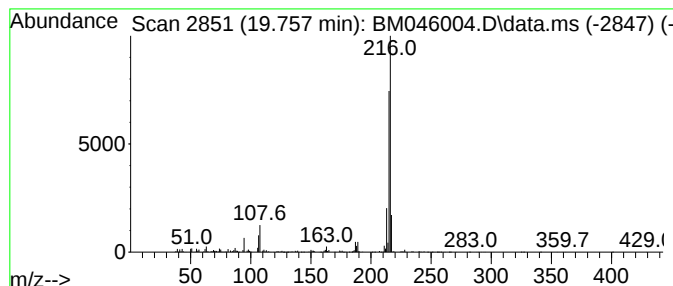
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 11H-Benzo[b]fluorene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.756	3.68 ng/ul	2268340	Chrysene-d12	21.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC24

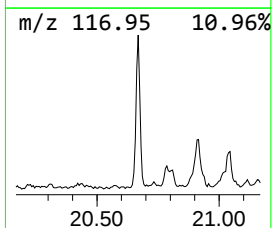
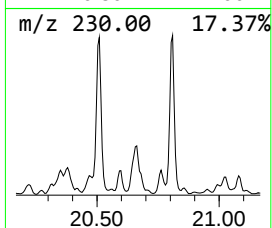
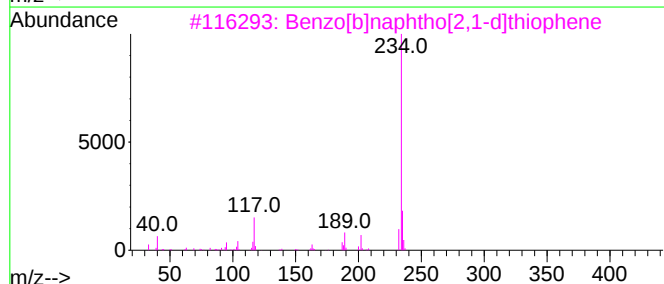
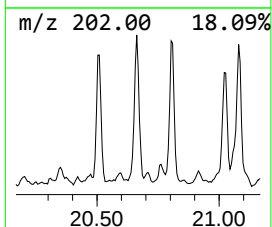
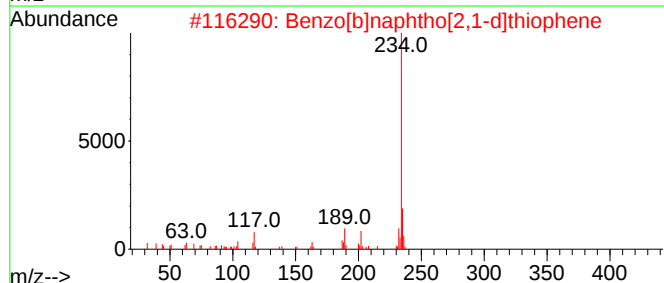
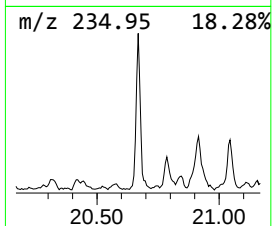
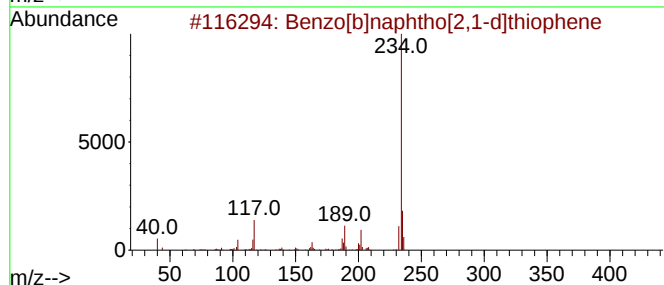
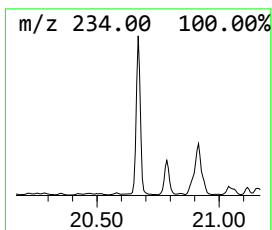
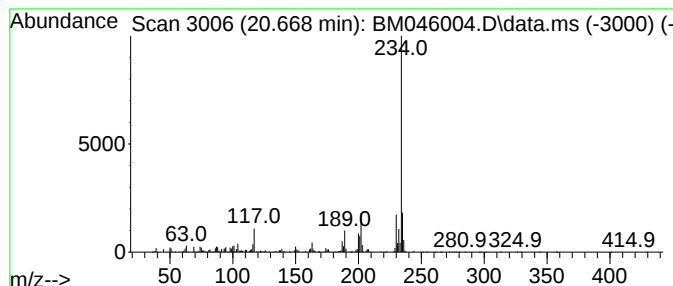
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.668	3.42 ng/ul	2110580	Chrysene-d12	21.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
5			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

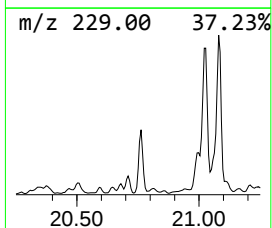
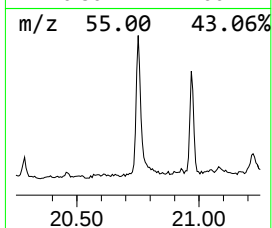
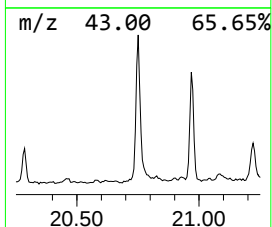
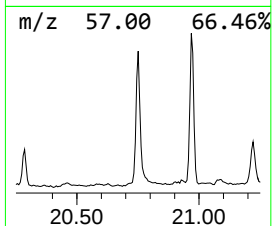
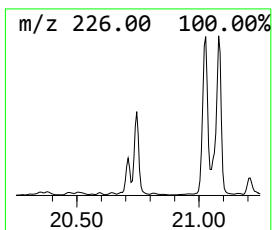
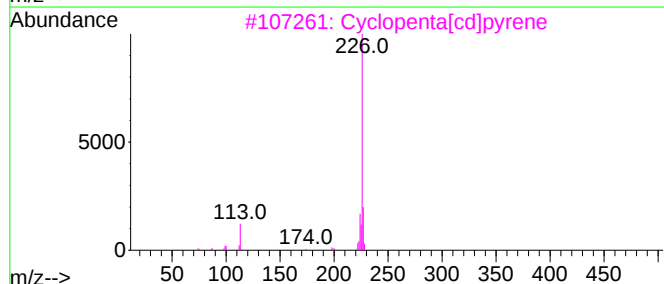
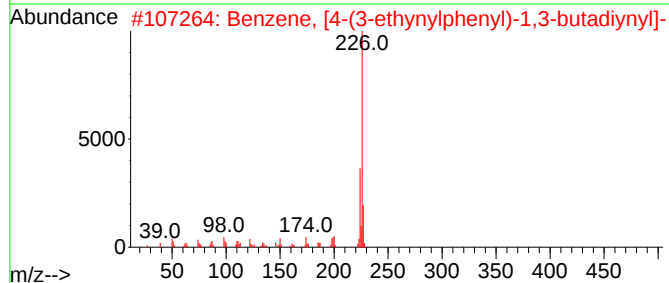
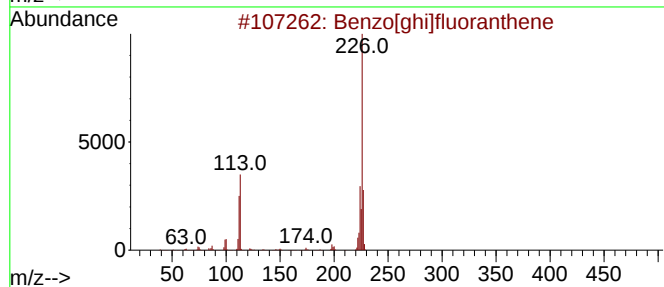
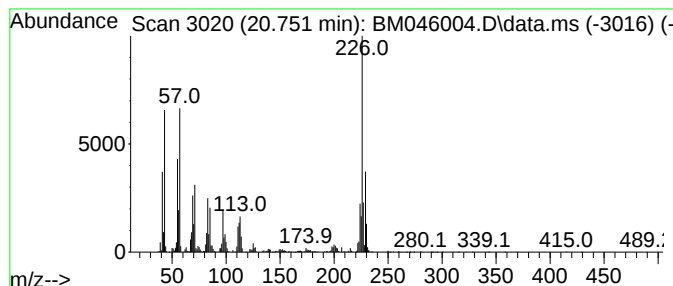
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Benzo[ghi]fluoranthene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.751	4.70 ng/ul	2895560	Chrysene-d12	21.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	55
2	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	50
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
5	Diheptylisobutylamine	269	C18H39N	1000310-32-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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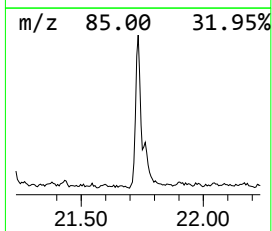
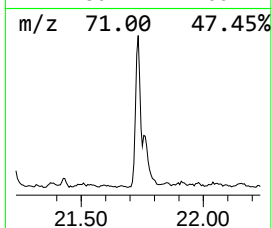
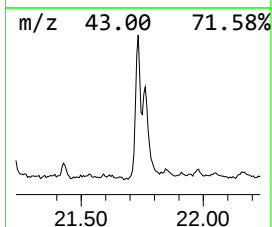
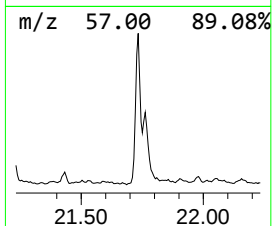
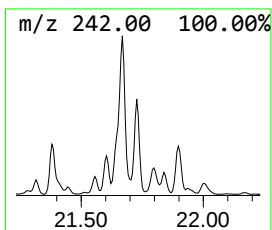
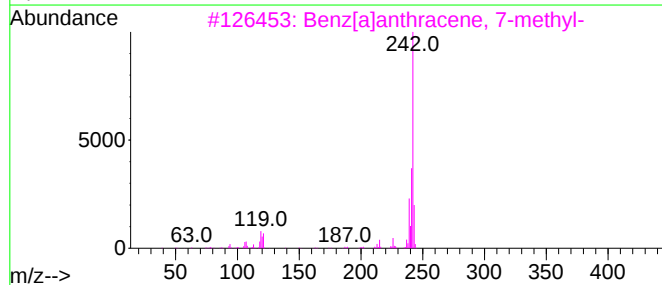
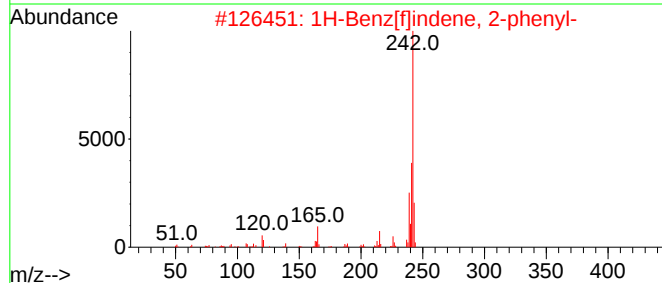
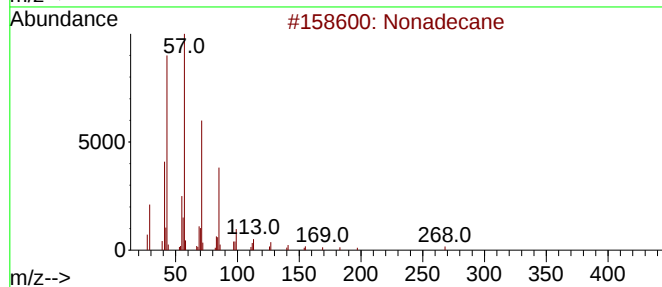
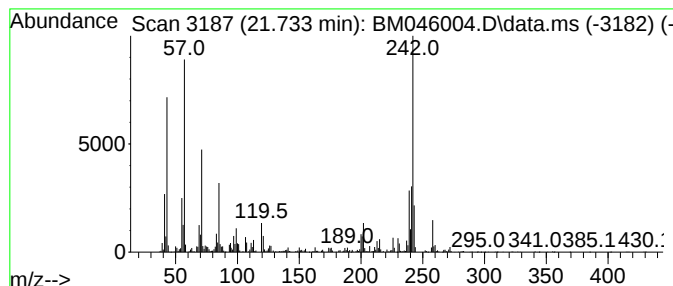
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.733	3.15 ng/ul	1942840	Chrysene-d12	21.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	90
3			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
4			Chrysene, 6-methyl-	242	C19H14	001705-85-7	83
5			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

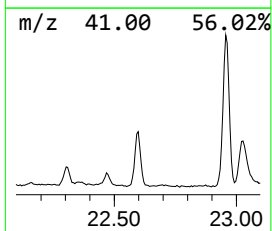
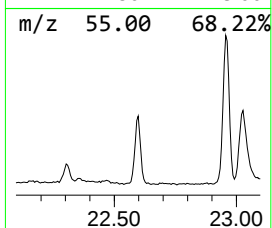
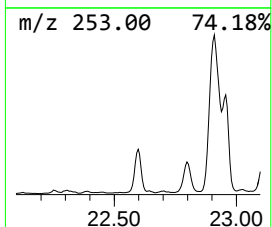
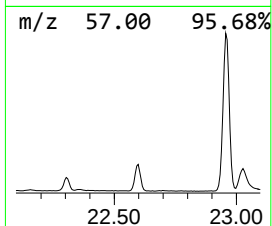
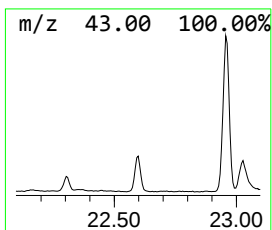
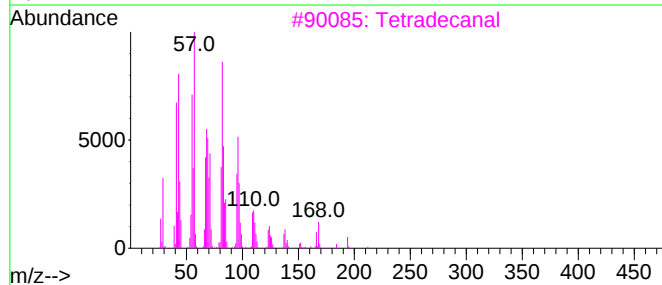
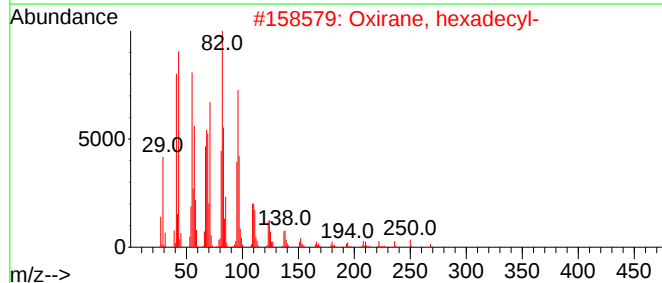
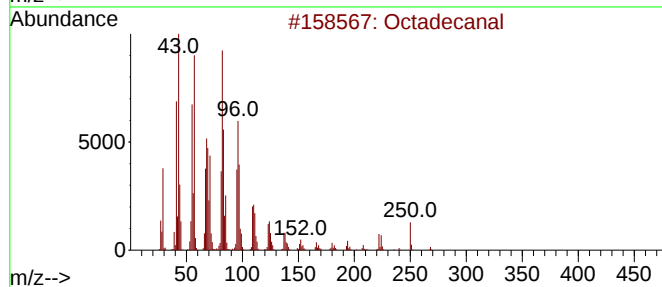
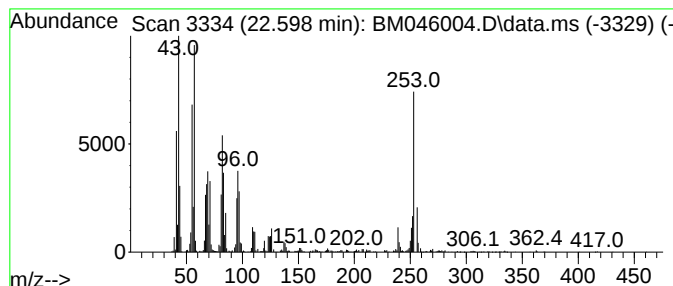
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 37 Octadecanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.598	20.64 ng/ul	2470600	Perylene-d12	23.744	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	86
3	Tetradecanal	212	C14H28O	000124-25-4	55
4	E-7-Tetradecenol	212	C14H28O	037011-95-3	51
5	1,19-Eicosadiene	278	C20H38	014811-95-1	51



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

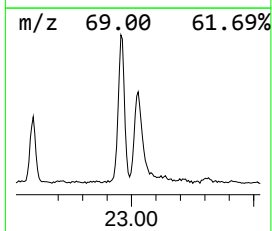
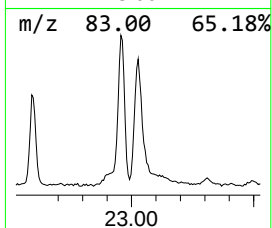
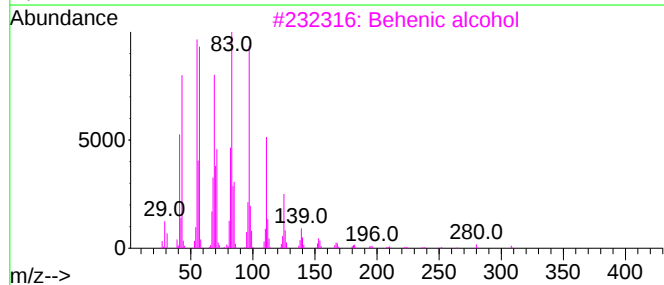
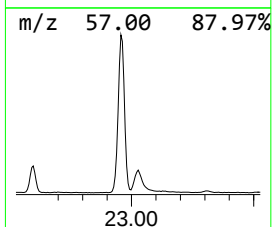
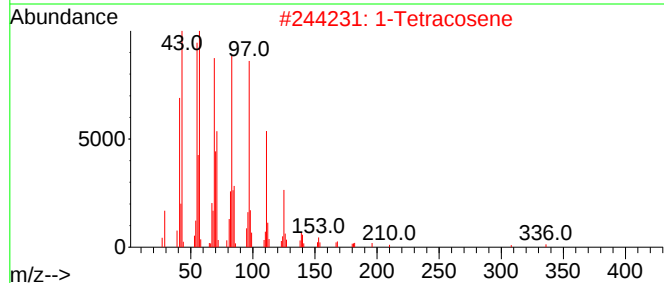
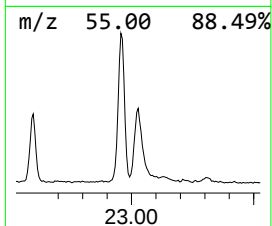
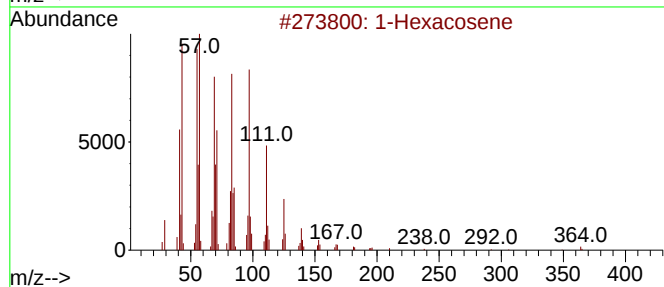
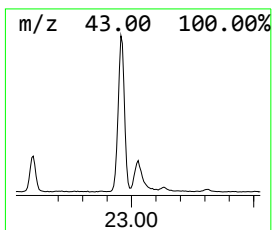
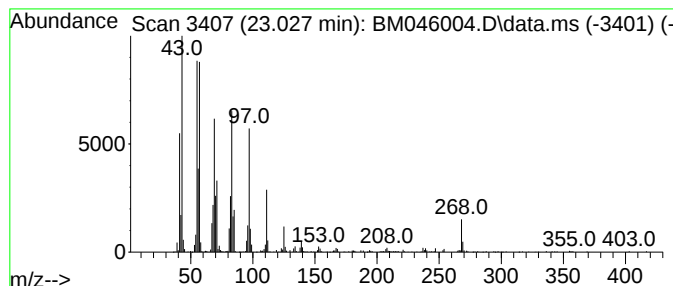
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.027	17.42 ng/ul	2085060	Perylene-d12	23.744	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	91
2	1-Tetracosene	336	C24H48	010192-32-2	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	Pentafluoropropionic acid, hexadecyl ester	388	C19H33F5O2	006222-07-7	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
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Sample : P2659-01
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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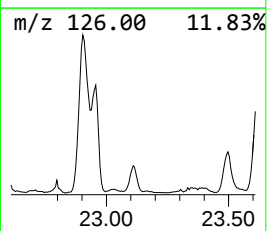
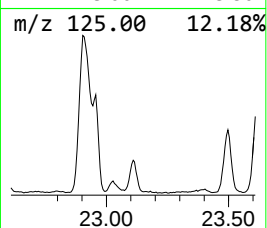
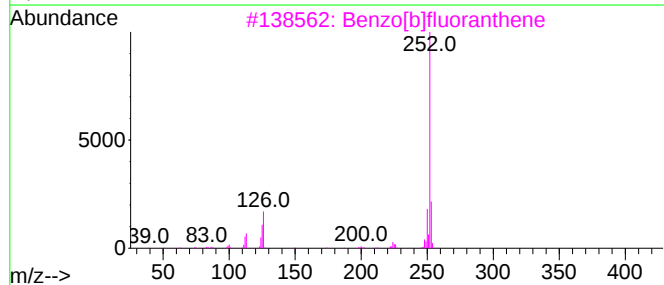
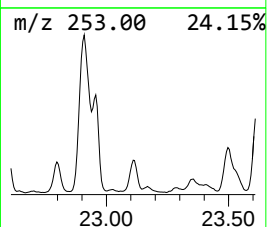
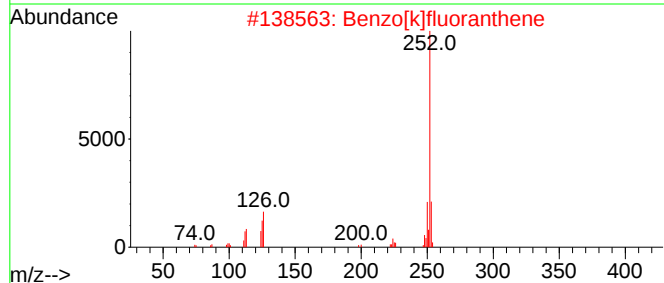
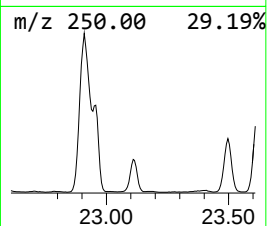
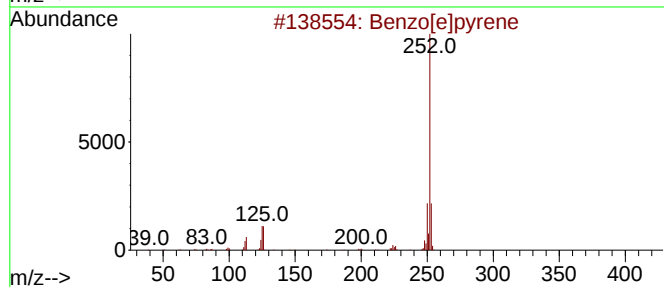
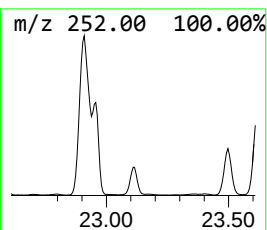
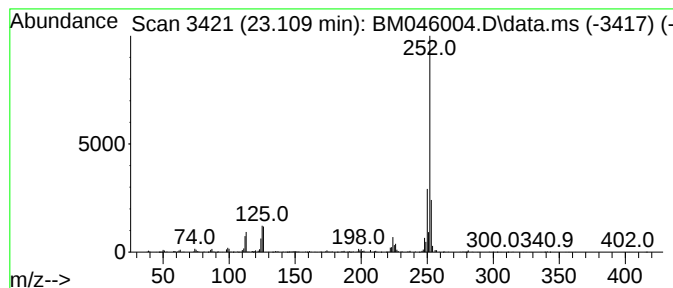
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.109	12.16 ng/ul	1454960	Perylene-d12	23.744

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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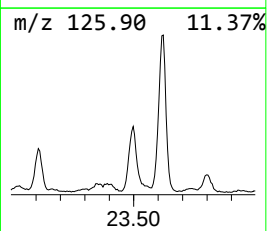
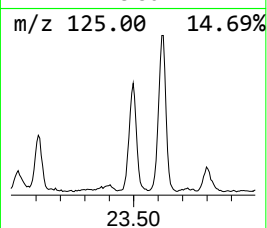
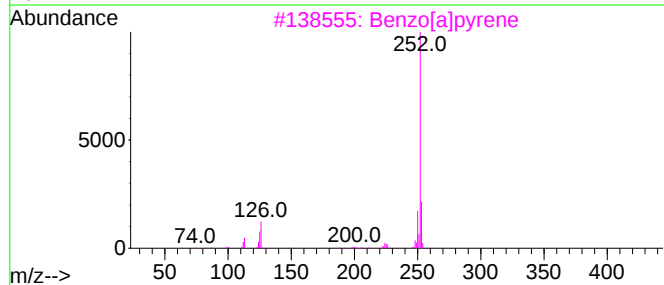
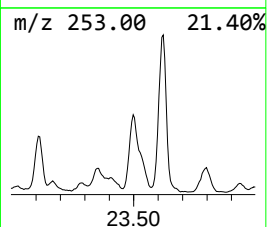
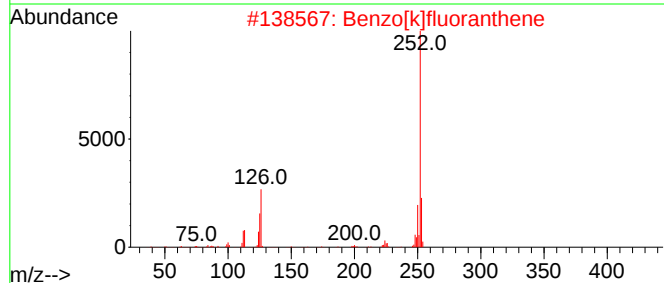
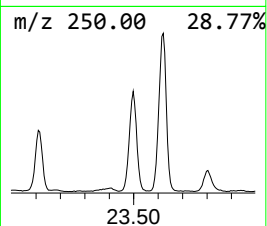
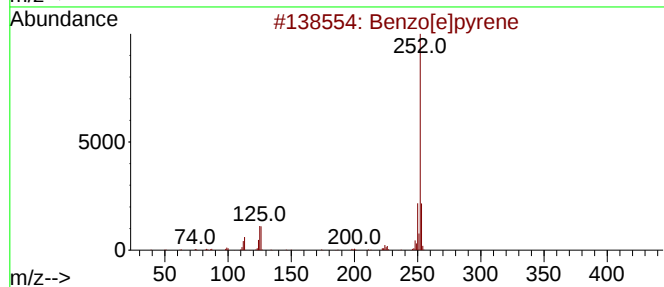
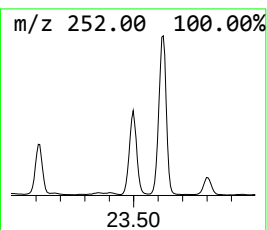
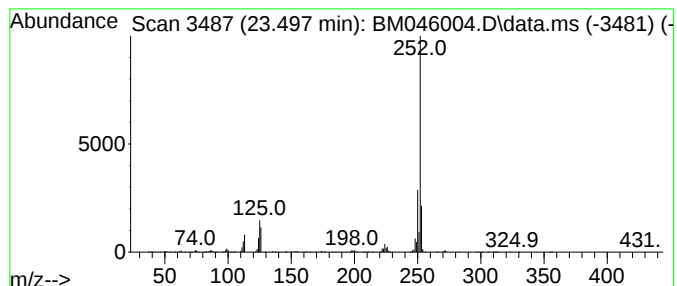
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 Benzo[j]fluoranthene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.497	15.92 ng/ul	1905250	Perylene-d12	23.744

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC24

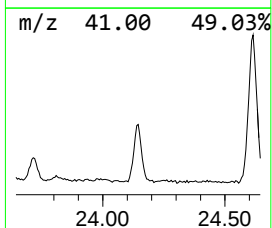
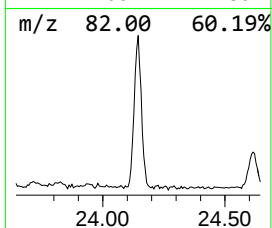
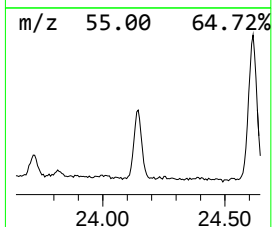
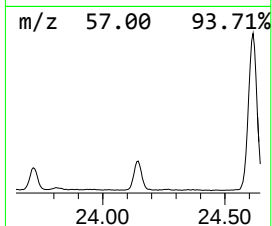
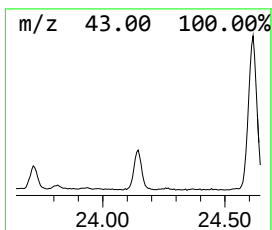
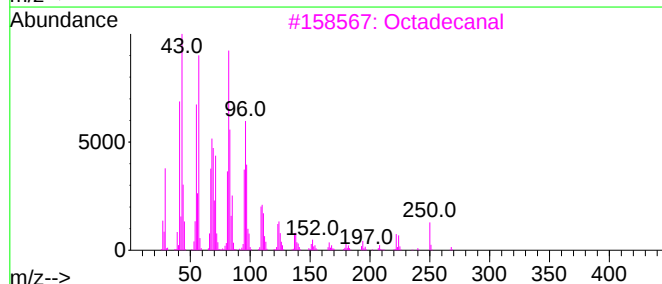
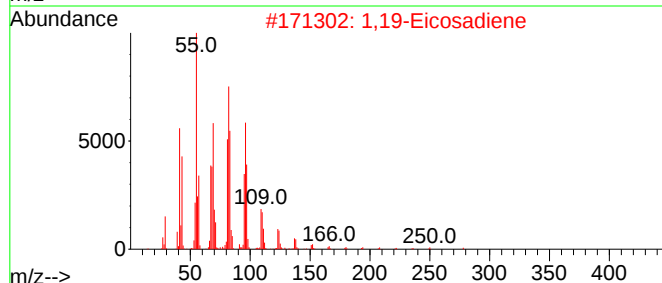
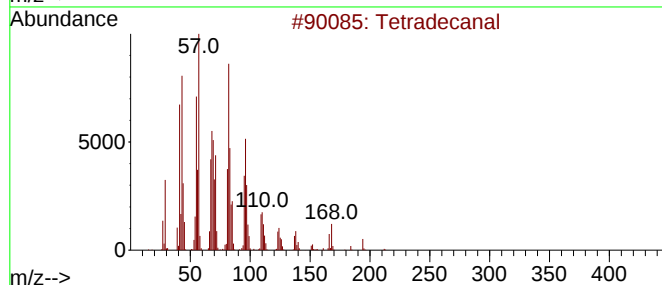
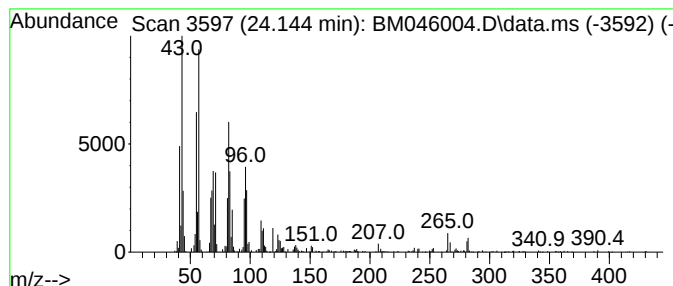
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 Tetradecanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.145	16.54 ng/ul	1978980	Perylene-d12	23.744

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanal	212	C14H28O	000124-25-4	89
2			1,19-Eicosadiene	278	C20H38	014811-95-1	89
3			Octadecanal	268	C18H36O	000638-66-4	87
4			Octadecanal	268	C18H36O	000638-66-4	83
5			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

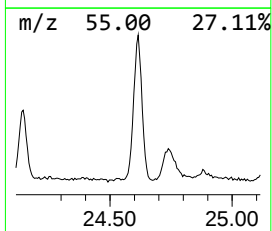
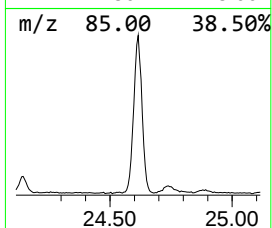
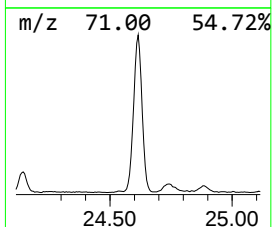
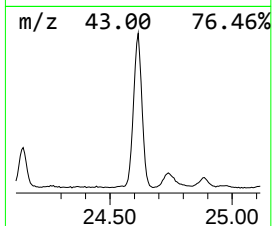
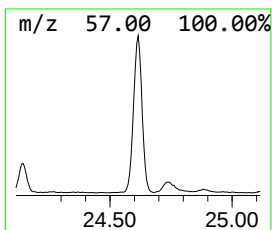
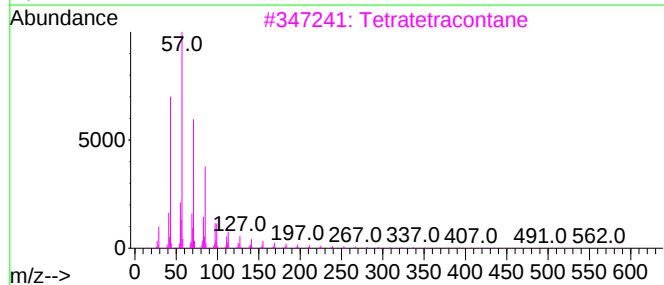
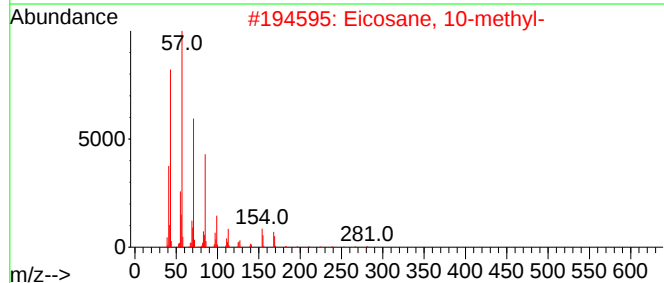
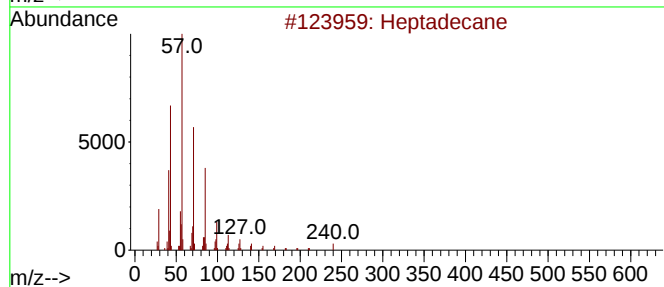
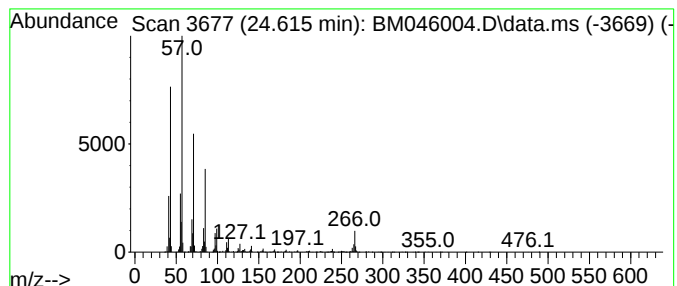
Instrument :
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ClientSampleId :
BHC24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
24.615	30.70 ng/ul	3674420	Perylene-d12		23.744	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Eicosane, 10-methyl-		296	C21H44	054833-23-7	89
3	Tetratetracontane		619	C44H90	007098-22-8	87
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	87
5	Hexacosane		366	C26H54	000630-01-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046004.D
Acq On : 12 Jun 2024 19:59
Operator : MA/JU
Sample : P2659-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC24

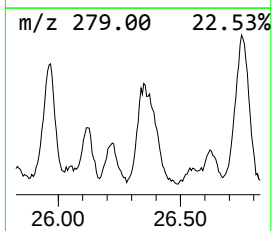
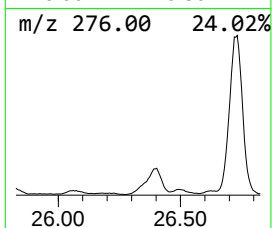
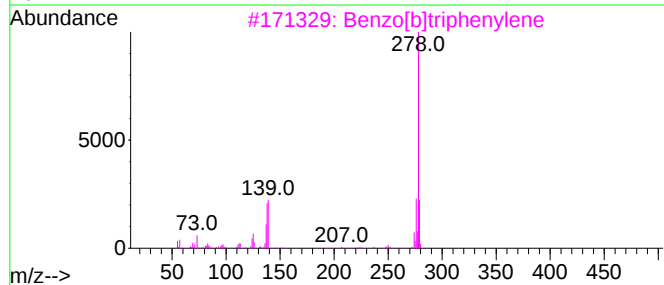
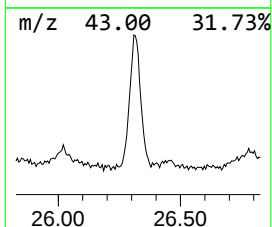
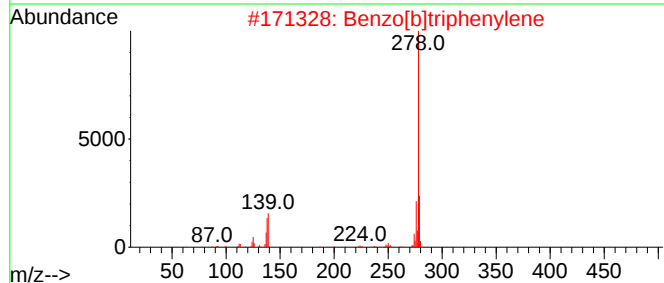
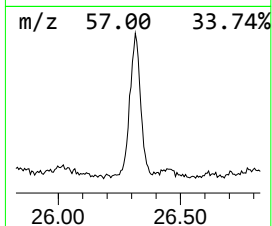
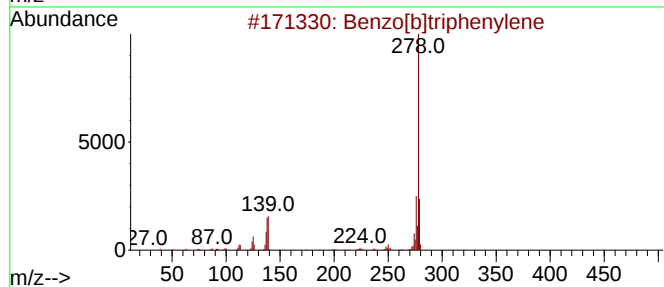
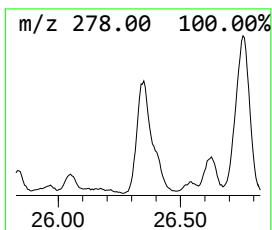
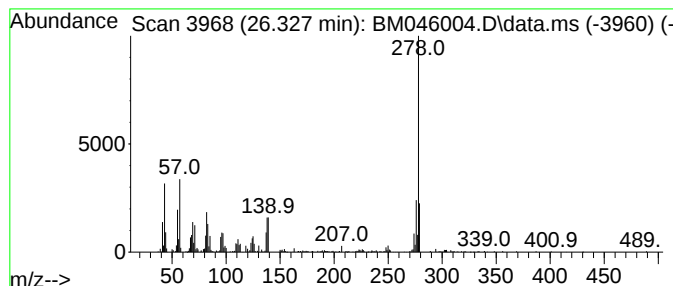
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.327	8.95 ng/ul	1071620	Perylene-d12	23.744

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2			Benzo[b]triphenylene	278	C22H14	000215-58-7	93
3			Benzo[b]triphenylene	278	C22H14	000215-58-7	90
4			Picene	278	C22H14	000213-46-7	90
5			Picene	278	C22H14	000213-46-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046004.D
 Acq On : 12 Jun 2024 19:59
 Operator : MA/JU
 Sample : P2659-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.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
1-Phenoxypropan...	10.998	4.2	ng/ul	275244	2	10.198	1297600	20.0
1(2H)-Acenaphth...	15.816	4.8	ng/ul	500754	4	16.821	2106610	20.0
9H-Fluoren-9-one	16.486	4.8	ng/ul	501206	4	16.821	2106610	20.0
Naphtho[2,1-b]t...	16.645	4.9	ng/ul	518152	4	16.821	2106610	20.0
Acridine	17.027	3.5	ng/ul	365586	4	16.821	2106610	20.0
Anthracene, 9-e...	17.351	3.9	ng/ul	413465	4	16.821	2106610	20.0
Dibenzothiophen...	17.404	4.5	ng/ul	468194	4	16.821	2106610	20.0
unknown-01	17.551	6.7	ng/ul	701400	4	16.821	2106610	20.0
Phenanthrene, 2...	17.698	16.0	ng/ul	1682700	4	16.821	2106610	20.0
Phenanthrene, 1...	17.751	29.9	ng/ul	3154270	4	16.821	2106610	20.0
Benzaldehyde, 3...	17.886	26.1	ng/ul	2748360	4	16.821	2106610	20.0
1H-Cyclopropa[1...	17.927	12.0	ng/ul	1261620	4	16.821	2106610	20.0
Tricyclo[8.2.2...	18.204	8.8	ng/ul	928620	4	16.821	2106610	20.0
9,10-Anthracene...	18.251	13.9	ng/ul	1461310	4	16.821	2106610	20.0
3,4-Dimethylphe...	18.451	4.2	ng/ul	446756	4	16.821	2106610	20.0
Phenanthrene, 1...	18.504	5.3	ng/ul	561730	4	16.821	2106610	20.0
Phenanthrene, 3...	18.545	4.3	ng/ul	450066	4	16.821	2106610	20.0
di-p-Tolylacety...	18.627	14.6	ng/ul	1536250	4	16.821	2106610	20.0
Phenanthrene, 2...	18.674	10.6	ng/ul	1115410	4	16.821	2106610	20.0
9,10-Dimethylan...	18.715	3.5	ng/ul	370395	4	16.821	2106610	20.0
Cyclopenta(def)...	18.768	14.2	ng/ul	1499800	4	16.821	2106610	20.0
Pyrene, 1-methyl-	19.580	4.1	ng/ul	2517870	5	21.039	12328800	20.0
11H-Benzo[b]flu...	19.756	3.7	ng/ul	2268340	5	21.039	12328800	20.0
Benzo[b]naphtho...	20.668	3.4	ng/ul	2110580	5	21.039	12328800	20.0
Benzo[ghi]fluor...	20.751	4.7	ng/ul	2895560	5	21.039	12328800	20.0
(DEL) Alkane: S...	21.733	3.1	ng/ul	1942840	5	21.039	12328800	20.0
Octadecanal	22.598	20.6	ng/ul	2470600	6	23.744	2393580	20.0
(DEL) Alkane: S...	23.027	17.4	ng/ul	2085060	6	23.744	2393580	20.0
Benzo[e]pyrene	23.109	12.2	ng/ul	1454960	6	23.744	2393580	20.0
Benzo[j]fluoran...	23.497	15.9	ng/ul	1905250	6	23.744	2393580	20.0
Tetradecanal	24.145	16.5	ng/ul	1978980	6	23.744	2393580	20.0
(DEL) Alkane: S...	24.615	30.7	ng/ul	3674420	6	23.744	2393580	20.0
Benzo[b]triphen...	26.327	8.9	ng/ul	1071620	6	23.744	2393580	20.0