

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046022.D
 Acq On : 13 Jun 2024 13:59
 Operator : MA/JU
 Sample : P2648-09 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHBZ8

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: BM046022.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.528	88	92	99	rVV	76484	117483	1.71%	0.148%
2	3.722	121	125	133	rVB	42441	67388	0.98%	0.085%
3	6.693	624	630	644	rVV	218237	466756	6.78%	0.588%
4	6.804	644	649	660	rVV	149036	274332	3.98%	0.346%
5	6.998	672	682	691	rBV	259142	441385	6.41%	0.556%
6	7.434	749	756	767	rBV	585663	937491	13.61%	1.181%
7	7.975	840	848	855	rBV5	25986	57107	0.83%	0.072%
8	8.210	881	888	897	rBV	249732	492737	7.16%	0.621%
9	8.287	897	901	909	rVV2	35447	75108	1.09%	0.095%
10	8.604	948	955	964	rVV	243108	436039	6.33%	0.549%
11	9.310	1069	1075	1087	rVB3	200274	362593	5.27%	0.457%
12	9.869	1161	1170	1185	rBV	209788	492244	7.15%	0.620%
13	10.198	1218	1226	1232	rBV	735938	1312597	19.06%	1.653%
14	10.245	1232	1234	1242	rVB	103554	165294	2.40%	0.208%
15	11.875	1506	1511	1520	rVB	68030	117647	1.71%	0.148%
16	12.098	1544	1549	1556	rVV	70488	126353	1.83%	0.159%
17	12.916	1679	1688	1696	rBV3	48739	97911	1.42%	0.123%
18	13.398	1764	1770	1775	rVV3	68107	115325	1.67%	0.145%
19	13.451	1775	1779	1783	rVV	43138	58036	0.84%	0.073%
20	13.527	1787	1792	1806	rBV	441835	706301	10.26%	0.890%
21	13.769	1827	1833	1837	rBV2	537887	887045	12.88%	1.117%
22	14.075	1878	1885	1892	rBV	1052114	1598431	23.21%	2.014%
23	14.139	1892	1896	1906	rVB	97839	175479	2.55%	0.221%
24	14.386	1933	1938	1949	rBV2	158541	321274	4.67%	0.405%
25	14.486	1950	1955	1963	rVB2	133029	213235	3.10%	0.269%
26	14.563	1963	1968	1974	rVB2	63753	97739	1.42%	0.123%
27	14.704	1987	1992	1998	rBV3	33871	65892	0.96%	0.083%
28	14.757	1998	2001	2013	rVB4	35219	75601	1.10%	0.095%
29	14.874	2013	2021	2024	rBV4	36564	77433	1.12%	0.098%
30	14.957	2030	2035	2040	rVB4	47471	66910	0.97%	0.084%
31	15.074	2050	2055	2060	rBV	668332	950310	13.80%	1.197%
32	15.133	2060	2065	2071	rVB	149893	215607	3.13%	0.272%
33	15.227	2076	2081	2085	rBV	194677	284305	4.13%	0.358%
34	15.433	2111	2116	2127	rVB2	62730	101432	1.47%	0.128%
35	15.580	2137	2141	2150	rVB2	56615	124015	1.80%	0.156%
36	15.816	2176	2181	2185	rBV2	93865	152202	2.21%	0.192%

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Integrator: RTE

Smoothing : OFF

Filtering: 5

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Min Area: 0.1 % of largest Peak

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
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37	16.139	2230	2236	2241	rBV4	37678	81229	1.18%	0.102%
38	16.280	2256	2260	2266	rBV8	44865	64783	0.94%	0.082%
39	16.486	2291	2295	2303	rVB	198357	313310	4.55%	0.395%
40	16.557	2303	2307	2312	rBV2	45821	90882	1.32%	0.114%
41	16.645	2318	2322	2327	rVB	109055	157811	2.29%	0.199%
42	16.821	2347	2352	2356	rVV	1287644	1822457	26.46%	2.296%
43	16.863	2356	2359	2365	rVV	2214616	3007478	43.67%	3.789%
44	16.921	2365	2369	2372	rVV2	728360	1020053	14.81%	1.285%
45	16.957	2372	2375	2382	rVB	701970	915490	13.29%	1.153%
46	17.027	2383	2387	2392	rVV2	61161	98393	1.43%	0.124%
47	17.145	2404	2407	2412	rVB3	52624	73064	1.06%	0.092%
48	17.245	2416	2424	2431	rBV	273394	485916	7.06%	0.612%
49	17.345	2437	2441	2448	rBV6	60045	127443	1.85%	0.161%
50	17.410	2448	2452	2461	rVB4	82799	166499	2.42%	0.210%
51	17.698	2496	2501	2505	rBV	340217	442483	6.43%	0.557%
52	17.751	2505	2510	2517	rVV2	1188796	1952283	28.35%	2.459%
53	17.815	2517	2521	2528	rVV2	458109	790700	11.48%	0.996%
54	17.886	2528	2533	2537	rVV2	429086	761827	11.06%	0.960%
55	17.927	2537	2540	2548	rVB	255409	376997	5.47%	0.475%
56	18.021	2552	2556	2559	rBV3	77408	111921	1.63%	0.141%
57	18.098	2566	2569	2573	rVB5	43163	58048	0.84%	0.073%
58	18.204	2583	2587	2591	rBV	226143	305075	4.43%	0.384%
59	18.251	2591	2595	2600	rVB	353483	483261	7.02%	0.609%
60	18.415	2619	2623	2626	rBV3	79601	135104	1.96%	0.170%
61	18.451	2626	2629	2634	rVV2	118547	198377	2.88%	0.250%
62	18.504	2635	2638	2641	rVV	133678	175376	2.55%	0.221%
63	18.545	2642	2645	2649	rVB	100794	128056	1.86%	0.161%
64	18.627	2654	2659	2662	rBV	234282	399907	5.81%	0.504%
65	18.715	2672	2674	2678	rVB	106442	114086	1.66%	0.144%
66	18.768	2678	2683	2690	rBV2	328963	546687	7.94%	0.689%
67	18.886	2698	2703	2711	rBV	4560390	6116521	88.82%	7.705%
68	18.992	2719	2721	2725	rVB2	108893	121442	1.76%	0.153%
69	19.039	2725	2729	2735	rBV	700503	1073031	15.58%	1.352%
70	19.221	2756	2760	2762	rBV2	1321867	1737718	25.23%	2.189%
71	19.251	2762	2765	2770	rVB	3232537	4045448	58.74%	5.096%
72	19.333	2775	2779	2783	rBV2	196442	336052	4.88%	0.423%
73	19.374	2784	2786	2790	rVB	138994	161653	2.35%	0.204%
74	19.433	2793	2796	2801	rBV	203586	284950	4.14%	0.359%
75	19.498	2804	2807	2813	rVB2	205218	296766	4.31%	0.374%
76	19.580	2813	2821	2823	rBV5	322879	675333	9.81%	0.851%

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 Title : SVOA CALIBRATION

77	19.721	2841	2845	2848	rBV3	331142	646201	9.38%	0.814%
78	19.757	2848	2851	2854	rVB2	420499	535834	7.78%	0.675%
79	19.856	2865	2868	2871	rBV	208004	234295	3.40%	0.295%
80	19.909	2871	2877	2880	rBV3	499835	875571	12.71%	1.103%
81	20.051	2897	2901	2905	rBV	529530	637750	9.26%	0.803%
82	20.098	2905	2909	2915	rBV2	306221	491324	7.13%	0.619%
83	20.180	2921	2923	2926	rBV3	124157	106407	1.55%	0.134%
84	20.286	2938	2941	2944	rBV	221822	264581	3.84%	0.333%
85	20.327	2944	2948	2955	rVV	1044124	1226585	17.81%	1.545%
86	20.509	2975	2979	2985	rVB	930738	1192864	17.32%	1.503%
87	20.598	2990	2994	2998	rVV	442035	536609	7.79%	0.676%
88	20.668	2999	3006	3010	rVV3	704142	1791480	26.01%	2.257%
89	20.709	3010	3013	3015	rVV	528016	703960	10.22%	0.887%
90	20.751	3017	3020	3027	rVV5	795673	2105430	30.57%	2.652%
91	20.809	3027	3030	3036	rVB	985182	1442919	20.95%	1.818%
92	20.968	3053	3057	3061	rBV	1731910	2037883	29.59%	2.567%
93	21.027	3062	3067	3073	rVV2	3009366	6886583	100.00%	8.675%
94	21.080	3073	3076	3081	rVB	2706655	3257593	47.30%	4.104%
95	21.162	3086	3090	3094	rBV	757054	991673	14.40%	1.249%
96	21.409	3130	3132	3136	rVB	545517	606044	8.80%	0.763%
97	21.492	3143	3146	3151	rVB	478237	630339	9.15%	0.794%
98	21.603	3162	3165	3169	rBV4	416204	721372	10.48%	0.909%
99	22.909	3381	3387	3393	rBV	2164017	5650077	82.04%	7.117%
100	23.627	3504	3509	3519	rVB	1433531	3228664	46.88%	4.067%

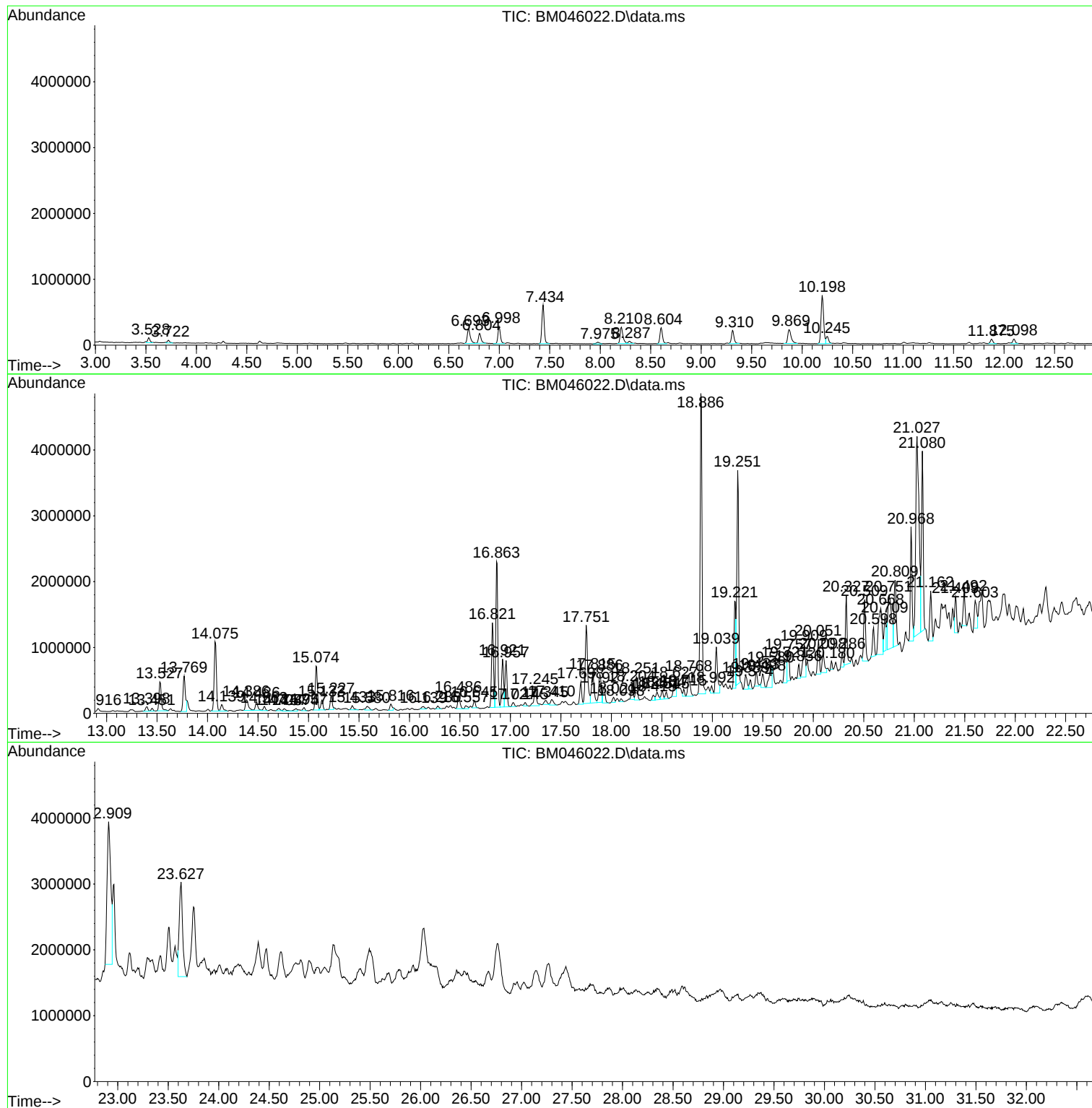
Sum of corrected areas: 79382985

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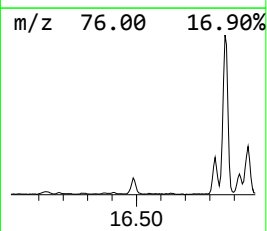
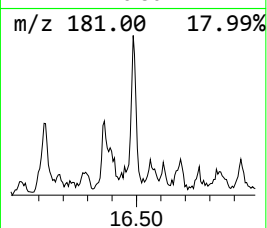
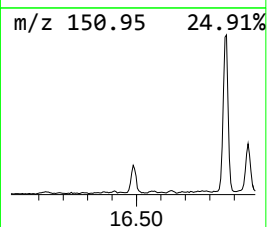
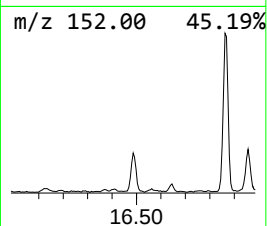
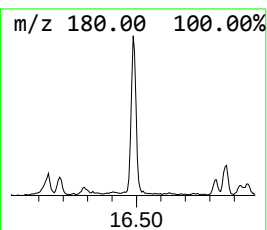
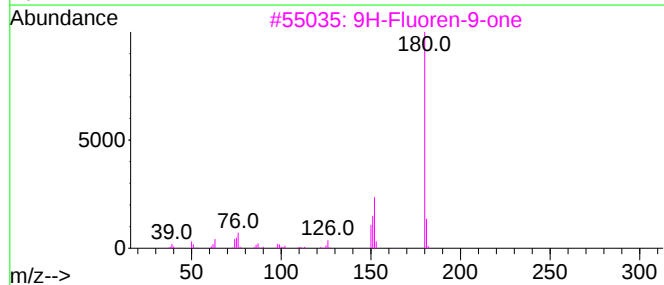
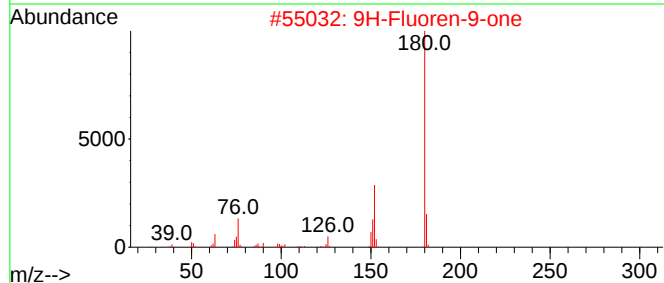
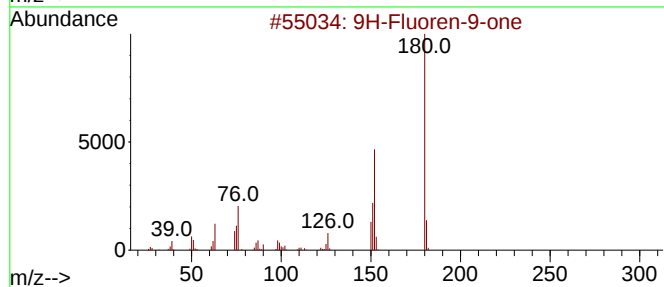
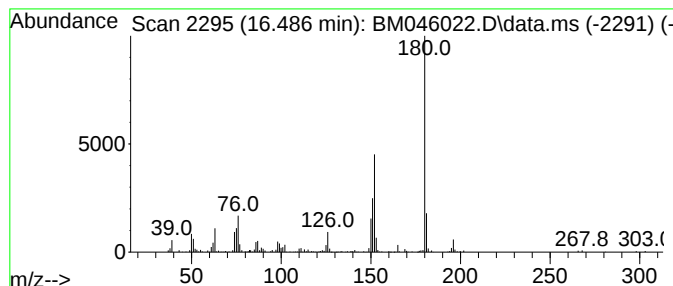
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	3.44 ng/ul	313310	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one			180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one			180	C13H8O	000486-25-9	93
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	91



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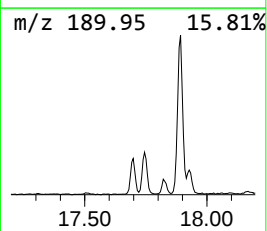
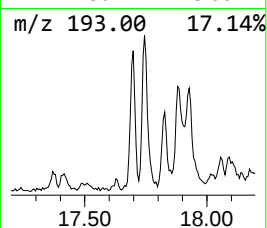
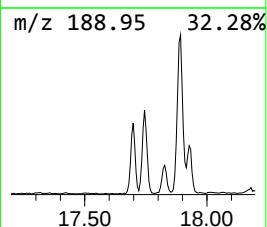
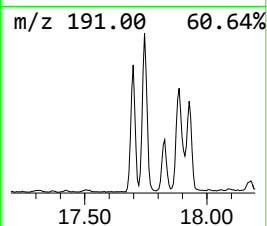
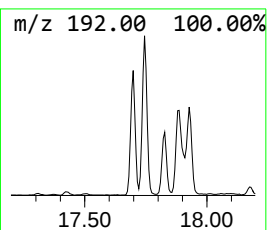
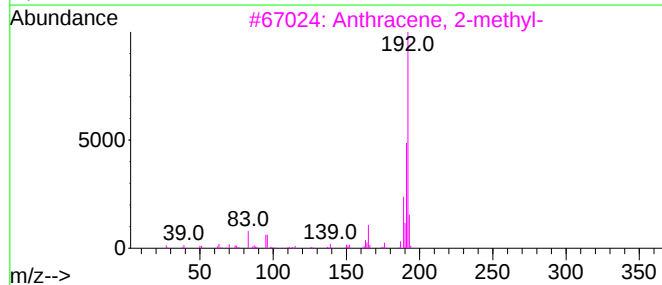
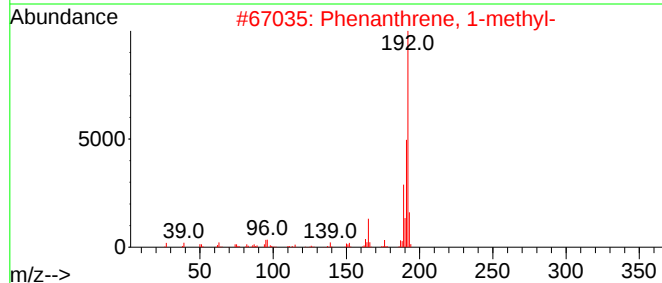
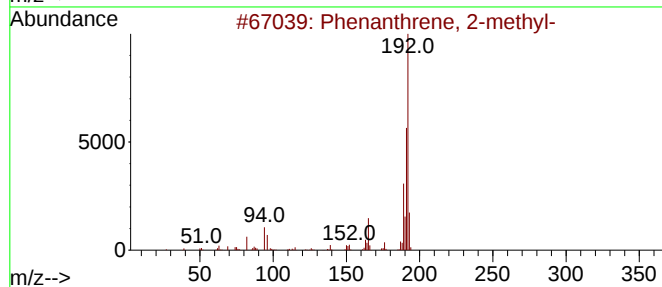
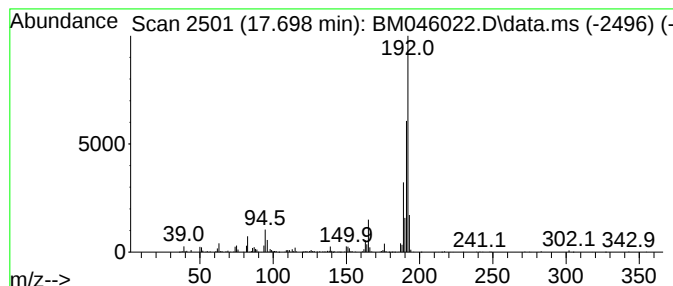
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.698	4.86 ng/ul	442483	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	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



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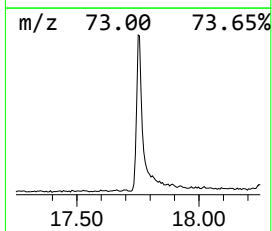
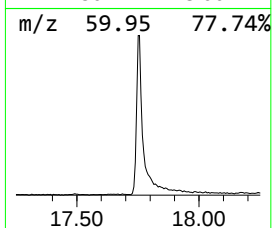
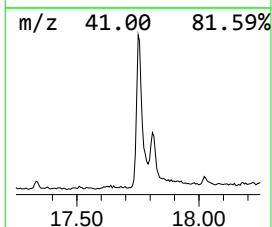
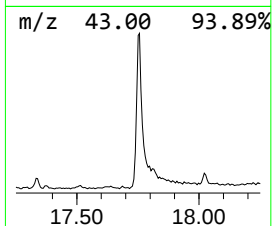
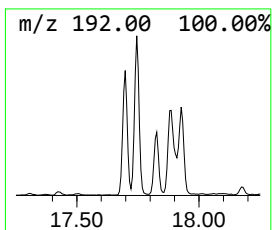
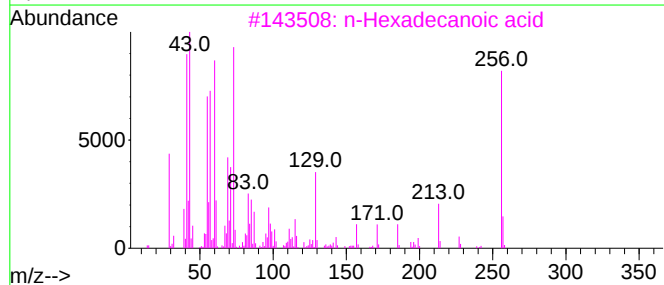
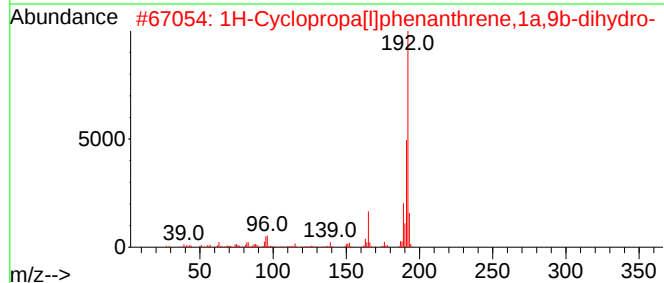
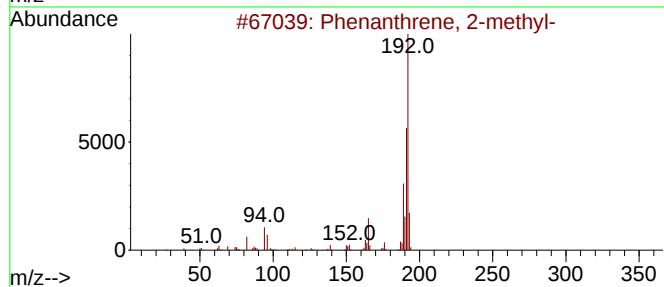
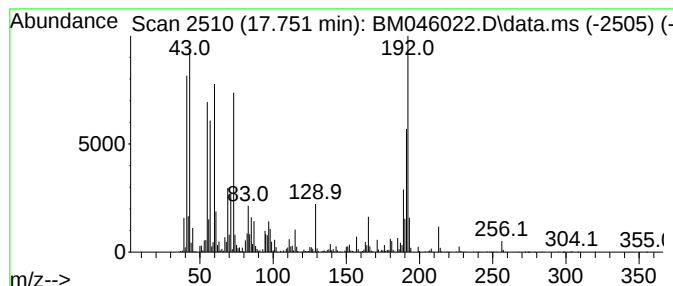
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1H-Cyclopropa[1]phenanthren... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	21.42 ng/ul	1952280	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95



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Data File : BM046022.D
Acq On : 13 Jun 2024 13:59
Operator : MA/JU
Sample : P2648-09 2X
Misc :
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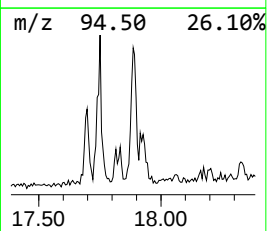
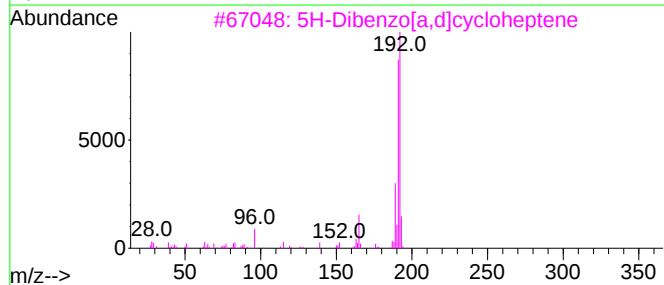
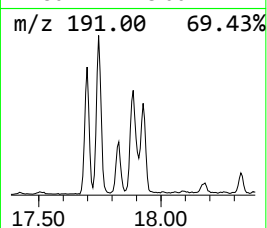
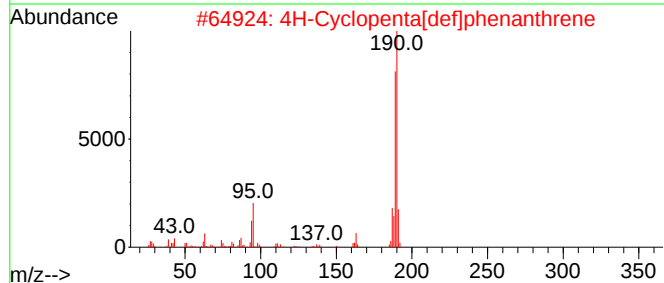
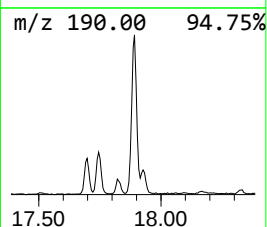
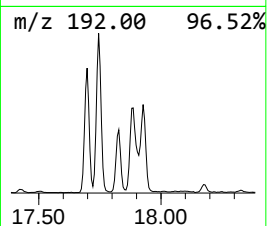
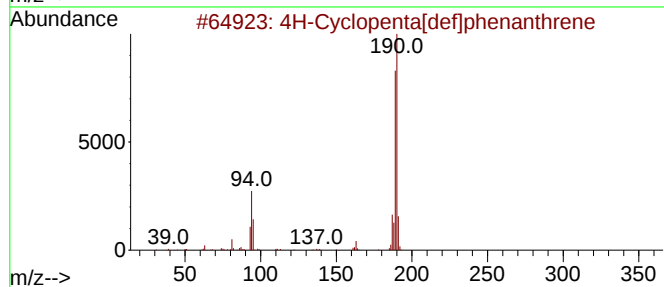
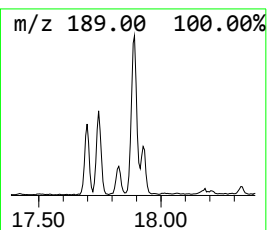
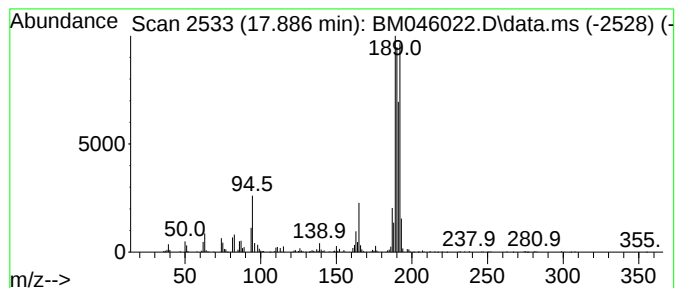
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	8.36 ng/ul	761827	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046022.D
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Sample : P2648-09 2X
Misc :
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Instrument :
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ClientSampleId :
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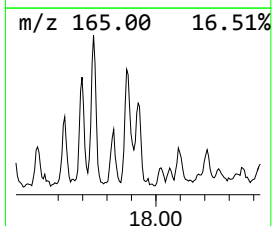
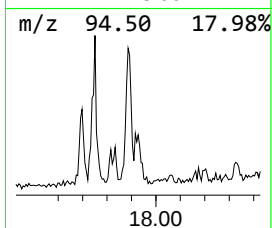
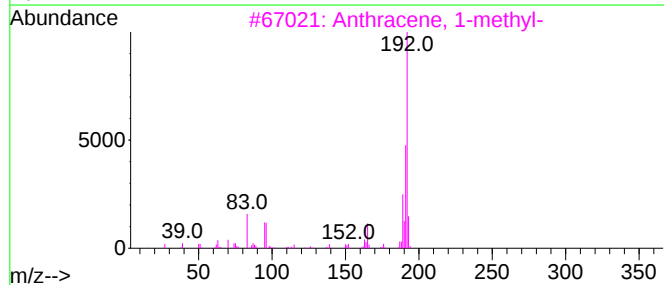
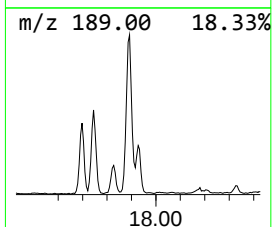
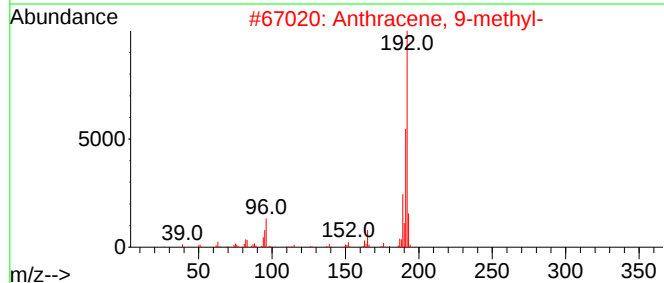
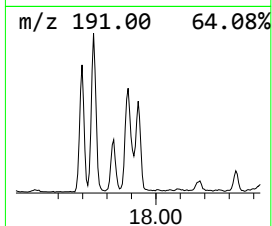
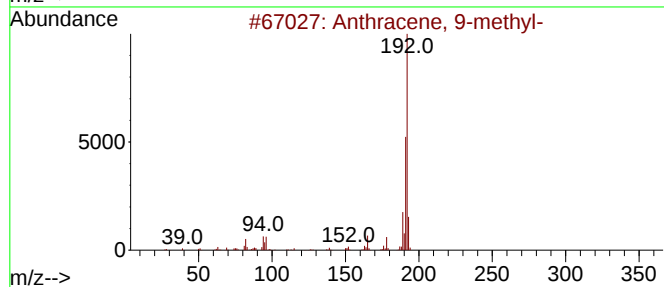
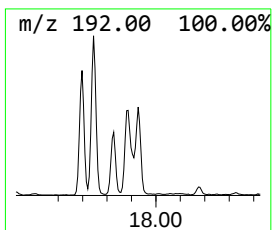
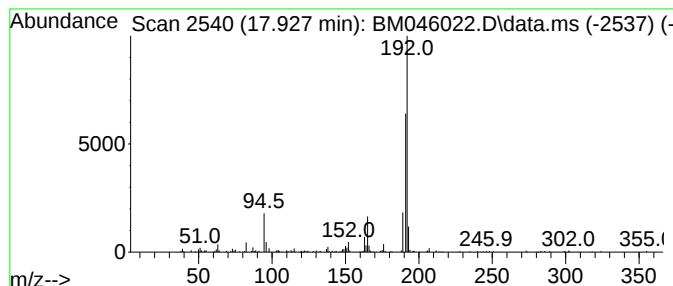
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	4.14 ng/ul	376997	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046022.D
Acq On : 13 Jun 2024 13:59
Operator : MA/JU
Sample : P2648-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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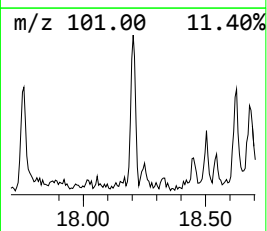
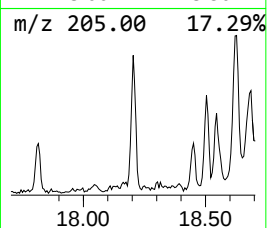
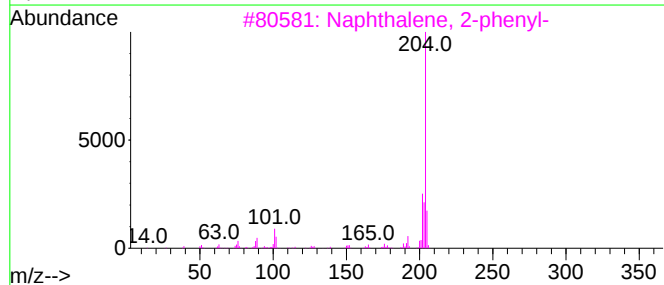
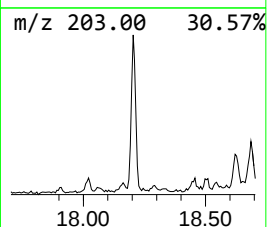
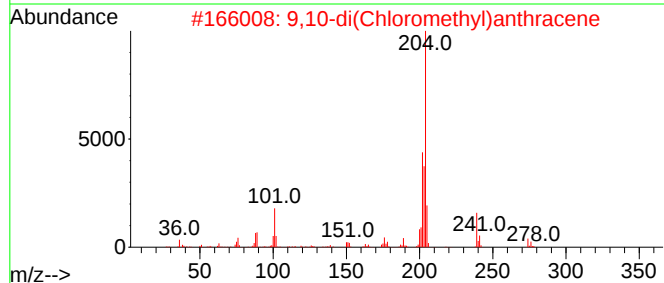
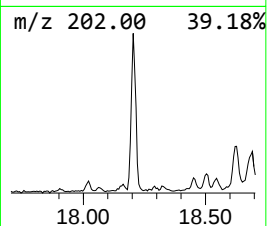
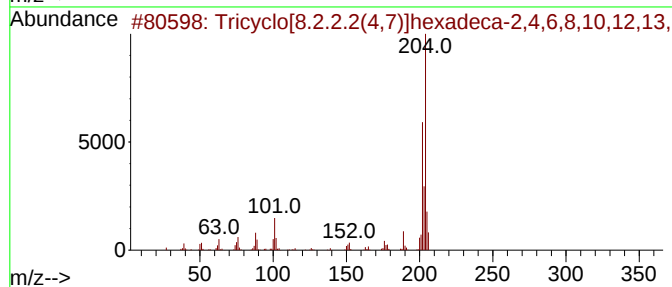
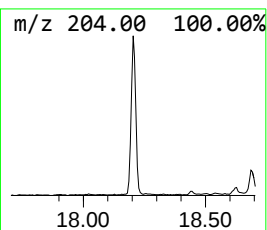
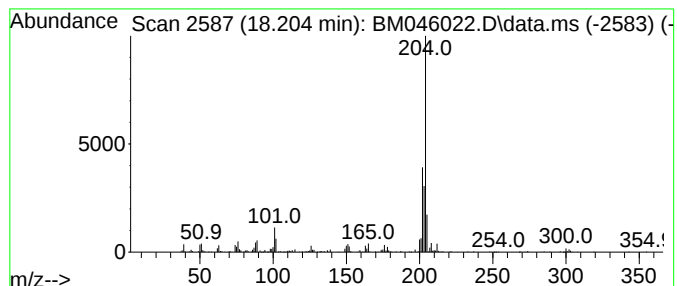
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	3.35 ng/ul	305075	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	86
2			9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	72
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046022.D
Acq On : 13 Jun 2024 13:59
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Sample : P2648-09 2X
Misc :
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Instrument :
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ClientSampleId :
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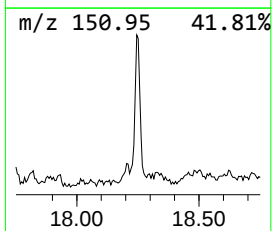
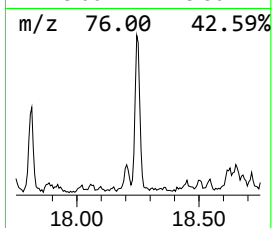
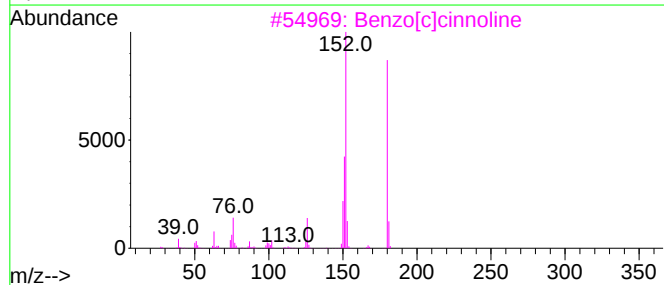
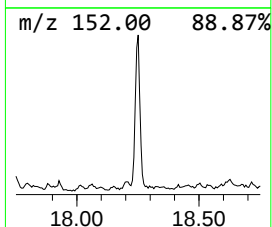
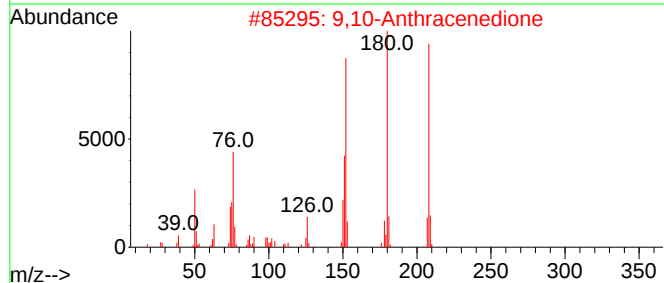
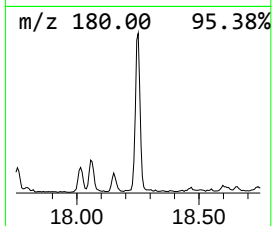
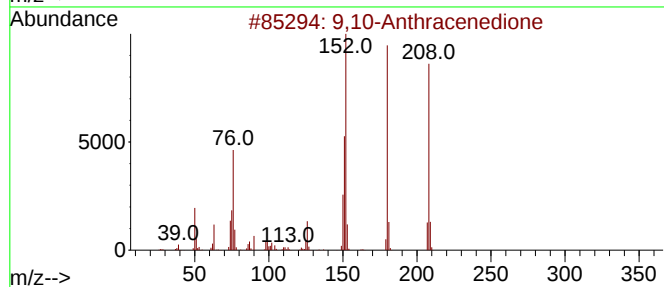
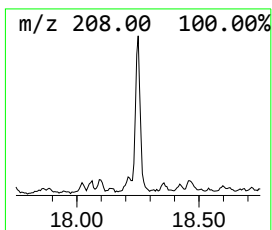
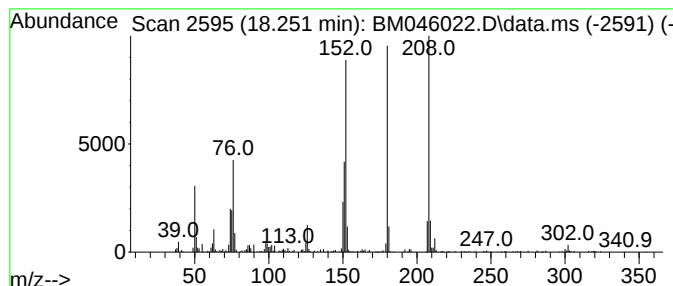
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	5.30 ng/ul	483261	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	95
3	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	95
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	93
5	9,10-Anthracenedione			208	C14H8O2	000084-65-1	90



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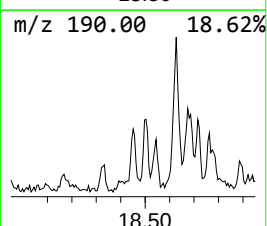
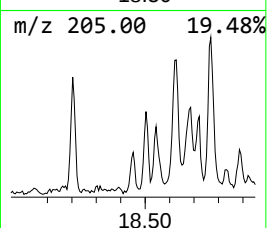
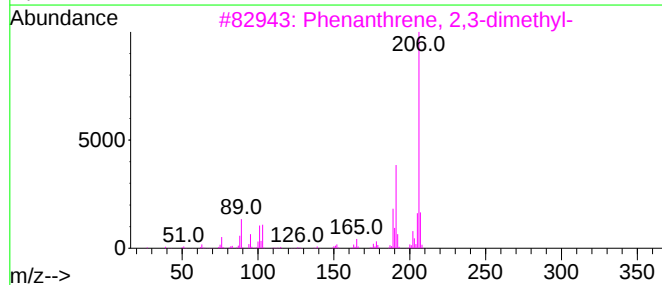
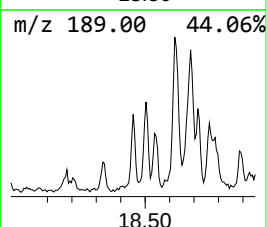
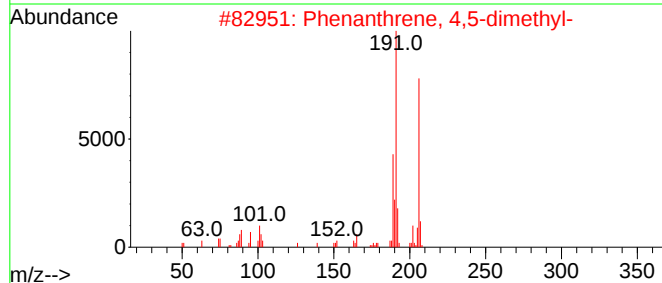
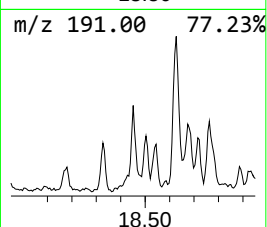
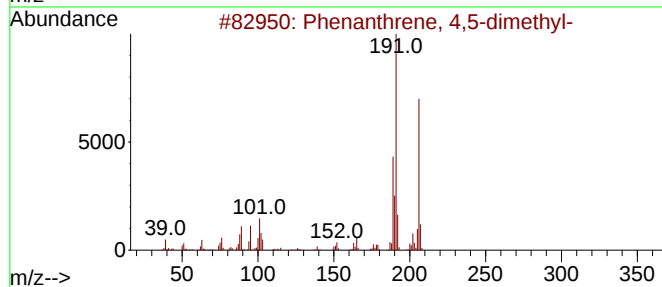
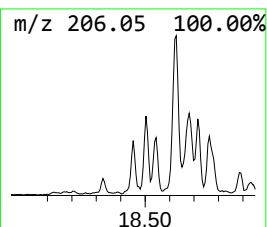
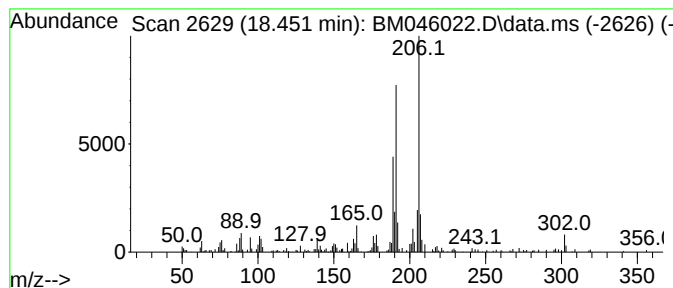
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phenanthrene, 4,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	2.18 ng/ul	198377	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
5			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046022.D
Acq On : 13 Jun 2024 13:59
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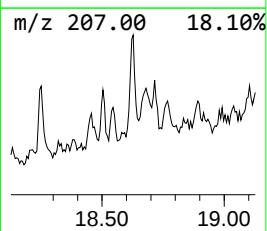
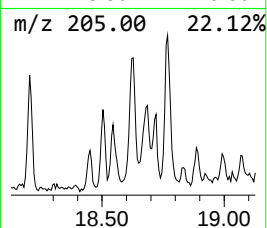
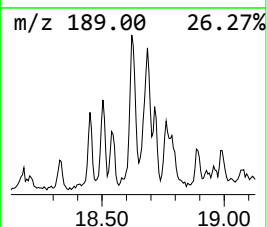
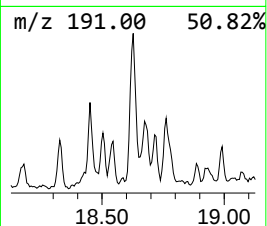
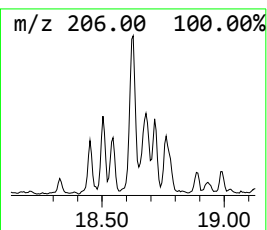
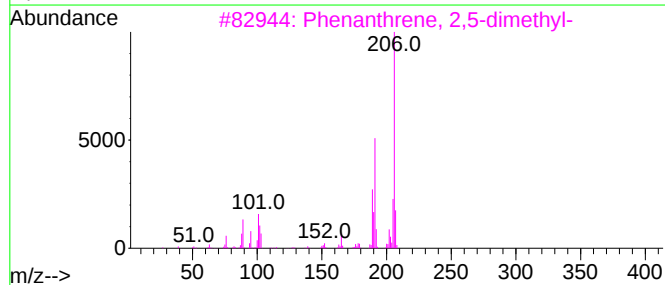
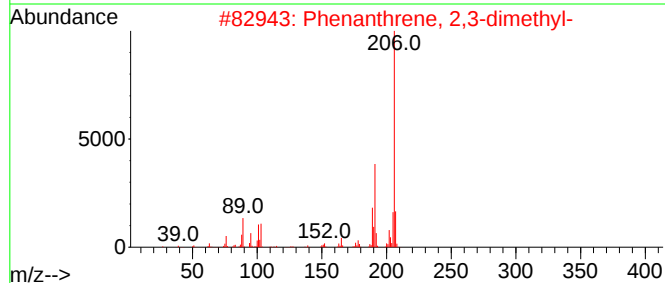
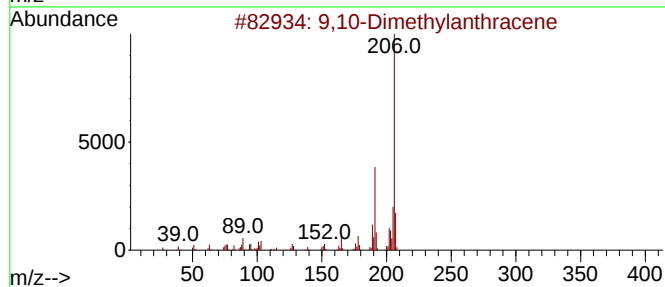
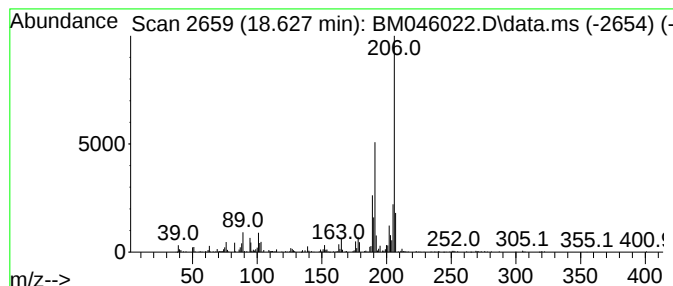
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 9,10-Dimethylantracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.627	4.39 ng/ul	399907	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, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	90



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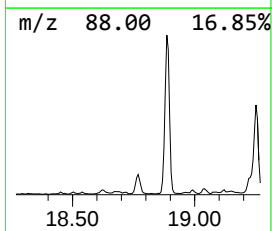
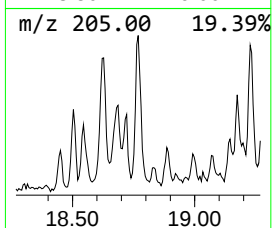
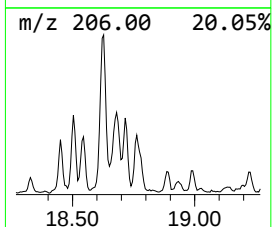
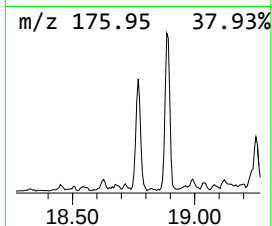
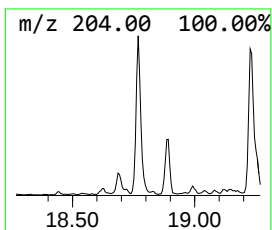
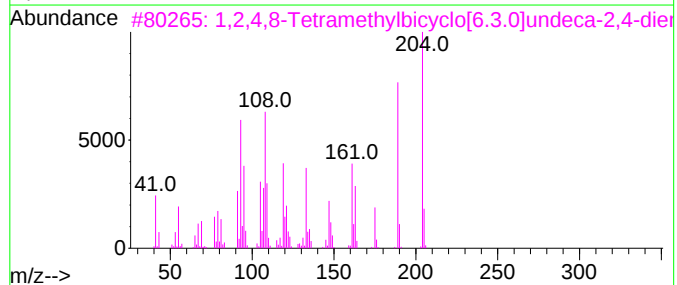
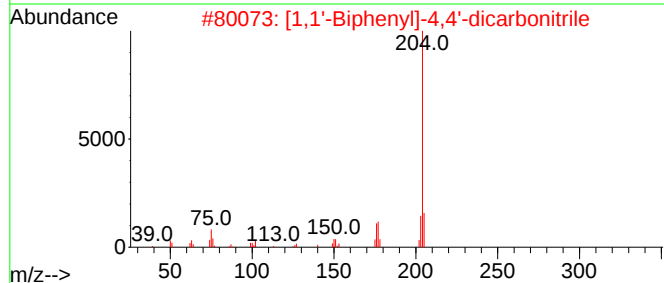
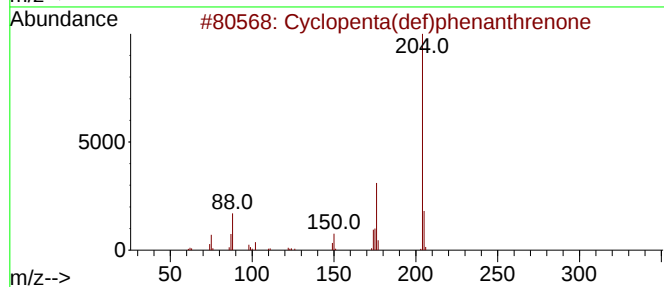
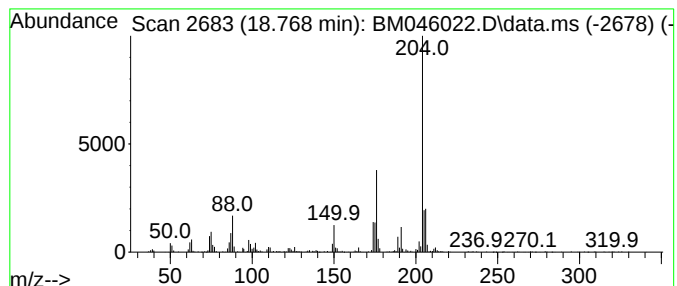
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.768	6.00 ng/ul	546687	Phenanthrene-d10	16.821

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
4			Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43
5			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046022.D
Acq On : 13 Jun 2024 13:59
Operator : MA/JU
Sample : P2648-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

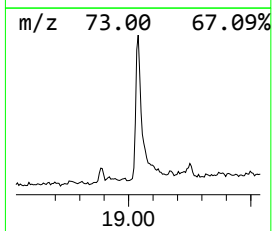
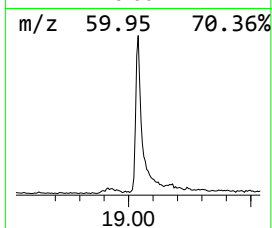
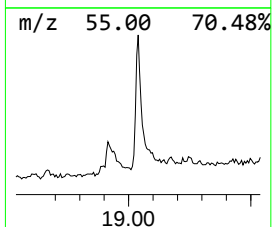
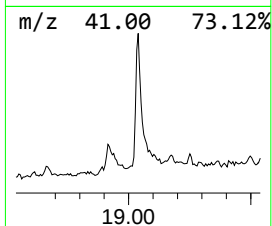
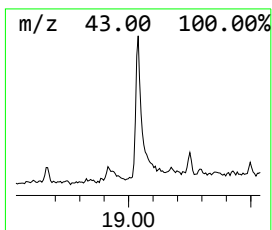
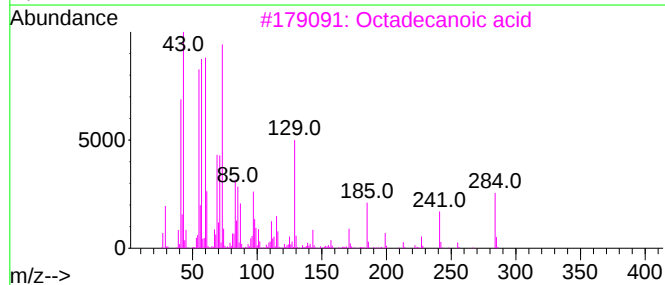
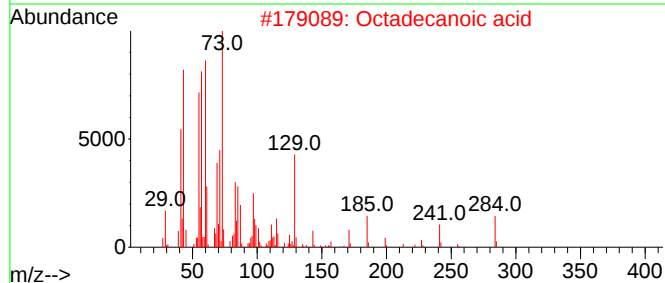
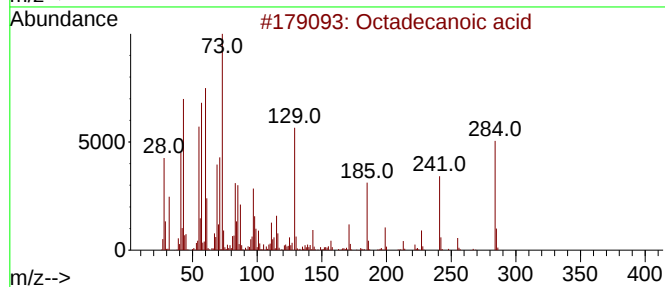
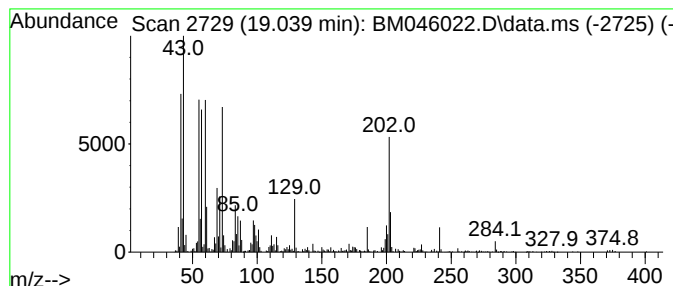
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.039	3.12 ng/ul	1073030	Chrysene-d12	21.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	83
2	Octadecanoic acid	284	C18H36O2	000057-11-4	70
3	Octadecanoic acid	284	C18H36O2	000057-11-4	55
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046022.D
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Sample : P2648-09 2X
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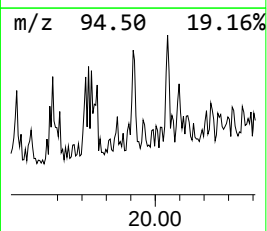
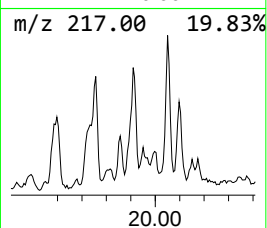
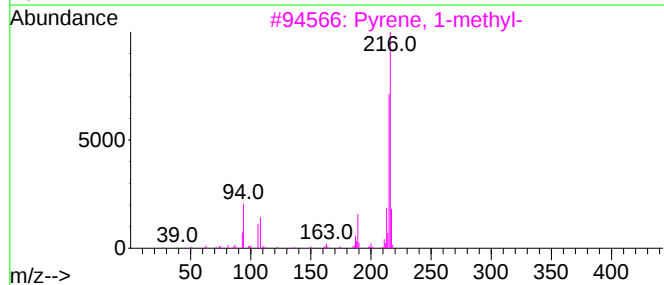
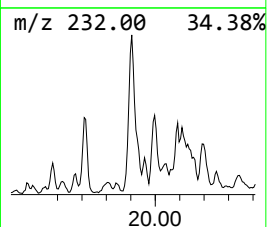
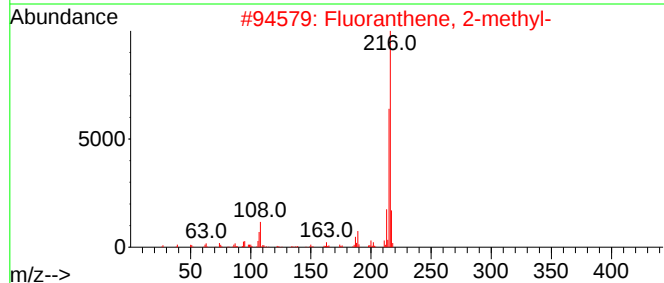
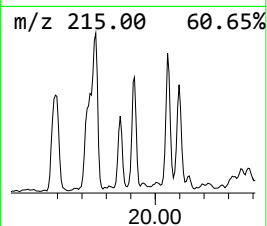
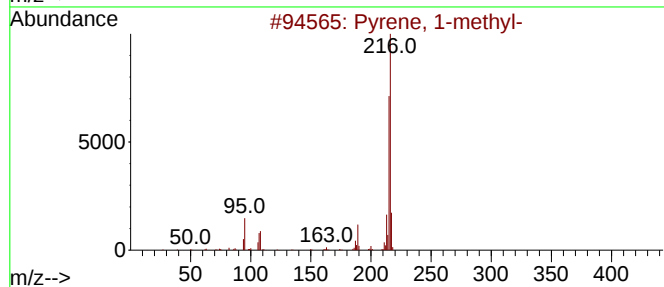
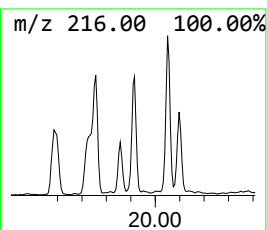
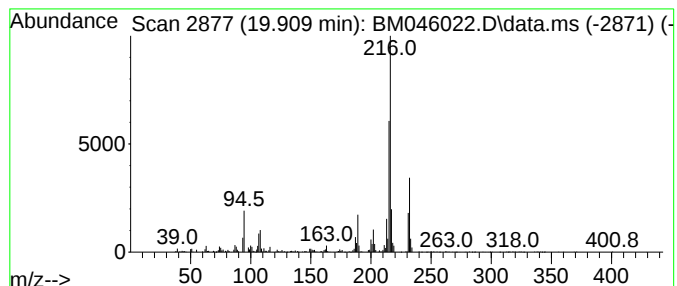
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.909	2.54 ng/ul	875571	Chrysene-d12	21.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046022.D
Acq On : 13 Jun 2024 13:59
Operator : MA/JU
Sample : P2648-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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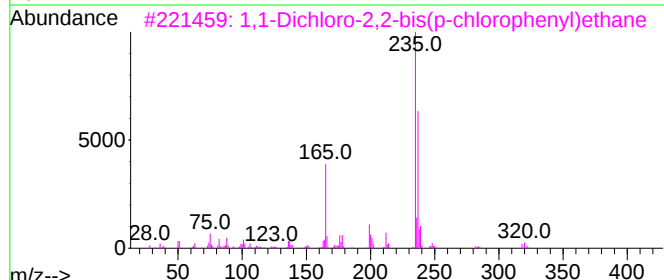
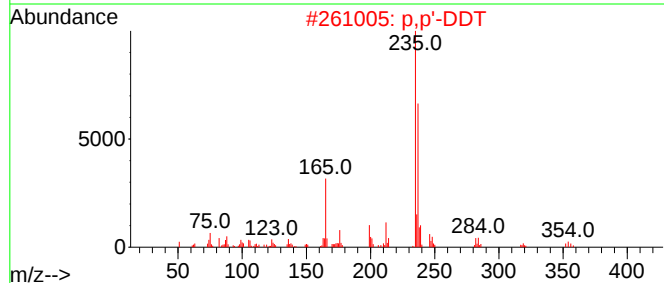
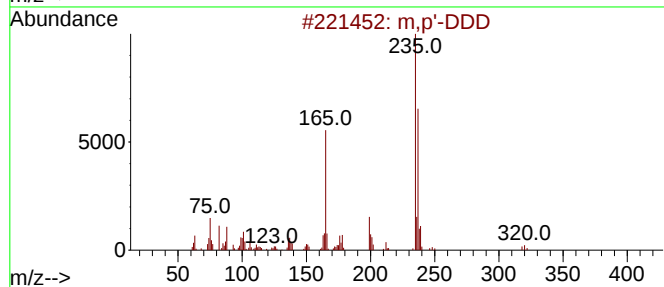
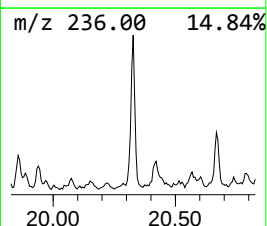
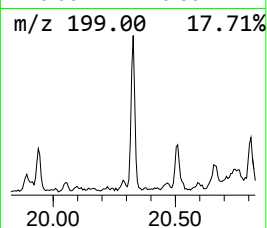
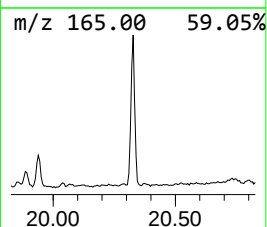
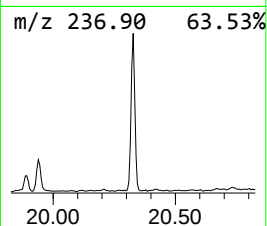
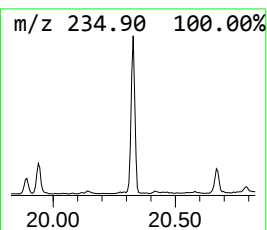
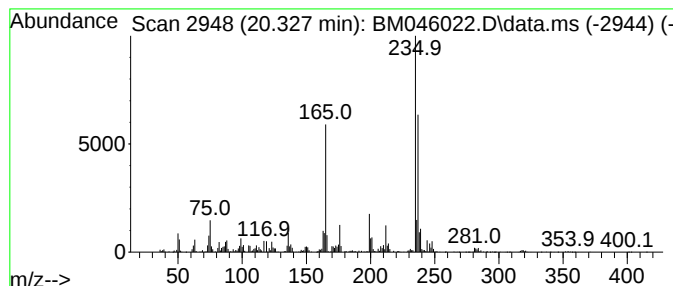
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 m,p'-DDD Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.327	3.56 ng/ul	1226590	Chrysene-d12	21.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	m,p'-DDD			318	C14H10Cl4	004329-12-8	97
2	p,p'-DDT			352	C14H9Cl5	000050-29-3	94
3	1,1-Dichloro-2,2-bis(p-chlorophe...			318	C14H10Cl4	000072-54-8	94
4	3-Butanone, 1,1-bis(4-chlorophen...			320	C18H18Cl2O	1000158-20-4	90
5	p,p'-DDT			352	C14H9Cl5	000050-29-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046022.D
Acq On : 13 Jun 2024 13:59
Operator : MA/JU
Sample : P2648-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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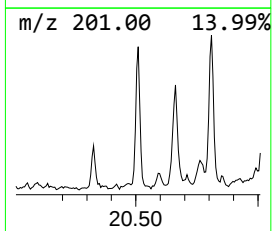
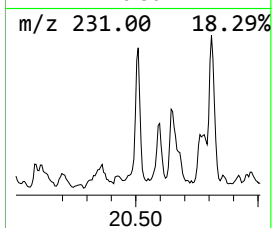
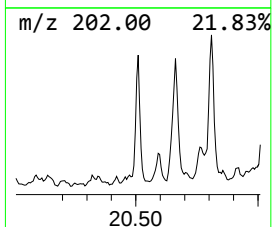
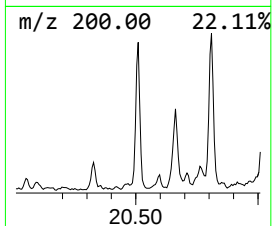
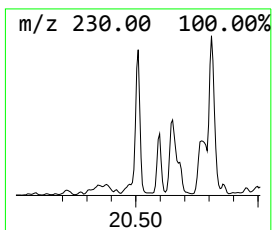
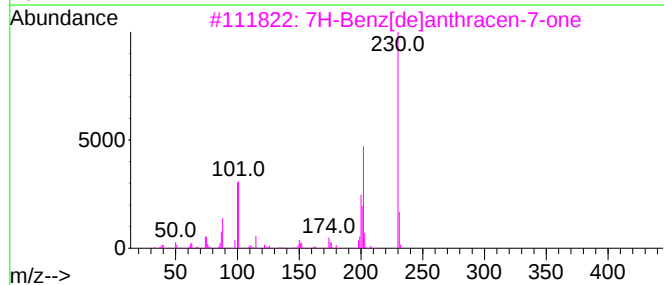
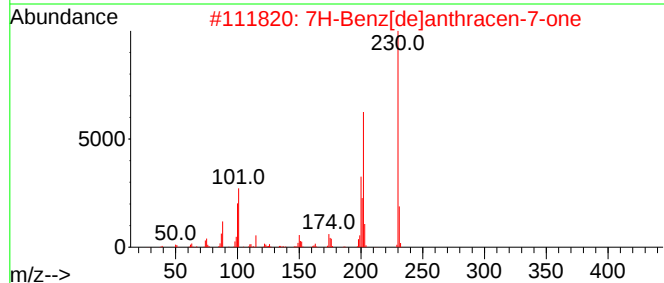
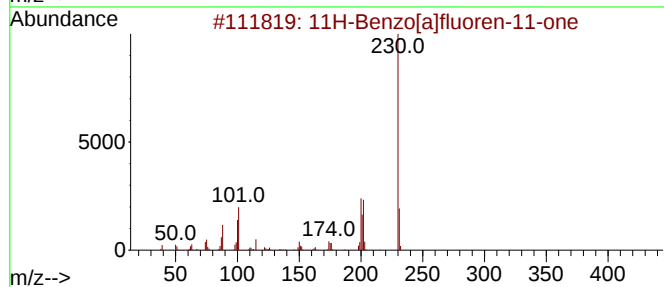
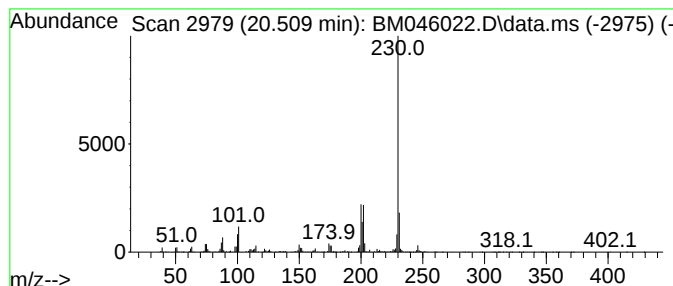
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.509	3.46 ng/ul	1192860	Chrysene-d12	21.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046022.D
Acq On : 13 Jun 2024 13:59
Operator : MA/JU
Sample : P2648-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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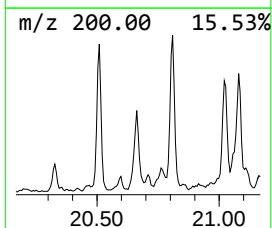
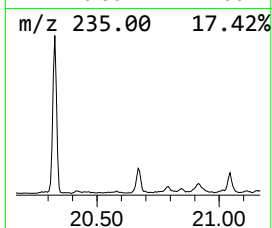
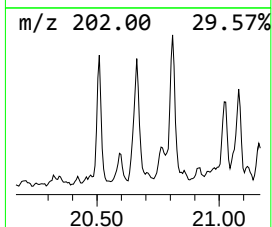
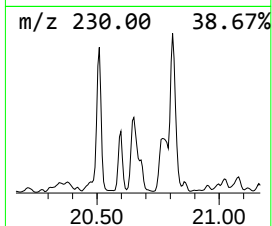
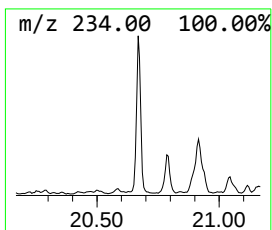
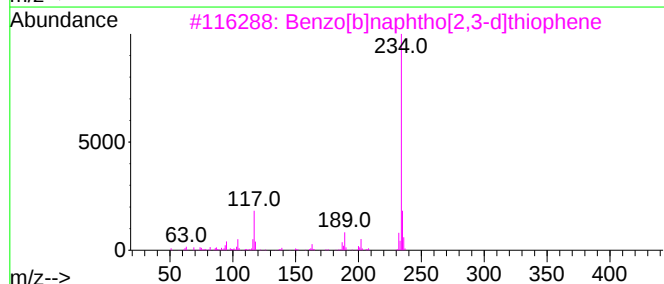
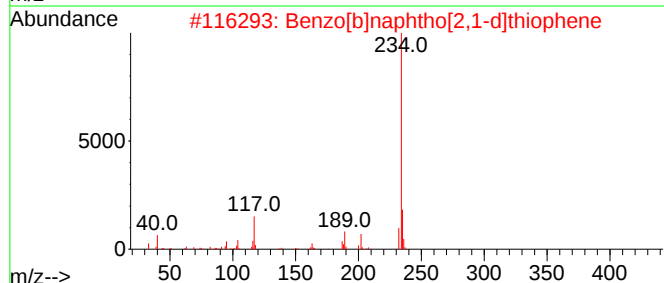
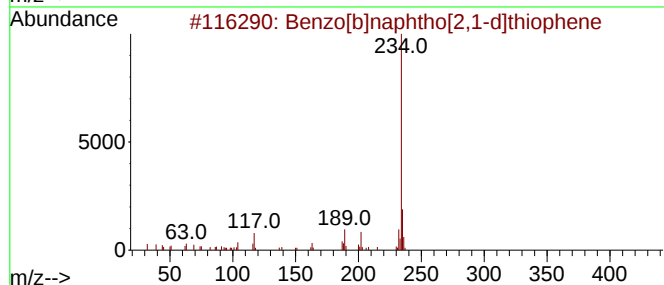
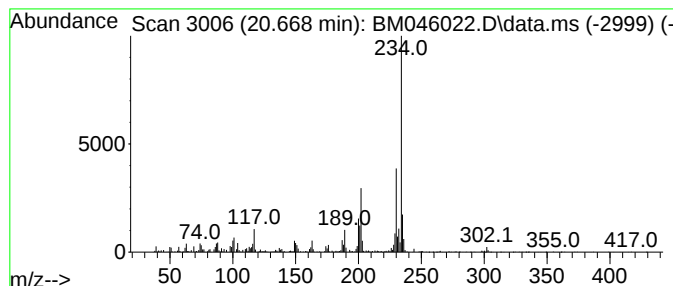
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.668	5.20 ng/ul	1791480	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	64
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	60
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	58
4			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	52
5			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
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Acq On : 13 Jun 2024 13:59
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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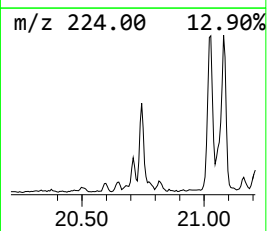
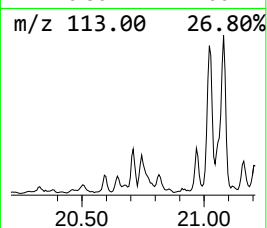
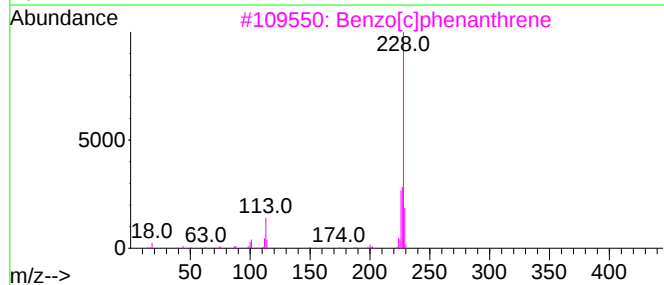
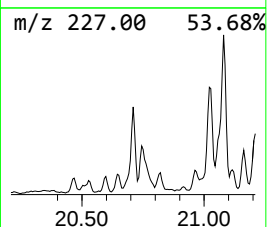
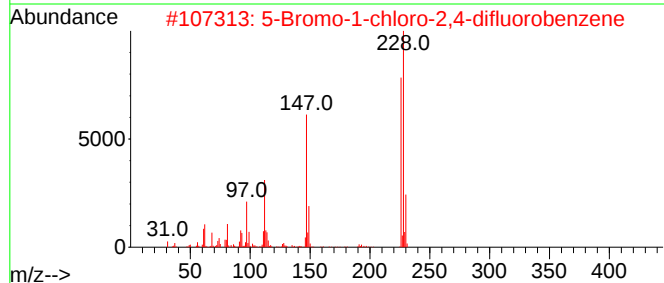
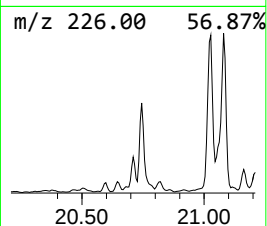
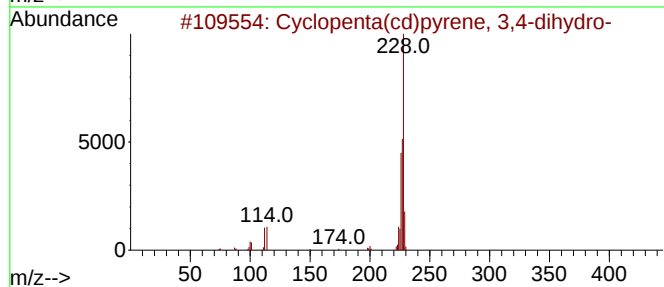
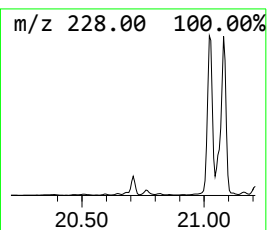
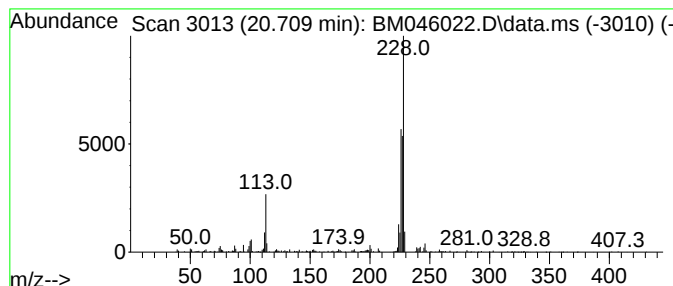
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.709	2.04 ng/ul	703960	Chrysene-d12	21.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
2			5-Bromo-1-chloro-2,4-difluoroben...	226	C6H2BrClF2	914636-89-8	49
3			Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
4			Benz[a]anthracene	228	C18H12	000056-55-3	43
5			Benzo[c]phenanthrene	228	C18H12	000195-19-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046022.D
Acq On : 13 Jun 2024 13:59
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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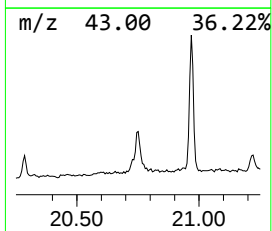
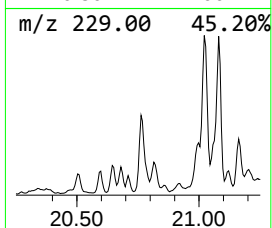
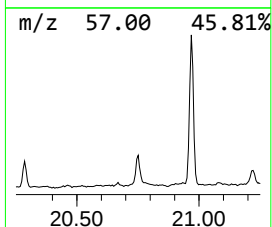
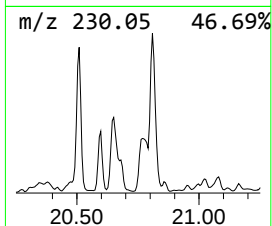
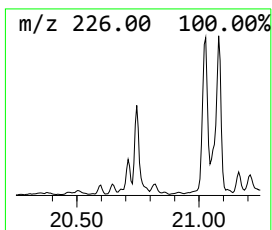
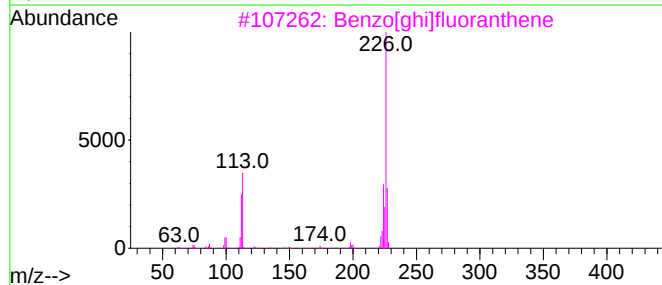
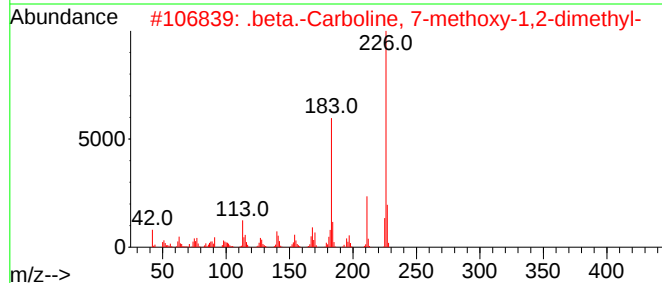
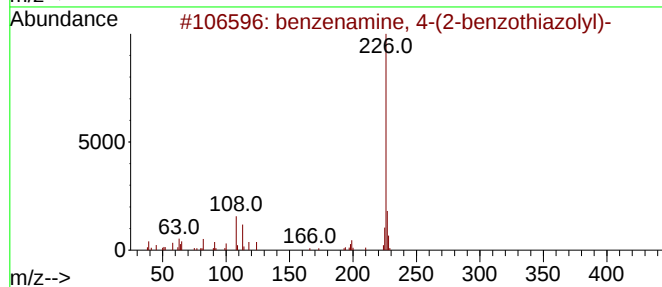
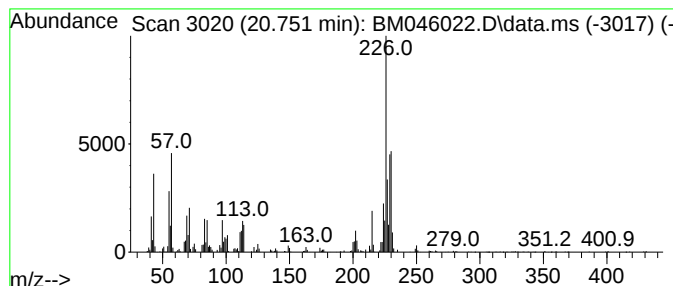
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.751	6.11 ng/ul	2105430	Chrysene-d12	21.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	35
2			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	35
3			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	30
4			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	27
5			Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046022.D
Acq On : 13 Jun 2024 13:59
Operator : MA/JU
Sample : P2648-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBZ8

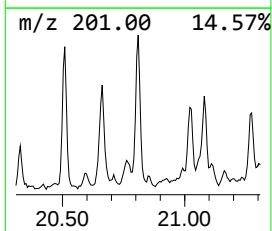
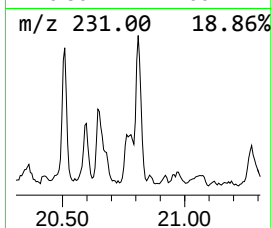
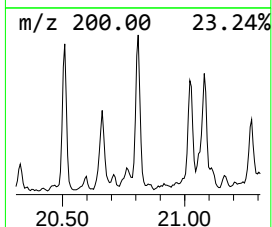
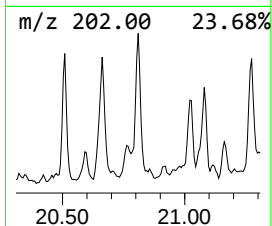
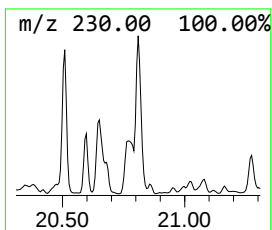
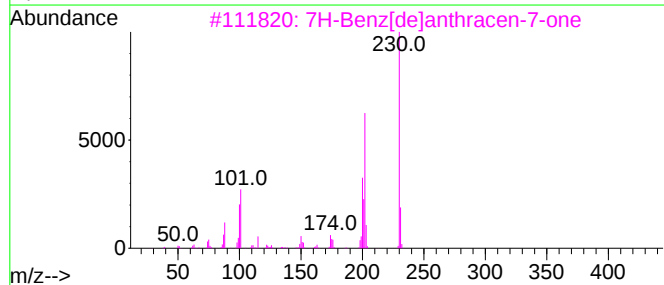
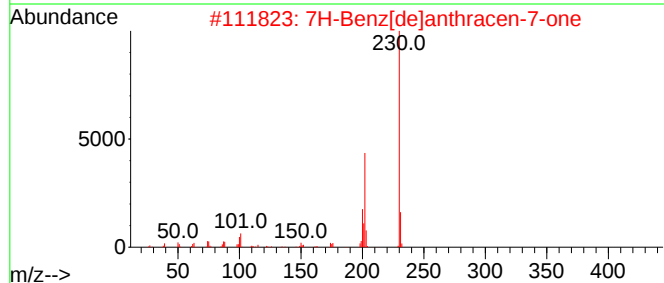
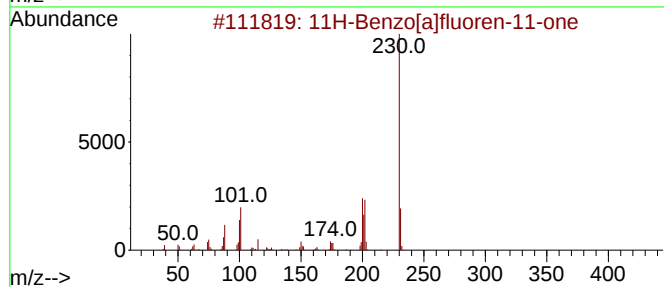
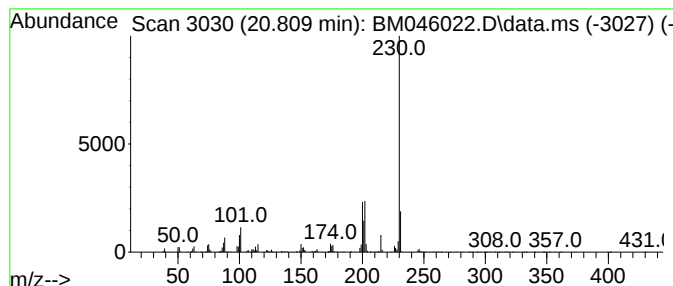
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.809	4.19 ng/ul	1442920	Chrysene-d12	21.039

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046022.D
Acq On : 13 Jun 2024 13:59
Operator : MA/JU
Sample : P2648-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBZ8

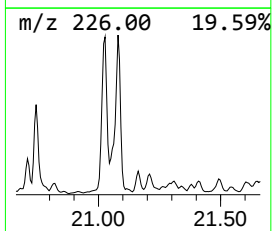
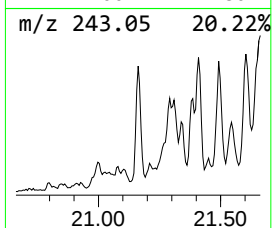
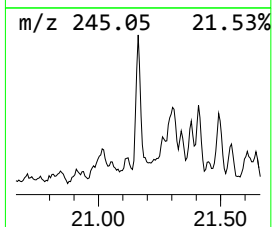
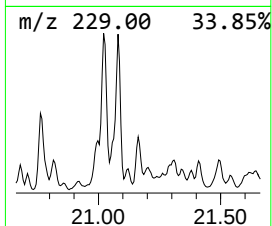
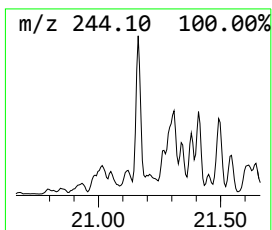
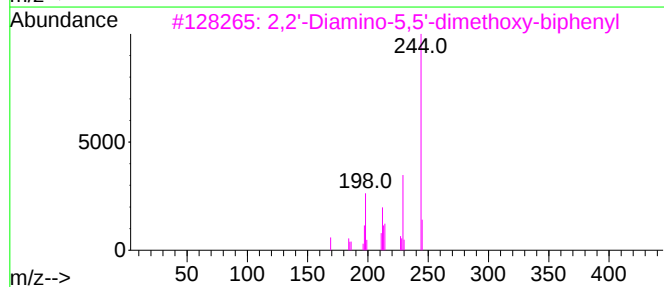
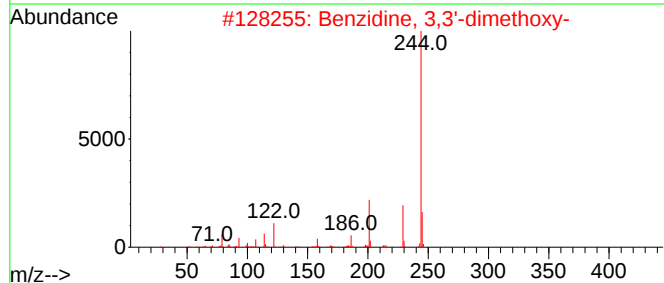
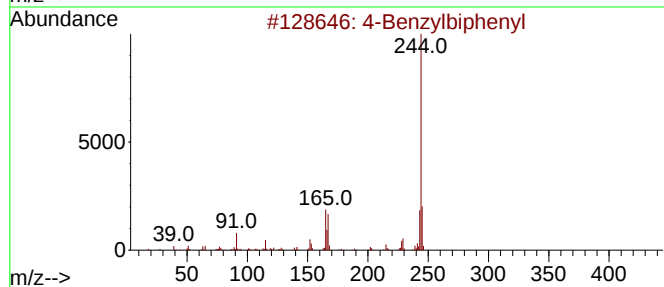
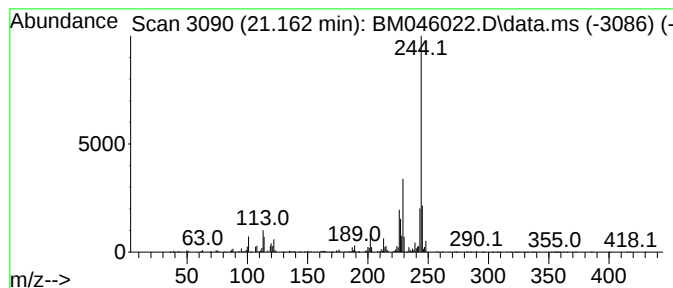
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 4-Benzylbiphenyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.162	2.88 ng/ul	991673	Chrysene-d12	21.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Benzylbiphenyl	244	C19H16	000613-42-3	52
2			Benzidine, 3,3'-dimethoxy-	244	C14H16N2O2	000119-90-4	50
3			2,2'-Diamino-5,5'-dimethoxy-biph...	244	C14H16N2O2	074199-63-6	50
4			2-N,2-N,4-N,4-N,8-Pentamethylqui...	244	C14H20N4	1392408-76-2	50
5			Pyrido[2,3-b]indole, 2-phenyl-	244	C17H12N2	064677-58-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046022.D
Acq On : 13 Jun 2024 13:59
Operator : MA/JU
Sample : P2648-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

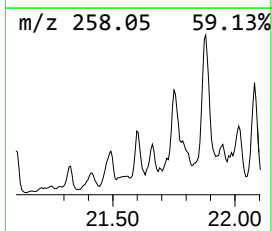
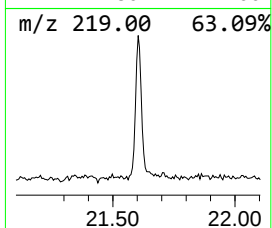
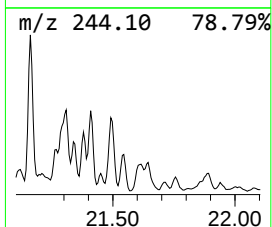
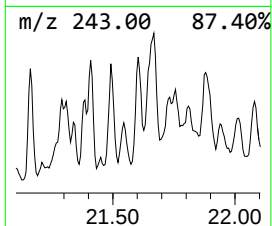
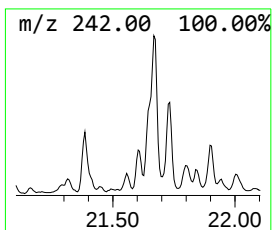
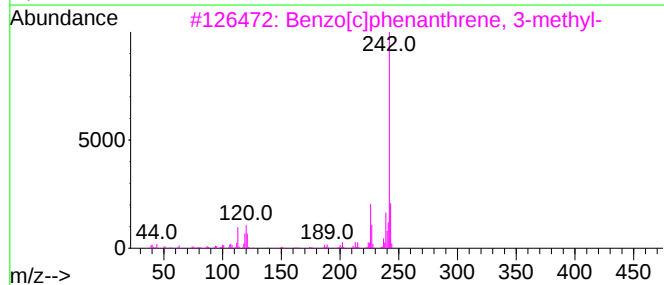
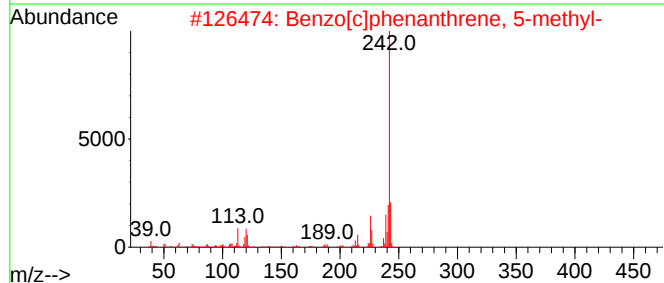
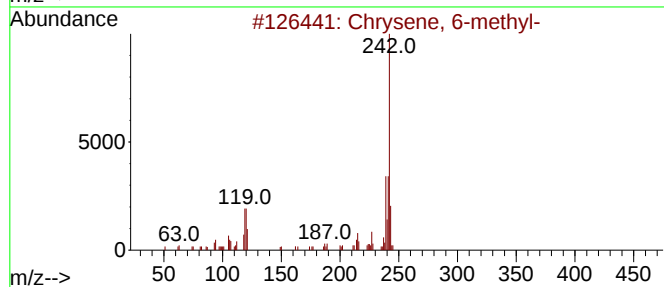
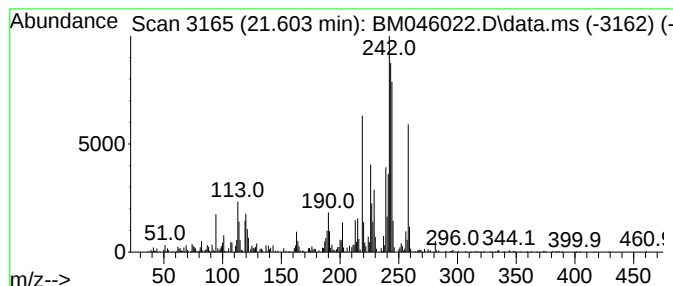
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.603	2.10 ng/ul	721372	Chrysene-d12	21.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	001705-85-7	45
2	Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	42
3	Benzo[c]phenanthrene, 3-methyl-	242	C19H14	002381-19-3	38
4	2-Methylchrysene	242	C19H14	003351-32-4	35
5	Benzo[c]phenanthrene, 2-methyl-	242	C19H14	002606-85-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046022.D
Acq On : 13 Jun 2024 13:59
Operator : MA/JU
Sample : P2648-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBZ8

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
9H-Fluoren-9-one	16.486	3.4	ng/ul	313310	4	16.821	1822460	20.0
Phenanthrene, 2...	17.698	4.9	ng/ul	442483	4	16.821	1822460	20.0
1H-Cyclopropa[l...	17.751	21.4	ng/ul	1952280	4	16.821	1822460	20.0
4H-Cyclopenta[d...	17.886	8.4	ng/ul	761827	4	16.821	1822460	20.0
Anthracene, 9-m...	17.927	4.1	ng/ul	376997	4	16.821	1822460	20.0
Tricyclo[8.2.2....	18.204	3.4	ng/ul	305075	4	16.821	1822460	20.0
9,10-Anthracene...	18.251	5.3	ng/ul	483261	4	16.821	1822460	20.0
Phenanthrene, 4...	18.451	2.2	ng/ul	198377	4	16.821	1822460	20.0
9,10-Dimethylan...	18.627	4.4	ng/ul	399907	4	16.821	1822460	20.0
Cyclopenta(def)...	18.768	6.0	ng/ul	546687	4	16.821	1822460	20.0
Octadecanoic acid	19.039	3.1	ng/ul	1073030	5	21.039	6886580	20.0
Pyrene, 1-methyl-	19.909	2.5	ng/ul	875571	5	21.039	6886580	20.0
m,p'-DDD	20.327	3.6	ng/ul	1226590	5	21.039	6886580	20.0
11H-Benzo[a]flu...	20.509	3.5	ng/ul	1192860	5	21.039	6886580	20.0
Benzo[b]naphtho...	20.668	5.2	ng/ul	1791480	5	21.039	6886580	20.0
Cyclopenta(cd)p...	20.709	2.0	ng/ul	703960	5	21.039	6886580	20.0
unknown-01	20.751	6.1	ng/ul	2105430	5	21.039	6886580	20.0
7H-Benz[de]anth...	20.809	4.2	ng/ul	1442920	5	21.039	6886580	20.0
4-Benzylbiphenyl	21.162	2.9	ng/ul	991673	5	21.039	6886580	20.0
unknown-02	21.603	2.1	ng/ul	721372	5	21.039	6886580	20.0