

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014858.D
 Acq On : 27 Apr 2023 01:01
 Operator : CG/JU
 Sample : 02447-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW913

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_P\Methods\SFAM-EPA-BP042523.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP014858.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.429	3	7	12	rVB	5300527	5655518	45.54%	5.653%
2	3.787	65	68	75	rVB	205073	241446	1.94%	0.241%
3	4.287	149	153	159	rVB	68044	89812	0.72%	0.090%
4	6.664	549	557	563	rBV	50216	79895	0.64%	0.080%
5	8.199	808	818	827	rBV	1578516	2520715	20.30%	2.520%
6	8.334	834	841	848	rVB2	35726	66017	0.53%	0.066%
7	11.034	1288	1300	1306	rBV	2151958	3655509	29.43%	3.654%
8	11.087	1306	1309	1316	rVB	114062	174466	1.40%	0.174%
9	12.675	1570	1579	1587	rVB	128028	200337	1.61%	0.200%
10	12.893	1607	1616	1624	rVB	145887	230925	1.86%	0.231%
11	13.669	1737	1748	1754	rBV2	62048	138466	1.11%	0.138%
12	13.863	1775	1781	1790	rVB	39442	88284	0.71%	0.088%
13	13.999	1798	1804	1805	rBV2	81765	123990	1.00%	0.124%
14	14.151	1824	1830	1835	rBV	185630	318631	2.57%	0.318%
15	14.210	1835	1840	1845	rVV	117367	175285	1.41%	0.175%
16	14.387	1865	1870	1874	rVV	105020	169661	1.37%	0.170%
17	14.422	1874	1876	1883	rVB2	47334	54976	0.44%	0.055%
18	14.557	1894	1899	1908	rVB	93407	147389	1.19%	0.147%
19	14.710	1921	1925	1934	rBV	51767	71185	0.57%	0.071%
20	14.834	1935	1946	1952	rBV	3000363	4478923	36.06%	4.477%
21	14.893	1952	1956	1963	rVV2	183440	319683	2.57%	0.320%
22	15.034	1975	1980	1989	rBV2	48646	123823	1.00%	0.124%
23	15.228	2006	2013	2019	rVB2	382928	586046	4.72%	0.586%
24	15.298	2020	2025	2037	rVB	89677	142448	1.15%	0.142%
25	15.446	2044	2050	2054	rBV	100855	163529	1.32%	0.163%
26	15.493	2054	2058	2063	rVB	89108	120316	0.97%	0.120%
27	15.616	2071	2079	2082	rBV2	81408	167964	1.35%	0.168%
28	15.657	2082	2086	2091	rVB3	81163	128703	1.04%	0.129%
29	15.787	2104	2108	2116	rVB3	57753	90694	0.73%	0.091%
30	15.875	2117	2123	2135	rVB	655495	987750	7.95%	0.987%
31	15.998	2140	2144	2146	rVV3	50366	69690	0.56%	0.070%
32	16.040	2146	2151	2154	rVV3	131243	217187	1.75%	0.217%
33	16.081	2154	2158	2162	rVV3	94678	166760	1.34%	0.167%
34	16.128	2162	2166	2168	rVV2	53062	88113	0.71%	0.088%
35	16.169	2168	2173	2179	rVB	236696	385079	3.10%	0.385%
36	16.316	2189	2198	2205	rBV	236806	474079	3.82%	0.474%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
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37	16.404	2211	2213	2220	rVB	58609	83069	0.67%	0.083%
38	16.522	2228	2233	2235	rBV2	128395	178833	1.44%	0.179%
39	16.545	2235	2237	2242	rVB2	106290	132342	1.07%	0.132%
40	16.681	2256	2260	2265	rVV3	61950	100917	0.81%	0.101%
41	16.804	2277	2281	2284	rBV	95317	120511	0.97%	0.120%
42	16.881	2284	2294	2299	rVV4	217103	452132	3.64%	0.452%
43	16.928	2299	2302	2308	rVB	105091	137277	1.11%	0.137%
44	17.028	2316	2319	2324	rVB	84652	117053	0.94%	0.117%
45	17.104	2325	2332	2336	rBV3	193626	356763	2.87%	0.357%
46	17.145	2336	2339	2343	rVB2	117548	153440	1.24%	0.153%
47	17.234	2351	2354	2359	rVB4	44687	72136	0.58%	0.072%
48	17.316	2362	2368	2374	rVV3	170042	412463	3.32%	0.412%
49	17.398	2378	2382	2387	rVV	291108	407470	3.28%	0.407%
50	17.451	2387	2391	2395	rVV	175834	214757	1.73%	0.215%
51	17.492	2395	2398	2402	rVB2	83885	103024	0.83%	0.103%
52	17.581	2405	2413	2417	rBV	2834950	4560169	36.72%	4.558%
53	17.628	2417	2421	2427	rVV	7183748	10193856	82.08%	10.189%
54	17.716	2431	2436	2439	rBV	248009	344134	2.77%	0.344%
55	17.751	2439	2442	2450	rVB4	314768	467113	3.76%	0.467%
56	17.981	2477	2481	2482	rBV2	57493	74904	0.60%	0.075%
57	18.016	2482	2487	2490	rVV2	158399	313849	2.53%	0.314%
58	18.051	2490	2493	2496	rVV2	162366	214664	1.73%	0.215%
59	18.092	2496	2500	2504	rVV	284109	373105	3.00%	0.373%
60	18.163	2506	2512	2518	rVB2	1013384	2117738	17.05%	2.117%
61	18.287	2528	2533	2539	rBV2	275853	477857	3.85%	0.478%
62	18.410	2549	2554	2555	rBV	276011	357592	2.88%	0.357%
63	18.434	2555	2558	2562	rVV	1084259	1548386	12.47%	1.548%
64	18.481	2562	2566	2571	rVB	1387955	1855167	14.94%	1.854%
65	18.616	2584	2589	2594	rBV2	1743931	3055477	24.60%	3.054%
66	18.657	2594	2596	2602	rVV2	821493	1329876	10.71%	1.329%
67	18.716	2602	2606	2612	rVB2	340130	426061	3.43%	0.426%
68	18.887	2631	2635	2636	rBV	496965	518984	4.18%	0.519%
69	18.910	2636	2639	2646	rVV	946695	1399890	11.27%	1.399%
70	18.987	2648	2652	2655	rVV	210084	273792	2.20%	0.274%
71	19.022	2655	2658	2661	rVV2	214989	301755	2.43%	0.302%
72	19.057	2661	2664	2669	rVB2	368672	448002	3.61%	0.448%
73	19.145	2676	2679	2684	rVB2	294056	392105	3.16%	0.392%
74	19.198	2684	2688	2691	rVV	212028	260473	2.10%	0.260%
75	19.234	2691	2694	2698	rVB	155190	182070	1.47%	0.182%
76	19.316	2703	2708	2711	rBV	561745	840661	6.77%	0.840%

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77	19.357	2711	2715	2719	rVV3	370708	594651	4.79%	0.594%
78	19.398	2719	2722	2725	rVV	667650	883295	7.11%	0.883%
79	19.439	2725	2729	2737	rVB4	616556	1013609	8.16%	1.013%
80	19.575	2746	2752	2757	rBV	8873966	12419511	100.00%	12.414%
81	19.628	2757	2761	2763	rBV	261389	419553	3.38%	0.419%
82	19.698	2770	2773	2777	rVB	510726	564240	4.54%	0.564%
83	19.886	2800	2805	2808	rBV2	1285538	2017390	16.24%	2.016%
84	19.922	2808	2811	2818	rVV	3155635	4039095	32.52%	4.037%
85	19.986	2818	2822	2826	rVV2	411799	499519	4.02%	0.499%
86	20.028	2826	2829	2833	rVV	185140	211955	1.71%	0.212%
87	20.092	2837	2840	2843	rVV	399812	541669	4.36%	0.541%
88	20.128	2843	2846	2851	rVB	406426	536471	4.32%	0.536%
89	20.239	2860	2865	2873	rVB	383731	757596	6.10%	0.757%
90	20.392	2887	2891	2895	rVB	937380	1416717	11.41%	1.416%
91	20.434	2895	2898	2902	rVB2	330794	378922	3.05%	0.379%
92	20.492	2905	2908	2912	rBV	504236	616505	4.96%	0.616%
93	20.533	2912	2915	2921	rVV2	232915	456918	3.68%	0.457%
94	20.586	2922	2924	2928	rVB	251909	257491	2.07%	0.257%
95	21.292	3040	3044	3047	rBV	474886	604278	4.87%	0.604%
96	21.328	3047	3050	3054	rVV	794045	913094	7.35%	0.913%
97	21.369	3054	3057	3061	rVB	267371	306022	2.46%	0.306%
98	21.651	3098	3105	3109	rBV2	2371675	5907240	47.56%	5.904%
99	21.692	3109	3112	3118	rVB	2582982	3405744	27.42%	3.404%
100	24.251	3542	3547	3556	rVB2	1427190	3003489	24.18%	3.002%

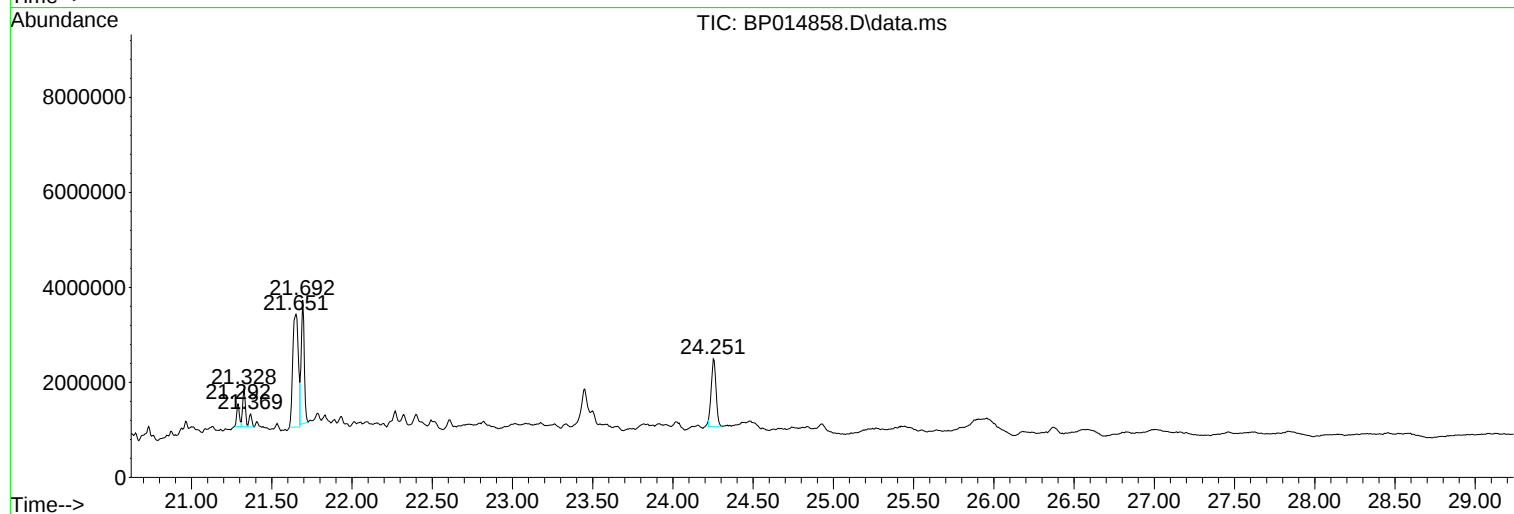
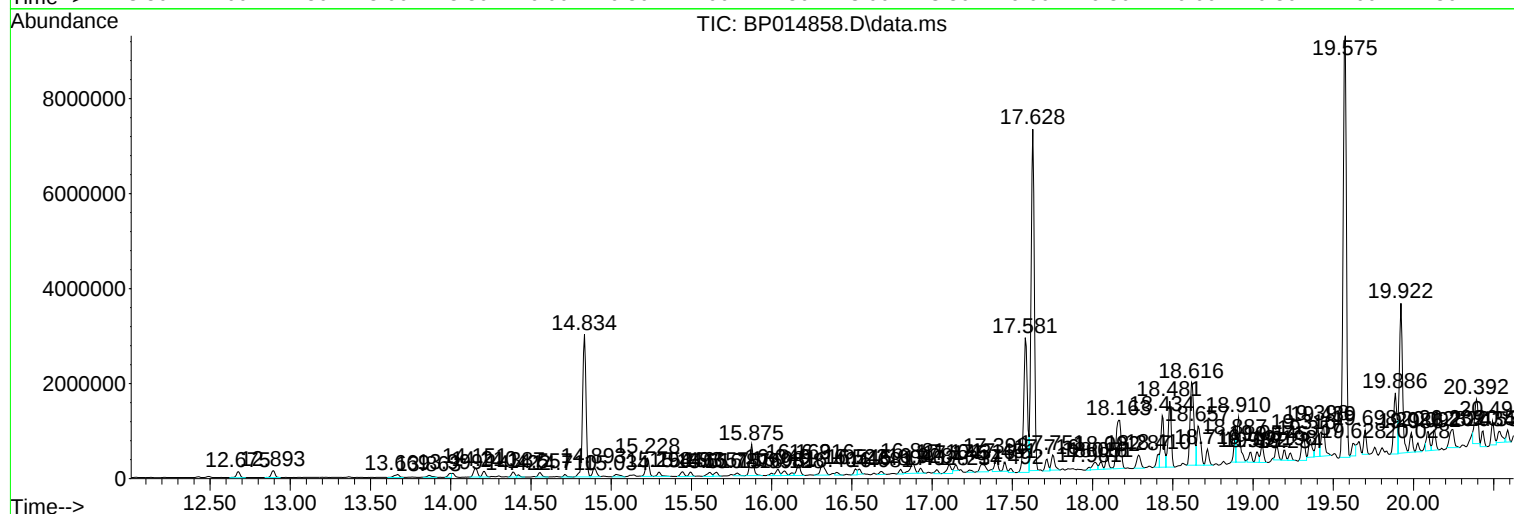
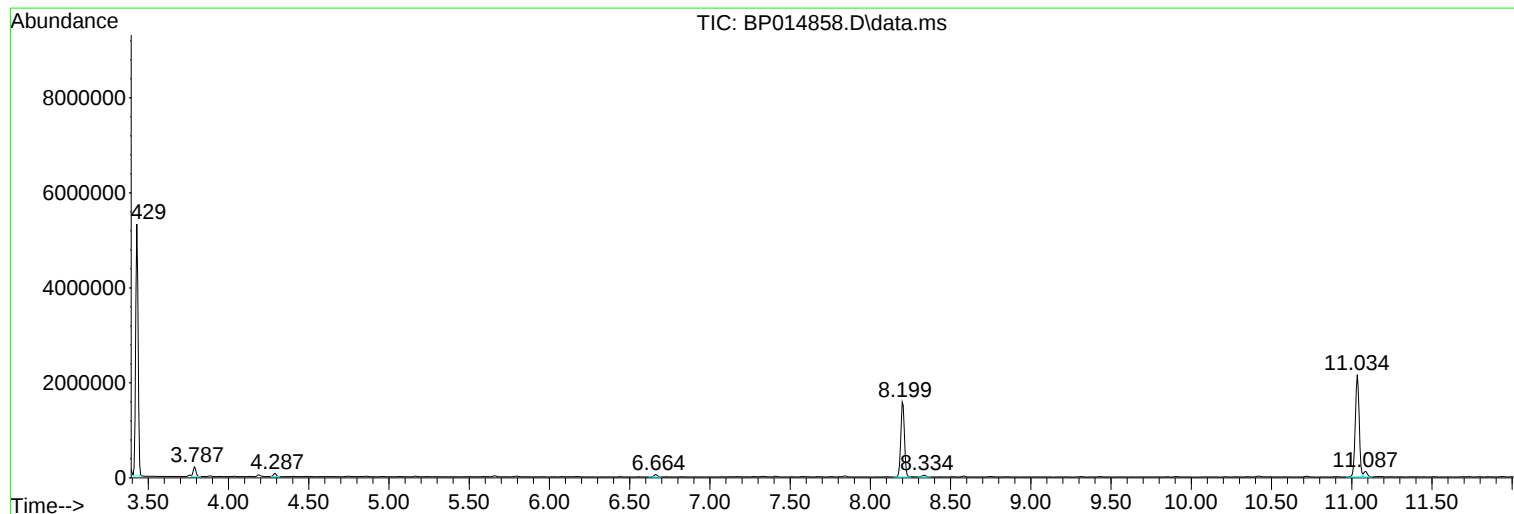
Sum of corrected areas: 100048135

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION

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



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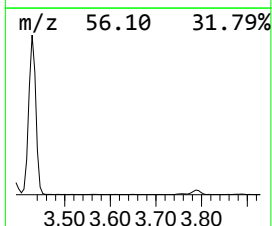
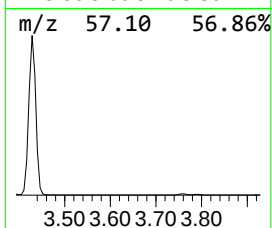
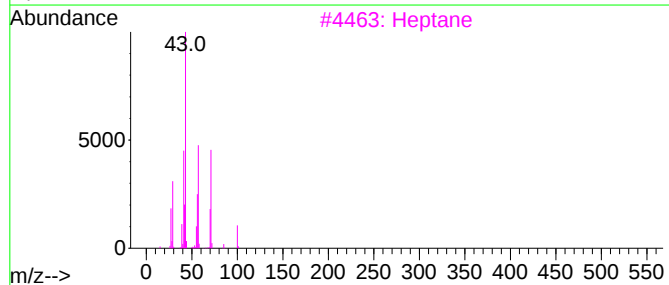
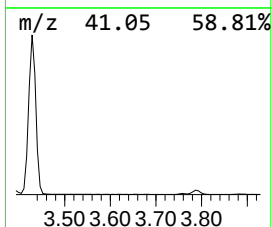
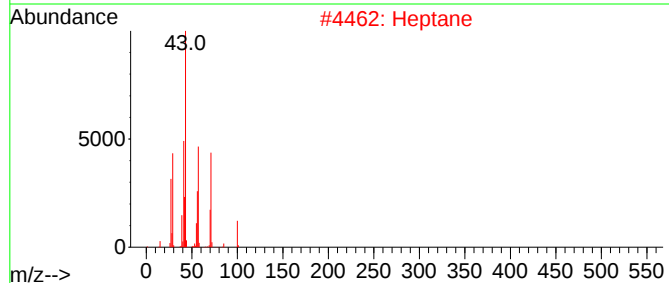
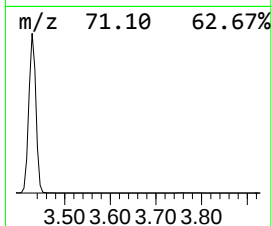
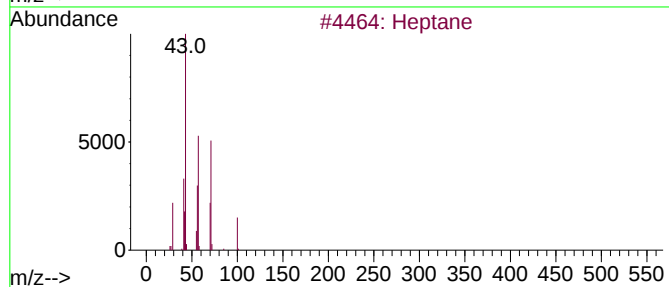
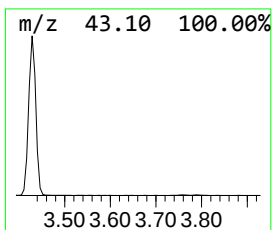
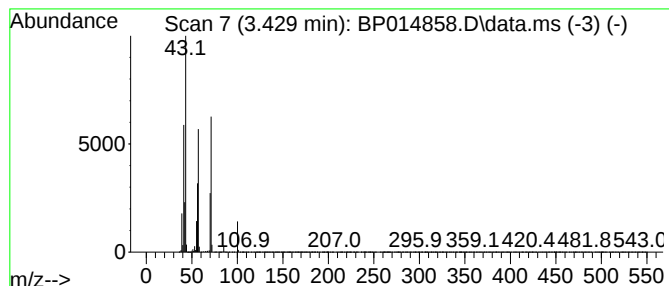
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.429	44.87 ng/ul	5655520	1,4-Dichlorobenzene-d4	8.199

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	91
2			Heptane	100	C7H16	000142-82-5	90
3			Heptane	100	C7H16	000142-82-5	90
4			Heptane	100	C7H16	000142-82-5	86
5			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59



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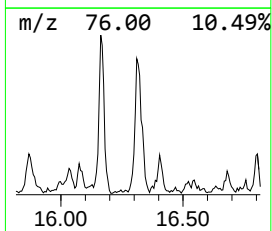
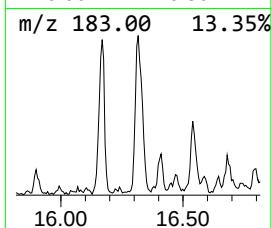
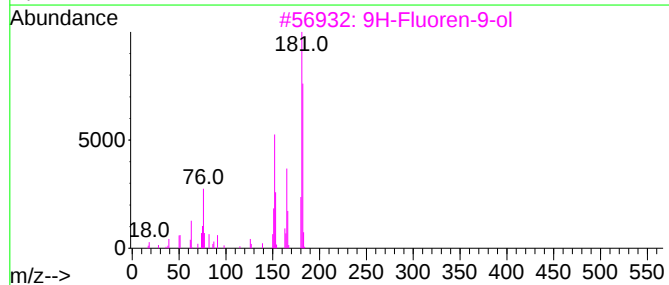
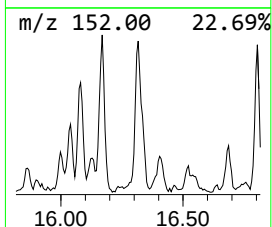
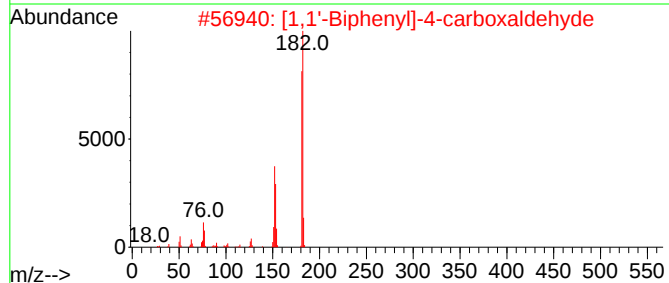
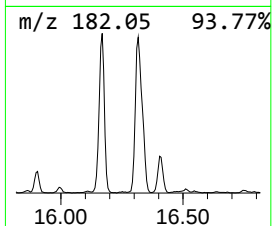
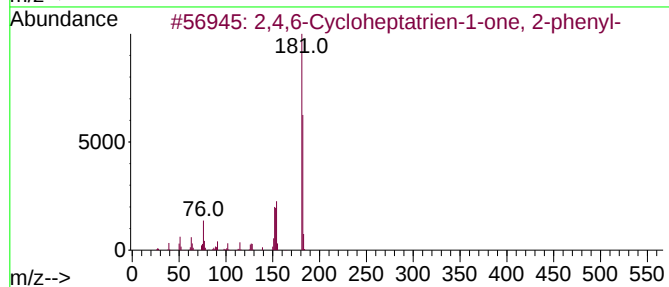
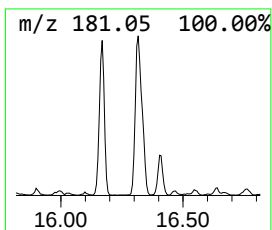
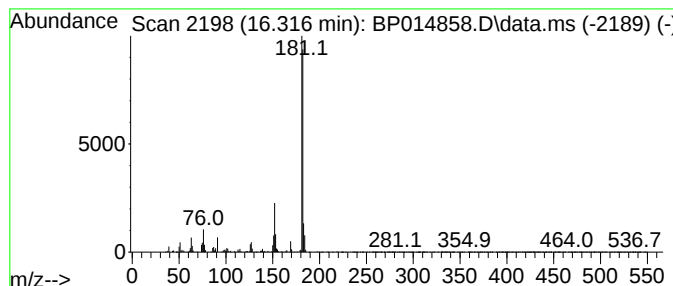
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 2,4,6-Cycloheptatrien-1-one... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.316	2.08 ng/ul	474079	Phenanthrene-d10	17.581

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87	
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81	
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78	
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78	
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	76	



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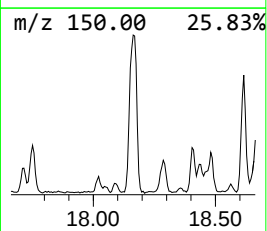
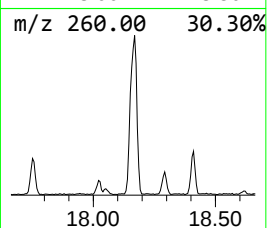
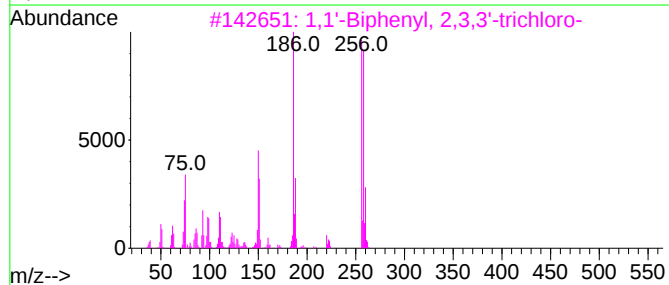
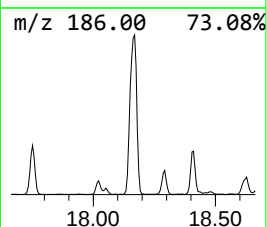
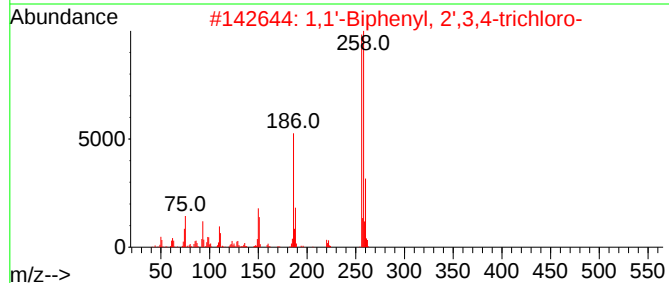
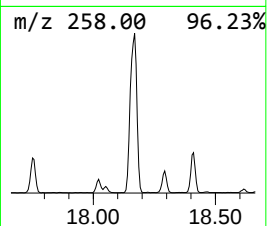
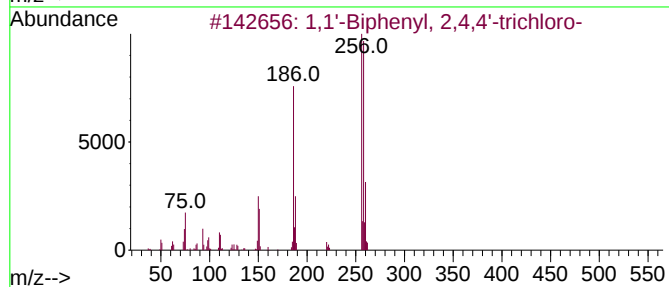
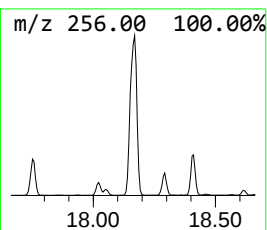
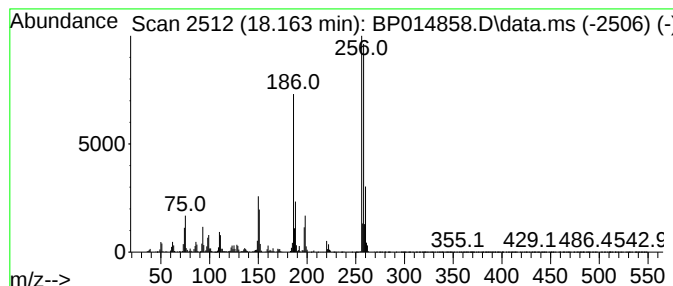
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	9.29 ng/ul	2117740	Phenanthrene-d10	17.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99		
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99		
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99		
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014858.D
Acq On : 27 Apr 2023 01:01
Operator : CG/JU
Sample : 02447-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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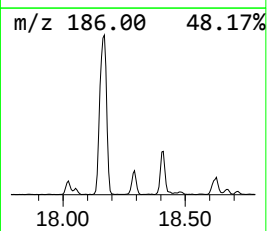
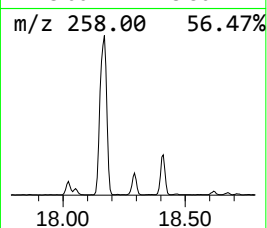
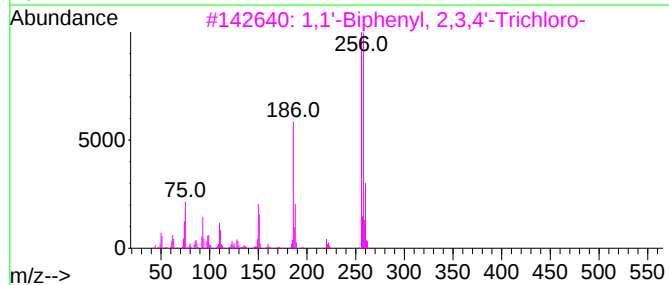
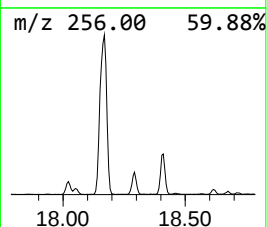
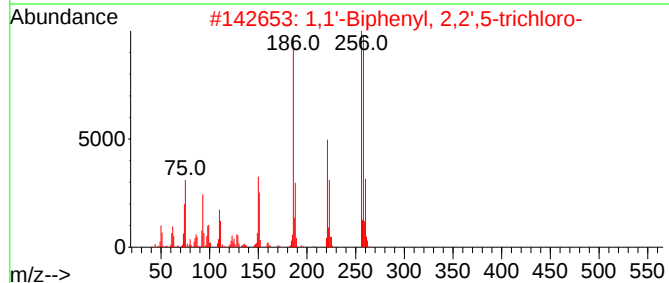
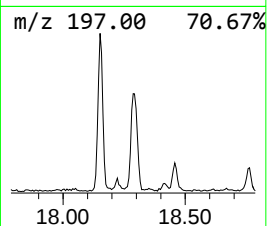
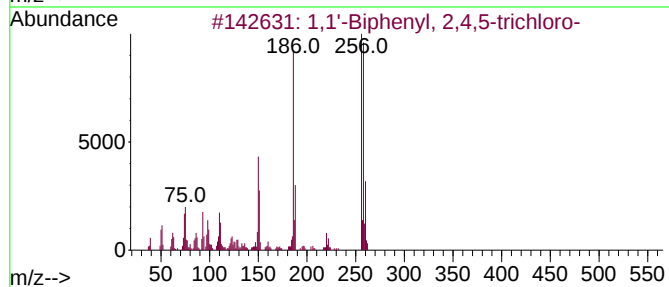
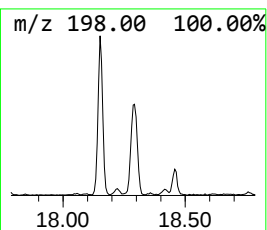
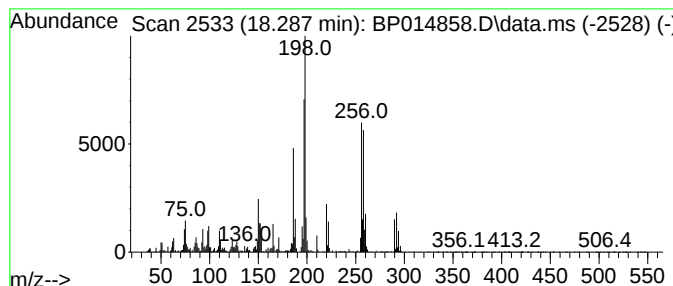
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,1'-Biphenyl, 2,4,5-trichl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.287	2.10 ng/ul	477857	Phenanthrene-d10	17.581

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	95	
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	94	
3	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	87	
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	86	
5	1,1'-Biphenyl, 2,3',4-trichloro-	256	C12H7Cl3	055712-37-3	86	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014858.D
Acq On : 27 Apr 2023 01:01
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Sample : 02447-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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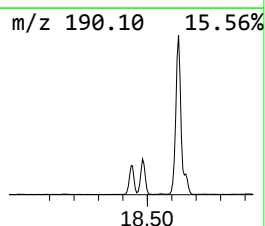
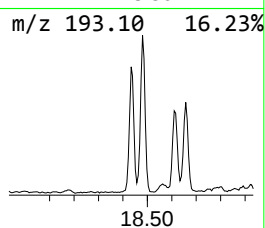
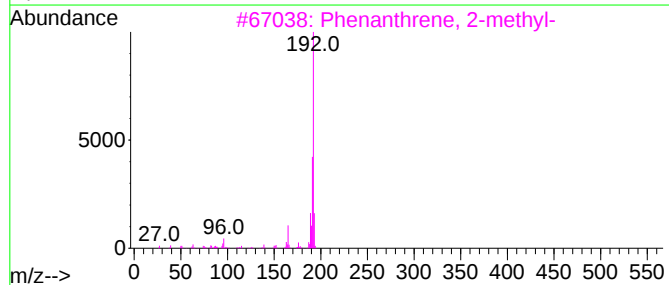
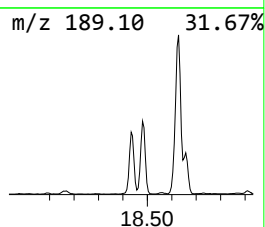
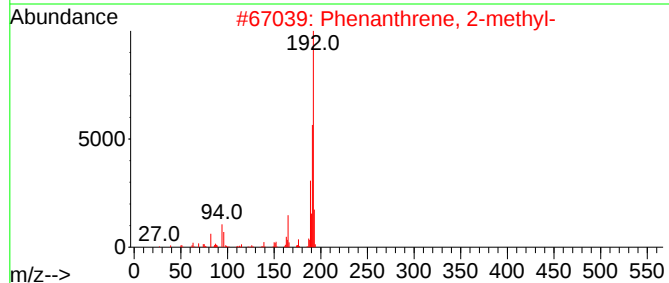
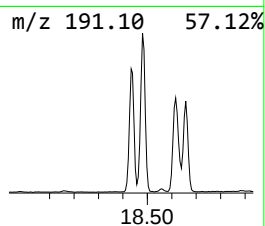
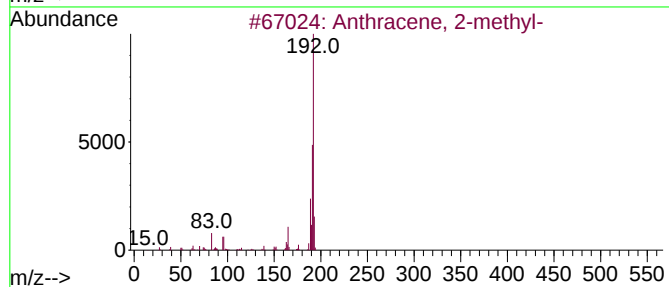
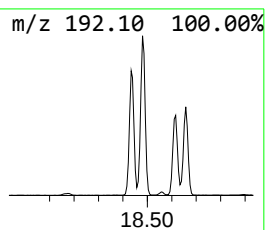
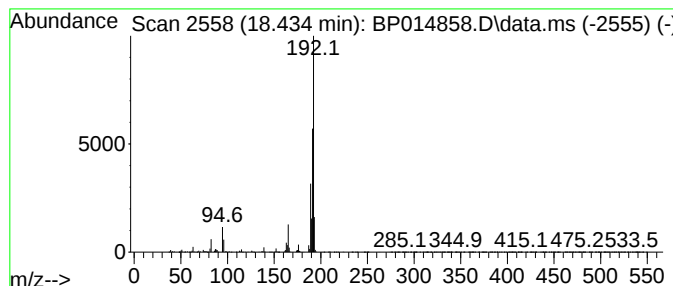
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.434	6.79 ng/ul	1548390	Phenanthrene-d10	17.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014858.D
Acq On : 27 Apr 2023 01:01
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BNA_P
ClientSampleId :
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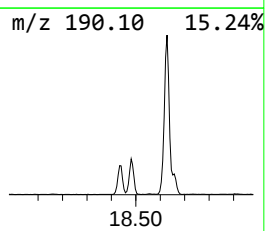
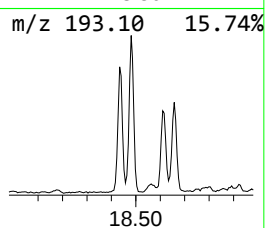
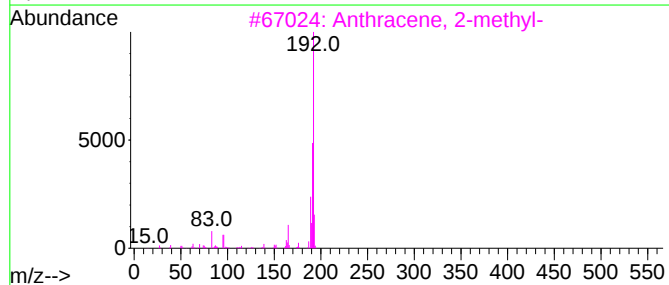
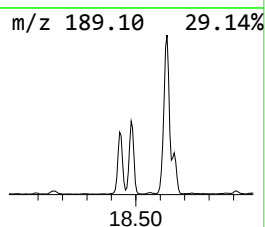
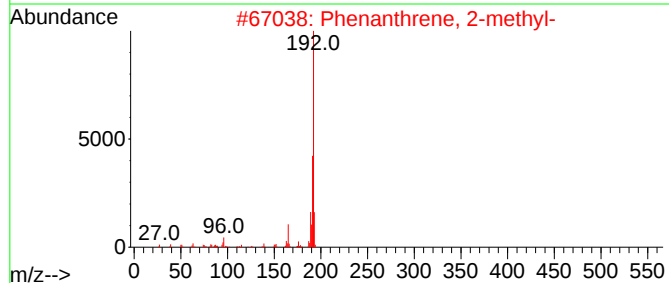
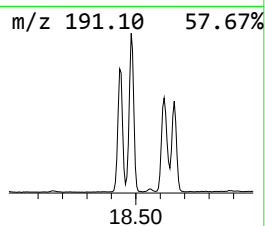
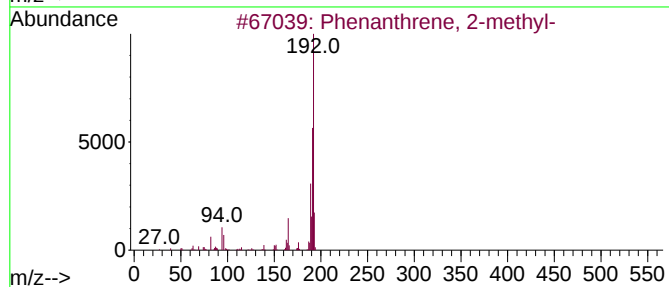
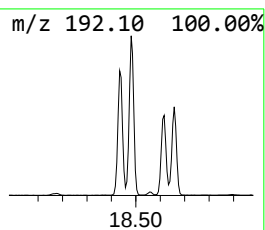
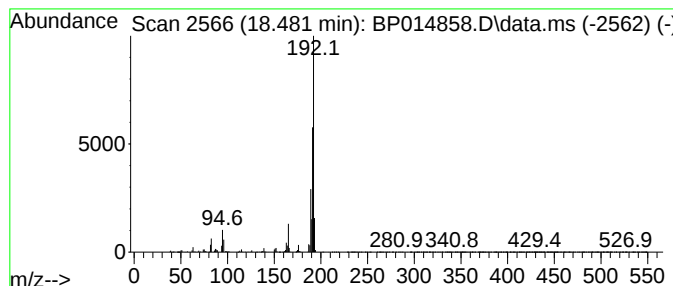
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.481	8.14 ng/ul	1855170	Phenanthrene-d10	17.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014858.D
Acq On : 27 Apr 2023 01:01
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Sample : 02447-08
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ClientSampleId :
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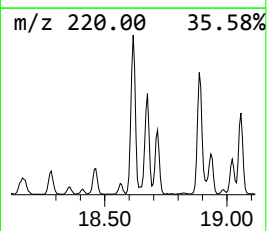
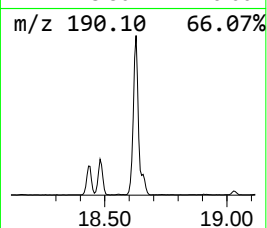
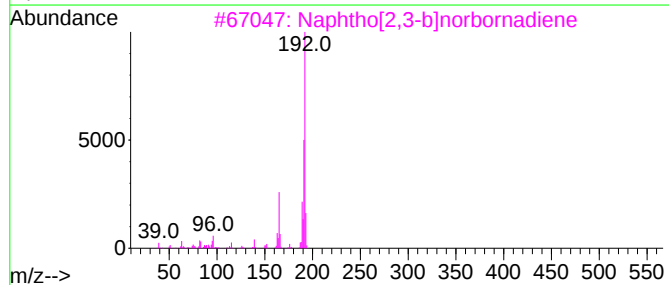
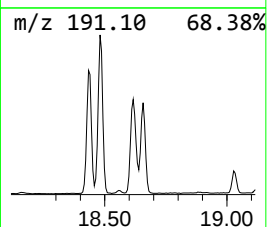
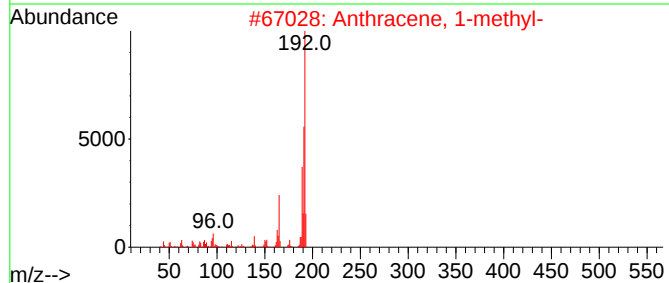
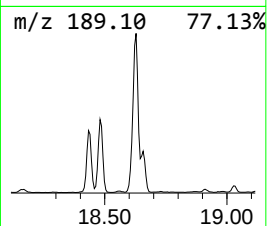
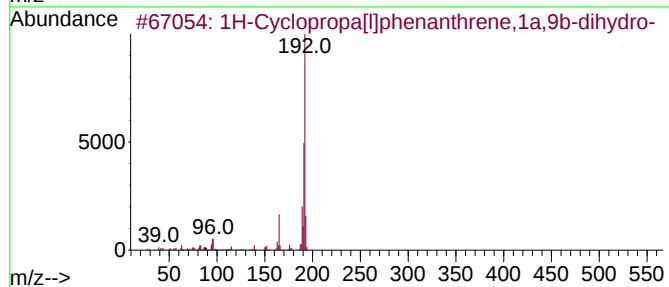
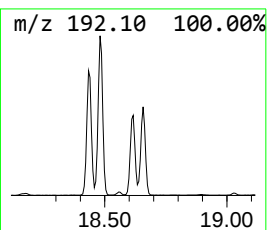
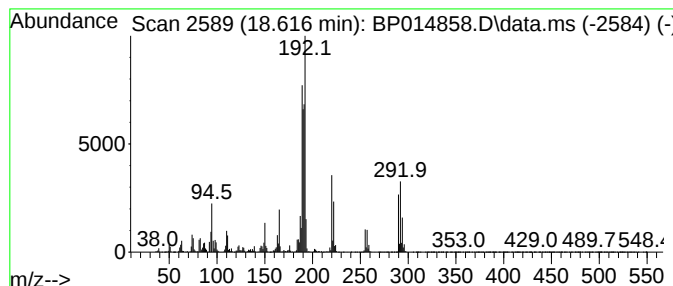
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	13.40 ng/ul	3055480	Phenanthrene-d10	17.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
3			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014858.D
Acq On : 27 Apr 2023 01:01
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Sample : 02447-08
Misc :
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Instrument :
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ClientSampleId :
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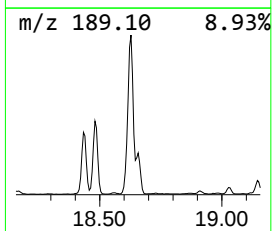
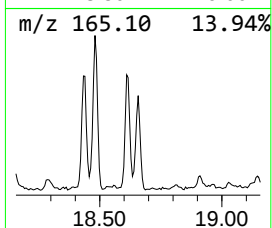
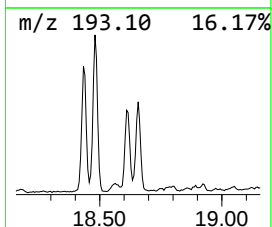
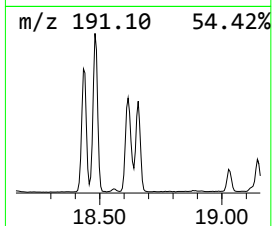
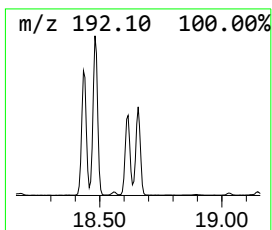
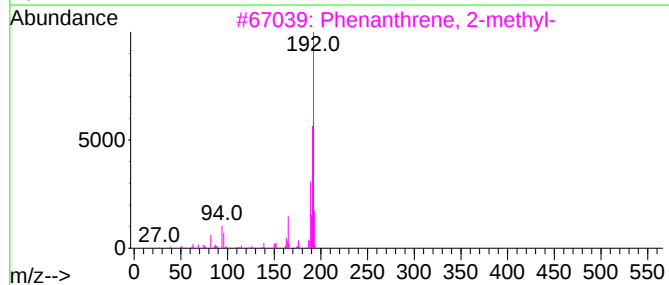
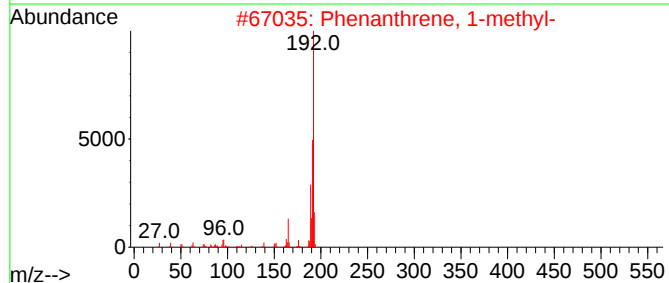
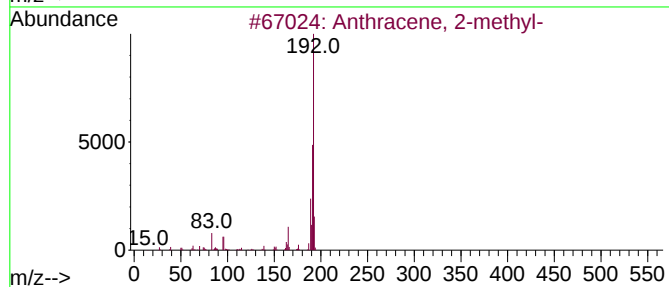
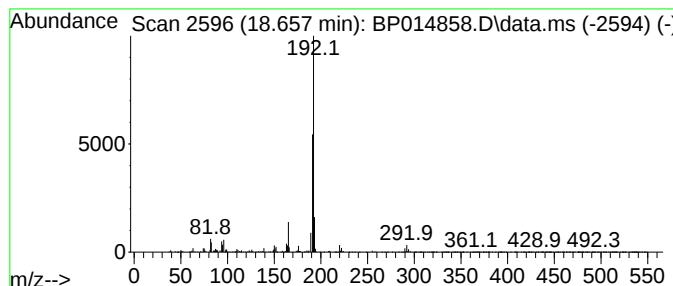
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	5.83 ng/ul	1329880	Phenanthrene-d10	17.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
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Misc :
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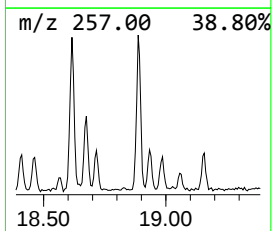
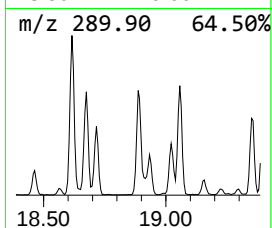
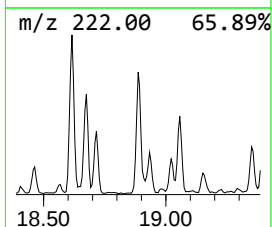
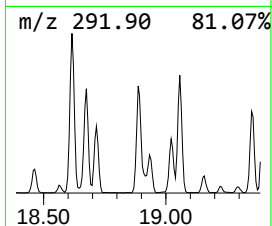
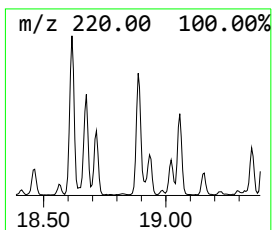
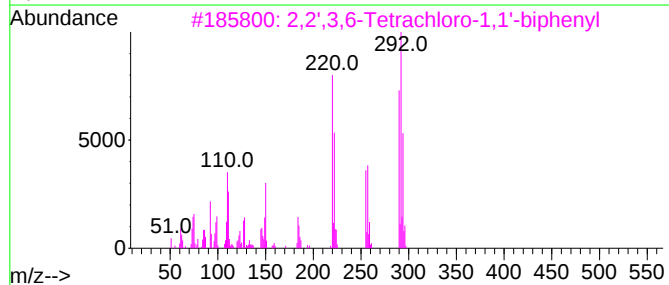
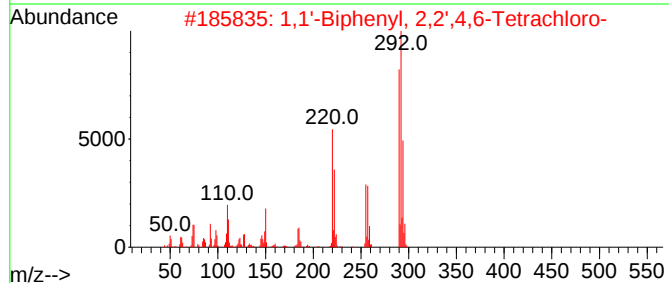
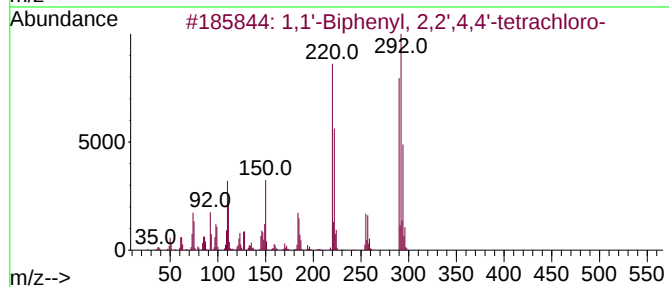
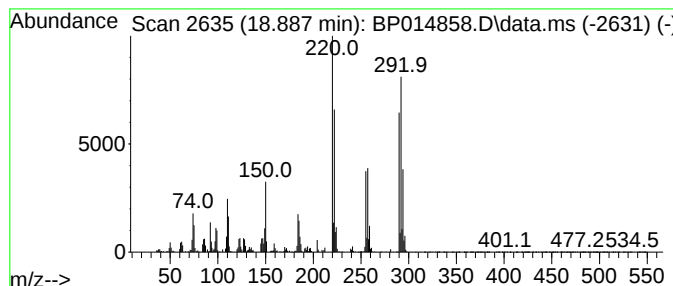
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.887	2.28 ng/ul	518984	Phenanthrene-d10	17.581	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014858.D
Acq On : 27 Apr 2023 01:01
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Misc :
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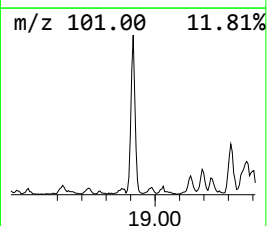
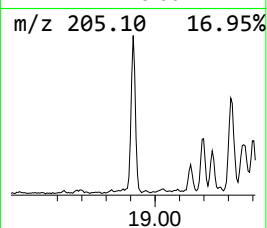
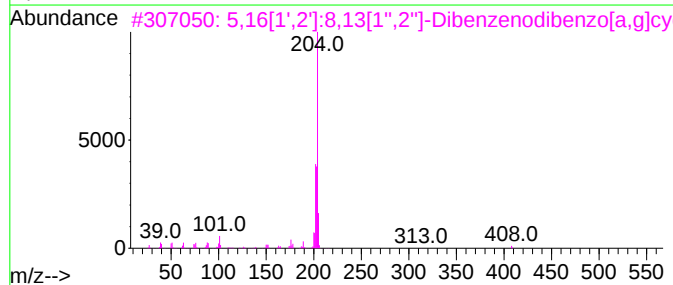
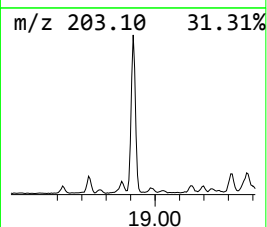
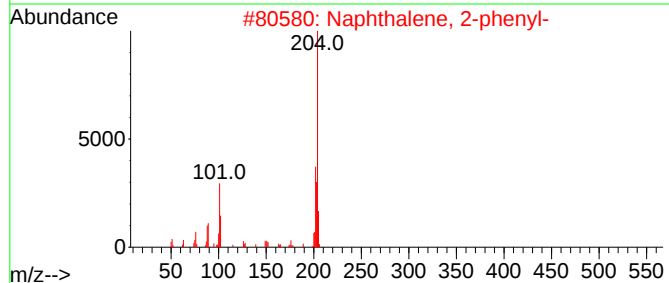
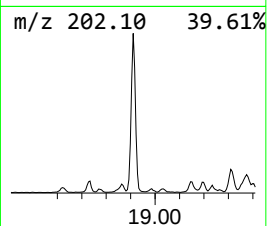
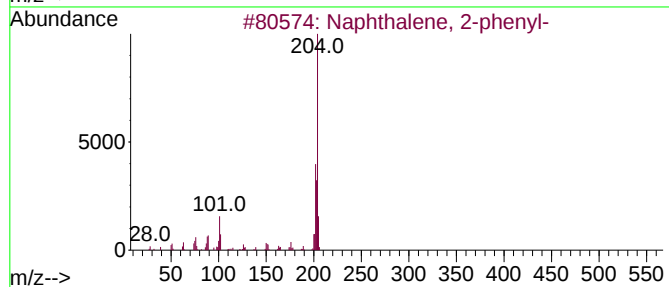
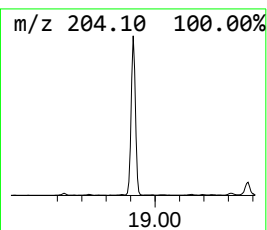
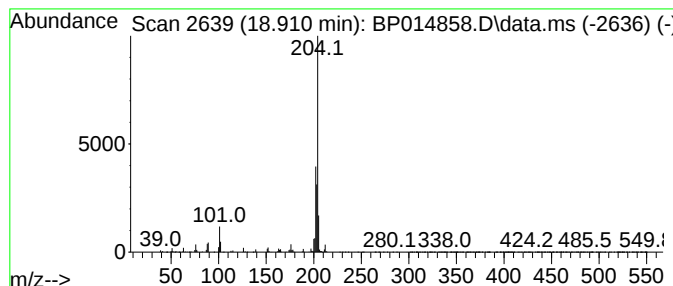
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.910	6.14 ng/ul	1399890	Phenanthrene-d10	17.581

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
3		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014858.D
Acq On : 27 Apr 2023 01:01
Operator : CG/JU
Sample : 02447-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW913

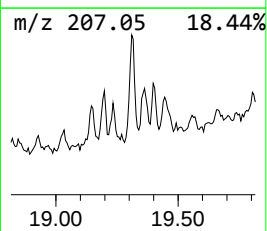
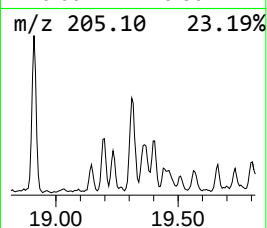
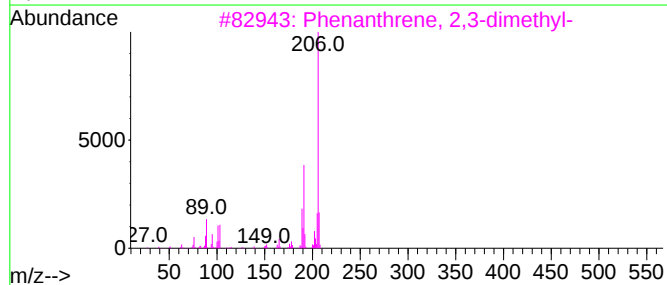
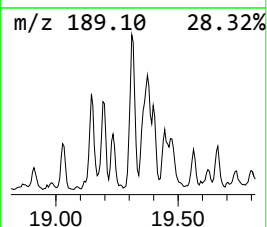
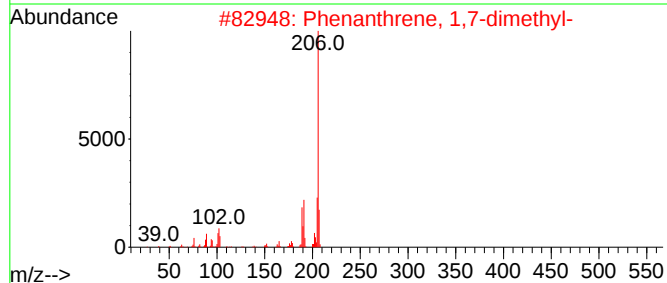
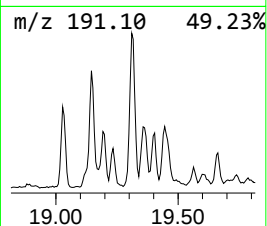
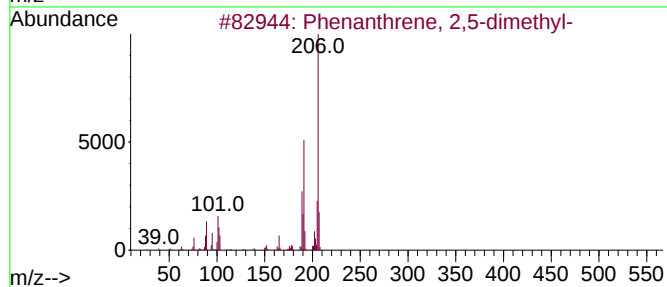
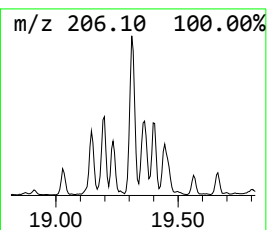
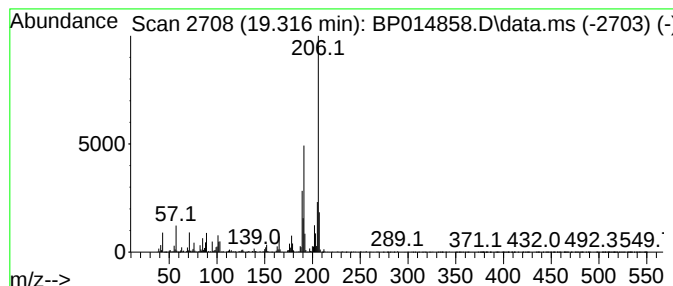
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.316	3.69 ng/ul	840661	Phenanthrene-d10	17.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014858.D
Acq On : 27 Apr 2023 01:01
Operator : CG/JU
Sample : 02447-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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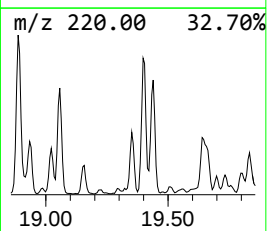
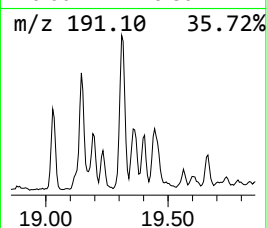
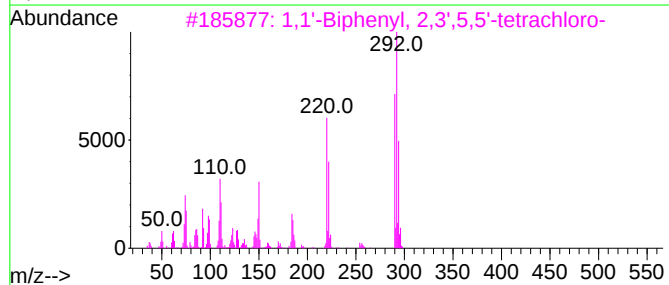
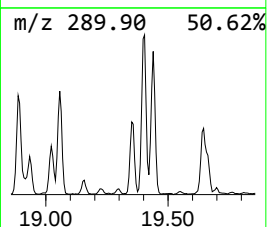
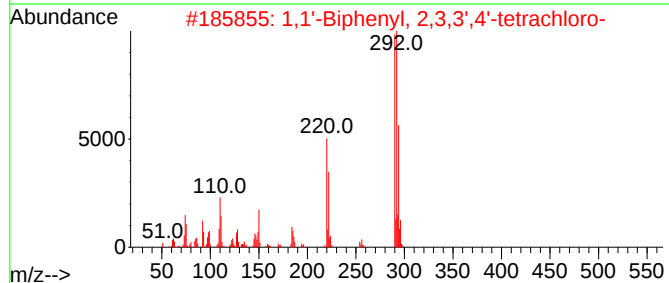
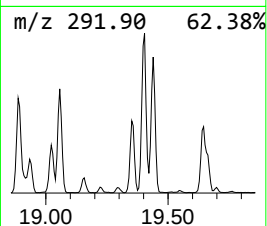
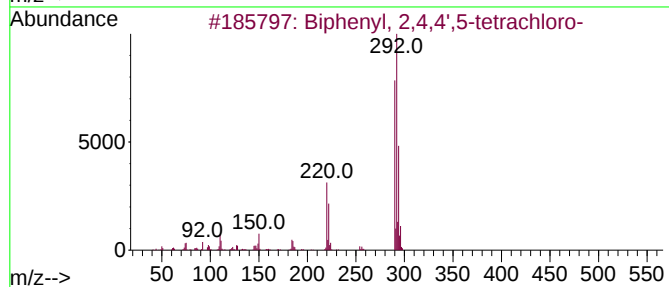
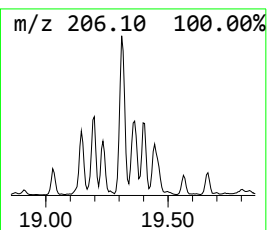
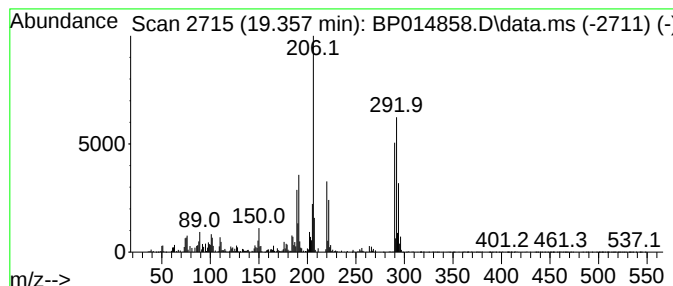
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.357	2.61 ng/ul	594651	Phenanthrene-d10	17.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	97
2			1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	97
3			1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	97
4			1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	97
5			1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014858.D
Acq On : 27 Apr 2023 01:01
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Sample : 02447-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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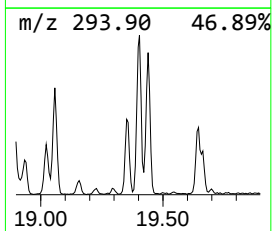
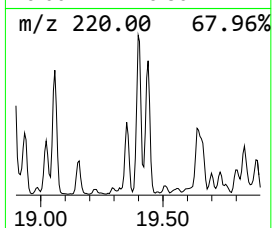
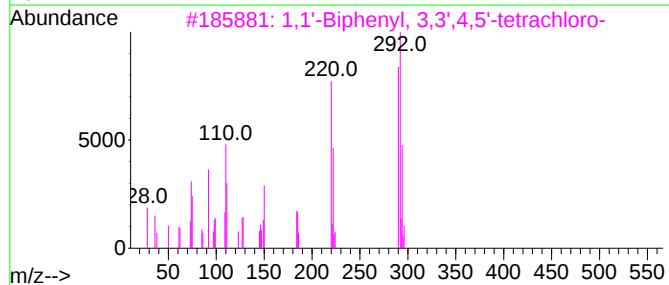
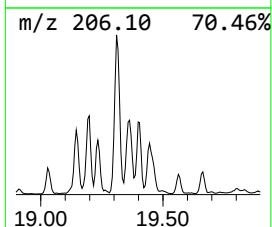
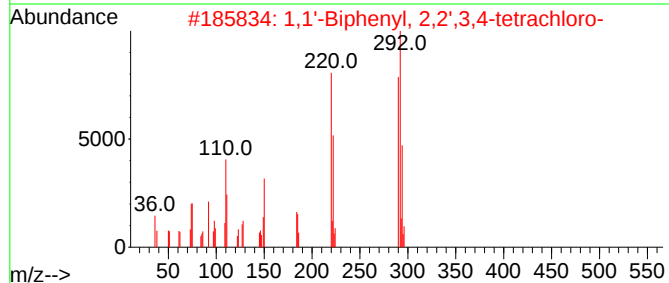
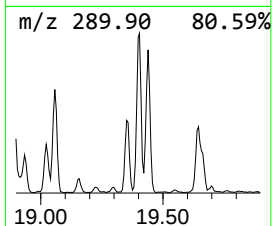
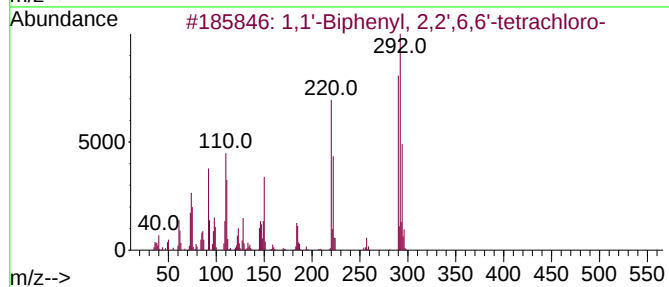
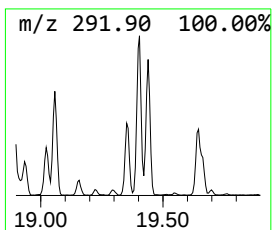
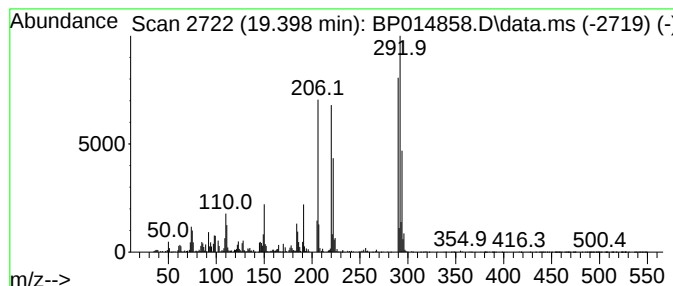
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	3.87 ng/ul	883295	Phenanthrene-d10	17.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99		
2	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99		
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99		
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	98		
5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	97		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014858.D
Acq On : 27 Apr 2023 01:01
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Sample : 02447-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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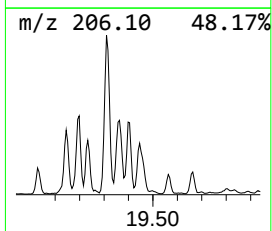
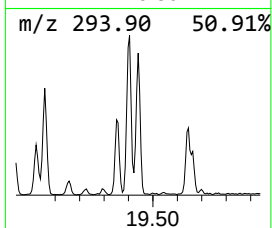
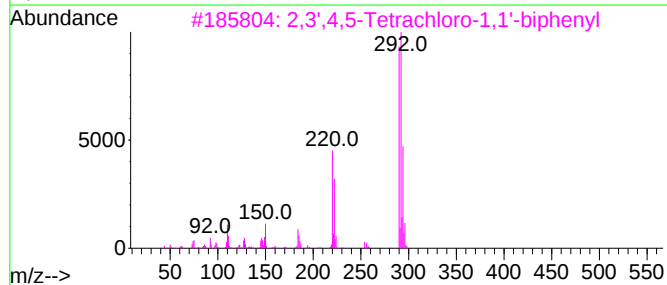
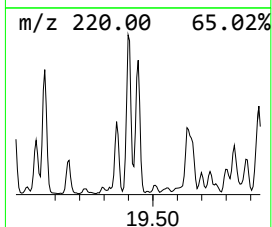
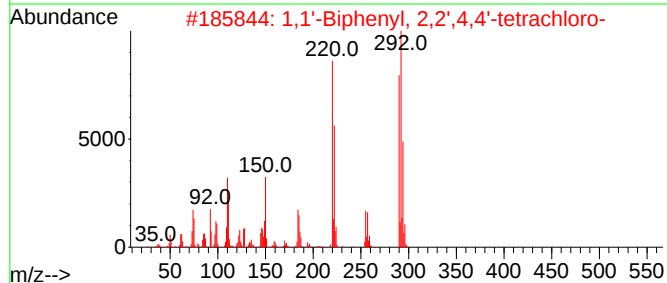
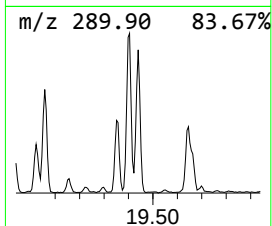
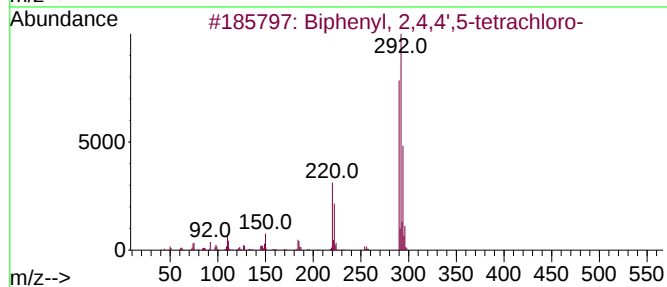
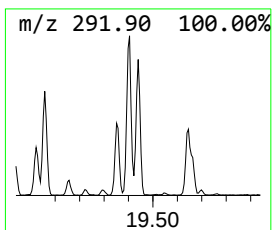
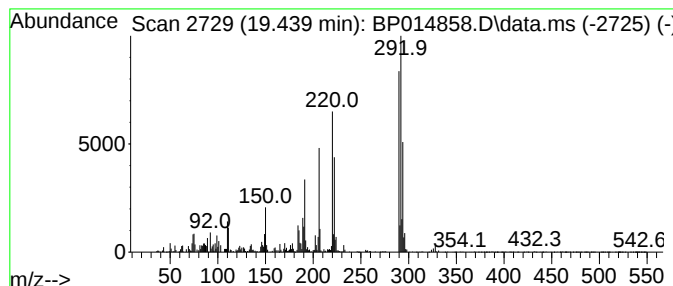
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	4.45 ng/ul	1013610	Phenanthrene-d10	17.581

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
2		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3		2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
4		1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
5		3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014858.D
Acq On : 27 Apr 2023 01:01
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Sample : 02447-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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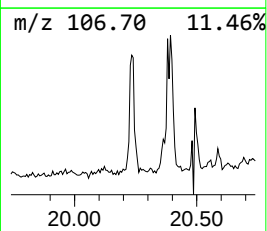
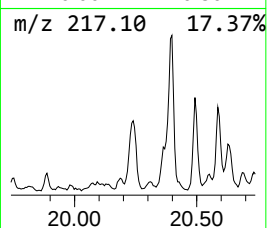
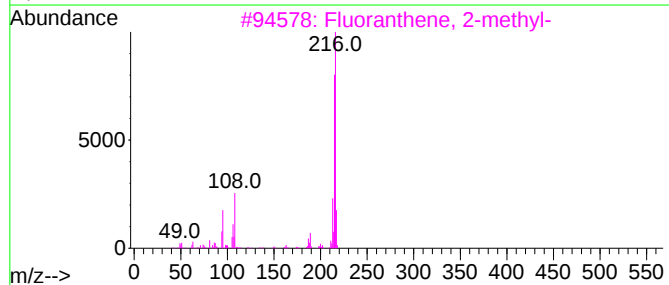
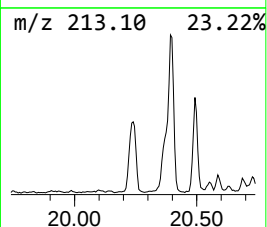
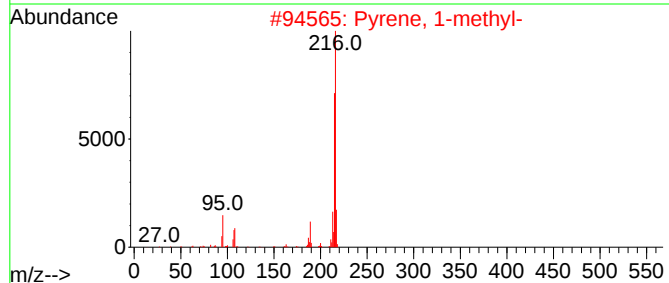
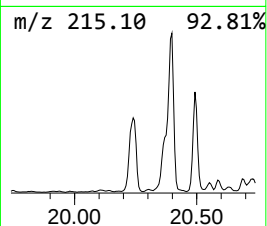
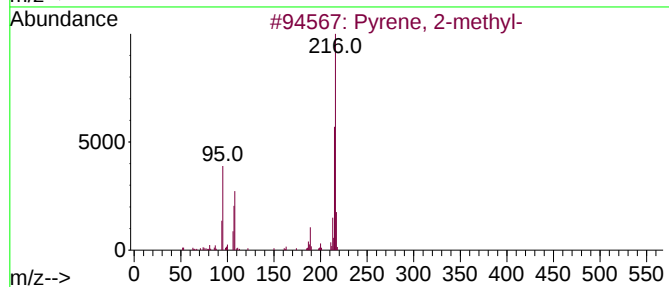
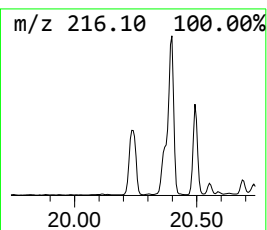
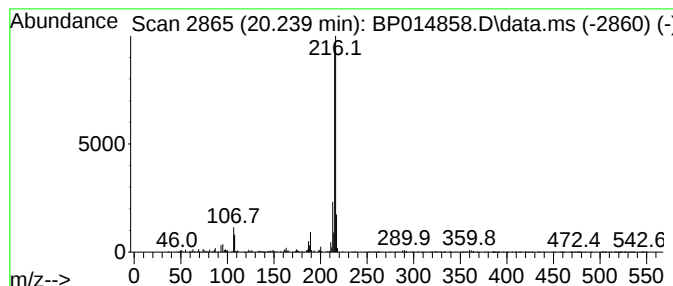
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.239	2.56 ng/ul	757596	Chrysene-d12	21.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014858.D
Acq On : 27 Apr 2023 01:01
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Sample : 02447-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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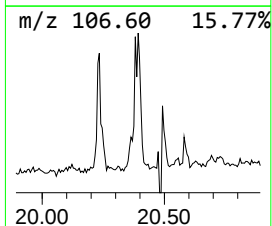
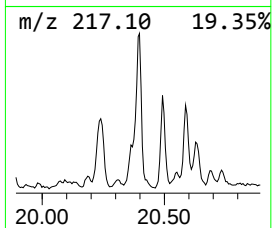
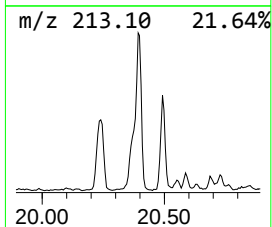
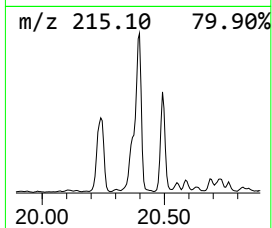
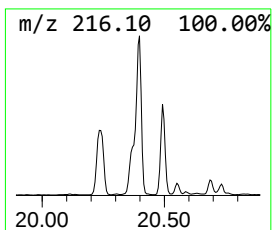
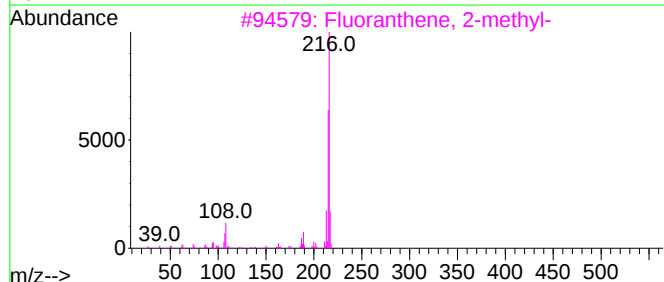
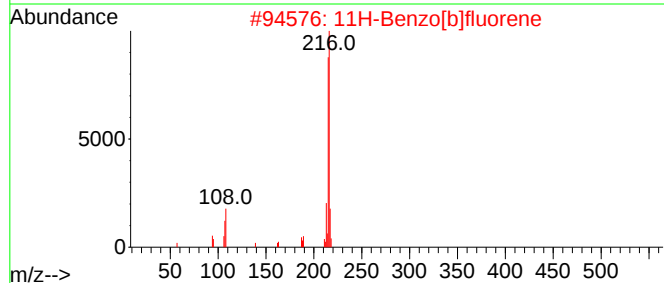
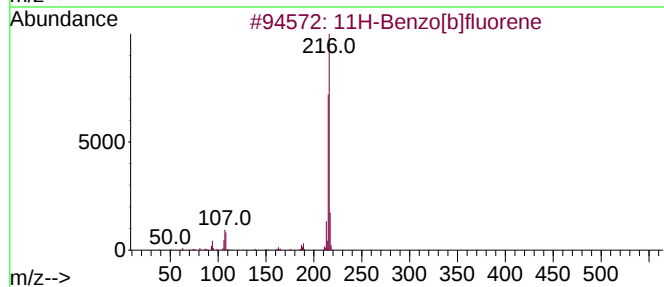
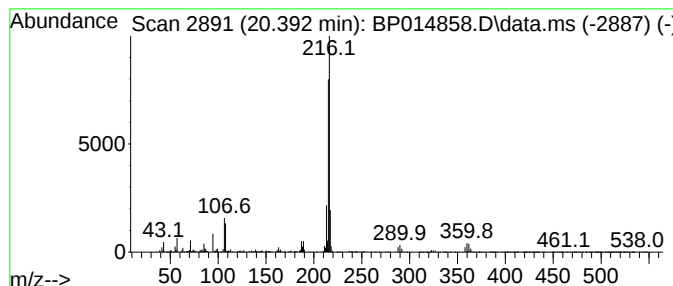
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.392	4.80 ng/ul	1416720	Chrysene-d12	21.657

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014858.D
Acq On : 27 Apr 2023 01:01
Operator : CG/JU
Sample : 02447-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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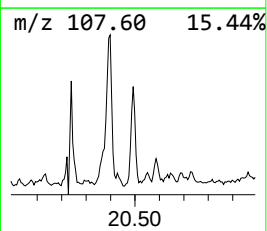
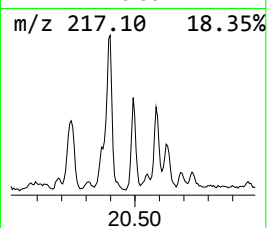
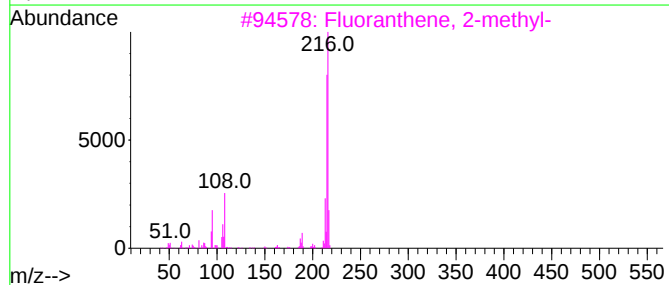
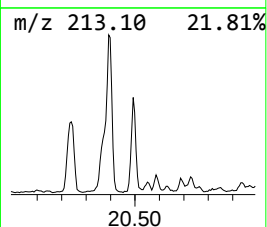
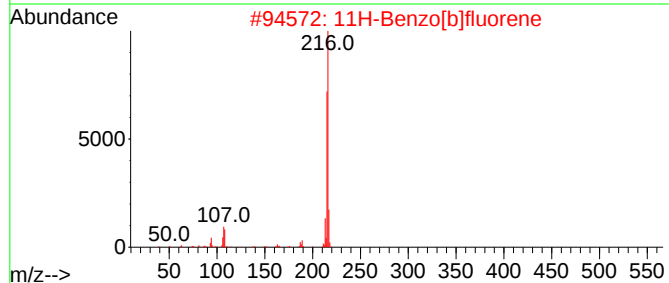
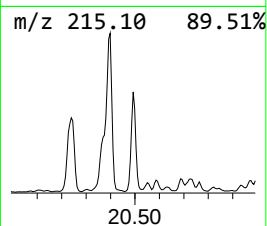
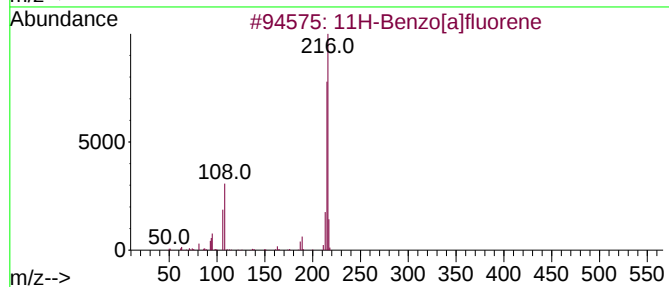
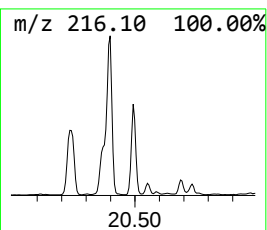
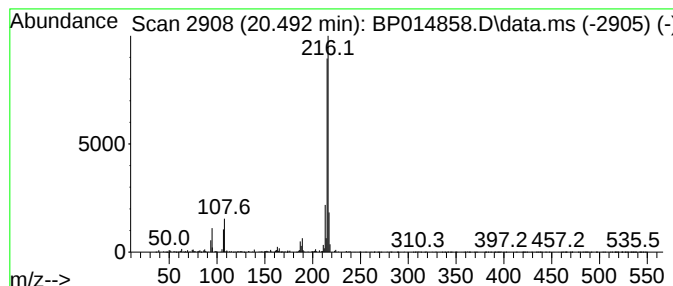
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.492	2.09 ng/ul	616505	Chrysene-d12	21.657

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014858.D
Acq On : 27 Apr 2023 01:01
Operator : CG/JU
Sample : 02447-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW913

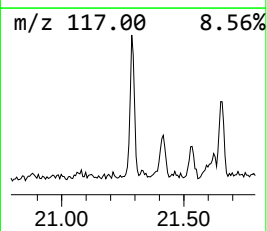
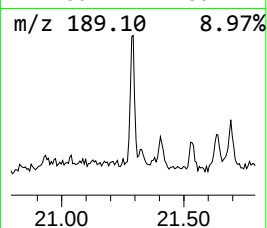
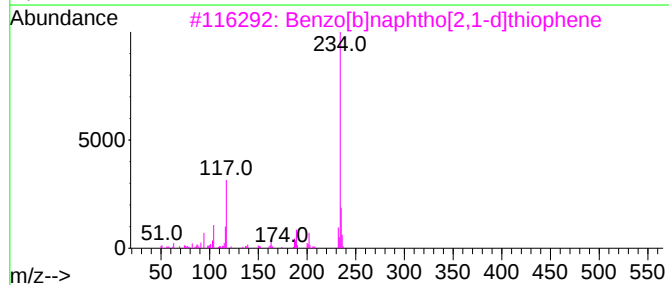
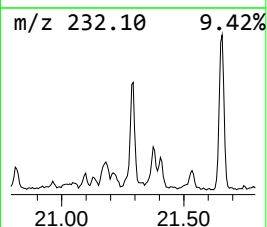
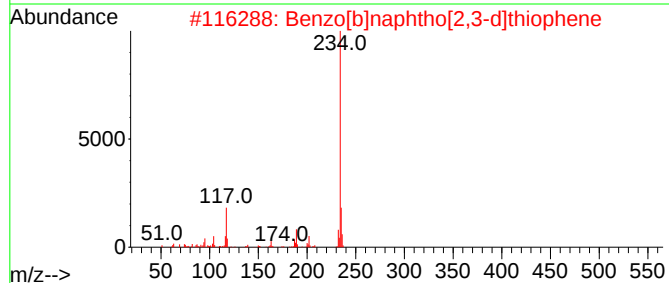
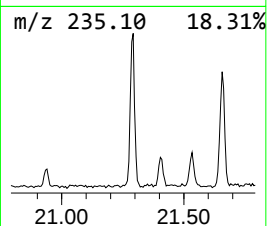
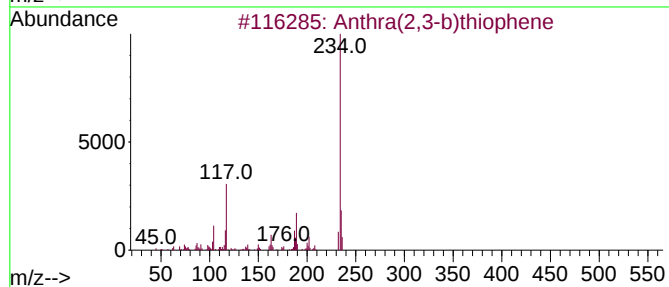
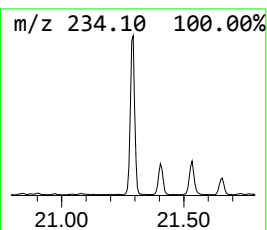
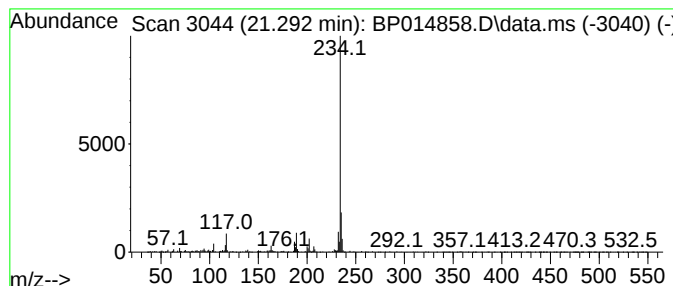
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Anthra(2,3-b)thiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.292	2.05 ng/ul	604278	Chrysene-d12	21.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	97
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
5			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014858.D
Acq On : 27 Apr 2023 01:01
Operator : CG/JU
Sample : 02447-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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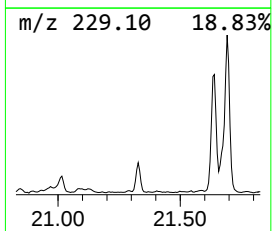
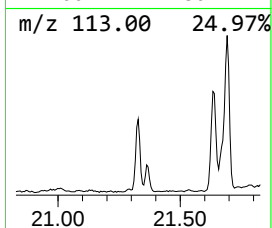
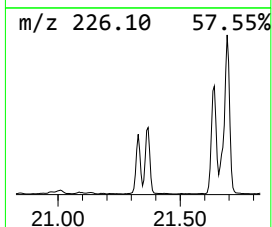
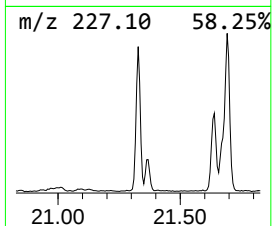
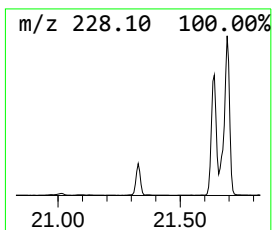
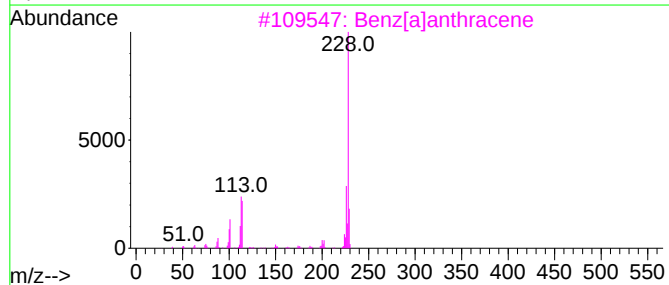
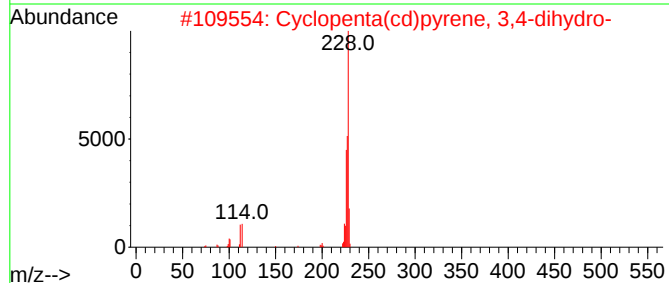
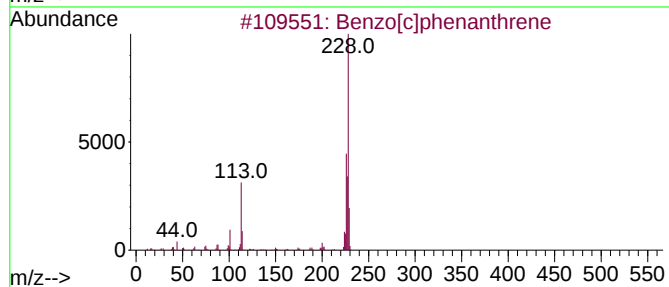
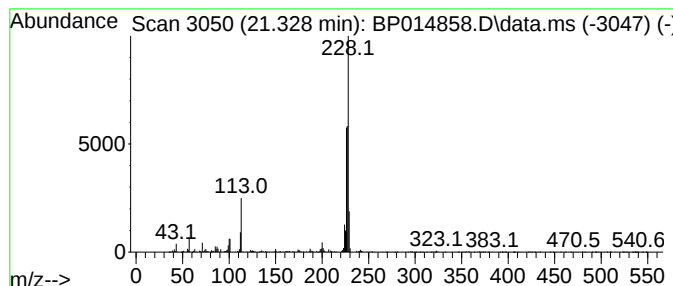
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Benzo[c]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.328	3.09 ng/ul	913094	Chrysene-d12	21.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]phenanthrene	228	C18H12	000195-19-7	83
2			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
3			Benz[a]anthracene	228	C18H12	000056-55-3	70
4			Chrysene	228	C18H12	000218-01-9	70
5			Triphenylene	228	C18H12	000217-59-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014858.D
 Acq On : 27 Apr 2023 01:01
 Operator : CG/JU
 Sample : 02447-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW913

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	3.429	44.9	ng/ul	5655520	1	8.199	2520720	20.0
2,4,6-Cyclohept...	16.316	2.1	ng/ul	474079	4	17.581	4560170	20.0
1,1'-Biphenyl, ...	18.163	9.3	ng/ul	2117740	4	17.581	4560170	20.0
1,1'-Biphenyl, ...	18.287	2.1	ng/ul	477857	4	17.581	4560170	20.0
Anthracene, 2-m...	18.434	6.8	ng/ul	1548390	4	17.581	4560170	20.0
Phenanthrene, 2...	18.481	8.1	ng/ul	1855170	4	17.581	4560170	20.0
1H-Cyclopropa[1...	18.616	13.4	ng/ul	3055480	4	17.581	4560170	20.0
Phenanthrene, 1...	18.657	5.8	ng/ul	1329880	4	17.581	4560170	20.0
1,1'-Biphenyl, ...	18.887	2.3	ng/ul	518984	4	17.581	4560170	20.0
Naphthalene, 2-...	18.910	6.1	ng/ul	1399890	4	17.581	4560170	20.0
Phenanthrene, 2...	19.316	3.7	ng/ul	840661	4	17.581	4560170	20.0
Biphenyl, 2,4,4...	19.357	2.6	ng/ul	594651	4	17.581	4560170	20.0
1,1'-Biphenyl, ...	19.398	3.9	ng/ul	883295	4	17.581	4560170	20.0
2,3',4,5-Tetrac...	19.439	4.5	ng/ul	1013610	4	17.581	4560170	20.0
Pyrene, 2-methyl-	20.239	2.6	ng/ul	757596	5	21.657	5907240	20.0
11H-Benzo[b]flu...	20.392	4.8	ng/ul	1416720	5	21.657	5907240	20.0
11H-Benzo[a]flu...	20.492	2.1	ng/ul	616505	5	21.657	5907240	20.0
Anthra(2,3-b)th...	21.292	2.0	ng/ul	604278	5	21.657	5907240	20.0
Benzo[c]phenant...	21.328	3.1	ng/ul	913094	5	21.657	5907240	20.0