

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014983.D
 Acq On : 05 May 2023 14:49
 Operator : CG/JU
 Sample : 02479-08DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW949DL

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-BP050323.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP014983.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.017	102	107	113	rVB	57298	80232	1.07%	0.111%
2	4.246	142	146	154	rVB	24489	37882	0.50%	0.052%
3	5.293	320	324	330	rBV6	11606	22065	0.29%	0.030%
4	7.311	658	667	676	rBV	75169	140379	1.87%	0.193%
5	7.481	690	696	703	rBV	70756	115499	1.54%	0.159%
6	7.687	721	731	740	rBV	79847	138716	1.85%	0.191%
7	8.163	805	812	824	rBV	1359904	2199704	29.28%	3.031%
8	8.875	927	933	942	rBV	72867	130493	1.74%	0.180%
9	8.999	947	954	961	rVB2	30660	50433	0.67%	0.069%
10	9.346	1007	1013	1019	rBV	70633	122676	1.63%	0.169%
11	9.740	1074	1080	1087	rBV5	7888	16720	0.22%	0.023%
12	10.075	1131	1137	1150	rBV	57403	108059	1.44%	0.149%
13	10.616	1223	1229	1236	rBV	89271	157439	2.10%	0.217%
14	11.004	1282	1295	1301	rBV	2055613	3469211	46.18%	4.780%
15	11.051	1301	1303	1310	rVV	41187	61193	0.81%	0.084%
16	11.140	1310	1318	1326	rVV2	32048	64982	0.87%	0.090%
17	12.393	1526	1531	1538	rBV5	11050	18495	0.25%	0.025%
18	12.651	1569	1575	1581	rVB	65945	104194	1.39%	0.144%
19	12.869	1605	1612	1621	rBV	56601	96749	1.29%	0.133%
20	13.340	1686	1692	1696	rBV3	10924	15854	0.21%	0.022%
21	13.622	1733	1740	1743	rBV	24210	43887	0.58%	0.060%
22	13.645	1743	1744	1748	rVV2	17555	16936	0.23%	0.023%
23	13.693	1748	1752	1757	rVB	19355	29710	0.40%	0.041%
24	13.840	1773	1777	1788	rVB	24985	56408	0.75%	0.078%
25	13.975	1792	1800	1808	rBV3	46994	127272	1.69%	0.175%
26	14.134	1821	1827	1831	rBV2	70019	119767	1.59%	0.165%
27	14.210	1831	1840	1847	rVV	197728	342324	4.56%	0.472%
28	14.275	1847	1851	1855	rVB4	17725	23371	0.31%	0.032%
29	14.369	1862	1867	1870	rBV	32568	48010	0.64%	0.066%
30	14.504	1884	1890	1905	rBV2	220945	421513	5.61%	0.581%
31	14.634	1910	1912	1917	rVB5	11713	14724	0.20%	0.020%
32	14.687	1917	1921	1925	rBV	24679	30973	0.41%	0.043%
33	14.810	1930	1942	1948	rBV	3217583	4728255	62.94%	6.515%
34	14.875	1948	1953	1960	rVB	231102	339540	4.52%	0.468%
35	14.940	1960	1964	1969	rVB2	18483	26782	0.36%	0.037%
36	15.004	1970	1975	1986	rVB3	39864	102662	1.37%	0.141%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Title : SVOA CALIBRATION

37	15.092	1986	1990	1993	rBV3	17402	29868	0.40%	0.041%
38	15.204	2003	2009	2016	rBV	141379	232200	3.09%	0.320%
39	15.281	2018	2022	2025	rVB	30458	42048	0.56%	0.058%
40	15.422	2042	2046	2051	rBV2	30638	51170	0.68%	0.071%
41	15.475	2051	2055	2060	rVB	32556	44443	0.59%	0.061%
42	15.592	2069	2075	2079	rBV3	34858	71310	0.95%	0.098%
43	15.634	2079	2082	2087	rVB2	44210	59174	0.79%	0.082%
44	15.798	2105	2110	2115	rBV	279656	398886	5.31%	0.550%
45	15.857	2115	2120	2125	rVV	227165	324573	4.32%	0.447%
46	15.916	2127	2130	2135	rVV3	29832	53238	0.71%	0.073%
47	15.981	2138	2141	2144	rVV2	33588	40683	0.54%	0.056%
48	16.022	2144	2148	2160	rVB4	42450	114775	1.53%	0.158%
49	16.157	2166	2171	2176	rVB3	101555	186318	2.48%	0.257%
50	16.298	2191	2195	2203	rVB2	60493	119657	1.59%	0.165%
51	16.528	2226	2234	2241	rBV3	126818	248619	3.31%	0.343%
52	17.010	2314	2316	2320	rVB2	30377	33757	0.45%	0.047%
53	17.216	2347	2351	2357	rVB	136049	192680	2.56%	0.266%
54	17.298	2360	2365	2370	rVV4	69287	134863	1.80%	0.186%
55	17.351	2371	2374	2376	rVV3	59843	86516	1.15%	0.119%
56	17.386	2376	2380	2387	rVB	165927	258444	3.44%	0.356%
57	17.569	2405	2411	2414	rBV	3796095	5282529	70.32%	7.279%
58	17.610	2414	2418	2423	rVV	3597589	5020854	66.84%	6.918%
59	17.663	2423	2427	2430	rVV	361376	554324	7.38%	0.764%
60	17.698	2430	2433	2438	rVV	861197	1120491	14.92%	1.544%
61	17.757	2438	2443	2449	rVV	102714	161085	2.14%	0.222%
62	17.963	2471	2478	2488	rBV2	427577	696624	9.27%	0.960%
63	18.033	2488	2490	2494	rVV4	48226	54210	0.72%	0.075%
64	18.075	2494	2497	2501	rVV	56364	80115	1.07%	0.110%
65	18.139	2505	2508	2515	rVB2	75603	115045	1.53%	0.159%
66	18.422	2551	2556	2560	rBV	402895	570369	7.59%	0.786%
67	18.469	2560	2564	2570	rVV	479670	655875	8.73%	0.904%
68	18.545	2573	2577	2582	rVV	151107	214298	2.85%	0.295%
69	18.616	2582	2589	2592	rVV3	597461	1067729	14.21%	1.471%
70	18.645	2592	2594	2599	rVB	227456	243790	3.25%	0.336%
71	18.751	2609	2612	2616	rBV2	53863	74100	0.99%	0.102%
72	18.898	2633	2637	2641	rBV	270460	350936	4.67%	0.484%
73	18.939	2641	2644	2650	rVB2	217766	282105	3.76%	0.389%
74	19.133	2674	2677	2682	rVB	96650	112926	1.50%	0.156%
75	19.304	2701	2706	2710	rBV2	195277	324139	4.31%	0.447%
76	19.439	2725	2729	2736	rBV2	174342	303675	4.04%	0.418%

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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF Filtering: 5
 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Title : SVOA CALIBRATION

77	19.557	2744	2749	2755	rBV	5502688	7511953	100.00%	10.351%
78	19.651	2762	2765	2769	rVB2	139785	164860	2.19%	0.227%
79	19.786	2784	2788	2793	rBV3	230847	396067	5.27%	0.546%
80	19.880	2799	2804	2806	rBV2	1187795	1789035	23.82%	2.465%
81	19.910	2806	2809	2816	rVV	4485593	6084235	80.99%	8.384%
82	19.975	2817	2820	2826	rVB2	213133	291741	3.88%	0.402%
83	20.080	2835	2838	2843	rVB	212208	276945	3.69%	0.382%
84	20.145	2845	2849	2854	rVB	252914	351718	4.68%	0.485%
85	20.216	2858	2861	2868	rVB2	185560	409558	5.45%	0.564%
86	20.386	2886	2890	2895	rVB	571806	828277	11.03%	1.141%
87	20.486	2903	2907	2911	rBV2	437827	576150	7.67%	0.794%
88	20.545	2914	2917	2920	rVB	266090	338784	4.51%	0.467%
89	20.680	2937	2940	2943	rBV	259542	293716	3.91%	0.405%
90	20.727	2945	2948	2955	rVB	198032	327324	4.36%	0.451%
91	21.116	3012	3014	3021	rVB	253915	321583	4.28%	0.443%
92	21.316	3045	3048	3052	rVB2	410521	494468	6.58%	0.681%
93	21.363	3053	3056	3060	rVV2	330873	441165	5.87%	0.608%
94	21.645	3097	3104	3108	rBV2	3385092	7111730	94.67%	9.800%
95	21.686	3108	3111	3120	rVB	1789567	2432247	32.38%	3.351%
96	21.816	3130	3133	3139	rVB	355340	490035	6.52%	0.675%
97	23.445	3406	3410	3416	rBV	817362	1803846	24.01%	2.486%
98	24.015	3503	3507	3514	rVB	580271	1086742	14.47%	1.497%
99	24.133	3522	3527	3536	rVB	983949	2107230	28.05%	2.904%
100	24.251	3541	3547	3553	rVV2	1462554	3011111	40.08%	4.149%

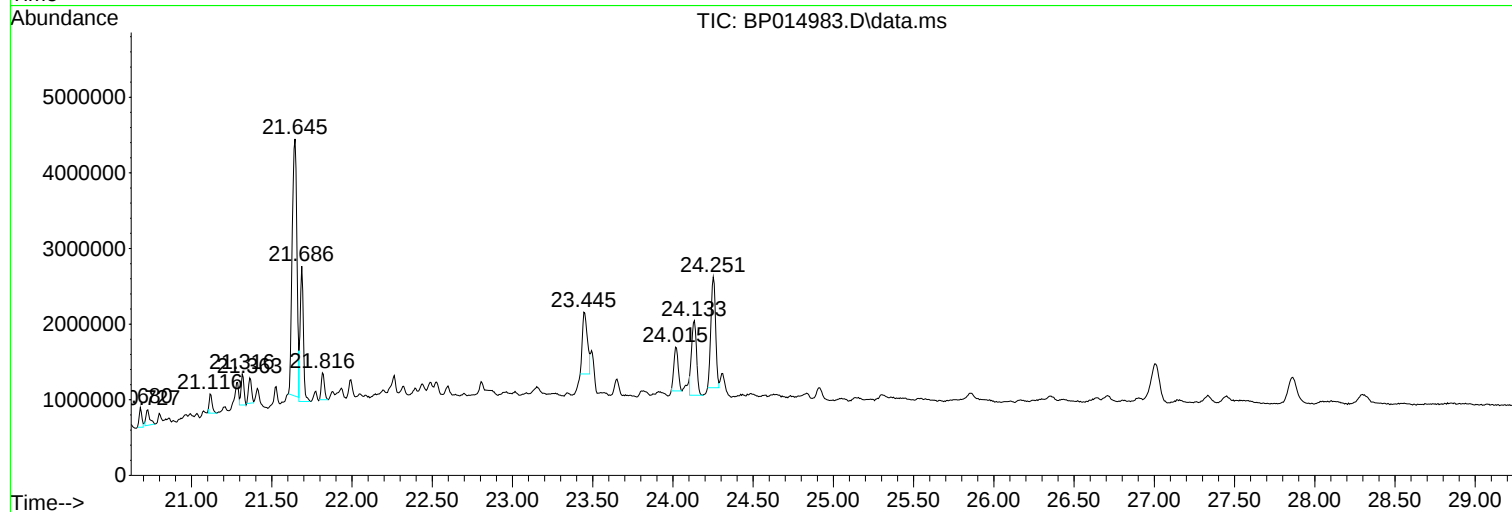
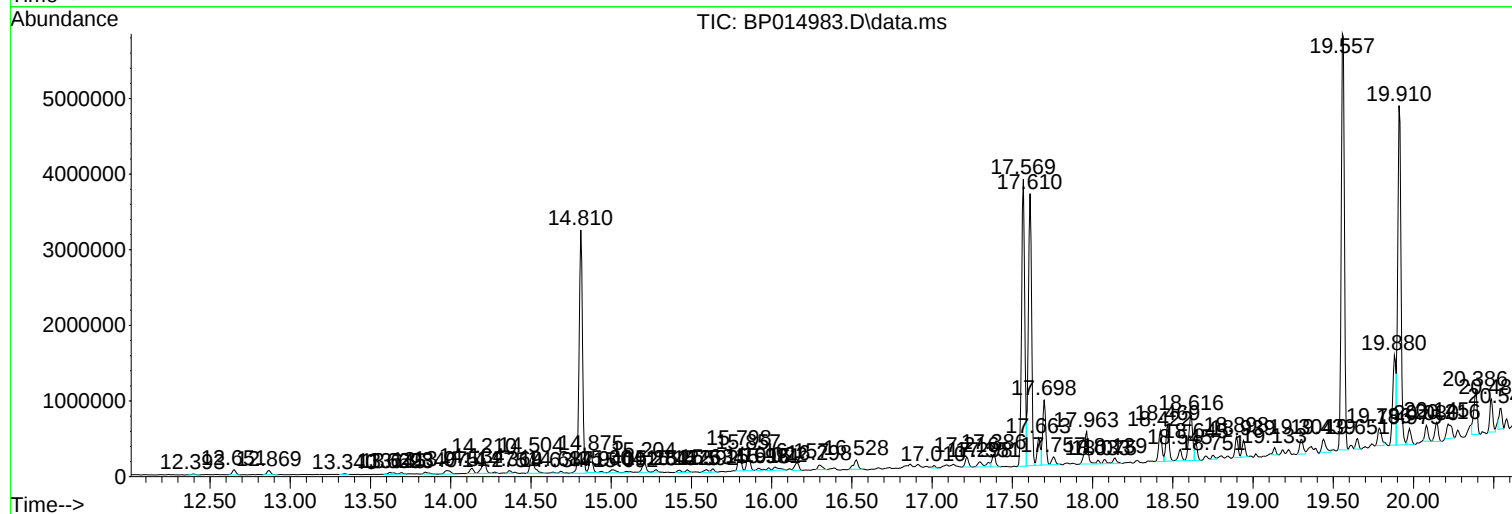
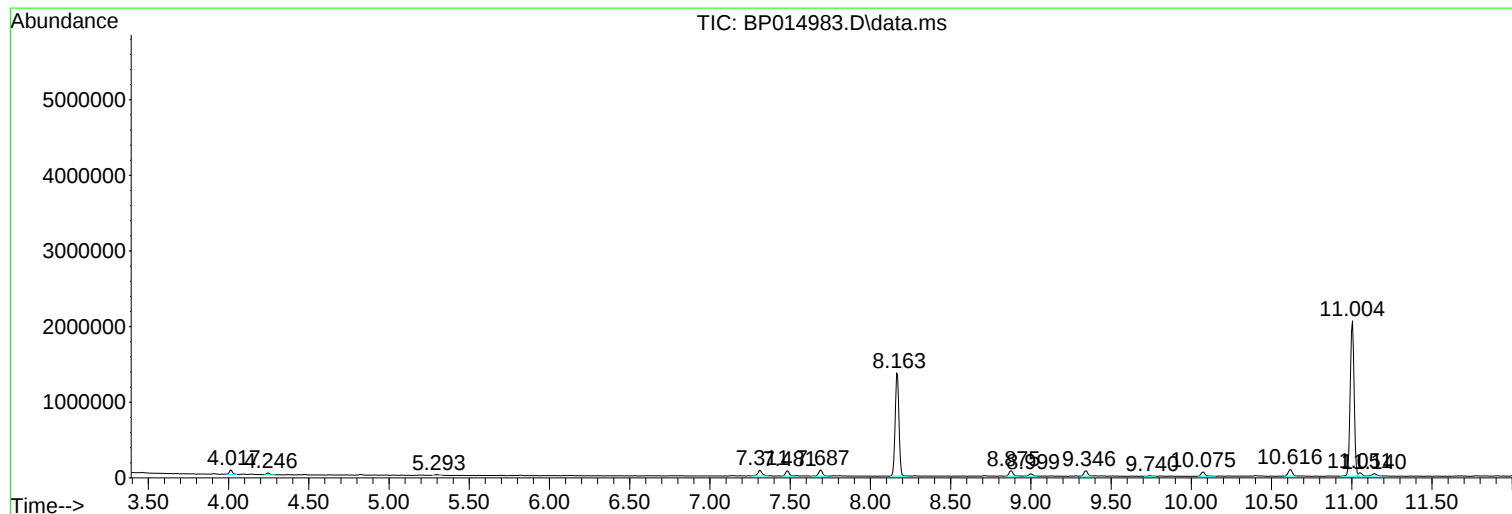
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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



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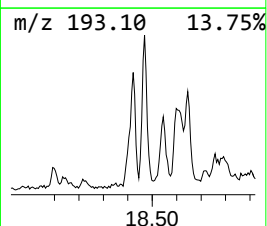
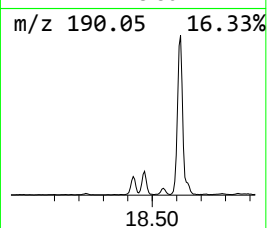
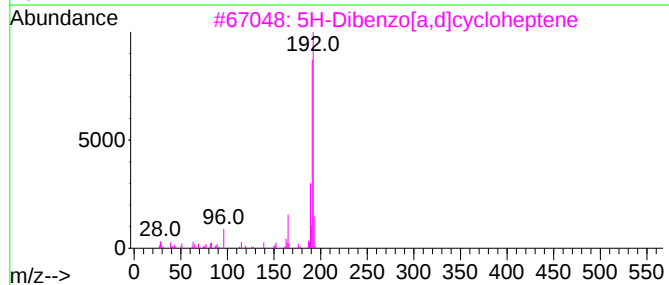
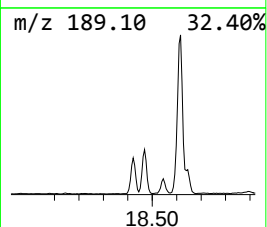
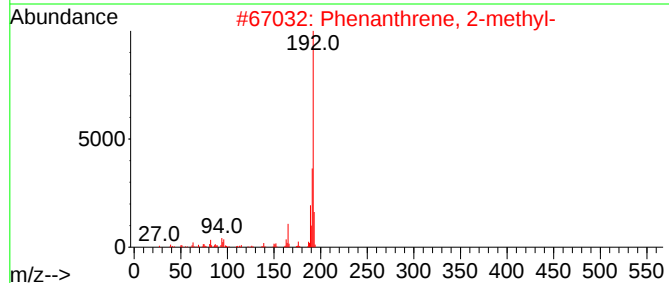
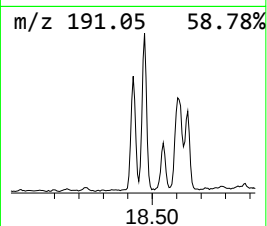
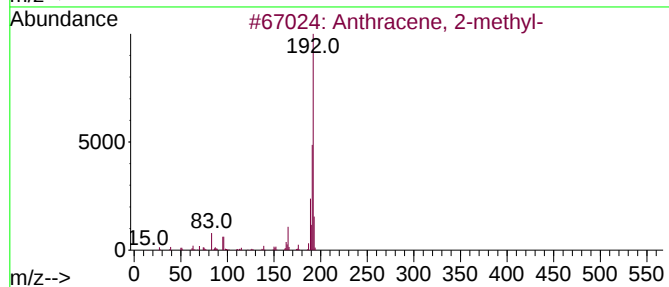
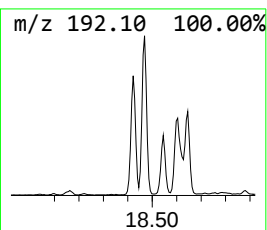
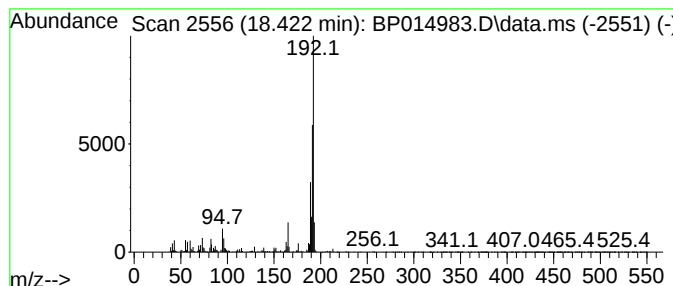
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	2.16 ng/ul	570369	Phenanthrene-d10	17.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94



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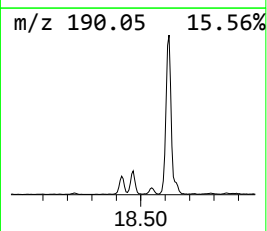
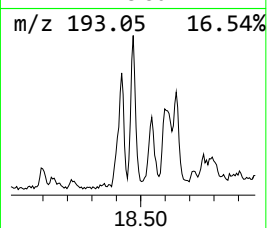
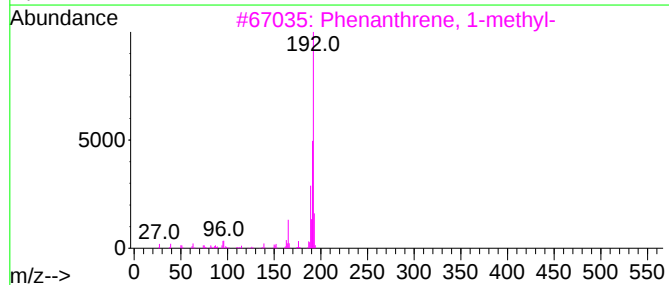
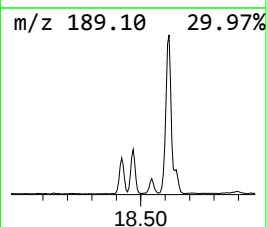
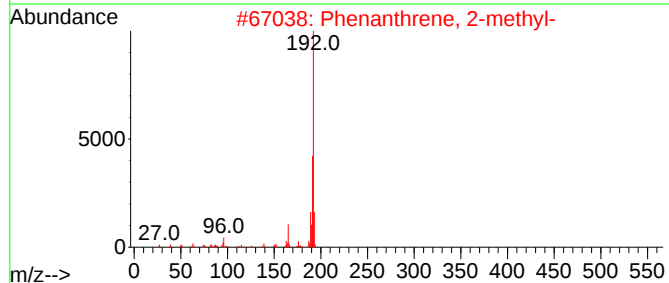
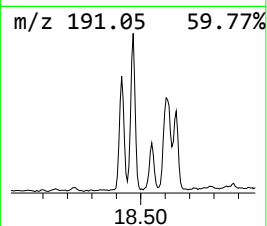
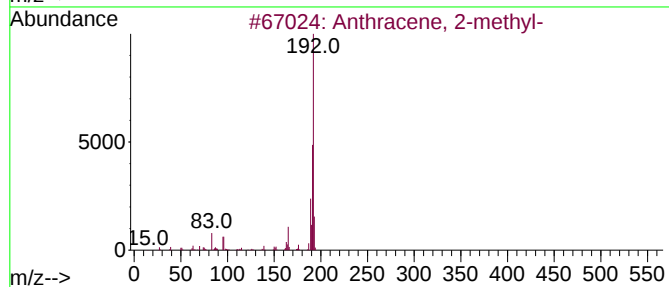
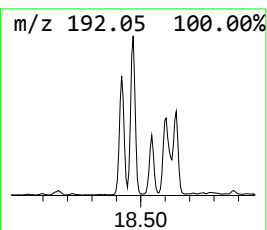
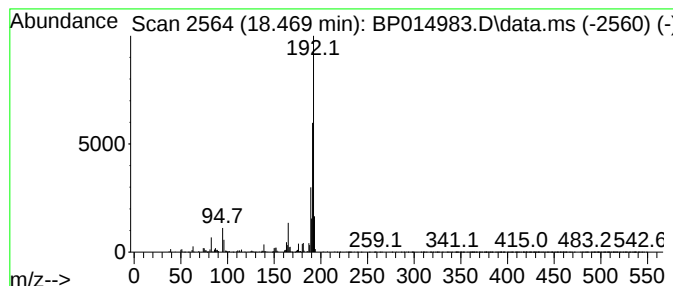
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.469	2.48 ng/ul	655875	Phenanthrene-d10	17.569

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



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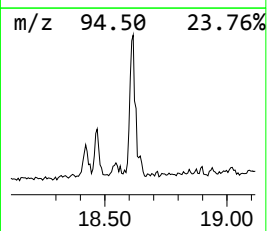
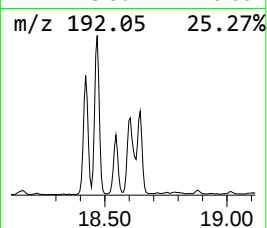
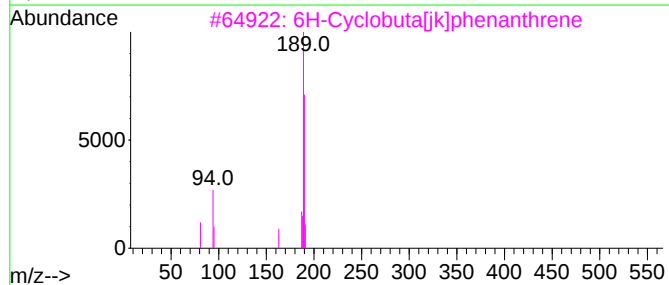
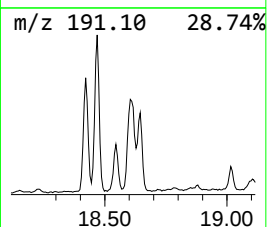
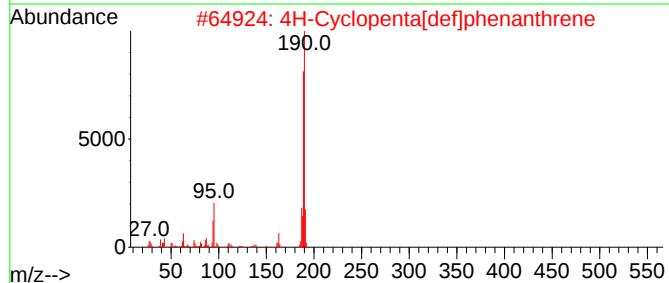
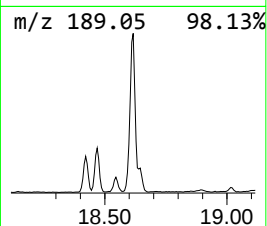
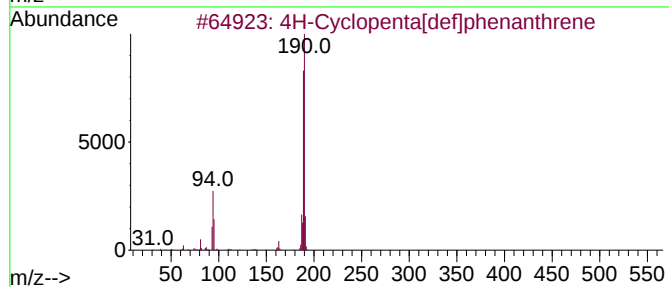
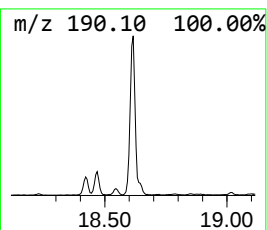
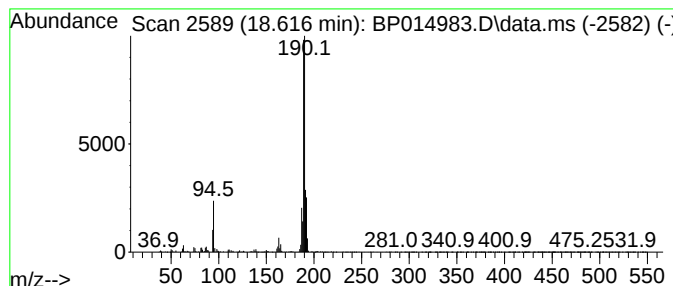
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	4.04 ng/ul	1067730	Phenanthrene-d10	17.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014983.D
Acq On : 05 May 2023 14:49
Operator : CG/JU
Sample : 02479-08DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW949DL

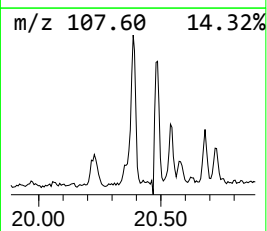
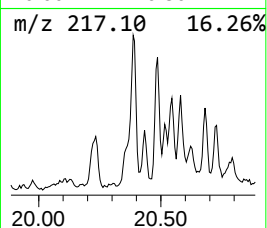
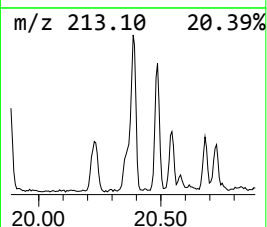
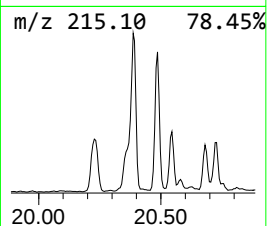
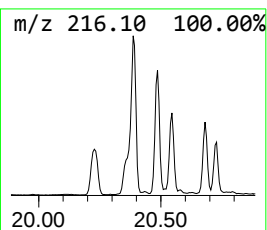
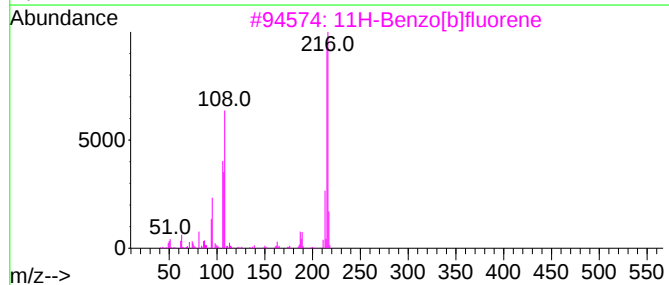
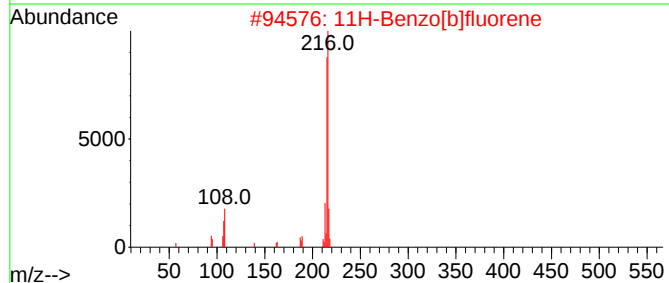
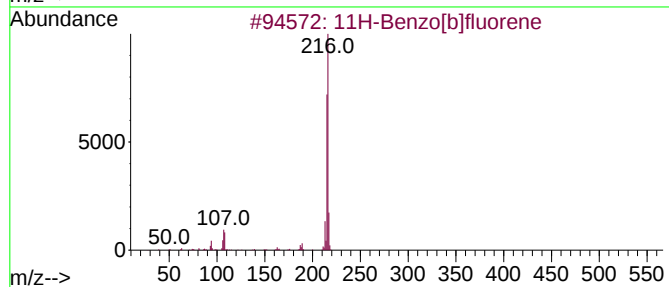
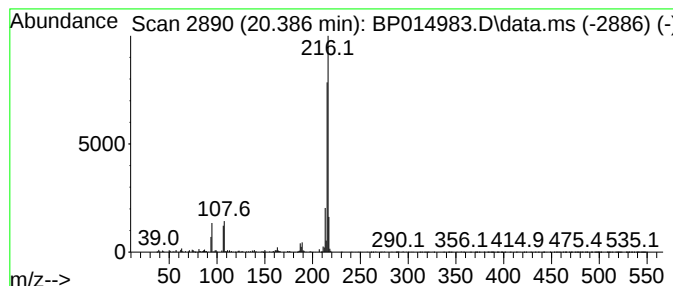
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.386	2.33 ng/ul	828277	Chrysene-d12	21.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014983.D
Acq On : 05 May 2023 14:49
Operator : CG/JU
Sample : 02479-08DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW949DL

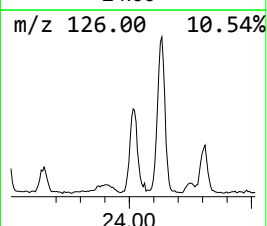
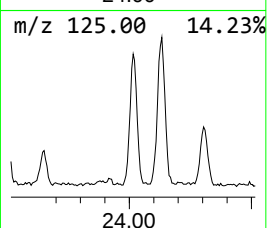
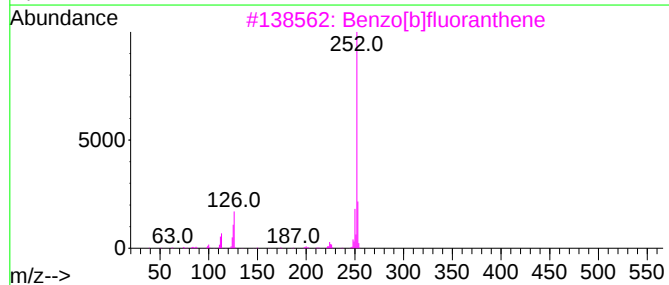
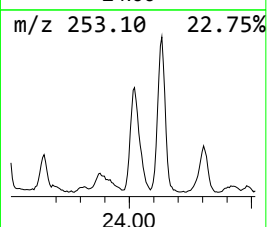
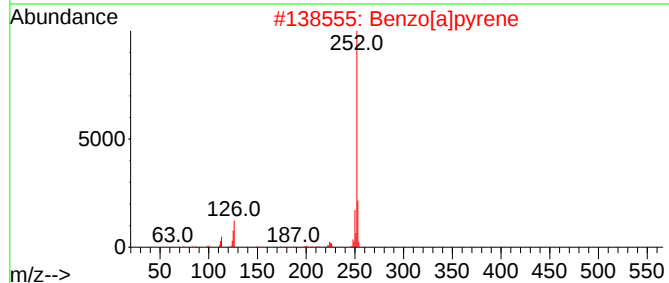
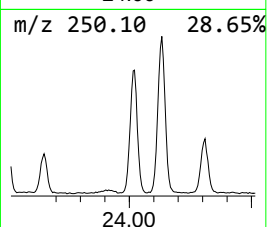
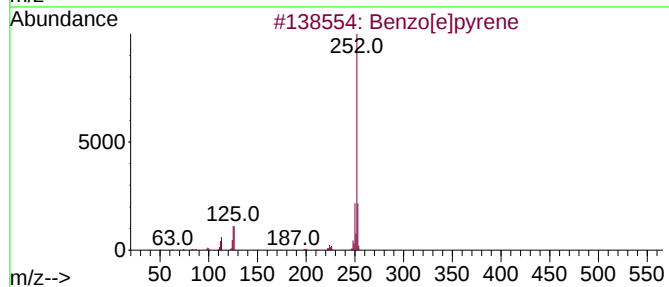
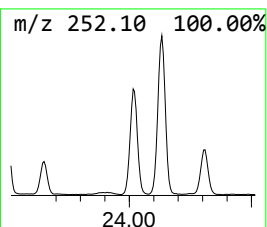
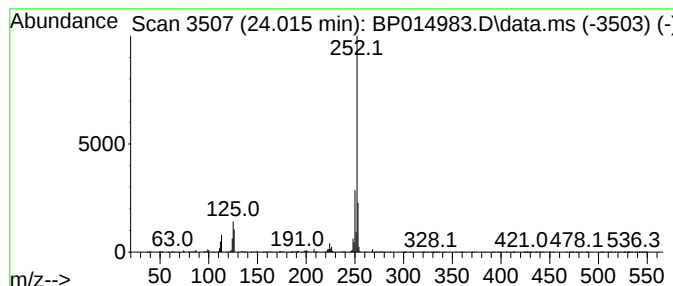
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.015	7.22 ng/ul	1086740	Perylene-d12	24.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014983.D
Acq On : 05 May 2023 14:49
Operator : CG/JU
Sample : 02479-08DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW949DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.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
Anthracene, 2-m...	18.422	2.2	ng/u1	570369	4	17.569	5282530	20.0
Phenanthrene, 2...	18.469	2.5	ng/u1	655875	4	17.569	5282530	20.0
4H-Cyclopenta[d...	18.616	4.0	ng/u1	1067730	4	17.569	5282530	20.0
11H-Benzo[b]flu...	20.386	2.3	ng/u1	828277	5	21.645	7111730	20.0
Benzo[e]pyrene	24.015	7.2	ng/u1	1086740	6	24.251	3011110	20.0