

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018731.D
 Acq On : 11 Dec 2023 17:35
 Operator : MA/JU
 Sample : 05459-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA5

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-BP120123.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP018731.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.693	99	103	112	rBV2	64652	98990	1.80%	0.165%
2	3.793	116	120	124	rBV	70703	88336	1.60%	0.147%
3	3.917	137	141	146	rVB	30206	46568	0.84%	0.078%
4	4.934	311	314	325	rVB	26561	43464	0.79%	0.072%
5	7.011	658	667	679	rVB	303423	555089	10.07%	0.925%
6	7.175	689	695	703	rBV	329172	508833	9.23%	0.848%
7	7.369	722	728	737	rBV	329805	514482	9.33%	0.858%
8	7.463	739	744	751	rVB3	20721	39949	0.72%	0.067%
9	7.840	800	808	819	rVB	756597	1158625	21.01%	1.932%
10	8.552	923	929	937	rBV	185201	297735	5.40%	0.496%
11	8.663	942	948	959	rBV	207672	347611	6.30%	0.580%
12	8.999	998	1005	1012	rBV	274031	447992	8.13%	0.747%
13	9.722	1116	1128	1135	rBV	193983	337895	6.13%	0.563%
14	9.875	1147	1154	1163	rBV	24936	51629	0.94%	0.086%
15	10.081	1183	1189	1195	rVV3	24861	46465	0.84%	0.077%
16	10.257	1211	1219	1229	rBV	319568	524085	9.51%	0.874%
17	10.634	1275	1283	1289	rBV	800941	1355888	24.59%	2.261%
18	10.687	1289	1292	1299	rVB2	26382	40414	0.73%	0.067%
19	10.781	1299	1308	1318	rBV	180919	332966	6.04%	0.555%
20	12.299	1561	1566	1572	rVB2	30587	48461	0.88%	0.081%
21	12.516	1596	1603	1609	rBV2	29617	45349	0.82%	0.076%
22	13.375	1744	1749	1755	rBV4	26114	41725	0.76%	0.070%
23	13.793	1814	1820	1825	rBV2	33478	54884	1.00%	0.092%
24	13.887	1831	1836	1845	rVV	676451	917741	16.65%	1.530%
25	14.163	1876	1883	1893	rBV2	742838	1111401	20.16%	1.853%
26	14.469	1927	1935	1941	rBV	1220156	1818113	32.98%	3.031%
27	14.534	1941	1946	1953	rVB	72755	114592	2.08%	0.191%
28	14.675	1964	1970	1979	rBV2	107285	196054	3.56%	0.327%
29	14.869	1999	2003	2011	rVV	61909	113596	2.06%	0.189%
30	15.257	2061	2069	2072	rBV6	19156	38320	0.70%	0.064%
31	15.463	2097	2104	2109	rVV	1051130	1482179	26.88%	2.471%
32	15.516	2109	2113	2118	rVV3	74575	127610	2.31%	0.213%
33	15.581	2118	2124	2131	rVV2	106756	176032	3.19%	0.293%
34	15.681	2137	2141	2145	rVV7	22582	39893	0.72%	0.067%
35	15.810	2159	2163	2172	rVB2	47997	80754	1.46%	0.135%
36	15.957	2184	2188	2196	rVB3	49839	101117	1.83%	0.169%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
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37	16.051	2196	2204	2211	rVB4	16930	42333	0.77%	0.071%
38	16.192	2219	2228	2235	rBV7	29948	81716	1.48%	0.136%
39	16.528	2275	2285	2289	rBV6	26605	65030	1.18%	0.108%
40	16.757	2316	2324	2327	rBV5	36184	73168	1.33%	0.122%
41	16.875	2339	2344	2350	rVB	76387	121887	2.21%	0.203%
42	16.951	2352	2357	2361	rBV2	37799	71465	1.30%	0.119%
43	17.039	2367	2372	2380	rVB	53387	94487	1.71%	0.158%
44	17.216	2396	2402	2406	rBV	1590529	2331125	42.28%	3.887%
45	17.263	2406	2410	2414	rVV	1363121	1976096	35.84%	3.295%
46	17.316	2414	2419	2423	rVV2	1049398	1596103	28.95%	2.661%
47	17.351	2423	2425	2431	rVV	369894	439287	7.97%	0.732%
48	17.410	2431	2435	2440	rVB5	31151	62324	1.13%	0.104%
49	17.628	2463	2472	2476	rBV2	110993	203057	3.68%	0.339%
50	17.739	2485	2491	2497	rVB4	37312	75320	1.37%	0.126%
51	17.798	2497	2501	2510	rVB6	40028	70249	1.27%	0.117%
52	18.010	2530	2537	2540	rBV3	23717	51510	0.93%	0.086%
53	18.086	2545	2550	2553	rVV	226118	356580	6.47%	0.595%
54	18.134	2555	2558	2564	rVV	331734	438064	7.95%	0.730%
55	18.210	2567	2571	2576	rVV	106840	147546	2.68%	0.246%
56	18.275	2576	2582	2586	rVV2	258565	491088	8.91%	0.819%
57	18.310	2586	2588	2596	rVB	190507	214031	3.88%	0.357%
58	18.398	2598	2603	2605	rBV2	30772	47869	0.87%	0.080%
59	18.428	2605	2608	2611	rVB3	33980	39859	0.72%	0.066%
60	18.575	2628	2633	2636	rBV	191446	241142	4.37%	0.402%
61	18.610	2636	2639	2645	rVB	104215	138589	2.51%	0.231%
62	18.669	2645	2649	2651	rBV	41139	54372	0.99%	0.091%
63	18.810	2669	2673	2677	rBV3	60345	72459	1.31%	0.121%
64	18.857	2678	2681	2683	rBV	38568	42505	0.77%	0.071%
65	18.892	2683	2687	2691	rVB3	67888	105428	1.91%	0.176%
66	18.975	2696	2701	2705	rBV2	133705	223344	4.05%	0.372%
67	19.063	2714	2716	2720	rVB	50679	53561	0.97%	0.089%
68	19.110	2720	2724	2734	rBV	206955	380514	6.90%	0.634%
69	19.233	2739	2745	2750	rVB	2971957	3997967	72.51%	6.666%
70	19.328	2758	2761	2767	rVB3	71500	127161	2.31%	0.212%
71	19.422	2773	2777	2779	rBV4	39625	57068	1.04%	0.095%
72	19.469	2782	2785	2788	rVB	57050	67348	1.22%	0.112%
73	19.557	2794	2800	2802	rBV	2007202	3098118	56.19%	5.165%
74	19.580	2802	2804	2812	rVV	2542448	3214990	58.31%	5.360%
75	19.651	2812	2816	2823	rVB2	154329	239505	4.34%	0.399%
76	19.757	2830	2834	2839	rVV	168863	216351	3.92%	0.361%

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77	19.816	2840	2844	2848	rVB3	62595	88743	1.61%	0.148%
78	19.892	2853	2857	2865	rBV3	184352	431327	7.82%	0.719%
79	20.033	2876	2881	2883	rBV4	135755	247851	4.50%	0.413%
80	20.163	2900	2903	2906	rBV2	42586	47019	0.85%	0.078%
81	20.216	2906	2912	2916	rBV2	259352	457466	8.30%	0.763%
82	20.257	2917	2919	2923	rVB3	62076	64308	1.17%	0.107%
83	20.298	2923	2926	2931	rBV3	62780	90226	1.64%	0.150%
84	20.357	2932	2936	2939	rBV	136065	172397	3.13%	0.287%
85	20.404	2939	2944	2947	rVV3	149043	202446	3.67%	0.338%
86	20.798	3007	3011	3017	rBV	404495	520683	9.44%	0.868%
87	20.957	3033	3038	3042	rBV2	163859	330180	5.99%	0.551%
88	20.998	3042	3045	3048	rVV	233604	305918	5.55%	0.510%
89	21.033	3048	3051	3056	rVV2	289680	518740	9.41%	0.865%
90	21.086	3056	3060	3068	rVB	365048	488846	8.87%	0.815%
91	21.304	3091	3097	3101	rBV2	2920881	5513471	100.00%	9.193%
92	21.345	3101	3104	3114	rVB	1460804	1900534	34.47%	3.169%
93	21.463	3121	3124	3130	rBV2	145470	196937	3.57%	0.328%
94	21.874	3192	3194	3198	rVB	231211	267376	4.85%	0.446%
95	22.951	3372	3377	3383	rBV	1217594	2910955	52.80%	4.853%
96	23.469	3460	3465	3469	rBV	570586	1020068	18.50%	1.701%
97	23.521	3469	3474	3478	rVV2	1263605	2313684	41.96%	3.858%
98	23.569	3478	3482	3491	rVB	1081180	2057121	37.31%	3.430%
99	23.674	3494	3500	3506	rBV	1773115	3486894	63.24%	5.814%
100	26.127	3911	3917	3933	rVB2	496602	1579110	28.64%	2.633%

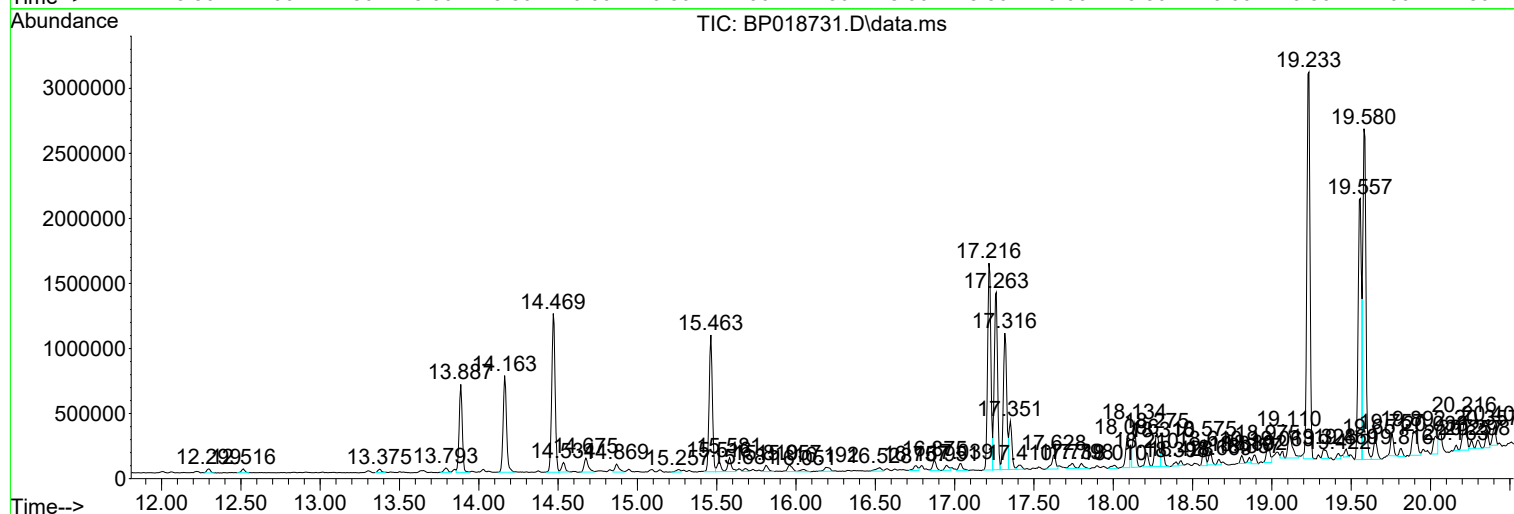
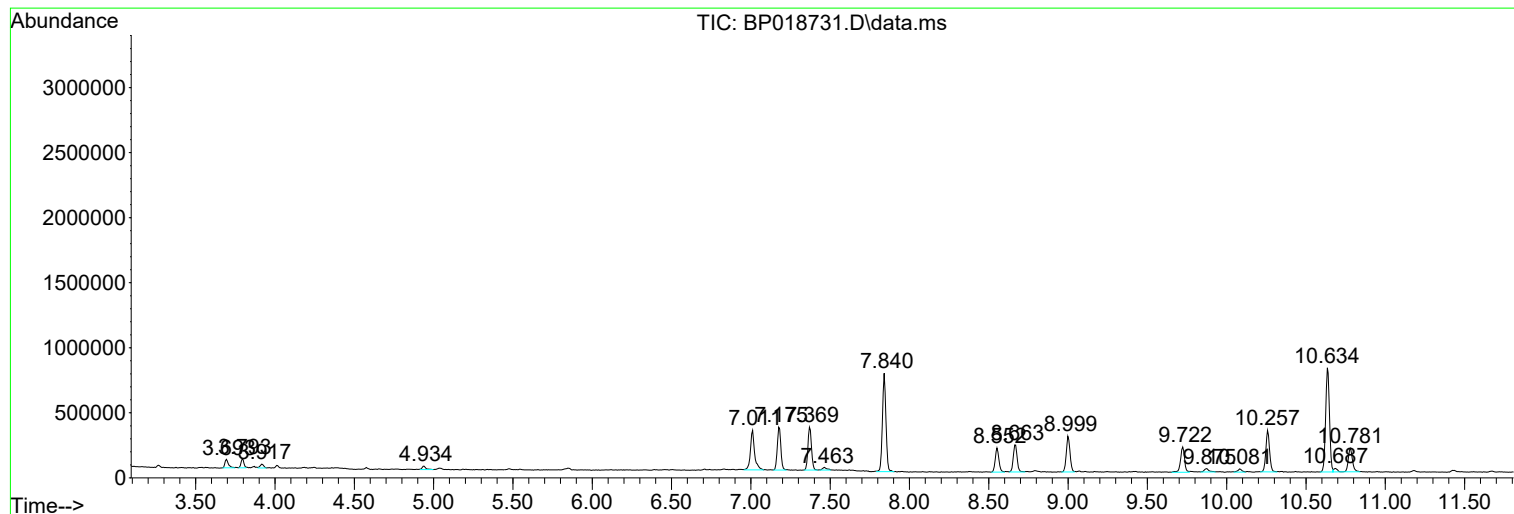
Sum of corrected areas: 59977753

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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



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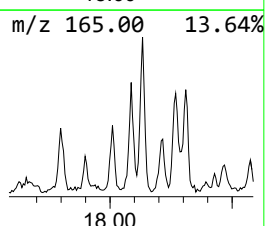
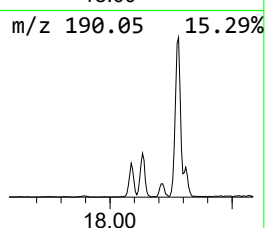
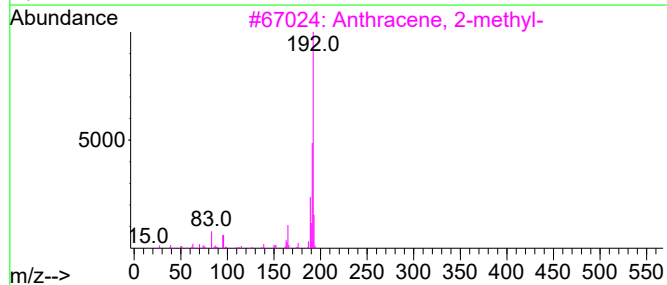
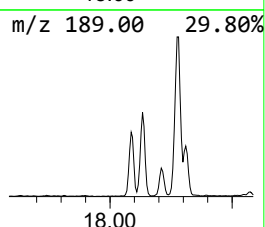
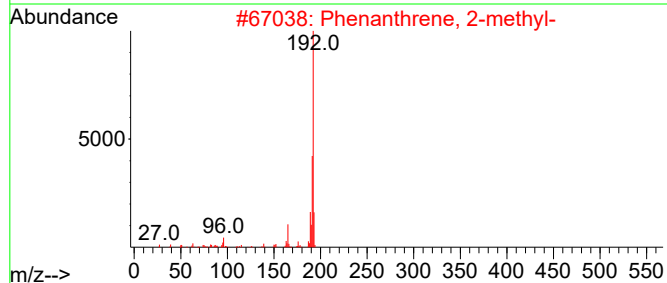
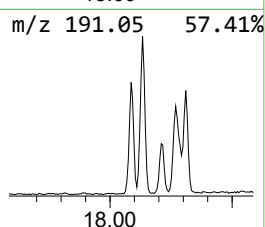
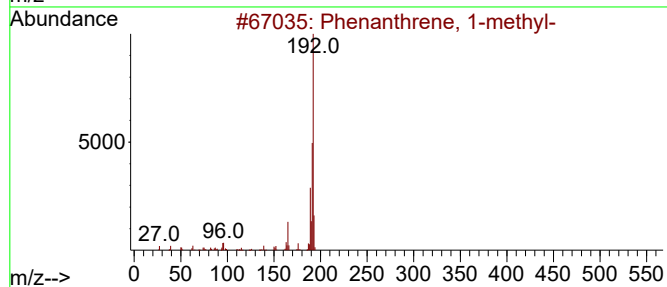
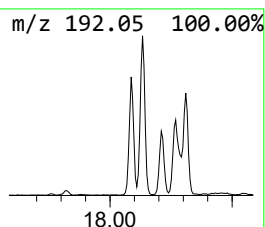
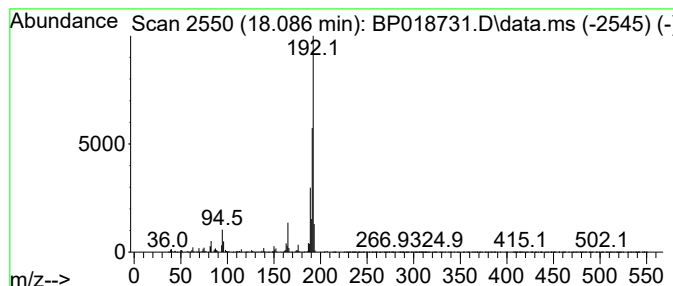
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	3.06 ng/ul	356580	Phenanthrene-d10	17.216

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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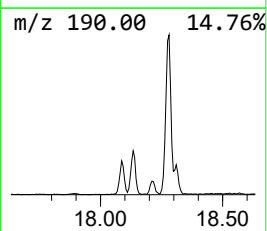
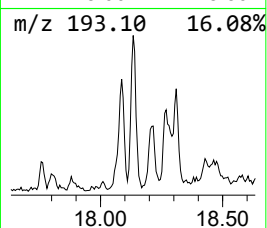
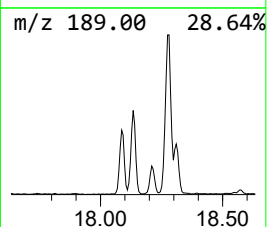
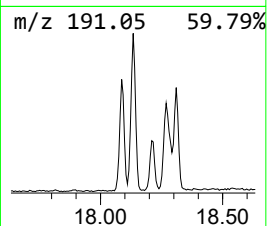
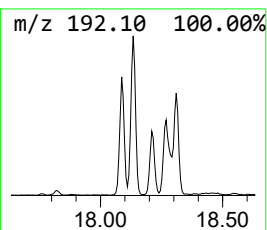
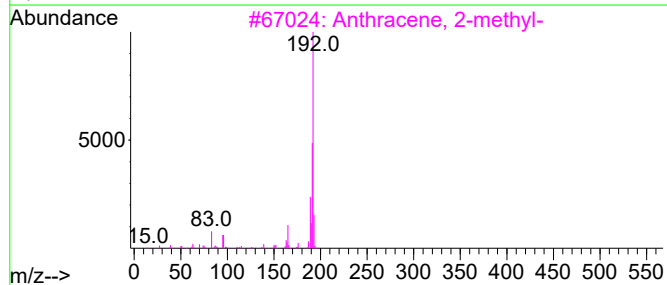
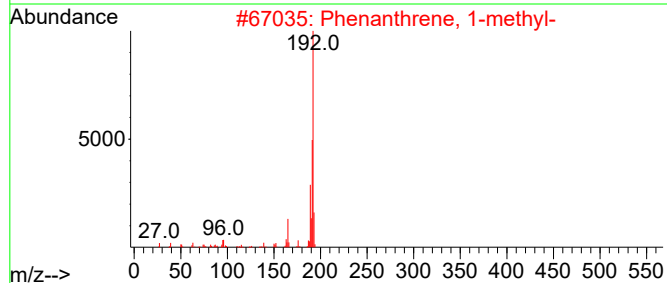
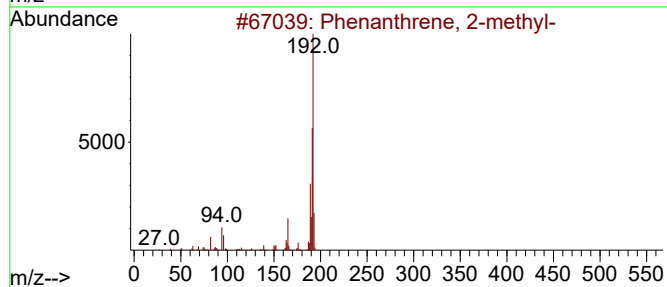
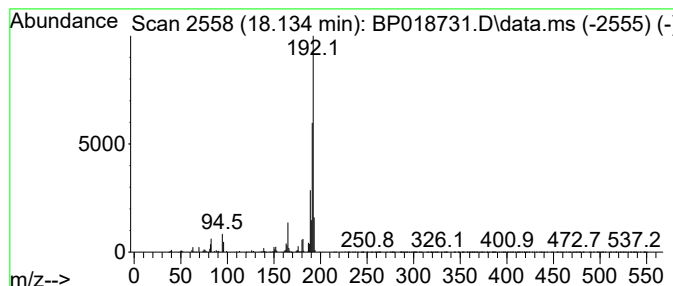
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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.
18.134	3.76 ng/ul	438064	Phenanthrene-d10	17.216

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94



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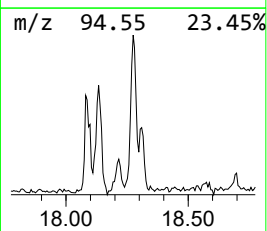
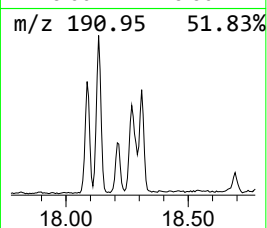
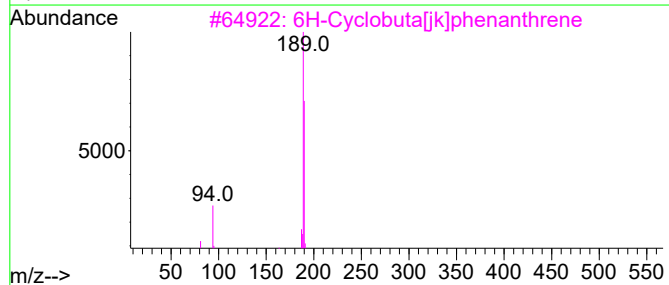
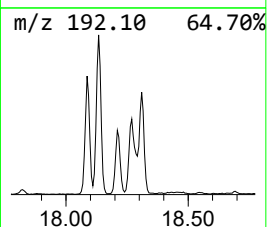
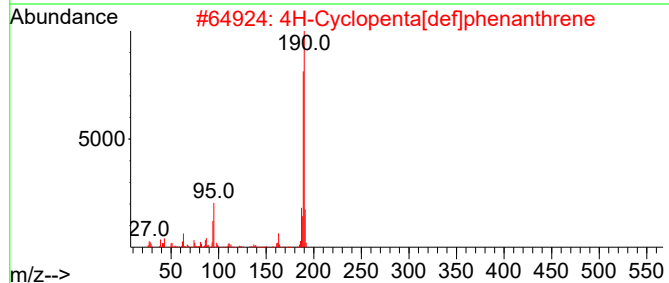
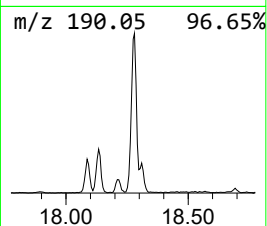
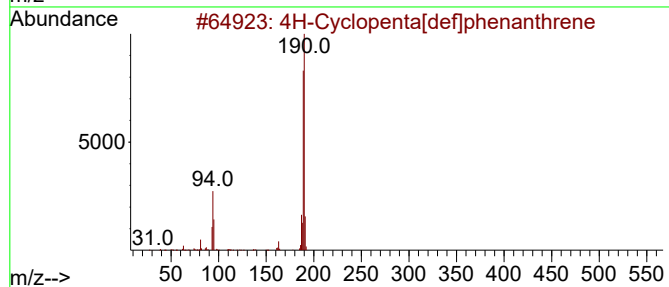
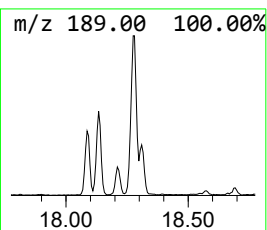
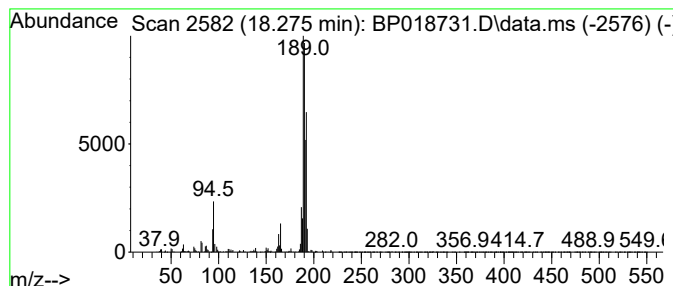
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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.
18.275	4.21 ng/ul	491088	Phenanthrene-d10			17.216
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	92
2	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	58
4	Methyl diselenide		190	C2H6Se2	007101-31-7	45
5	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018731.D
Acq On : 11 Dec 2023 17:35
Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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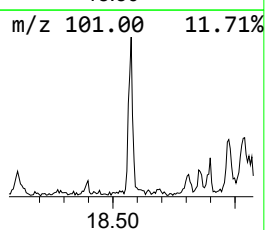
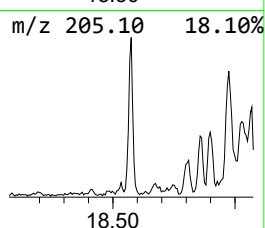
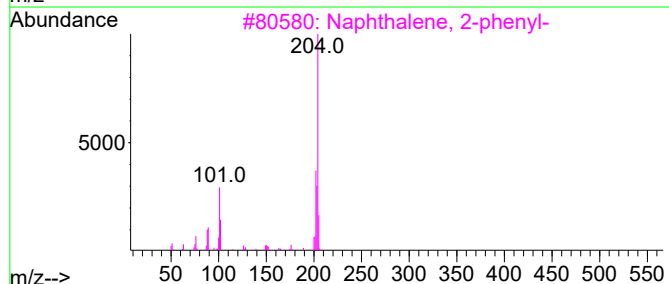
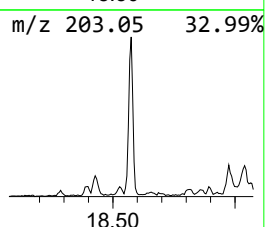
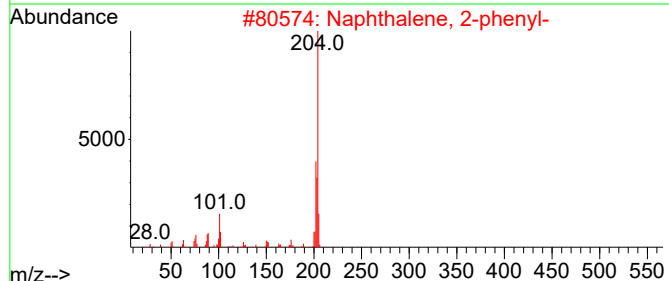
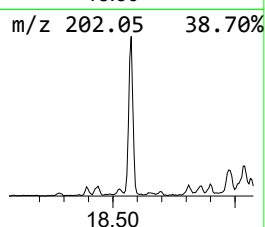
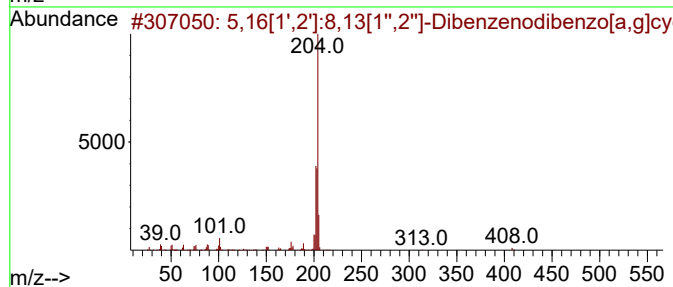
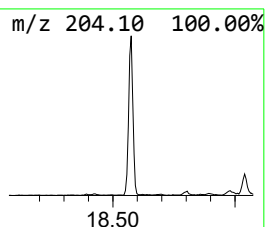
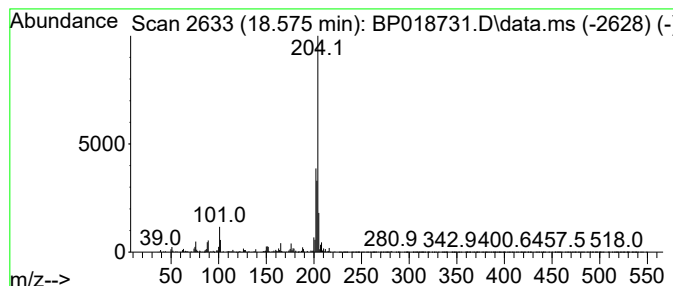
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.575	2.07 ng/ul	241142	Phenanthrene-d10	17.216

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87		
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86		
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86		
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83		
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
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Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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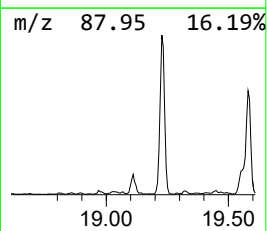
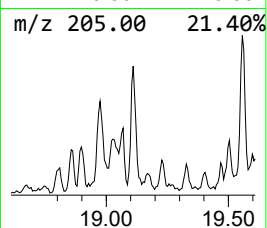
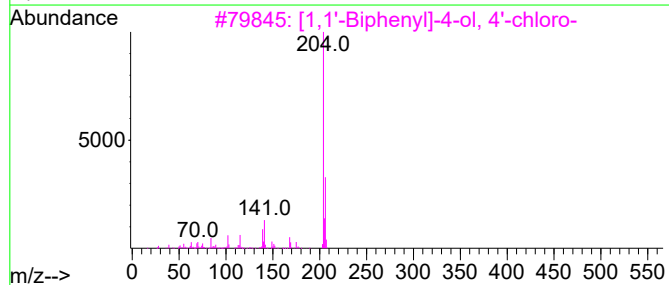
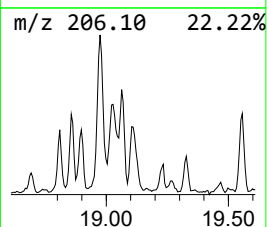
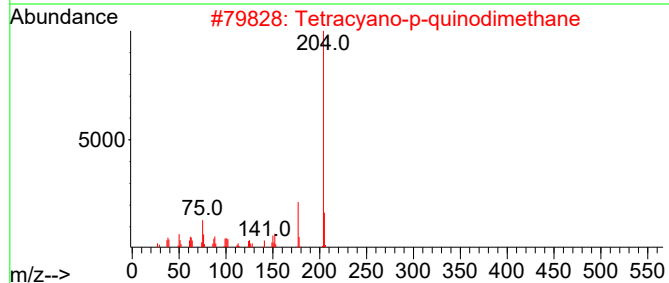
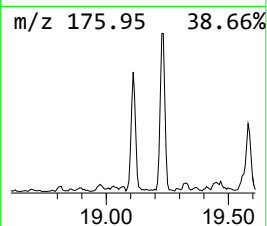
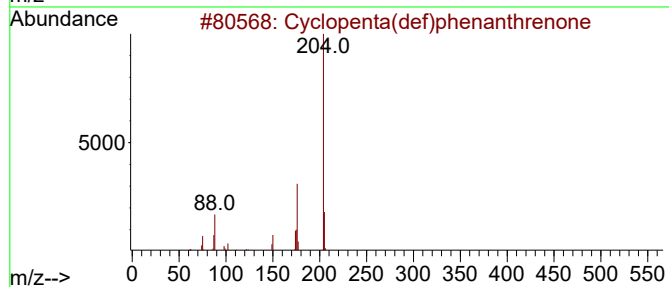
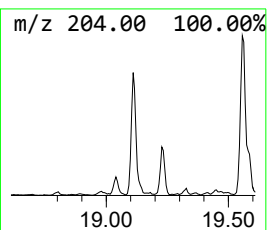
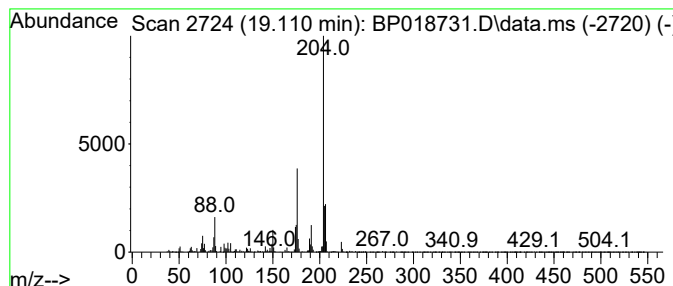
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	3.26 ng/ul	380514	Phenanthrene-d10	17.216

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2			Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43
3			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	40
5			2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
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Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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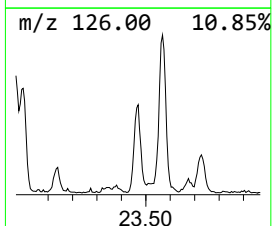
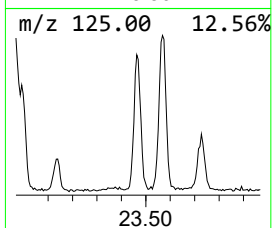
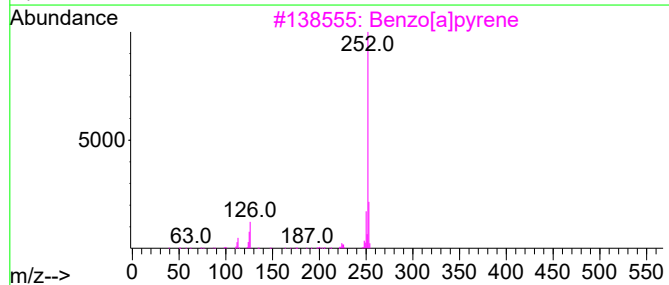
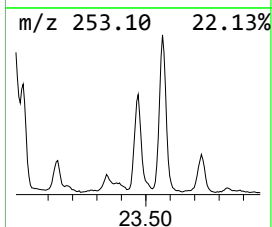
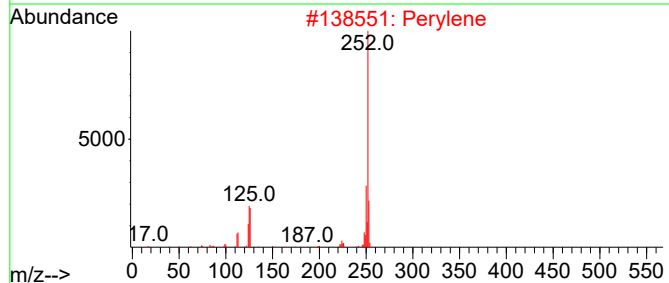
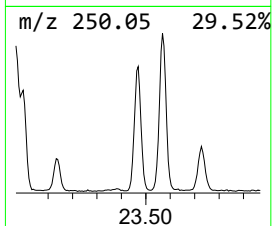
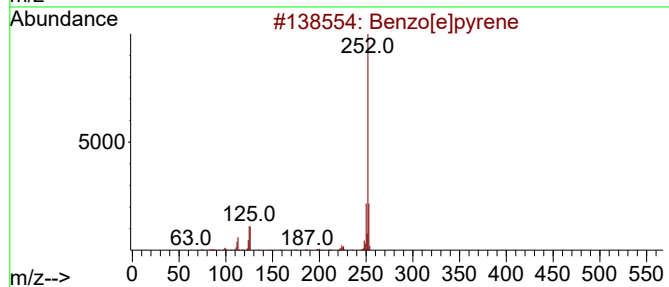
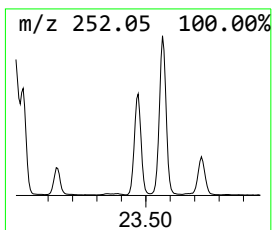
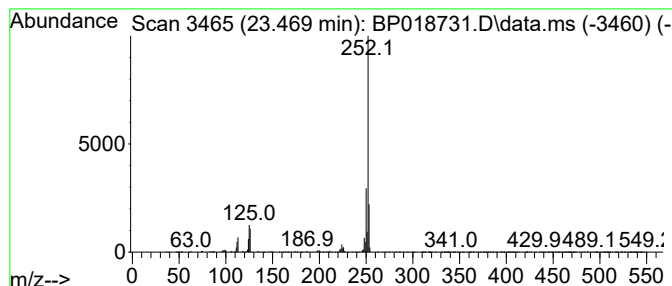
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.468	5.85 ng/ul	1020070	Perylene-d12	23.674

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Perylene	252	C20H12	000198-55-0	97
3			Benzo[a]pyrene	252	C20H12	000050-32-8	96
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
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Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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
Phenanthrene, 1...	18.086	3.1	ng/ul	356580	4	17.216	2331130	20.0
Phenanthrene, 2...	18.134	3.8	ng/ul	438064	4	17.216	2331130	20.0
4H-Cyclopenta[d...	18.275	4.2	ng/ul	491088	4	17.216	2331130	20.0
5,16[1',2']:8,1...	18.575	2.1	ng/ul	241142	4	17.216	2331130	20.0
Cyclopenta(def)...	19.110	3.3	ng/ul	380514	4	17.216	2331130	20.0
Benzo[e]pyrene	23.468	5.8	ng/ul	1020070	6	23.674	3486890	20.0