LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018913.D
Acq On : 18 Dec 2023 18:43
Operator : MA/JU
Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG3

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: BP018913.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.964	654	659	661	rVV4	54061	91037	1.08%	0.100%
2	6.999	661	665	679	rVB2	211940	416454	4.94%	0.457%
3	7.164	685	693	699	rBV	175694	282926	3.35%	0.311%
4	7.358	721	726	738	rVB	217442	367706	4.36%	0.404%
5	7.481	738	747	753	rVB4	21754	51760	0.61%	0.057%
6	7.828	796	806	814	rVV	742867	1180810	14.00%	1.296%
7	8.369	892	898	903	rBV3	44377	83431	0.99%	0.092%
8	8.540	921	927	933	rBV	255032	414680	4.92%	0.455%
9	8.652	941	946	952	rBV	264209	429523	5.09%	0.471%
10	8.922	981	992	997	rBV6	33872	93278	1.11%	0.102%
11	8.987	997	1003	1011	rVV	186768	338277	4.01%	0.371%
12	9.710	1119	1126	1133	rVV2	154628	265560	3.15%	0.291%
13	9.799	1137	1141	1149	rVB6	42190	68822	0.82%	0.076%
14	10.069	1175	1187	1192	rBV7	39086	101848	1.21%	0.112%
15	10.246	1207	1217	1225	rVB	245121	443831	5.26%	0.487%
16	10.622	1271	1281	1286	rBV	949786	1585560	18.80%	1.740%
17	10.669	1286	1289	1297	rVB	139347	232811	2.76%	0.256%
18	10.769	1297	1306	1321	rBV2	90676	269573	3.20%	0.296%
19	11.110	1359	1364	1369	rVB4	32833	51482	0.61%	0.057%
20	11.169	1369	1374	1382	rVB9	25851	51425	0.61%	0.056%
21	11.657	1451	1457	1462	rBV4	37294	104912	1.24%	0.115%
22	12.281	1558	1563	1571	rVB	114493	204503	2.42%	0.224%
23	12.499	1595	1600	1608	rVB	98592	171223	2.03%	0.188%
24	12.669	1624	1629	1635	rVB4	44994	75242	0.89%	0.083%
25	13.634	1786	1793	1798	rBV6	68408	170249	2.02%	0.187%
26	13.781	1813	1818	1823	rBV	132292	219114	2.60%	0.240%
27	13.834	1823	1827	1830	rVV	83979	121326	1.44%	0.133%
28	13.875	1830	1834	1838	rVV	510141	666155	7.90%	0.731%
29	13.946	1843	1846	1850	rVB2	52478	65521	0.78%	0.072%
30	14.016	1854	1858	1861	rVB	64974	85902	1.02%	0.094%
31	14.151	1876	1881	1884	rBV	578931	879810	10.43%	0.966%
32	14.181	1884	1886	1895	rVB	312756	442052	5.24%	0.485%
33	14.287	1900	1904	1911	rVB4	70478	119106	1.41%	0.131%
34	14.457	1924	1933	1939	rBV	1464264	2217419	26.29%	2.434%
35	14.522	1939	1944	1952	rVV	235098	375413	4.45%	0.412%
36	14.610	1957	1959	1964	rVV2	67062	90435	1.07%	0.099%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018913.D
Acq On : 18 Dec 2023 18:43
Operator : MA/JU
Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG3

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

37	14.675	1966	1970	1978	rVB5	101313	203608	2.41%	0.223%
38	14.857	1997	2001	2007	rVB	201733	301376	3.57%	0.331%
39	14.934	2011	2014	2019	rVB	100957	128372	1.52%	0.141%
40	14.987	2019	2023	2031	rVB7	36597	84056	1.00%	0.092%
41	15.075	2033	2038	2043	rBV2	101012	186008	2.21%	0.204%
42	15.128	2044	2047	2051	rVB	83374	99556	1.18%	0.109%
43	15.245	2061	2067	2071	rBV6	96523	208165	2.47%	0.228%
44	15.328	2078	2081	2087	rVB	60706	103078	1.22%	0.113%
45	15.451	2097	2102	2107	rBV	796634	1089109	12.91%	1.195%
46	15.504	2107	2111	2121	rVB2	324091	572913	6.79%	0.629%
47	15.663	2136	2138	2143	rVB5	52579	74706	0.89%	0.082%
48	15.716	2144	2147	2157	rVV2	121603	227196	2.69%	0.249%
49	15.798	2158	2161	2170	rVB2	112545	184829	2.19%	0.203%
50	15.951	2183	2187	2194	rVB3	98752	200131	2.37%	0.220%
51	16.187	2222	2227	2233	rVB5	137834	264217	3.13%	0.290%
52	16.316	2246	2249	2253	rBV2	46013	64800	0.77%	0.071%
53	16.510	2276	2282	2287	rBV3	242863	428558	5.08%	0.470%
54	16.563	2287	2291	2295	rVB	140158	190088	2.25%	0.209%
55	16.663	2304	2308	2314	rVB3	120037	190337	2.26%	0.209%
56	16.745	2319	2322	2324	rVV2	73282	104785	1.24%	0.115%
57	16.781	2325	2328	2332	rVB3	145772	201465	2.39%	0.221%
58	16.863	2339	2342	2349	rVB3	135478	201922	2.39%	0.222%
59	16.940	2352	2355	2358	rBV3	71503	107467	1.27%	0.118%
60	17.028	2366	2370	2378	rVB	266407	415137	4.92%	0.456%
61	17.210	2395	2401	2404	rBV	1911176	2643378	31.34%	2.901%
62	17.251	2404	2408	2413	rVV	3082033	4291058	50.88%	4.710%
63	17.310	2413	2418	2421	rVV2	859662	1351194	16.02%	1.483%
64	17.339	2421	2423	2429	rVB	928294	1174948	13.93%	1.290%
65	17.404	2429	2434	2439	rBV2	211814	405344	4.81%	0.445%
66	17.616	2467	2470	2480	rBV	276942	430878	5.11%	0.473%
67	17.787	2496	2499	2508	rVB2	202351	333166	3.95%	0.366%
68	17.928	2520	2523	2528	rBV	114871	180780	2.14%	0.198%
69	18.081	2544	2549	2552	rBV	686873	1095912	12.99%	1.203%
70	18.128	2553	2557	2562	rVV	937546	1342436	15.92%	1.473%
71	18.175	2562	2565	2567	rVV	153108	190768	2.26%	0.209%
72	18.204	2567	2570	2575	rVV	371758	568784	6.74%	0.624%
73	18.269	2575	2581	2584	rVV2	1147602	2115556	25.09%	2.322%
74	18.304	2584	2587	2592	rVB	609412	833603	9.88%	0.915%
75	18.563	2628	2631	2635	rVV	459696	508466	6.03%	0.558%
76	18.604	2635	2638	2643	rVB2	271339	411845	4.88%	0.452%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018913.D
Acq On : 18 Dec 2023 18:43
Operator : MA/JU
Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG3

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

77	18.798	2669	2671	2675	rVB	241422	269327	3.19%	0.296%
78	18.851	2677	2680	2683	rBV	218504	249235	2.96%	0.274%
79	18.969	2695	2700	2704	rBV	759396	1220090	14.47%	1.339%
80	19.104	2719	2723	2730	rBV2	414788	937017	11.11%	1.028%
81	19.228	2738	2744	2750	rBV	6111457	8238635	97.69%	9.043%
82	19.316	2757	2759	2764	rVB4	240397	308870	3.66%	0.339%
83	19.457	2781	2783	2786	rBV	221324	272084	3.23%	0.299%
84	19.551	2794	2799	2800	rBV3	1953291	2641668	31.32%	2.899%
85	19.575	2800	2803	2812	rVB	5562738	8023870	95.14%	8.807%
86	19.651	2812	2816	2818	rBV2	373727	560424	6.65%	0.615%
87	19.686	2818	2822	2826	rVB	1201454	1393930	16.53%	1.530%
88	19.786	2836	2839	2841	rBV	285006	338046	4.01%	0.371%
89	19.886	2853	2856	2864	rVB2	415288	990895	11.75%	1.088%
90	20.057	2882	2885	2891	rVB	1254306	1762441	20.90%	1.934%
91	20.157	2899	2902	2904	rBV2	719955	903308	10.71%	0.991%
92	20.181	2904	2906	2909	rVV	981580	1122506	13.31%	1.232%
93	20.216	2909	2912	2916	rVB	734930	914653	10.85%	1.004%
94	20.351	2932	2935	2938	rBV	487645	554372	6.57%	0.608%
95	20.398	2940	2943	2946	rVB	499878	597214	7.08%	0.655%
96	20.992	3042	3044	3047	rVB	526665	408130	4.84%	0.448%
97	21.292	3090	3095	3100	rBV3	4229600	8433465	100.00%	9.256%
98	21.339	3100	3103	3112	rVB	3302679	4684715	55.55%	5.142%
99	22.957	3373	3378	3383	rBV	2296780	5072261	60.14%	5.567%
100	23.574	3478	3483	3489	rVB	2442453	4672295	55.40%	5.128%

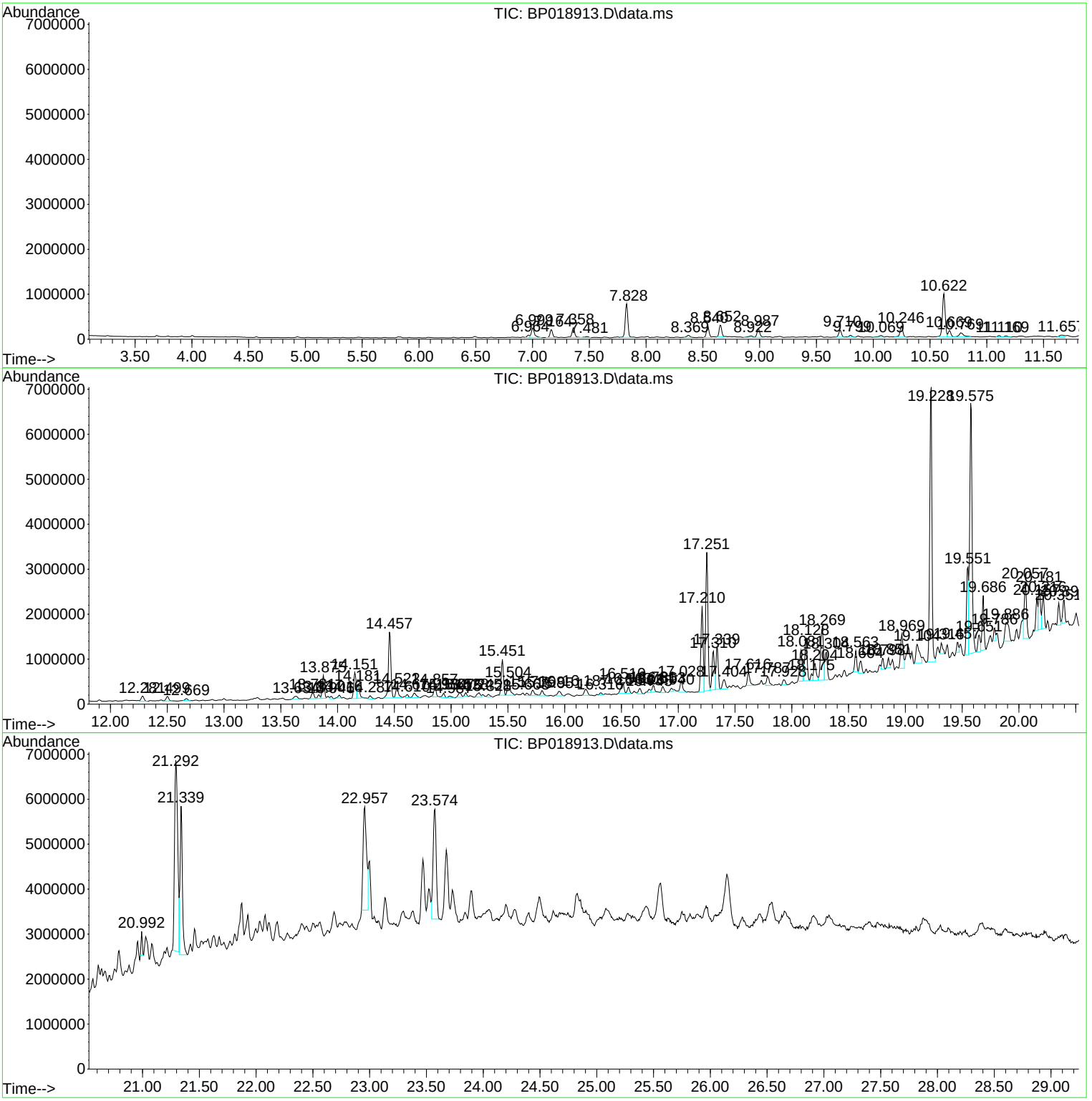
Sum of corrected areas: 91108622

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018913.D
Acq On : 18 Dec 2023 18:43
Operator : MA/JU
Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG3

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018913.D
Acq On : 18 Dec 2023 18:43
Operator : MA/JU
Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG3

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

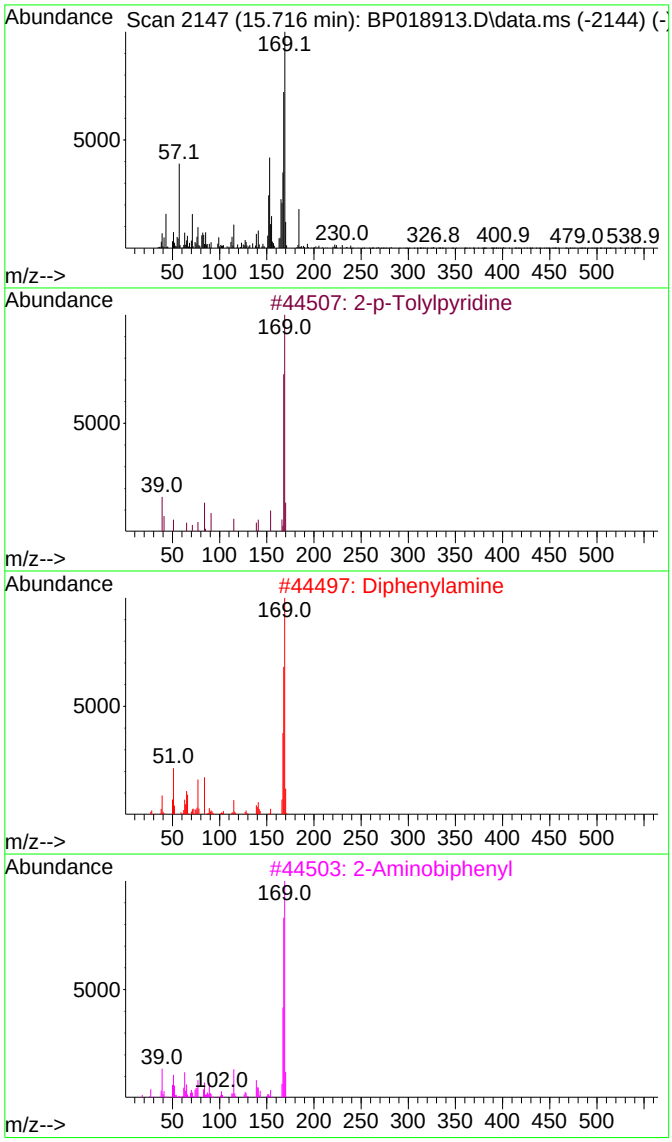
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

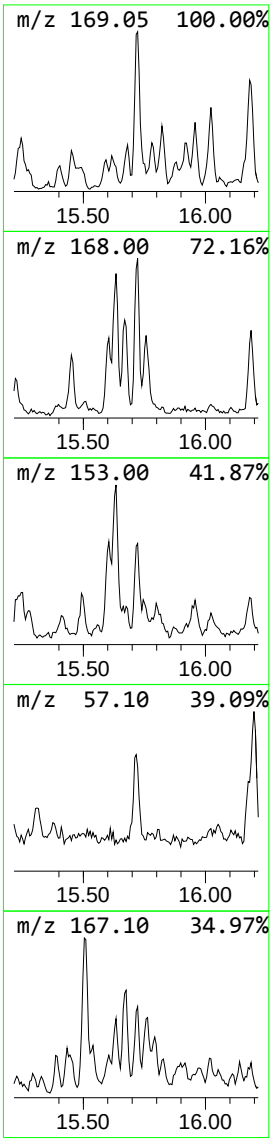
****

Peak Number 1 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.716	2.05 ng/ul	227196	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-p-Tolylpyridine	169	C12H11N	004467-06-5	45
2	Diphenylamine	169	C12H11N	000122-39-4	43
3	2-Aminobiphenyl	169	C12H11N	000090-41-5	43
4	4-(4-Methylphenyl)pyridine	169	C12H11N	004423-10-3	43
5	Diphenylamine	169	C12H11N	000122-39-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018913.D
Acq On : 18 Dec 2023 18:43
Operator : MA/JU
Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG3

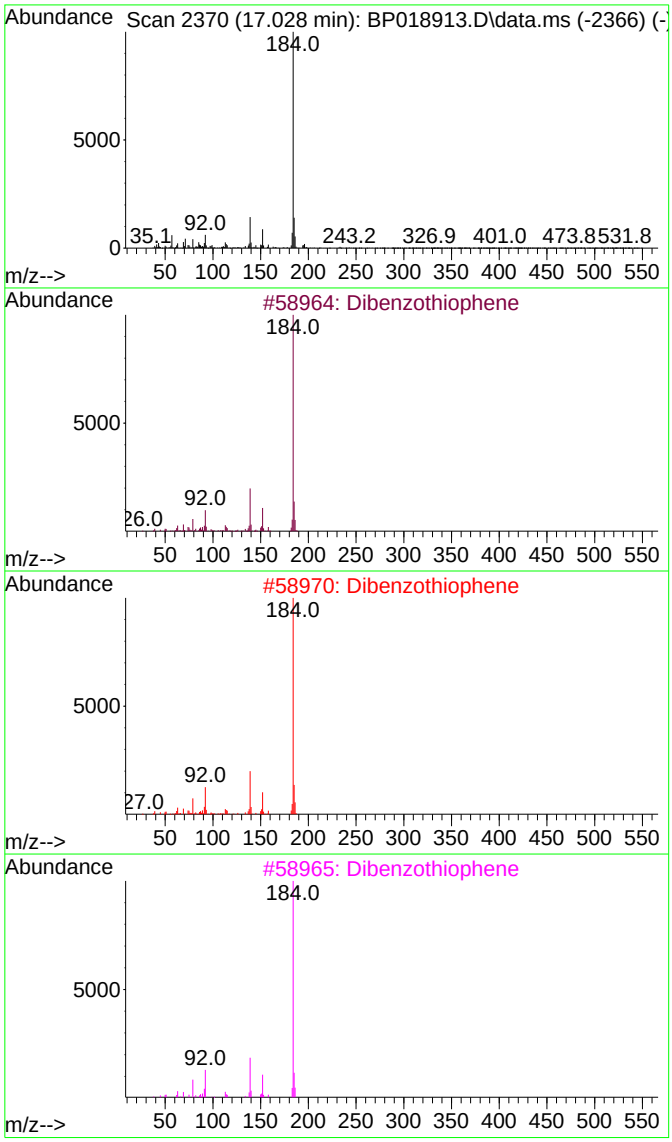
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

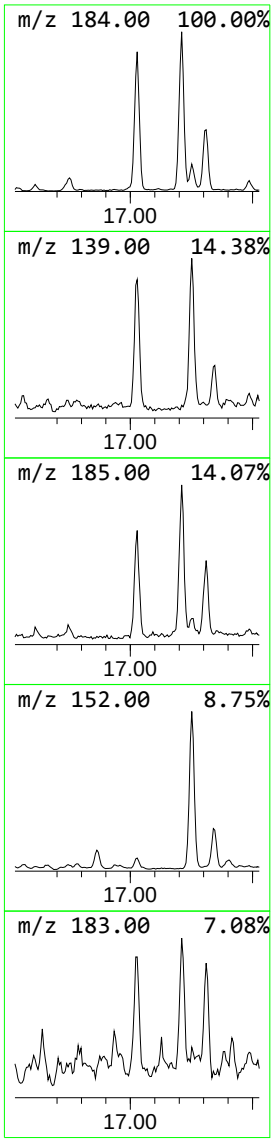
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.028	3.14 ng/ul	415137	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018913.D
Acq On : 18 Dec 2023 18:43
Operator : MA/JU
Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG3

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

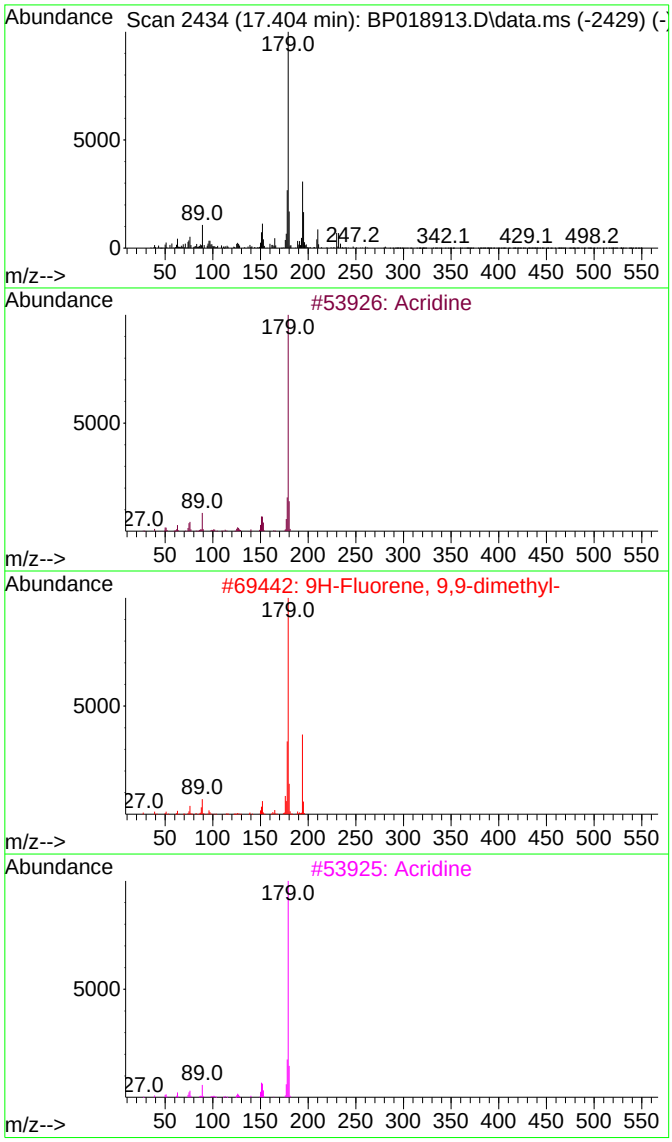
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

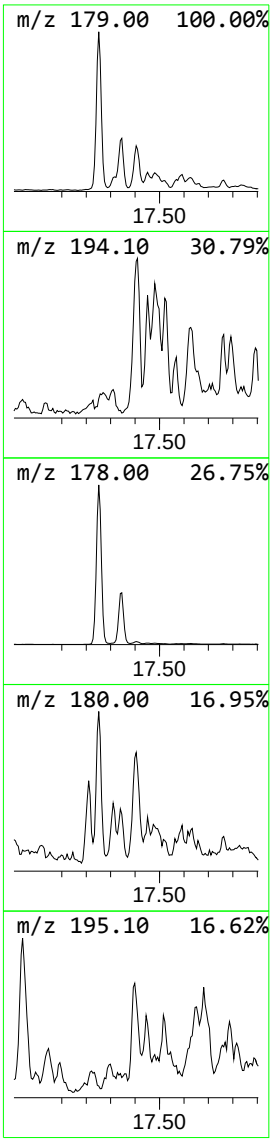
****

Peak Number 3 Acridine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.404	3.07 ng/ul	405344	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	91
2	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	80
3	Acridine	179	C13H9N	000260-94-6	64
4	Acridine	179	C13H9N	000260-94-6	64
5	Benzo[g]quinoline	179	C13H9N	000260-36-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018913.D
Acq On : 18 Dec 2023 18:43
Operator : MA/JU
Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG3

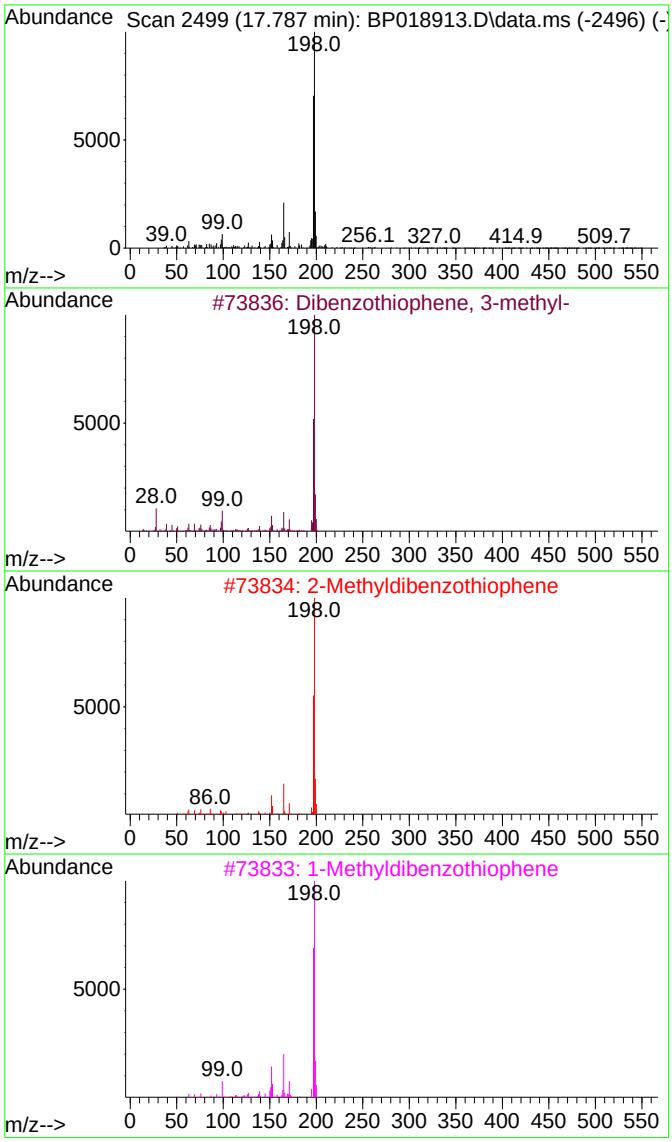
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

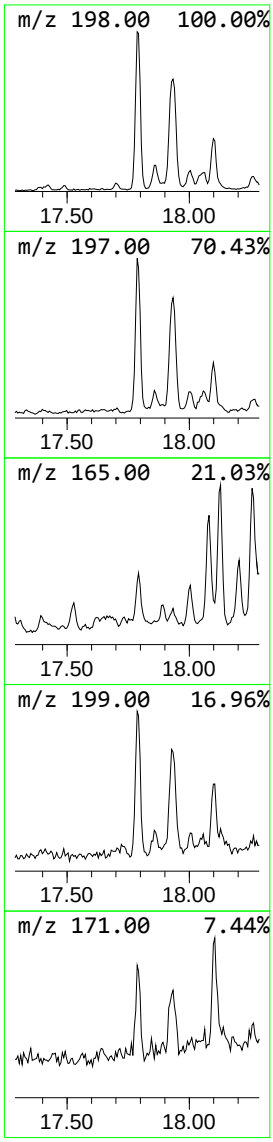
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzothiophene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.787	2.52 ng/ul	333166	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	90
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	86
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	74
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018913.D
Acq On : 18 Dec 2023 18:43
Operator : MA/JU
Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG3

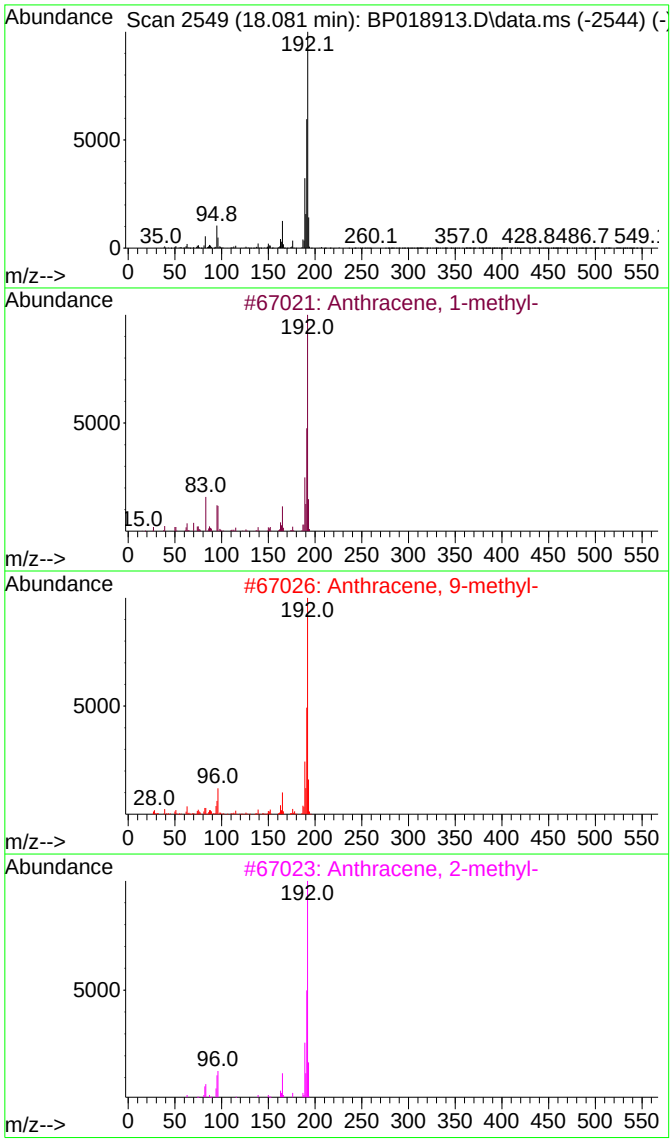
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

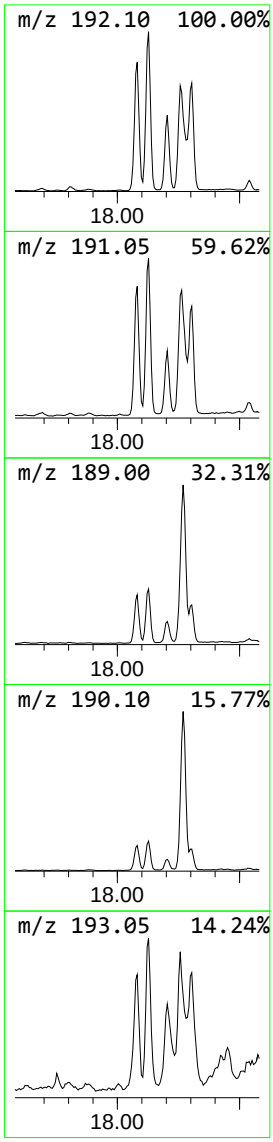
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.081	8.29 ng/ul	1095910	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Data File : BP018913.D
Acq On : 18 Dec 2023 18:43
Operator : MA/JU
Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG3

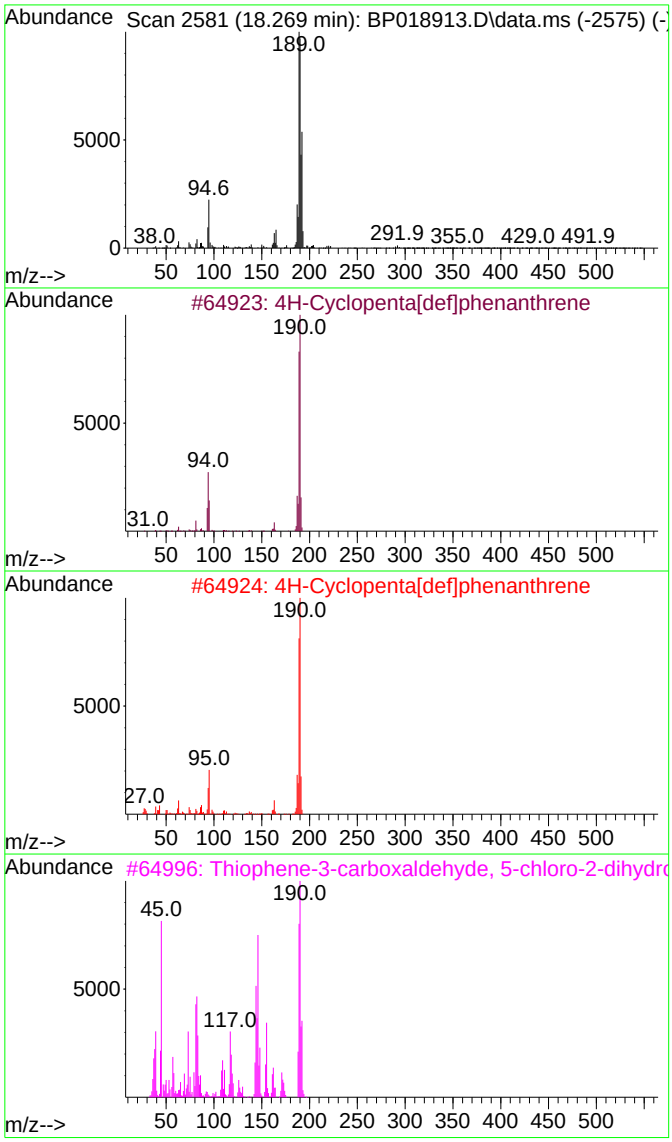
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

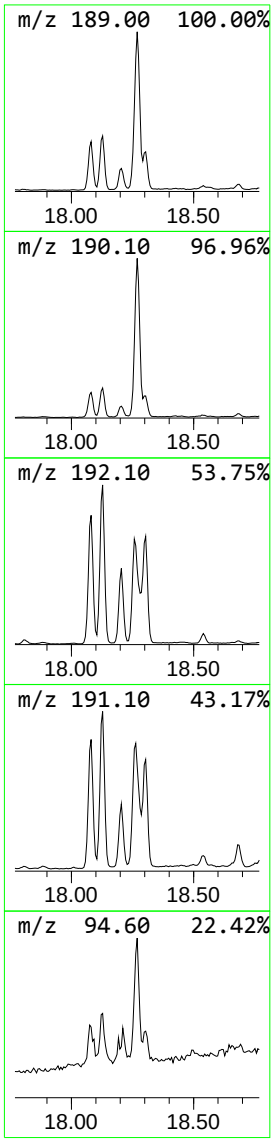
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	16.01 ng/ul	2115560	Phenanthrene-d10	17.210

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	60
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43





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Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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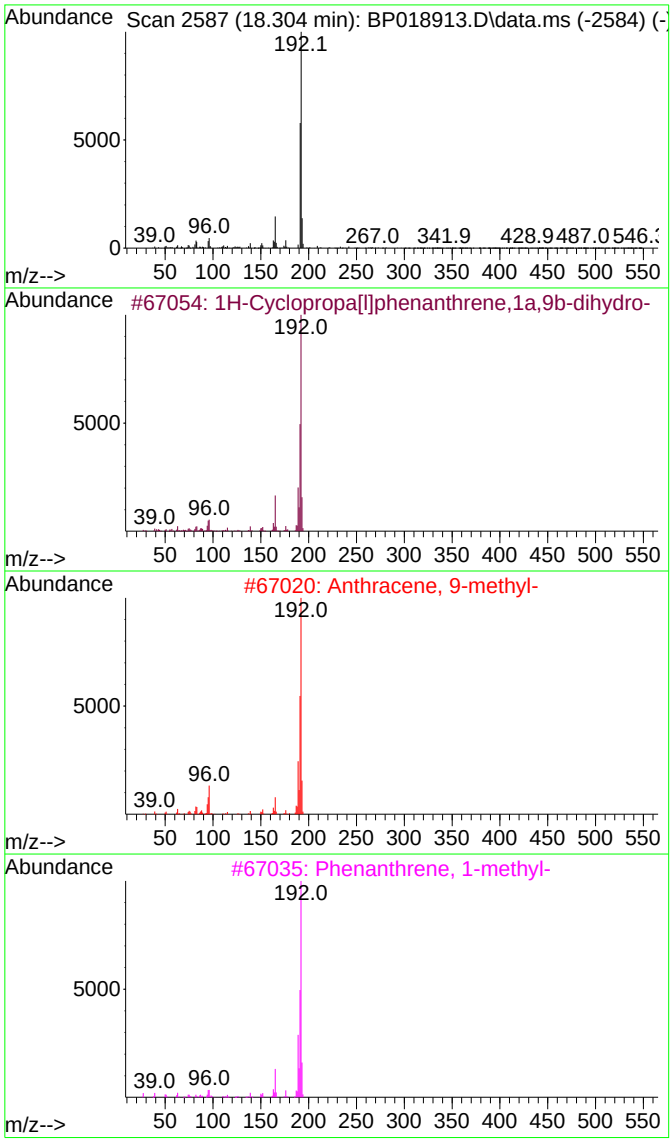
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

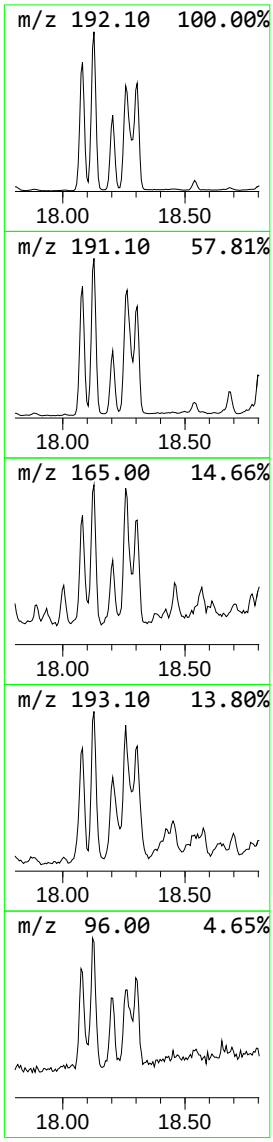
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	6.31 ng/ul	833603	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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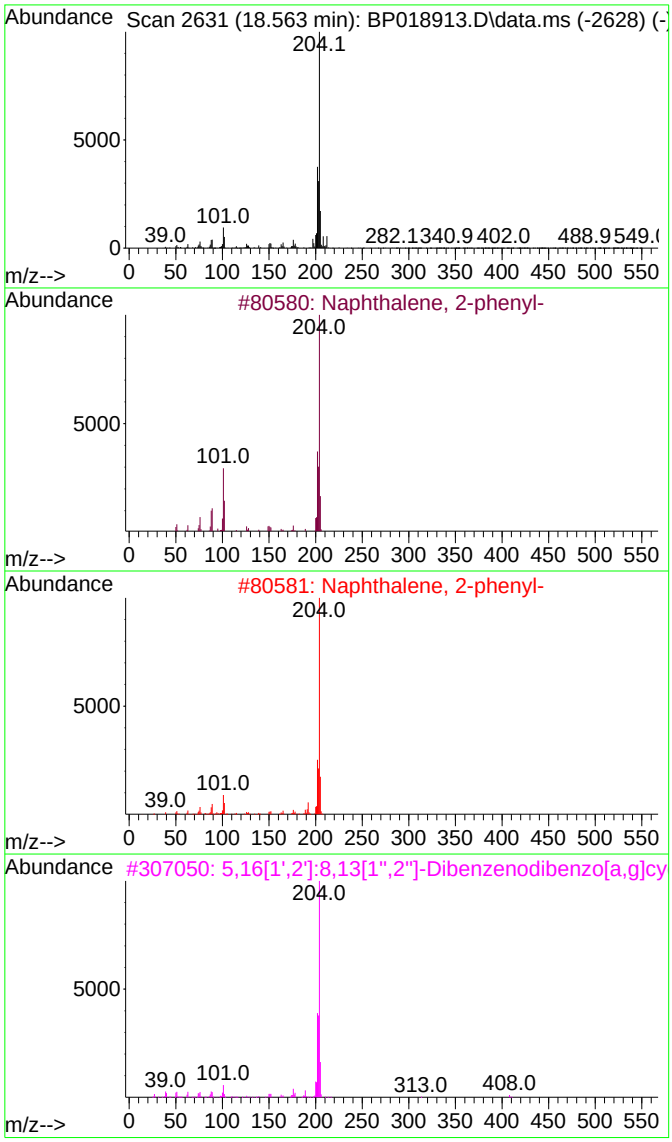
Quant Title : SVOA CALIBRATION

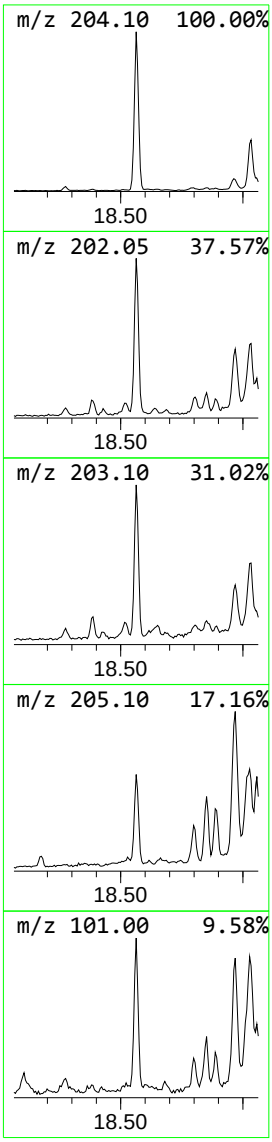
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.563	3.85 ng/ul	508466	Phenanthrene-d10	17.210

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	93
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG3

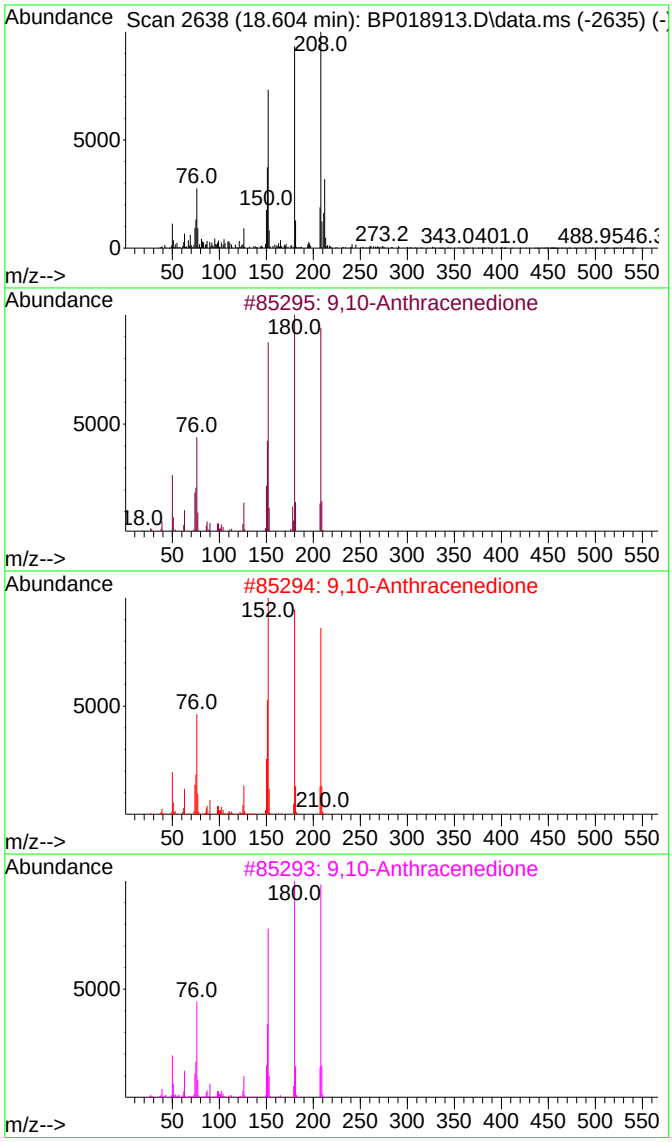
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

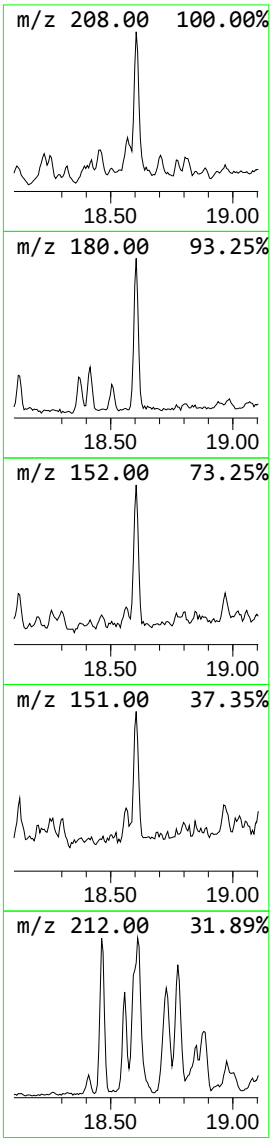
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	3.12 ng/ul	411845	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	76
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55





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Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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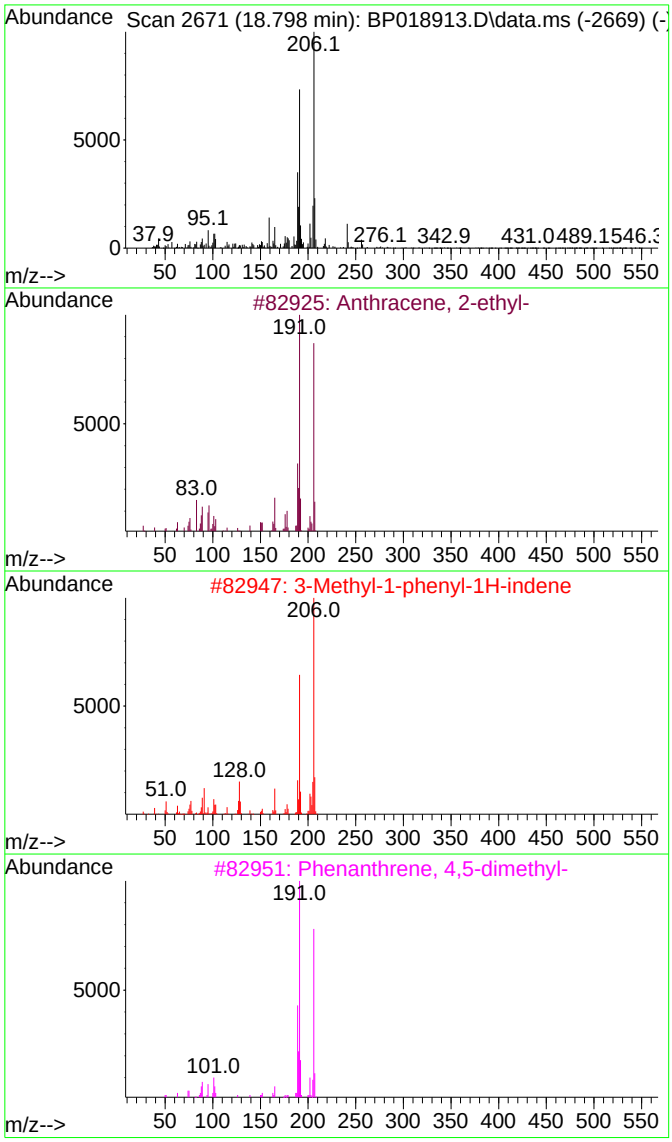
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

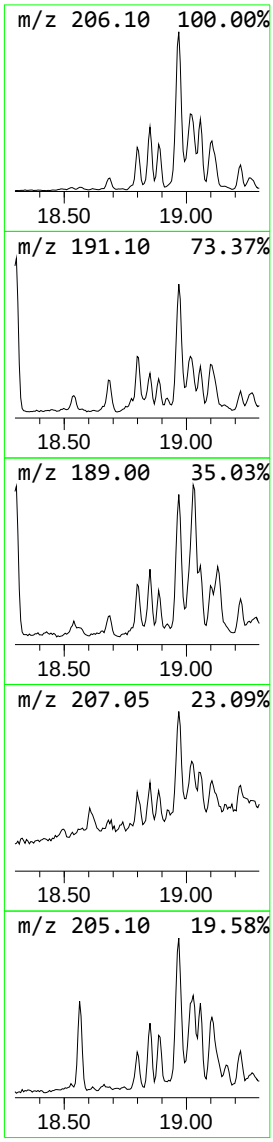
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Anthracene, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.798	2.04 ng/ul	269327	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	81
2	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	78
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	76





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Acq On : 18 Dec 2023 18:43
Operator : MA/JU
Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

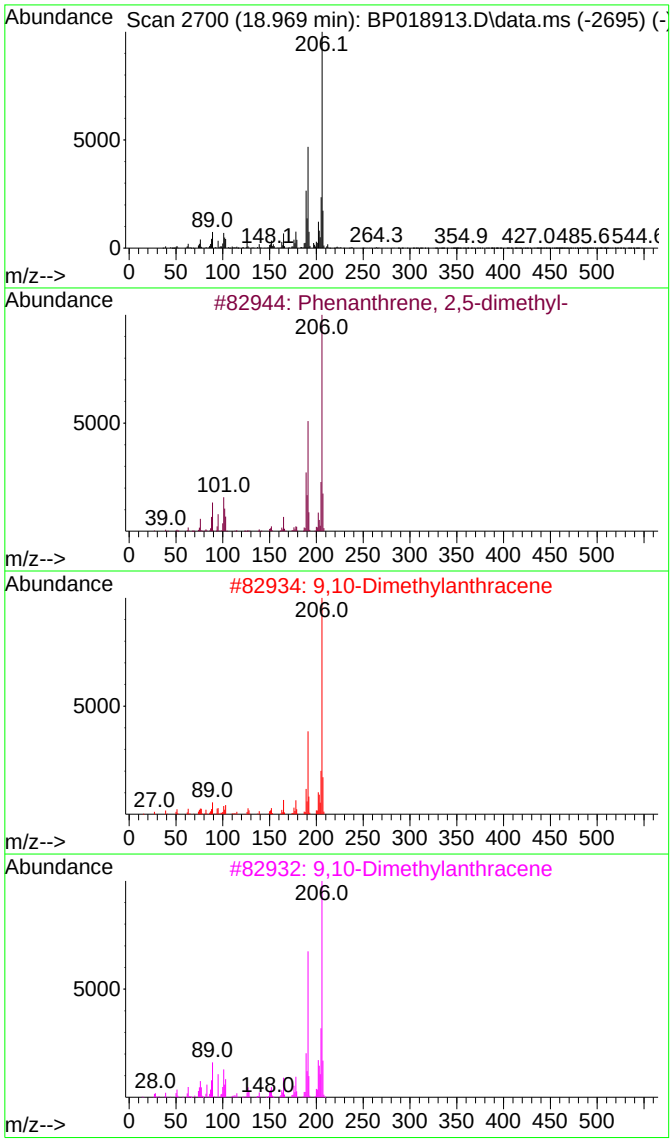
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

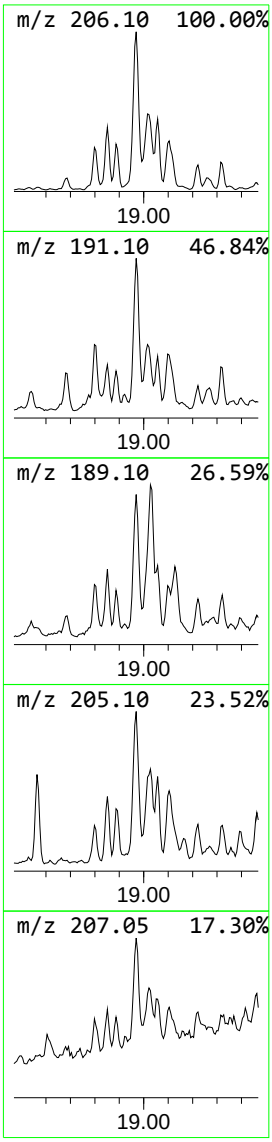
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.969	9.23 ng/ul	1220090	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Operator : MA/JU
Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG3

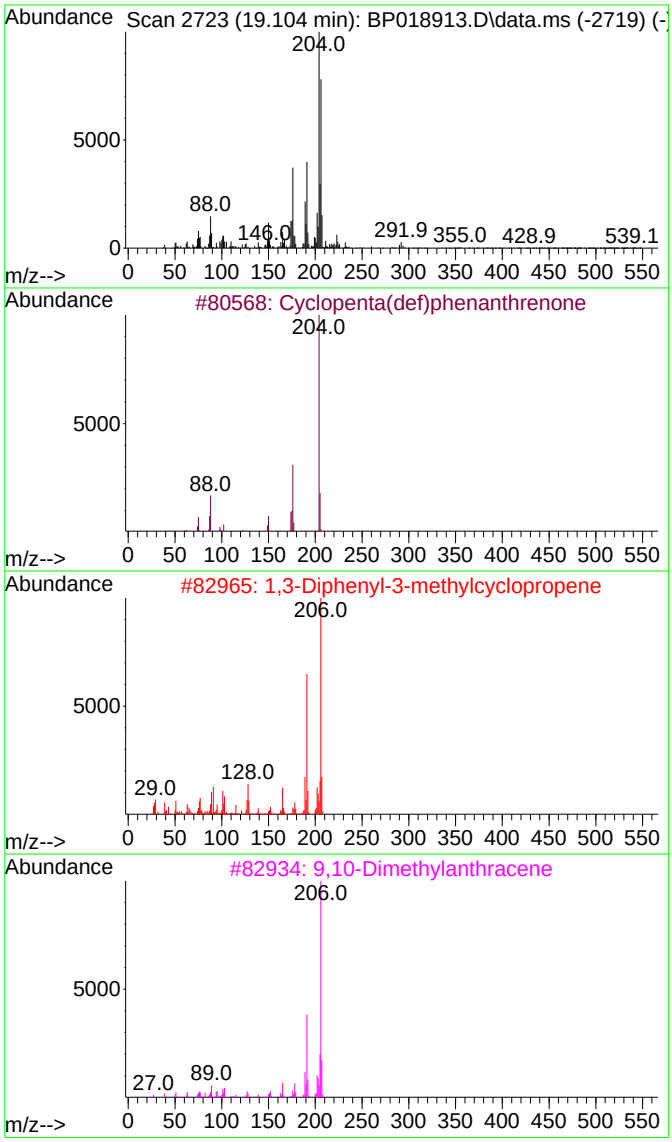
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

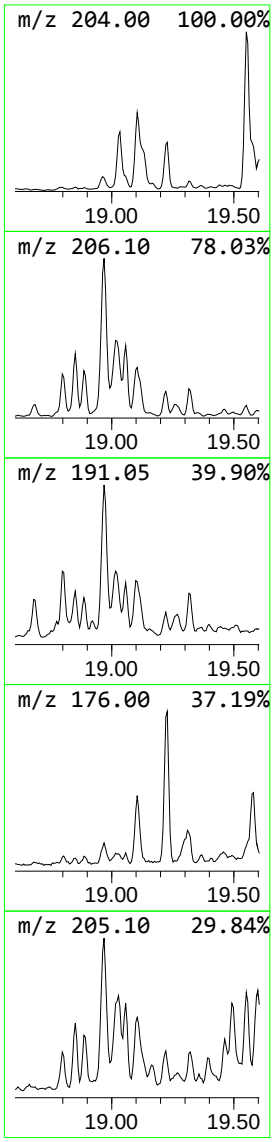
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	7.09 ng/ul	937017	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	74
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	55
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	50





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Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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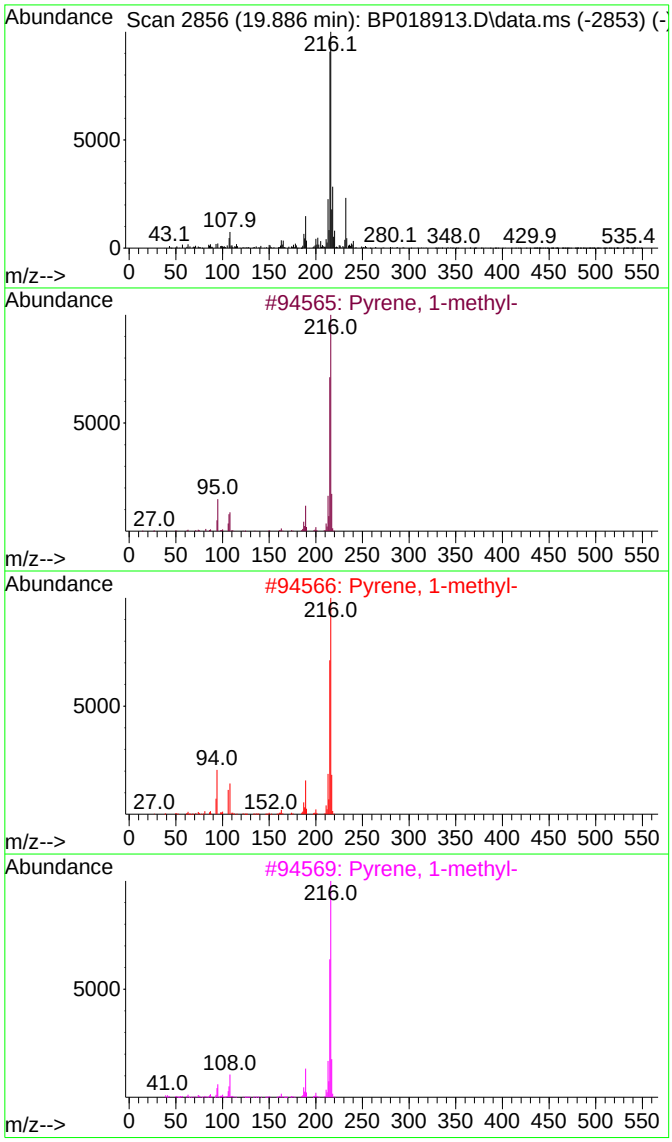
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

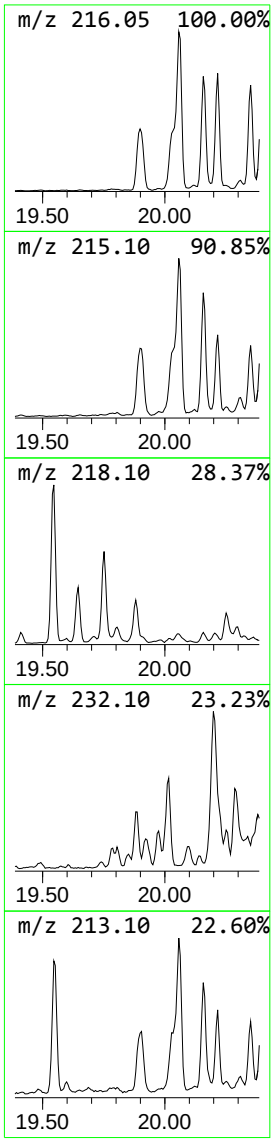
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.886	2.35 ng/ul	990895	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

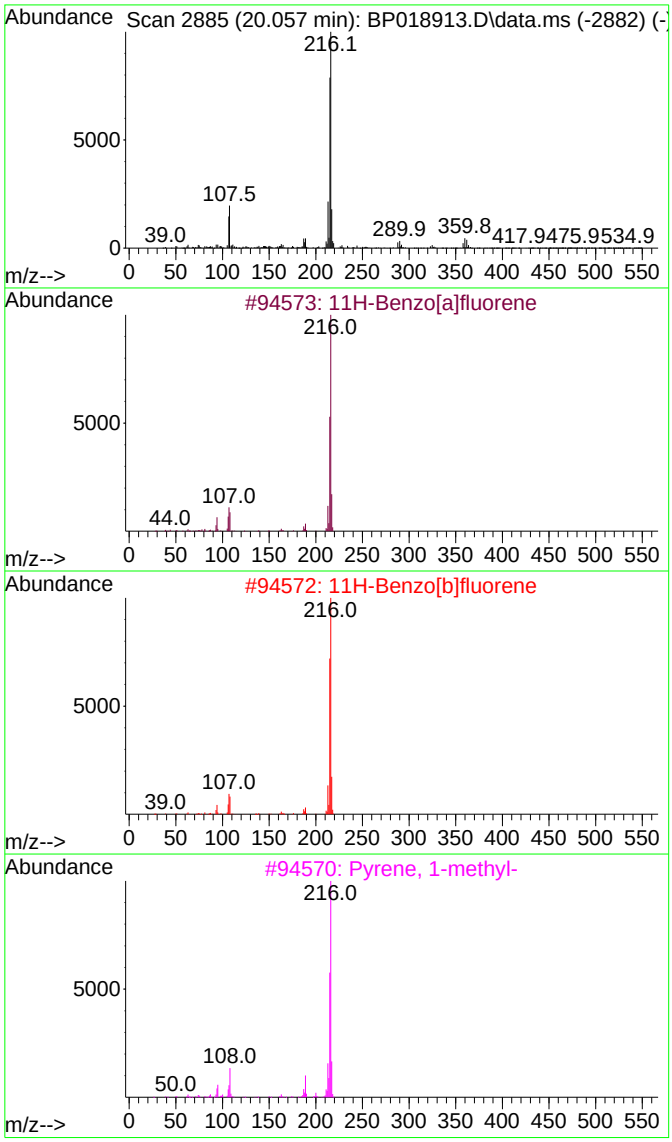
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

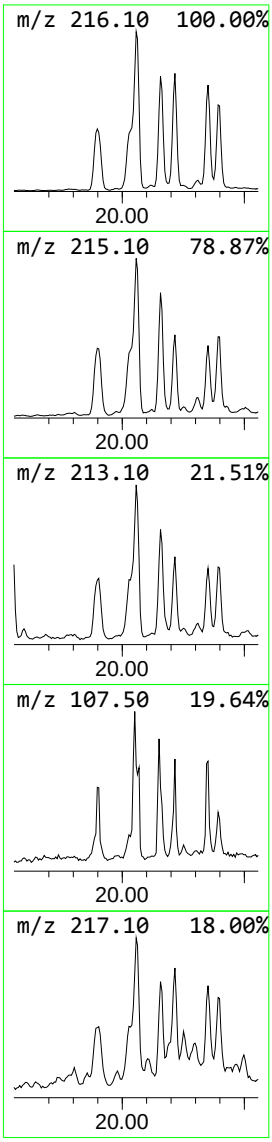
****

Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.057	4.18 ng/ul	1762440	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





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Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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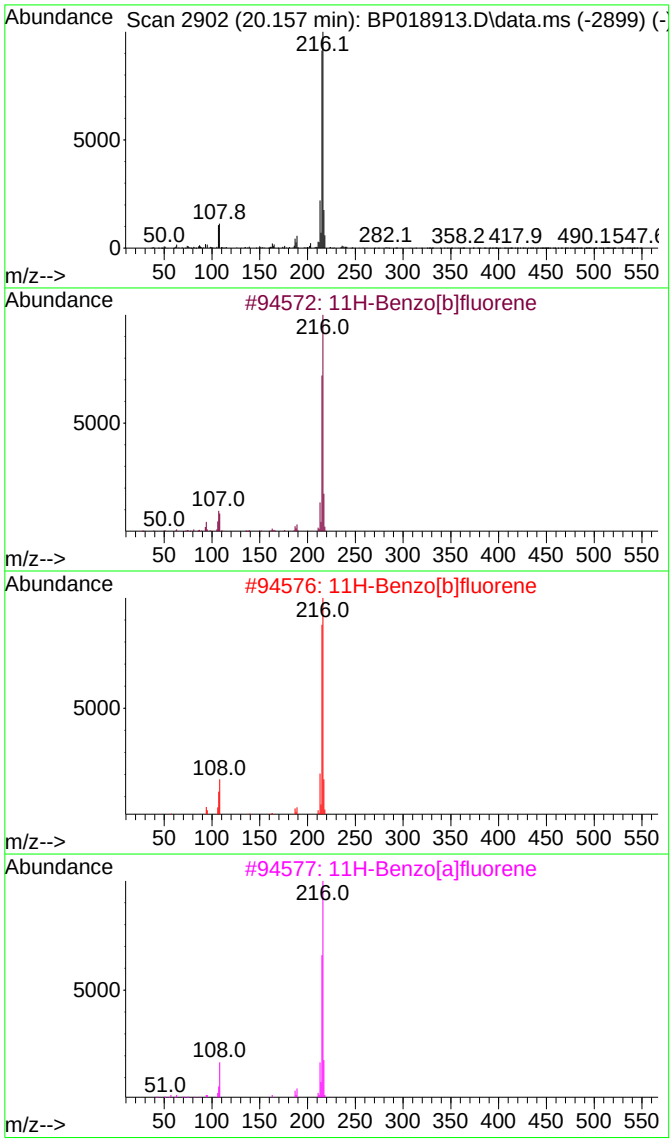
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

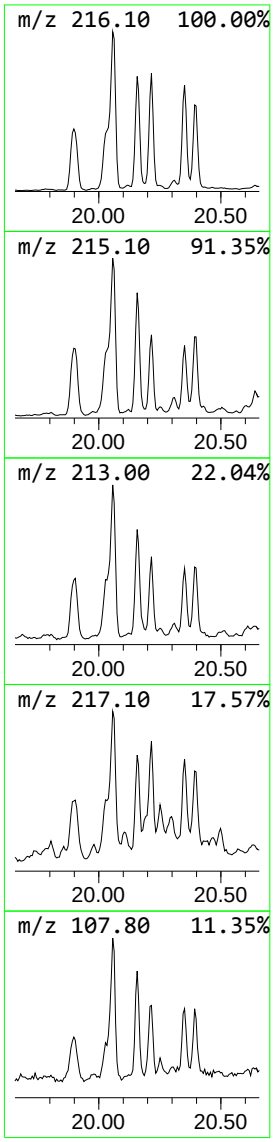
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.157	2.14 ng/ul	903308	Chrysene-d12	21.304

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	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

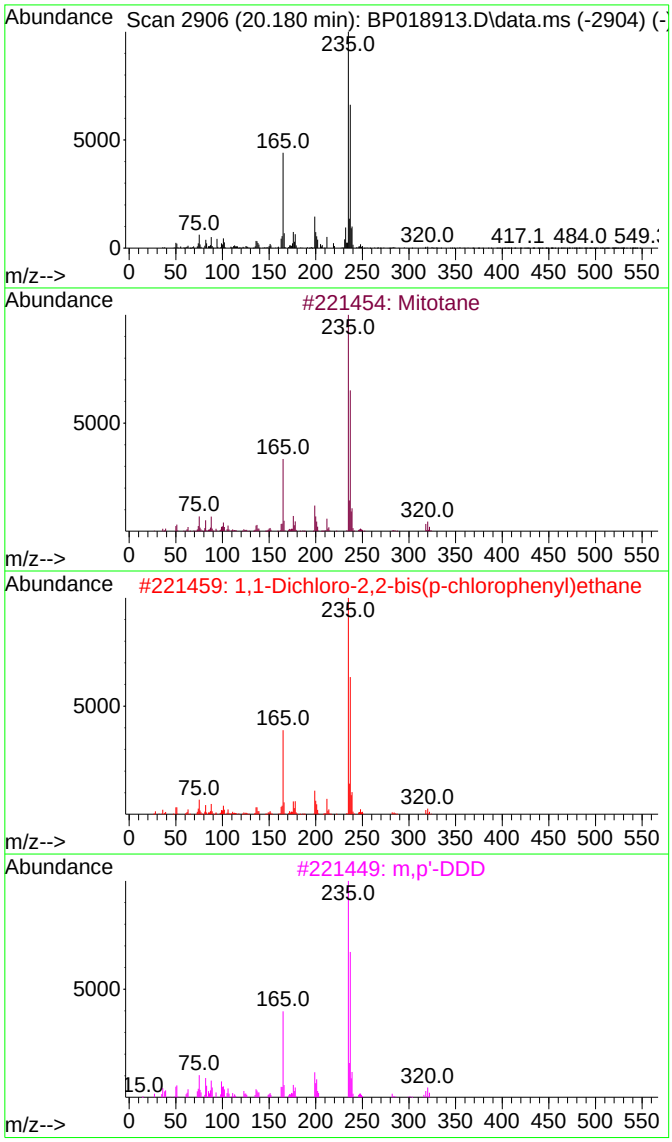
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

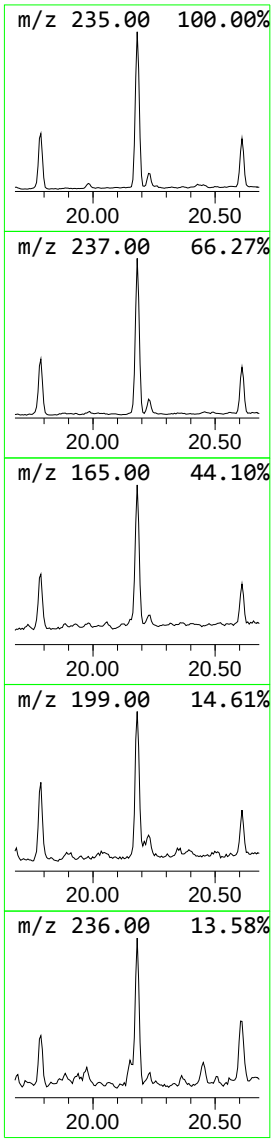
****

Peak Number 17 Mitotane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	2.66 ng/ul	1122510	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mitotane	318	C14H10Cl4	000053-19-0	98
2	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	95
3	m,p'-DDD	318	C14H10Cl4	004329-12-8	93
4	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	91
5	m,p'-DDD	318	C14H10Cl4	004329-12-8	91





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Sample : 05794-22 2X
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ALS Vial : 16 Sample Multiplier: 1

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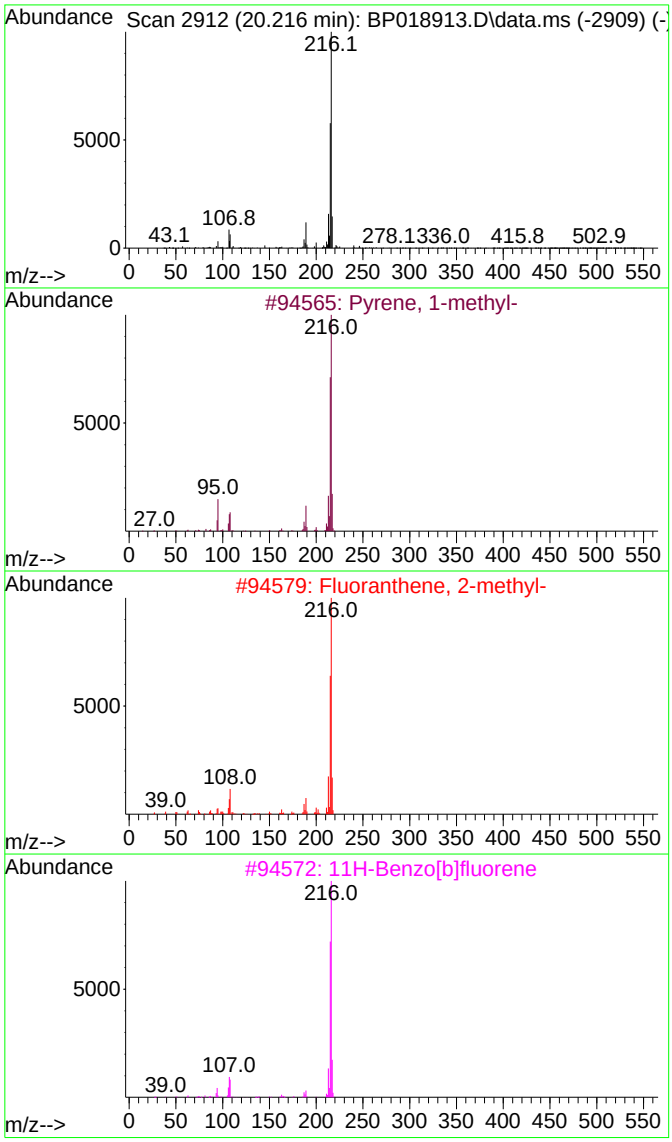
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

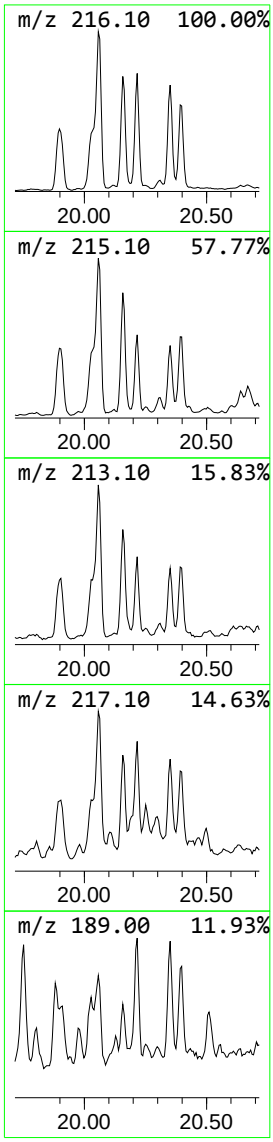
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.216	2.17 ng/ul	914653	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018913.D
Acq On : 18 Dec 2023 18:43
Operator : MA/JU
Sample : 05794-22 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG3

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	15.716	2.0	ng/ul	227196	3	14.457	2217420	20.0
Dibenzothiophene	17.028	3.1	ng/ul	415137	4	17.210	2643380	20.0
Acridine	17.404	3.1	ng/ul	405344	4	17.210	2643380	20.0
Dibenzothiophen...	17.787	2.5	ng/ul	333166	4	17.210	2643380	20.0
Anthracene, 1-m...	18.081	8.3	ng/ul	1095910	4	17.210	2643380	20.0
4H-Cyclopenta[d...	18.269	16.0	ng/ul	2115560	4	17.210	2643380	20.0
1H-Cyclopropa[l...	18.304	6.3	ng/ul	833603	4	17.210	2643380	20.0
Naphthalene, 2-...	18.563	3.9	ng/ul	508466	4	17.210	2643380	20.0
9,10-Anthracene...	18.604	3.1	ng/ul	411845	4	17.210	2643380	20.0
Anthracene, 2-e...	18.798	2.0	ng/ul	269327	4	17.210	2643380	20.0
Phenanthrene, 2...	18.969	9.2	ng/ul	1220090	4	17.210	2643380	20.0
Cyclopenta(def)...	19.104	7.1	ng/ul	937017	4	17.210	2643380	20.0
Pyrene, 1-methyl-	19.886	2.4	ng/ul	990895	5	21.304	8433470	20.0
11H-Benzo[a]flu...	20.057	4.2	ng/ul	1762440	5	21.304	8433470	20.0
11H-Benzo[b]flu...	20.157	2.1	ng/ul	903308	5	21.304	8433470	20.0
Mitotane	20.180	2.7	ng/ul	1122510	5	21.304	8433470	20.0
Fluoranthene, 2...	20.216	2.2	ng/ul	914653	5	21.304	8433470	20.0