LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018916.D
Acq On : 18 Dec 2023 20:26
Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

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: BP018916.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.787	115	119	125	rVV	118529	152731	1.25%	0.101%
2	4.005	151	156	166	rVB	87119	123062	1.01%	0.081%
3	7.005	655	666	682	rVB	461239	869921	7.13%	0.575%
4	7.169	687	694	701	rBV	371476	577860	4.74%	0.382%
5	7.363	720	727	737	rVB	478091	751712	6.16%	0.497%
6	7.828	797	806	816	rBV	806488	1306994	10.71%	0.864%
7	8.546	922	928	934	rBV	537694	850292	6.97%	0.562%
8	8.658	941	947	955	rVB	223569	352386	2.89%	0.233%
9	8.993	998	1004	1011	rVV	427873	700945	5.75%	0.463%
10	9.710	1117	1126	1138	rBV	341675	584491	4.79%	0.386%
11	10.252	1209	1218	1227	rVV	605041	990217	8.12%	0.654%
12	10.628	1272	1282	1287	rBV	1054188	1815352	14.88%	1.199%
13	10.675	1287	1290	1296	rVV	183144	271730	2.23%	0.180%
14	10.769	1300	1306	1321	rVB	201414	416013	3.41%	0.275%
15	12.287	1558	1564	1573	rVB	109213	176842	1.45%	0.117%
16	12.504	1596	1601	1610	rVB	126277	209335	1.72%	0.138%
17	13.640	1785	1794	1802	rBV2	66620	183775	1.51%	0.121%
18	13.787	1813	1819	1824	rBV	140190	239001	1.96%	0.158%
19	13.840	1824	1828	1830	rVV	79998	113086	0.93%	0.075%
20	13.881	1830	1835	1840	rVB	963026	1355525	11.11%	0.896%
21	14.022	1850	1859	1862	rBV	72013	126089	1.03%	0.083%
22	14.157	1876	1882	1897	rBV2	1245171	2230684	18.29%	1.474%
23	14.463	1925	1934	1940	rBV	1714173	2482773	20.35%	1.640%
24	14.528	1940	1945	1953	rVV	296487	452258	3.71%	0.299%
25	14.681	1964	1971	1979	rBV2	239440	468549	3.84%	0.310%
26	14.769	1981	1986	1992	rVV2	51267	125260	1.03%	0.083%
27	14.863	1997	2002	2009	rVV	240049	410088	3.36%	0.271%
28	14.940	2011	2015	2019	rVB	80802	117019	0.96%	0.077%
29	15.081	2033	2039	2044	rBV	89206	158736	1.30%	0.105%
30	15.134	2044	2048	2052	rVB	76600	101272	0.83%	0.067%
31	15.251	2062	2068	2071	rBV2	69869	124677	1.02%	0.082%
32	15.457	2097	2103	2108	rBV	1644997	2267563	18.59%	1.498%
33	15.510	2108	2112	2121	rVB	388690	592184	4.85%	0.391%
34	15.587	2121	2125	2130	rBV3	89315	172134	1.41%	0.114%
35	15.675	2136	2140	2144	rVB4	75928	104811	0.86%	0.069%
36	15.804	2158	2162	2172	rVB	137550	239196	1.96%	0.158%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018916.D
Acq On : 18 Dec 2023 20:26
Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

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	15.957	2184	2188	2195	rVB	129746	257579	2.11%	0.170%
38	16.040	2196	2202	2210	rVB3	48470	132803	1.09%	0.088%
39	16.187	2223	2227	2233	rVB4	148204	262446	2.15%	0.173%
40	16.498	2275	2280	2281	rBV3	86265	127858	1.05%	0.084%
41	16.516	2281	2283	2288	rVV2	130492	181847	1.49%	0.120%
42	16.563	2288	2291	2297	rVV2	111322	171180	1.40%	0.113%
43	16.669	2306	2309	2314	rVB2	86510	117449	0.96%	0.078%
44	16.745	2319	2322	2325	rVV2	84756	113589	0.93%	0.075%
45	16.787	2325	2329	2333	rVB2	152509	191142	1.57%	0.126%
46	16.869	2339	2343	2350	rVB2	245303	369600	3.03%	0.244%
47	16.945	2352	2356	2357	rBV	122223	147615	1.21%	0.098%
48	17.034	2366	2371	2379	rVB	268109	424247	3.48%	0.280%
49	17.216	2396	2402	2405	rBV	2072017	2985971	24.48%	1.973%
50	17.257	2405	2409	2414	rVV	4508521	6592217	54.04%	4.356%
51	17.316	2414	2419	2422	rVV	1906566	2854758	23.40%	1.886%
52	17.345	2422	2424	2430	rVV	1327933	1643245	13.47%	1.086%
53	17.410	2430	2435	2440	rVV2	192996	344343	2.82%	0.228%
54	17.622	2467	2471	2475	rBV	332167	451002	3.70%	0.298%
55	17.734	2488	2490	2494	rVB	123313	138364	1.13%	0.091%
56	17.792	2497	2500	2509	rVB2	210213	318630	2.61%	0.211%
57	17.934	2521	2524	2529	rVB	99105	150262	1.23%	0.099%
58	18.010	2534	2537	2540	rVB	83615	100551	0.82%	0.066%
59	18.086	2545	2550	2552	rVV	1002093	1450793	11.89%	0.959%
60	18.134	2555	2558	2562	rVV	1389103	1792813	14.70%	1.185%
61	18.175	2562	2565	2568	rVV	238139	346719	2.84%	0.229%
62	18.210	2568	2571	2576	rVV	554095	726946	5.96%	0.480%
63	18.275	2576	2582	2585	rVV2	1368692	2506294	20.54%	1.656%
64	18.310	2585	2588	2594	rVB	770113	1002369	8.22%	0.662%
65	18.386	2598	2601	2604	rVV2	137470	167883	1.38%	0.111%
66	18.422	2605	2607	2611	rVV5	105303	118494	0.97%	0.078%
67	18.463	2611	2614	2619	rVV2	139060	202694	1.66%	0.134%
68	18.569	2628	2632	2636	rBV	690688	862585	7.07%	0.570%
69	18.610	2636	2639	2644	rVB3	422745	562612	4.61%	0.372%
70	18.804	2669	2672	2676	rVB2	322079	372044	3.05%	0.246%
71	18.857	2678	2681	2684	rVV	278880	331665	2.72%	0.219%
72	18.892	2684	2687	2690	rVB	286374	341992	2.80%	0.226%
73	18.975	2696	2701	2706	rBV	743720	1337948	10.97%	0.884%
74	19.110	2720	2724	2732	rBV3	645330	1183359	9.70%	0.782%
75	19.233	2739	2745	2750	rBV	8855612	11861507	97.23%	7.837%
76	19.286	2751	2754	2758	rBV2	257107	343949	2.82%	0.227%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018916.D
Acq On : 18 Dec 2023 20:26
Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

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	19.339	2758	2763	2766	rBV3	369204	679548	5.57%	0.449%
78	19.463	2782	2784	2787	rBV2	245629	238754	1.96%	0.158%
79	19.557	2795	2800	2801	rBV2	3581945	4756482	38.99%	3.143%
80	19.586	2801	2805	2812	rVV	8402129	11771812	96.50%	7.778%
81	19.651	2812	2816	2823	rVB2	603854	930329	7.63%	0.615%
82	19.757	2831	2834	2840	rVB	407921	584168	4.79%	0.386%
83	19.816	2841	2844	2848	rVB2	397203	531616	4.36%	0.351%
84	19.898	2853	2858	2865	rBV4	727566	1827444	14.98%	1.207%
85	20.028	2876	2880	2881	rBV2	531042	681939	5.59%	0.451%
86	20.063	2883	2886	2892	rVB	1459632	2039523	16.72%	1.348%
87	20.163	2900	2903	2906	rBV2	798566	904676	7.42%	0.598%
88	20.222	2909	2913	2916	rVB2	1049015	1463808	12.00%	0.967%
89	20.357	2933	2936	2940	rBV	726762	830346	6.81%	0.549%
90	20.404	2940	2944	2947	rVV	775184	964096	7.90%	0.637%
91	20.798	3008	3011	3017	rVB	908513	1195407	9.80%	0.790%
92	20.998	3042	3045	3048	rBV2	1045983	1340816	10.99%	0.886%
93	21.298	3091	3096	3101	rBV3	6413709	12199297	100.00%	8.060%
94	21.351	3101	3105	3115	rVB	5610884	9106252	74.65%	6.017%
95	21.469	3122	3125	3130	rVB2	801936	1149489	9.42%	0.759%
96	22.963	3373	3379	3384	rBV	4453342	10638745	87.21%	7.029%
97	23.480	3462	3467	3472	rBV	2311886	4528772	37.12%	2.992%
98	23.580	3480	3484	3492	rVB	4392949	8599406	70.49%	5.682%
99	23.686	3498	3502	3507	rBV	1273985	2027273	16.62%	1.339%
100	26.157	3916	3922	3933	rVB2	2300070	6559181	53.77%	4.334%

Sum of corrected areas: 151353106

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018916.D
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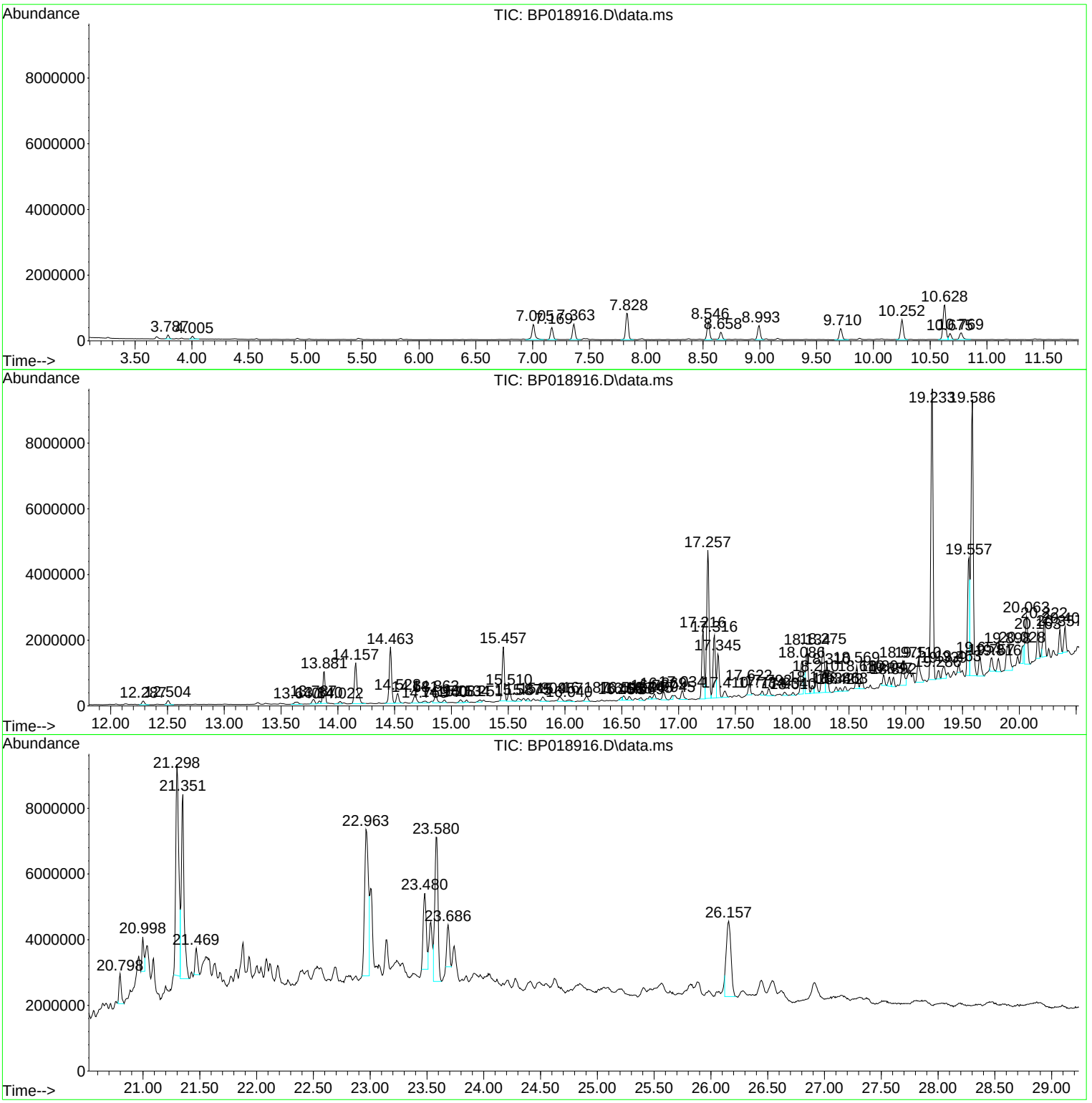
Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

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 : BP018916.D
Acq On : 18 Dec 2023 20:26
Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

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

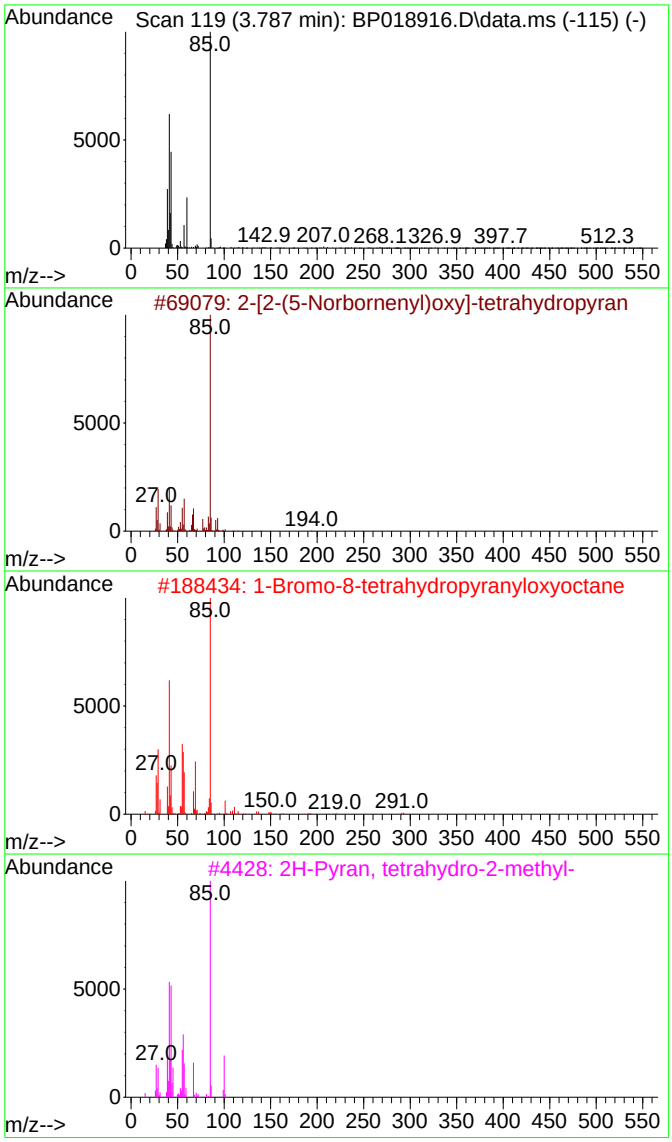
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

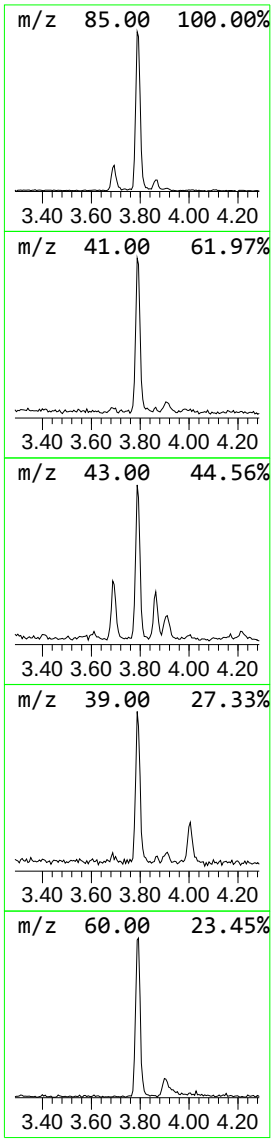
****

Peak Number 1 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.787	2.34 ng/ul	152731	1,4-Dichlorobenzene-d4	7.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-(5-Norbornenyl)oxy]-tetrahy...	194	C12H18O2	122685-23-8	42
2	1-Bromo-8-tetrahydropyranyloxyoc...	292	C13H25BrO2	050816-20-1	40
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
4	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	36
5	Tetrahydrofuran-5-on-2-methanol,...	260	C11H16O7	1000192-28-3	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018916.D
Acq On : 18 Dec 2023 20:26
Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

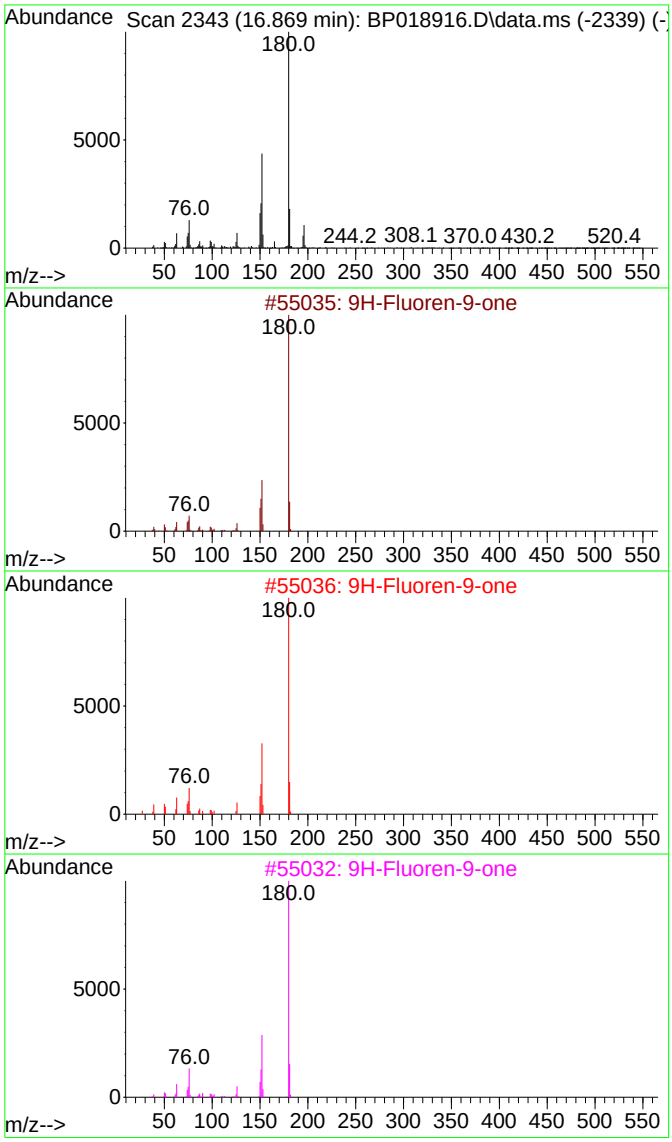
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

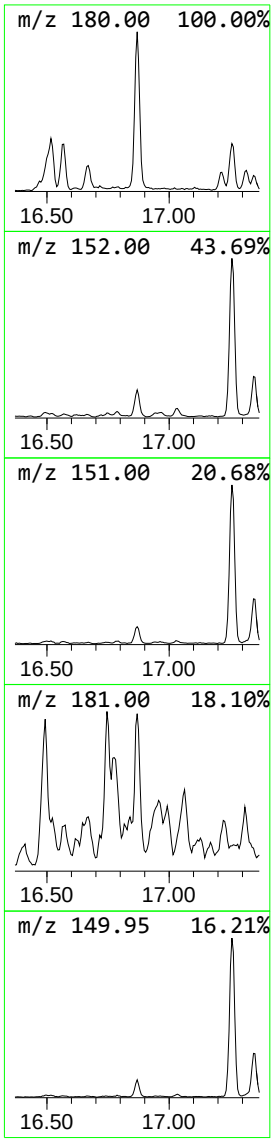
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.869	2.48 ng/ul	369600	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018916.D
Acq On : 18 Dec 2023 20:26
Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

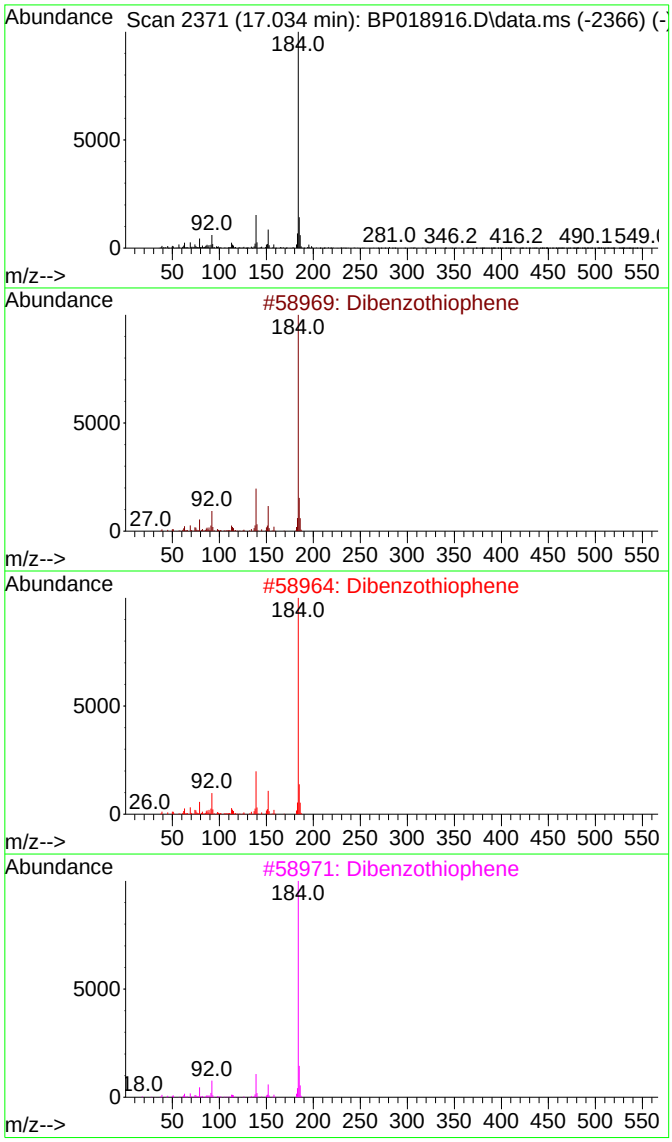
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

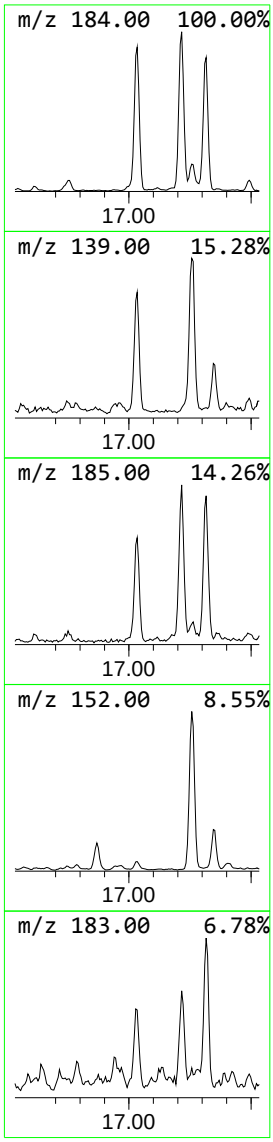
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.034	2.84 ng/ul	424247	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018916.D
Acq On : 18 Dec 2023 20:26
Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

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

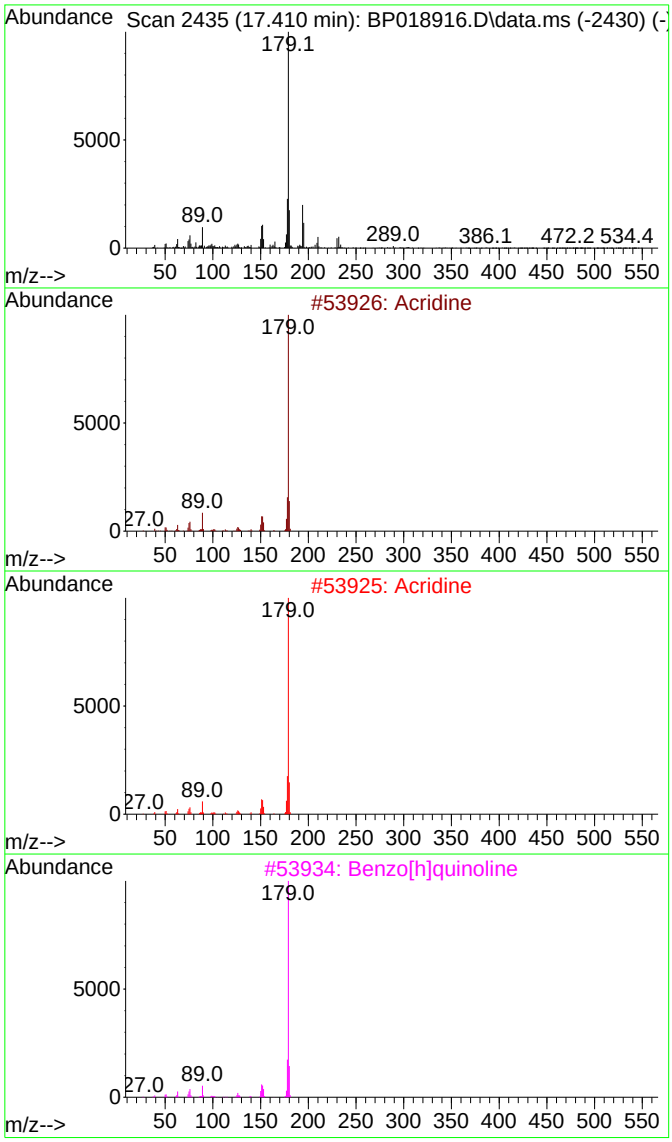
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

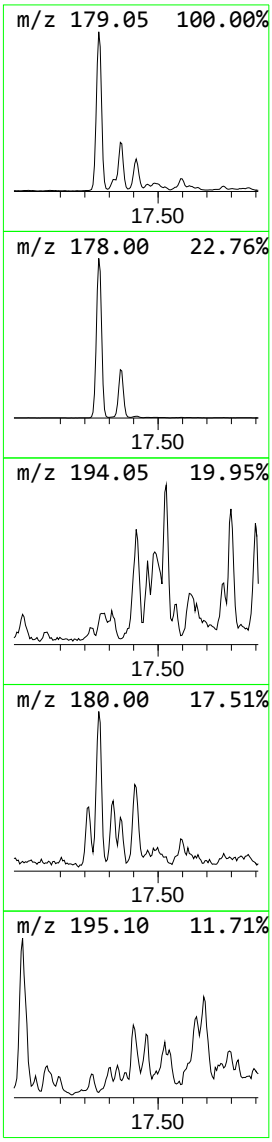
****

Peak Number 4 Acridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.410	2.31 ng/ul	344343	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	96
2	Acridine	179	C13H9N	000260-94-6	94
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	94
4	Phenanthridine	179	C13H9N	000229-87-8	89
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018916.D
Acq On : 18 Dec 2023 20:26
Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

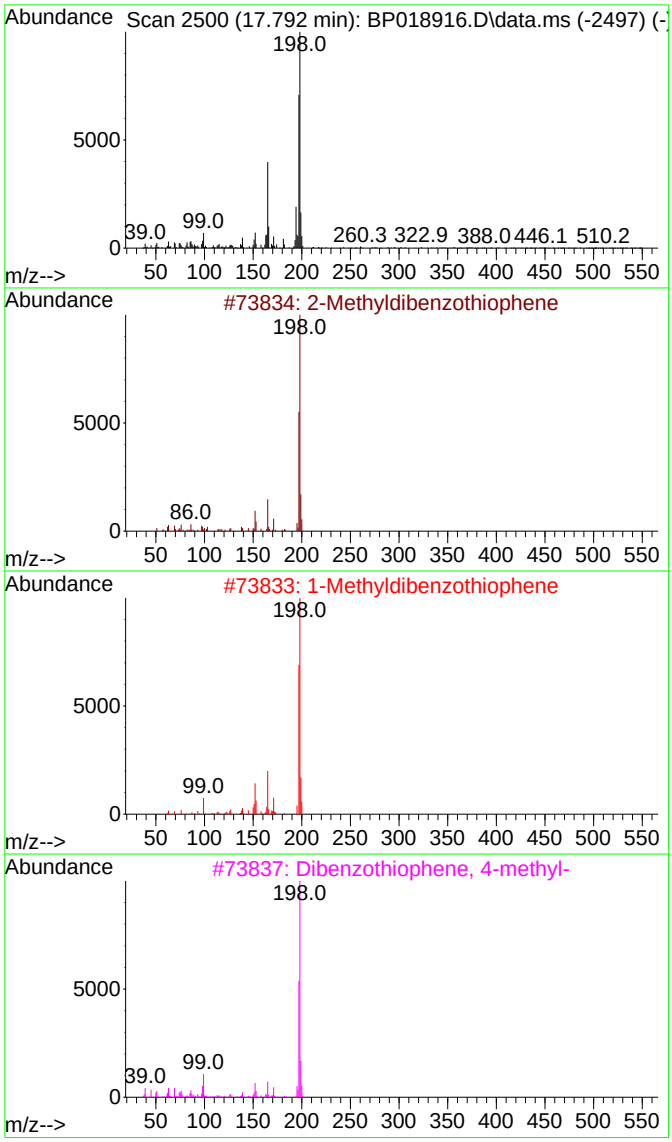
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

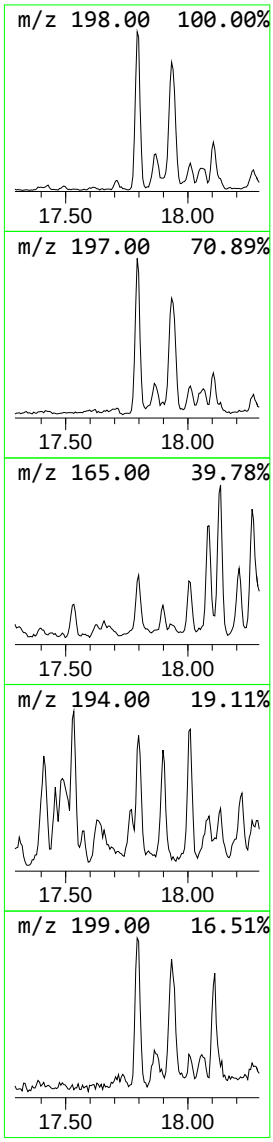
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Methyldibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.792	2.13 ng/ul	318630	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	83
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	70
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	68
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	60
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	52





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Data File : BP018916.D
Acq On : 18 Dec 2023 20:26
Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

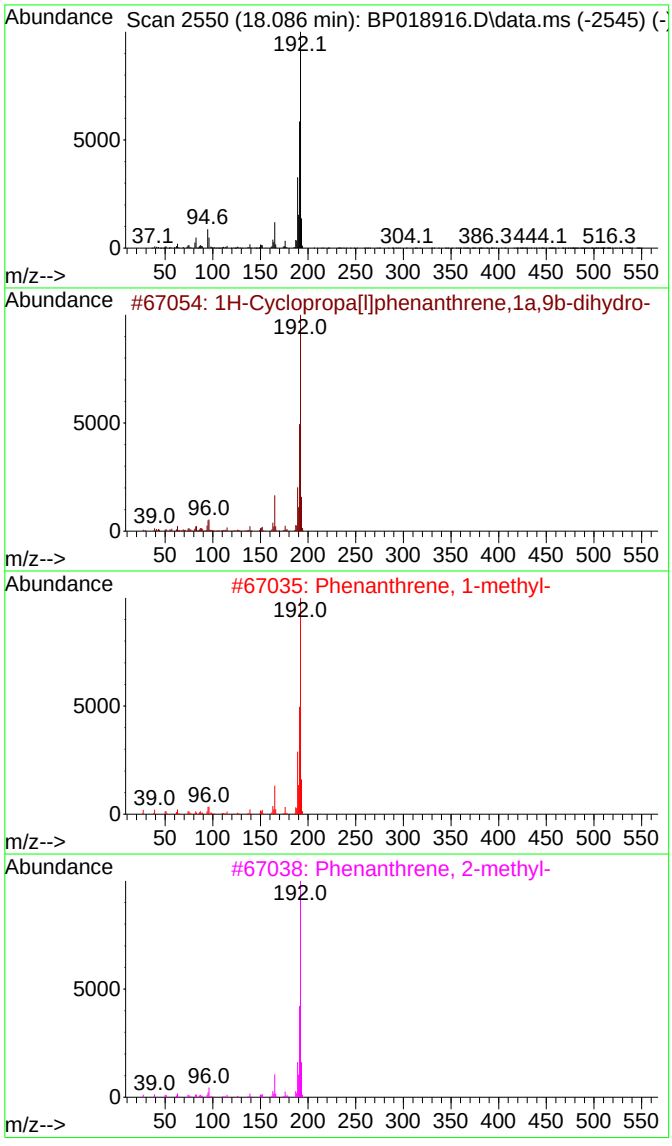
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

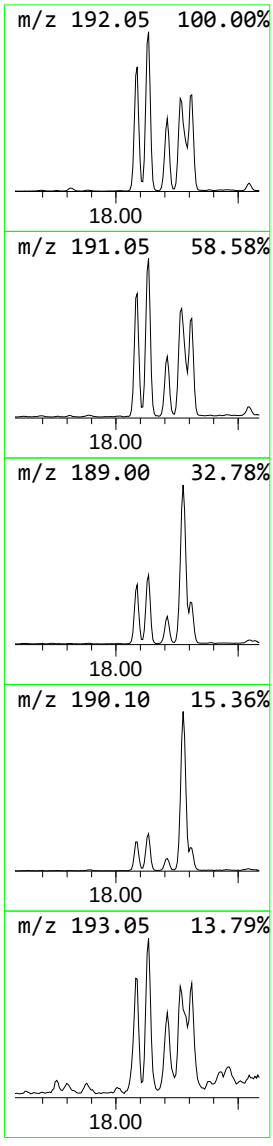
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	9.72 ng/ul	1450790	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

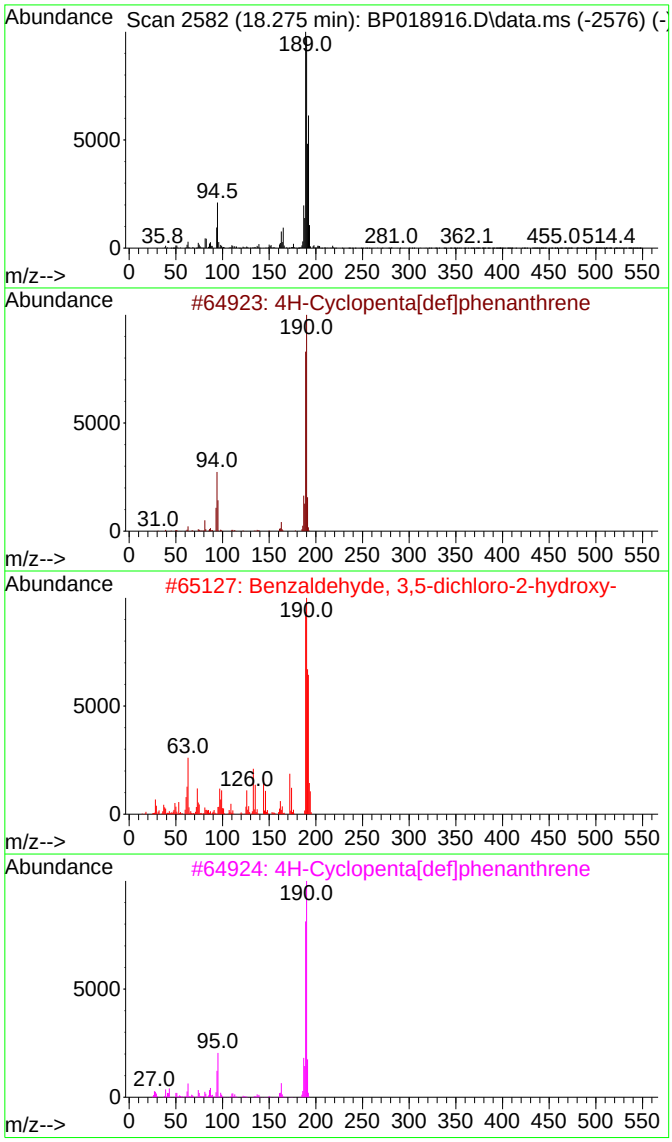
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

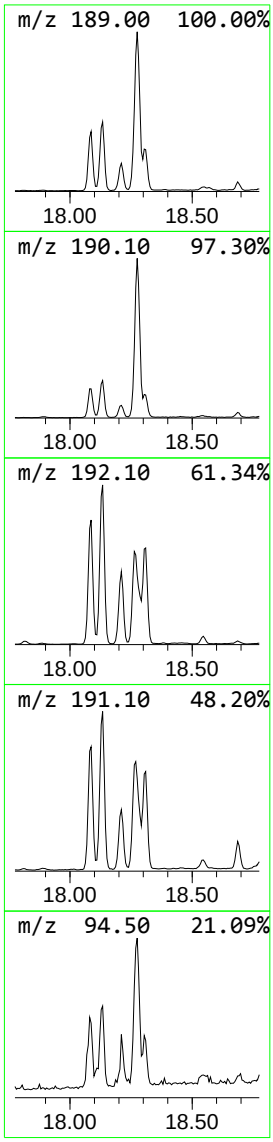
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	16.79 ng/ul	2506290	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35





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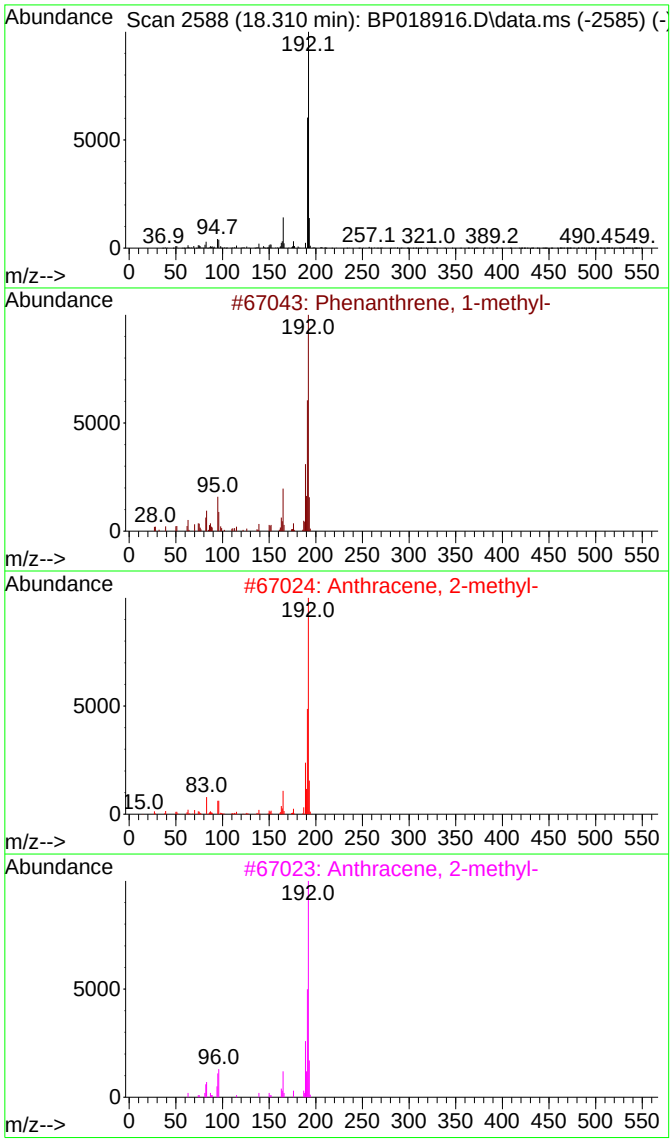
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

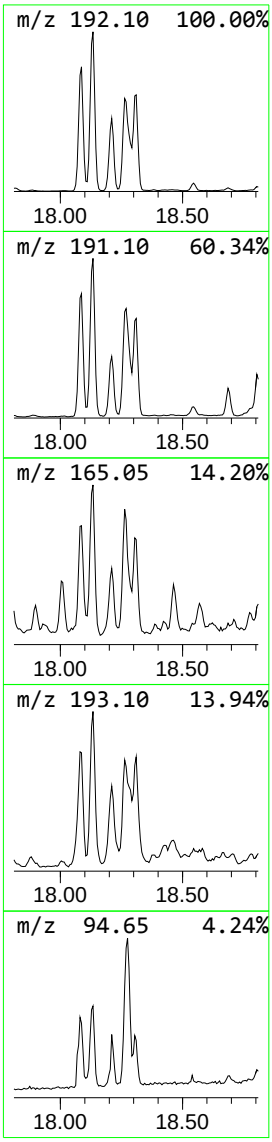
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	6.71 ng/ul	1002370	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

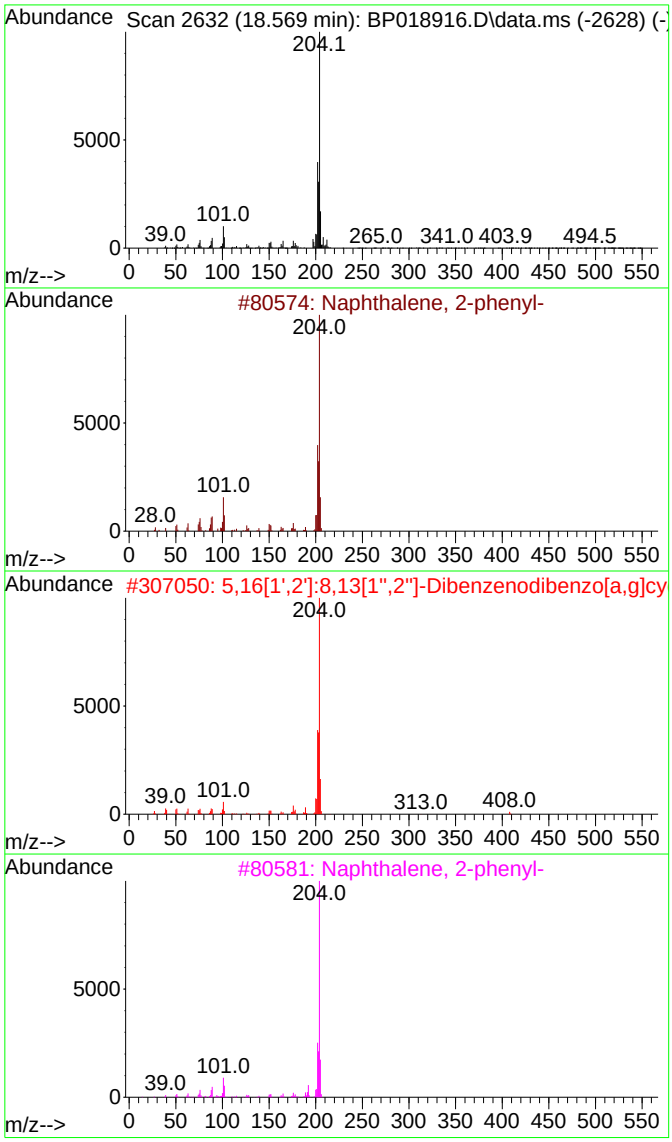
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

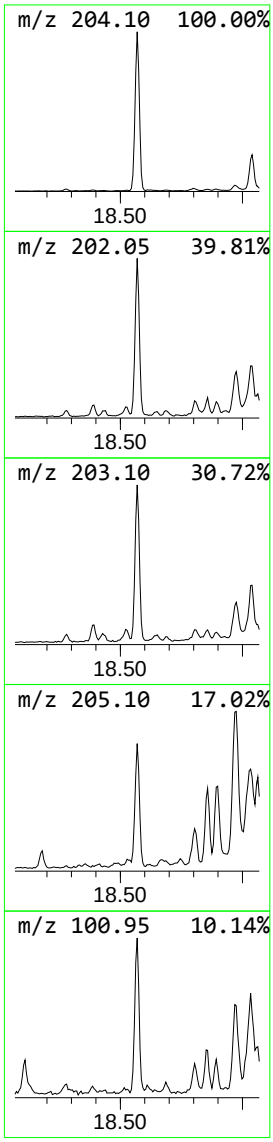
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.569	5.78 ng/ul	862585	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78





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Sample : 05794-24
Misc :
ALS Vial : 19 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

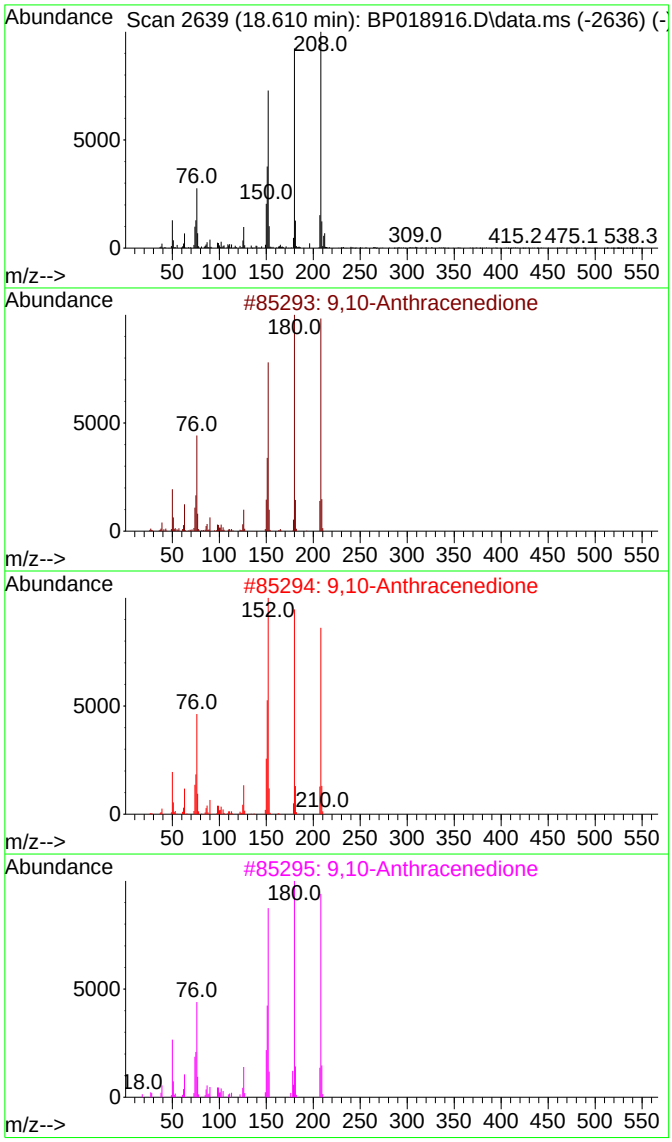
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

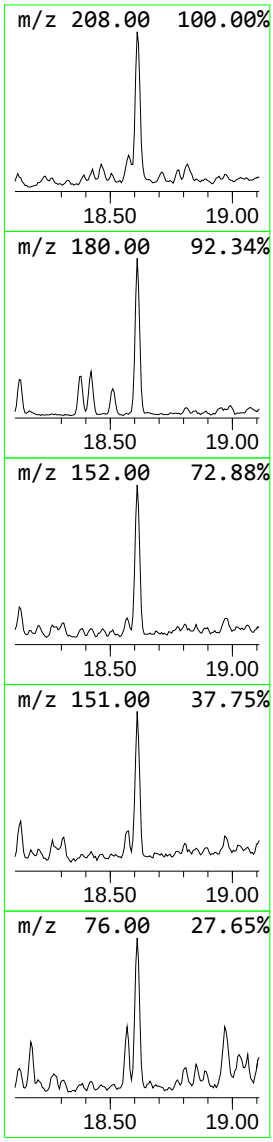
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	3.77 ng/ul	562612	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87





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Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

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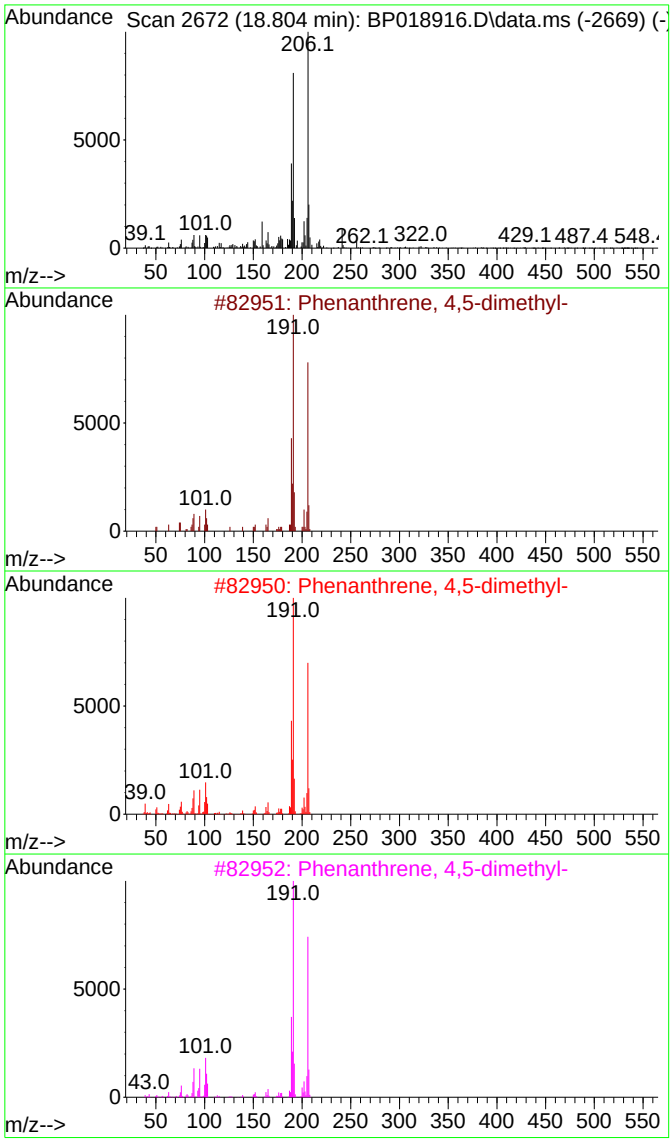
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

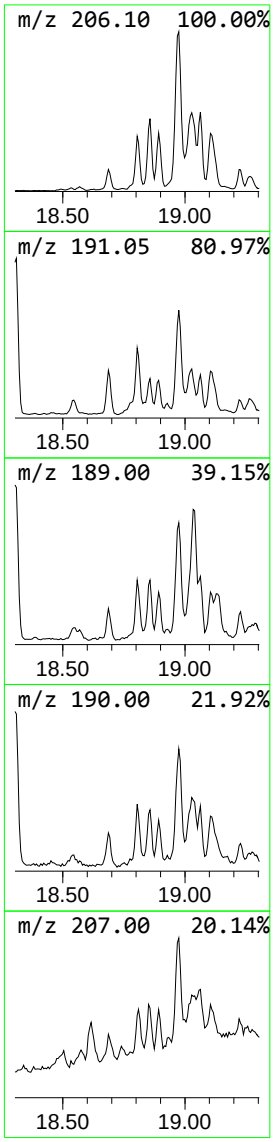
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 4,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.804	2.49 ng/ul	372044	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	91





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Acq On : 18 Dec 2023 20:26
Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

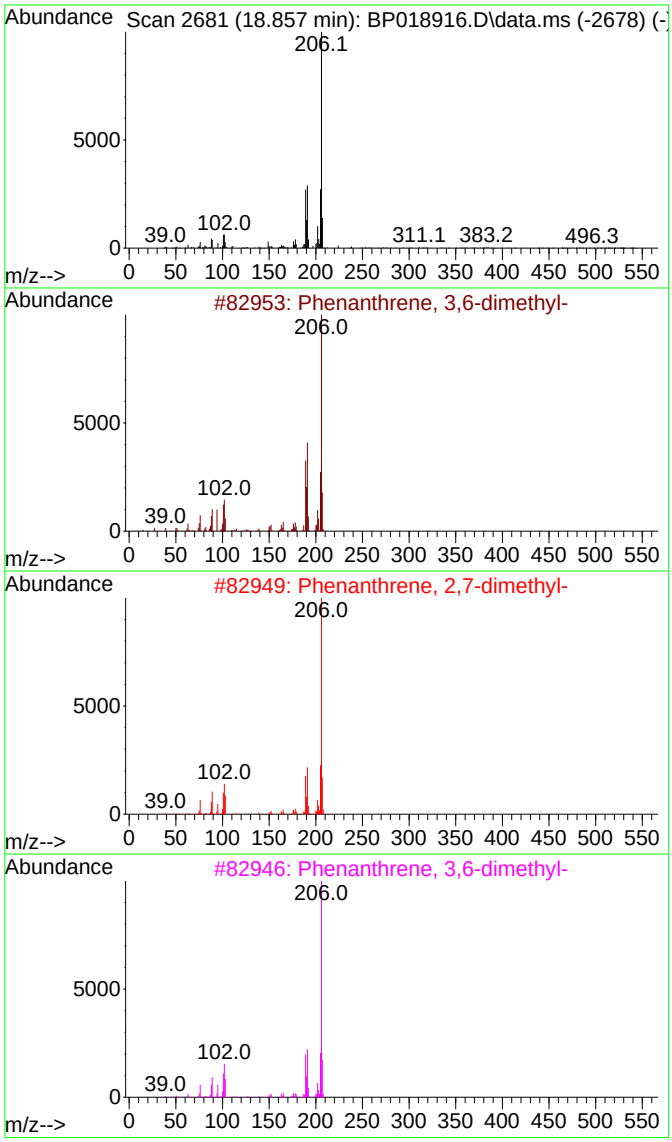
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

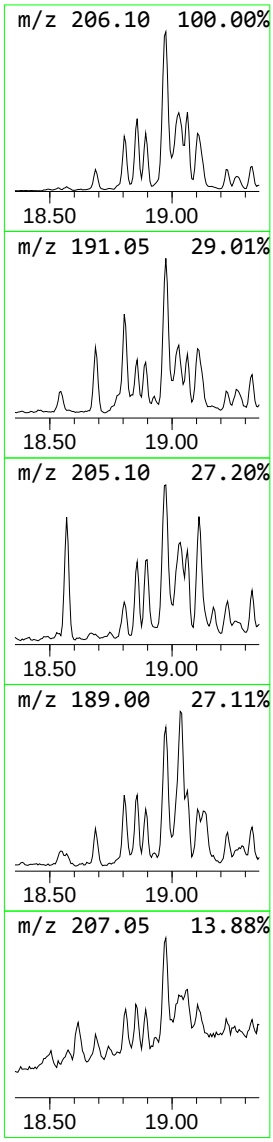
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.857	2.22 ng/ul	331665	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	80
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	72





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Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

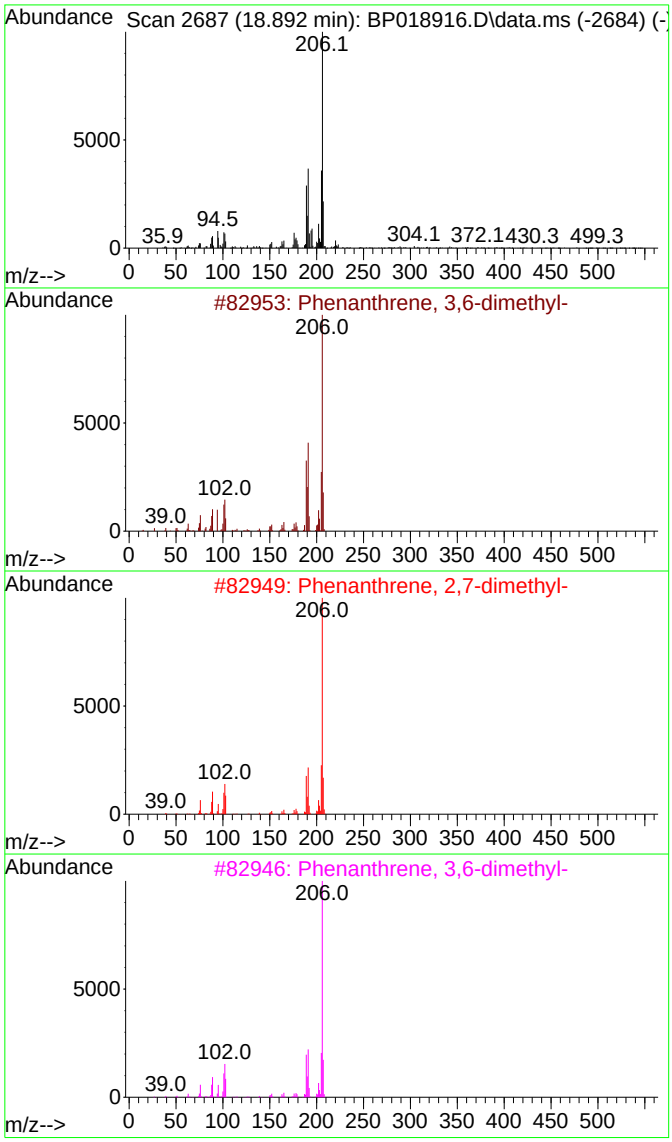
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

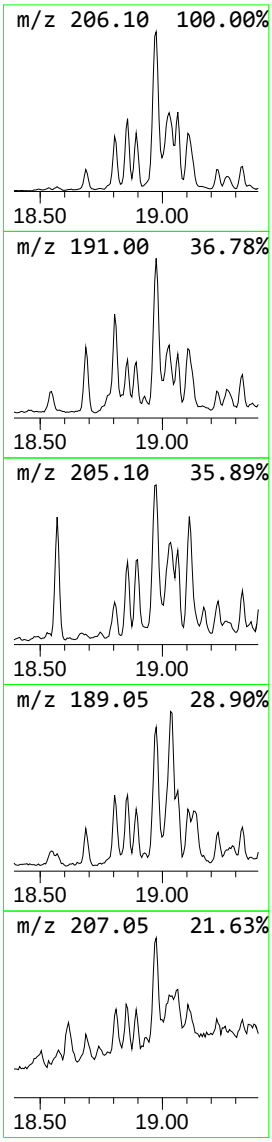
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.892	2.29 ng/ul	341992	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





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Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

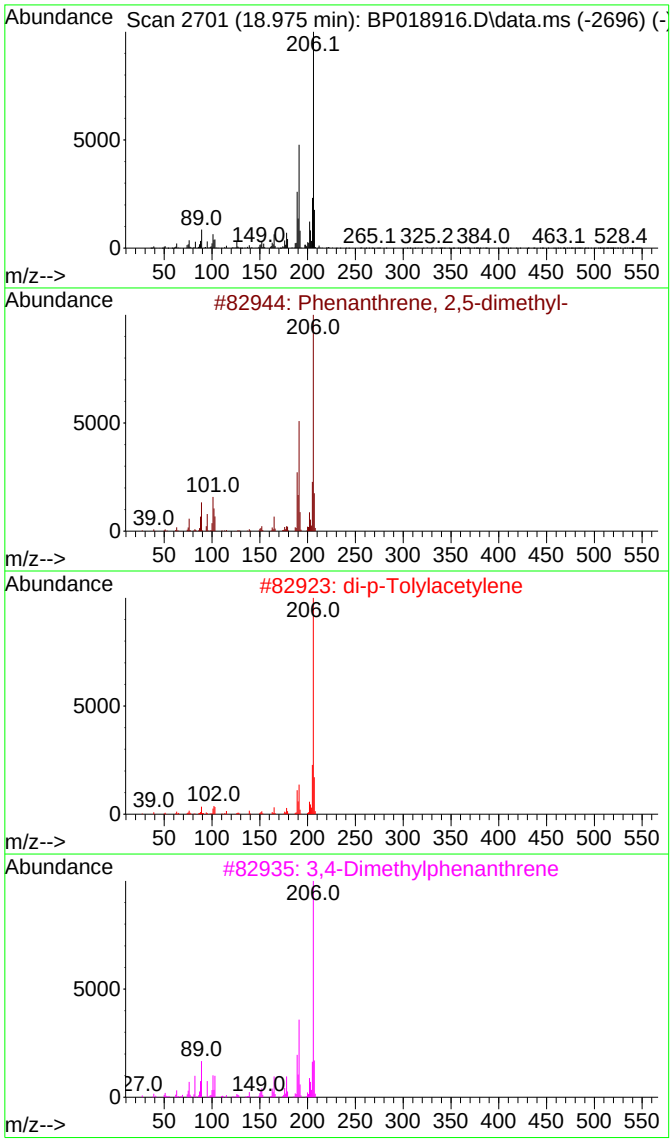
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

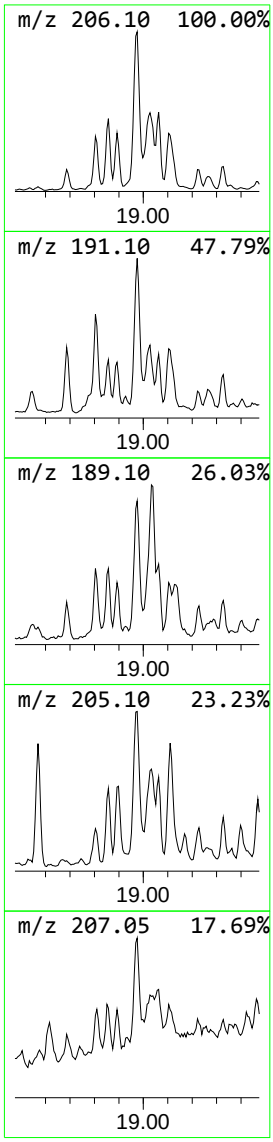
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.975	8.96 ng/ul	1337950	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
BGRG5

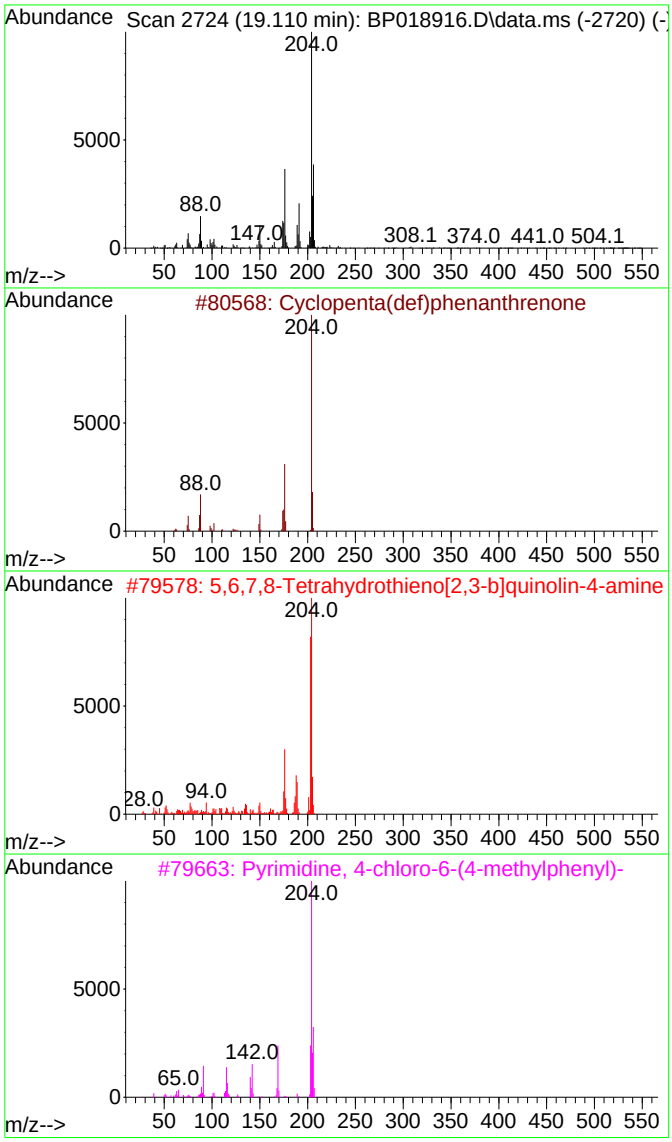
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

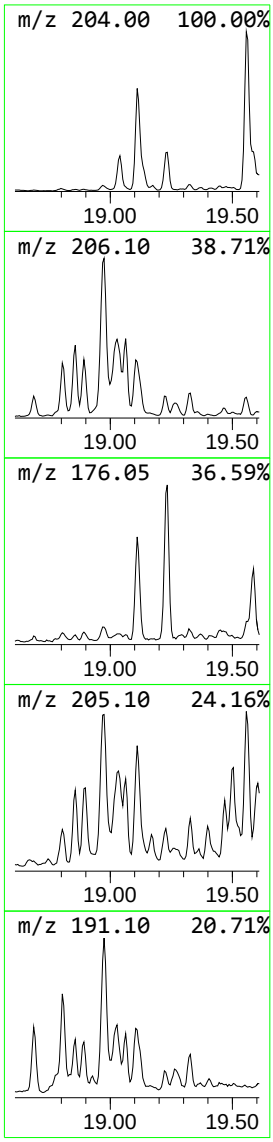
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	7.93 ng/ul	1183360	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
3	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	47
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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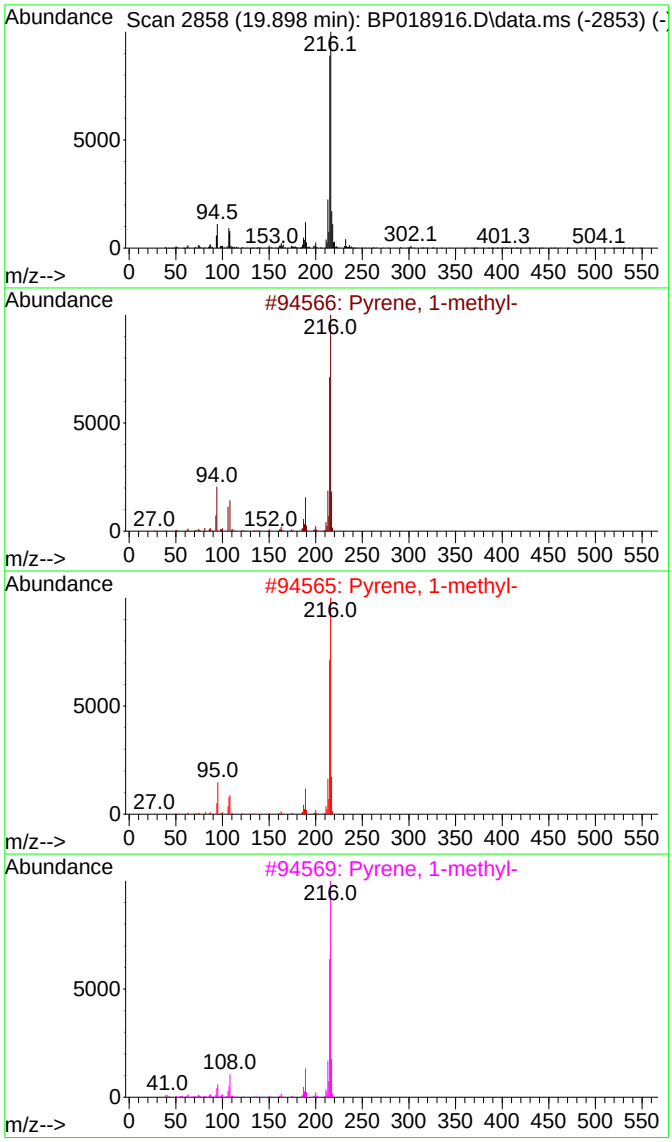
Quant Title : SVOA CALIBRATION

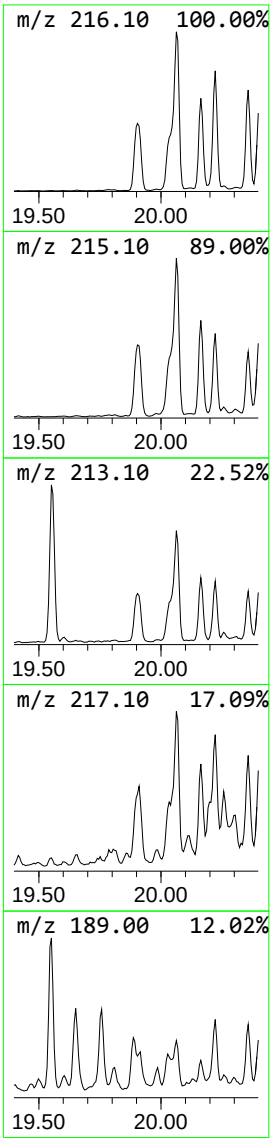
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.898	3.00 ng/ul	1827440	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Acq On : 18 Dec 2023 20:26
Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

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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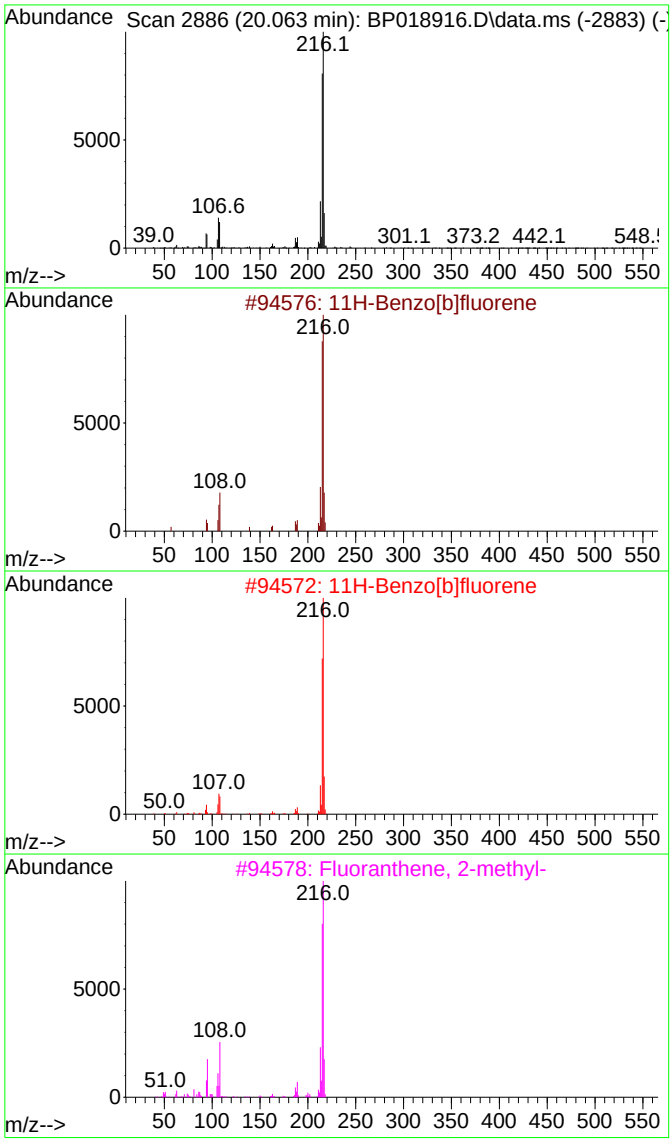
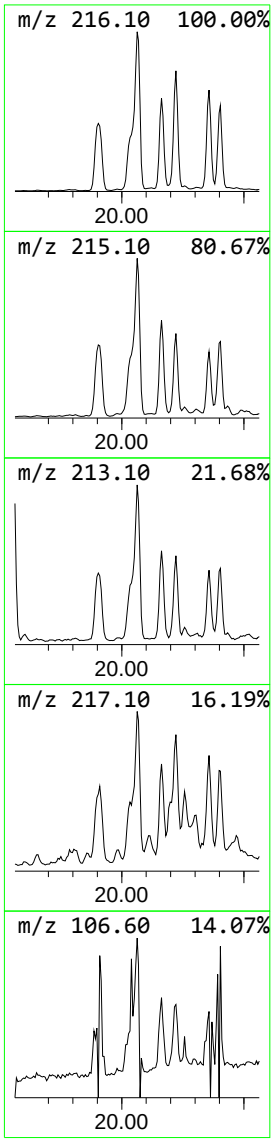
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.063	3.34 ng/ul	2039520	Chrysene-d12	21.310

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





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Data File : BP018916.D
Acq On : 18 Dec 2023 20:26
Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

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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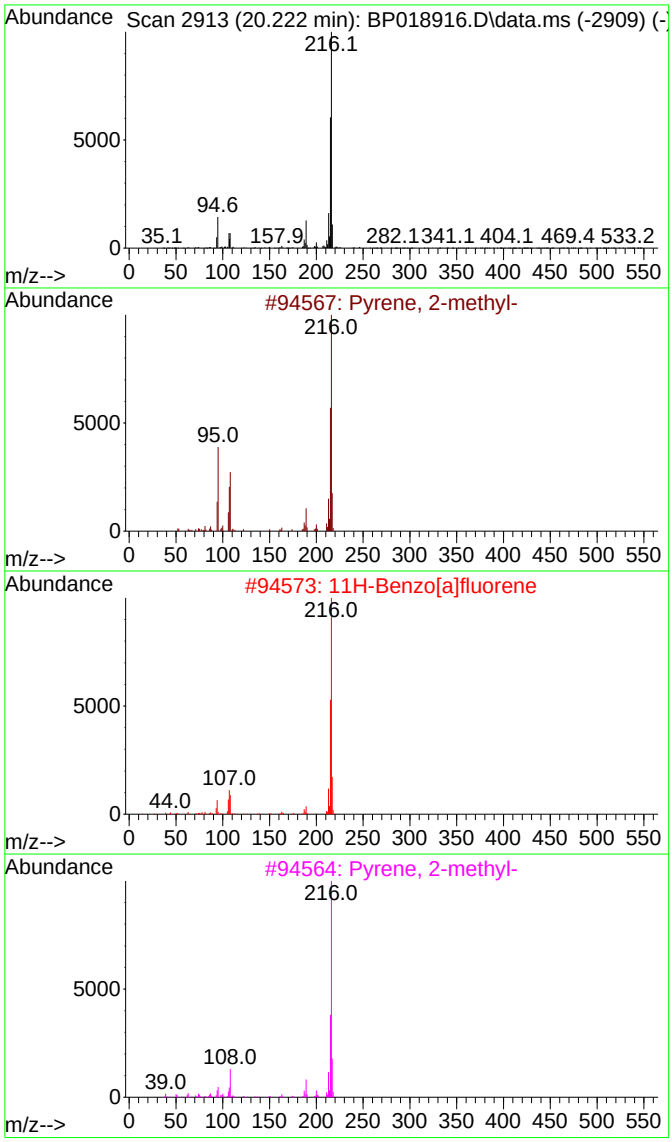
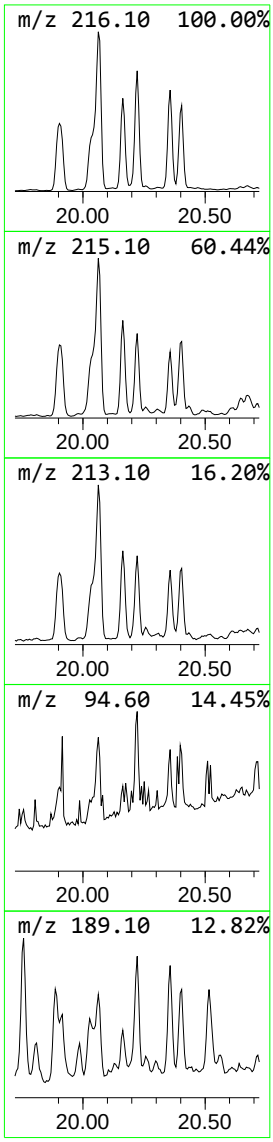
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.222	2.40 ng/ul	1463810	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	76





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Data File : BP018916.D
Acq On : 18 Dec 2023 20:26
Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

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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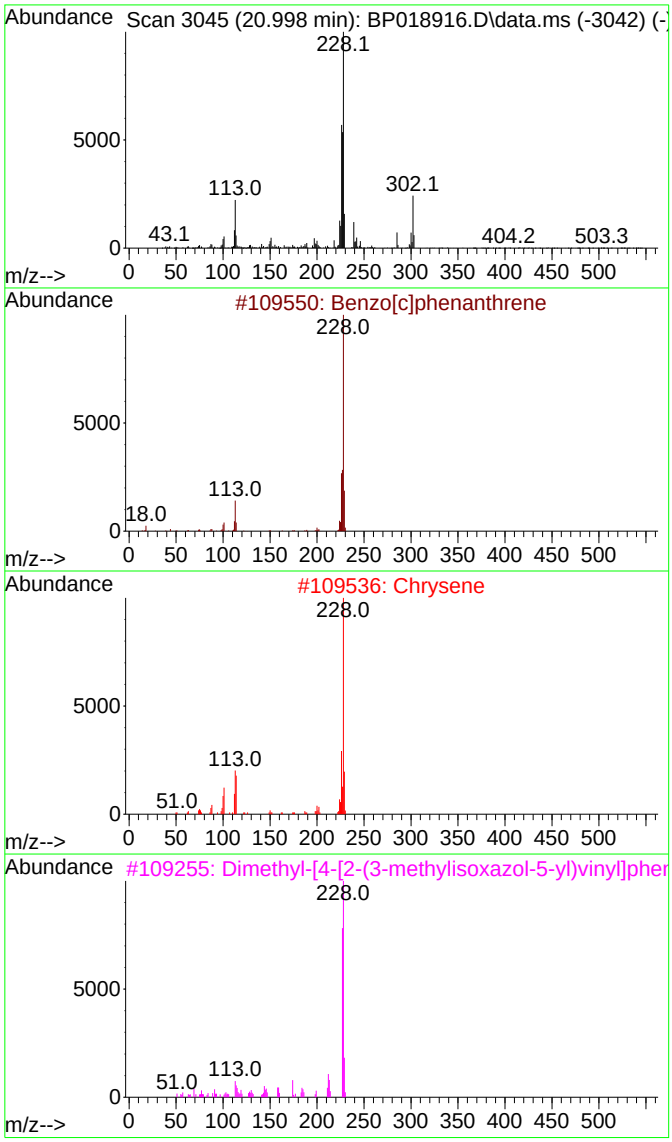
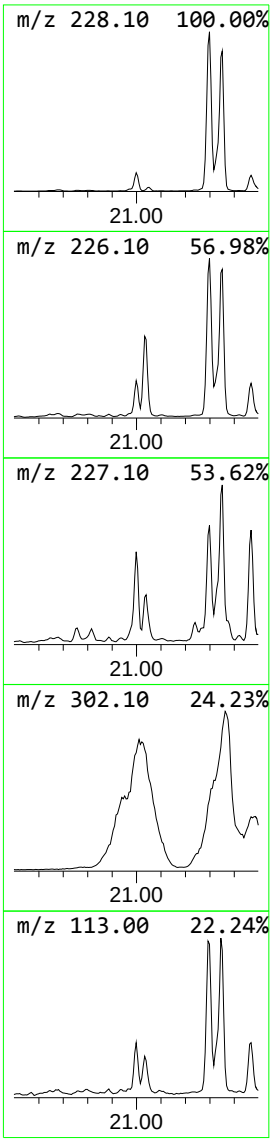
Peak Number 19 Benzo[c]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.998	2.20 ng/ul	1340820	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
2	Chrysene	228	C18H12	000218-01-9	45
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	43
4	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	43
5	Triphenylene	228	C18H12	000217-59-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018916.D
Acq On : 18 Dec 2023 20:26
Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

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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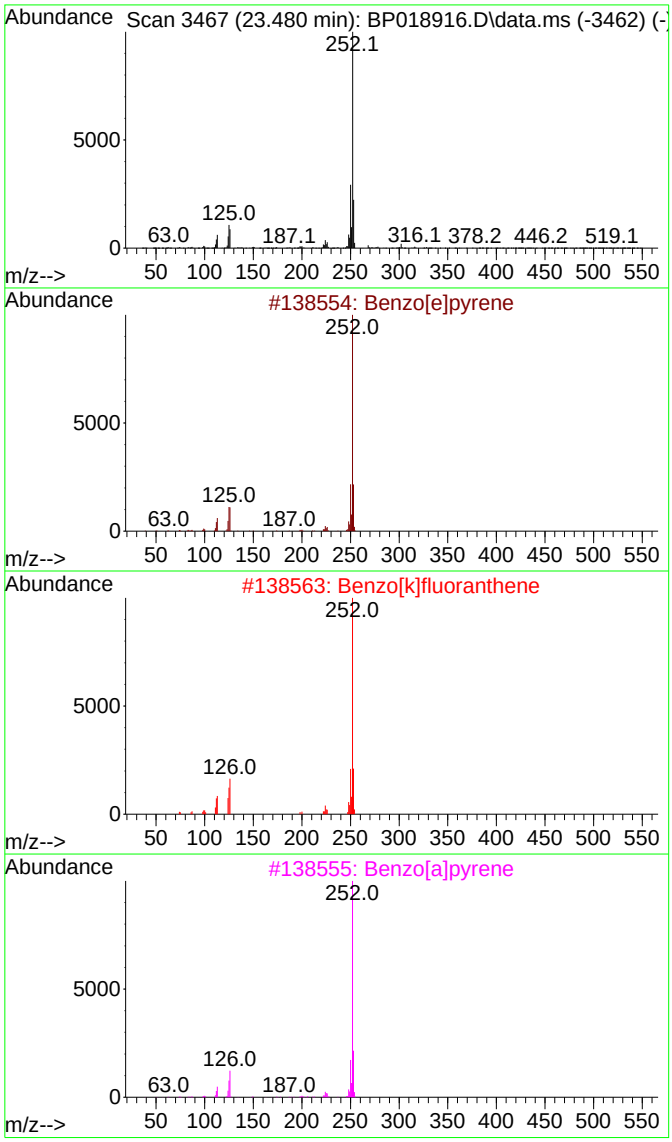
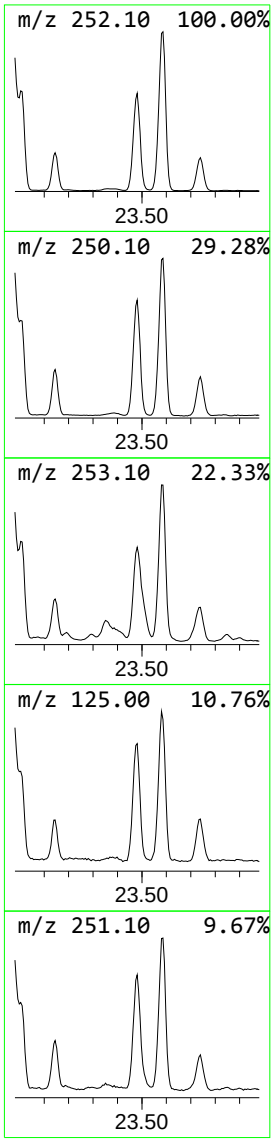
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.480	44.68 ng/ul	4528770	Perylene-d12	23.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018916.D
Acq On : 18 Dec 2023 20:26
Operator : MA/JU
Sample : 05794-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG5

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	3.787	2.3	ng/ul	152731	1	7.828	1306990	20.0
9H-Fluoren-9-one	16.869	2.5	ng/ul	369600	4	17.216	2985970	20.0
Dibenzothiophene	17.034	2.8	ng/ul	424247	4	17.216	2985970	20.0
Acridine	17.410	2.3	ng/ul	344343	4	17.216	2985970	20.0
2-Methyldibenzo...	17.792	2.1	ng/ul	318630	4	17.216	2985970	20.0
1H-Cyclopropa[l...	18.086	9.7	ng/ul	1450790	4	17.216	2985970	20.0
4H-Cyclopenta[d...	18.275	16.8	ng/ul	2506290	4	17.216	2985970	20.0
Phenanthrene, 1...	18.310	6.7	ng/ul	1002370	4	17.216	2985970	20.0
Naphthalene, 2-...	18.569	5.8	ng/ul	862585	4	17.216	2985970	20.0
9,10-Anthracene...	18.610	3.8	ng/ul	562612	4	17.216	2985970	20.0
Phenanthrene, 4...	18.804	2.5	ng/ul	372044	4	17.216	2985970	20.0
Phenanthrene, 3...	18.857	2.2	ng/ul	331665	4	17.216	2985970	20.0
Phenanthrene, 2...	18.892	2.3	ng/ul	341992	4	17.216	2985970	20.0
Phenanthrene, 2...	18.975	9.0	ng/ul	1337950	4	17.216	2985970	20.0
Cyclopenta(def)...	19.110	7.9	ng/ul	1183360	4	17.216	2985970	20.0
Pyrene, 1-methyl-	19.898	3.0	ng/ul	1827440	5	21.310	12199300	20.0
11H-Benzo[b]flu...	20.063	3.3	ng/ul	2039520	5	21.310	12199300	20.0
Pyrene, 2-methyl-	20.222	2.4	ng/ul	1463810	5	21.310	12199300	20.0
Benzo[c]phenant...	20.998	2.2	ng/ul	1340820	5	21.310	12199300	20.0
Benzo[e]pyrene	23.480	44.7	ng/ul	4528770	6	23.686	2027270	20.0