LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061480.D
Acq On : 5 Jun 2024 8:39
Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6DL

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_G\Methods\SFAM-EPA-BG052124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061480.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.073	8	14	35	rVB	926935	1481789	76.49%	5.654%
2	3.743	123	128	137	rVB	30846	54024	2.79%	0.206%
3	7.063	687	693	703	rVB	73048	125275	6.47%	0.478%
4	7.204	711	717	724	rBV	52172	80397	4.15%	0.307%
5	7.415	746	753	758	rBV	69634	116661	6.02%	0.445%
6	7.874	822	831	838	rBV	141705	237348	12.25%	0.906%
7	8.596	948	954	962	rBV	88272	151684	7.83%	0.579%
8	9.031	1021	1028	1036	rBV	83288	142073	7.33%	0.542%
9	9.754	1145	1151	1160	rVB	71902	120132	6.20%	0.458%
10	10.306	1239	1245	1253	rBV	99468	172605	8.91%	0.659%
11	10.665	1297	1306	1312	rVV	179657	318455	16.44%	1.215%
12	10.717	1312	1315	1323	rVB	19697	29673	1.53%	0.113%
13	10.811	1323	1331	1340	rBV	28070	53133	2.74%	0.203%
14	12.327	1583	1589	1596	rBV	18231	28109	1.45%	0.107%
15	13.338	1756	1761	1769	rVB2	12962	21941	1.13%	0.084%
16	13.831	1839	1845	1850	rVV3	15608	27616	1.43%	0.105%
17	13.914	1850	1859	1865	rVV	200731	308520	15.93%	1.177%
18	14.202	1901	1908	1926	rBV	197042	337308	17.41%	1.287%
19	14.507	1949	1960	1967	rBV	290039	465393	24.02%	1.776%
20	14.572	1967	1971	1979	rVB2	19258	29480	1.52%	0.112%
21	14.760	1990	2003	2009	rBV3	45412	106633	5.50%	0.407%
22	14.907	2024	2028	2036	rVB	35412	57531	2.97%	0.220%
23	15.506	2122	2130	2135	rBV	255583	382060	19.72%	1.458%
24	15.559	2135	2139	2143	rVB2	25050	34555	1.78%	0.132%
25	15.653	2149	2155	2163	rBV	62946	107634	5.56%	0.411%
26	15.853	2184	2189	2197	rVB4	18299	35523	1.83%	0.136%
27	16.005	2210	2215	2222	rVB2	20838	42309	2.18%	0.161%
28	16.240	2244	2255	2261	rBV7	26458	67291	3.47%	0.257%
29	16.569	2301	2311	2315	rBV5	15219	38129	1.97%	0.145%
30	16.799	2340	2350	2353	rBV7	20499	42437	2.19%	0.162%
31	16.916	2365	2370	2376	rBV	48977	78385	4.05%	0.299%
32	17.016	2377	2387	2390	rBV7	20698	49624	2.56%	0.189%
33	17.081	2393	2398	2408	rVB	33087	60944	3.15%	0.233%
34	17.263	2418	2429	2432	rBV	384111	577814	29.83%	2.205%
35	17.304	2432	2436	2441	rVV	521231	776443	40.08%	2.963%
36	17.363	2441	2446	2450	rVV2	278358	454376	23.46%	1.734%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6DL

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_G\Methods\SFAM-EPA-BG052124.MA.M
Title : SVOA CALIBRATION

37	17.392	2450	2451	2456	rVB	75911	79325	4.09%	0.303%
38	17.451	2456	2461	2466	rBV4	20818	37627	1.94%	0.144%
39	17.574	2478	2482	2487	rVB5	14187	23848	1.23%	0.091%
40	17.668	2487	2498	2502	rBV2	51691	101723	5.25%	0.388%
41	17.774	2514	2516	2523	rVB4	20590	27595	1.42%	0.105%
42	17.844	2523	2528	2536	rVB4	29911	48965	2.53%	0.187%
43	17.950	2538	2546	2548	rBV8	11518	23574	1.22%	0.090%
44	18.138	2569	2578	2582	rBV	107650	196078	10.12%	0.748%
45	18.185	2582	2586	2593	rVB	154536	233251	12.04%	0.890%
46	18.267	2596	2600	2604	rVB	32732	45744	2.36%	0.175%
47	18.332	2604	2611	2615	rBV2	145110	274421	14.17%	1.047%
48	18.373	2615	2618	2623	rVB	81645	109847	5.67%	0.419%
49	18.444	2626	2630	2635	rBV3	29305	45936	2.37%	0.175%
50	18.485	2635	2637	2641	rBV3	16839	21912	1.13%	0.084%
51	18.532	2642	2645	2651	rVB5	21414	26655	1.38%	0.102%
52	18.638	2658	2663	2667	rBV	86813	115019	5.94%	0.439%
53	18.685	2667	2671	2676	rVB	105196	146281	7.55%	0.558%
54	18.884	2701	2705	2710	rVB3	37517	50525	2.61%	0.193%
55	18.937	2710	2714	2717	rBV	36376	39860	2.06%	0.152%
56	18.972	2717	2720	2724	rVB	36790	46754	2.41%	0.178%
57	19.055	2729	2734	2741	rBV2	98257	203273	10.49%	0.776%
58	19.149	2748	2750	2753	rVB	33076	34793	1.80%	0.133%
59	19.202	2754	2759	2768	rBV2	92003	173109	8.94%	0.661%
60	19.325	2773	2780	2785	rBV	1287006	1743161	89.99%	6.651%
61	19.372	2785	2788	2793	rBV3	71473	99627	5.14%	0.380%
62	19.419	2793	2796	2800	rBV2	39201	47856	2.47%	0.183%
63	19.472	2802	2805	2808	rVB	23949	23664	1.22%	0.090%
64	19.525	2811	2814	2817	rBV2	22065	28780	1.49%	0.110%
65	19.560	2817	2820	2825	rVV	46200	61449	3.17%	0.234%
66	19.654	2831	2836	2838	rBV2	525444	765861	39.54%	2.922%
67	19.689	2838	2842	2849	rVV	1140984	1619089	83.58%	6.178%
68	19.754	2849	2853	2860	rVB2	79834	136339	7.04%	0.520%
69	19.866	2867	2872	2877	rVB	64161	109461	5.65%	0.418%
70	19.924	2878	2882	2886	rVB3	64688	100518	5.19%	0.384%
71	20.018	2890	2898	2903	rBV2	113585	310342	16.02%	1.184%
72	20.142	2914	2919	2921	rBV3	95719	160915	8.31%	0.614%
73	20.177	2922	2925	2931	rVB	187897	280487	14.48%	1.070%
74	20.277	2938	2942	2946	rBV	114347	145435	7.51%	0.555%
75	20.336	2946	2952	2956	rVV2	146864	244404	12.62%	0.933%
76	20.424	2963	2967	2971	rBV4	27742	51636	2.67%	0.197%

LSC Area Percent Report

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Data File : BG061480.D
Acq On : 5 Jun 2024 8:39
Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6DL

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_G\Methods\SFAM-EPA-BG052124.MA.M
Title : SVOA CALIBRATION

77	20.477	2972	2976	2979	rVV	105811	141323	7.30%	0.539%
78	20.524	2981	2984	2987	rVB	80706	106409	5.49%	0.406%
79	20.935	3050	3054	3060	rVB	180227	251219	12.97%	0.959%
80	21.111	3078	3084	3087	rBV2	132215	241346	12.46%	0.921%
81	21.152	3087	3091	3094	rVV	128815	197897	10.22%	0.755%
82	21.199	3095	3099	3104	rVV2	135697	283308	14.63%	1.081%
83	21.258	3106	3109	3116	rVB	145640	237515	12.26%	0.906%
84	21.511	3145	3152	3158	rBV3	742569	1937120	100.00%	7.391%
85	21.564	3158	3161	3173	rVB	669252	1077852	55.64%	4.113%
86	21.710	3182	3186	3193	rBV3	71105	154257	7.96%	0.589%
87	21.775	3195	3197	3203	rVV4	45456	79213	4.09%	0.302%
88	21.910	3216	3220	3226	rVB2	76308	143048	7.38%	0.546%
89	21.969	3228	3230	3237	rBV8	37425	65686	3.39%	0.251%
90	22.222	3270	3273	3279	rVB	130882	213926	11.04%	0.816%
91	22.292	3281	3285	3294	rVB3	87867	191774	9.90%	0.732%
92	22.486	3314	3318	3322	rBV3	91268	157452	8.13%	0.601%
93	23.643	3506	3515	3521	rBV	530786	1621429	83.70%	6.187%
94	23.878	3550	3555	3561	rBV	79934	187938	9.70%	0.717%
95	24.078	3584	3589	3590	rBV2	40844	64700	3.34%	0.247%
96	24.331	3625	3632	3639	rBV	266945	702971	36.29%	2.682%
97	24.401	3640	3644	3649	rVV2	189973	436776	22.55%	1.667%
98	24.472	3650	3656	3666	rVB	395248	1032131	53.28%	3.938%
99	24.613	3673	3680	3687	rBV	282239	680678	35.14%	2.597%
100	28.132	4270	4279	4299	rVB3	164257	754313	38.94%	2.878%

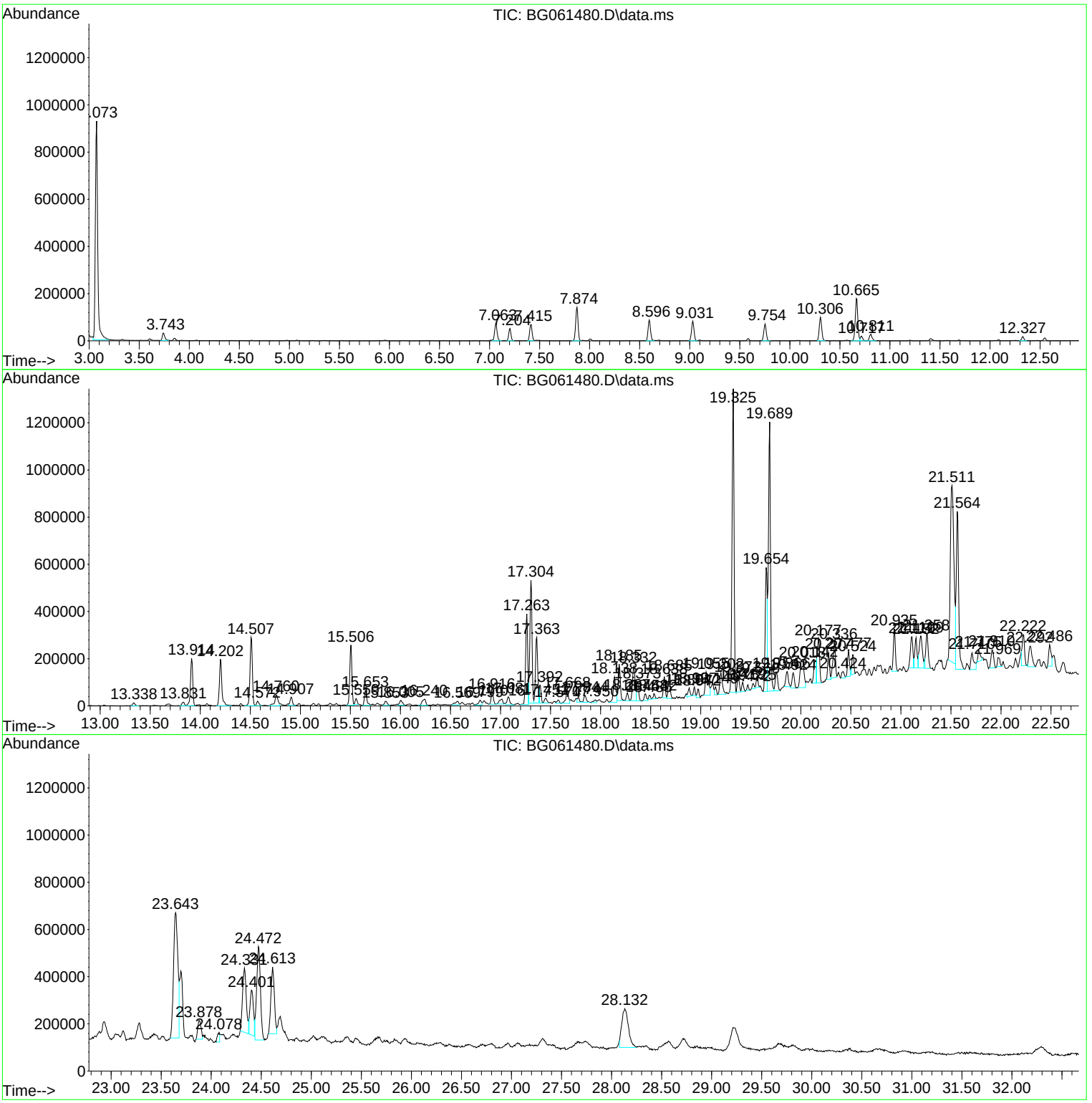
Sum of corrected areas: 26208724

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061480.D
Acq On : 5 Jun 2024 8:39
Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061480.D
Acq On : 5 Jun 2024 8:39
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Sample : P2577-08DL 2X
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6DL

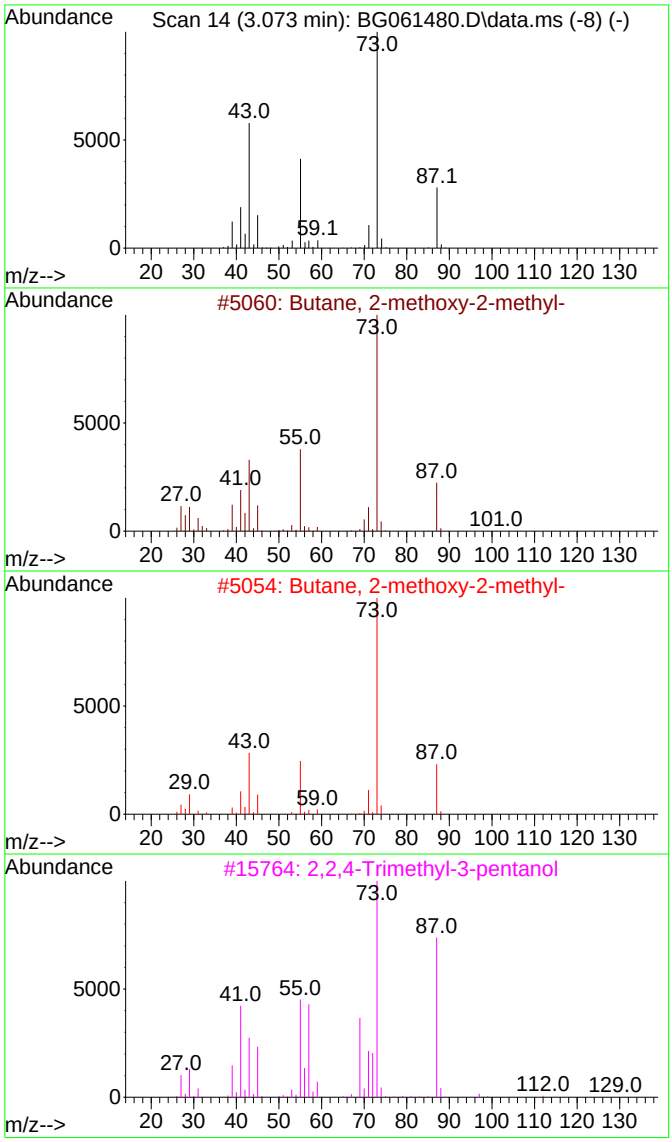
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

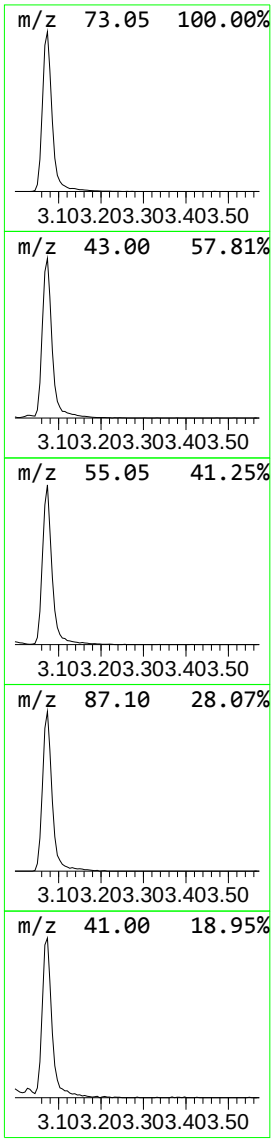
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.073	124.86 ng/ul	1481790	1,4-Dichlorobenzene-d4	7.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061480.D
Acq On : 5 Jun 2024 8:39
Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

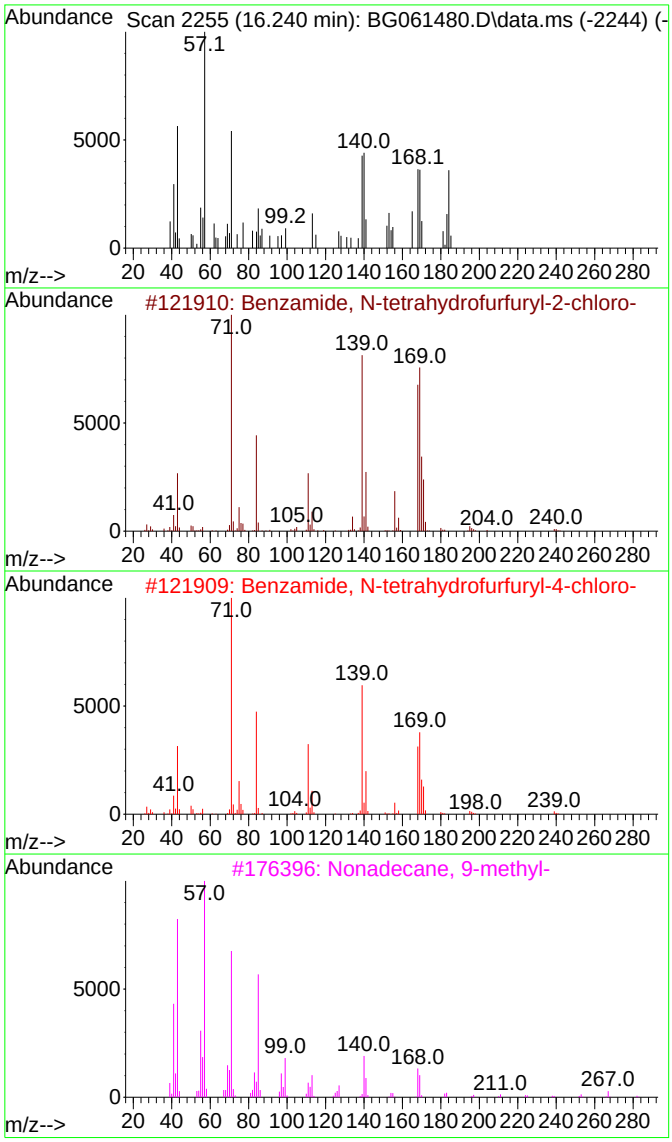
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

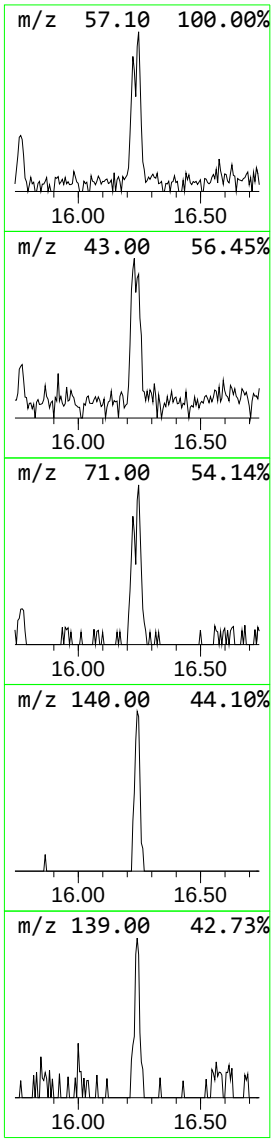
****

Peak Number 2 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.240	2.33 ng/ul	67291	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-tetrahydrofurfuryl-...	239	C12H14ClNO2	1010306-97-7	23
2	Benzamide, N-tetrahydrofurfuryl-...	239	C12H14ClNO2	1000307-39-4	17
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	14
4	5-Ethyldecane	170	C12H26	017302-36-2	10
5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061480.D
Acq On : 5 Jun 2024 8:39
Operator : MA/JU
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Instrument :
BNA_G
ClientSampleId :
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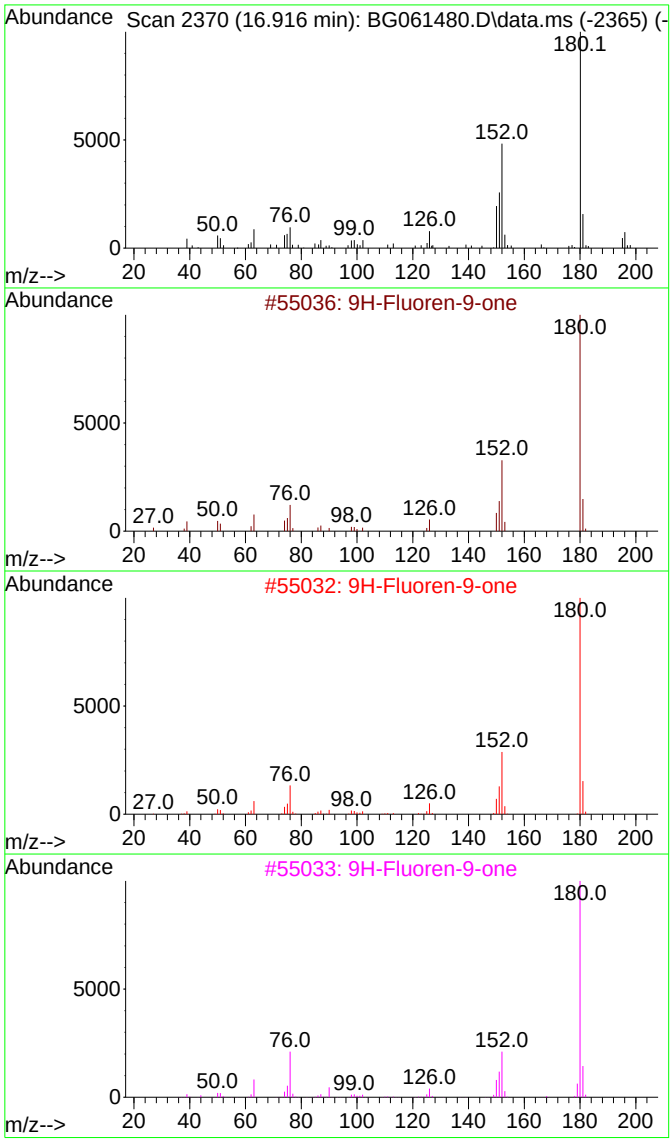
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

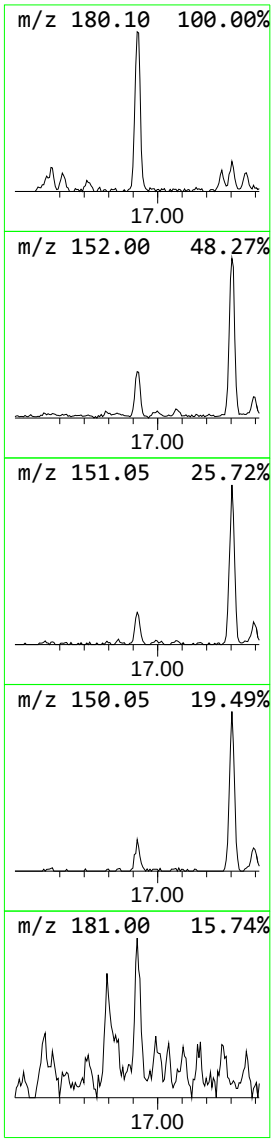
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.916	2.71 ng/ul	78385	Phenanthrene-d10	17.263

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	90
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061480.D
Acq On : 5 Jun 2024 8:39
Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

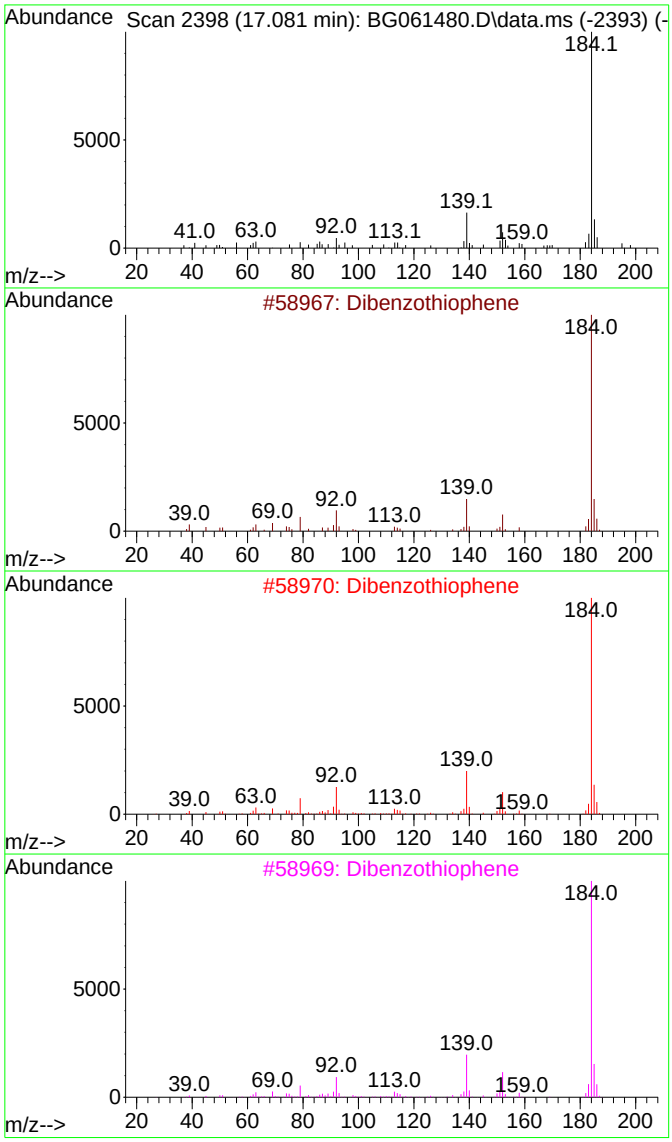
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

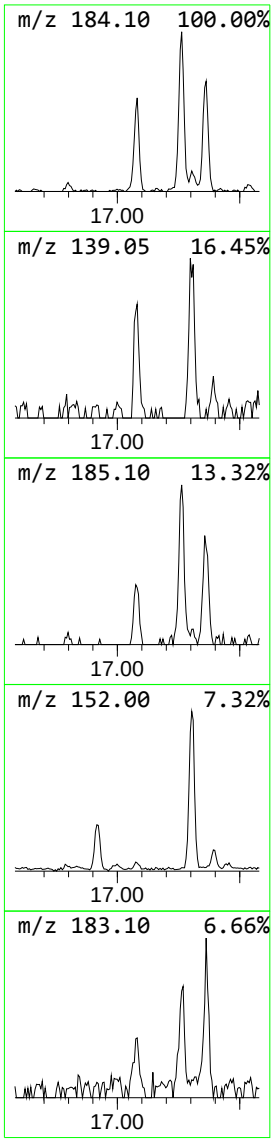
****

Peak Number 4 Dibenzothiophene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.081	2.11 ng/ul	60944	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	90
4	Dibenzothiophene	184	C12H8S	000132-65-0	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061480.D
Acq On : 5 Jun 2024 8:39
Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6DL

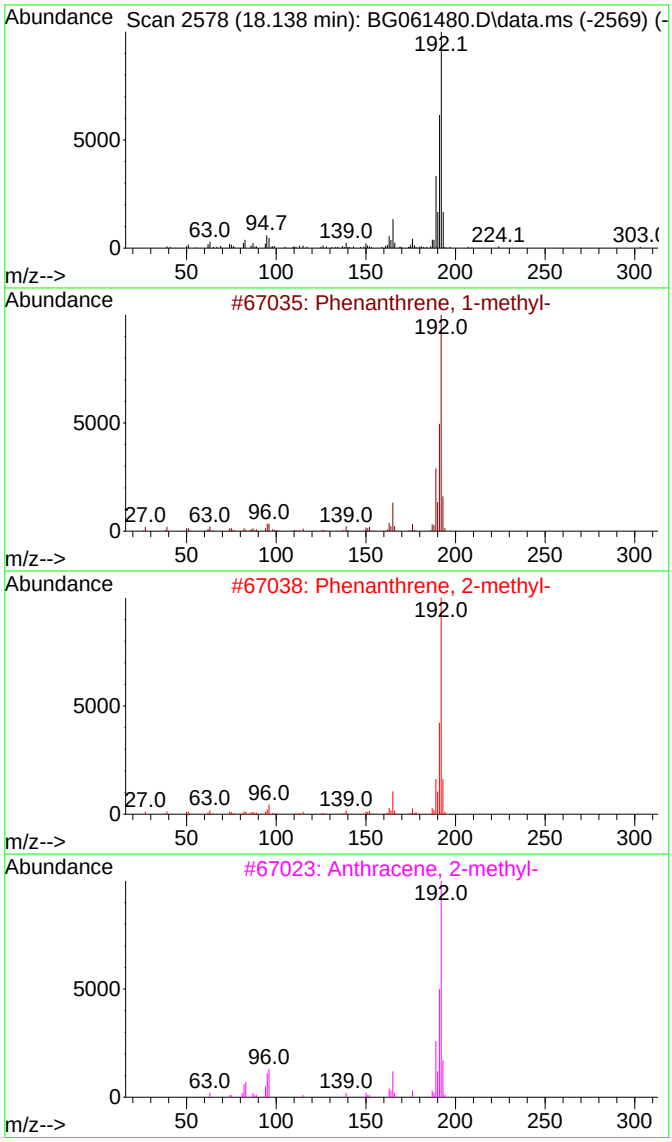
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

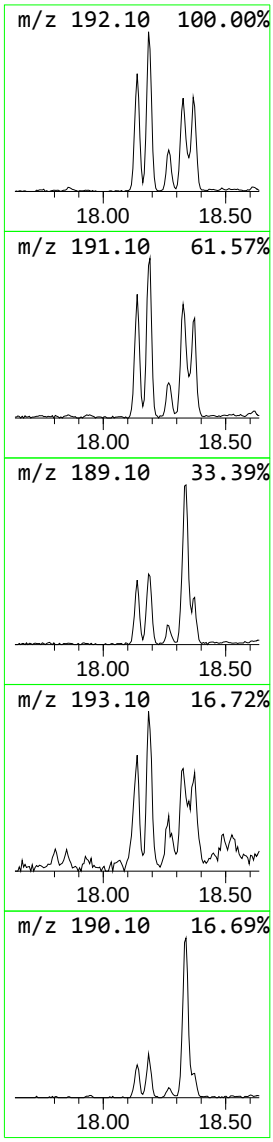
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.138	6.79 ng/ul	196078	Phenanthrene-d10	17.263

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	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Acq On : 5 Jun 2024 8:39
Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6DL

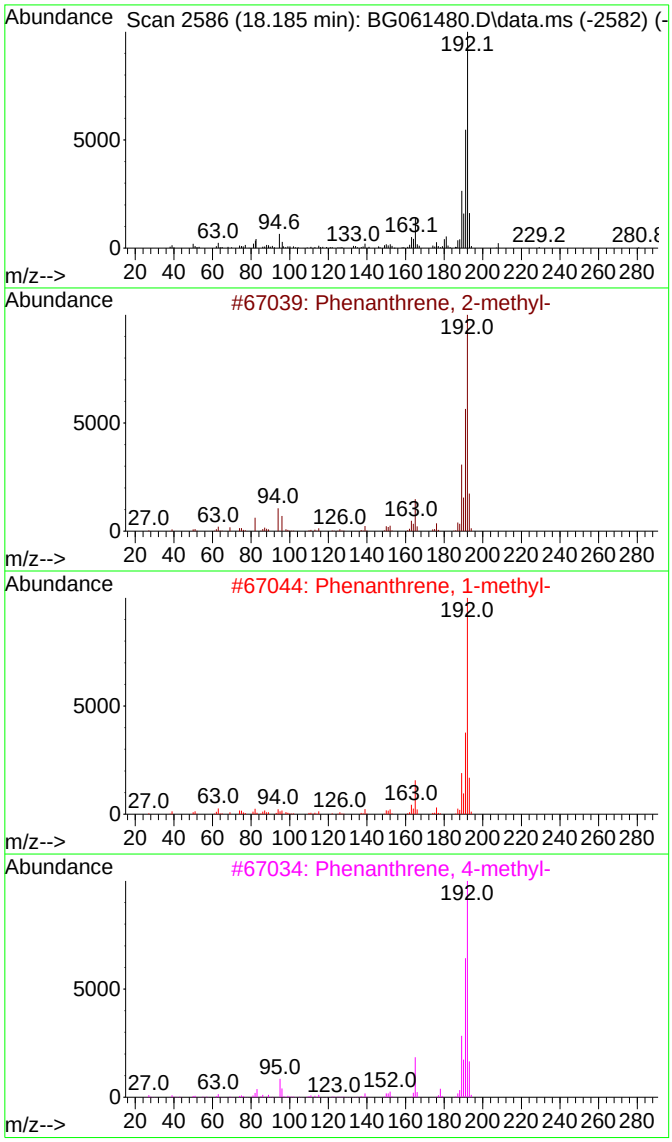
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

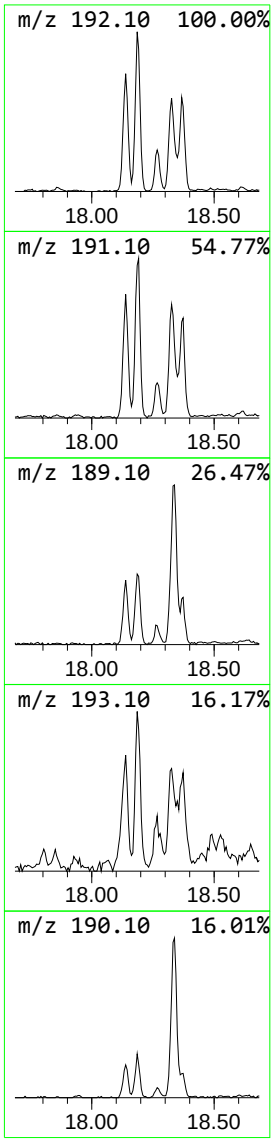
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.185	8.07 ng/ul	233251	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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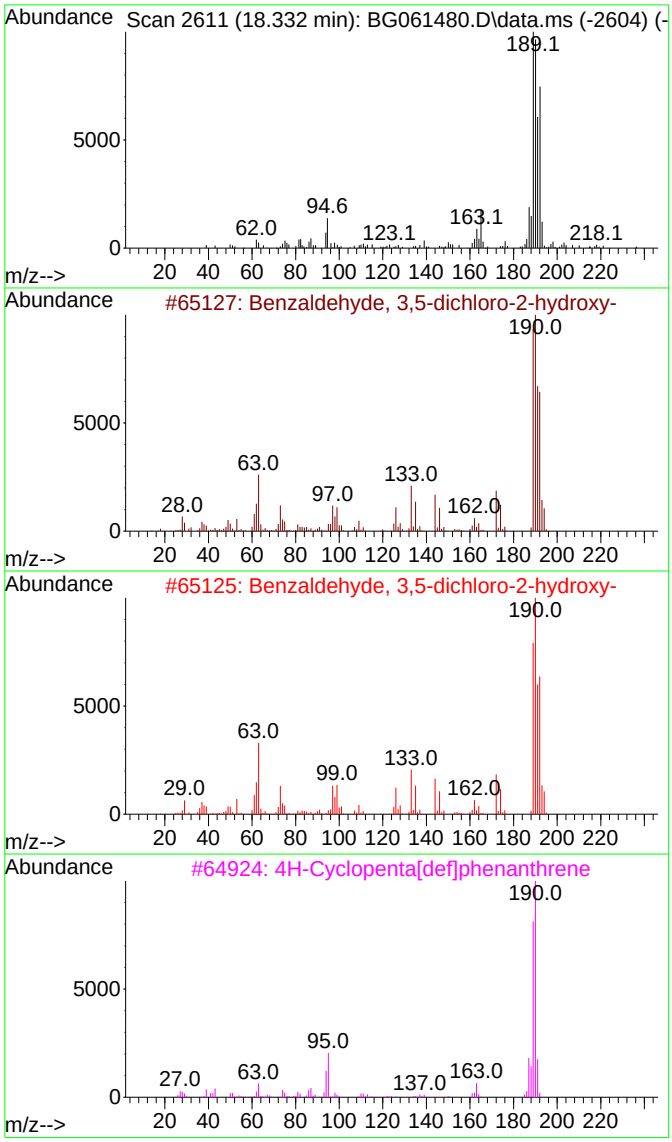
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

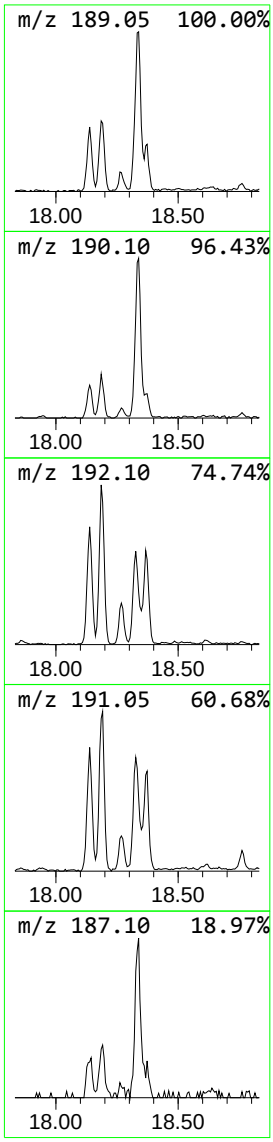
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.332	9.50 ng/ul	274421	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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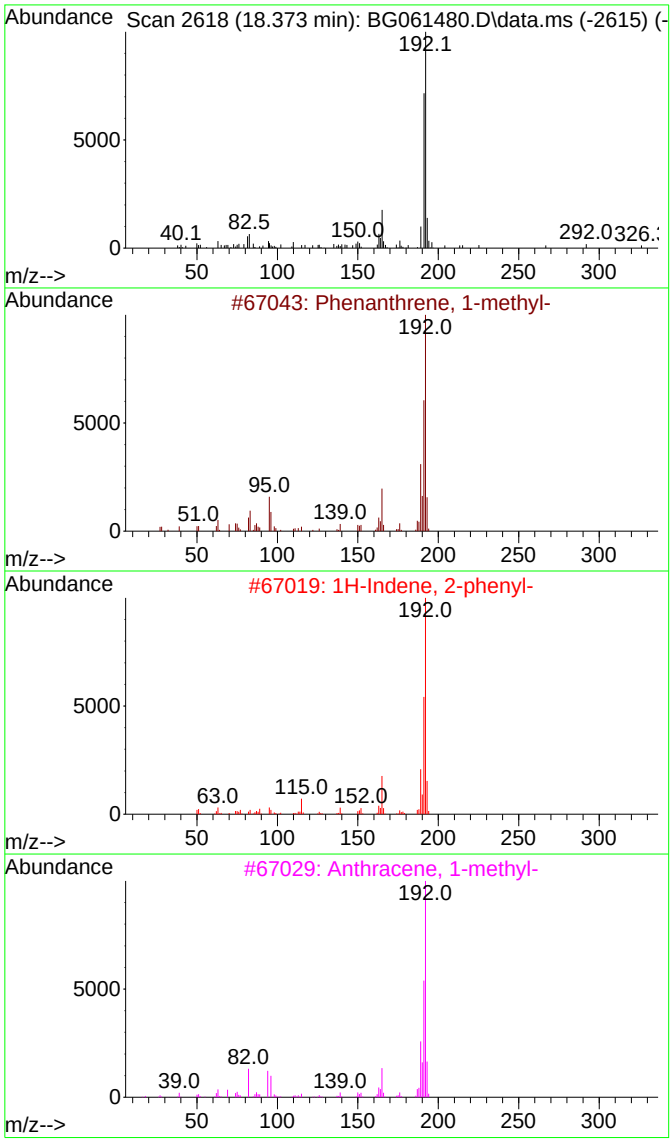
Quant Title : SVOA CALIBRATION

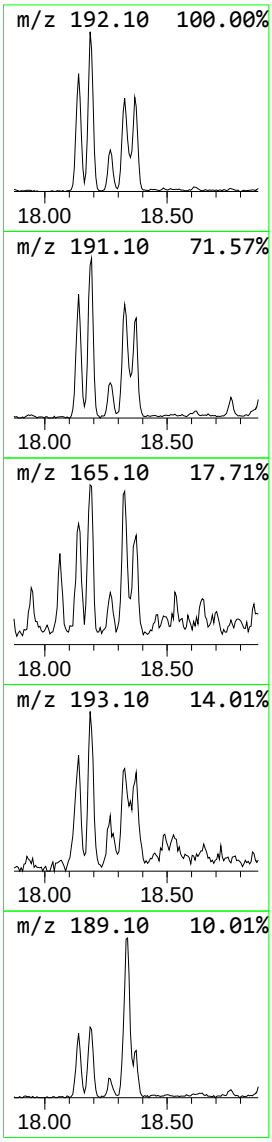
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.373	3.80 ng/ul	109847	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86





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Acq On : 5 Jun 2024 8:39
Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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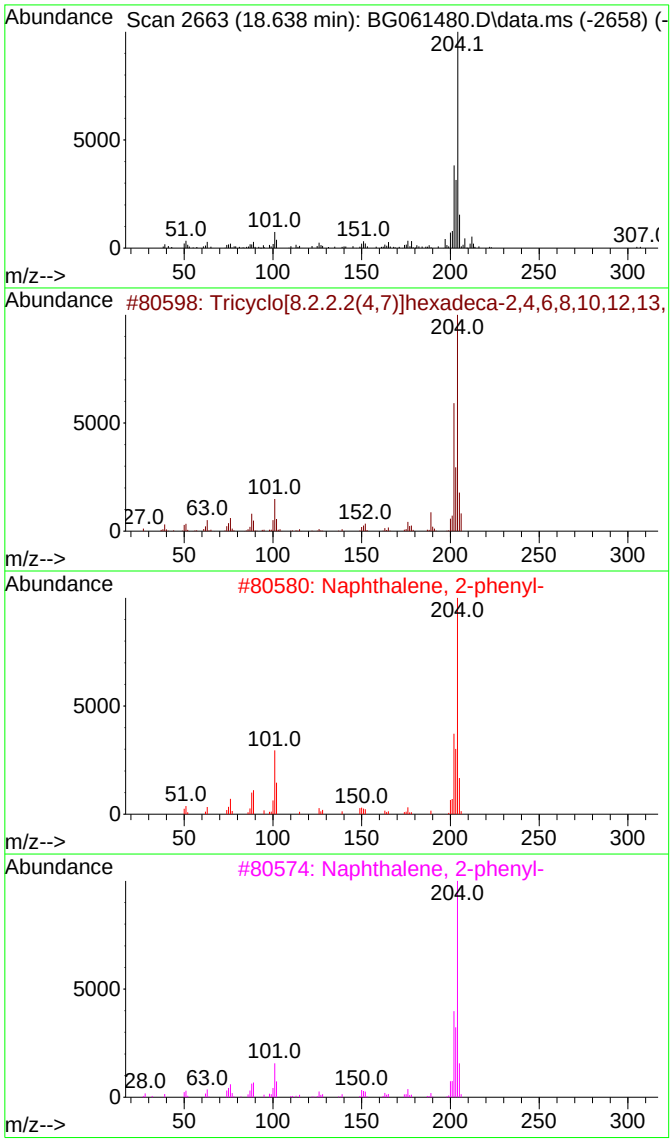
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

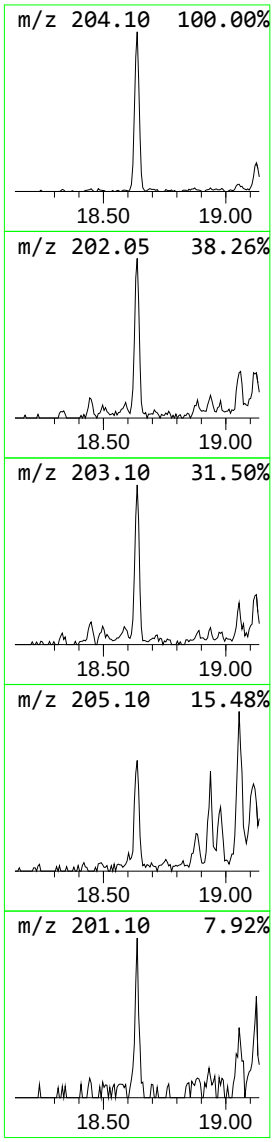
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.638	3.98 ng/ul	115019	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53





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Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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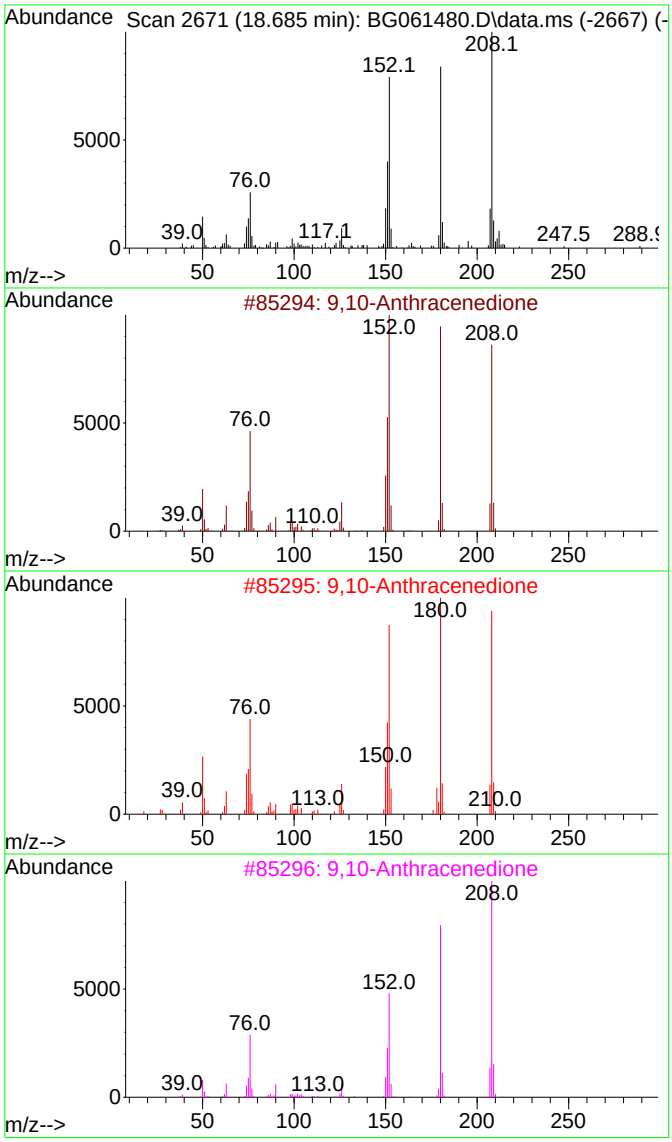
Quant Title : SVOA CALIBRATION

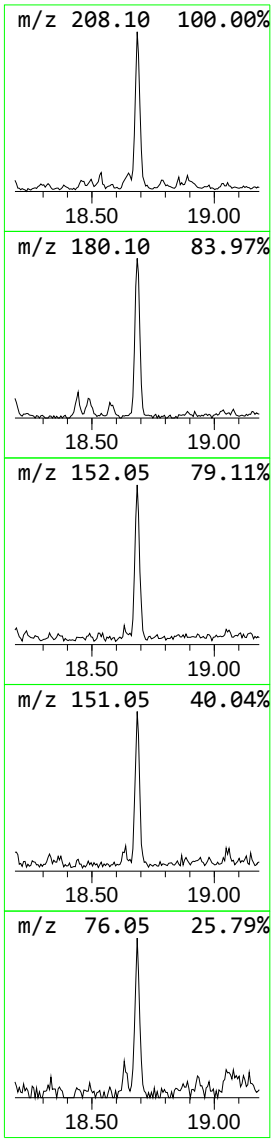
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.685	5.06 ng/ul	146281	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86





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Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.055	7.04 ng/ul	203273	Phenanthrene-d10	17.263

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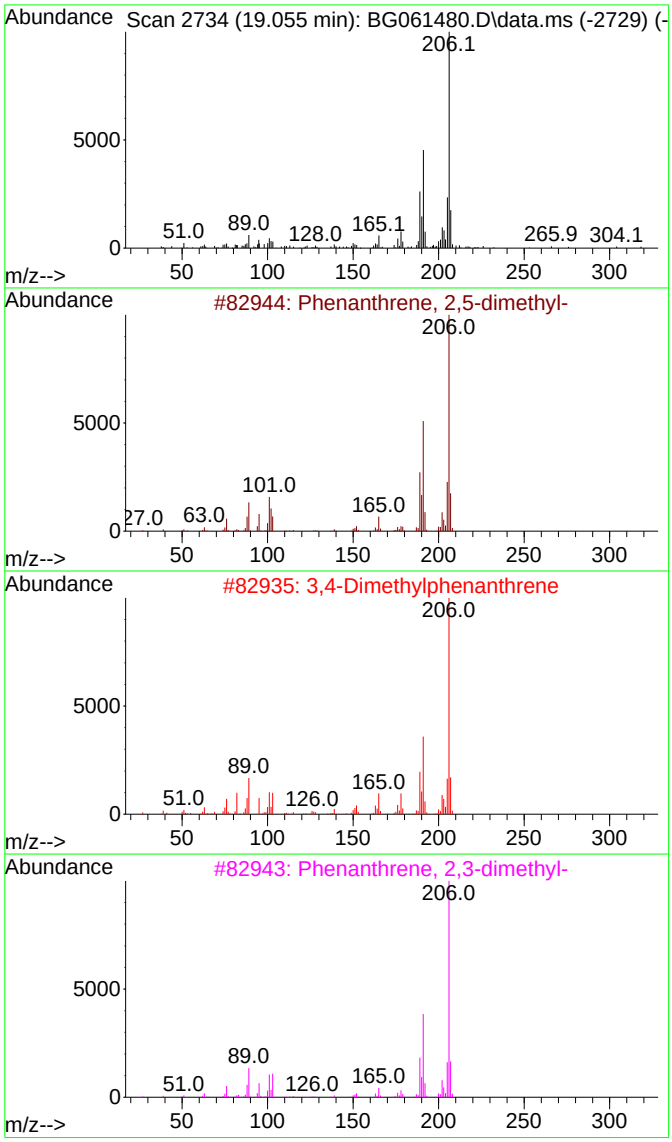

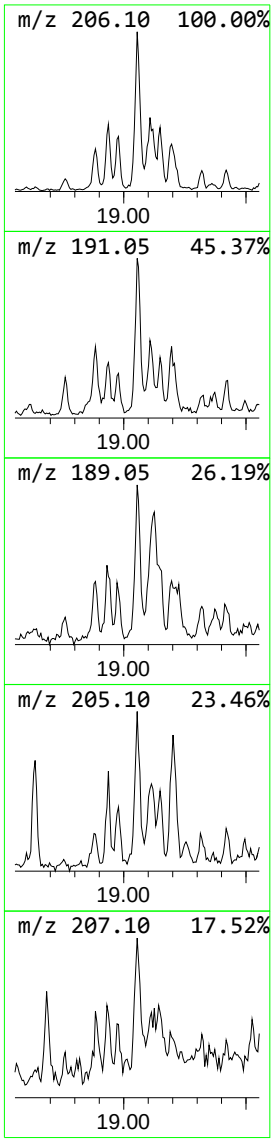

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Acq On : 5 Jun 2024 8:39
Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6DL

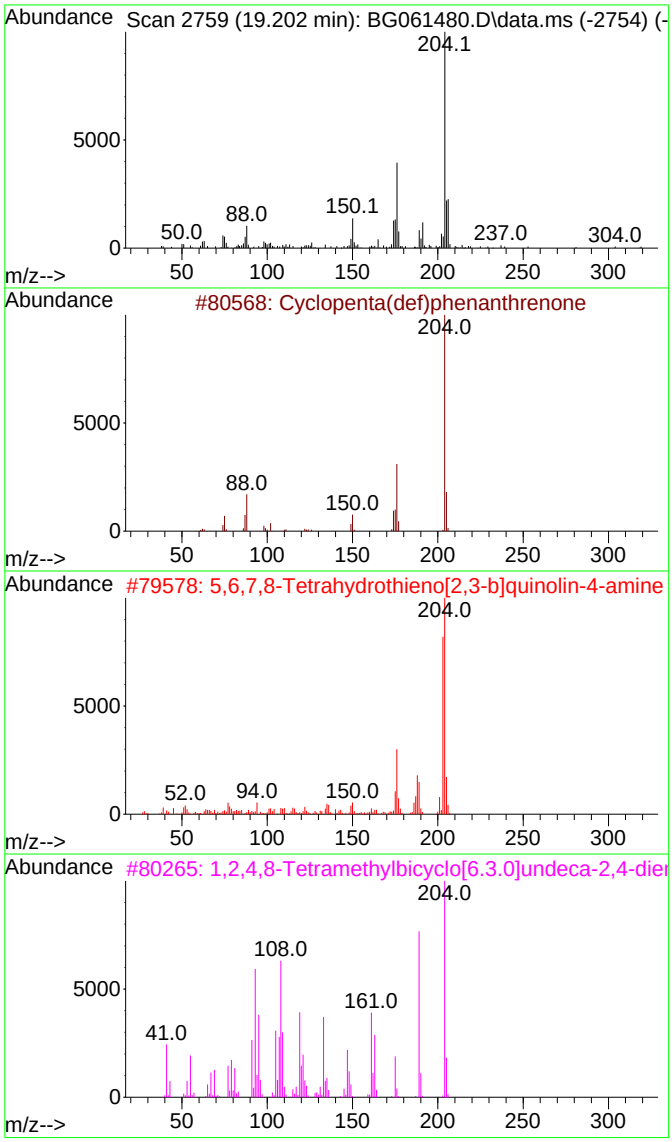
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

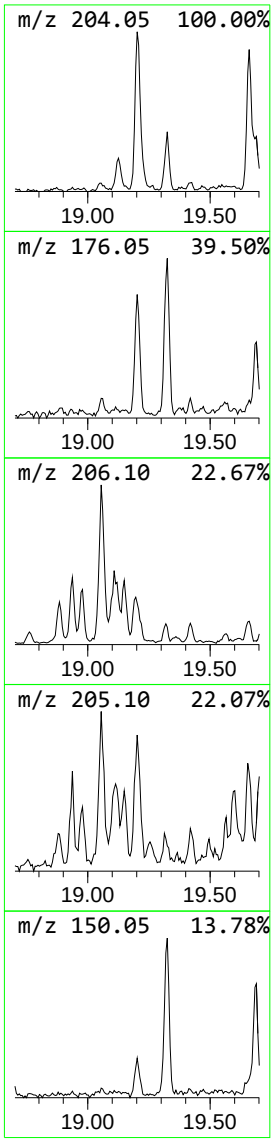
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.202	5.99 ng/ul	173109	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
4	1-(4-Methoxyphenyl)-5-methyl-2,3...	204	C11H12N2O2	014058-90-3	43
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





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Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

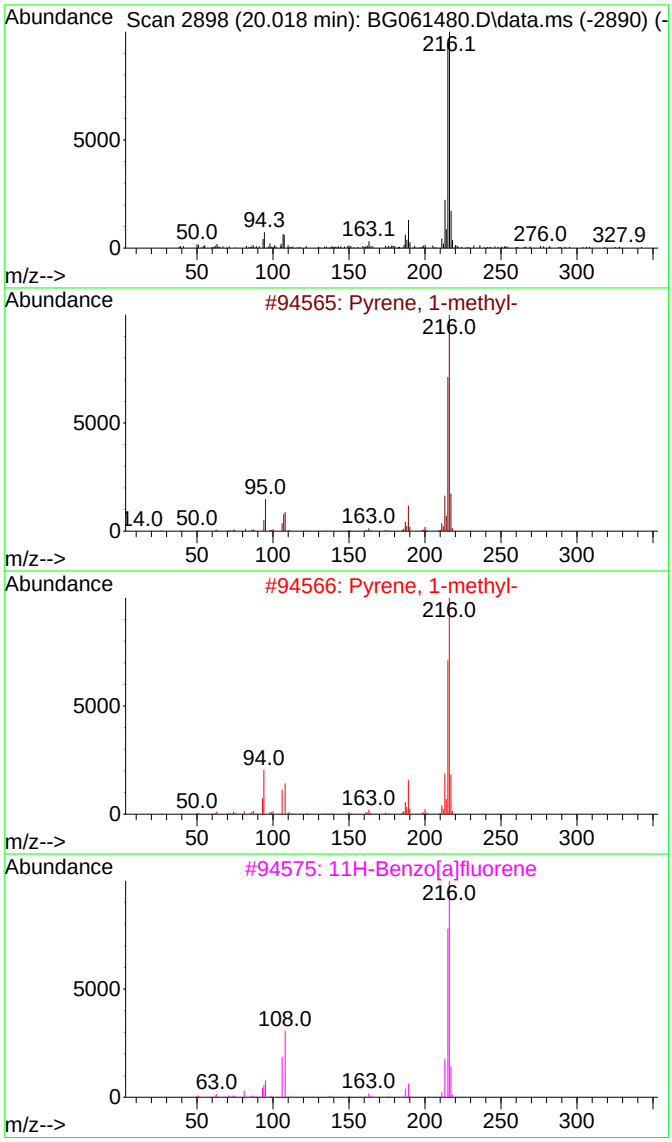
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

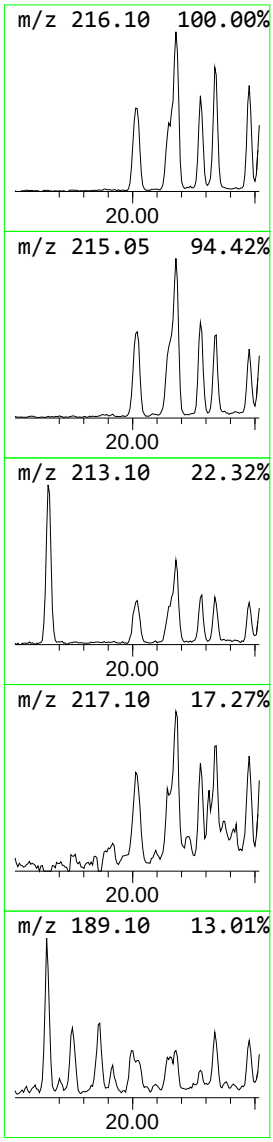
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.018	3.20 ng/ul	310342	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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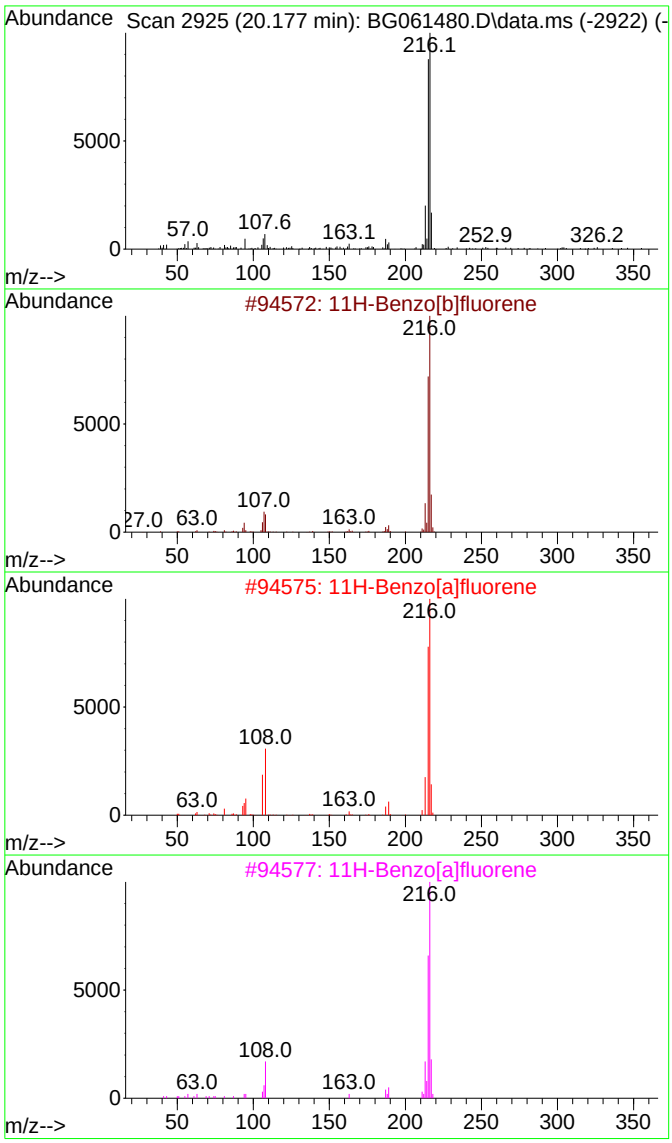
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

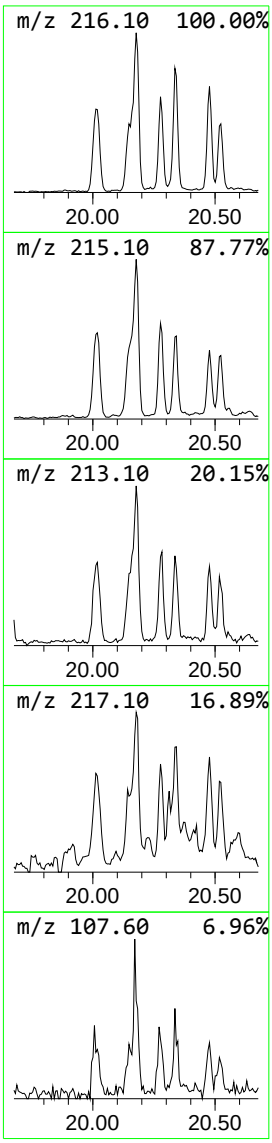
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.177	2.90 ng/ul	280487	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





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Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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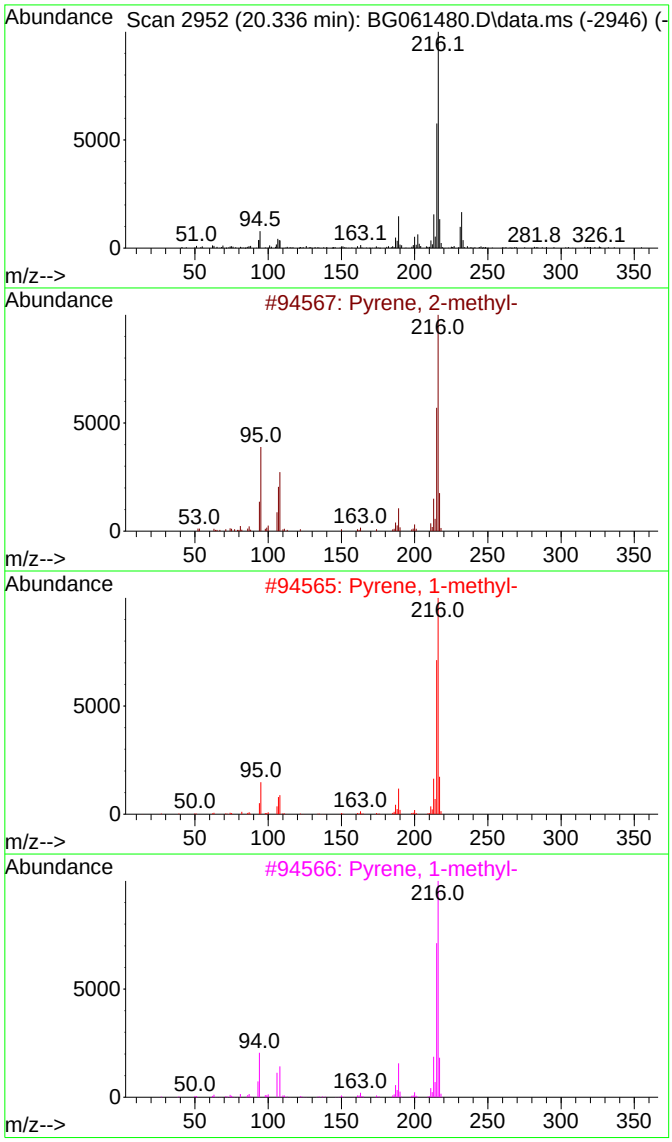
Quant Title : SVOA CALIBRATION

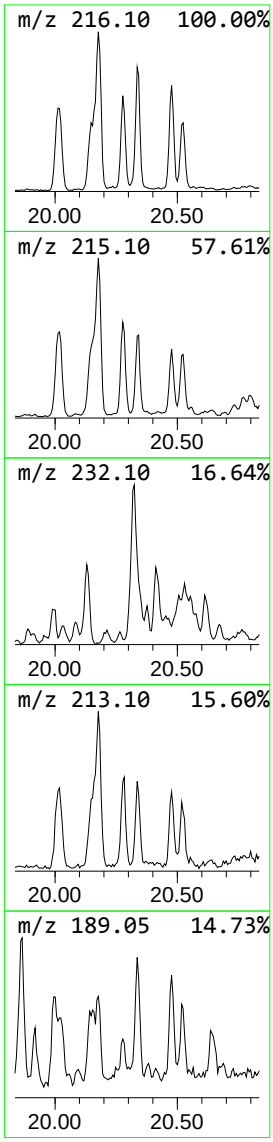
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.336	2.52 ng/ul	244404	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89





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Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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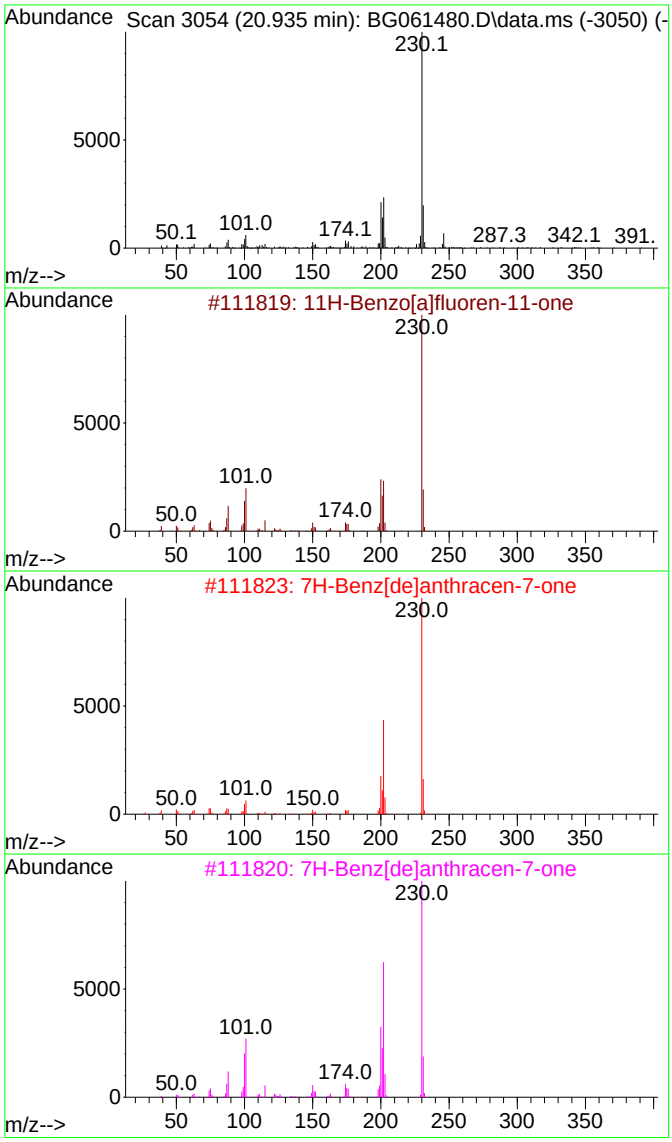
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

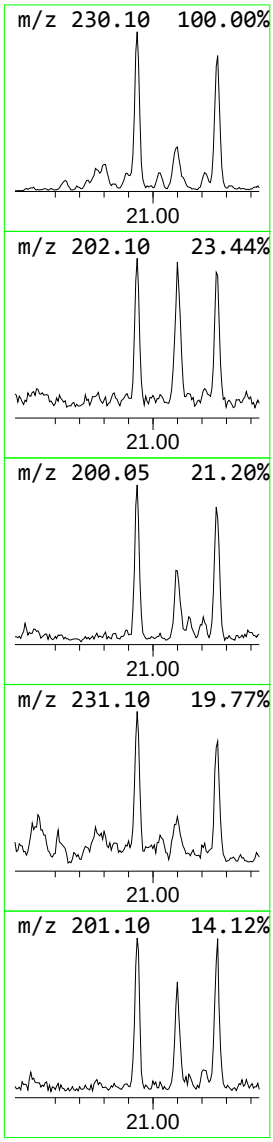
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.935	2.59 ng/ul	251219	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83





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Acq On : 5 Jun 2024 8:39
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6DL

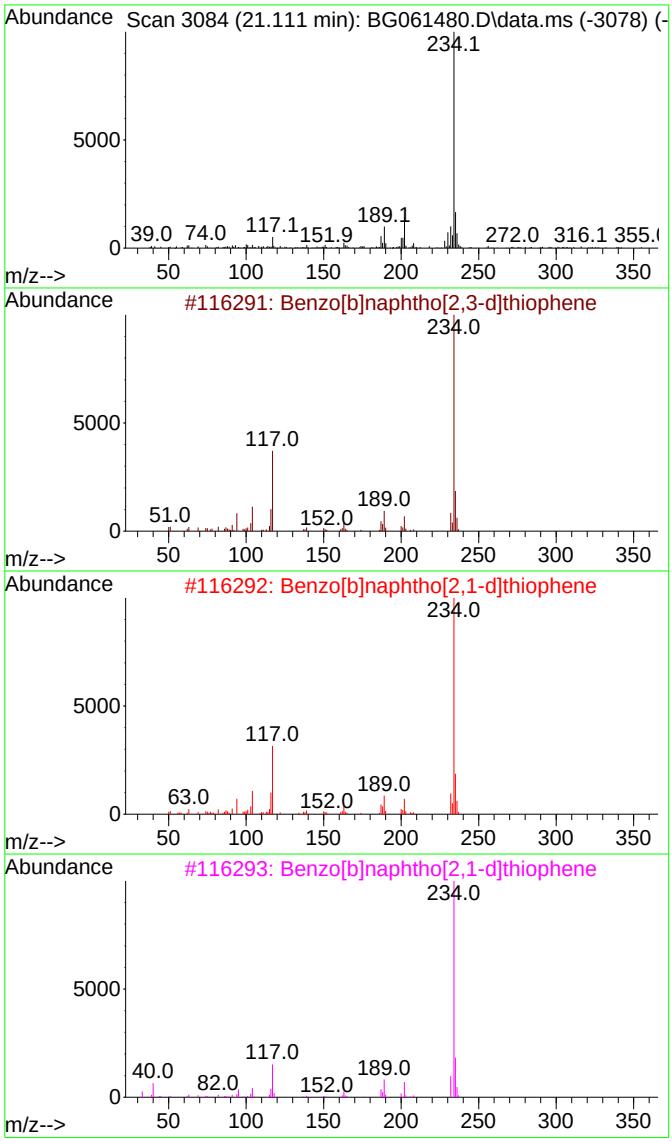
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

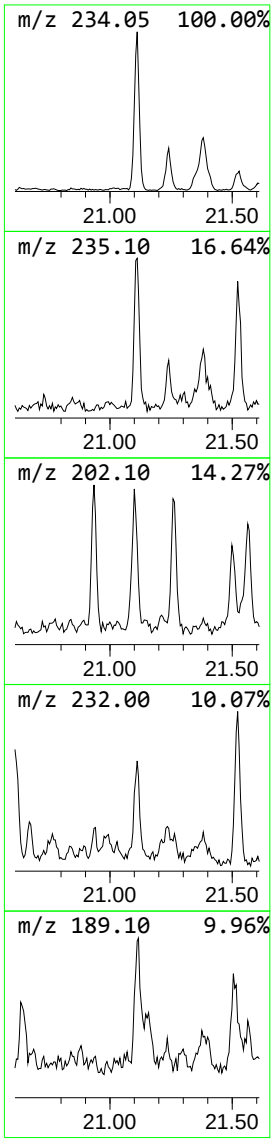
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.111	2.49 ng/ul	241346	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83





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Data File : BG061480.D
Acq On : 5 Jun 2024 8:39
Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6DL

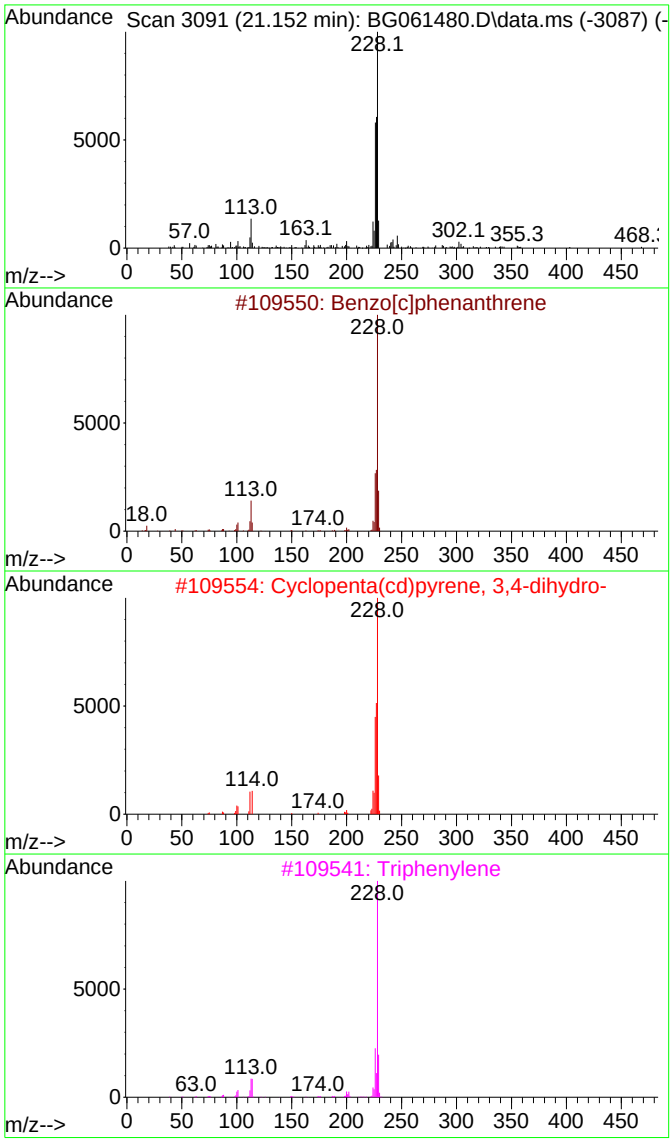
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

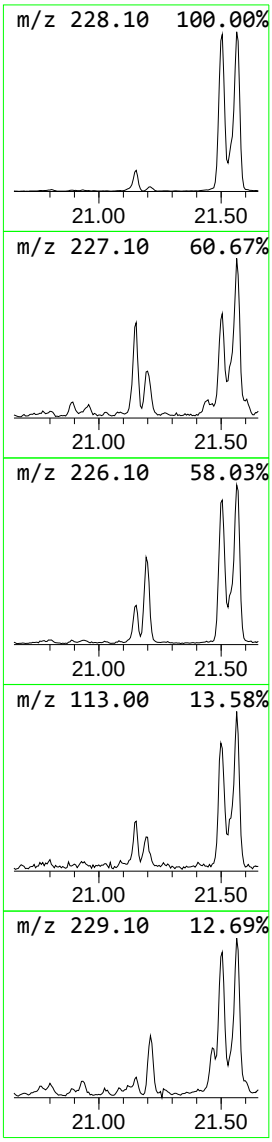
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzo[c]phenanthrene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.152	2.04 ng/ul	197897	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	43
3	Triphenylene	228	C18H12	000217-59-4	43
4	Triphenylene	228	C18H12	000217-59-4	38
5	Chrysene	228	C18H12	000218-01-9	38





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Data File : BG061480.D
Acq On : 5 Jun 2024 8:39
Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6DL

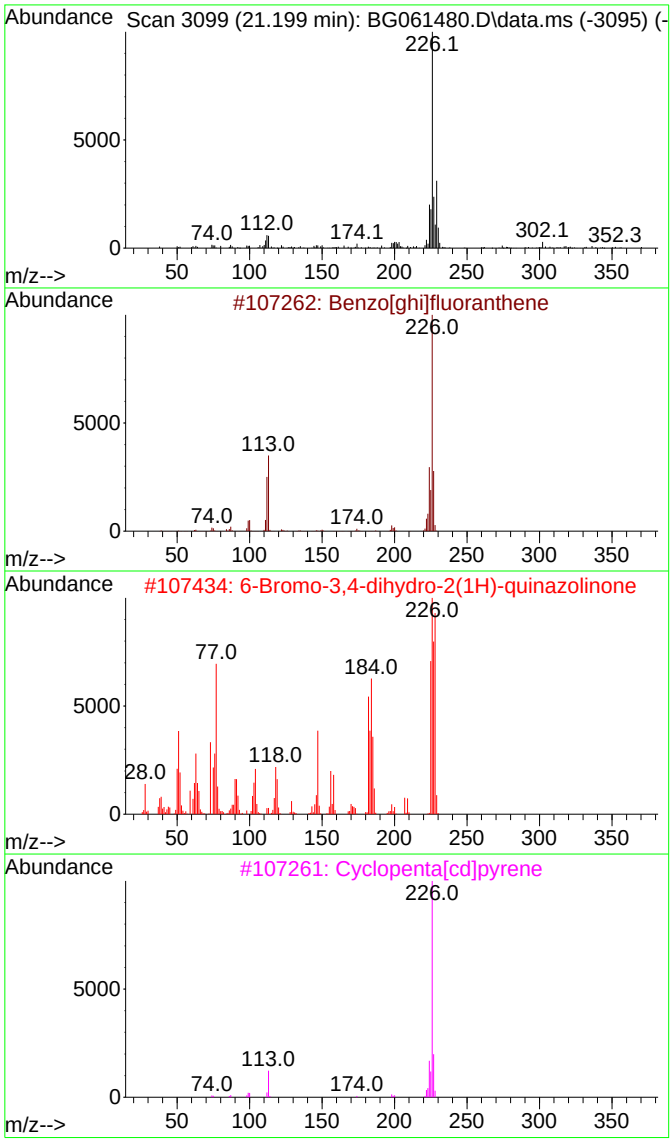
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

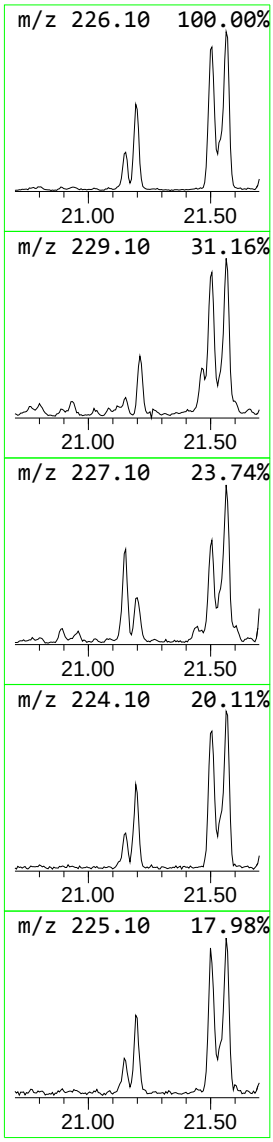
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzo[ghi]fluoranthene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.199	2.93 ng/ul	283308	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	58
2	6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	47
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	40
4	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	37
5	5-Bromo-6-methoxy-7-azaindole	226	C8H7BrN2O	1190321-63-1	37





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Data File : BG061480.D
Acq On : 5 Jun 2024 8:39
Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6DL

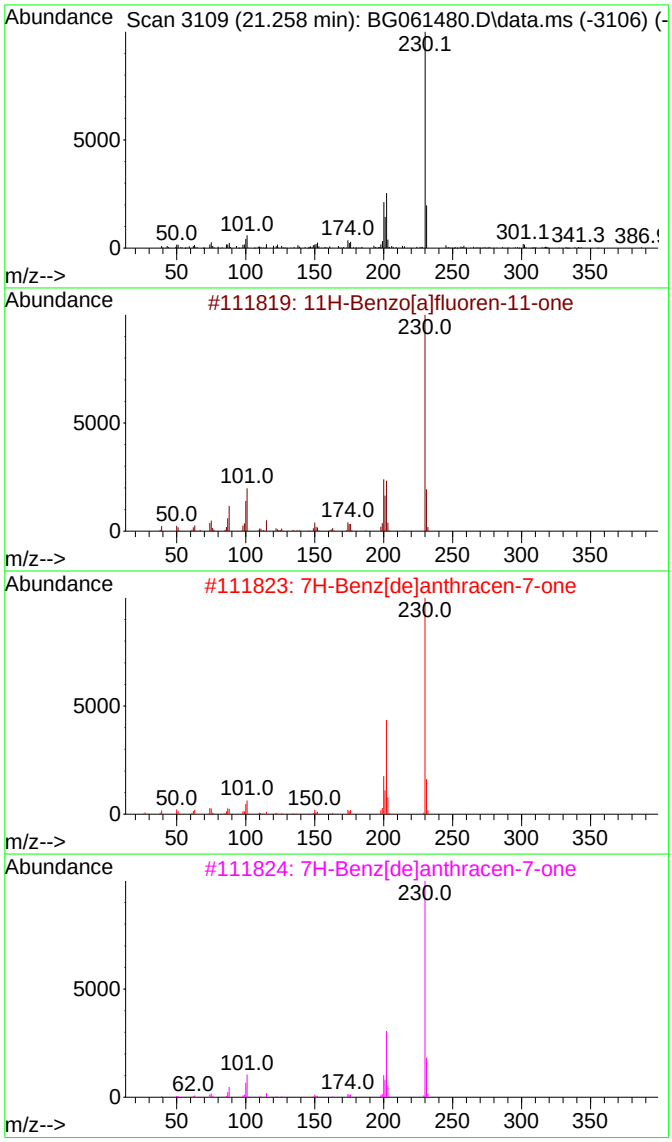
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

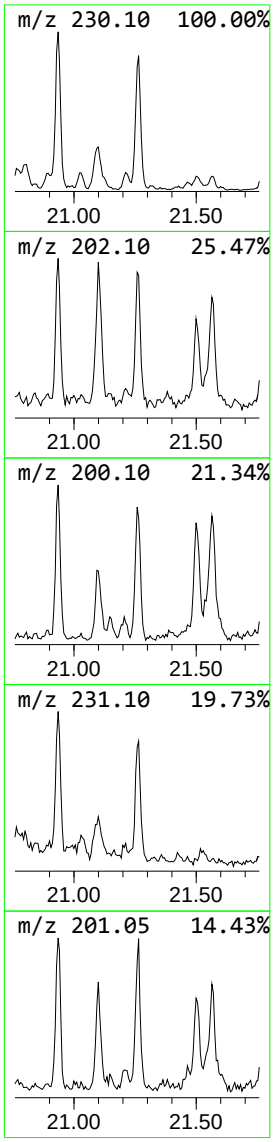
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.258	2.45 ng/ul	237515	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





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Data File : BG061480.D
Acq On : 5 Jun 2024 8:39
Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

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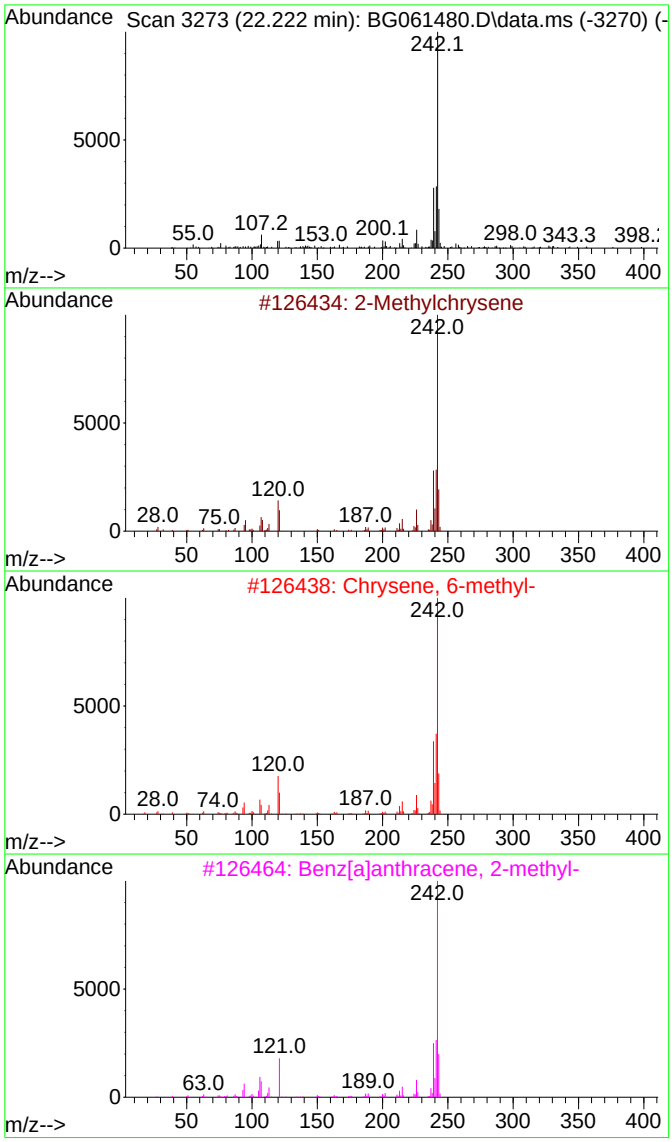
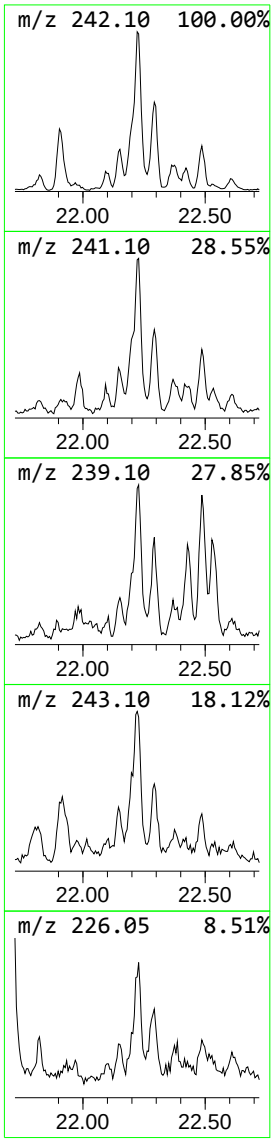
Peak Number 21 2-Methylchrysene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.222	2.21 ng/ul	213926	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	93
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	93
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	89
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061480.D
Acq On : 5 Jun 2024 8:39
Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

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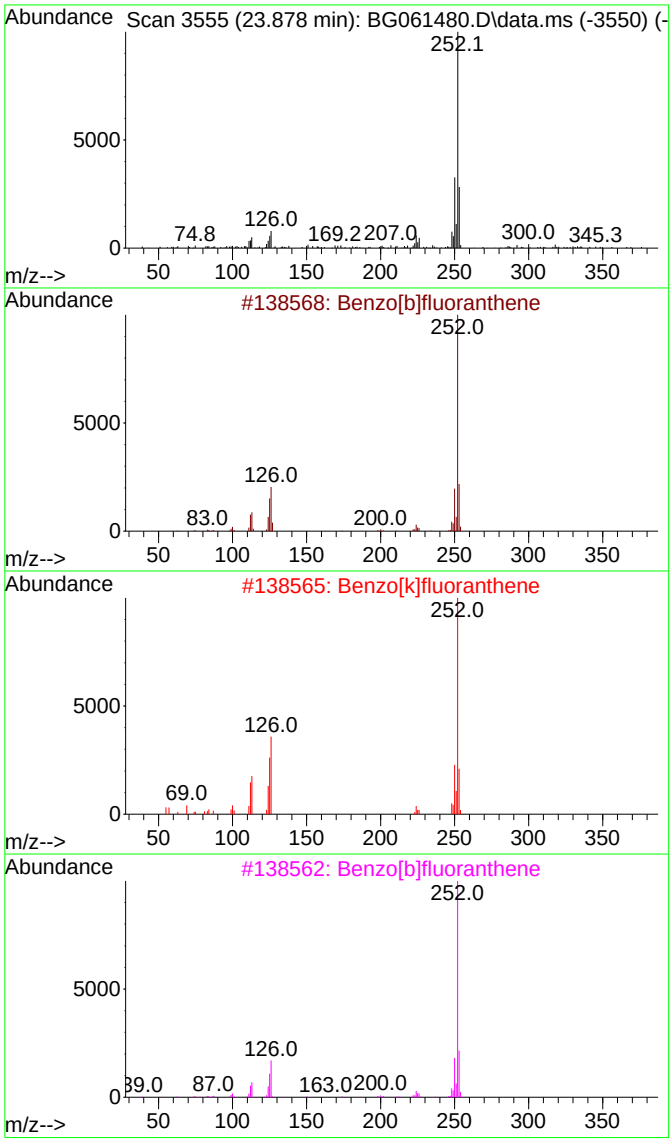
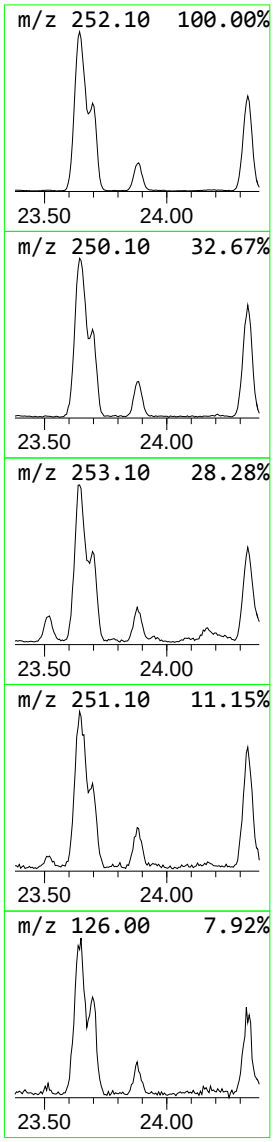
Peak Number 22 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.878	5.52 ng/ul	187938	Perylene-d12	24.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	76
5	Benzo[a]pyrene	252	C20H12	000050-32-8	76





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Data File : BG061480.D
Acq On : 5 Jun 2024 8:39
Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

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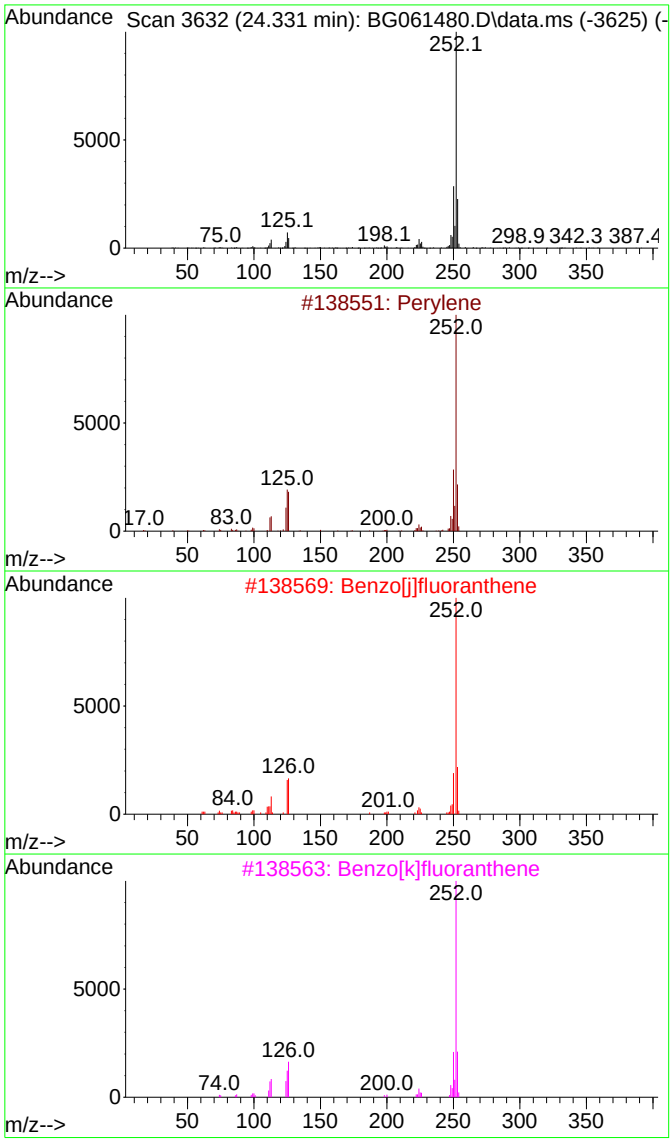
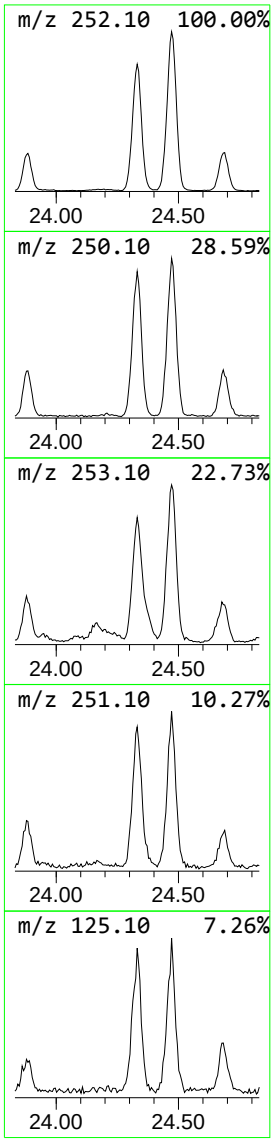
Peak Number 23 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.331	20.66 ng/ul	702971	Perylene-d12	24.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	93
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[e]pyrene	252	C20H12	000192-97-2	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061480.D
Acq On : 5 Jun 2024 8:39
Operator : MA/JU
Sample : P2577-08DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.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
Butane, 2-metho...	3.073	124.9	ng/ul	1481790	1	7.874	237348	20.0
unknown-01	16.240	2.3	ng/ul	67291	4	17.263	577814	20.0
9H-Fluoren-9-one	16.916	2.7	ng/ul	78385	4	17.263	577814	20.0
Dibenzothiophene	17.081	2.1	ng/ul	60944	4	17.263	577814	20.0
Phenanthrene, 1...	18.138	6.8	ng/ul	196078	4	17.263	577814	20.0
Phenanthrene, 2...	18.185	8.1	ng/ul	233251	4	17.263	577814	20.0
Benzaldehyde, 3...	18.332	9.5	ng/ul	274421	4	17.263	577814	20.0
1H-Indene, 2-ph...	18.373	3.8	ng/ul	109847	4	17.263	577814	20.0
Tricyclo[8.2.2....	18.638	4.0	ng/ul	115019	4	17.263	577814	20.0
9,10-Anthracene...	18.685	5.1	ng/ul	146281	4	17.263	577814	20.0
Phenanthrene, 2...	19.055	7.0	ng/ul	203273	4	17.263	577814	20.0
Cyclopenta(def)...	19.202	6.0	ng/ul	173109	4	17.263	577814	20.0
Pyrene, 1-methyl-	20.018	3.2	ng/ul	310342	5	21.522	1937120	20.0
11H-Benzo[b]flu...	20.177	2.9	ng/ul	280487	5	21.522	1937120	20.0
Pyrene, 2-methyl-	20.336	2.5	ng/ul	244404	5	21.522	1937120	20.0
11H-Benzo[a]flu...	20.935	2.6	ng/ul	251219	5	21.522	1937120	20.0
Benzo[b]naphtho...	21.111	2.5	ng/ul	241346	5	21.522	1937120	20.0
Benzo[c]phenant...	21.152	2.0	ng/ul	197897	5	21.522	1937120	20.0
Benzo[ghi]fluor...	21.199	2.9	ng/ul	283308	5	21.522	1937120	20.0
7H-Benz[de]anth...	21.258	2.5	ng/ul	237515	5	21.522	1937120	20.0
2-Methylchrysene	22.222	2.2	ng/ul	213926	5	21.522	1937120	20.0
unknown-02	23.878	5.5	ng/ul	187938	6	24.613	680678	20.0
Perylene	24.331	20.7	ng/ul	702971	6	24.613	680678	20.0