LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061465.D
Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BHBL6

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: BG061465.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.074	9	14	44	rVB	1057049	1762502	100.00%	10.174%
2	7.063	687	693	705	rVB	74622	132316	7.51%	0.764%
3	7.204	710	717	725	rVB	59056	95150	5.40%	0.549%
4	7.416	747	753	758	rBV	80853	135010	7.66%	0.779%
5	7.463	758	761	772	rVB	18982	32492	1.84%	0.188%
6	7.874	825	831	839	rBV	121760	194624	11.04%	1.123%
7	8.596	948	954	962	rBV2	68727	117996	6.69%	0.681%
8	9.031	1019	1028	1036	rBV	90003	156850	8.90%	0.905%
9	9.754	1144	1151	1160	rVB	78386	128978	7.32%	0.745%
10	10.312	1236	1246	1256	rBV	100364	182159	10.34%	1.052%
11	10.441	1263	1268	1279	rBV	12907	21214	1.20%	0.122%
12	10.671	1299	1307	1313	rBV	159150	279258	15.84%	1.612%
13	10.806	1323	1330	1339	rVB3	48273	89230	5.06%	0.515%
14	11.411	1427	1433	1444	rBV2	23435	42857	2.43%	0.247%
15	12.333	1583	1590	1596	rBV2	14679	24508	1.39%	0.141%
16	12.551	1622	1627	1634	rBV3	12024	19235	1.09%	0.111%
17	13.832	1836	1845	1851	rBV2	14810	26934	1.53%	0.155%
18	13.914	1851	1859	1865	rVV	199150	299975	17.02%	1.732%
19	14.202	1903	1908	1920	rVB	212211	350384	19.88%	2.023%
20	14.513	1949	1961	1967	rBV	254927	398256	22.60%	2.299%
21	14.578	1967	1972	1979	rVB2	23013	38163	2.17%	0.220%
22	14.730	1989	1998	2001	rBV2	31702	76346	4.33%	0.441%
23	14.766	2001	2004	2012	rVB3	18928	32909	1.87%	0.190%
24	14.913	2024	2029	2034	rVV	14802	25249	1.43%	0.146%
25	15.506	2122	2130	2135	rBV	294360	440733	25.01%	2.544%
26	15.559	2135	2139	2144	rVB3	24306	34733	1.97%	0.200%
27	15.653	2150	2155	2159	rBV2	65212	95695	5.43%	0.552%
28	15.853	2185	2189	2197	rVB5	9640	22335	1.27%	0.129%
29	16.005	2210	2215	2222	rVB3	8527	17700	1.00%	0.102%
30	16.205	2244	2249	2253	rVV5	14280	26969	1.53%	0.156%
31	16.552	2299	2308	2309	rBV4	10976	21059	1.19%	0.122%
32	16.617	2315	2319	2324	rVB4	12474	19074	1.08%	0.110%
33	16.916	2365	2370	2376	rVV	25239	40971	2.32%	0.237%
34	17.010	2378	2386	2391	rVV8	17357	37647	2.14%	0.217%
35	17.081	2393	2398	2405	rVV	37115	57808	3.28%	0.334%
36	17.263	2423	2429	2432	rBV	340369	503562	28.57%	2.907%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061465.D
Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BHBL6

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	17.304	2432	2436	2441	rVB	368215	514206	29.17%	2.968%
38	17.363	2441	2446	2450	rBV	295660	421168	23.90%	2.431%
39	17.451	2457	2461	2467	rBV4	10681	19283	1.09%	0.111%
40	17.668	2490	2498	2503	rBV	23514	45447	2.58%	0.262%
41	17.844	2523	2528	2533	rBV2	37360	52725	2.99%	0.304%
42	17.927	2538	2542	2548	rBV7	11497	19773	1.12%	0.114%
43	17.985	2548	2552	2558	rVB2	21896	42742	2.43%	0.247%
44	18.062	2561	2565	2569	rBV3	11481	16676	0.95%	0.096%
45	18.138	2571	2578	2582	rBV	105549	169153	9.60%	0.976%
46	18.191	2582	2587	2591	rVB	126698	191311	10.85%	1.104%
47	18.268	2595	2600	2605	rBV2	28548	40894	2.32%	0.236%
48	18.332	2605	2611	2615	rBV2	112929	215536	12.23%	1.244%
49	18.373	2615	2618	2623	rVB	77963	105599	5.99%	0.610%
50	18.491	2634	2638	2643	rBV6	19084	35409	2.01%	0.204%
51	18.538	2643	2646	2650	rVB2	19179	23355	1.33%	0.135%
52	18.638	2658	2663	2667	rBV	61713	91127	5.17%	0.526%
53	18.685	2667	2671	2680	rVB4	65191	105194	5.97%	0.607%
54	18.767	2680	2685	2688	rBV	12408	19119	1.08%	0.110%
55	18.861	2696	2701	2702	rBV5	15461	22720	1.29%	0.131%
56	18.884	2702	2705	2710	rVB2	29284	37603	2.13%	0.217%
57	18.937	2710	2714	2717	rBV	28493	37197	2.11%	0.215%
58	18.973	2717	2720	2725	rVB2	24186	32786	1.86%	0.189%
59	19.055	2729	2734	2740	rBV	79629	155537	8.82%	0.898%
60	19.114	2740	2744	2748	rVV3	33162	67083	3.81%	0.387%
61	19.149	2748	2750	2754	rVB2	26994	27725	1.57%	0.160%
62	19.202	2754	2759	2760	rBV3	49935	66912	3.80%	0.386%
63	19.231	2760	2764	2768	rVV	111260	156755	8.89%	0.905%
64	19.325	2772	2780	2786	rVB	539971	767505	43.55%	4.430%
65	19.384	2786	2790	2793	rBV2	22548	31197	1.77%	0.180%
66	19.419	2793	2796	2801	rVB4	19803	29605	1.68%	0.171%
67	19.525	2809	2814	2817	rBV5	22134	34457	1.96%	0.199%
68	19.566	2817	2821	2824	rVV	22270	30427	1.73%	0.176%
69	19.654	2830	2836	2839	rBV2	504248	811893	46.06%	4.687%
70	19.683	2839	2841	2848	rVV	554772	733380	41.61%	4.233%
71	19.760	2849	2854	2859	rVB3	47684	78265	4.44%	0.452%
72	19.860	2867	2871	2878	rVV2	26347	48841	2.77%	0.282%
73	19.924	2878	2882	2886	rVB4	28189	40301	2.29%	0.233%
74	20.018	2890	2898	2903	rBV4	56143	146002	8.28%	0.843%
75	20.177	2915	2925	2931	rVB	110997	244569	13.88%	1.412%
76	20.277	2938	2942	2946	rBV	44511	56406	3.20%	0.326%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061465.D
Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BHBL6

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	20.342	2946	2953	2956	rBV2	72423	113618	6.45%	0.656%
78	20.477	2972	2976	2979	rBV	64686	87925	4.99%	0.508%
79	20.524	2980	2984	2987	rVB	70500	88158	5.00%	0.509%
80	20.688	3008	3012	3015	rVB4	26254	32822	1.86%	0.189%
81	20.723	3016	3018	3022	rBV5	13410	22346	1.27%	0.129%
82	20.935	3050	3054	3061	rVB	69904	106994	6.07%	0.618%
83	21.111	3077	3084	3087	rBV3	56202	118777	6.74%	0.686%
84	21.146	3087	3090	3093	rVV	34692	42775	2.43%	0.247%
85	21.258	3106	3109	3115	rVB	59397	98294	5.58%	0.567%
86	21.517	3145	3153	3157	rBV2	453430	1040552	59.04%	6.007%
87	21.564	3157	3161	3171	rVB	269043	462005	26.21%	2.667%
88	21.711	3182	3186	3191	rBV5	33003	59704	3.39%	0.345%
89	21.916	3217	3221	3226	rVB3	27969	46160	2.62%	0.266%
90	22.222	3270	3273	3278	rVB2	54535	88128	5.00%	0.509%
91	22.292	3280	3285	3293	rVB2	57602	111705	6.34%	0.645%
92	22.492	3314	3319	3322	rBV2	28476	51823	2.94%	0.299%
93	22.927	3388	3393	3404	rVB6	59022	172725	9.80%	0.997%
94	23.638	3506	3514	3520	rBV2	188460	555560	31.52%	3.207%
95	23.879	3551	3555	3561	rVB2	24993	50137	2.84%	0.289%
96	24.325	3624	3631	3636	rBV	110323	260172	14.76%	1.502%
97	24.402	3637	3644	3650	rVV2	238396	650731	36.92%	3.756%
98	24.460	3650	3654	3665	rVB	165912	396786	22.51%	2.290%
99	24.607	3671	3679	3688	rBV	255082	653806	37.10%	3.774%
100	28.115	4267	4276	4292	rVB3	57786	245253	13.92%	1.416%

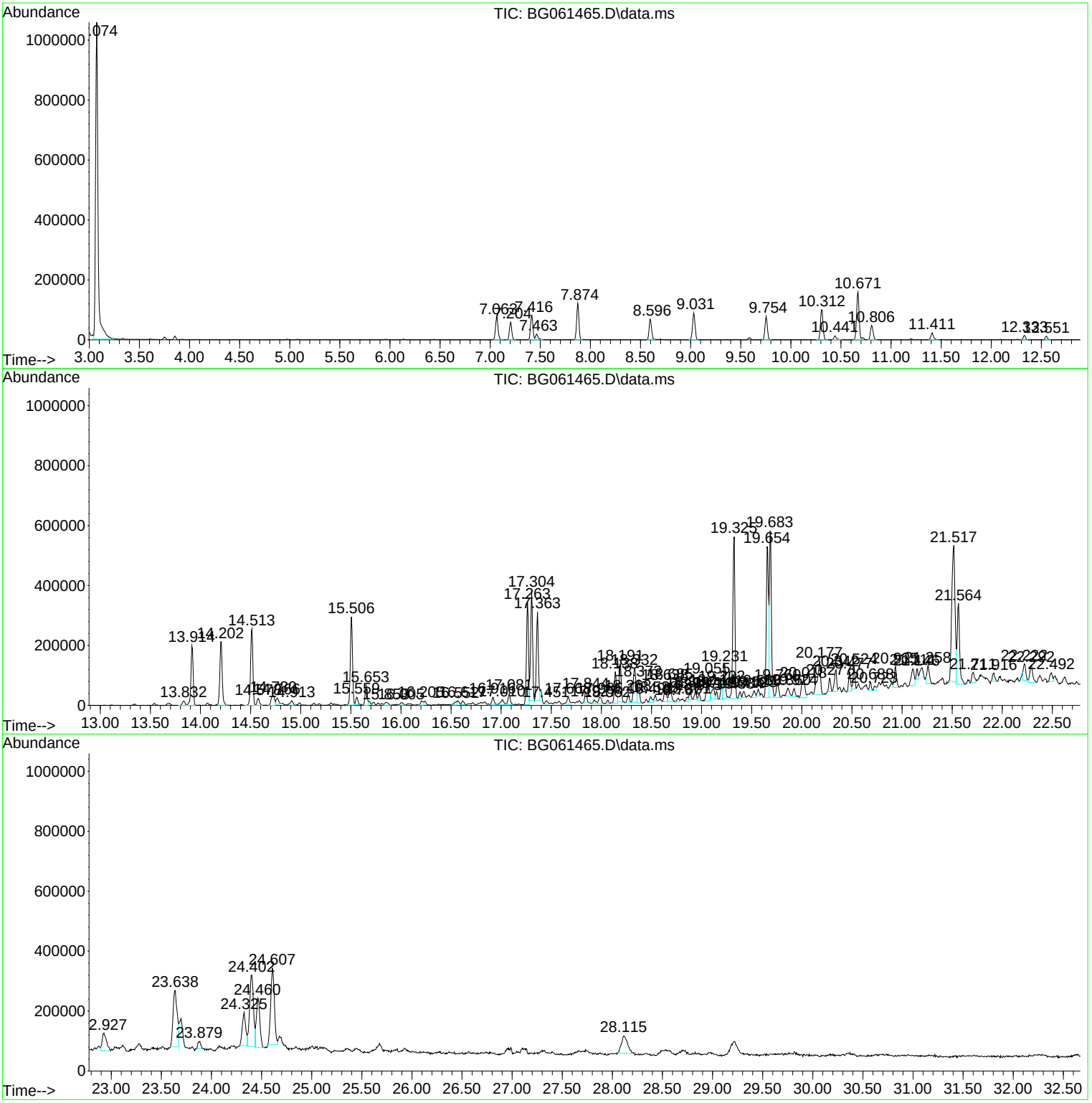
Sum of corrected areas: 17323720

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061465.D
Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

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 : BG061465.D
Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

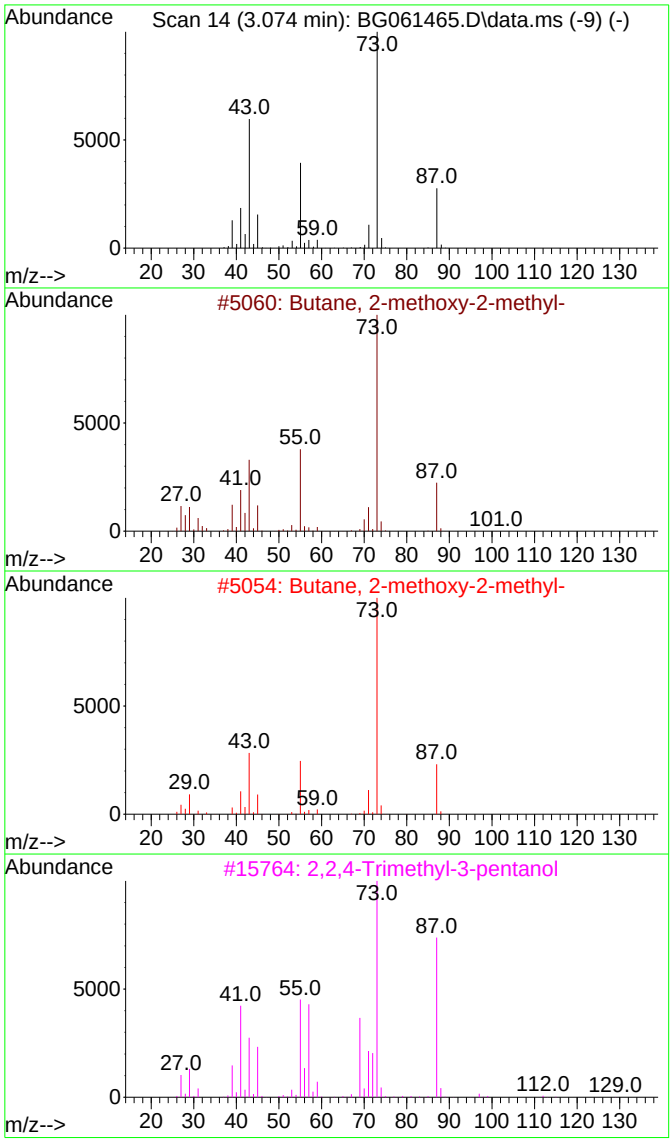
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

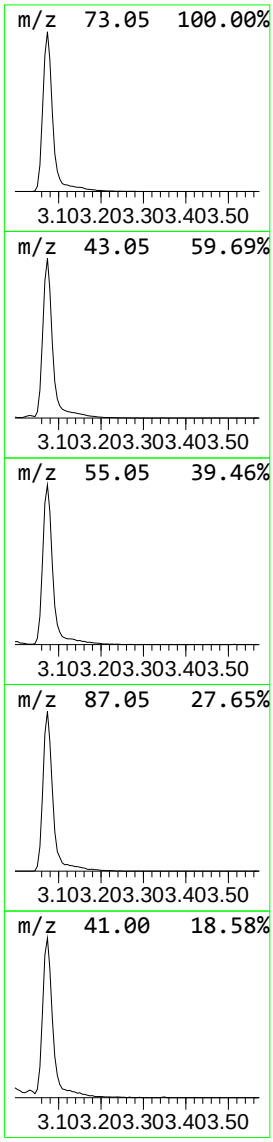
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.074	181.12 ng/ul	1762500	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	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061465.D
Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

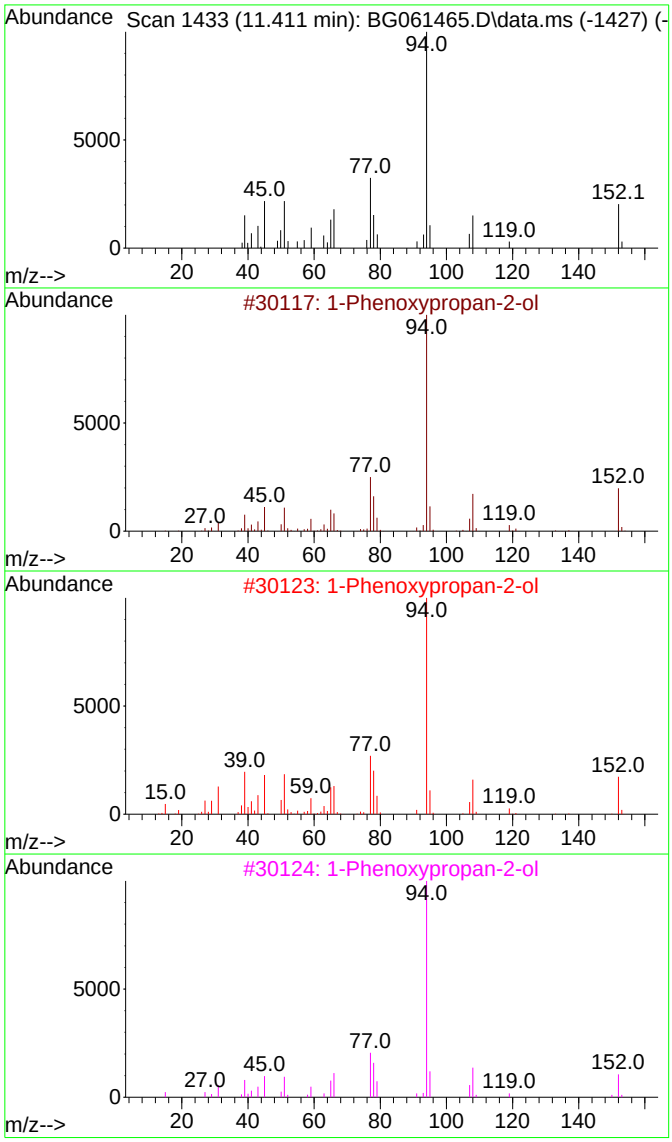
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

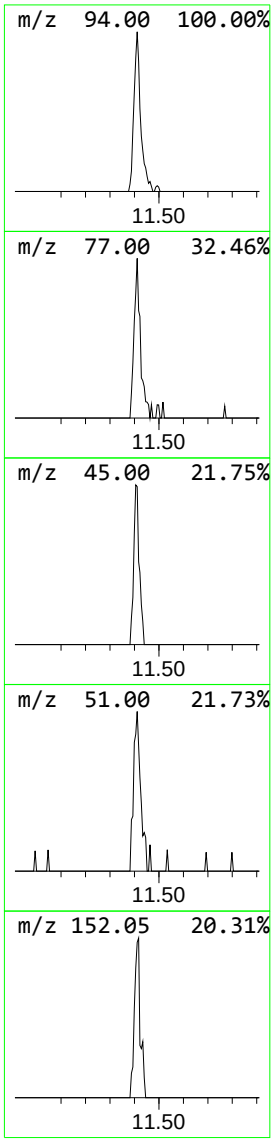
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Phenoxypropan-2-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.411	3.07 ng/ul	42857	Naphthalene-d8	10.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
4	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	90
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061465.D
Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

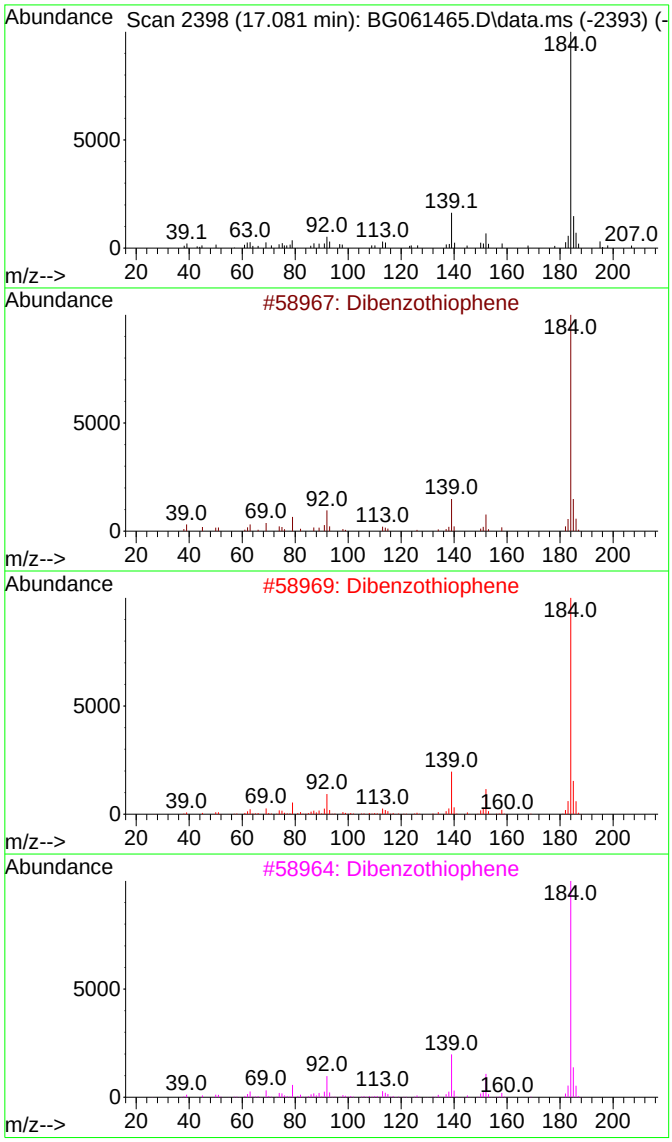
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

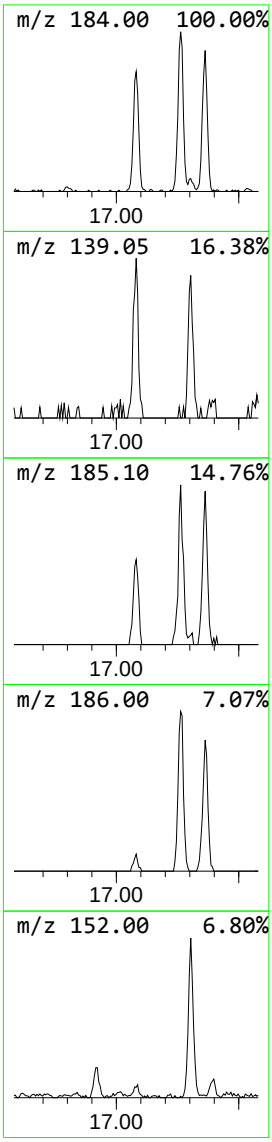
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.081	2.30 ng/ul	57808	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	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061465.D
Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

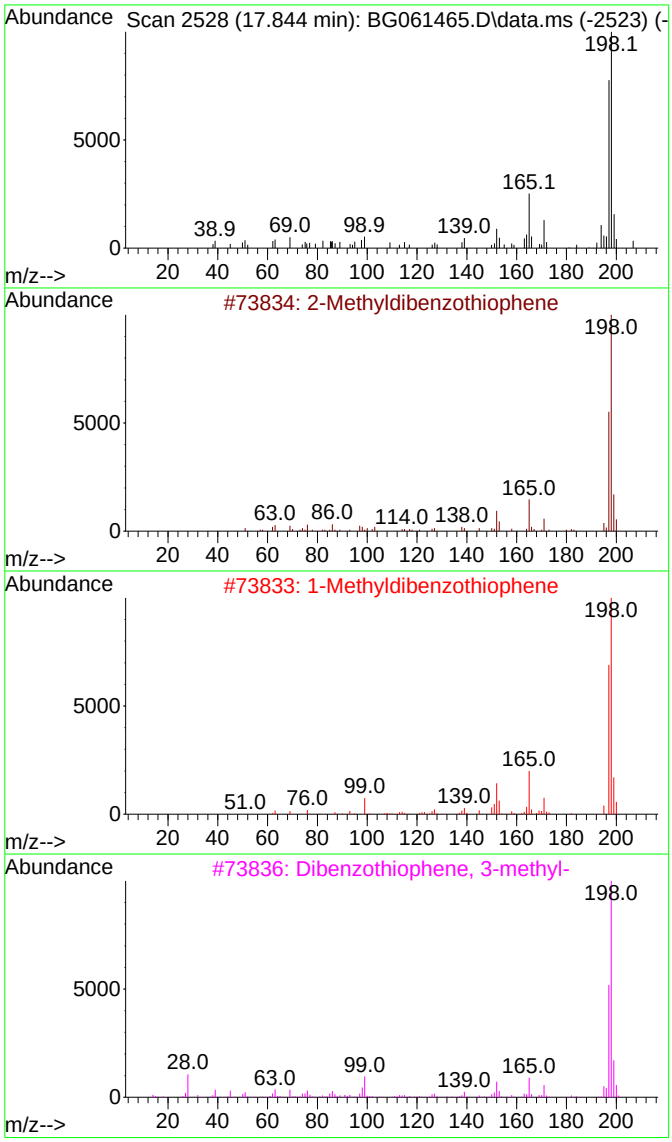
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

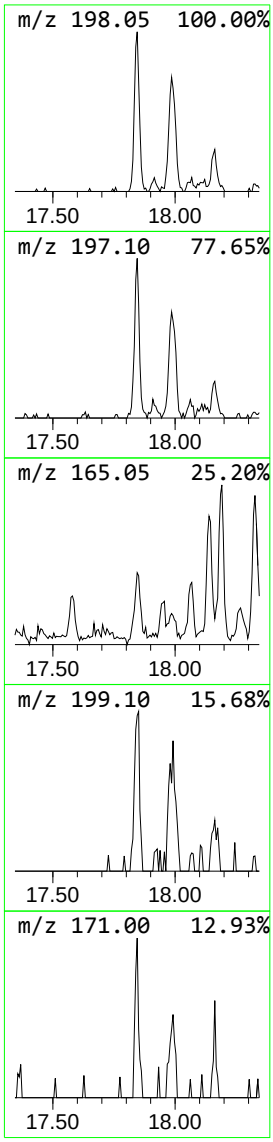
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Methyldibenzothiophene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.845	2.09 ng/ul	52725	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	94
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	87
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061465.D
Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

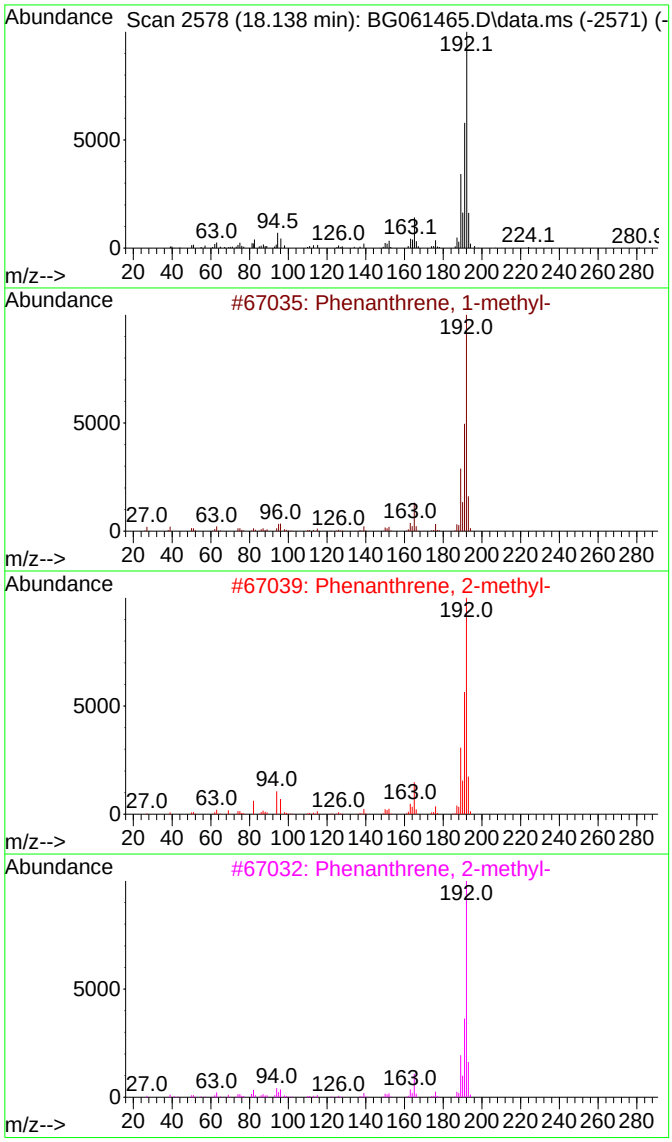
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

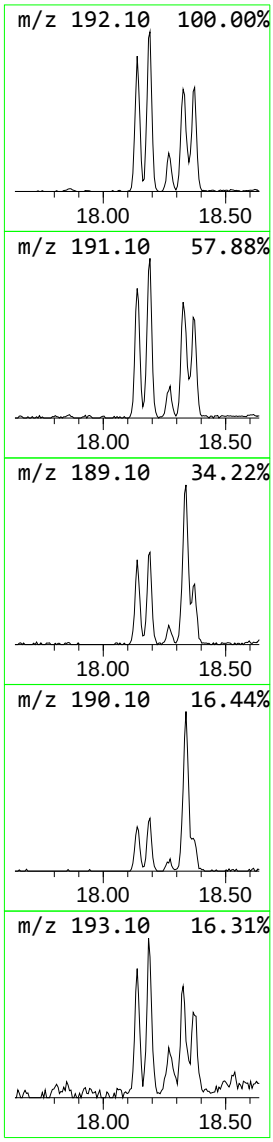
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.138	6.72 ng/ul	169153	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

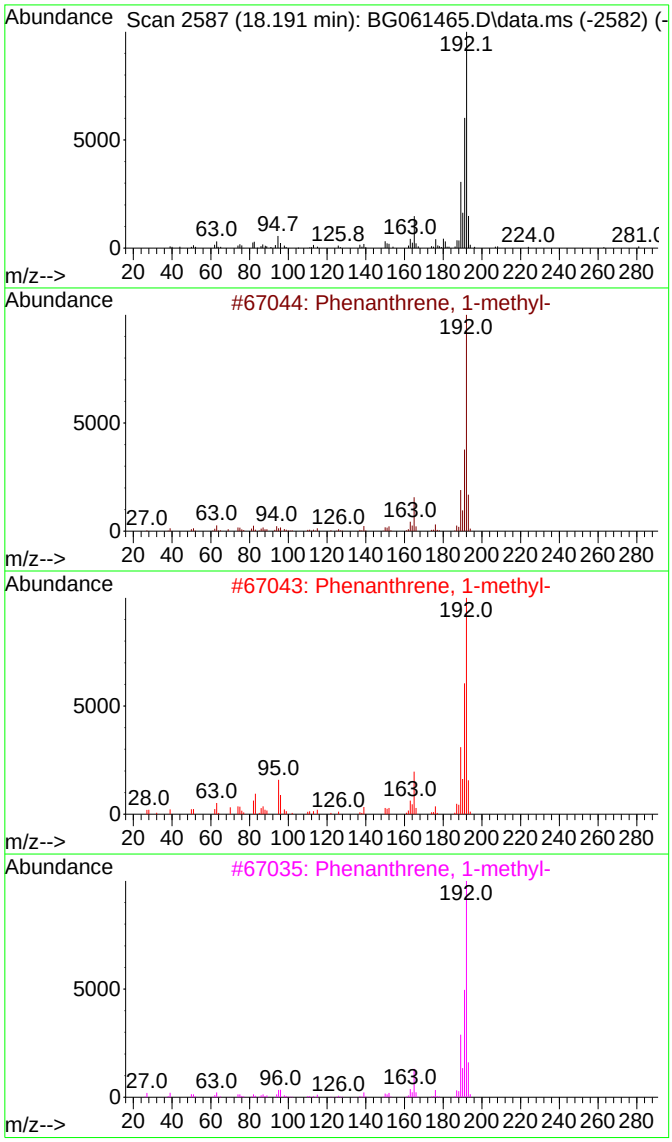
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

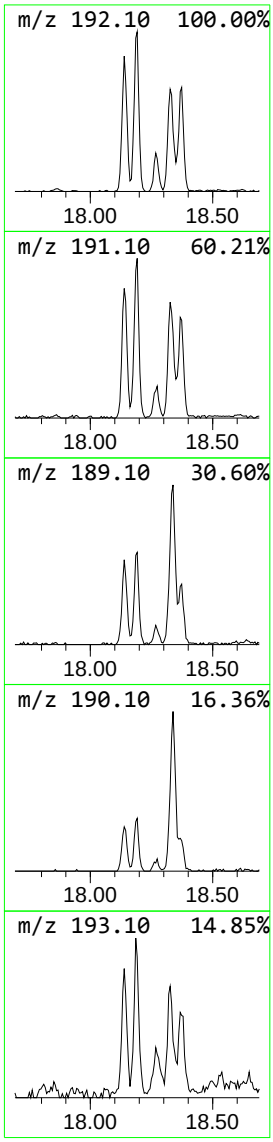
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.191	7.60 ng/ul	191311	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





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Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

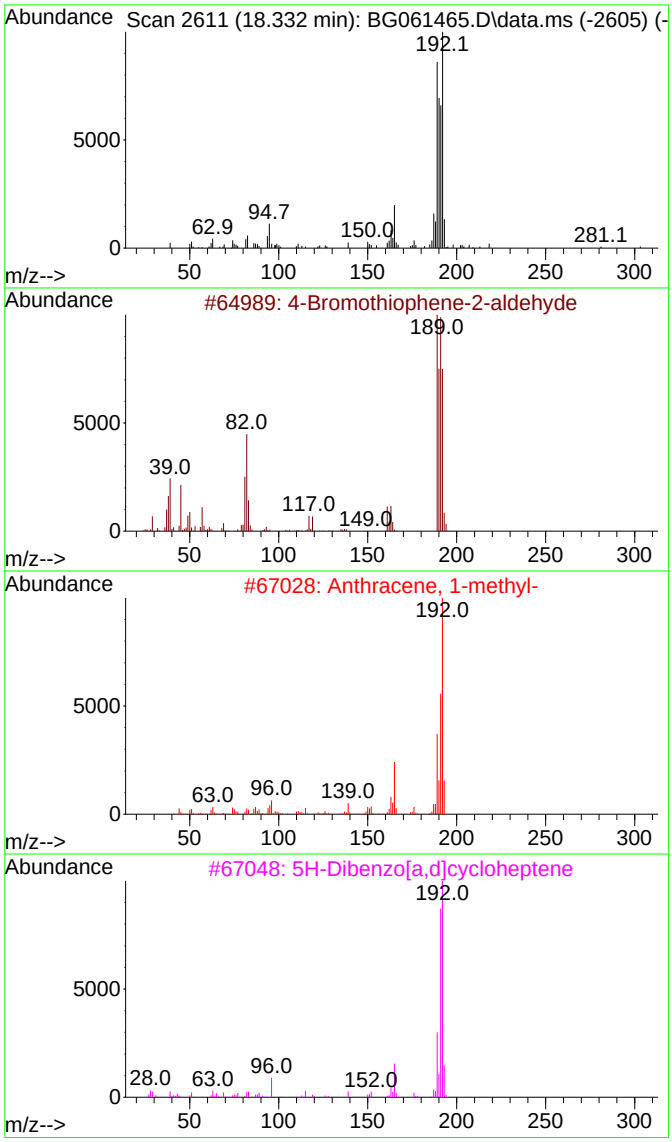
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

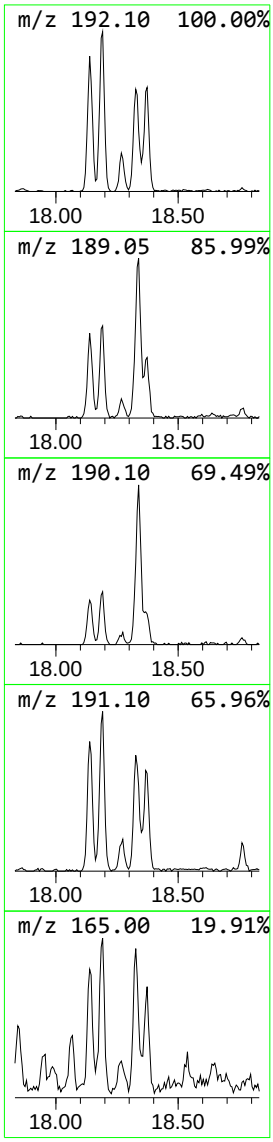
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4-Bromothiophene-2-aldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.332	8.56 ng/ul	215536	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	52
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	50
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	49





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Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

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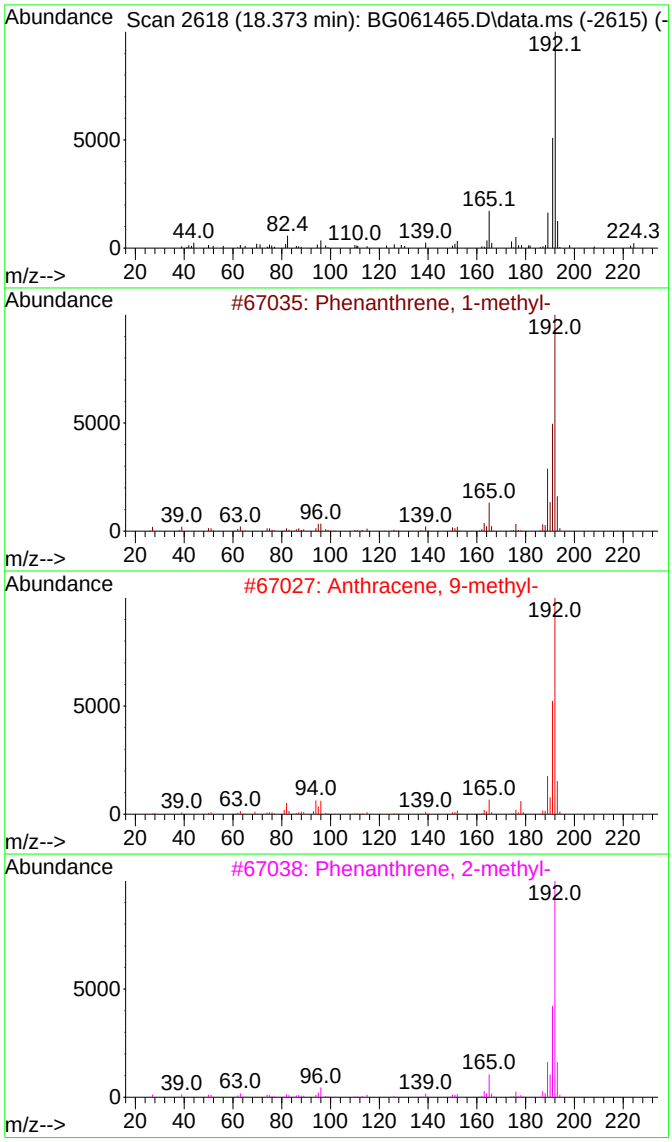
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

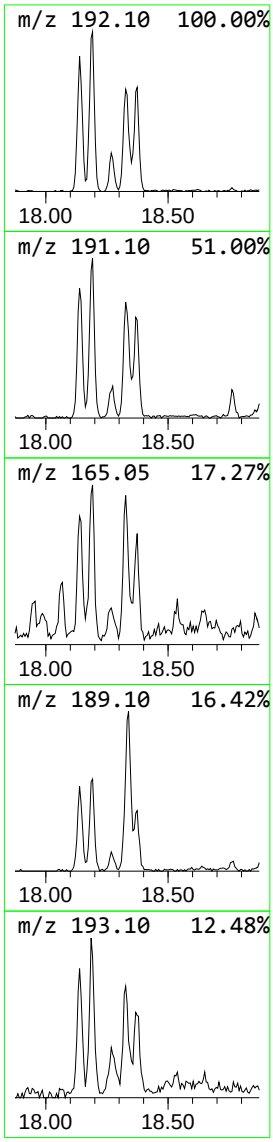
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.373	4.19 ng/ul	105599	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83





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Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

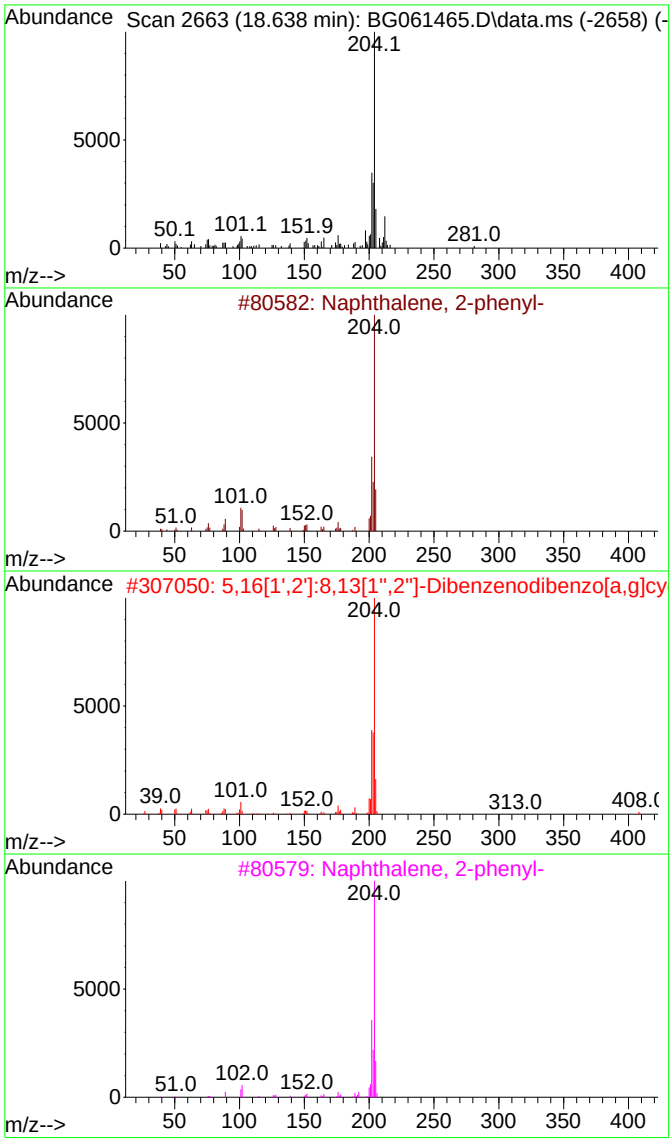
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

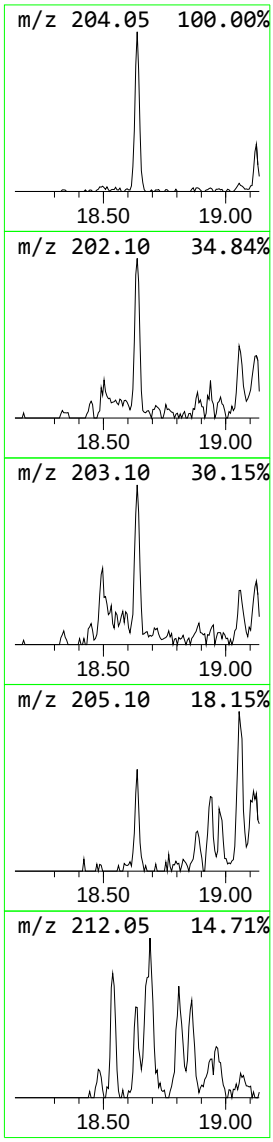
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.638	3.62 ng/ul	91127	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	74
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





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Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

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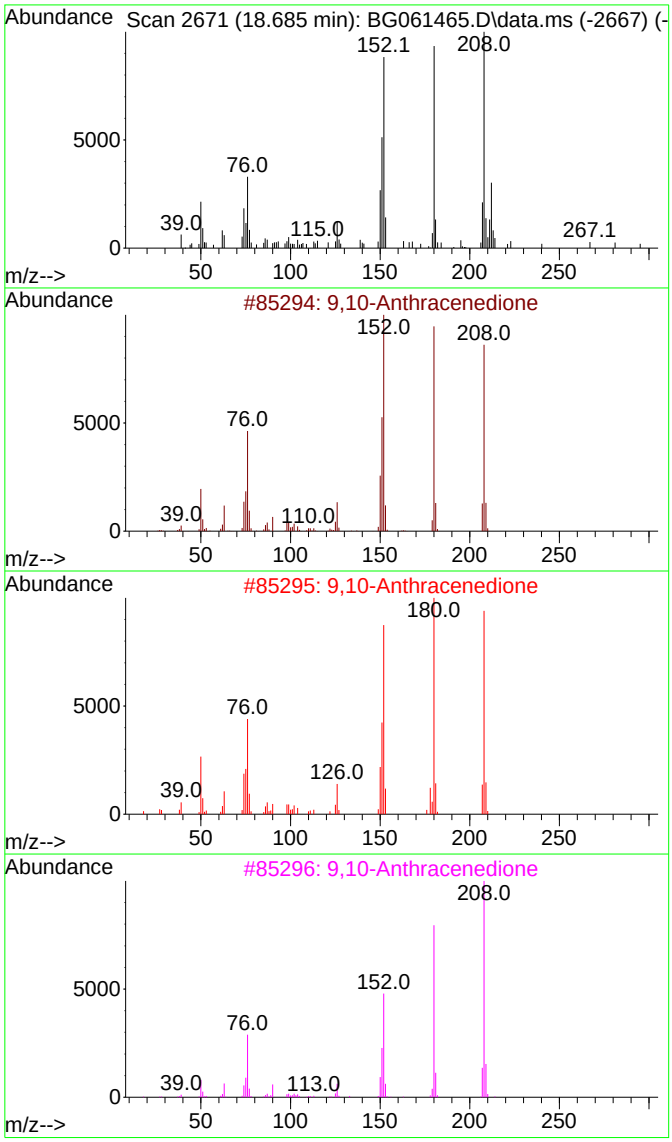
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

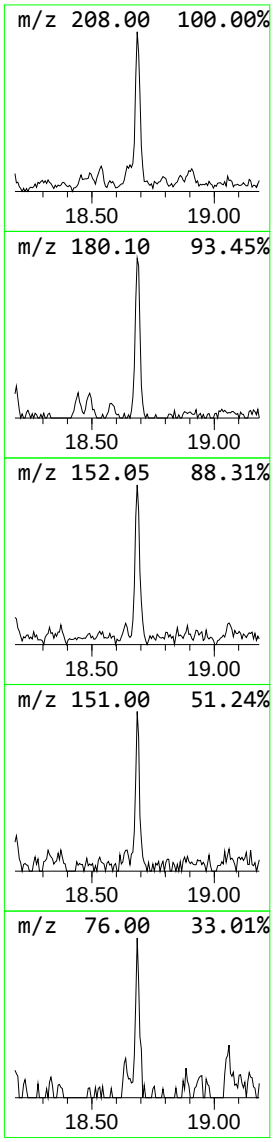
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.685	4.18 ng/ul	105194	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	81
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78





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Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

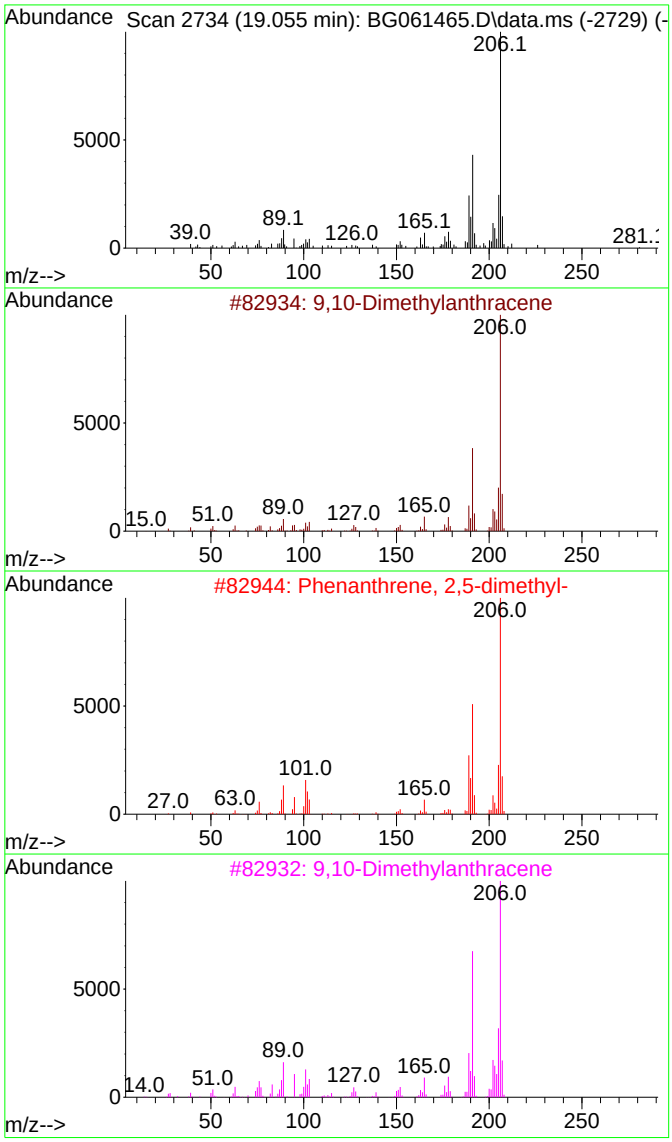
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

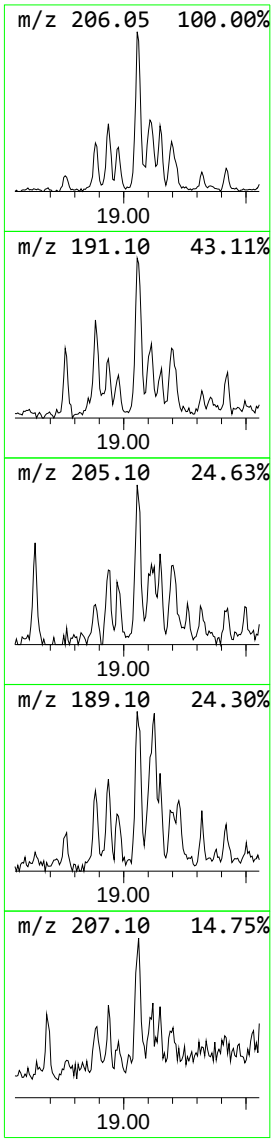
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.055	6.18 ng/ul	155537	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

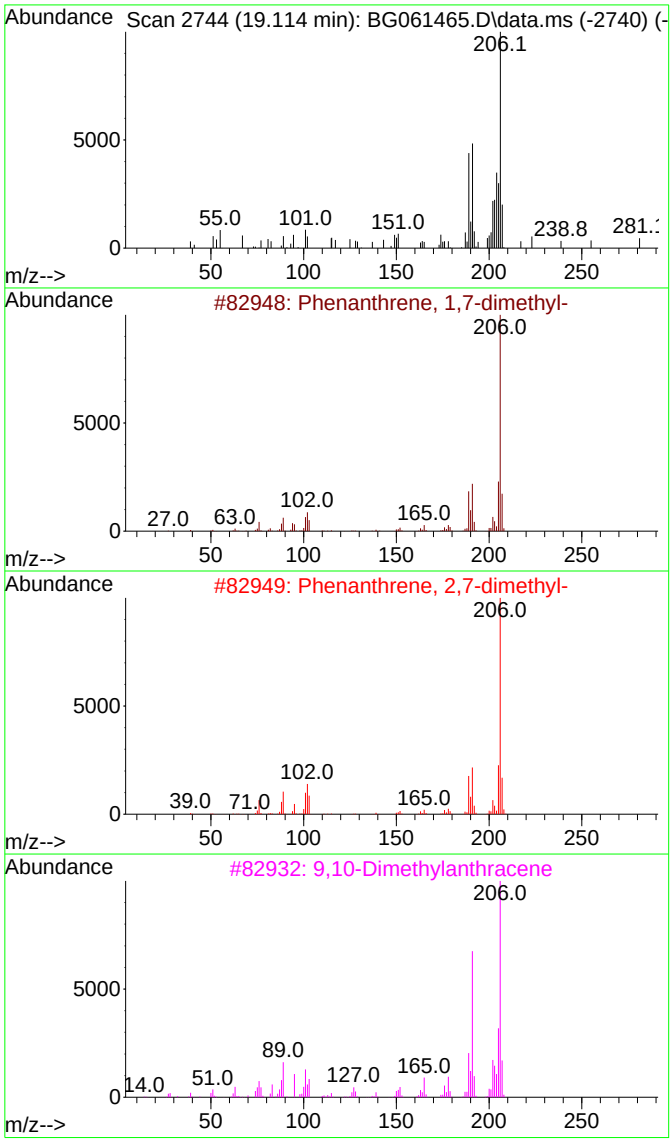
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

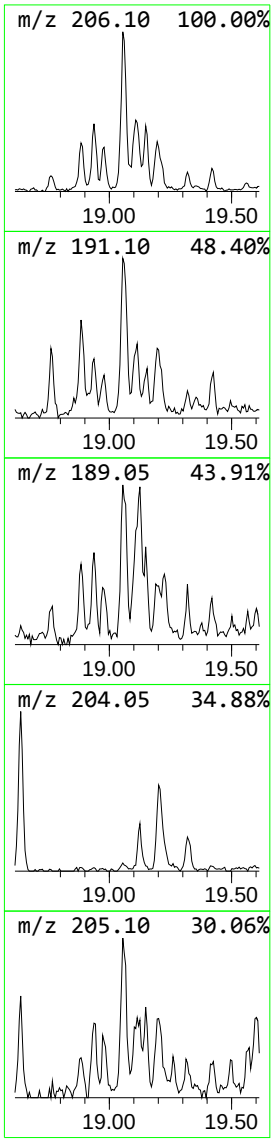
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.114	2.66 ng/ul	67083	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	68
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	59





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Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

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

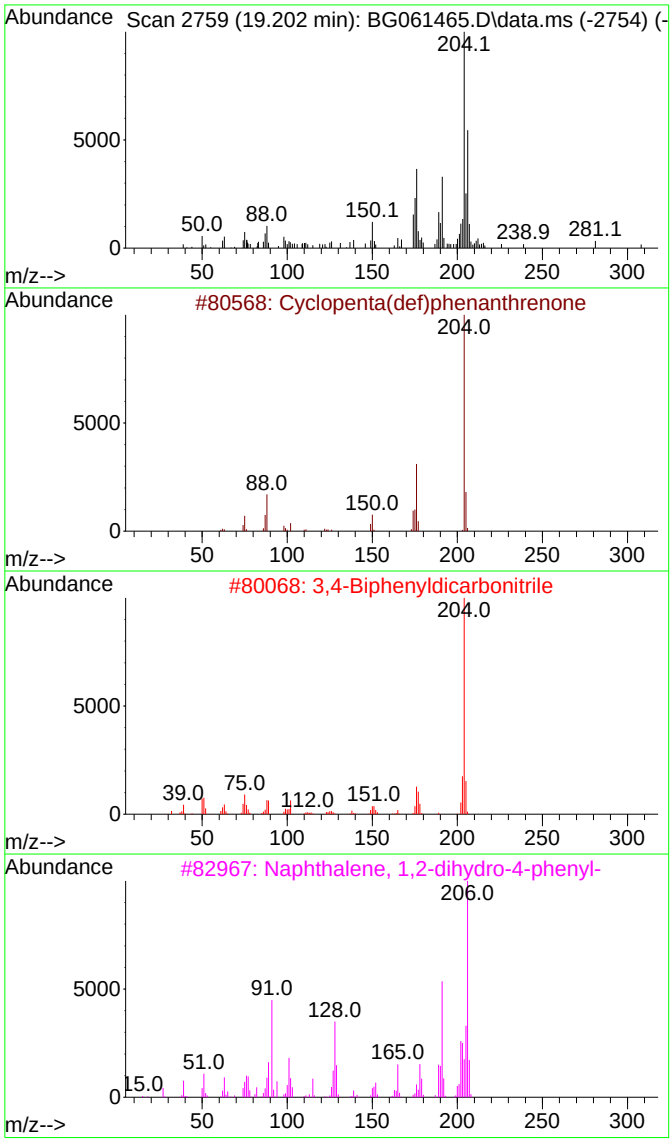
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

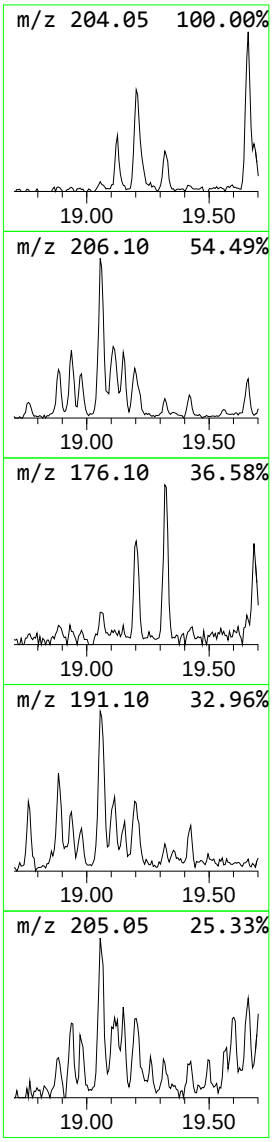
****

Peak Number 13 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.202	2.66 ng/ul	66912	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	45
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	38
4	Pyridine-3-carbonitrile, 5-allyl...	204	C11H12N2S	186337-14-4	38
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	35





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Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

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

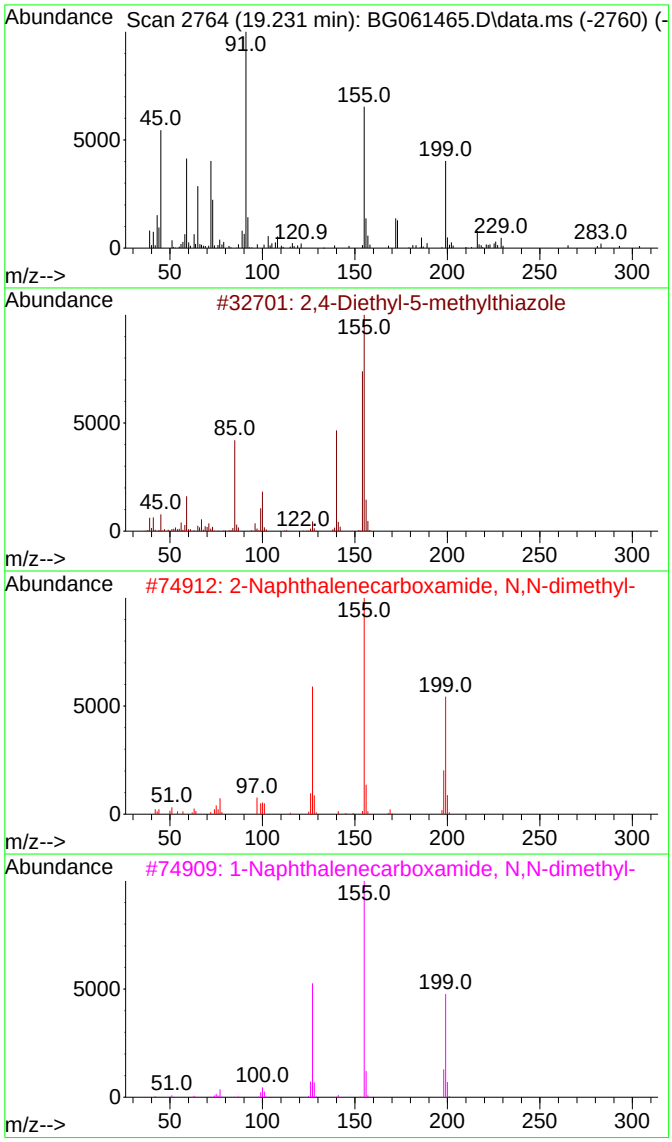
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

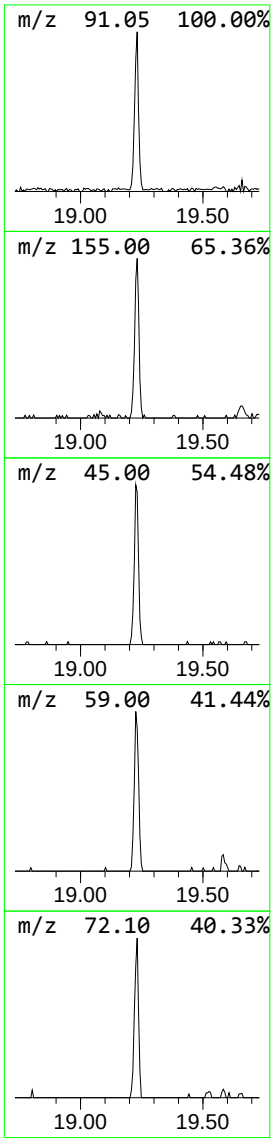
****

Peak Number 14 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.231	6.23 ng/ul	156755	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diethyl-5-methylthiazole	155	C8H13NS	052414-89-8	25
2	2-Naphthalenecarboxamide, N,N-di...	199	C13H13NO	013577-85-0	22
3	1-Naphthalenecarboxamide, N,N-di...	199	C13H13NO	003815-24-5	22
4	4-Morpholinopiperidine, N-trimet...	242	C12H26N2OSi	1000469-51-8	14
5	4-(1-Pyrrolidinyl)piperidine, N-...	226	C12H26N2Si	1000469-45-9	14





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Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

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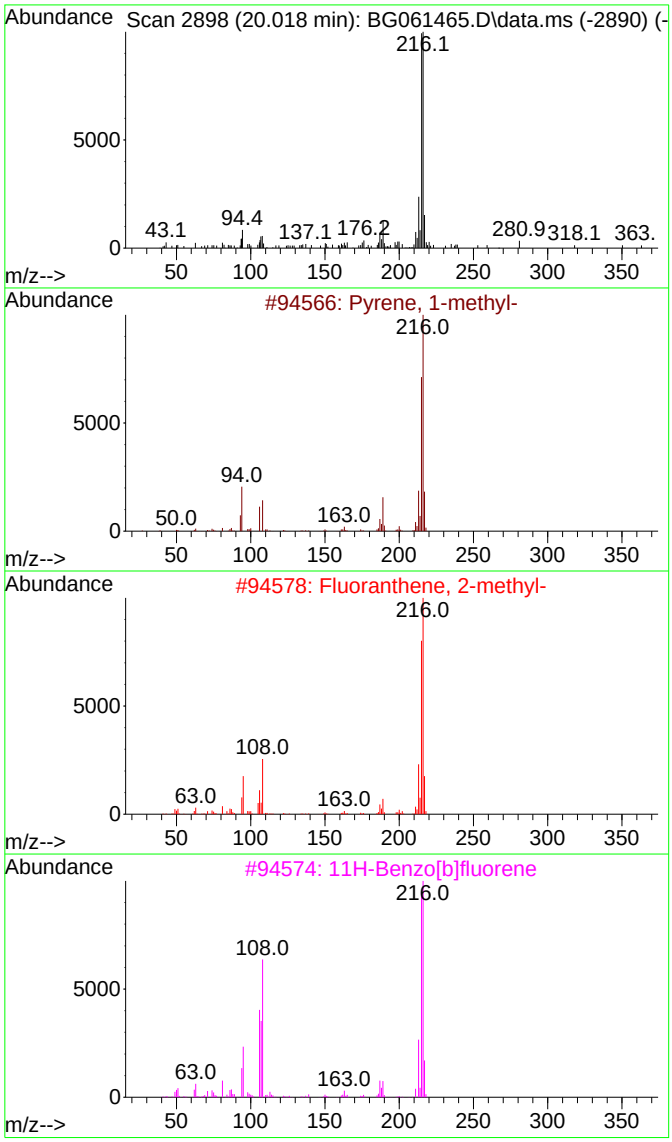
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

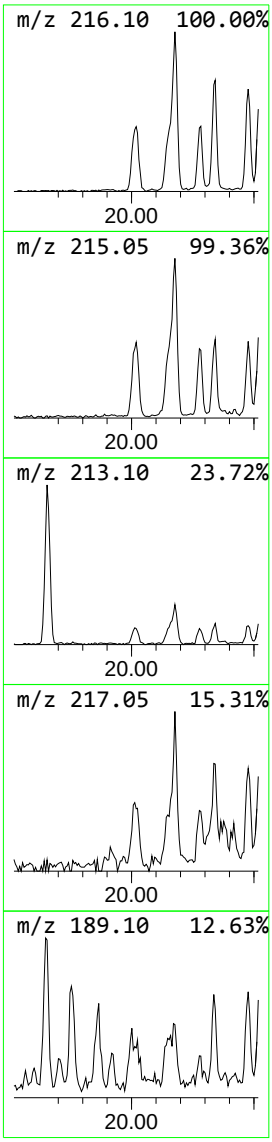
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.018	2.81 ng/ul	146002	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
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	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

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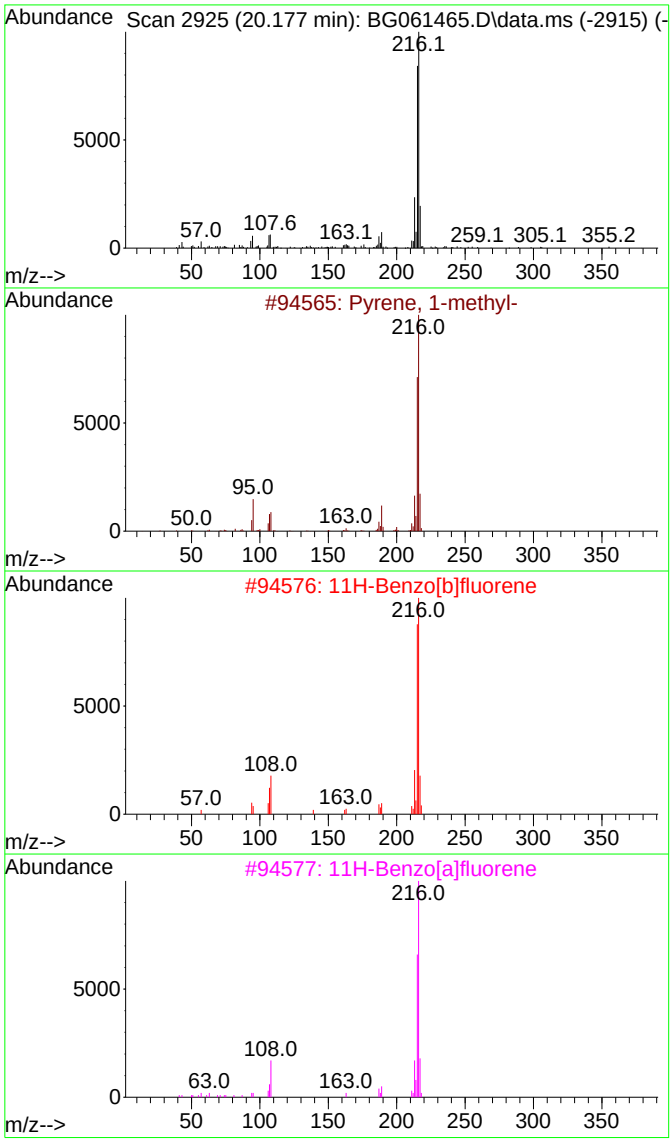
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

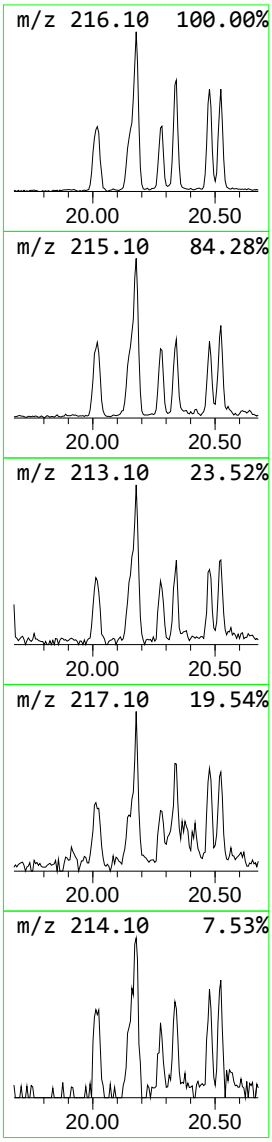
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.177	4.70 ng/ul	244569	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061465.D
Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

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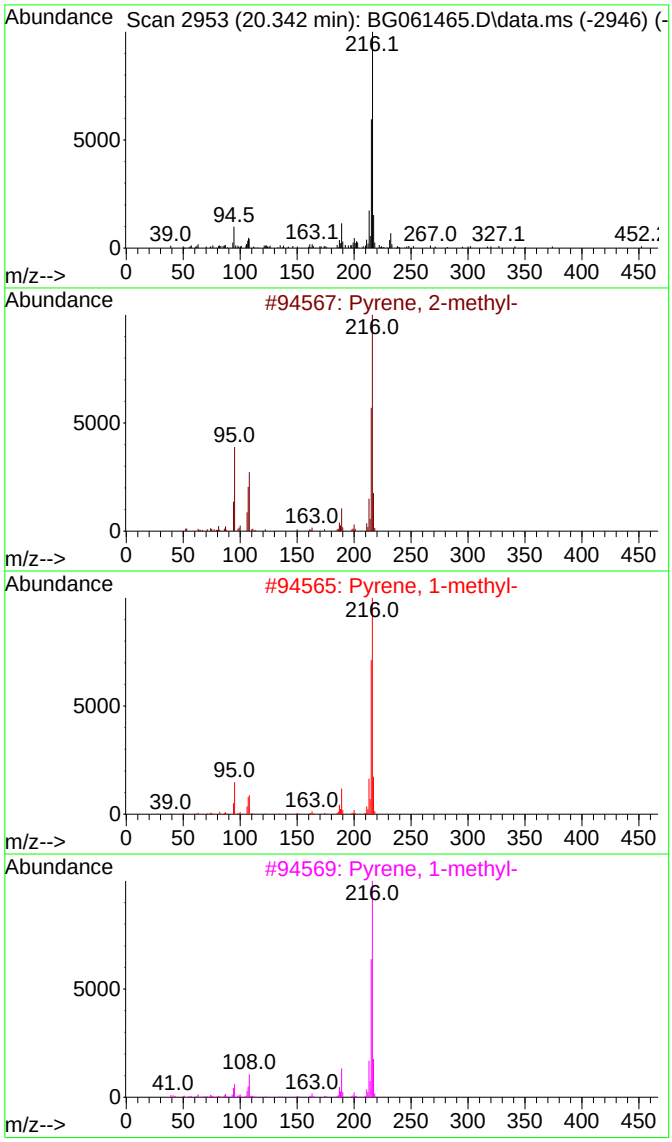
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

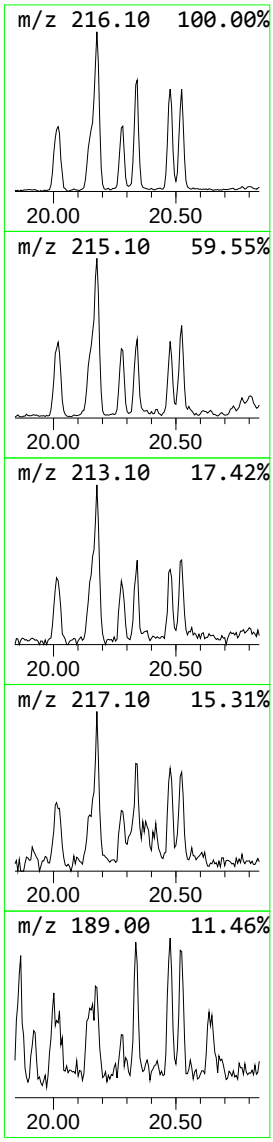
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.342	2.18 ng/ul	113618	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89





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Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

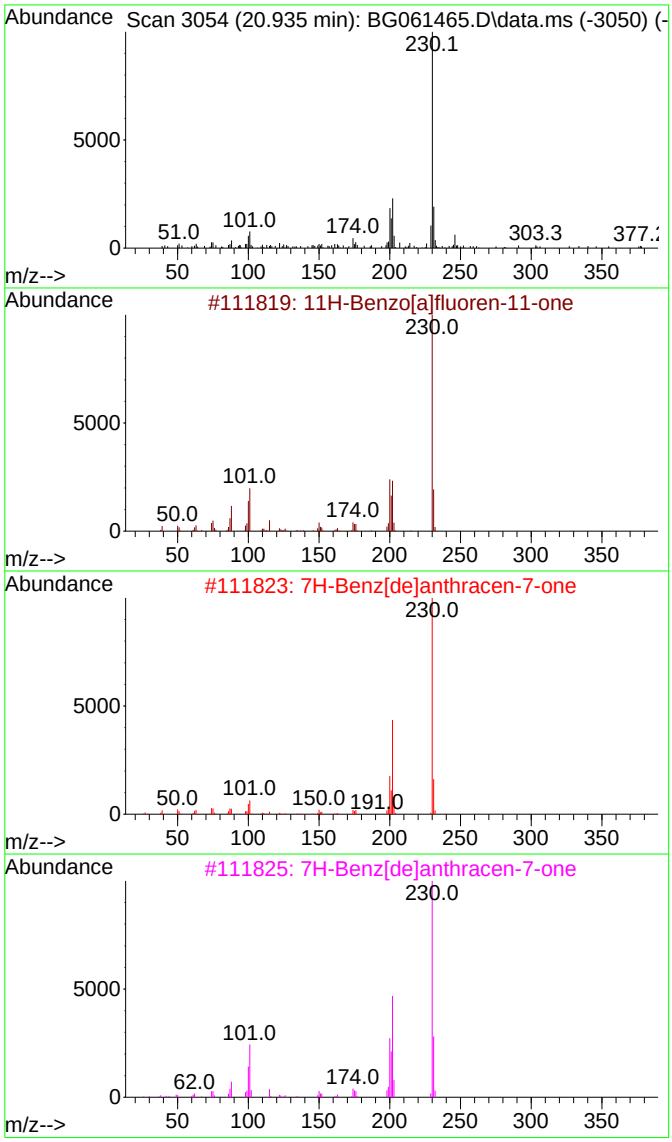
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

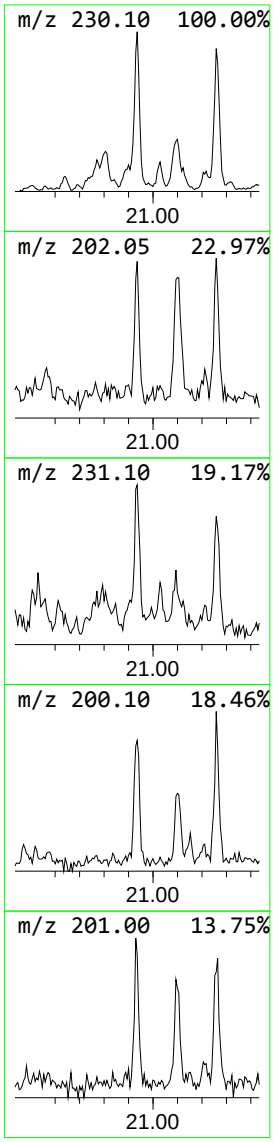
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.935	2.06 ng/ul	106994	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
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	76
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





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Data File : BG061465.D
Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

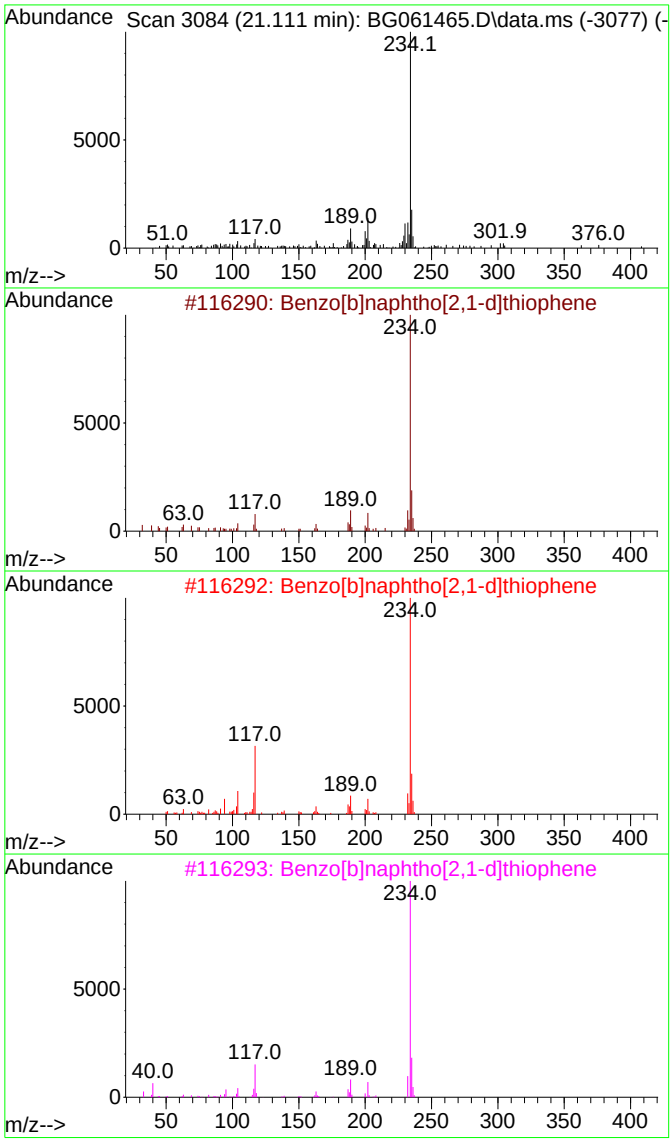
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

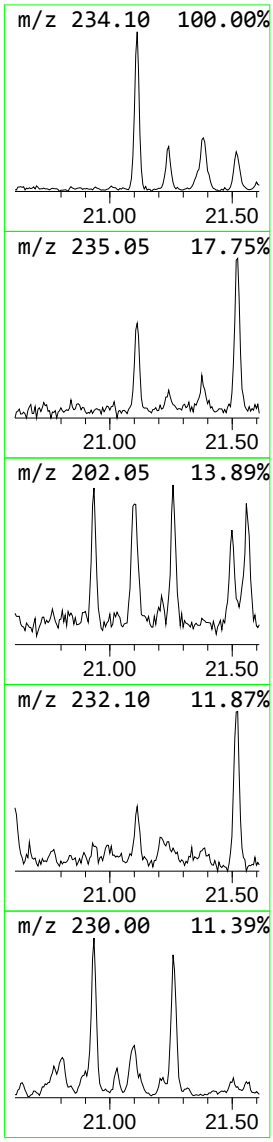
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.111	2.28 ng/ul	118777	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
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	83
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	80
5	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	76





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Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

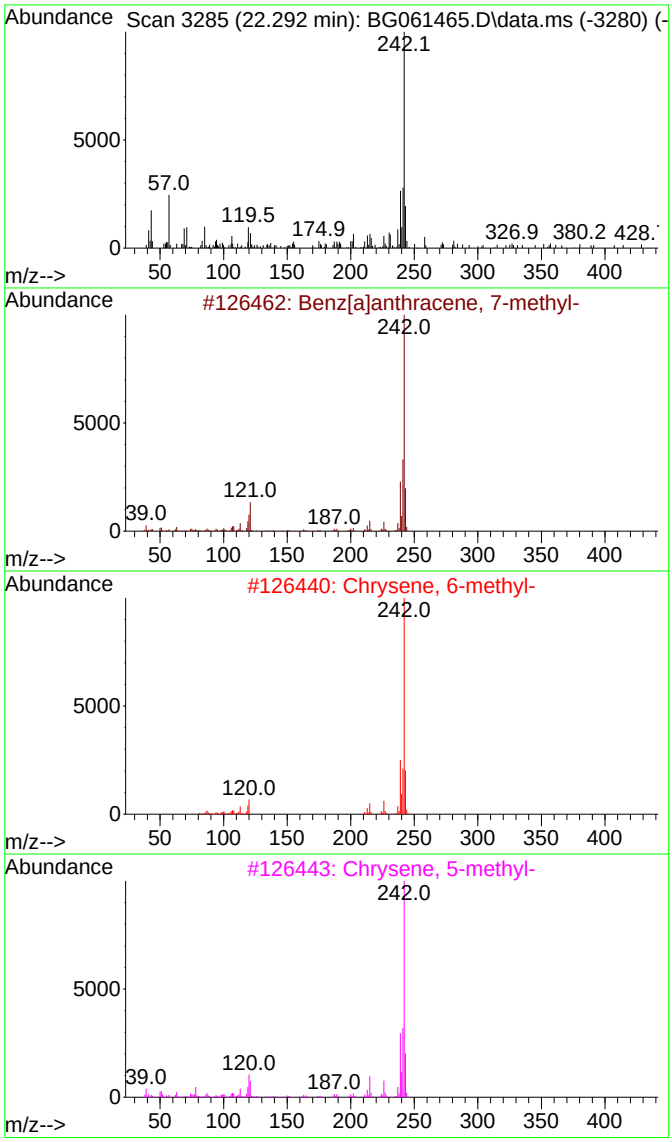
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

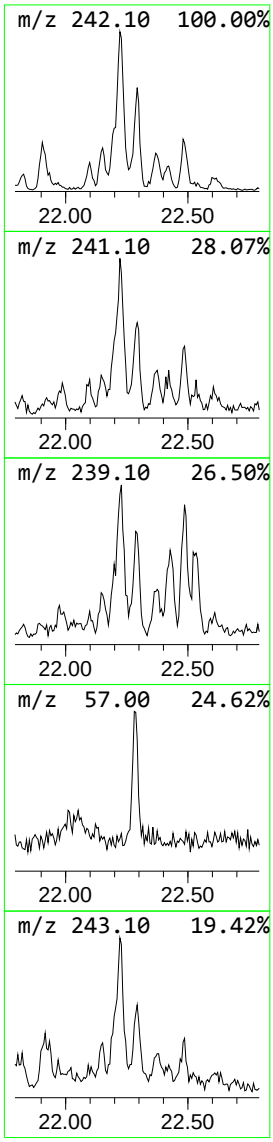
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benz[a]anthracene, 7-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.292	2.15 ng/ul	111705	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	81
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	81
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	81
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	74





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Data File : BG061465.D
Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

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

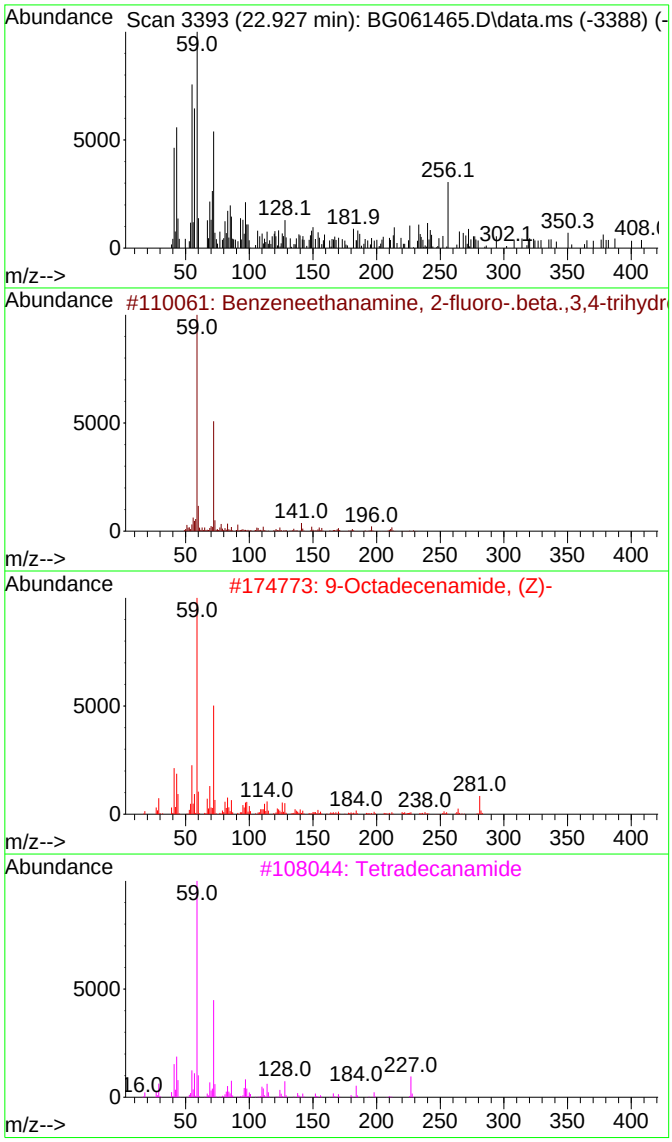
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

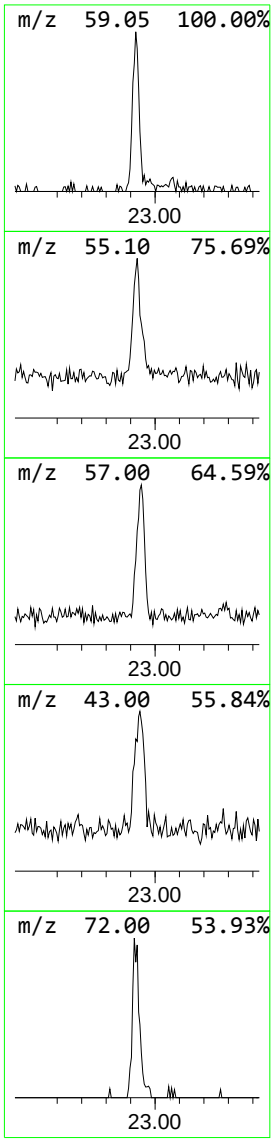
****

Peak Number 21 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.927	3.32 ng/ul	172725	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	49
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	47
3	Tetradecanamide	227	C14H29NO	000638-58-4	47
4	Decanamide-	171	C10H21NO	002319-29-1	47
5	Hexadecanamide	255	C16H33NO	000629-54-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061465.D
Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

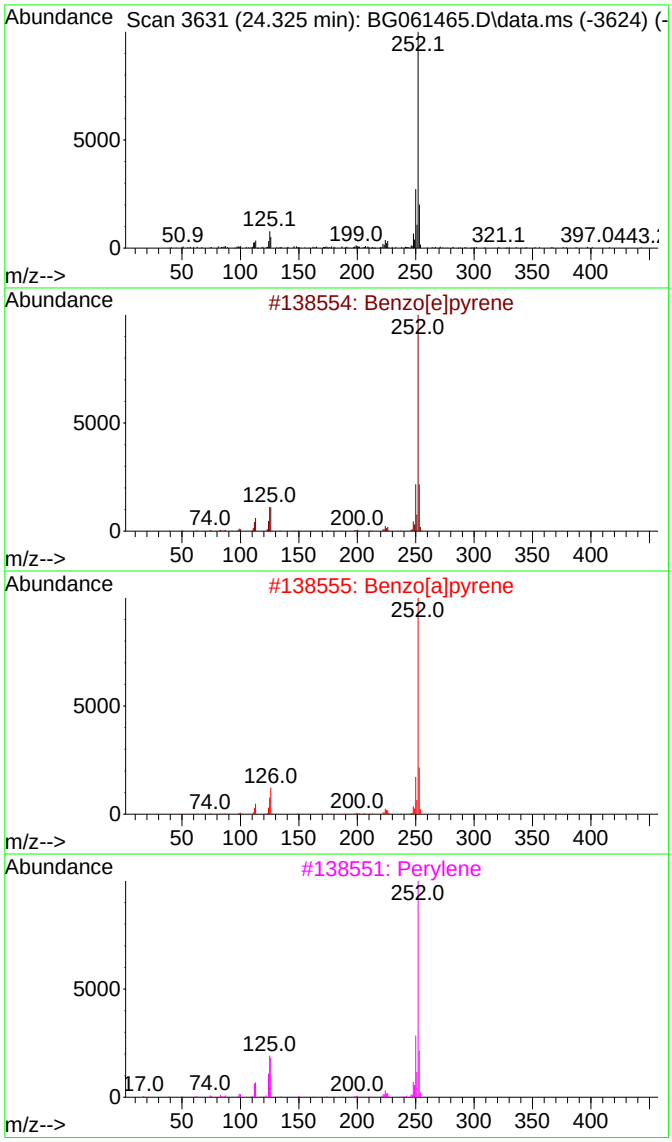
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

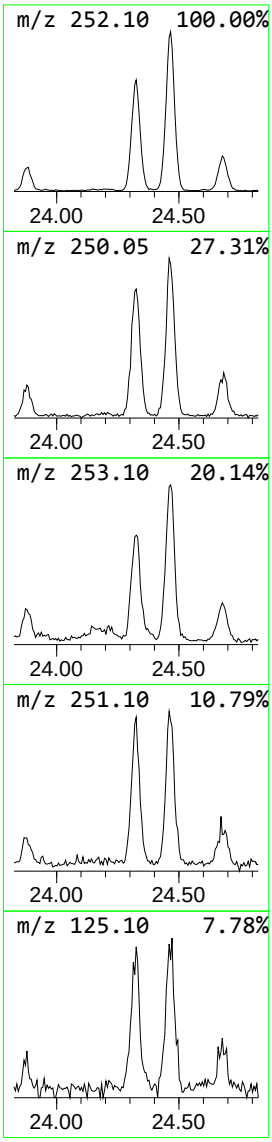
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.325	7.96 ng/ul	260172	Perylene-d12	24.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Perylene	252	C20H12	000198-55-0	89
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061465.D
Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL6

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...	3.074	181.1	ng/ul	1762500	1	7.874	194624	20.0
1-Phenoxypropan...	11.411	3.1	ng/ul	42857	2	10.671	279258	20.0
Dibenzothiophene	17.081	2.3	ng/ul	57808	4	17.263	503562	20.0
2-Methyldibenzo...	17.845	2.1	ng/ul	52725	4	17.263	503562	20.0
Phenanthrene, 1...	18.138	6.7	ng/ul	169153	4	17.263	503562	20.0
Phenanthrene, 2...	18.191	7.6	ng/ul	191311	4	17.263	503562	20.0
4-Bromothiophen...	18.332	8.6	ng/ul	215536	4	17.263	503562	20.0
Anthracene, 9-m...	18.373	4.2	ng/ul	105599	4	17.263	503562	20.0
Naphthalene, 2-...	18.638	3.6	ng/ul	91127	4	17.263	503562	20.0
9,10-Anthracene...	18.685	4.2	ng/ul	105194	4	17.263	503562	20.0
9,10-Dimethylan...	19.055	6.2	ng/ul	155537	4	17.263	503562	20.0
Phenanthrene, 1...	19.114	2.7	ng/ul	67083	4	17.263	503562	20.0
unknown-01	19.202	2.7	ng/ul	66912	4	17.263	503562	20.0
unknown-02	19.231	6.2	ng/ul	156755	4	17.263	503562	20.0
Pyrene, 1-methyl-	20.018	2.8	ng/ul	146002	5	21.517	1040550	20.0
11H-Benzo[b]flu...	20.177	4.7	ng/ul	244569	5	21.517	1040550	20.0
Pyrene, 2-methyl-	20.342	2.2	ng/ul	113618	5	21.517	1040550	20.0
11H-Benzo[a]flu...	20.935	2.1	ng/ul	106994	5	21.517	1040550	20.0
Benzo[b]naphtho...	21.111	2.3	ng/ul	118777	5	21.517	1040550	20.0
Benz[a]anthrace...	22.292	2.1	ng/ul	111705	5	21.517	1040550	20.0
unknown-03	22.927	3.3	ng/ul	172725	5	21.517	1040550	20.0
Benzo[e]pyrene	24.325	8.0	ng/ul	260172	6	24.607	653806	20.0