LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

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: BG061508.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.100	8	19	45	rVB	790286	2751695	100.00%	13.175%
2	3.776	128	134	145	rBV4	14982	41608	1.51%	0.199%
3	3.882	145	152	161	rVV2	26429	58808	2.14%	0.282%
4	4.646	277	282	291	rVB3	8565	17768	0.65%	0.085%
5	4.998	336	342	348	rBV2	10318	20946	0.76%	0.100%
6	7.072	689	695	705	rVB	105335	205541	7.47%	0.984%
7	7.207	711	718	726	rBV	74384	130196	4.73%	0.623%
8	7.419	747	754	761	rVV	106194	192847	7.01%	0.923%
9	7.877	822	832	841	rBV	116348	199960	7.27%	0.957%
10	8.600	949	955	965	rBV	115574	205043	7.45%	0.982%
11	8.694	965	971	978	rVV2	15176	27750	1.01%	0.133%
12	9.035	1022	1029	1035	rBV	116249	201320	7.32%	0.964%
13	9.757	1144	1152	1159	rVV	107953	187325	6.81%	0.897%
14	10.310	1239	1246	1253	rBV	136762	248888	9.04%	1.192%
15	10.668	1296	1307	1313	rBV	148441	267735	9.73%	1.282%
16	10.809	1324	1331	1340	rVV	45641	90355	3.28%	0.433%
17	11.414	1428	1434	1439	rBV3	9523	17620	0.64%	0.084%
18	12.331	1583	1590	1599	rBV2	7963	15307	0.56%	0.073%
19	13.335	1755	1761	1765	rBV5	7587	13127	0.48%	0.063%
20	13.829	1840	1845	1850	rVB3	8704	15055	0.55%	0.072%
21	13.917	1850	1860	1866	rBV	244796	355482	12.92%	1.702%
22	14.205	1902	1909	1920	rVB	266371	417338	15.17%	1.998%
23	14.511	1950	1961	1967	rBV	223459	344078	12.50%	1.647%
24	14.575	1967	1972	1979	rVB3	14969	23839	0.87%	0.114%
25	14.763	1998	2004	2015	rVB2	61998	121828	4.43%	0.583%
26	14.910	2026	2029	2033	rVB	13296	17032	0.62%	0.082%
27	15.503	2122	2130	2136	rVV	335099	503211	18.29%	2.409%
28	15.556	2136	2139	2143	rVV4	15938	22968	0.83%	0.110%
29	15.650	2150	2155	2165	rVV	93582	146244	5.31%	0.700%
30	15.856	2184	2190	2197	rVB5	8132	16070	0.58%	0.077%
31	16.244	2248	2256	2260	rBV6	14514	32872	1.19%	0.157%
32	16.755	2340	2343	2347	rBV4	14112	16595	0.60%	0.079%
33	16.919	2366	2371	2377	rVB3	21245	34643	1.26%	0.166%
34	17.013	2379	2387	2390	rBV6	11018	21777	0.79%	0.104%
35	17.078	2390	2398	2406	rVB2	13184	28972	1.05%	0.139%
36	17.172	2409	2414	2419	rBV4	9934	17048	0.62%	0.082%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

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	17.260	2419	2429	2433	rBV	293692	446062	16.21%	2.136%
38	17.301	2433	2436	2441	rVB	249405	358509	13.03%	1.717%
39	17.360	2441	2446	2451	rBV	360467	535919	19.48%	2.566%
40	17.460	2457	2463	2469	rBV5	11010	25848	0.94%	0.124%
41	17.583	2480	2484	2488	rVB3	12178	18974	0.69%	0.091%
42	17.666	2494	2498	2504	rVV	24807	43026	1.56%	0.206%
43	17.754	2508	2513	2515	rBV4	8570	13090	0.48%	0.063%
44	17.848	2525	2529	2537	rVB4	20460	36165	1.31%	0.173%
45	18.136	2574	2578	2580	rBV	55370	72792	2.65%	0.349%
46	18.159	2580	2582	2584	rVV3	63677	82274	2.99%	0.394%
47	18.183	2584	2586	2591	rVB	86319	118159	4.29%	0.566%
48	18.330	2606	2611	2616	rBV3	87259	165421	6.01%	0.792%
49	18.371	2616	2618	2623	rVB2	42997	50360	1.83%	0.241%
50	18.447	2627	2631	2635	rBV4	12586	19831	0.72%	0.095%
51	18.529	2642	2645	2650	rVB7	14925	21170	0.77%	0.101%
52	18.635	2659	2663	2667	rBV	51702	70547	2.56%	0.338%
53	18.688	2667	2672	2677	rVB2	70571	100928	3.67%	0.483%
54	18.882	2698	2705	2711	rBV8	27493	62651	2.28%	0.300%
55	18.935	2711	2714	2718	rBV	25769	33863	1.23%	0.162%
56	18.976	2718	2721	2724	rVB2	19347	22613	0.82%	0.108%
57	19.058	2730	2735	2738	rBV2	50981	83765	3.04%	0.401%
58	19.152	2748	2751	2754	rVB	17185	21448	0.78%	0.103%
59	19.205	2754	2760	2768	rBV4	49645	114997	4.18%	0.551%
60	19.323	2772	2780	2787	rBV	913057	1304988	47.42%	6.248%
61	19.381	2787	2790	2793	rBV2	19145	22729	0.83%	0.109%
62	19.434	2793	2799	2803	rBV6	42135	80839	2.94%	0.387%
63	19.522	2810	2814	2818	rBV5	14987	31679	1.15%	0.152%
64	19.563	2819	2821	2824	rVB2	16870	18741	0.68%	0.090%
65	19.657	2831	2837	2839	rBV2	567414	812610	29.53%	3.891%
66	19.687	2839	2842	2849	rVV	702180	944691	34.33%	4.523%
67	19.757	2849	2854	2858	rVV2	43744	64905	2.36%	0.311%
68	19.863	2868	2872	2878	rVB	34966	59971	2.18%	0.287%
69	19.922	2878	2882	2886	rVB3	26232	39852	1.45%	0.191%
70	20.004	2890	2896	2904	rBV4	55792	153364	5.57%	0.734%
71	20.139	2914	2919	2921	rBV4	45000	72822	2.65%	0.349%
72	20.180	2921	2926	2931	rVB	125113	214787	7.81%	1.028%
73	20.280	2939	2943	2947	rBV	79950	103633	3.77%	0.496%
74	20.339	2947	2953	2956	rVV2	75321	127234	4.62%	0.609%
75	20.374	2956	2959	2963	rVB2	34151	42728	1.55%	0.205%
76	20.480	2973	2977	2980	rBV	48438	64834	2.36%	0.310%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

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	20.521	2980	2984	2988	rVV	51448	73577	2.67%	0.352%
78	20.686	3010	3012	3016	rVB3	26896	25754	0.94%	0.123%
79	20.733	3017	3020	3023	rBV5	20076	32264	1.17%	0.154%
80	20.938	3051	3055	3062	rVB	88832	137094	4.98%	0.656%
81	21.109	3079	3084	3088	rBV3	83319	144698	5.26%	0.693%
82	21.150	3088	3091	3093	rBV	53740	61850	2.25%	0.296%
83	21.261	3106	3110	3116	rVB	88397	150527	5.47%	0.721%
84	21.408	3131	3135	3139	rVB	108594	147072	5.34%	0.704%
85	21.508	3146	3152	3158	rBV4	536190	1332860	48.44%	6.382%
86	21.567	3158	3162	3174	rVB	473320	766530	27.86%	3.670%
87	21.708	3182	3186	3193	rBV	78072	151560	5.51%	0.726%
88	22.290	3281	3285	3295	rVB3	63423	161158	5.86%	0.772%
89	22.484	3315	3318	3323	rBV2	41501	71290	2.59%	0.341%
90	23.283	3449	3454	3466	rVB4	61816	142085	5.16%	0.680%
91	23.641	3506	3515	3522	rBV	384330	1173687	42.65%	5.620%
92	23.788	3535	3540	3549	rBV4	43134	128740	4.68%	0.616%
93	23.882	3552	3556	3566	rVB	59391	136103	4.95%	0.652%
94	24.088	3585	3591	3594	rBV7	18032	43451	1.58%	0.208%
95	24.328	3626	3632	3638	rBV2	80742	207998	7.56%	0.996%
96	24.405	3639	3645	3651	rVV	190199	469111	17.05%	2.246%
97	24.469	3651	3656	3668	rVB	191506	484280	17.60%	2.319%
98	24.616	3673	3681	3689	rVB	202889	508791	18.49%	2.436%
99	25.680	3859	3862	3870	rVB3	44997	91181	3.31%	0.437%
100	28.130	4268	4279	4298	rVB4	118204	535877	19.47%	2.566%

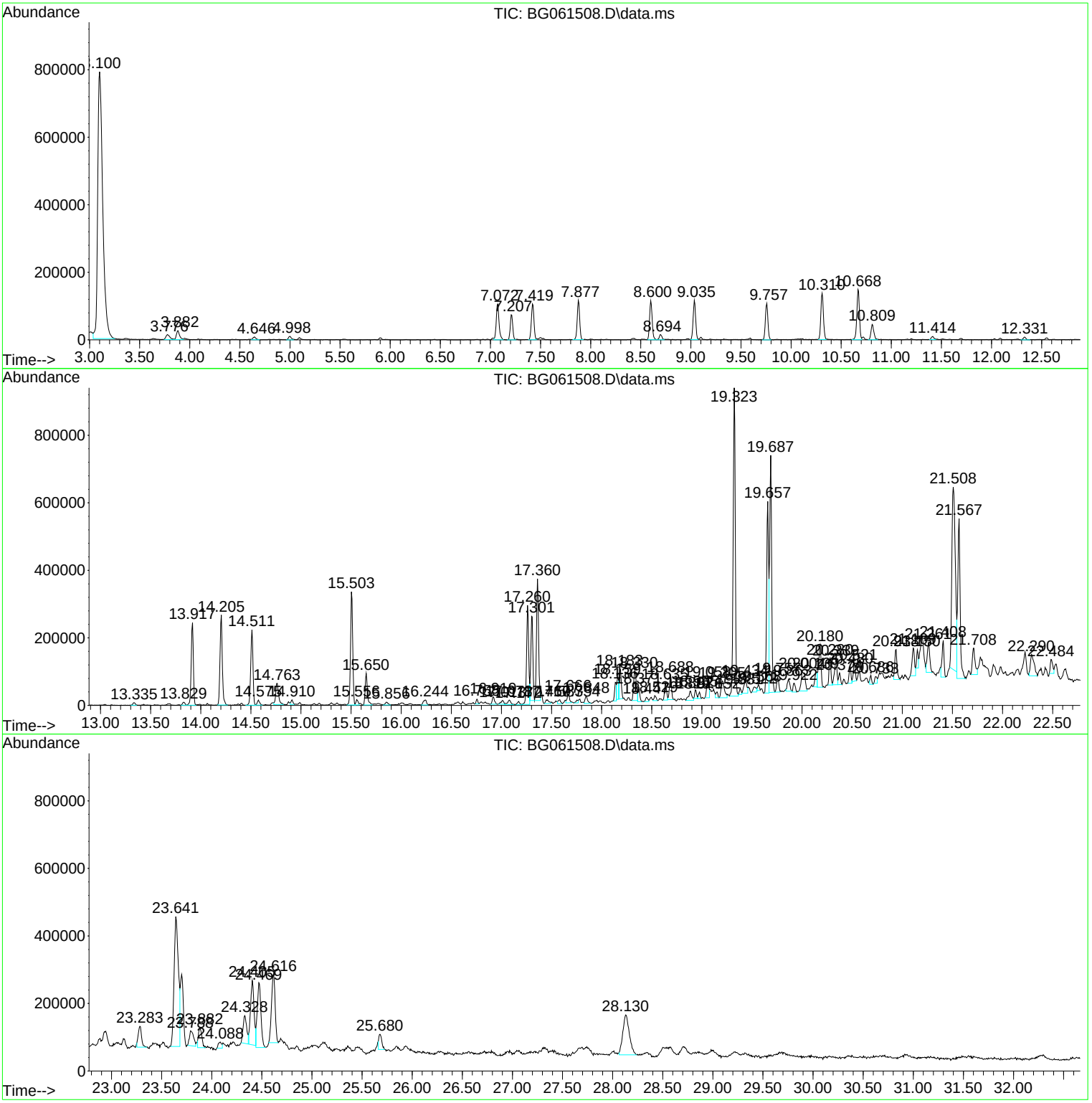
Sum of corrected areas: 20885248

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

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\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

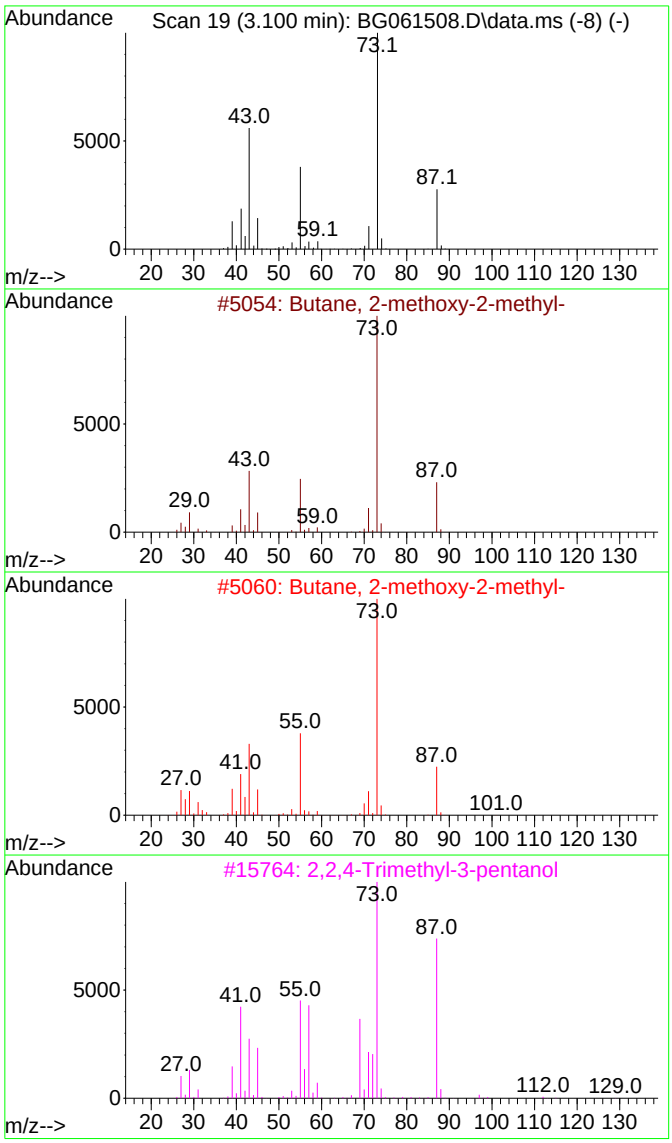
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

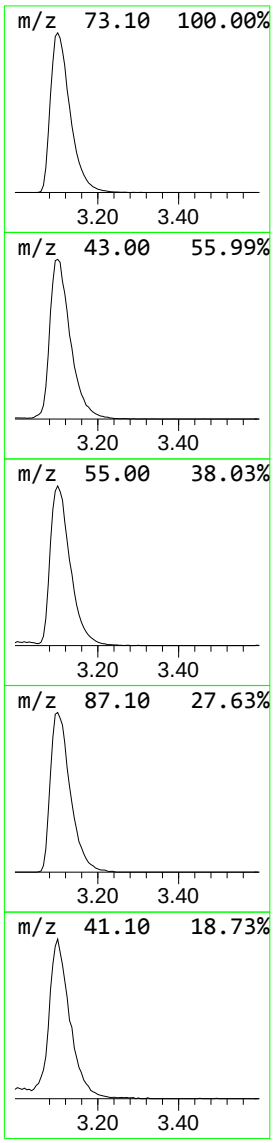
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.100	275.23 ng/ul	2751700	1,4-Dichlorobenzene-d4	7.877

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	40
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
5	2-OXOPROPIONAMIDE	87	C3H5NO2	000631-66-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

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

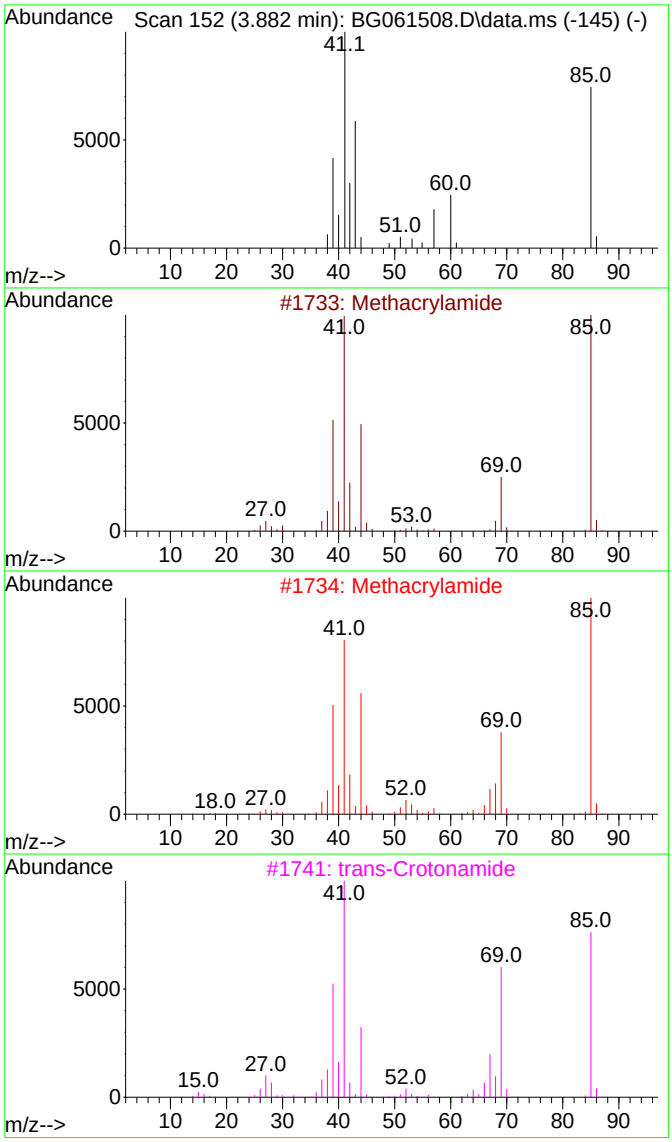
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

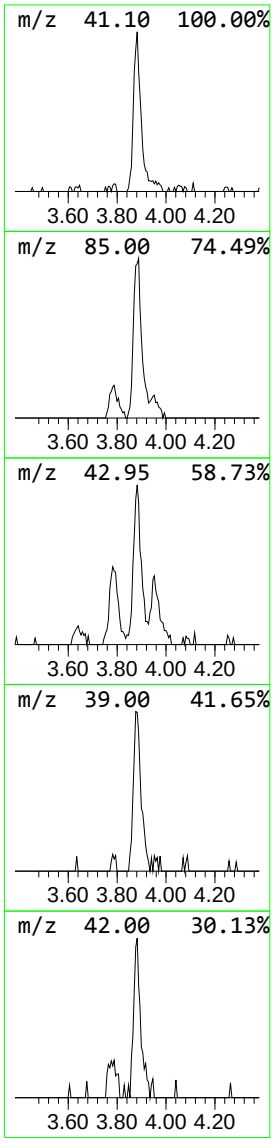
****

Peak Number 2 Methacrylamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.882	5.88 ng/ul	58808	1,4-Dichlorobenzene-d4	7.877

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	59
2	Methacrylamide	85	C4H7NO	000079-39-0	53
3	trans-Crotonamide	85	C4H7NO	000625-37-6	42
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	37
5	Methacrylamide	85	C4H7NO	000079-39-0	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

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

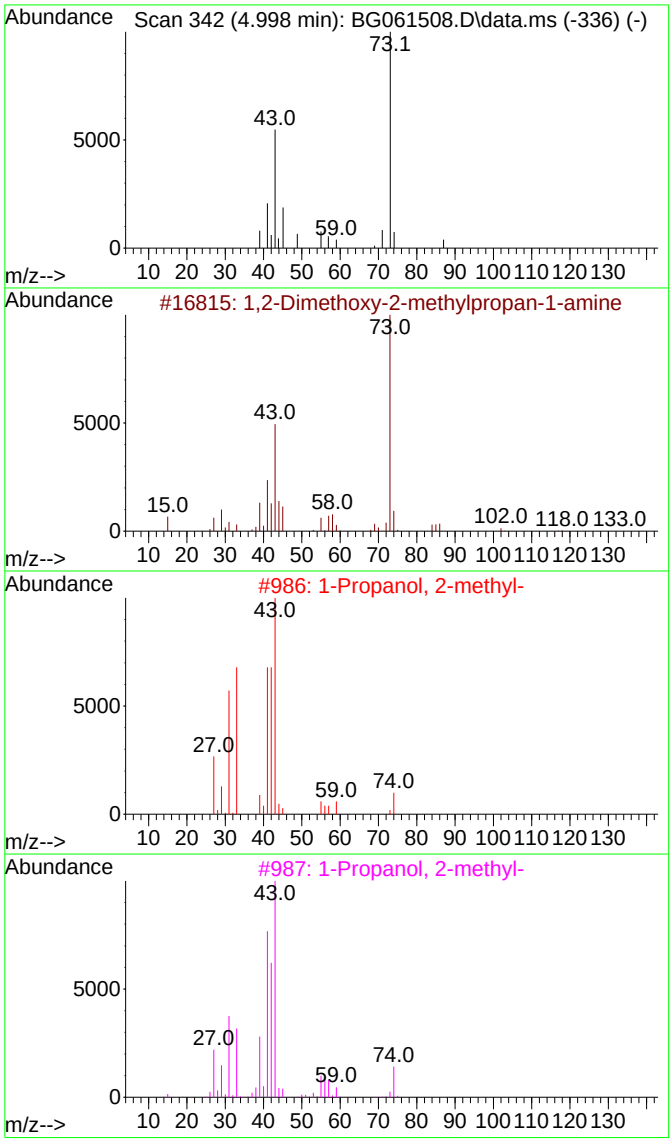
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

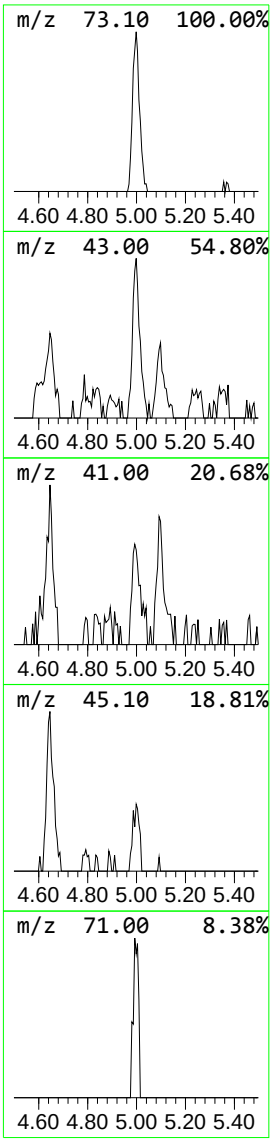
****

Peak Number 3 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.998	2.10 ng/ul	20946	1,4-Dichlorobenzene-d4	7.877

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dimethoxy-2-methylpropan-1-a...	133	C6H15NO2	1000445-17-2	36
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	Acetic acid, hydrazide	74	C2H6N2O	001068-57-1	9
5	2-(3-Bromopropyl)-[1,3]dioxolane	194	C6H11BrO2	062563-07-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

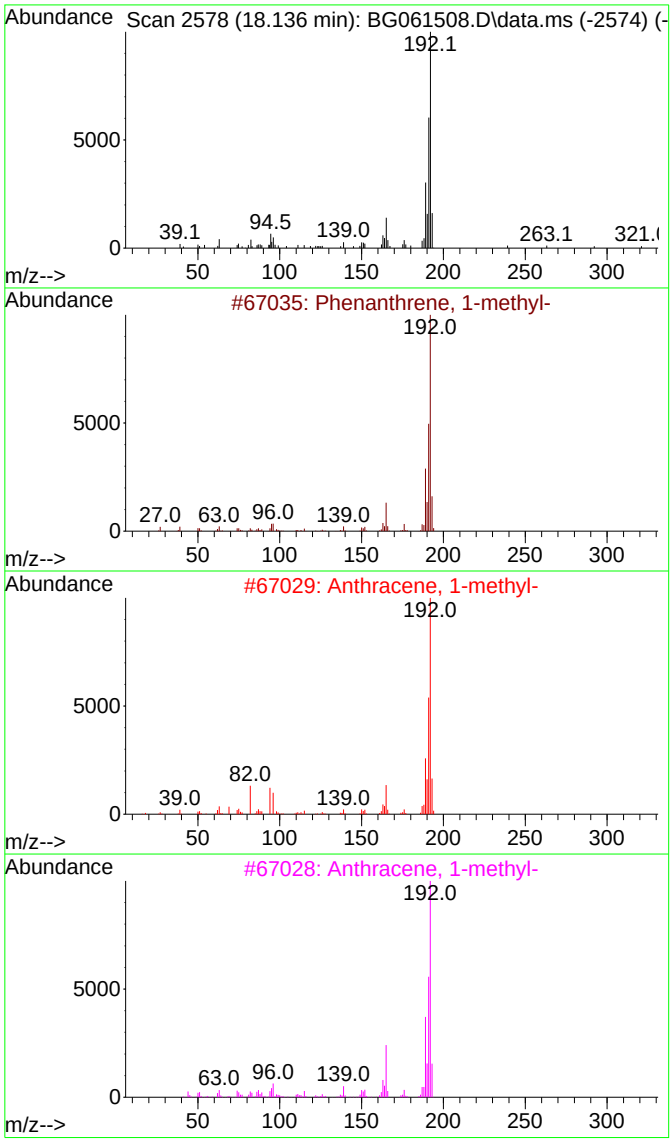
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

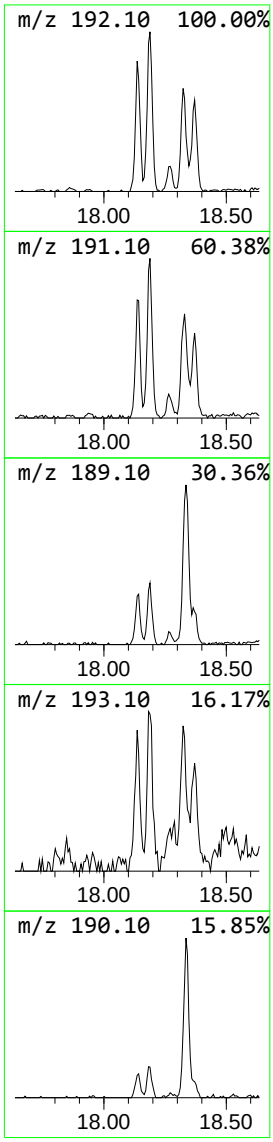
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.136	3.26 ng/ul	72792	Phenanthrene-d10	17.260

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

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

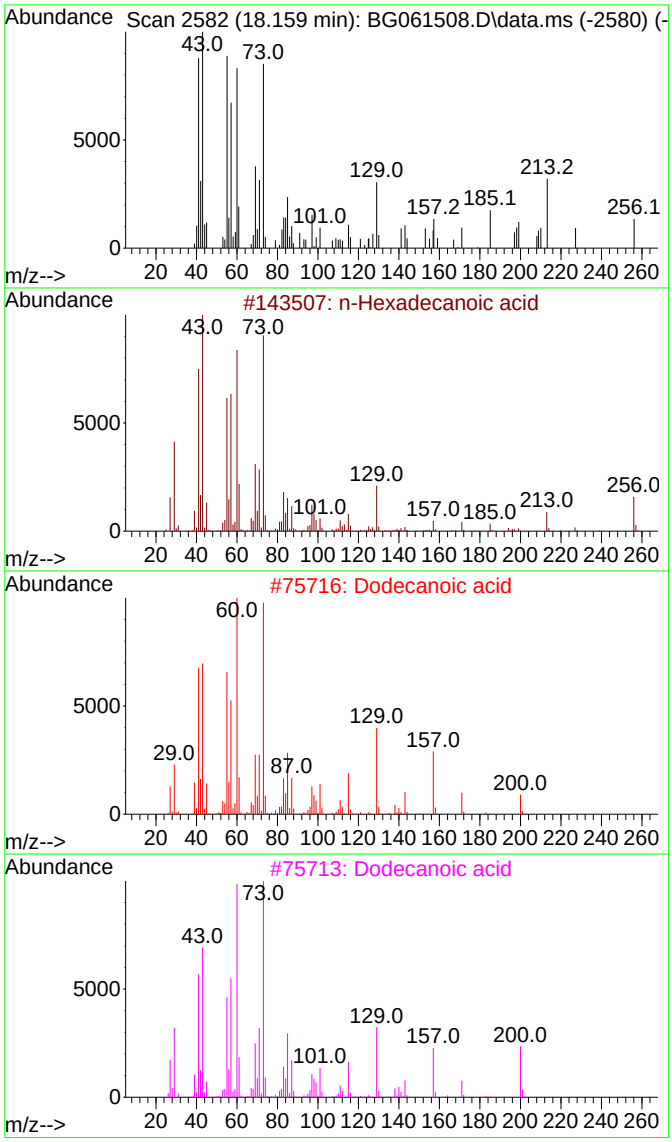
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

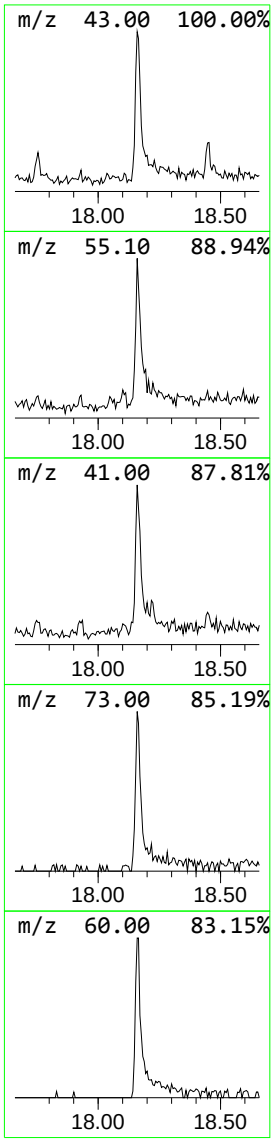
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.159	3.69 ng/ul	82274	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
2	Dodecanoic acid	200	C12H24O2	000143-07-7	58
3	Dodecanoic acid	200	C12H24O2	000143-07-7	53
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

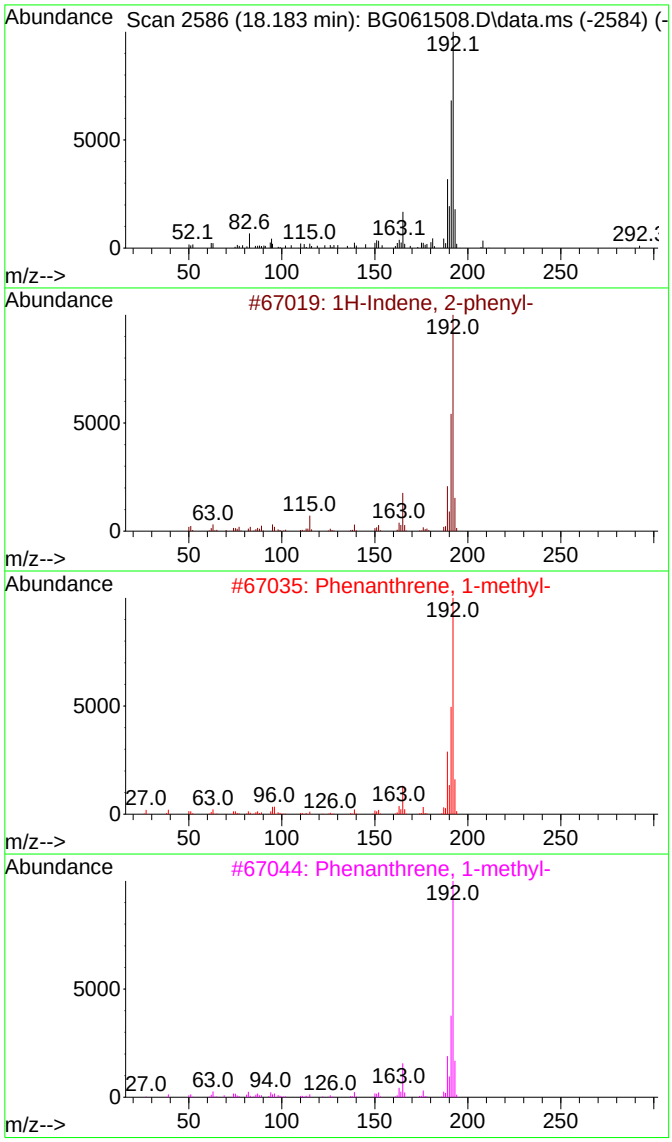
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

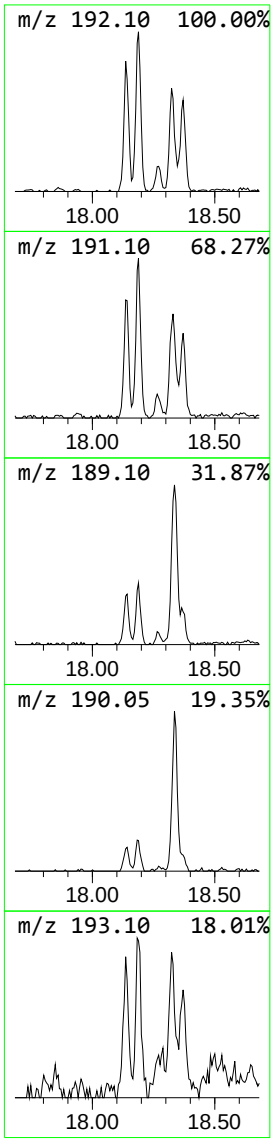
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.183	5.30 ng/ul	118159	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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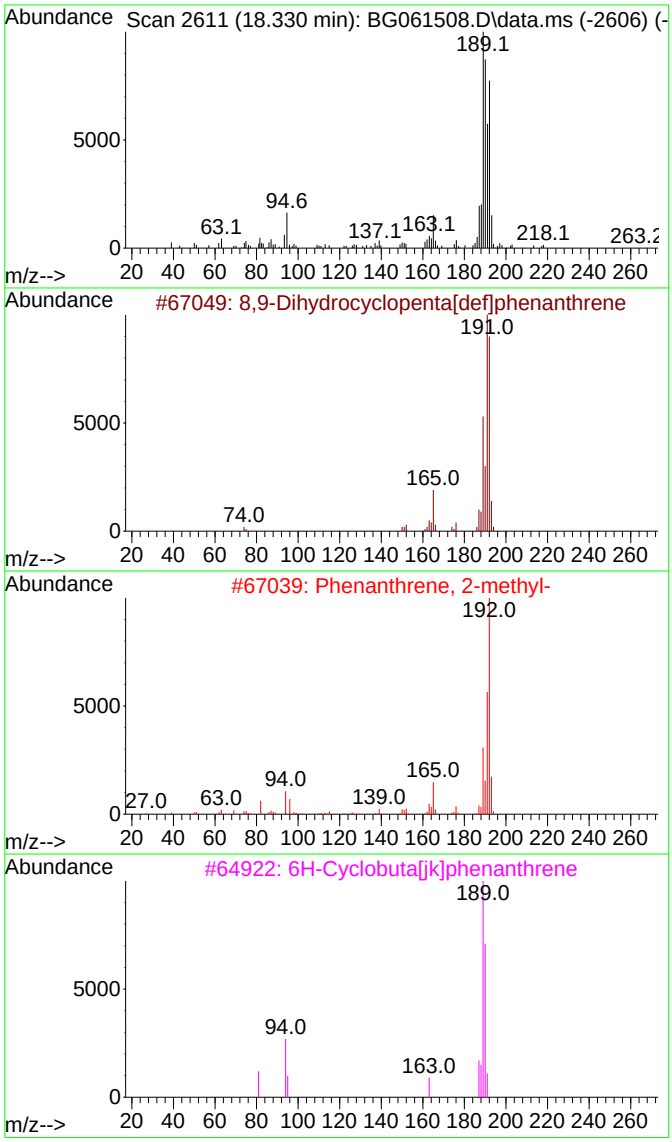
Quant Title : SVOA CALIBRATION

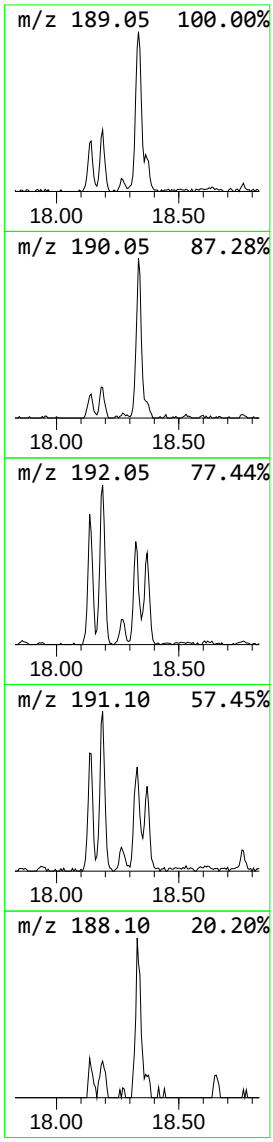
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 8,9-Dihydrocyclopenta[def]p... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.330	7.42 ng/ul	165421	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	80
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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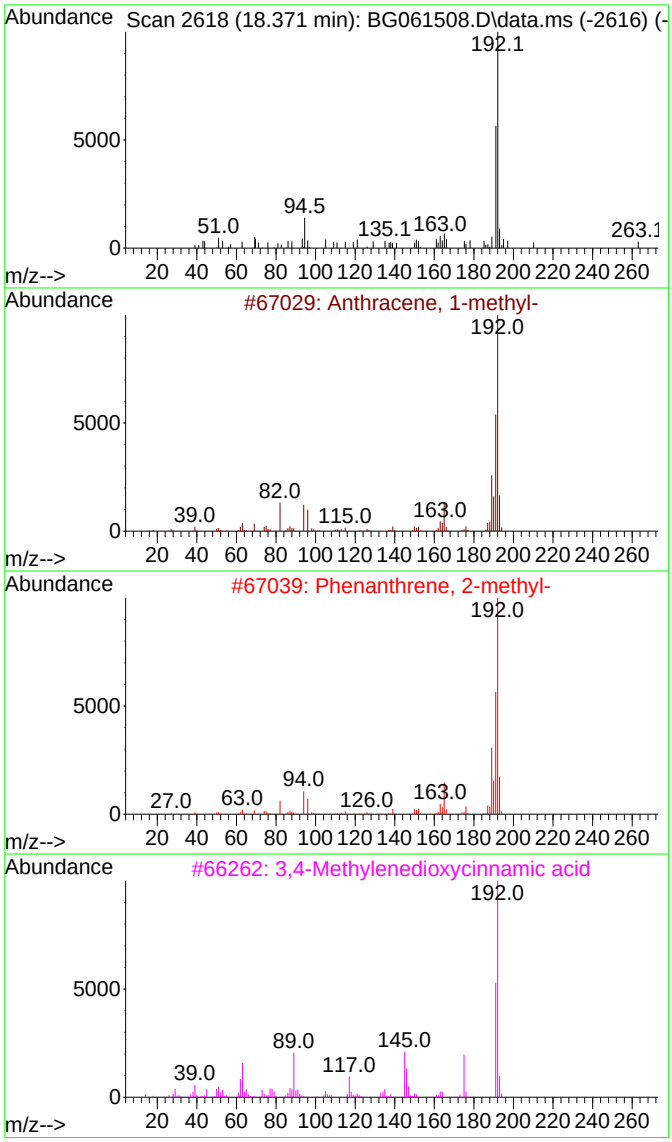
Quant Title : SVOA CALIBRATION

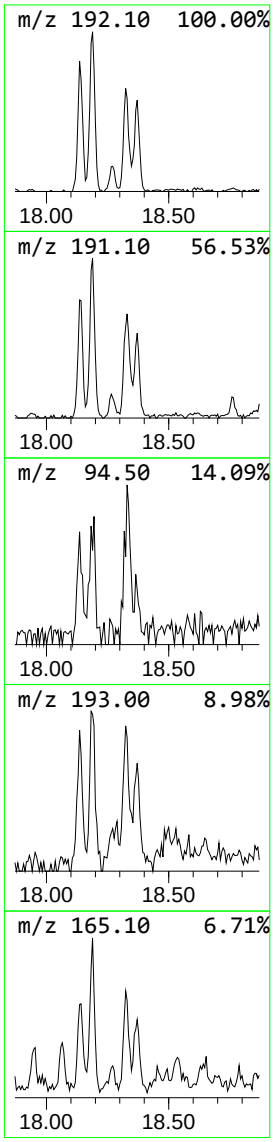
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.371	2.26 ng/ul	50360	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
3	3,4-Methylenedioxycinnamic acid	192	C10H8O4	002373-80-0	72
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	68





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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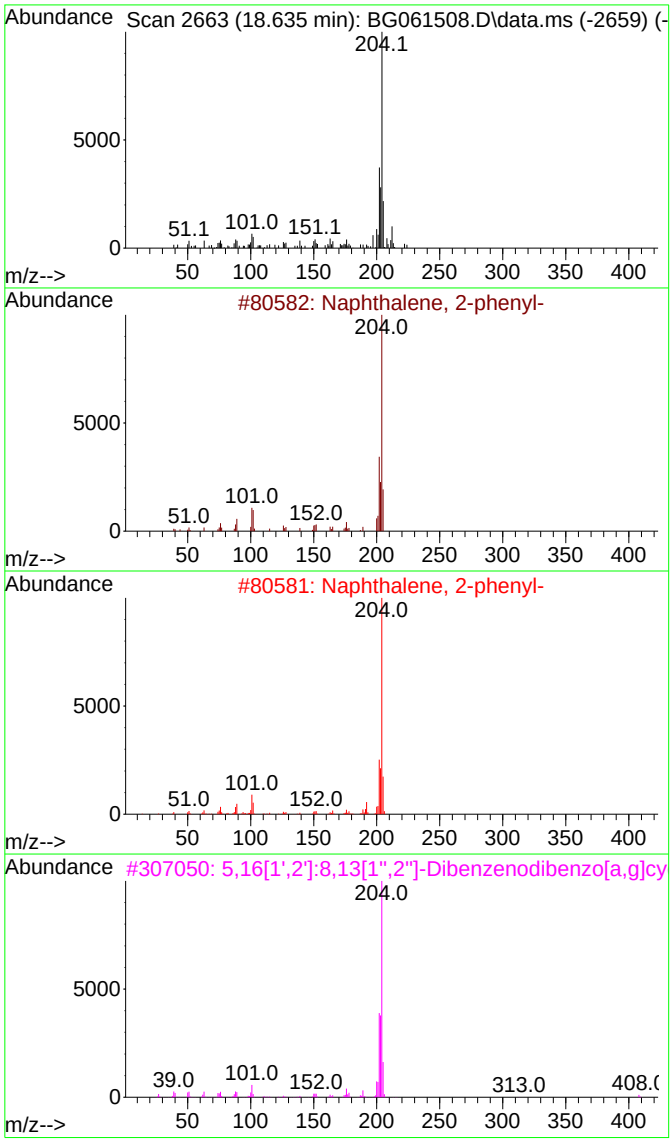
Quant Title : SVOA CALIBRATION

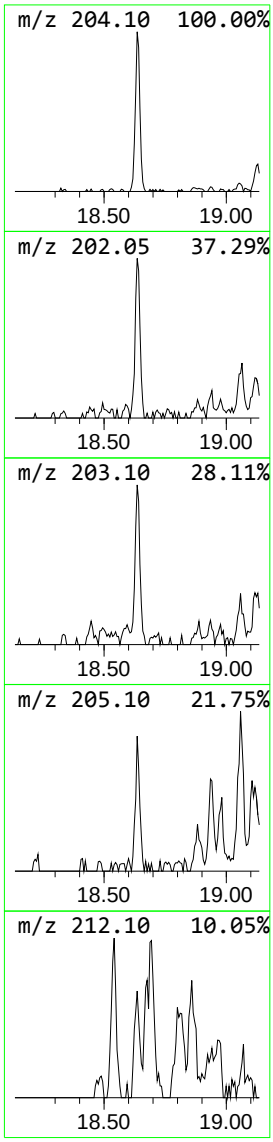
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.635	3.16 ng/ul	70547	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60





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Misc :
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Instrument :
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Quant Title : SVOA CALIBRATION

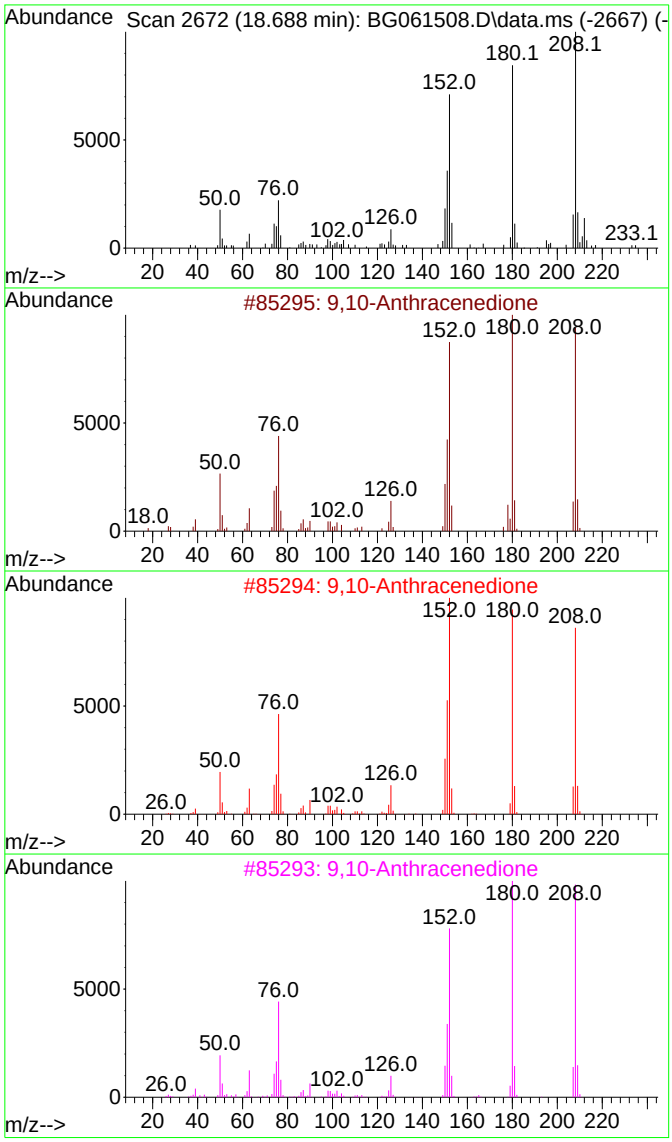
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

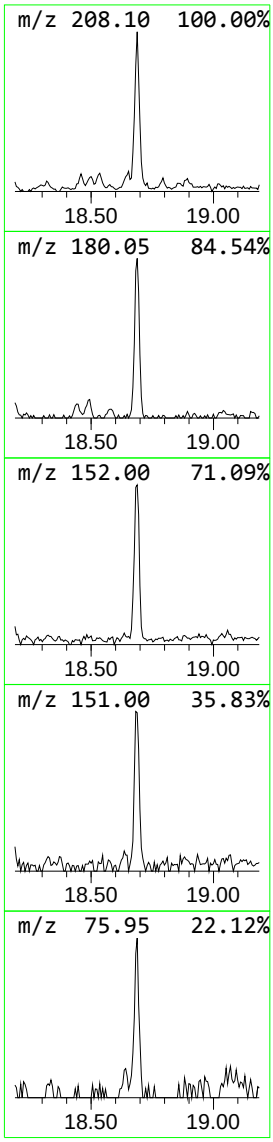
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.688	4.53 ng/ul	100928	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
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	1H-Phenalen-1-one	180	C13H8O	000548-39-0	87





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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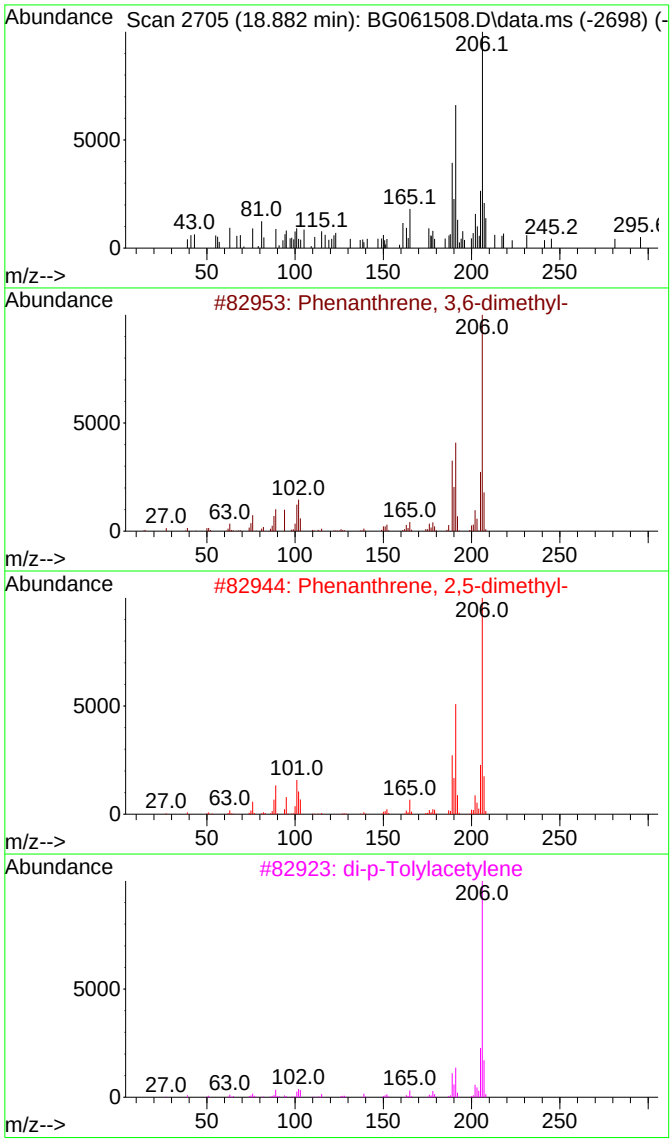
Quant Title : SVOA CALIBRATION

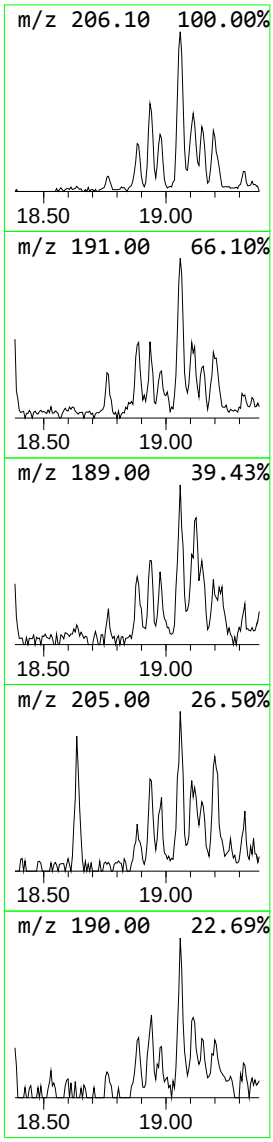
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.882	2.81 ng/ul	62651	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86





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Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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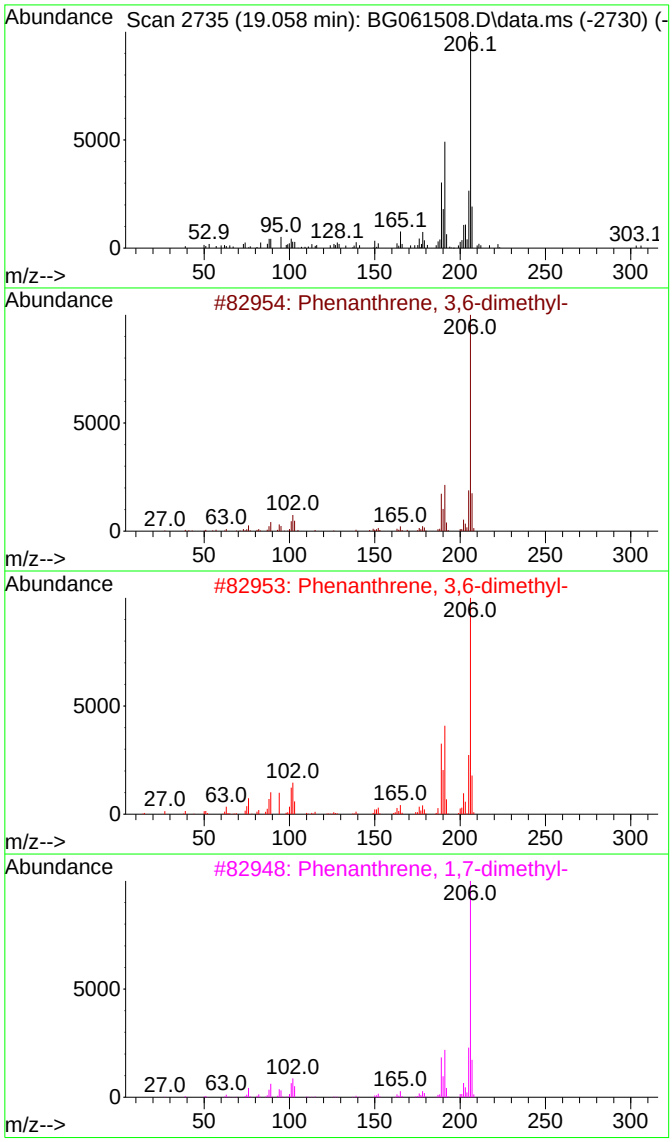
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

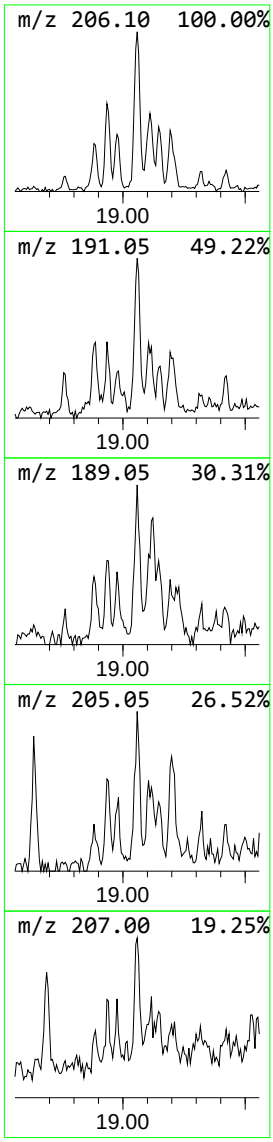
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.058	3.76 ng/ul	83765	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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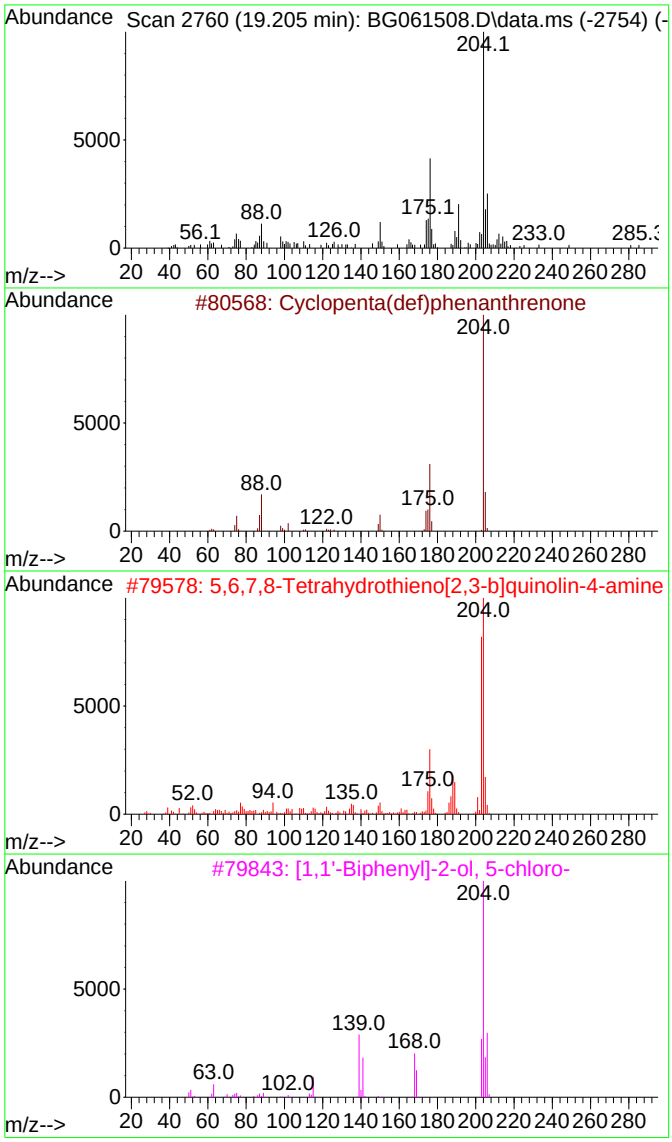
Quant Title : SVOA CALIBRATION

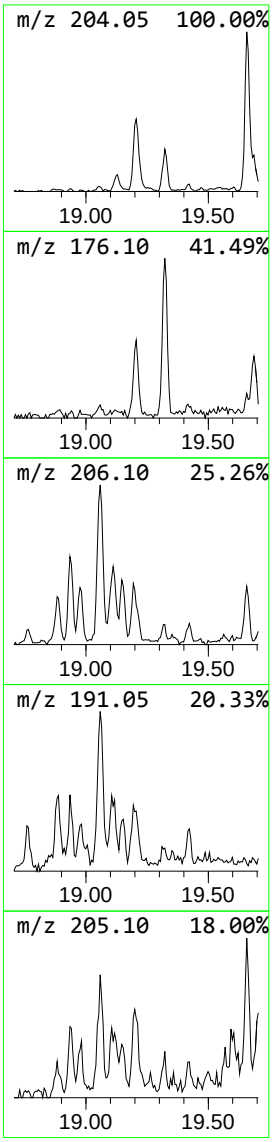
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.205	5.16 ng/ul	114997	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	68
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	3-(4-Fluorophenoxy)phenol	204	C12H9FO2	025967-60-6	38
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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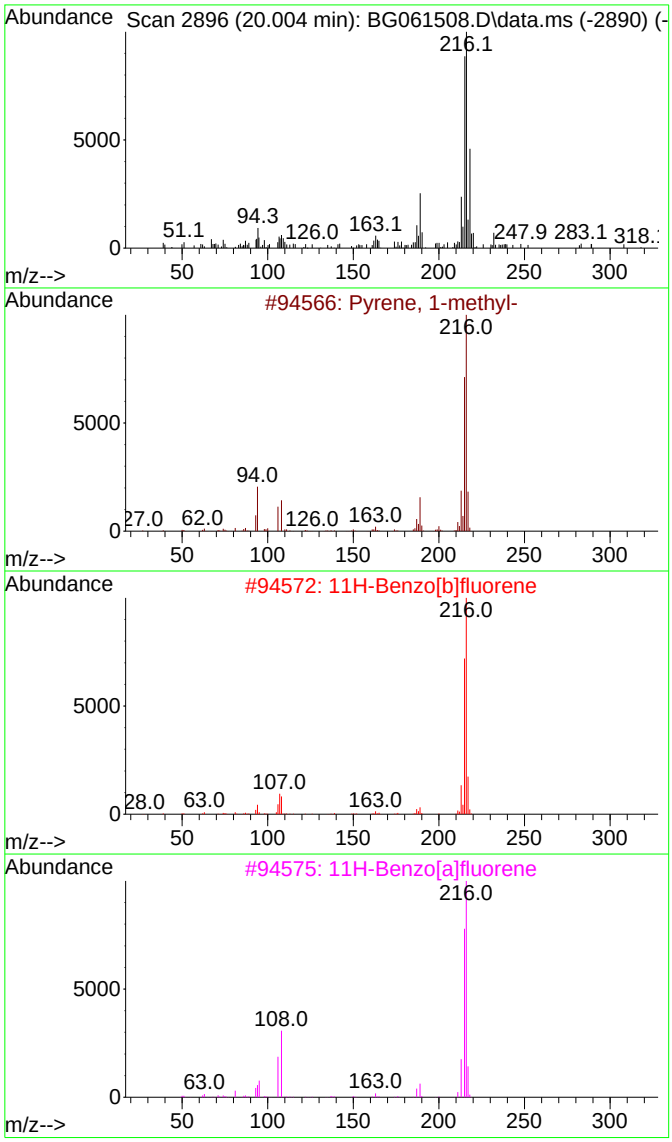
Quant Title : SVOA CALIBRATION

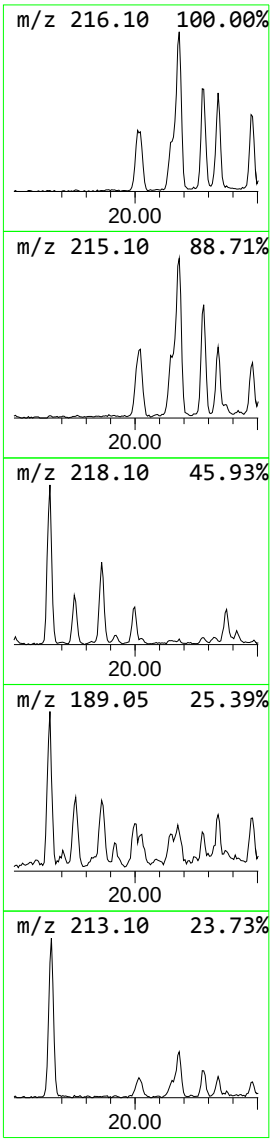
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.004	2.30 ng/ul	153364	Chrysene-d12	21.520

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58





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ALS Vial : 6 Sample Multiplier: 1

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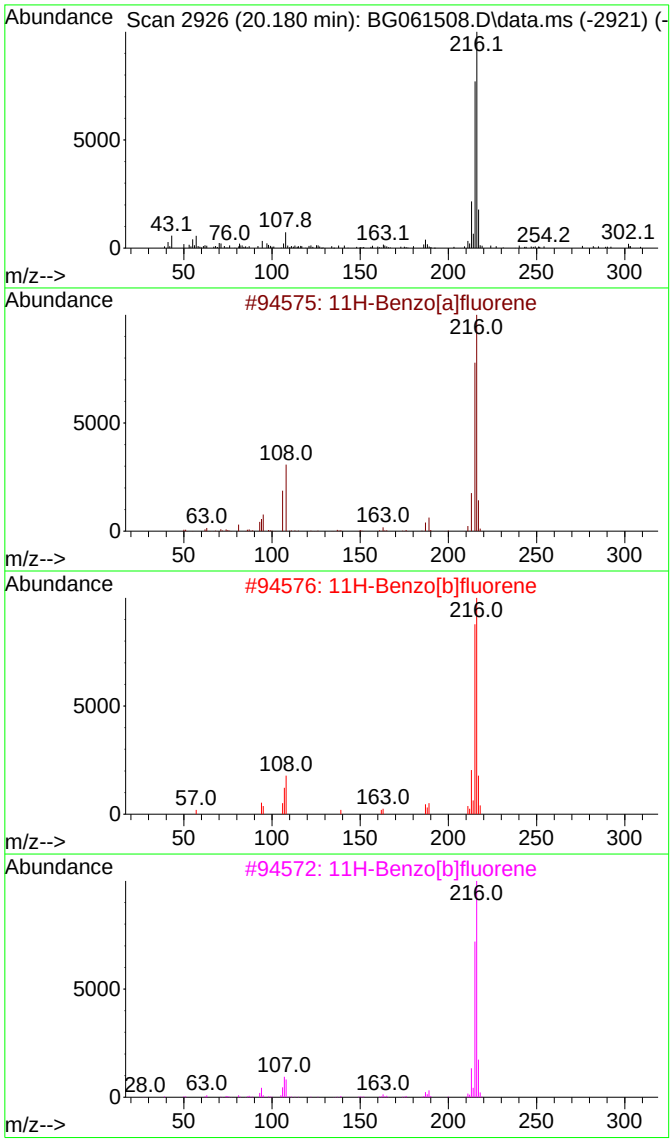
Quant Title : SVOA CALIBRATION

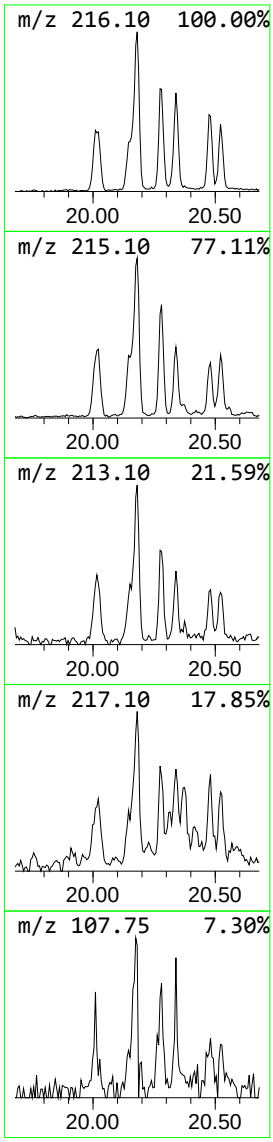
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	3.22 ng/ul	214787	Chrysene-d12	21.520

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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ALS Vial : 6 Sample Multiplier: 1

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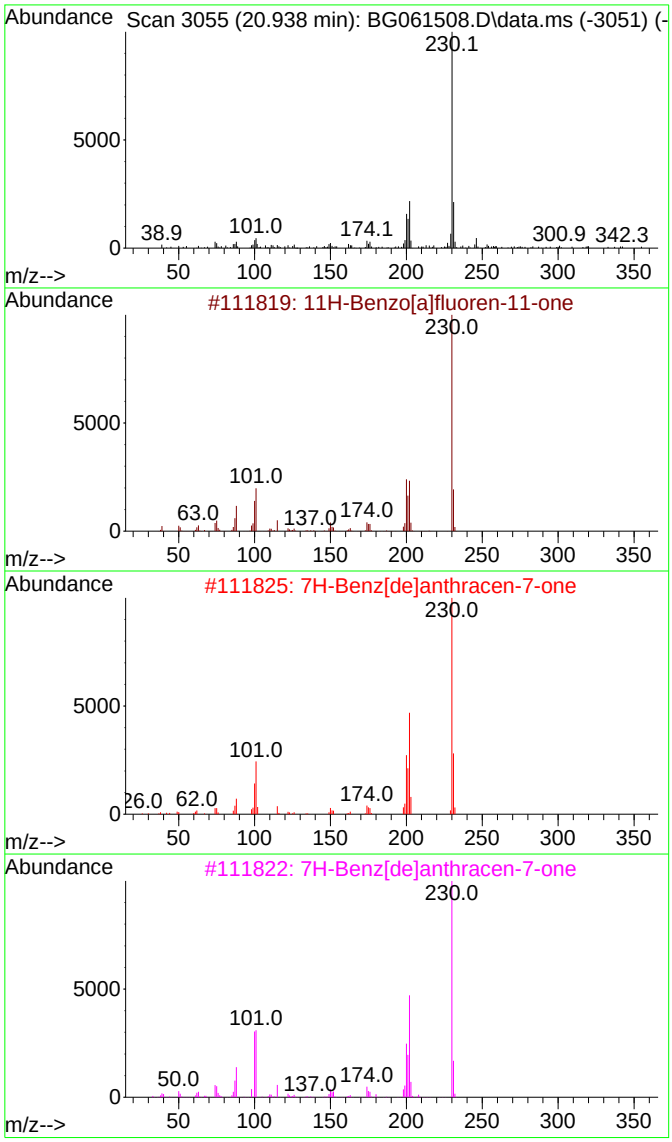
Quant Title : SVOA CALIBRATION

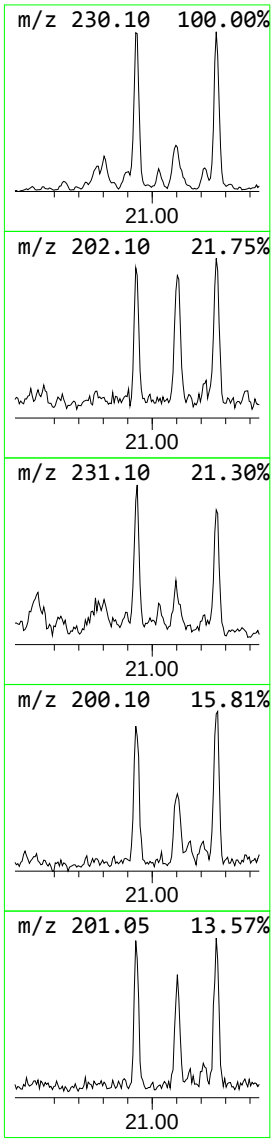
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.938	2.06 ng/ul	137094	Chrysene-d12	21.520

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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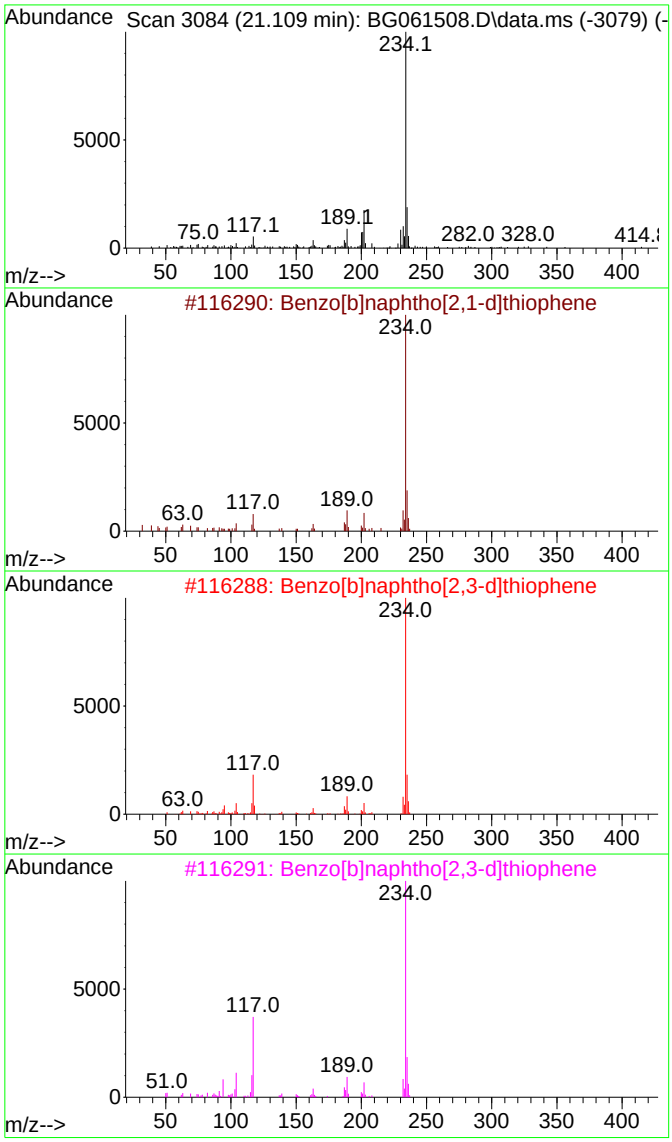
Quant Title : SVOA CALIBRATION

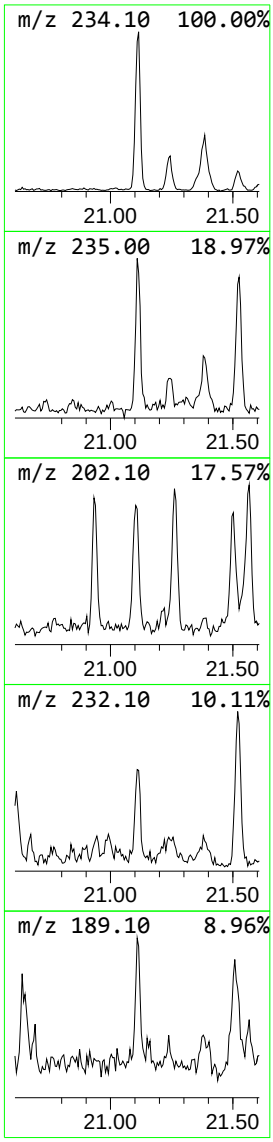
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.109	2.17 ng/ul	144698	Chrysene-d12	21.520

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	81





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Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

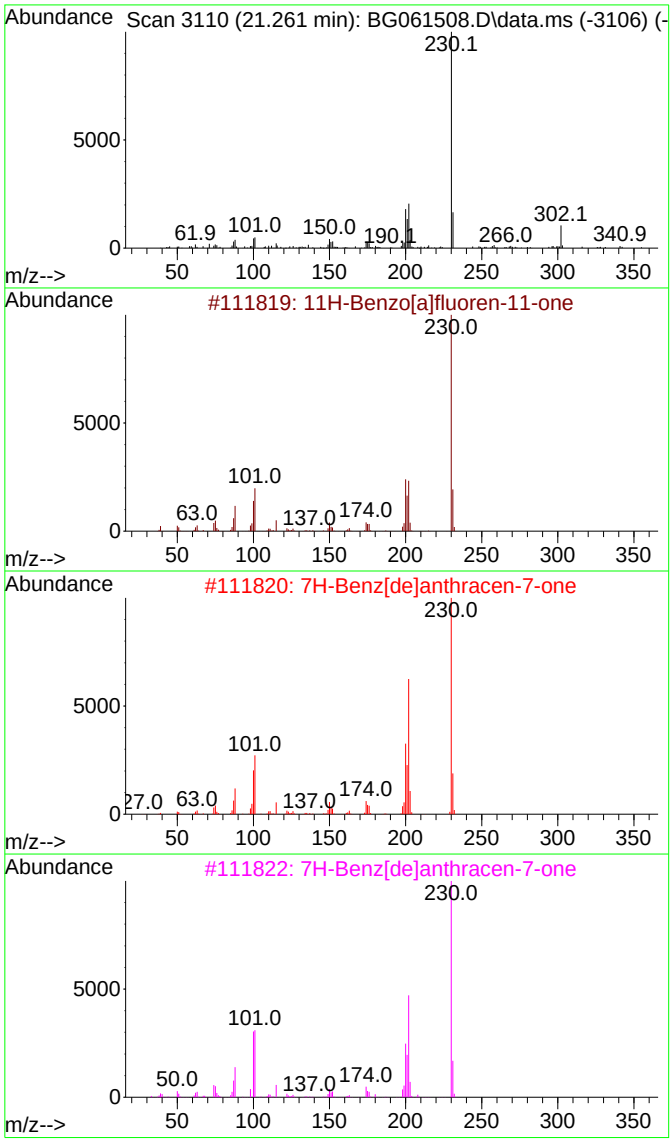
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

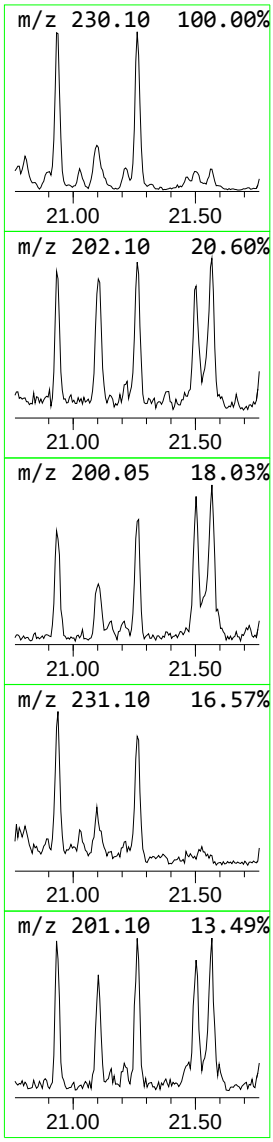
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.261	2.26 ng/ul	150527	Chrysene-d12	21.520

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





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Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

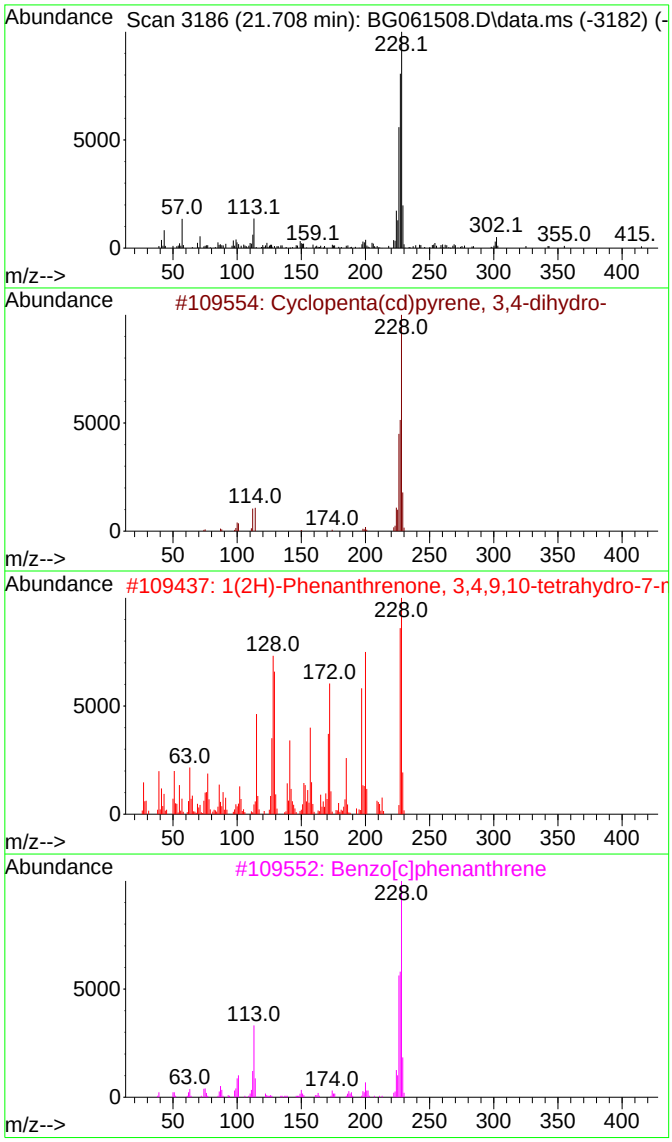
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

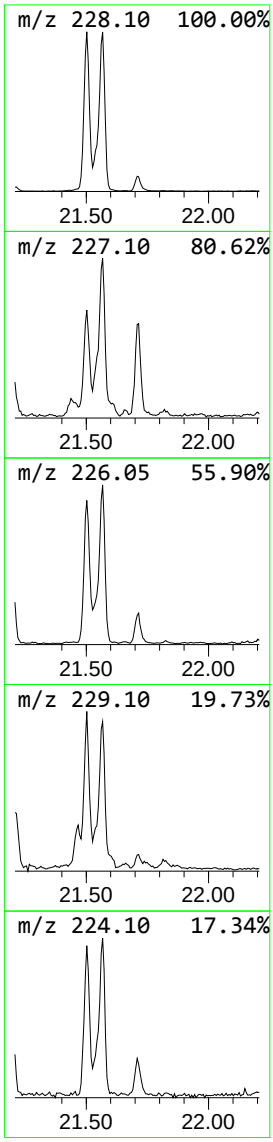
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.708	2.27 ng/ul	151560	Chrysene-d12	21.520

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	68
2	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	50
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
5	Triphenylene	228	C18H12	000217-59-4	41





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Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

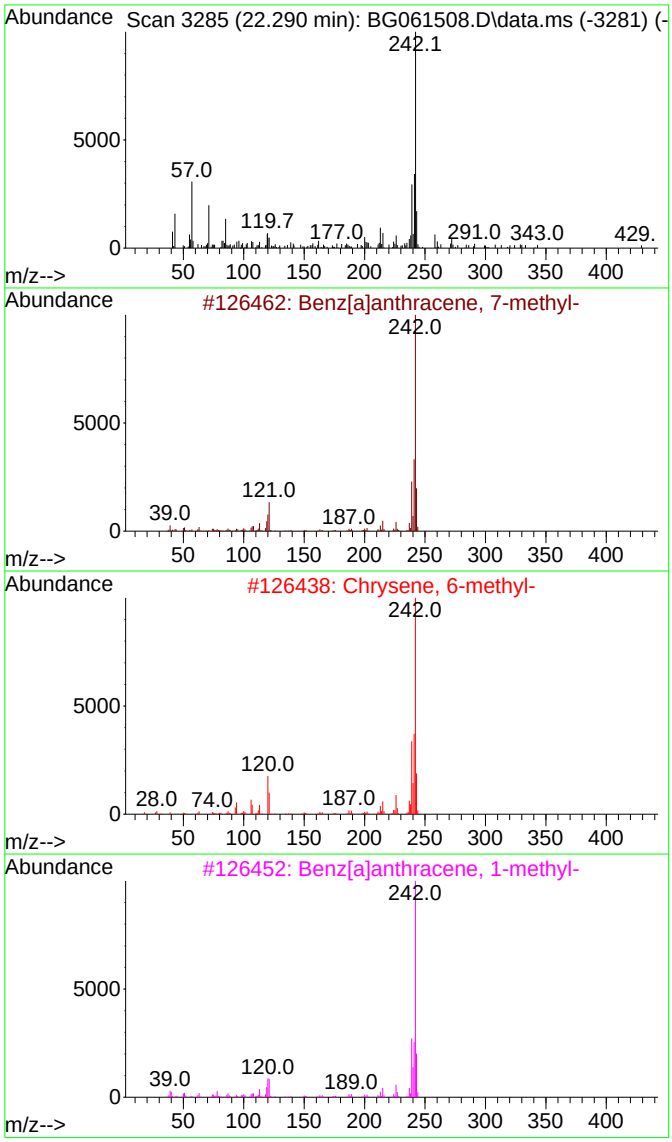
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

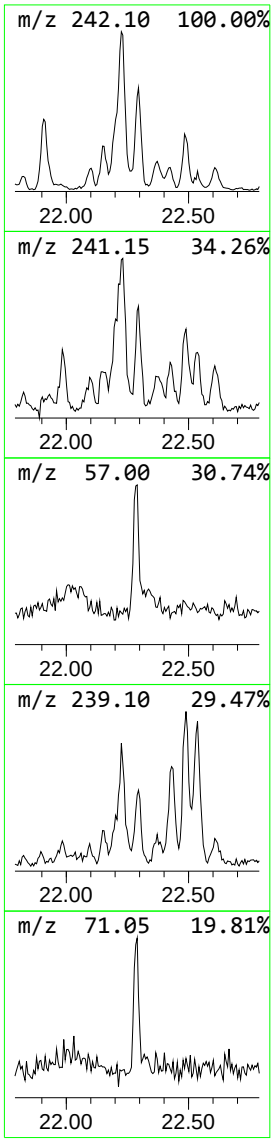
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benz[a]anthracene, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.290	2.42 ng/ul	161158	Chrysene-d12	21.520

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	86
3	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	70
4	Benz[a]anthracene, 10-methyl-	242	C19H14	002381-15-9	70
5	Benz[a]anthracene, 9-methyl-	242	C19H14	002381-16-0	70





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Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

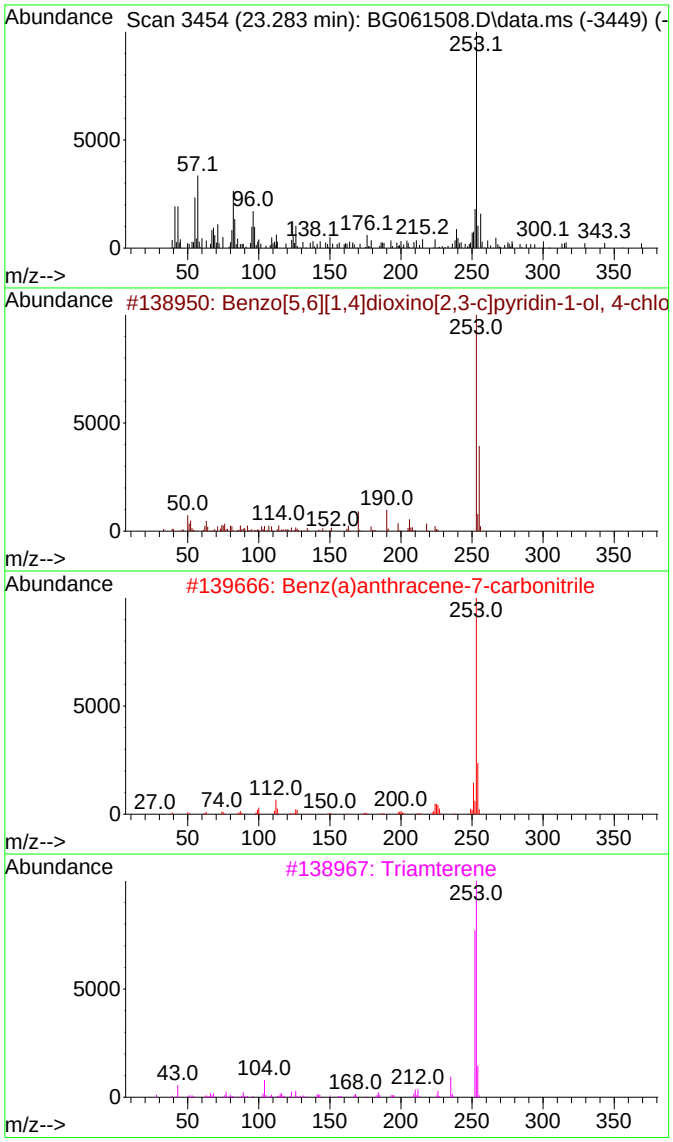
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

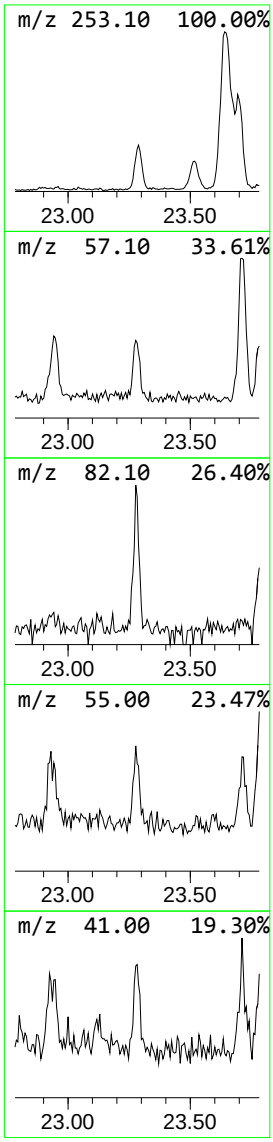
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzo[5,6][1,4]dioxino[2,3-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.283	5.59 ng/ul	142085	Perylene-d12	24.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[5,6][1,4]dioxino[2,3-c]pyr...	253	C11H5ClFNO3	1000302-85-2	50
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	47
3	Triamterene	253	C12H11N7	000396-01-0	43
4	2-Amino-7-benzyl-4-hydroxypteridine	253	C13H11N5O	049647-55-4	40
5	Octadecanoic acid, 2-oxo-, methy...	312	C19H36O3	002380-18-9	37





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Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

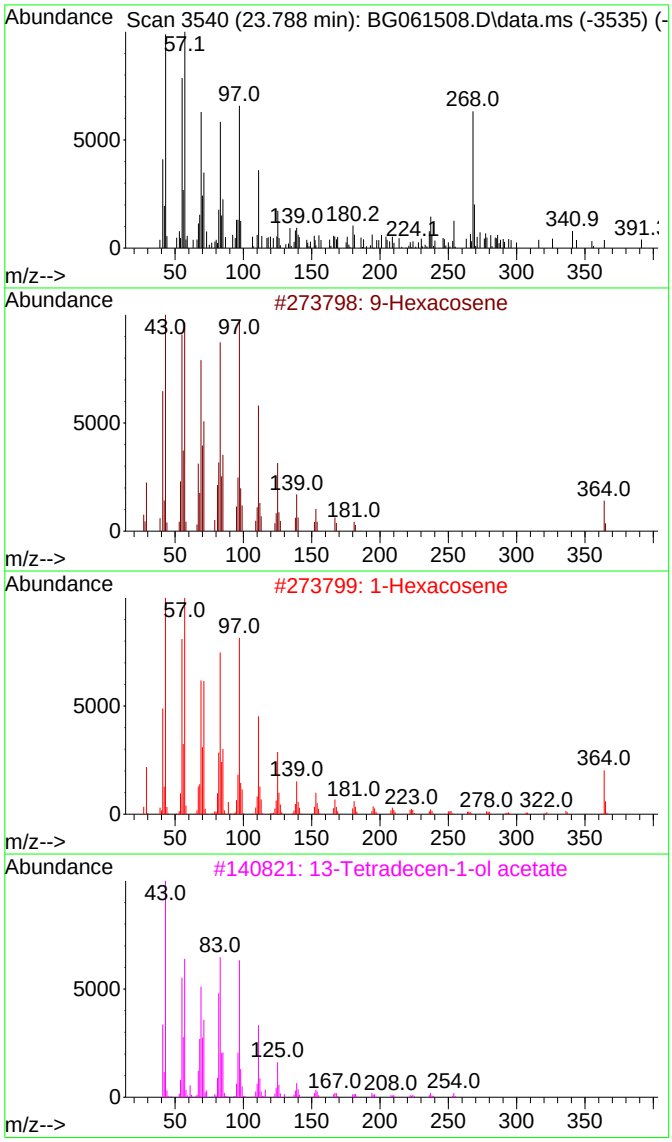
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

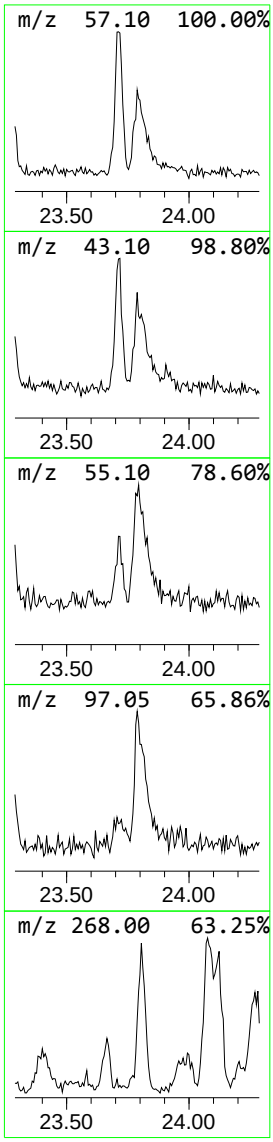
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.788	5.06 ng/ul	128740	Perylene-d12	24.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexacosene	364	C26H52	071502-22-2	91
2	1-Hexacosene	364	C26H52	018835-33-1	78
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	78
4	1-Hexacosene	364	C26H52	018835-33-1	70
5	1-Hexacosene	364	C26H52	018835-33-1	60





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Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

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

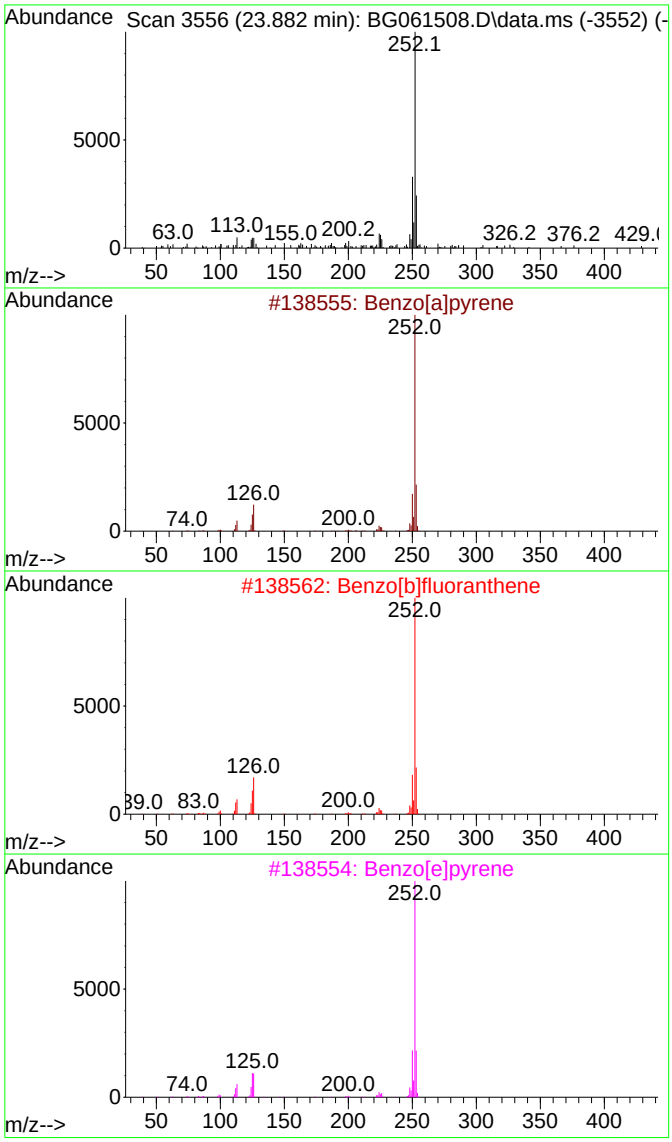
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

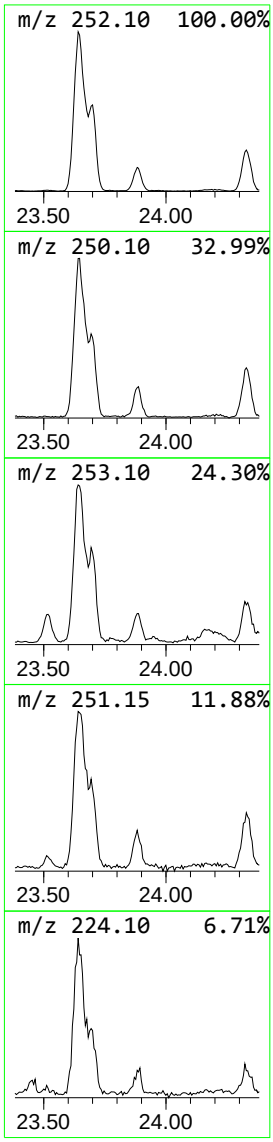
****

Peak Number 23 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.882	5.35 ng/ul	136103	Perylene-d12	24.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	81
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	72
3	Benzo[e]pyrene	252	C20H12	000192-97-2	72
4	Perylene	252	C20H12	000198-55-0	72
5	Benzo[a]pyrene	252	C20H12	000050-32-8	68





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Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

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

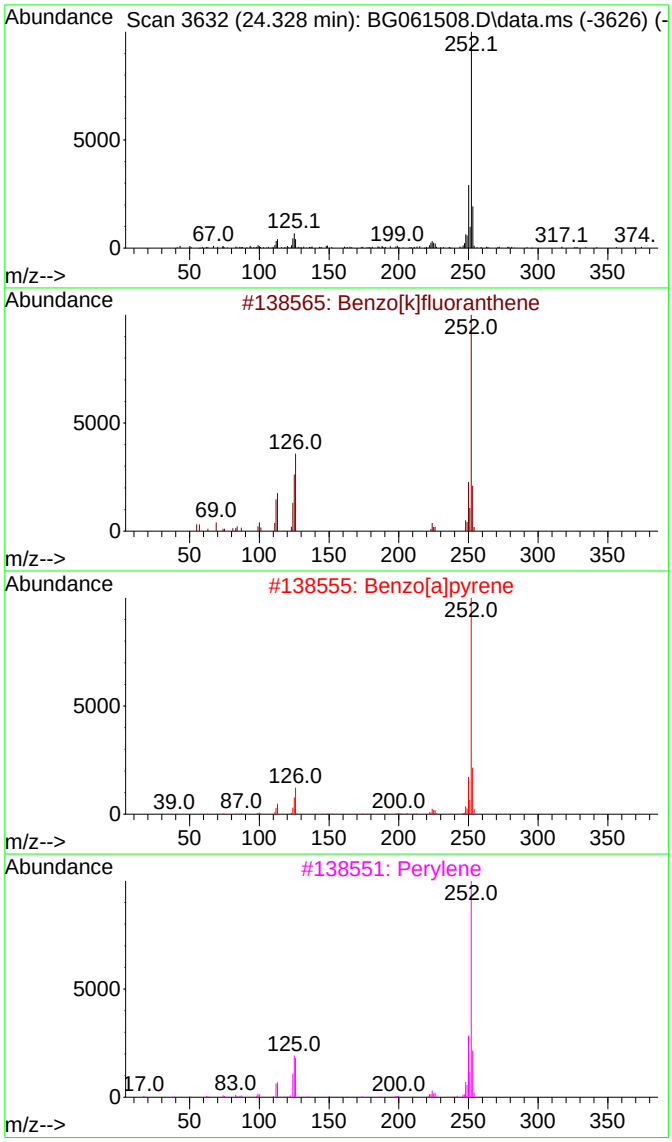
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

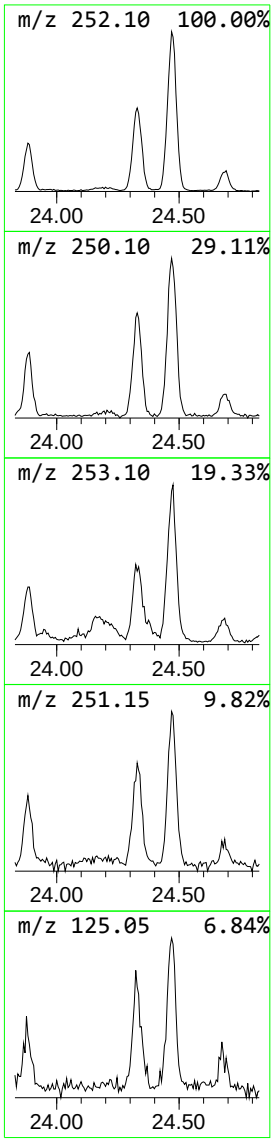
****

Peak Number 24 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.328	8.18 ng/ul	207998	Perylene-d12	24.616

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





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Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

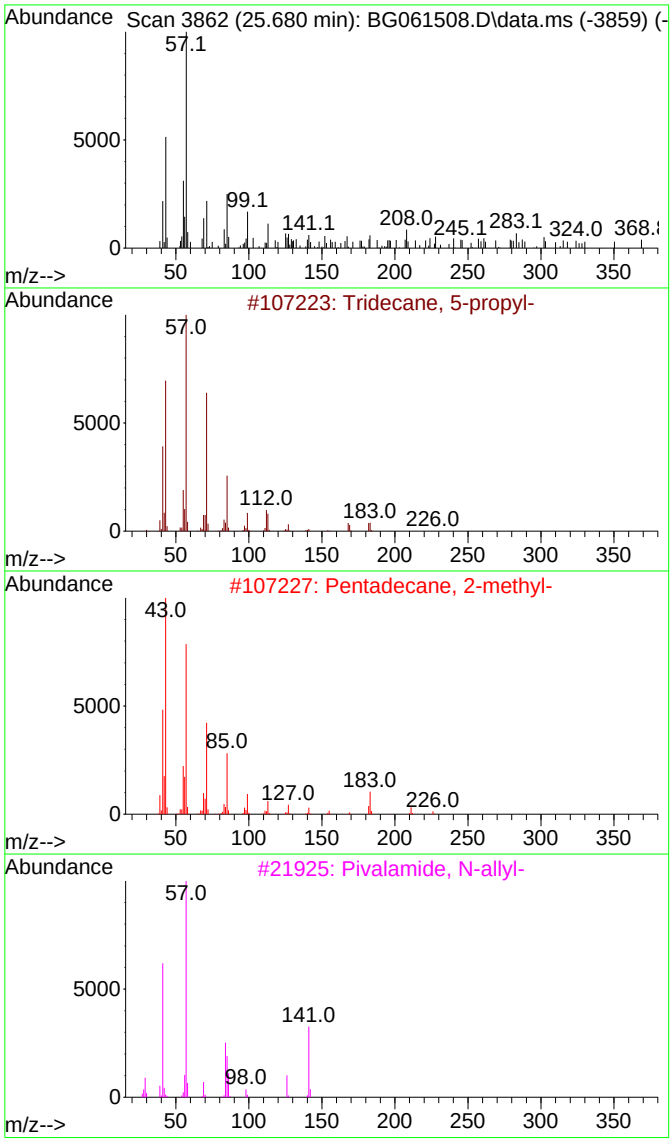
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

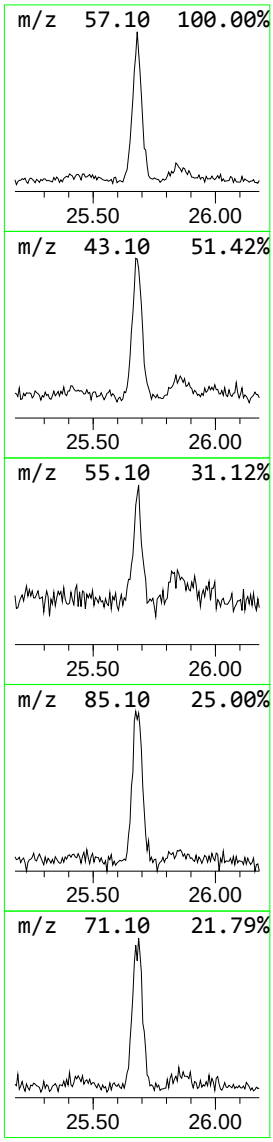
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.680	3.58 ng/ul	91181	Perylene-d12	24.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	14
2	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	14
3	Pivalamide, N-allyl-	141	C8H15NO	1000345-72-4	14
4	Acetyl valeryl	128	C7H12O2	000096-04-8	14
5	2-Bromo-4-fluorobenzenethiol, S-...	290	C11H12BrFOS	1000463-09-9	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061508.D
Acq On : 6 Jun 2024 13:35
Operator : MA/JU
Sample : P2635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBY8

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...	3.100	275.2	ng/ul	2751700	1	7.877	199960	20.0
Methacrylamide	3.882	5.9	ng/ul	58808	1	7.877	199960	20.0
unknown-01	4.998	2.1	ng/ul	20946	1	7.877	199960	20.0
Phenanthrene, 1...	18.136	3.3	ng/ul	72792	4	17.260	446062	20.0
n-Hexadecanoic ...	18.159	3.7	ng/ul	82274	4	17.260	446062	20.0
1H-Indene, 2-ph...	18.183	5.3	ng/ul	118159	4	17.260	446062	20.0
8,9-Dihydrocycl...	18.330	7.4	ng/ul	165421	4	17.260	446062	20.0
Anthracene, 1-m...	18.371	2.3	ng/ul	50360	4	17.260	446062	20.0
Naphthalene, 2-...	18.635	3.2	ng/ul	70547	4	17.260	446062	20.0
9,10-Anthracene...	18.688	4.5	ng/ul	100928	4	17.260	446062	20.0
Phenanthrene, 3...	18.882	2.8	ng/ul	62651	4	17.260	446062	20.0
Phenanthrene, 1...	19.058	3.8	ng/ul	83765	4	17.260	446062	20.0
Cyclopenta(def)...	19.205	5.2	ng/ul	114997	4	17.260	446062	20.0
Pyrene, 1-methyl-	20.004	2.3	ng/ul	153364	5	21.520	1332860	20.0
11H-Benzo[a]flu...	20.180	3.2	ng/ul	214787	5	21.520	1332860	20.0
11H-Benzo[a]flu...	20.938	2.1	ng/ul	137094	5	21.520	1332860	20.0
Benzo[b]naphtho...	21.109	2.2	ng/ul	144698	5	21.520	1332860	20.0
7H-Benz[de]anth...	21.261	2.3	ng/ul	150527	5	21.520	1332860	20.0
Cyclopenta(cd)p...	21.708	2.3	ng/ul	151560	5	21.520	1332860	20.0
Benz[a]anthrace...	22.290	2.4	ng/ul	161158	5	21.520	1332860	20.0
Benzo[5,6][1,4]...	23.283	5.6	ng/ul	142085	6	24.616	508791	20.0
(DEL) Alkane: S...	23.788	5.1	ng/ul	128740	6	24.616	508791	20.0
Benzo[e]pyrene	23.882	5.3	ng/ul	136103	6	24.616	508791	20.0
Perylene	24.328	8.2	ng/ul	207998	6	24.616	508791	20.0
(DEL) Alkane: S...	25.680	3.6	ng/ul	91181	6	24.616	508791	20.0