LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061497.D
Acq On : 5 Jun 2024 22:03
Operator : MA/JU
Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BHBQ8

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: BG061497.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.075	9	15	45	rVB	1241762	2165793	100.00%	10.250%
2	3.610	101	106	112	rBV	23961	40745	1.88%	0.193%
3	3.745	123	129	139	rVB	27765	50320	2.32%	0.238%
4	3.857	144	148	156	rVB	12943	20868	0.96%	0.099%
5	7.065	688	694	703	rBV	88060	157433	7.27%	0.745%
6	7.206	712	718	729	rVB	60681	97306	4.49%	0.461%
7	7.417	746	754	759	rBV	90587	151789	7.01%	0.718%
8	7.464	759	762	772	rVB2	20876	32609	1.51%	0.154%
9	7.875	824	832	839	rBV	117383	192417	8.88%	0.911%
10	8.598	949	955	964	rBV	95015	165494	7.64%	0.783%
11	9.033	1022	1029	1037	rVB	98150	161028	7.44%	0.762%
12	9.591	1117	1124	1131	rBB3	10447	15876	0.73%	0.075%
13	9.755	1145	1152	1161	rVB	86090	148424	6.85%	0.702%
14	10.308	1236	1246	1256	rBV	115570	210929	9.74%	0.998%
15	10.666	1301	1307	1313	rBV	154574	270030	12.47%	1.278%
16	10.719	1313	1316	1321	rVB3	9716	14395	0.66%	0.068%
17	10.807	1324	1331	1338	rBV2	70320	127921	5.91%	0.605%
18	11.406	1428	1433	1442	rBV3	27933	54198	2.50%	0.256%
19	13.915	1850	1860	1866	rVV	193865	278402	12.85%	1.318%
20	14.203	1903	1909	1918	rVB	206369	317356	14.65%	1.502%
21	14.509	1953	1961	1967	rBV	212475	337247	15.57%	1.596%
22	14.573	1967	1972	1980	rVB2	26617	41254	1.90%	0.195%
23	14.767	2000	2005	2020	rVV3	42874	89478	4.13%	0.423%
24	14.908	2025	2029	2037	rVV	26989	39670	1.83%	0.188%
25	15.508	2122	2131	2136	rBV	272072	390517	18.03%	1.848%
26	15.560	2136	2140	2148	rVB2	40095	56335	2.60%	0.267%
27	15.654	2151	2156	2165	rBV2	57469	93649	4.32%	0.443%
28	15.860	2185	2191	2197	rVB	14835	22743	1.05%	0.108%
29	16.007	2210	2216	2222	rBV2	14268	27467	1.27%	0.130%
30	16.242	2246	2256	2263	rVB6	8724	19572	0.90%	0.093%
31	16.565	2309	2311	2317	rVV6	10226	16085	0.74%	0.076%
32	16.794	2346	2350	2354	rVV2	10274	17637	0.81%	0.083%
33	16.835	2354	2357	2360	rVV3	9037	14198	0.66%	0.067%
34	16.918	2366	2371	2377	rVV	57495	88173	4.07%	0.417%
35	16.988	2377	2383	2386	rVV3	10028	18677	0.86%	0.088%
36	17.076	2390	2398	2407	rVB	29909	51625	2.38%	0.244%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ8

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	17.264	2423	2430	2433	rBV	277067	419211	19.36%	1.984%
38	17.305	2433	2437	2442	rVV	616995	890255	41.11%	4.213%
39	17.364	2442	2447	2450	rVV	305205	454772	21.00%	2.152%
40	17.394	2450	2452	2457	rVV	104233	136501	6.30%	0.646%
41	17.452	2457	2462	2467	rVB3	13270	22385	1.03%	0.106%
42	17.670	2490	2499	2504	rBV2	68462	126569	5.84%	0.599%
43	17.781	2514	2518	2520	rVV3	11649	13656	0.63%	0.065%
44	17.846	2524	2529	2537	rVB6	21333	36188	1.67%	0.171%
45	17.928	2537	2543	2545	rBV4	10516	13930	0.64%	0.066%
46	18.069	2562	2567	2570	rVB4	8599	13538	0.63%	0.064%
47	18.140	2570	2579	2583	rBV	78850	154097	7.12%	0.729%
48	18.187	2583	2587	2592	rVB	107172	152229	7.03%	0.720%
49	18.269	2597	2601	2606	rVB2	28517	41985	1.94%	0.199%
50	18.334	2606	2612	2616	rBV2	100321	189657	8.76%	0.898%
51	18.369	2616	2618	2626	rVB	53031	70704	3.26%	0.335%
52	18.445	2627	2631	2635	rBV5	15207	22036	1.02%	0.104%
53	18.492	2635	2639	2642	rBV3	15849	20661	0.95%	0.098%
54	18.639	2659	2664	2668	rBV	63929	90996	4.20%	0.431%
55	18.686	2668	2672	2678	rVB	95049	139111	6.42%	0.658%
56	18.886	2699	2706	2711	rBV4	24612	43801	2.02%	0.207%
57	18.939	2711	2715	2718	rBV2	18563	24962	1.15%	0.118%
58	18.974	2718	2721	2725	rVB	23316	29609	1.37%	0.140%
59	19.056	2730	2735	2739	rBV	44617	83859	3.87%	0.397%
60	19.144	2749	2750	2755	rVB3	16378	17291	0.80%	0.082%
61	19.203	2755	2760	2770	rBV2	80467	141794	6.55%	0.671%
62	19.327	2773	2781	2787	rBV	1170663	1619965	74.80%	7.667%
63	19.385	2787	2791	2793	rBV	18933	24356	1.12%	0.115%
64	19.421	2793	2797	2802	rVV	30289	41525	1.92%	0.197%
65	19.526	2809	2815	2817	rBV3	23464	38589	1.78%	0.183%
66	19.562	2819	2821	2826	rVB2	22657	34021	1.57%	0.161%
67	19.656	2831	2837	2839	rBV2	525578	748463	34.56%	3.542%
68	19.685	2839	2842	2850	rVB	750378	1078280	49.79%	5.103%
69	19.756	2850	2854	2861	rVB2	56262	82339	3.80%	0.390%
70	19.861	2863	2872	2879	rBV	75030	144970	6.69%	0.686%
71	19.926	2879	2883	2888	rVB	56997	86092	3.98%	0.407%
72	20.014	2891	2898	2904	rBV3	71517	203704	9.41%	0.964%
73	20.143	2914	2920	2923	rBV4	60062	125298	5.79%	0.593%
74	20.179	2923	2926	2931	rVB	100546	144165	6.66%	0.682%
75	20.278	2939	2943	2946	rBV	49211	65991	3.05%	0.312%
76	20.337	2946	2953	2957	rVV2	94964	188410	8.70%	0.892%

LSC Area Percent Report

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Data File : BG061497.D
Acq On : 5 Jun 2024 22:03
Operator : MA/JU
Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ8

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	20.378	2957	2960	2963	rVB3	23583	26947	1.24%	0.128%
78	20.414	2964	2966	2971	rVB3	23178	26638	1.23%	0.126%
79	20.478	2973	2977	2981	rBV	36920	56386	2.60%	0.267%
80	20.525	2981	2985	2990	rBV2	50015	71121	3.28%	0.337%
81	20.737	3016	3021	3023	rBV6	33209	51908	2.40%	0.246%
82	20.937	3050	3055	3060	rBV	191661	261165	12.06%	1.236%
83	21.107	3079	3084	3088	rBV3	119442	203218	9.38%	0.962%
84	21.148	3088	3091	3095	rVV	89741	146311	6.76%	0.692%
85	21.201	3097	3100	3105	rVV2	102797	193314	8.93%	0.915%
86	21.266	3106	3111	3122	rVB	170811	283252	13.08%	1.340%
87	21.407	3132	3135	3140	rVB	91731	119661	5.53%	0.566%
88	21.506	3141	3152	3159	rVV3	706678	1784295	82.39%	8.444%
89	21.565	3159	3162	3173	rVB	512225	807434	37.28%	3.821%
90	21.712	3183	3187	3192	rBV3	35541	63594	2.94%	0.301%
91	21.912	3219	3221	3227	rVB4	45512	69285	3.20%	0.328%
92	22.223	3270	3274	3279	rVB	86505	155123	7.16%	0.734%
93	22.294	3283	3286	3296	rVB3	57136	111535	5.15%	0.528%
94	22.488	3315	3319	3323	rBV3	45267	77146	3.56%	0.365%
95	23.639	3507	3515	3522	rBV2	369147	1139374	52.61%	5.392%
96	23.886	3553	3557	3566	rVB	57829	123405	5.70%	0.584%
97	24.327	3629	3632	3637	rBV	38954	79270	3.66%	0.375%
98	24.403	3640	3645	3651	rVV	136539	322840	14.91%	1.528%
99	24.474	3651	3657	3668	rVB	171248	449446	20.75%	2.127%
100	24.615	3673	3681	3691	rBV2	194705	534086	24.66%	2.528%

Sum of corrected areas: 21130379

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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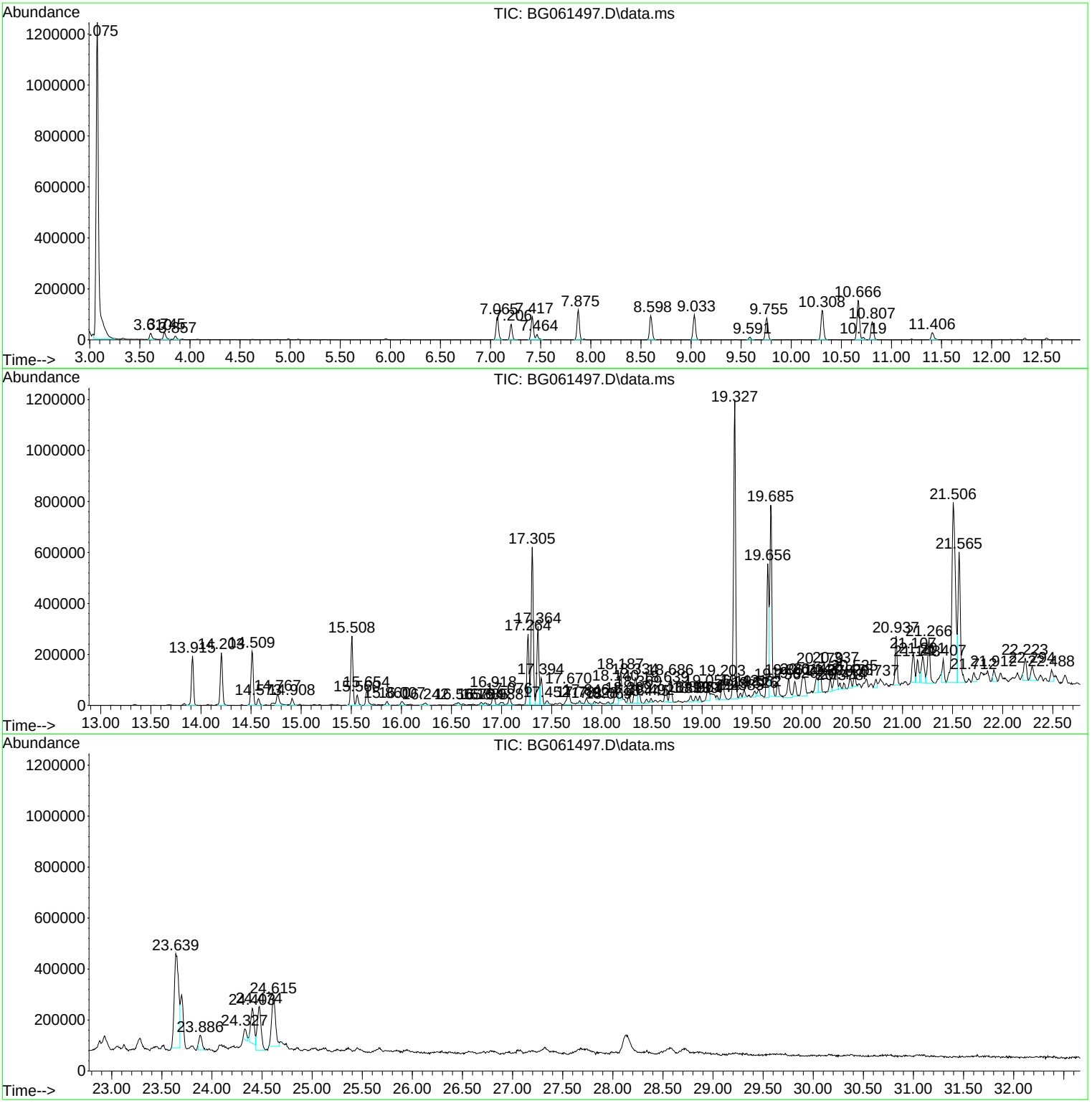
Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ8

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 : BG061497.D
Acq On : 5 Jun 2024 22:03
Operator : MA/JU
Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ8

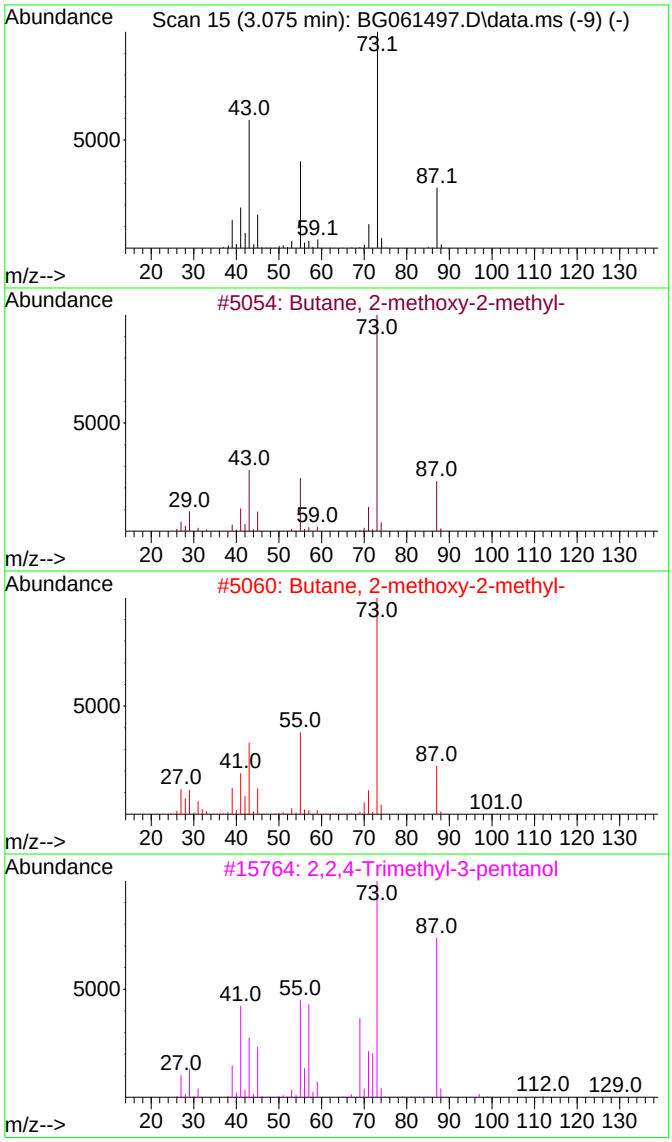
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

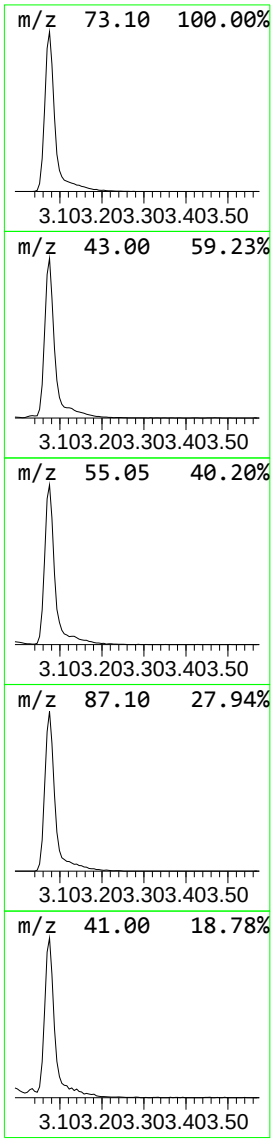
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.075	225.12 ng/ul	2165790	1,4-Dichlorobenzene-d4	7.875

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	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061497.D
Acq On : 5 Jun 2024 22:03
Operator : MA/JU
Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ8

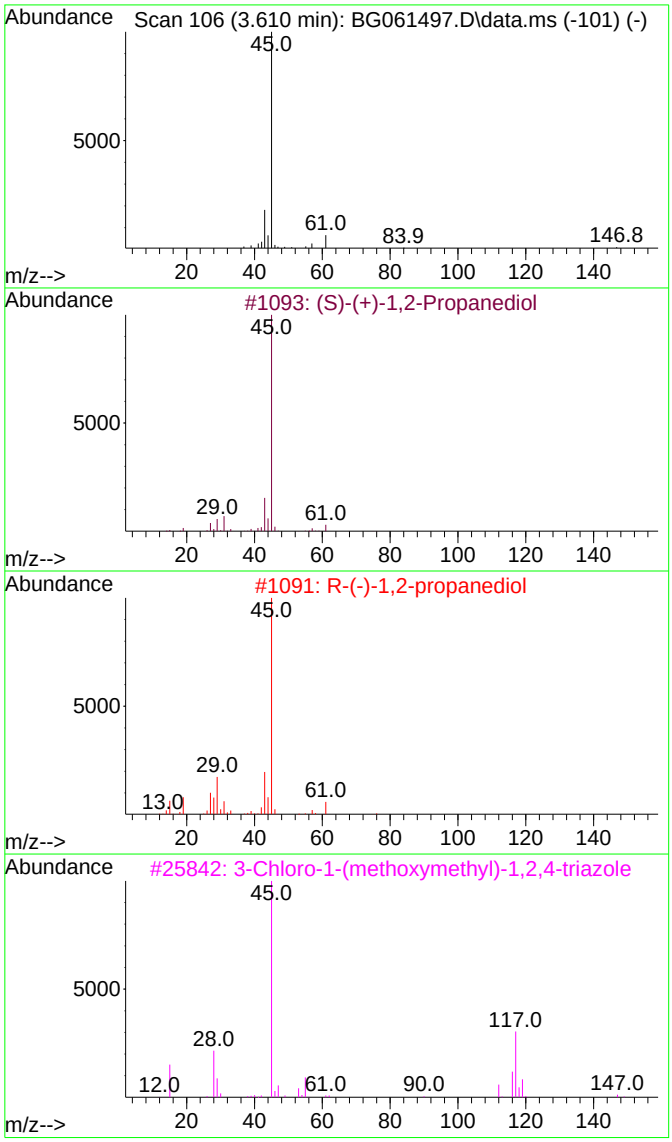
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

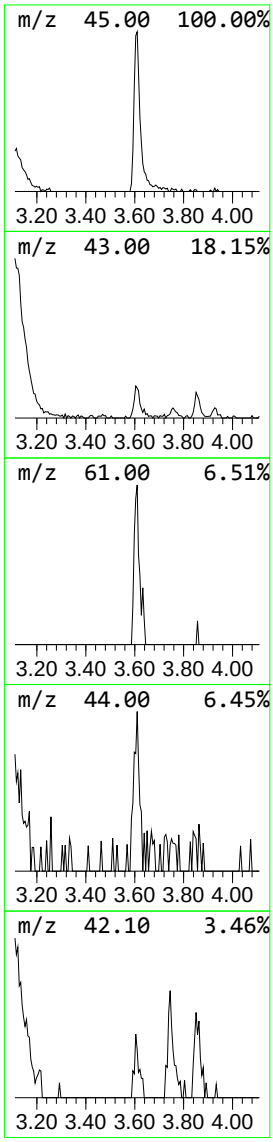
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.610	4.24 ng/ul	40745	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	40
3	3-Chloro-1-(methoxymethyl)-1,2,4...	147	C4H6ClN3O	1000436-29-8	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Propylene Glycol	76	C3H8O2	000057-55-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061497.D
Acq On : 5 Jun 2024 22:03
Operator : MA/JU
Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ8

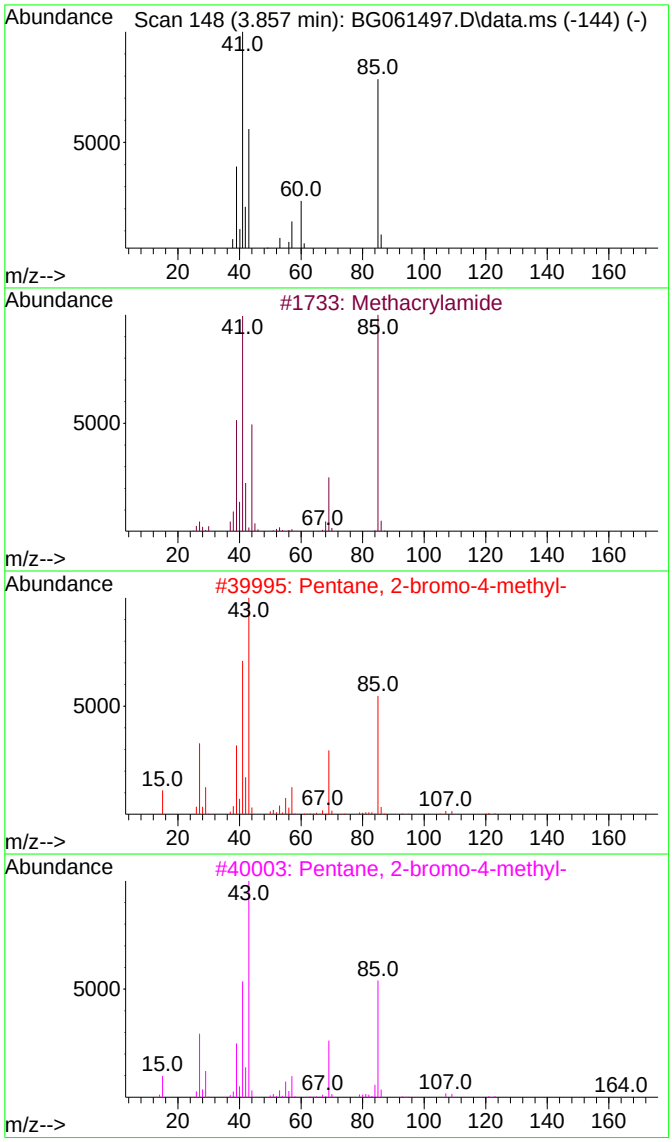
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

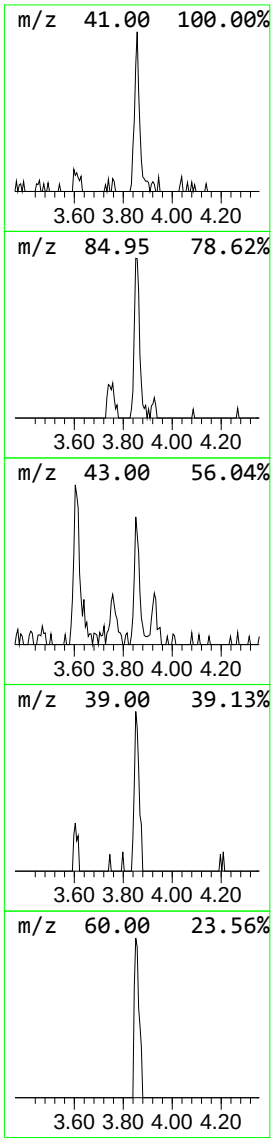
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.857	2.17 ng/ul	20868	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	45
2	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	33
3	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	33
4	Pentane, 2-bromo-2-methyl-	164	C6H13Br	004283-80-1	28
5	trans-Crotonamide	85	C4H7NO	000625-37-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061497.D
Acq On : 5 Jun 2024 22:03
Operator : MA/JU
Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ8

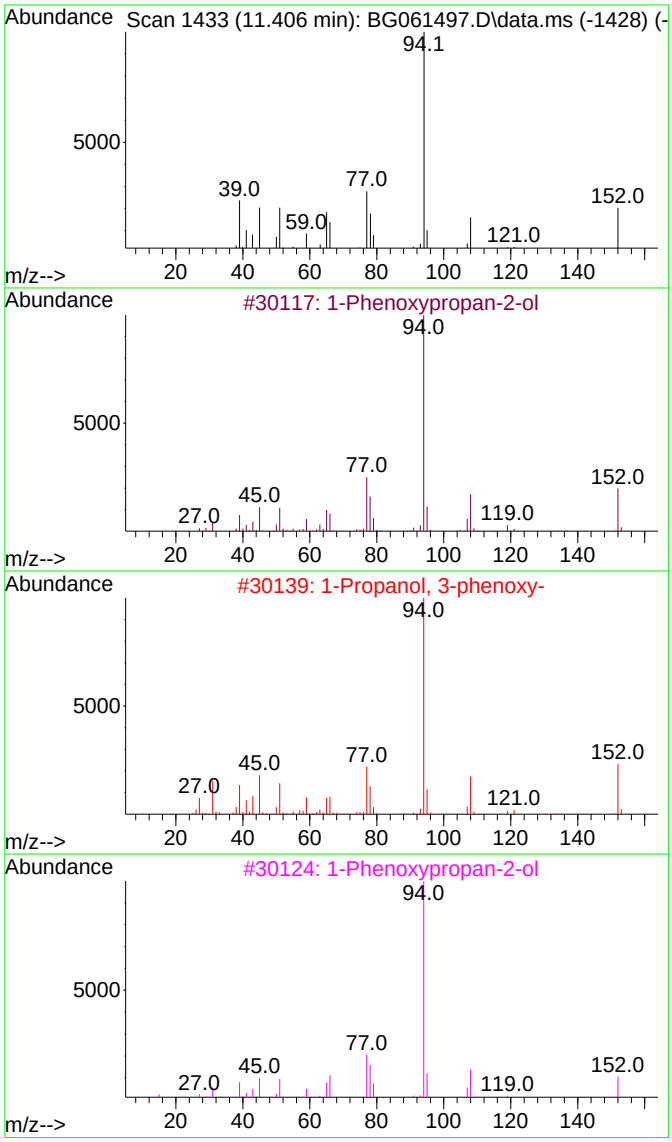
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

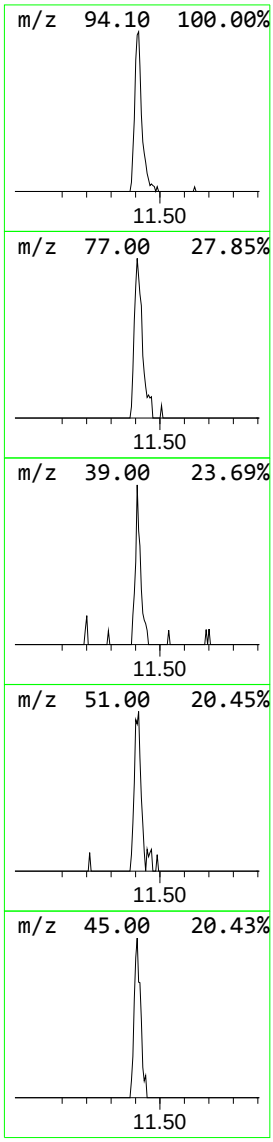
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.406	4.01 ng/ul	54198	Naphthalene-d8	10.666

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	91
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	90
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061497.D
Acq On : 5 Jun 2024 22:03
Operator : MA/JU
Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ8

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

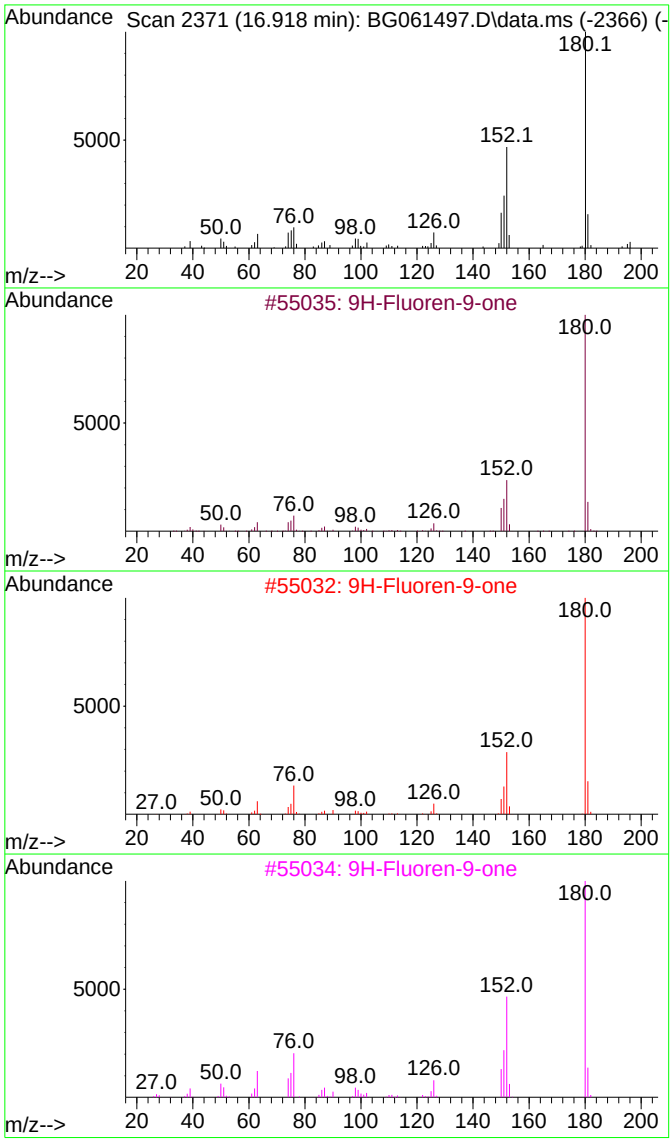
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

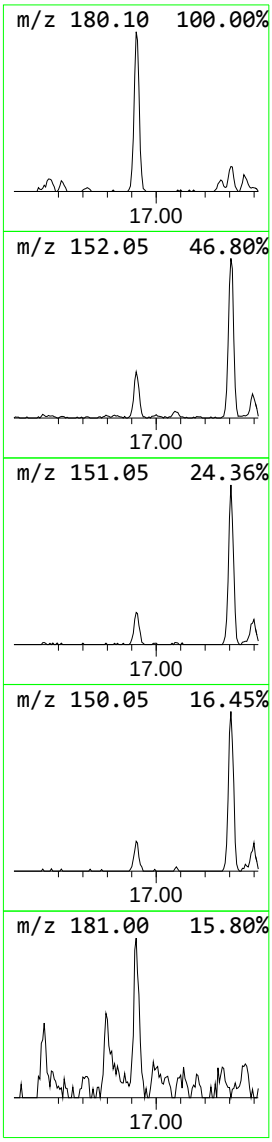
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.918	4.21 ng/ul	88173	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





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Operator : MA/JU
Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BHBQ8

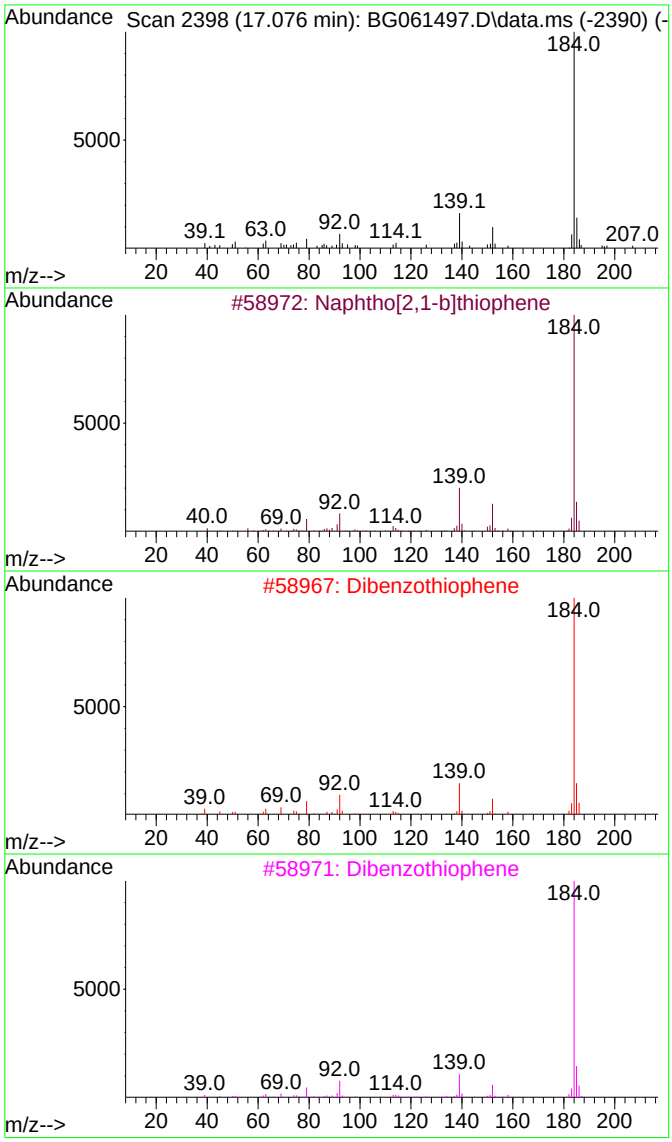
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

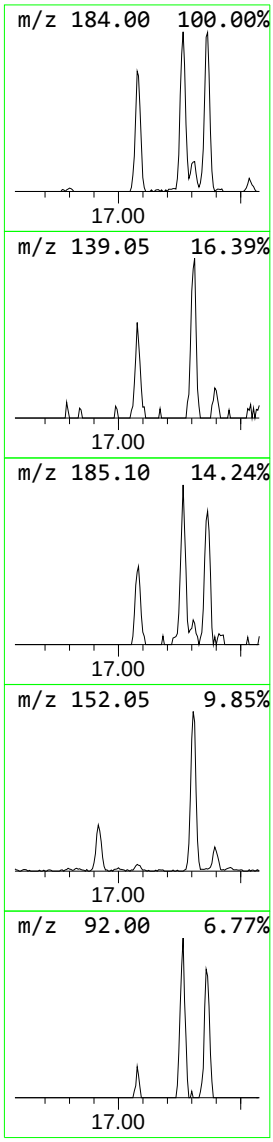
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphtho[2,1-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.076	2.46 ng/ul	51625	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BHBQ8

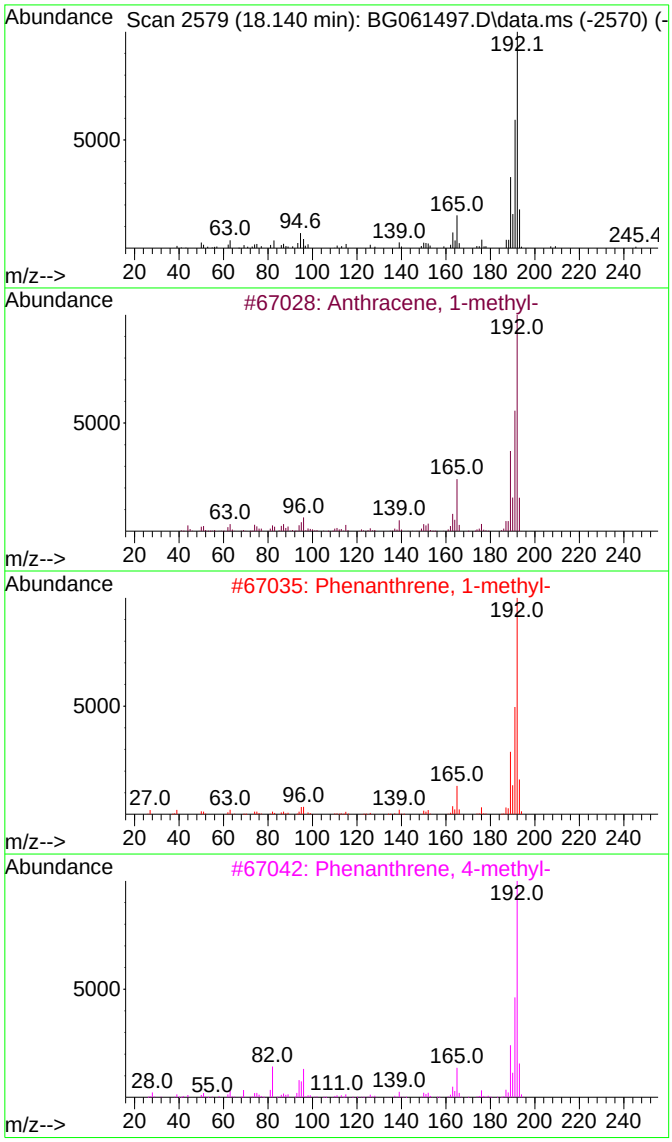
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

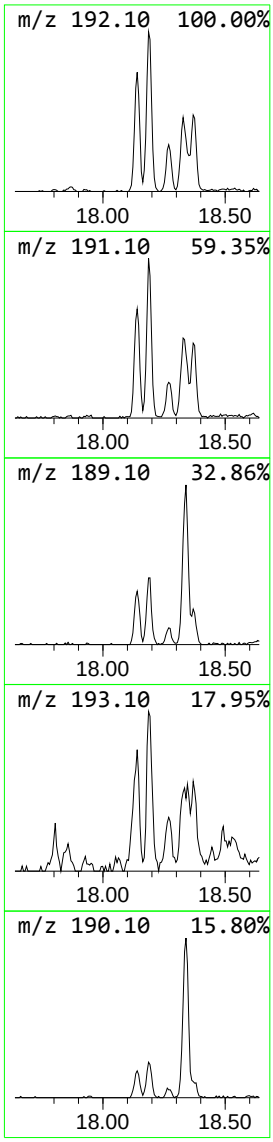
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	7.35 ng/ul	154097	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ8

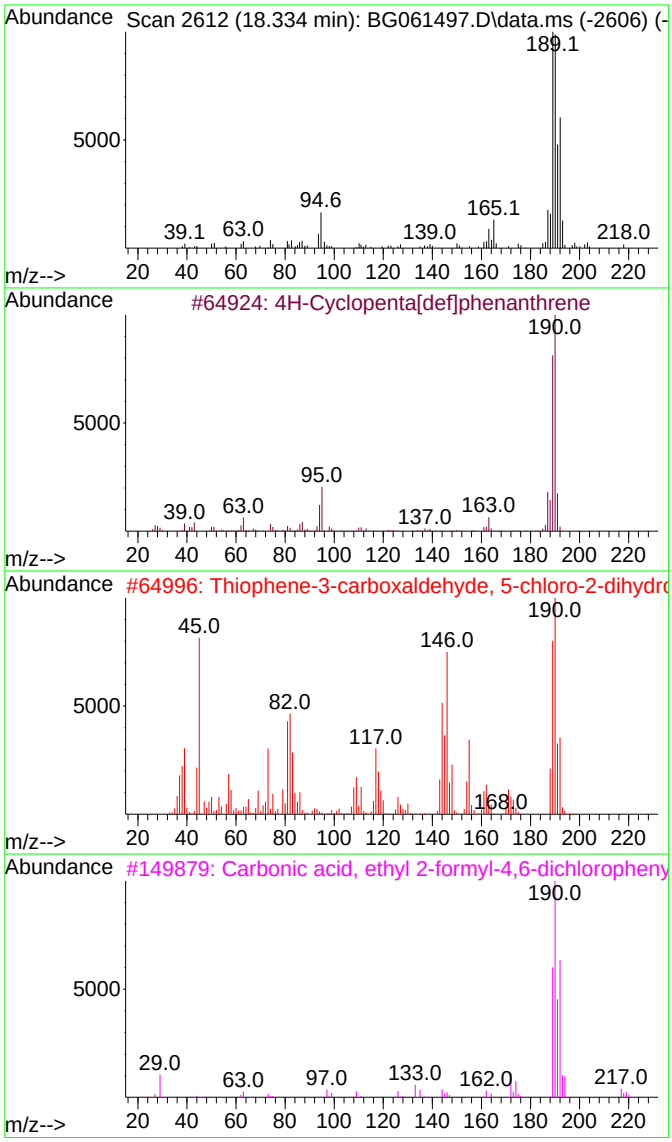
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

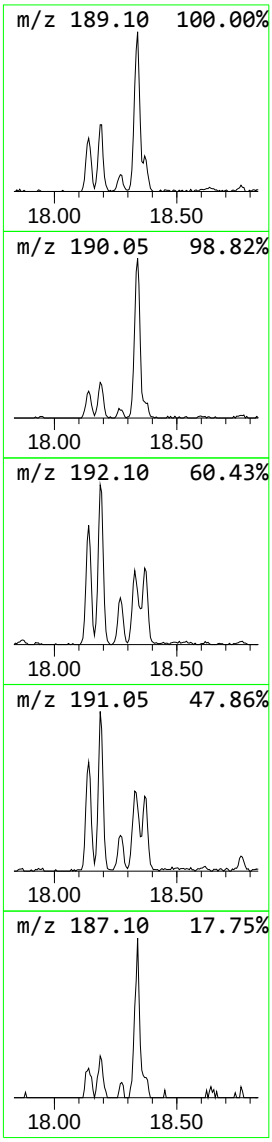
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	9.05 ng/ul	189657	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BCl03S	036155-87-0	59
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50





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Operator : MA/JU
Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ8

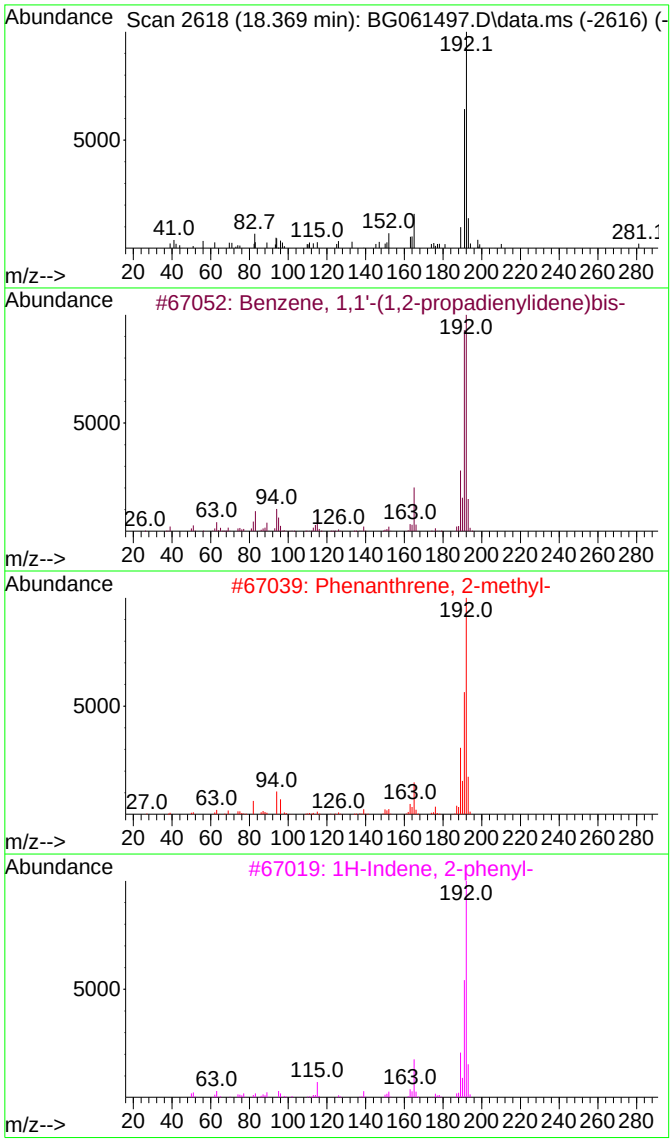
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

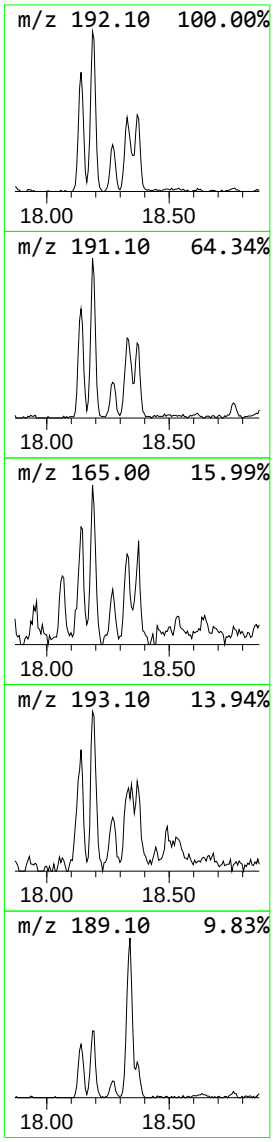
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,1'-(1,2-propadie... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	3.37 ng/ul	70704	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	87
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80





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Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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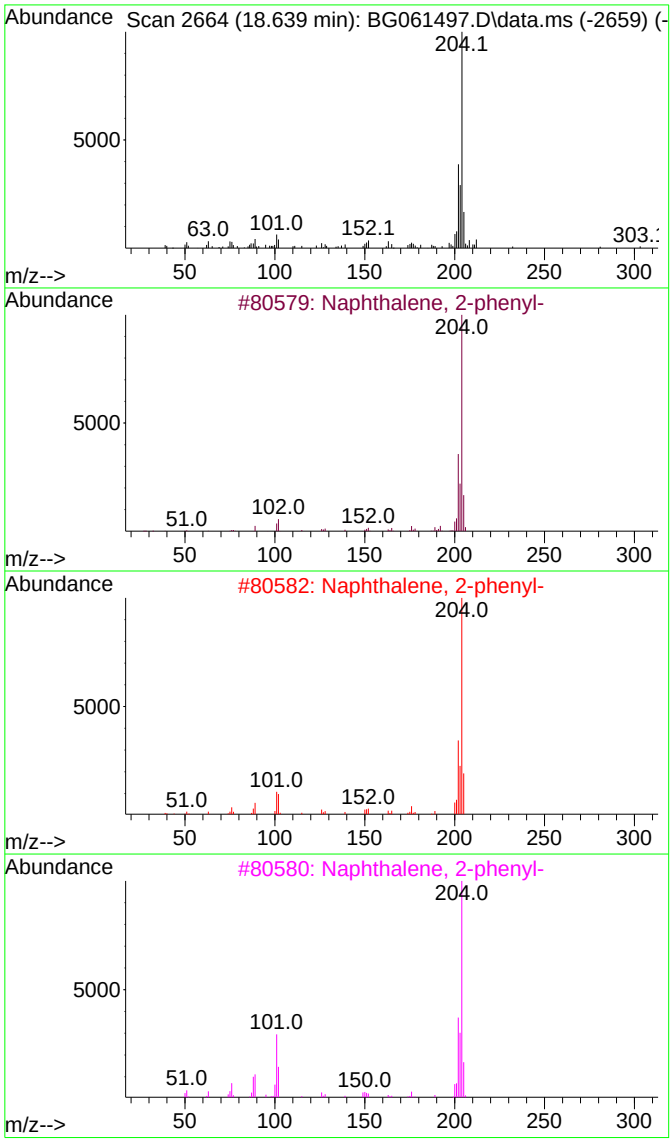
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

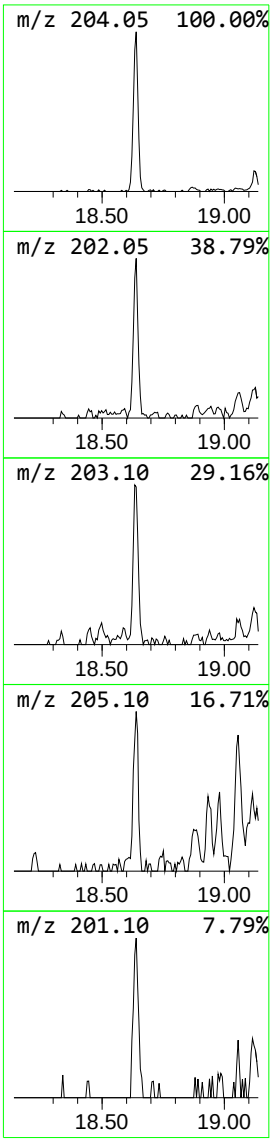
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	4.34 ng/ul	90996	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
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	50





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Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

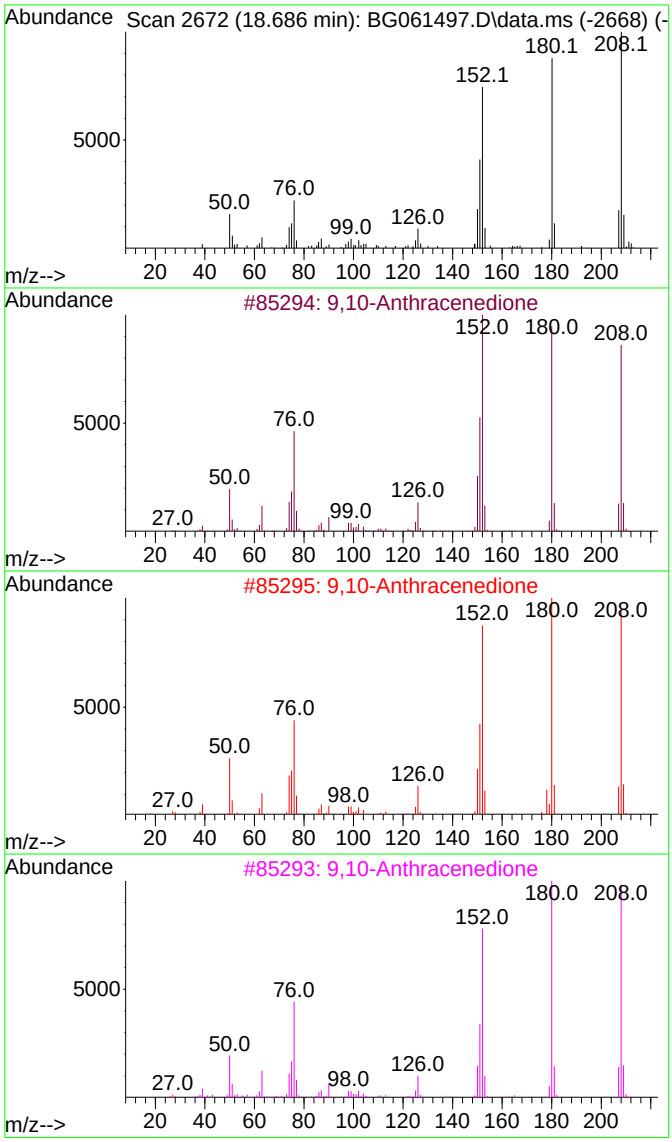
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

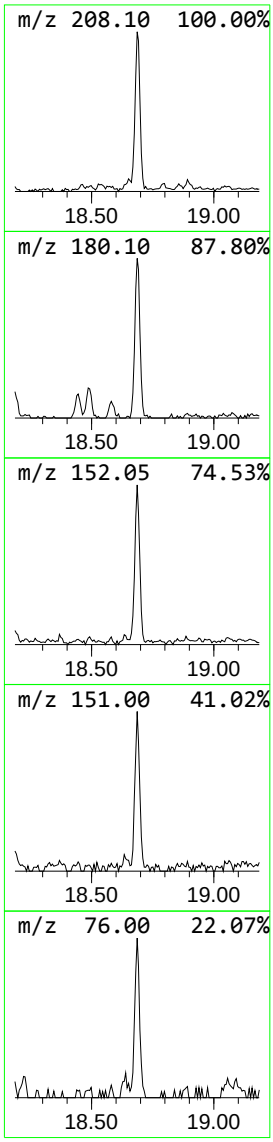
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.686	6.64 ng/ul	139111	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86





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Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BHBQ8

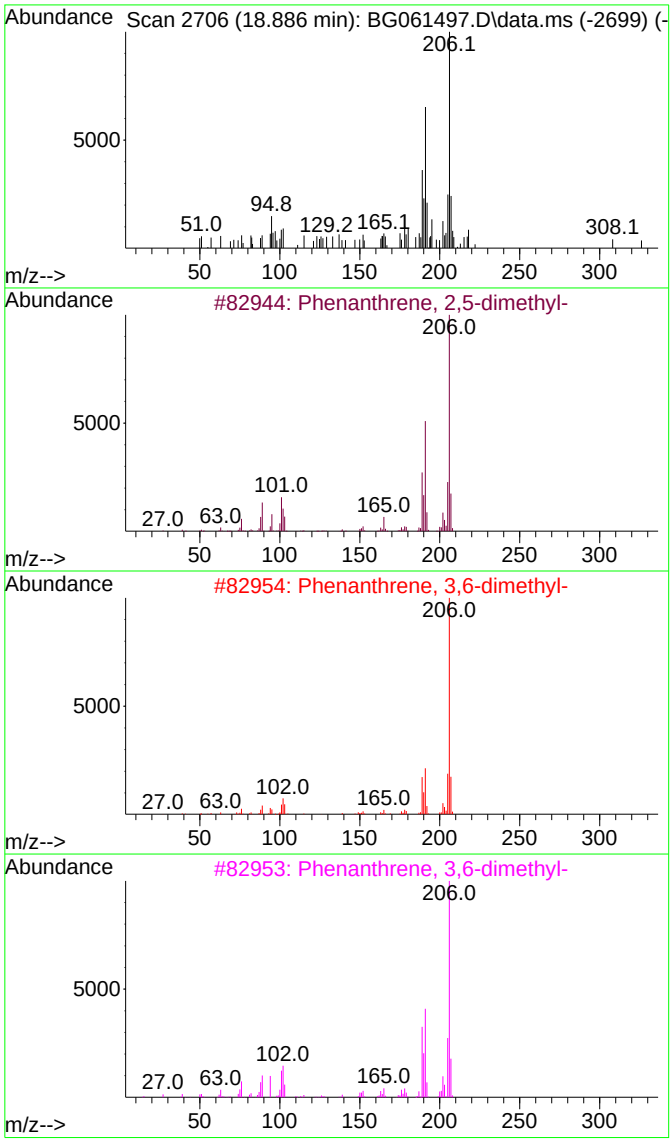
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

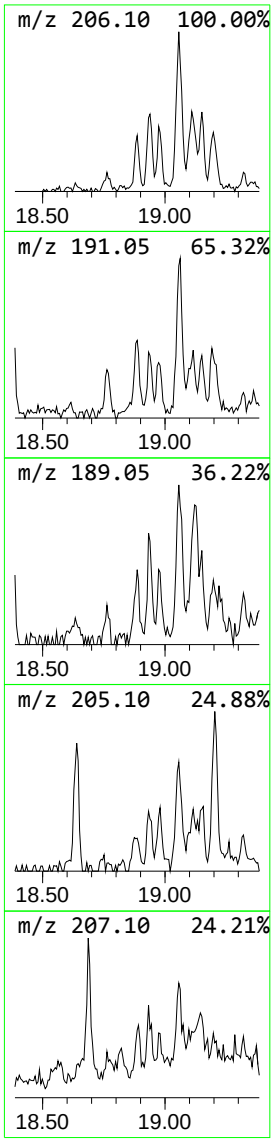
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.886	2.09 ng/ul	43801	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	74
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	70





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Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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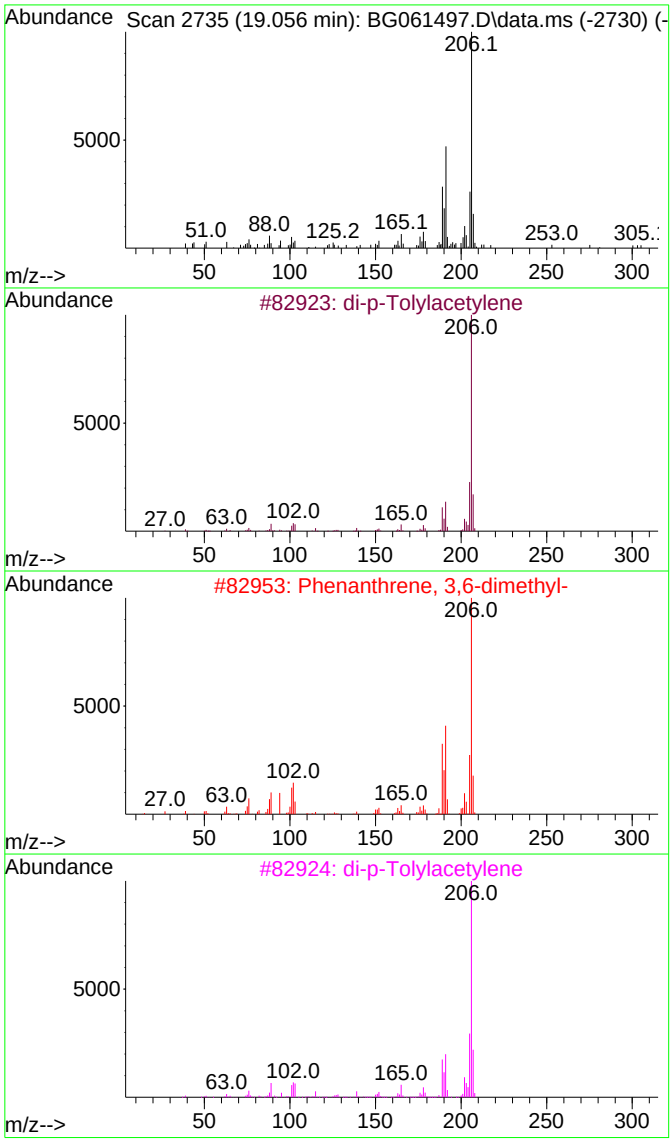
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

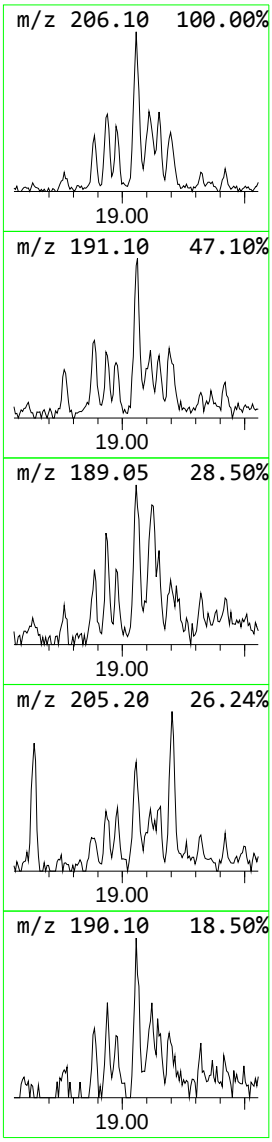
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 di-p-Tolylacetylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.056	4.00 ng/ul	83859	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81





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Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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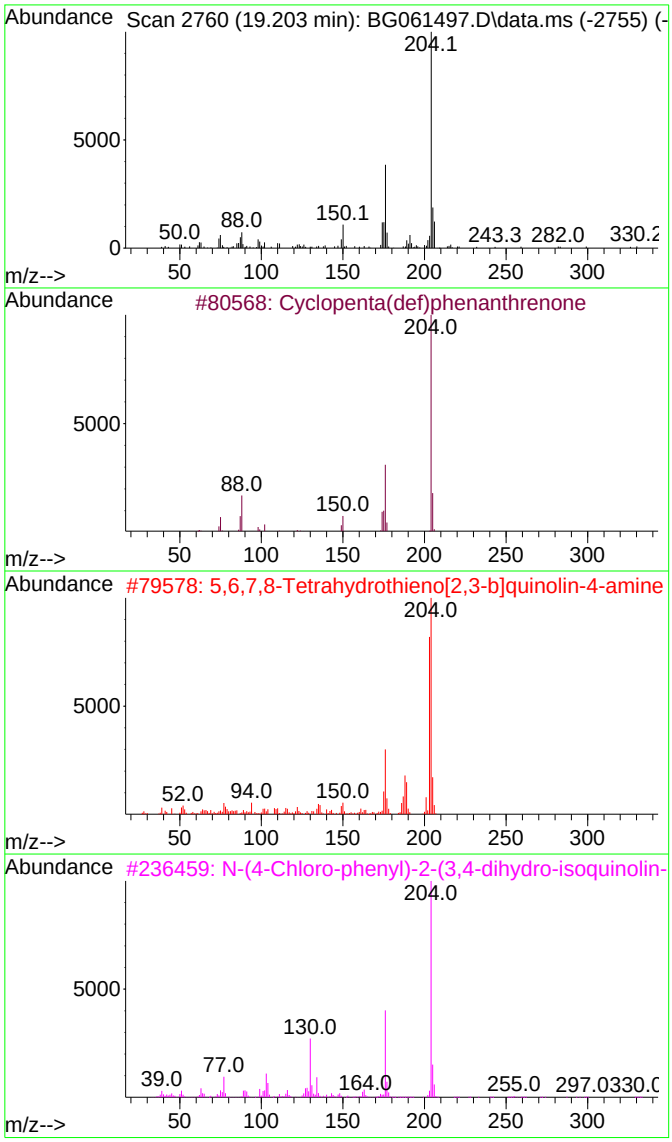
Quant Title : SVOA CALIBRATION

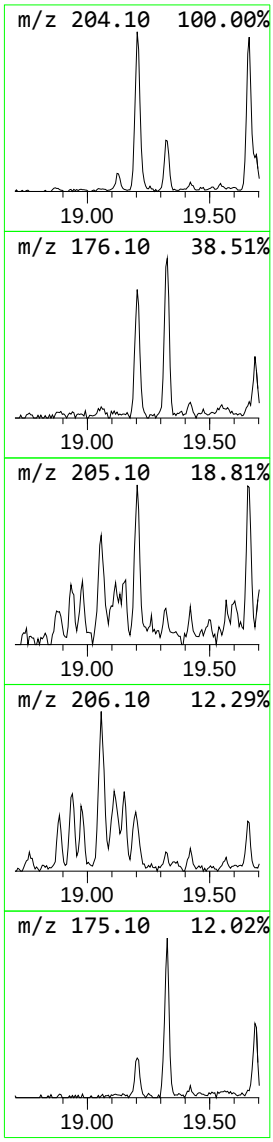
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.203	6.76 ng/ul	141794	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	80
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	64
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





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Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BHBQ8

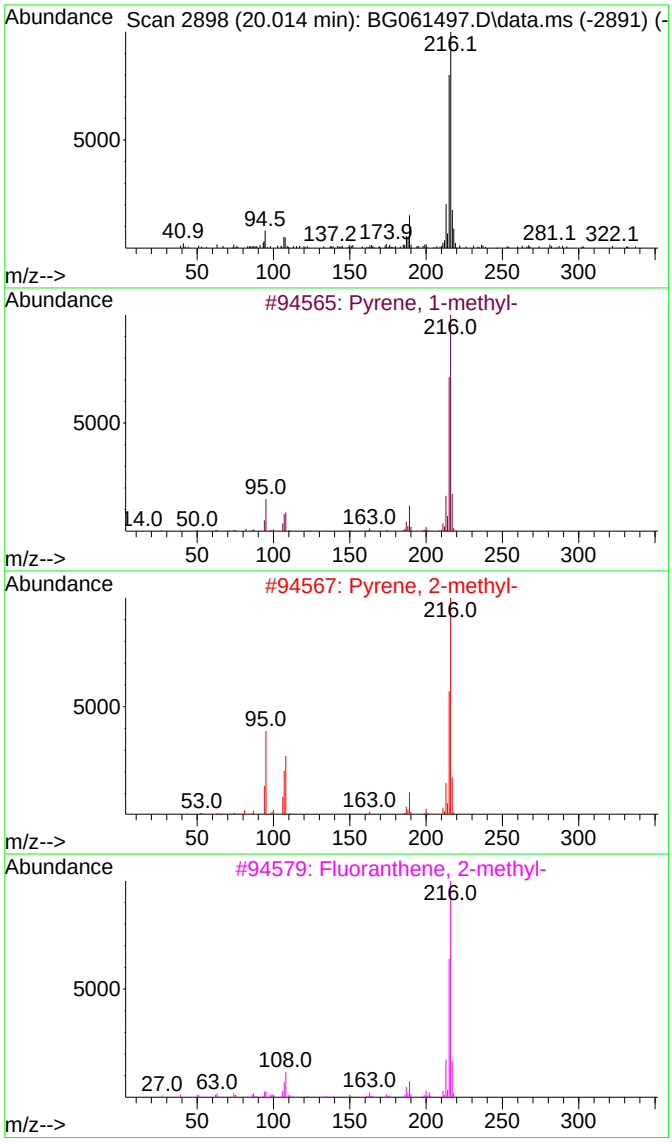
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

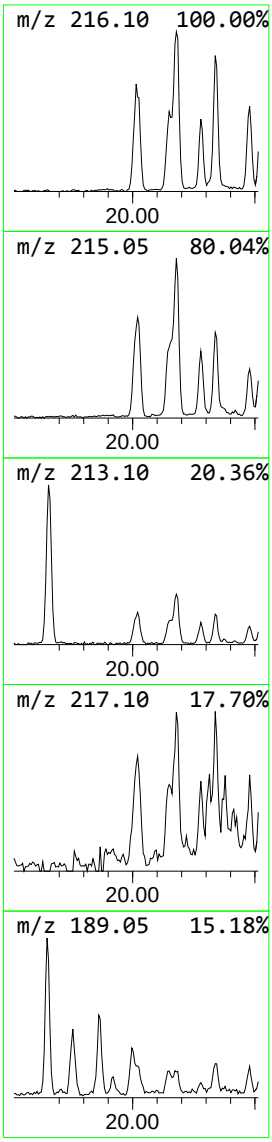
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.014	2.28 ng/ul	203704	Chrysene-d12	21.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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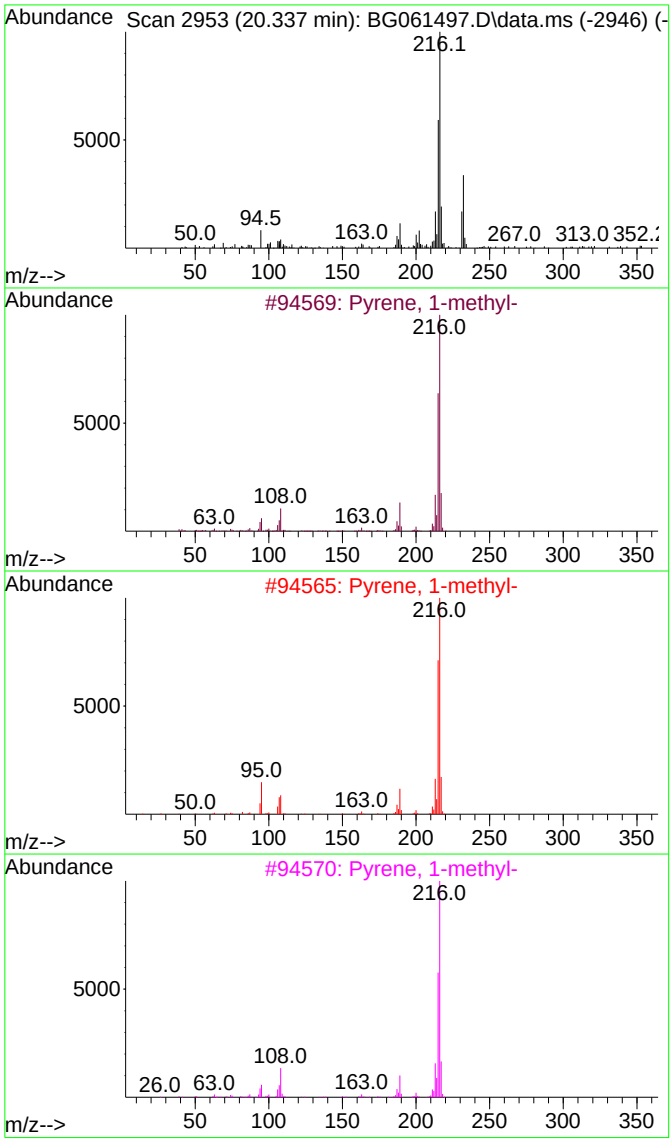
Quant Title : SVOA CALIBRATION

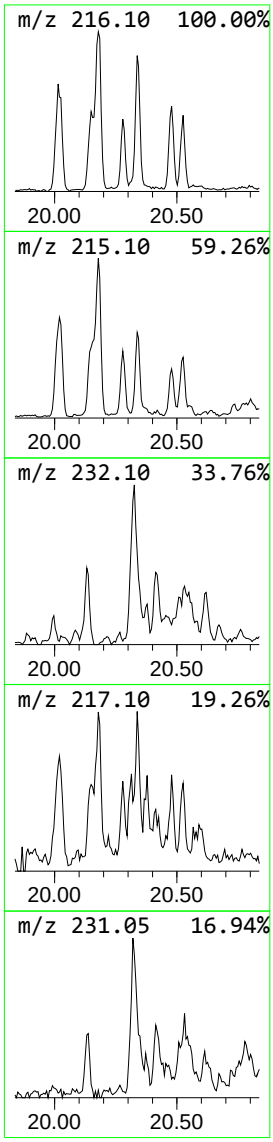
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.337	2.11 ng/ul	188410	Chrysene-d12	21.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89





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Acq On : 5 Jun 2024 22:03
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Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ8

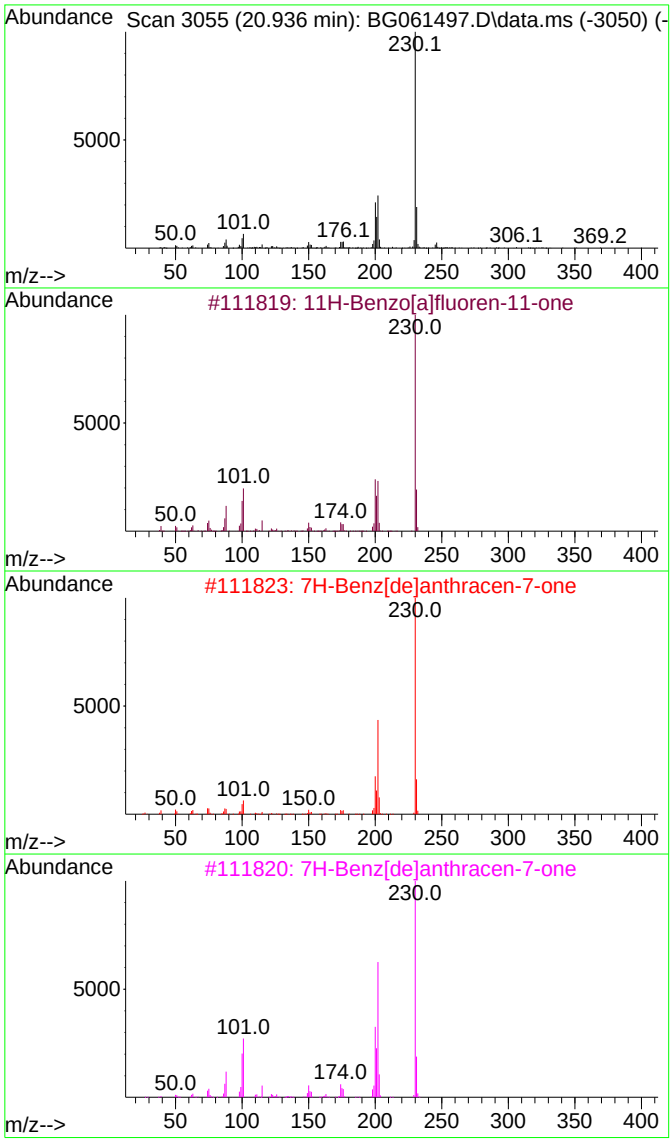
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

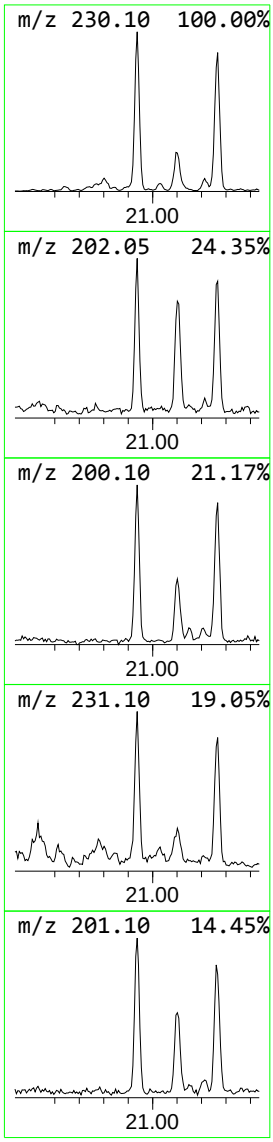
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.936	2.93 ng/ul	261165	Chrysene-d12	21.524

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	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





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Acq On : 5 Jun 2024 22:03
Operator : MA/JU
Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ8

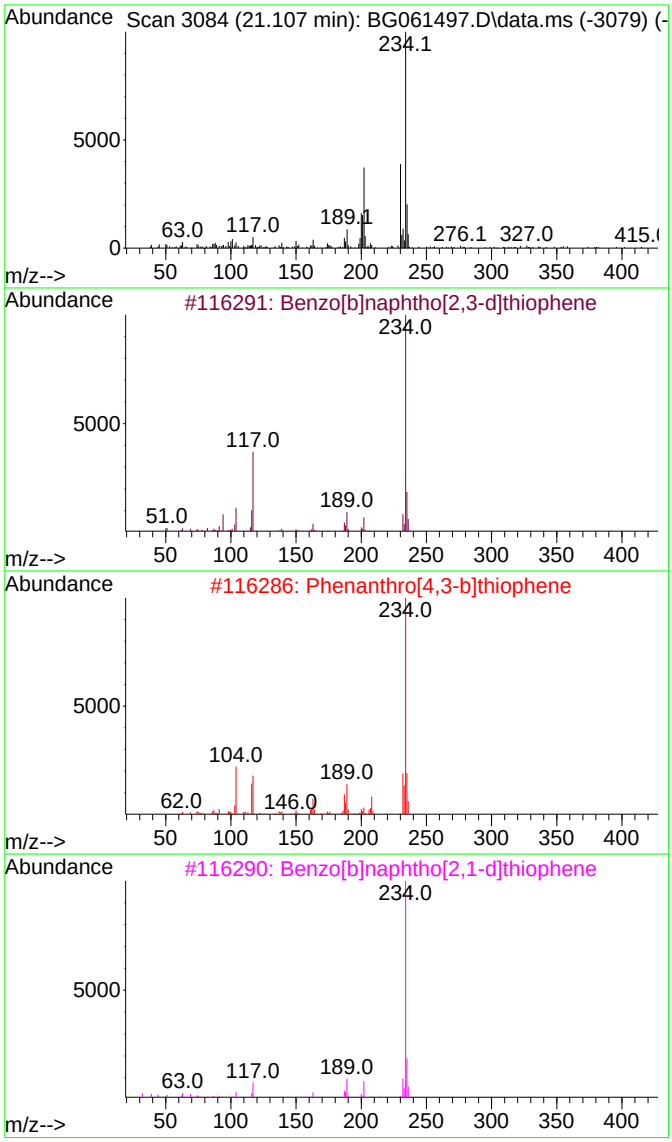
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

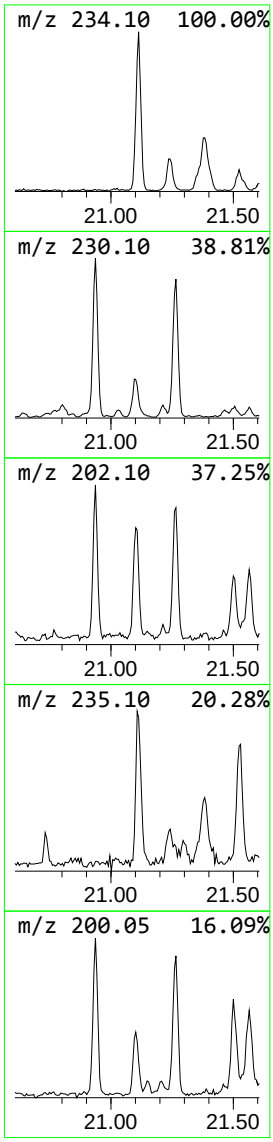
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.107	2.28 ng/ul	203218	Chrysene-d12	21.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	60
2	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	55
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	53
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	53
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	53





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Acq On : 5 Jun 2024 22:03
Operator : MA/JU
Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ8

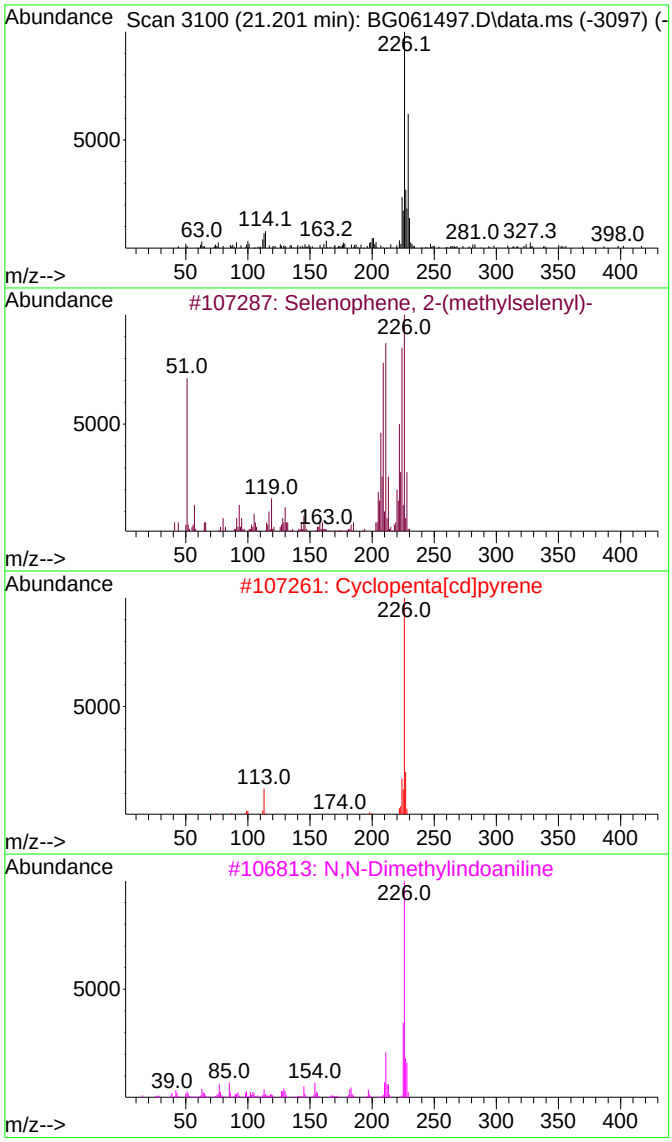
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

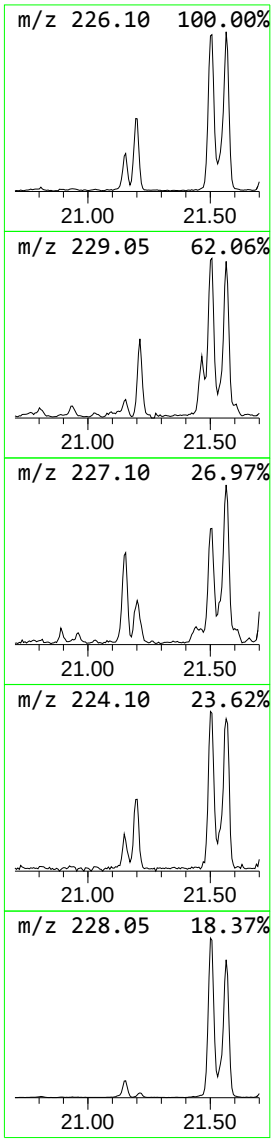
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.201	2.17 ng/ul	193314	Chrysene-d12	21.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Selenophene, 2-(methylselenyl)-	226	C5H6Se2	031053-52-8	47
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
3	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	43
4	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	38
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	37





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Acq On : 5 Jun 2024 22:03
Operator : MA/JU
Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ8

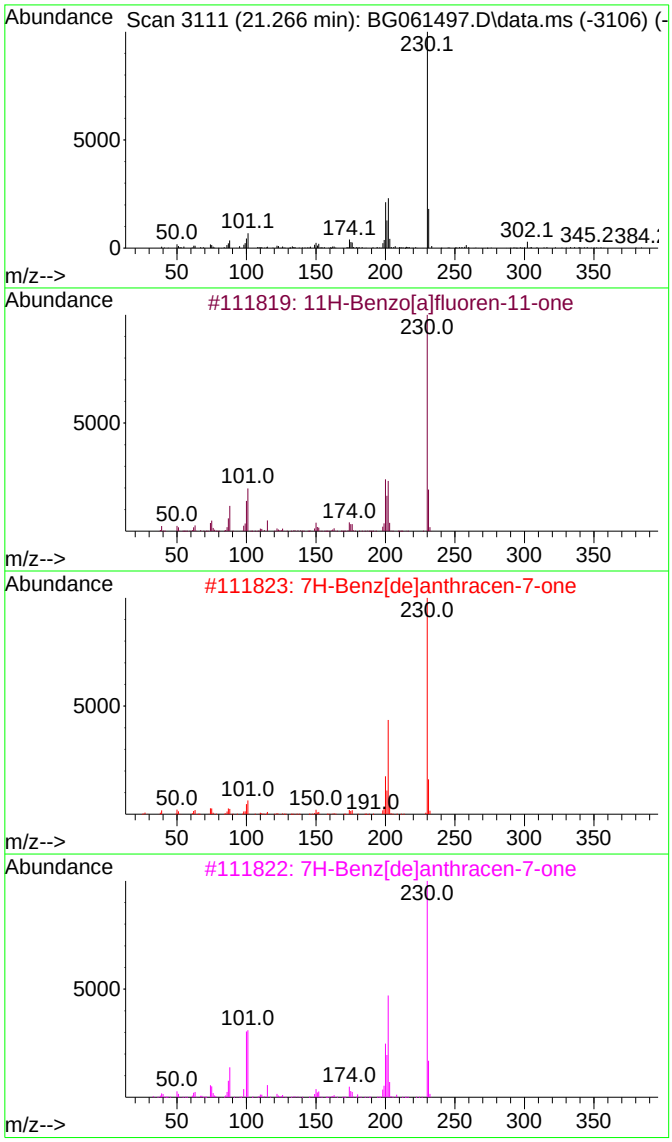
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

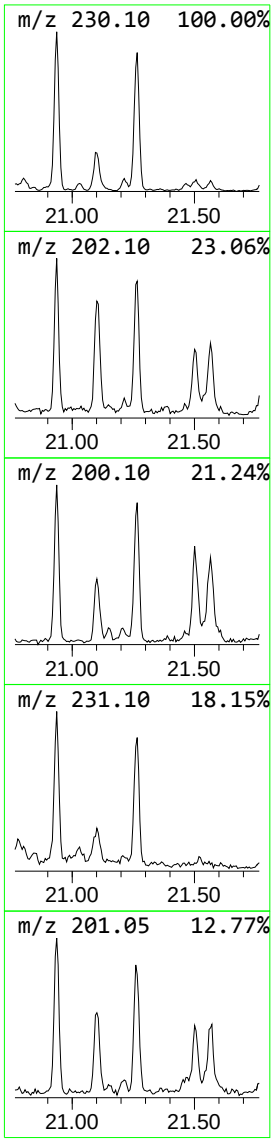
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.265	3.17 ng/ul	283252	Chrysene-d12	21.524

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	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72





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Data File : BG061497.D
Acq On : 5 Jun 2024 22:03
Operator : MA/JU
Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ8

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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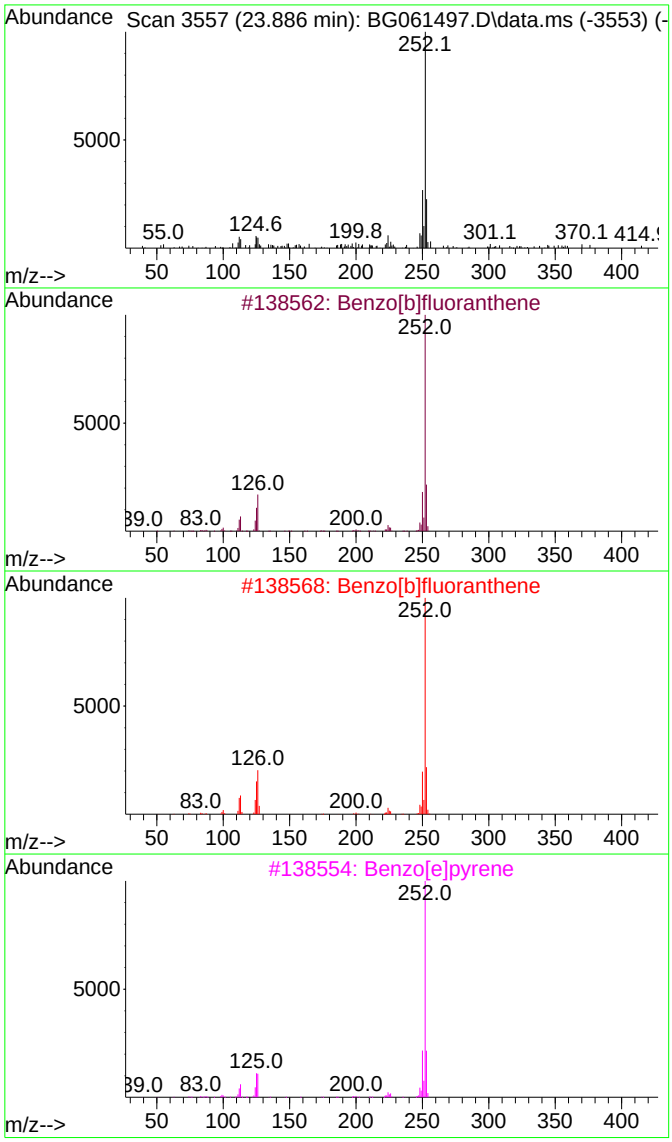
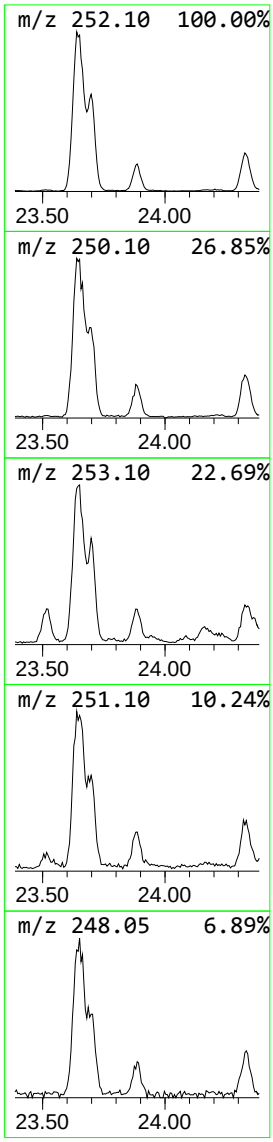
Peak Number 21 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.886	4.62 ng/ul	123405	Perylene-d12	24.615

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061497.D
Acq On : 5 Jun 2024 22:03
Operator : MA/JU
Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ8

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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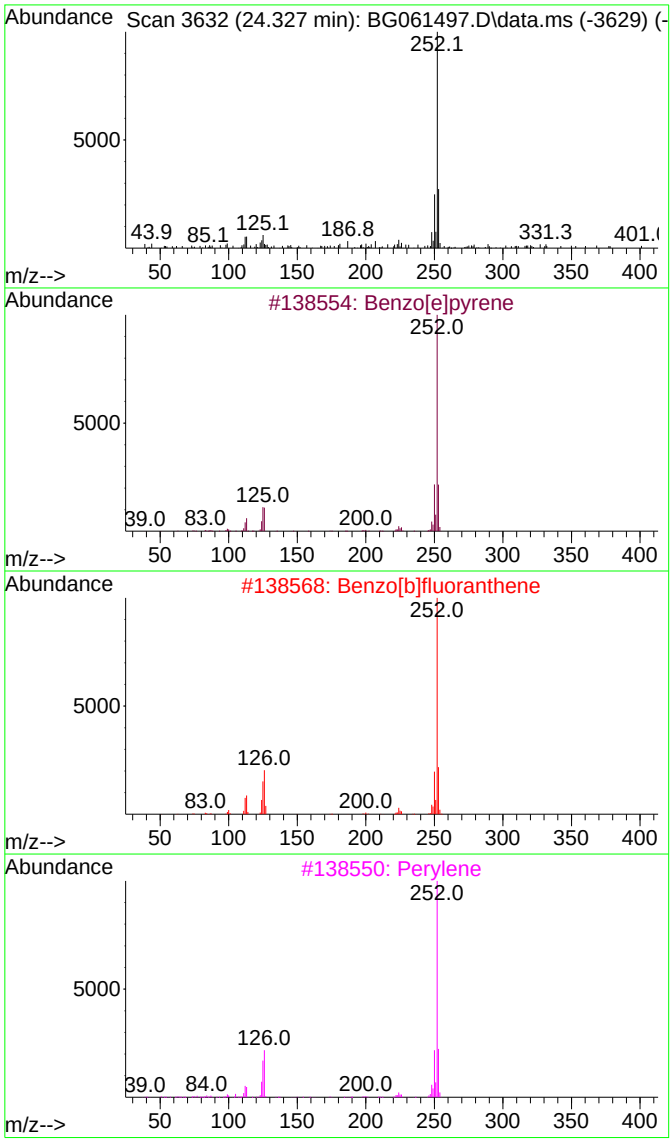
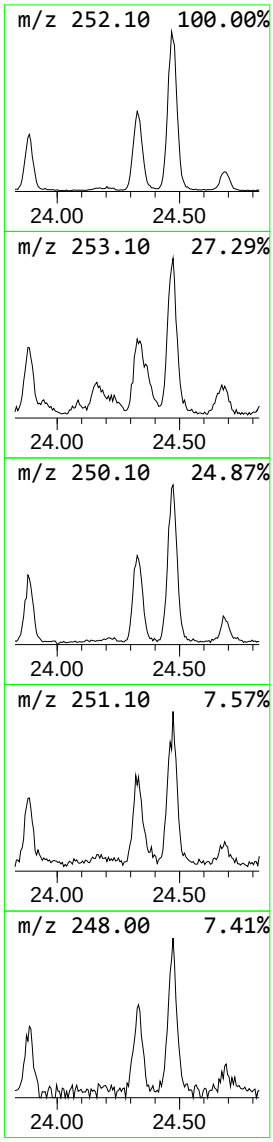
Peak Number 22 Perylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.327	2.97 ng/ul	79270	Perylene-d12	24.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
3	Perylene	252	C20H12	000198-55-0	76
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061497.D
Acq On : 5 Jun 2024 22:03
Operator : MA/JU
Sample : P2623-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ8

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...	3.075	225.1	ng/ul	2165790	1	7.875	192417	20.0
unknown-01	3.610	4.2	ng/ul	40745	1	7.875	192417	20.0
unknown-02	3.857	2.2	ng/ul	20868	1	7.875	192417	20.0
1-Phenoxypropan...	11.406	4.0	ng/ul	54198	2	10.666	270030	20.0
9H-Fluoren-9-one	16.918	4.2	ng/ul	88173	4	17.264	419211	20.0
Naphtho[2,1-b]t...	17.076	2.5	ng/ul	51625	4	17.264	419211	20.0
Anthracene, 1-m...	18.140	7.3	ng/ul	154097	4	17.264	419211	20.0
4H-Cyclopenta[d...	18.334	9.1	ng/ul	189657	4	17.264	419211	20.0
Benzene, 1,1'-(...	18.369	3.4	ng/ul	70704	4	17.264	419211	20.0
Naphthalene, 2-...	18.639	4.3	ng/ul	90996	4	17.264	419211	20.0
9,10-Anthracene...	18.686	6.6	ng/ul	139111	4	17.264	419211	20.0
Phenanthrene, 2...	18.886	2.1	ng/ul	43801	4	17.264	419211	20.0
di-p-Tolylacety...	19.056	4.0	ng/ul	83859	4	17.264	419211	20.0
Cyclopenta(def)...	19.203	6.8	ng/ul	141794	4	17.264	419211	20.0
Pyrene, 1-methyl-	20.014	2.3	ng/ul	203704	5	21.524	1784300	20.0
Fluoranthene, 2...	20.337	2.1	ng/ul	188410	5	21.524	1784300	20.0
11H-Benzo[a]flu...	20.936	2.9	ng/ul	261165	5	21.524	1784300	20.0
Benzo[b]naphtho...	21.107	2.3	ng/ul	203218	5	21.524	1784300	20.0
unknown-03	21.201	2.2	ng/ul	193314	5	21.524	1784300	20.0
7H-Benz[de]anth...	21.265	3.2	ng/ul	283252	5	21.524	1784300	20.0
Benzo[e]pyrene	23.886	4.6	ng/ul	123405	6	24.615	534086	20.0
Perylene	24.327	3.0	ng/ul	79270	6	24.615	534086	20.0