LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061567.D
Acq On : 8 Jun 2024 16:13
Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BHBS1

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: BG061567.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.076	8	15	40	rVB	1016740	2045466	100.00%	9.746%
2	3.611	99	106	116	rBV	26963	50861	2.49%	0.242%
3	3.746	123	129	140	rBV2	39686	75571	3.69%	0.360%
4	3.852	142	147	152	rVV	35018	52407	2.56%	0.250%
5	7.065	688	694	705	rVB	107101	180676	8.83%	0.861%
6	7.201	711	717	723	rBV	69180	109749	5.37%	0.523%
7	7.412	747	753	758	rBV	109800	179007	8.75%	0.853%
8	7.459	758	761	769	rVV2	14471	25429	1.24%	0.121%
9	7.870	824	831	838	rBV	110784	174993	8.56%	0.834%
10	8.593	946	954	965	rBV	92485	164758	8.05%	0.785%
11	9.028	1021	1028	1036	rBV	103188	183171	8.95%	0.873%
12	9.580	1117	1122	1129	rVB2	19252	29227	1.43%	0.139%
13	9.751	1143	1151	1160	rBV2	98292	168927	8.26%	0.805%
14	10.303	1239	1245	1253	rVV	133993	238593	11.66%	1.137%
15	10.667	1297	1307	1312	rBV	132975	242523	11.86%	1.156%
16	10.714	1312	1315	1322	rVB	33087	50029	2.45%	0.238%
17	10.808	1325	1331	1341	rBV4	16938	35633	1.74%	0.170%
18	11.402	1426	1432	1445	rVB2	36885	71850	3.51%	0.342%
19	12.330	1582	1590	1595	rBB2	19333	30794	1.51%	0.147%
20	12.547	1620	1627	1635	rBV	18450	27668	1.35%	0.132%
21	13.828	1840	1845	1851	rVV3	16310	30563	1.49%	0.146%
22	13.916	1851	1860	1865	rVV	242140	361839	17.69%	1.724%
23	14.204	1902	1909	1922	rVB2	258868	417065	20.39%	1.987%
24	14.510	1952	1961	1967	rBV	216977	336101	16.43%	1.601%
25	14.574	1967	1972	1979	rVV	28484	48773	2.38%	0.232%
26	14.727	1989	1998	2001	rBV3	26343	61017	2.98%	0.291%
27	14.768	2001	2005	2018	rVV	61787	127981	6.26%	0.610%
28	14.880	2018	2024	2025	rVV5	13767	19800	0.97%	0.094%
29	14.909	2025	2029	2034	rVV	37097	58624	2.87%	0.279%
30	15.508	2123	2131	2136	rVV	329091	509241	24.90%	2.426%
31	15.561	2136	2140	2150	rVB	39381	65583	3.21%	0.312%
32	15.655	2150	2156	2165	rBV	87987	140212	6.85%	0.668%
33	15.855	2184	2190	2197	rVB2	18567	32988	1.61%	0.157%
34	16.243	2247	2256	2260	rBV6	24207	54110	2.65%	0.258%
35	16.566	2308	2311	2317	rVV4	13536	22184	1.08%	0.106%
36	16.795	2345	2350	2354	rBV4	13779	21481	1.05%	0.102%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

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	16.919	2366	2371	2377	rBV2	38492	60957	2.98%	0.290%
38	17.013	2380	2387	2392	rBV2	81638	114997	5.62%	0.548%
39	17.077	2394	2398	2402	rBV	28184	37320	1.82%	0.178%
40	17.118	2402	2405	2409	rVB2	16017	20226	0.99%	0.096%
41	17.165	2409	2413	2418	rBV5	17751	24643	1.20%	0.117%
42	17.259	2420	2429	2433	rBV	274799	438835	21.45%	2.091%
43	17.306	2433	2437	2442	rVV	528889	739322	36.14%	3.523%
44	17.359	2442	2446	2450	rVV	369569	560218	27.39%	2.669%
45	17.394	2450	2452	2458	rVB	79866	102263	5.00%	0.487%
46	17.453	2458	2462	2469	rVB4	16408	28049	1.37%	0.134%
47	17.577	2480	2483	2488	rVB3	13928	22521	1.10%	0.107%
48	17.671	2488	2499	2504	rBV3	52220	111903	5.47%	0.533%
49	17.847	2525	2529	2536	rVB4	27843	44866	2.19%	0.214%
50	18.058	2559	2565	2569	rBV6	16381	34204	1.67%	0.163%
51	18.141	2574	2579	2581	rBV	94394	145565	7.12%	0.694%
52	18.188	2584	2587	2591	rVV	135254	188684	9.22%	0.899%
53	18.223	2591	2593	2596	rVB	18195	19835	0.97%	0.095%
54	18.270	2596	2601	2606	rVB	25224	37897	1.85%	0.181%
55	18.335	2606	2612	2616	rBV2	120838	232577	11.37%	1.108%
56	18.370	2616	2618	2626	rVB	70660	101102	4.94%	0.482%
57	18.446	2626	2631	2635	rBV5	29112	54248	2.65%	0.258%
58	18.493	2635	2639	2642	rVB6	13184	19519	0.95%	0.093%
59	18.540	2642	2647	2651	rVB4	15394	24341	1.19%	0.116%
60	18.640	2659	2664	2668	rBV	71024	101979	4.99%	0.486%
61	18.687	2668	2672	2680	rVB	87285	129482	6.33%	0.617%
62	18.863	2697	2702	2703	rBV5	13077	20158	0.99%	0.096%
63	18.887	2703	2706	2710	rVB	27529	36692	1.79%	0.175%
64	18.934	2711	2714	2718	rBV	28914	36922	1.81%	0.176%
65	18.981	2718	2722	2725	rVB3	27105	34557	1.69%	0.165%
66	19.057	2730	2735	2741	rBV	81934	162450	7.94%	0.774%
67	19.151	2749	2751	2754	rVB	27863	26021	1.27%	0.124%
68	19.204	2755	2760	2768	rBV3	66332	138655	6.78%	0.661%
69	19.328	2772	2781	2787	rBV	1032688	1438219	70.31%	6.853%
70	19.386	2787	2791	2794	rBV2	25656	33214	1.62%	0.158%
71	19.427	2794	2798	2803	rBV4	30917	53896	2.63%	0.257%
72	19.568	2819	2822	2825	rVB2	23753	23712	1.16%	0.113%
73	19.657	2832	2837	2840	rBV2	567433	904530	44.22%	4.310%
74	19.686	2840	2842	2849	rVB	733839	963939	47.13%	4.593%
75	19.756	2850	2854	2858	rBV2	59448	94706	4.63%	0.451%
76	19.862	2868	2872	2879	rVB	46216	86397	4.22%	0.412%

LSC Area Percent Report

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Data File : BG061567.D
Acq On : 8 Jun 2024 16:13
Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BHBS1

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

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Peak separation: 5

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

77	19.927	2879	2883	2890	rVB2	51470	90751	4.44%	0.432%
78	20.015	2892	2898	2905	rBV3	74347	188815	9.23%	0.900%
79	20.144	2915	2920	2922	rBV3	63741	106839	5.22%	0.509%
80	20.179	2923	2926	2932	rVB2	147672	219928	10.75%	1.048%
81	20.279	2939	2943	2947	rBV	70930	107880	5.27%	0.514%
82	20.338	2949	2953	2957	rVB2	92247	145809	7.13%	0.695%
83	20.479	2974	2977	2981	rBV	63269	76202	3.73%	0.363%
84	20.526	2981	2985	2989	rVV	66364	87513	4.28%	0.417%
85	20.685	3010	3012	3017	rVB5	37664	41526	2.03%	0.198%
86	20.732	3017	3020	3024	rBV6	40644	68213	3.33%	0.325%
87	20.937	3051	3055	3062	rVB	129859	180217	8.81%	0.859%
88	21.114	3080	3085	3089	rBV3	88021	147001	7.19%	0.700%
89	21.155	3089	3092	3094	rBV	53543	70067	3.43%	0.334%
90	21.266	3108	3111	3118	rVB	118899	177952	8.70%	0.848%
91	21.407	3131	3135	3141	rVB	351705	464655	22.72%	2.214%
92	21.513	3147	3153	3159	rBV3	583868	1418015	69.32%	6.757%
93	21.566	3159	3162	3174	rVB	496816	823601	40.26%	3.924%
94	21.713	3183	3187	3194	rVB3	53488	97622	4.77%	0.465%
95	22.301	3282	3287	3296	rVB5	66946	162727	7.96%	0.775%
96	22.494	3316	3320	3325	rBV3	64308	116914	5.72%	0.557%
97	23.652	3509	3517	3523	rBV2	379435	1124126	54.96%	5.356%
98	24.416	3642	3647	3653	rVV2	132327	288598	14.11%	1.375%
99	24.480	3655	3658	3670	rVB	183897	425102	20.78%	2.026%
100	24.627	3676	3683	3692	rVB	183486	462754	22.62%	2.205%

Sum of corrected areas: 20987342

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
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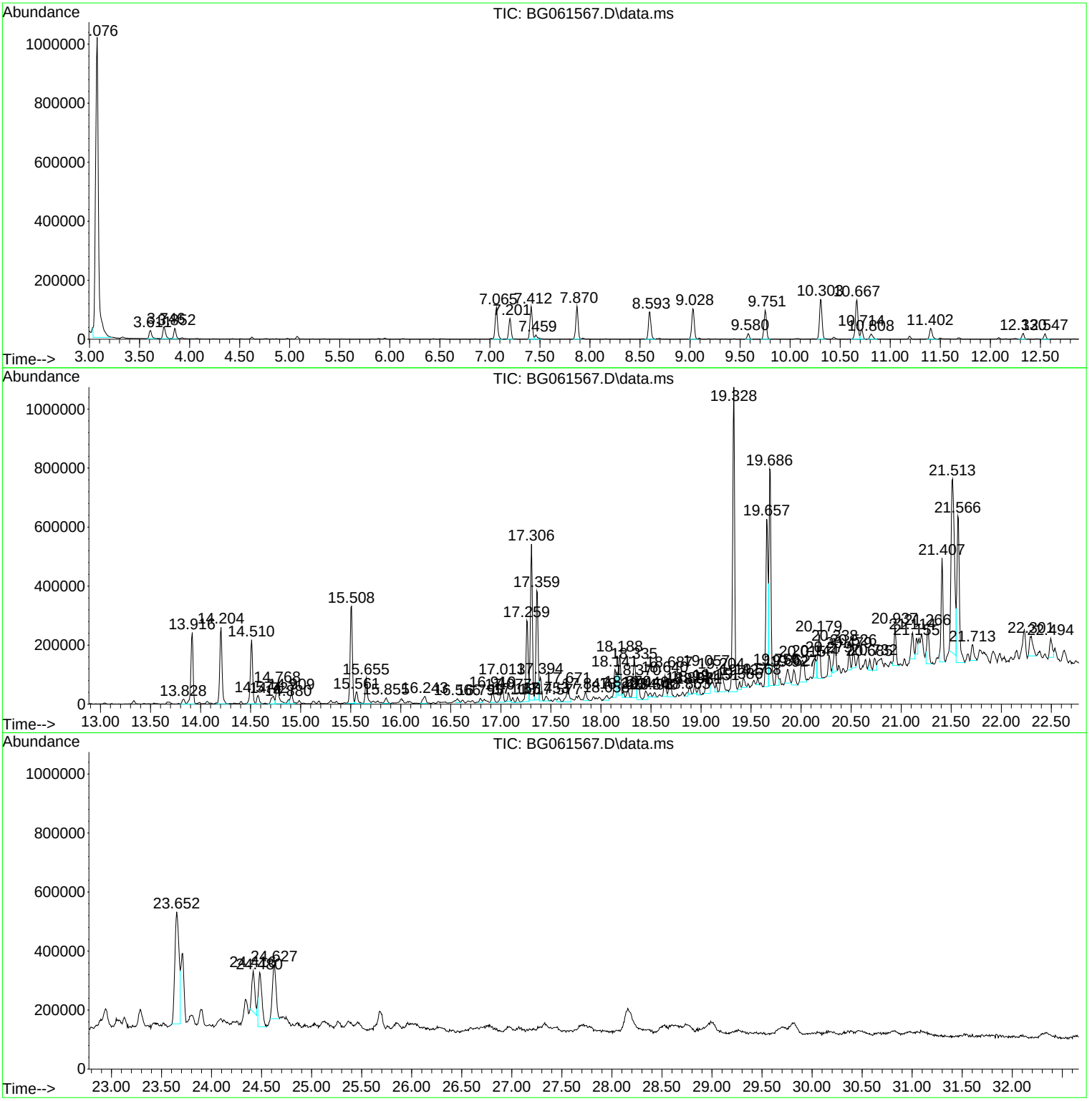
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

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\BG060724\
Data File : BG061567.D
Acq On : 8 Jun 2024 16:13
Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

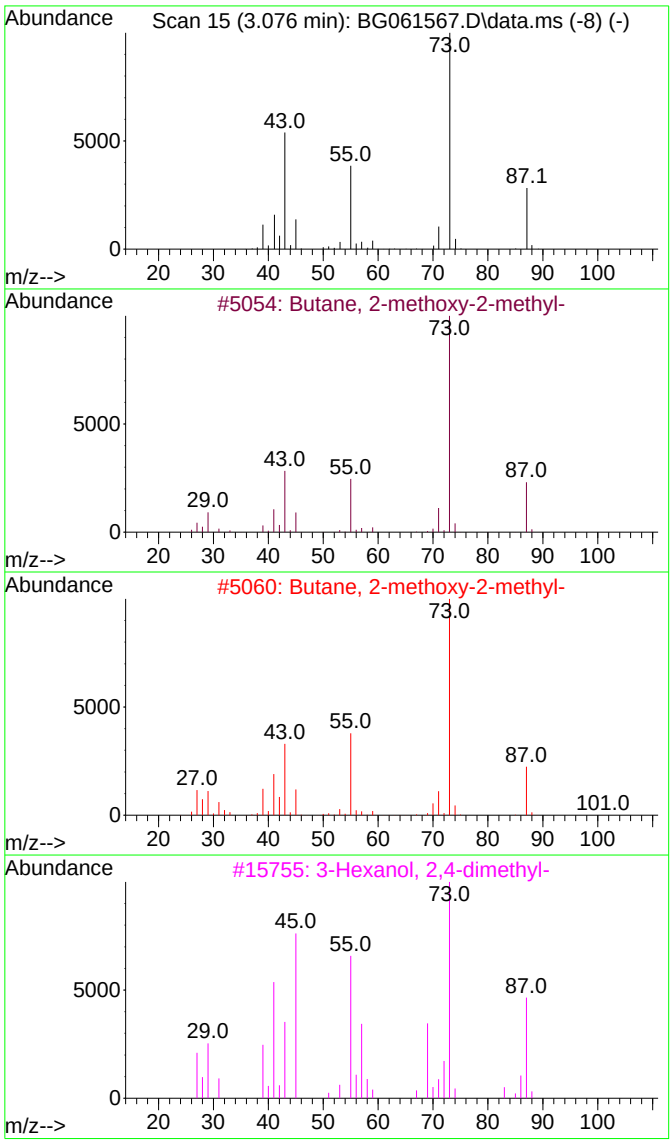
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

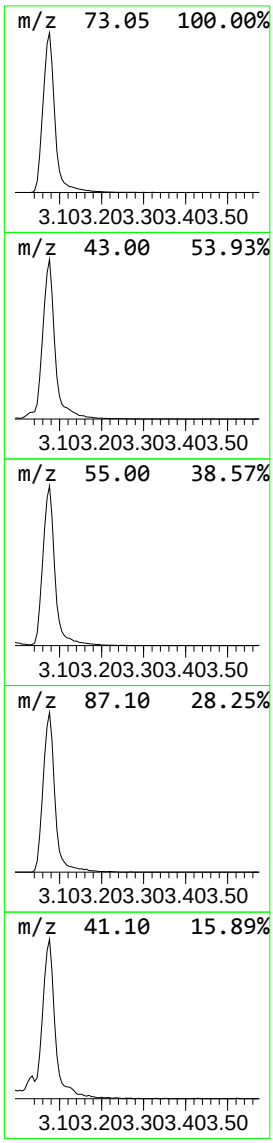
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.076	233.78 ng/ul	2045470	1,4-Dichlorobenzene-d4	7.870

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	53
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	33
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	33
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061567.D
Acq On : 8 Jun 2024 16:13
Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

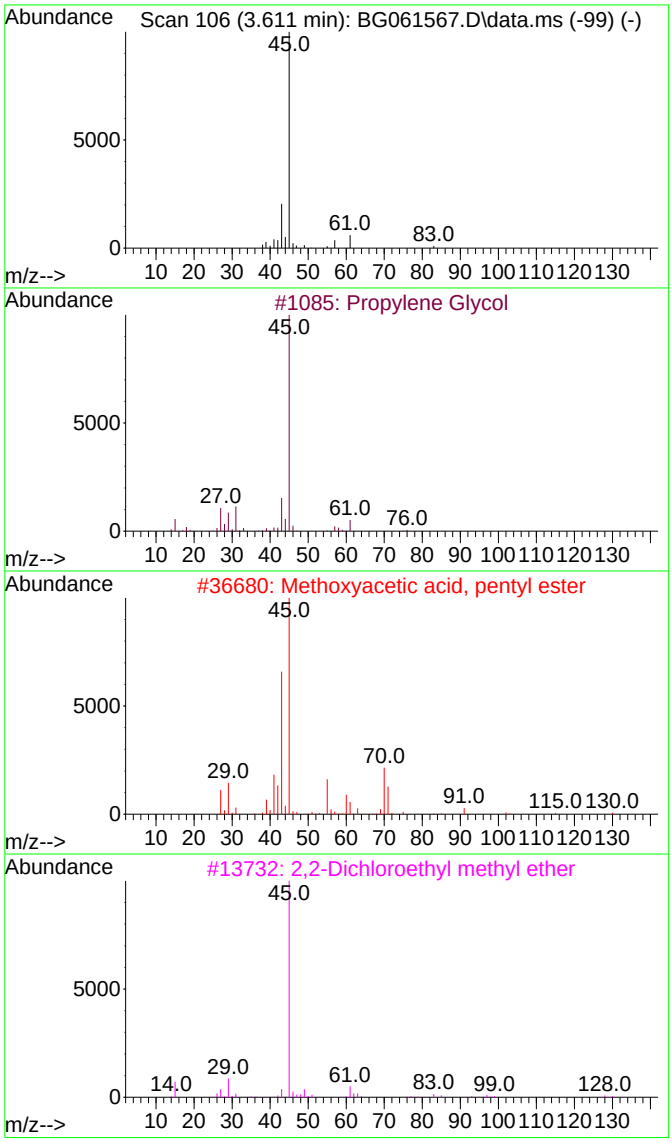
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

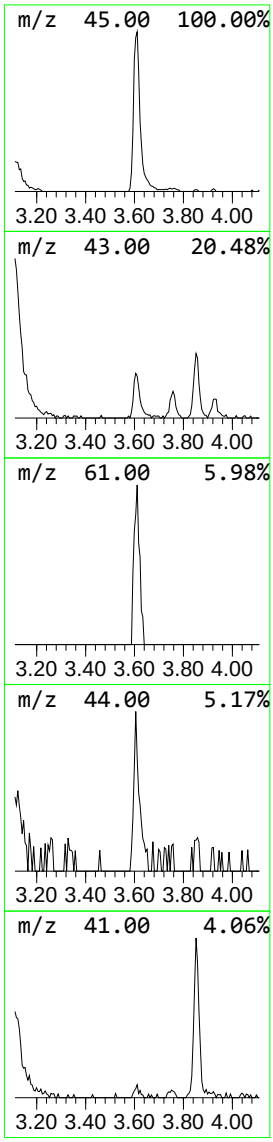
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.611	5.81 ng/ul	50861	1,4-Dichlorobenzene-d4	7.870

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	9
2	Methoxyacetic acid, pentyl ester	160	C8H16O3	168920-35-2	9
3	2,2-Dichloroethyl methyl ether	128	C3H6Cl2O	034862-07-2	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	2-Pentanol	88	C5H12O	006032-29-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061567.D
Acq On : 8 Jun 2024 16:13
Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

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

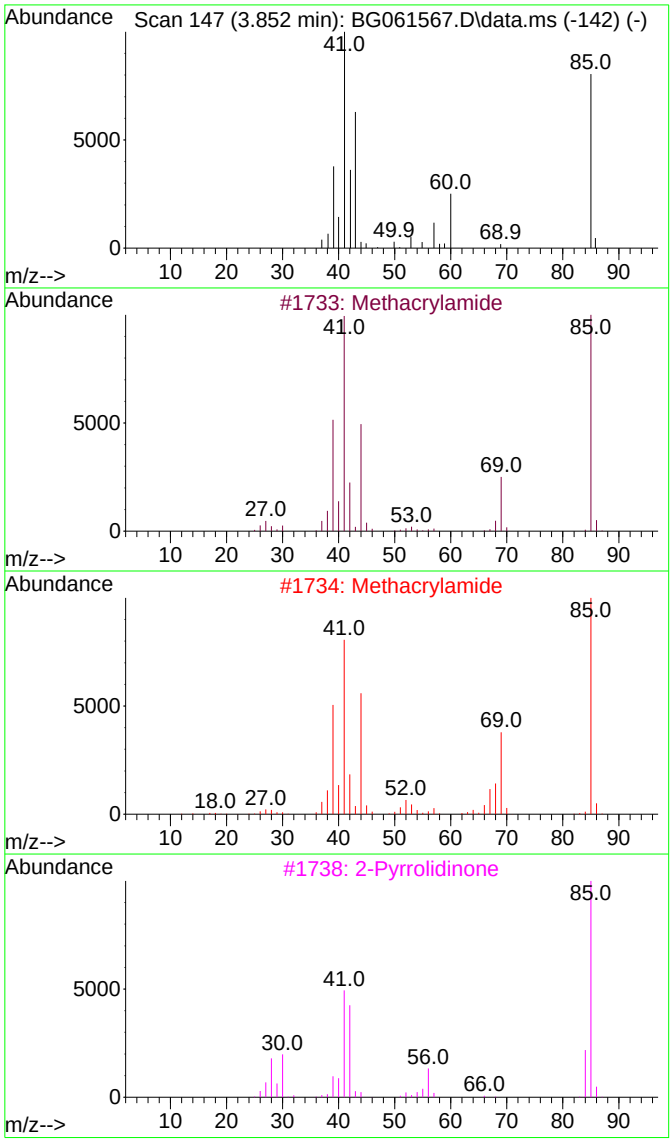
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

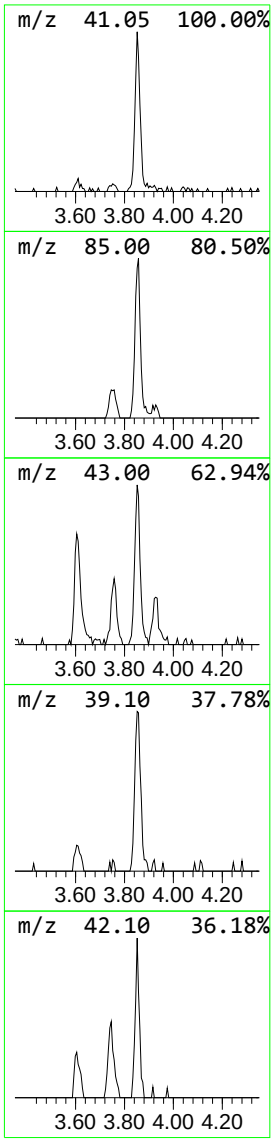
****

Peak Number 3 Methacrylamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.852	5.99 ng/ul	52407	1,4-Dichlorobenzene-d4	7.870

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	50
2	Methacrylamide	85	C4H7NO	000079-39-0	50
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	40
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	40
5	2,2-Dimethylvaleroyl chloride	148	C7H13ClO	015721-22-9	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061567.D
Acq On : 8 Jun 2024 16:13
Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

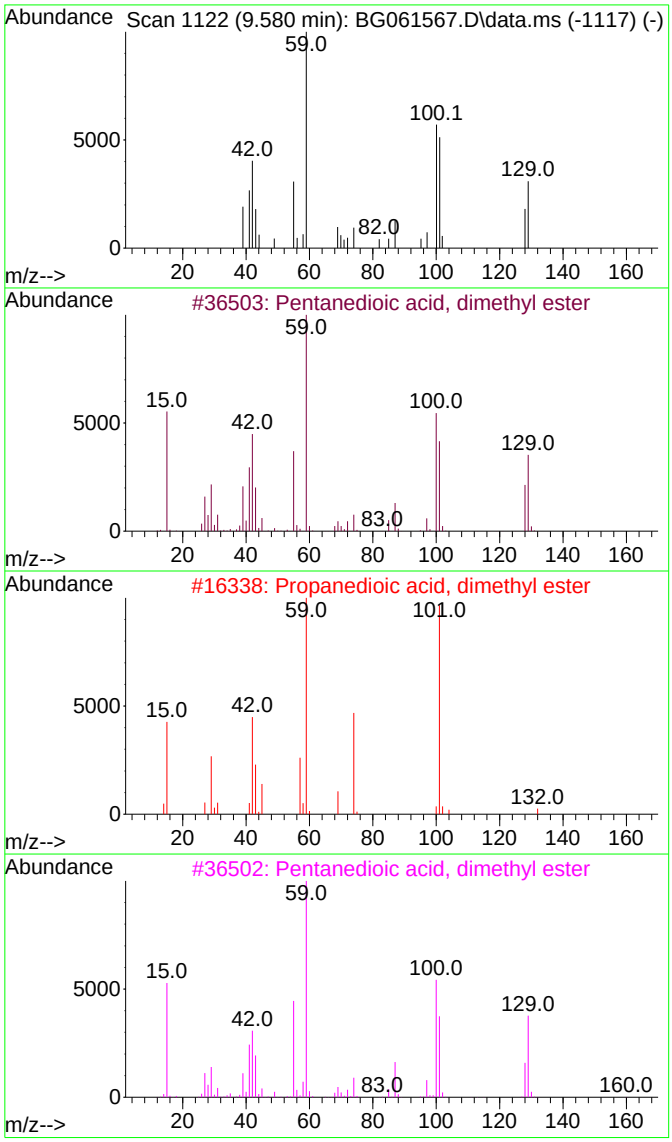
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

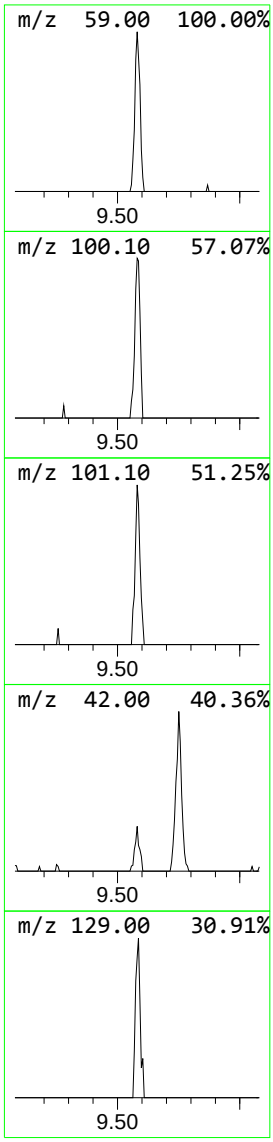
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentanedioic acid, dimethyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.580	2.41 ng/ul	29227	Naphthalene-d8	10.667

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	90
2	Propanedioic acid, dimethyl ester	132	C5H8O4	000108-59-8	40
3	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	38
4	Butanoic acid, 4-(2-methoxy-1-me...	204	C9H16O5	054966-46-0	37
5	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061567.D
Acq On : 8 Jun 2024 16:13
Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

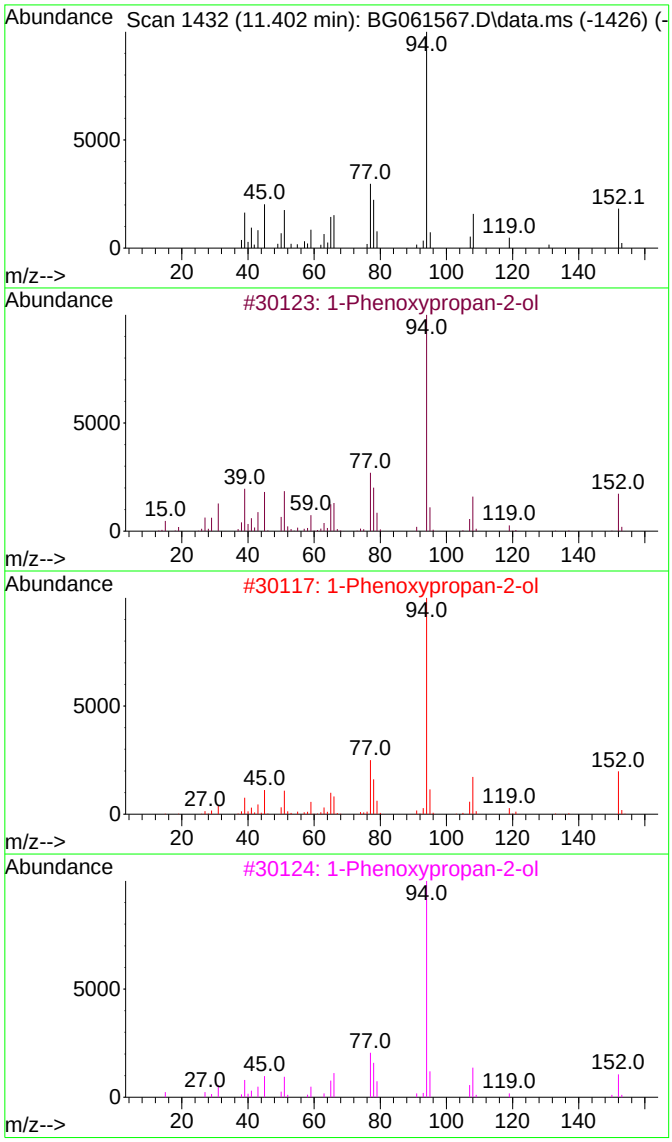
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

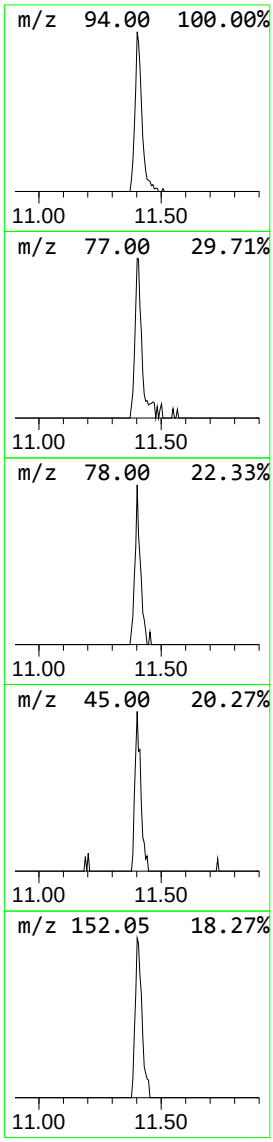
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Phenoxypropan-2-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.402	5.93 ng/ul	71850	Naphthalene-d8	10.667

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
4	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	47
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	47





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Acq On : 8 Jun 2024 16:13
Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

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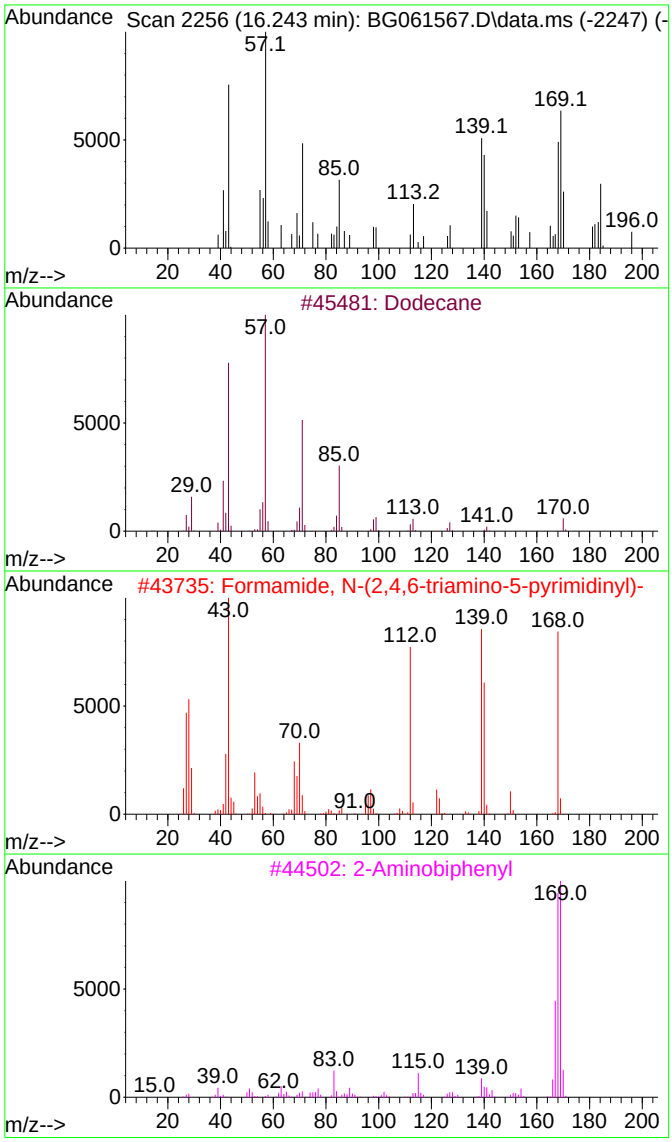
Quant Title : SVOA CALIBRATION

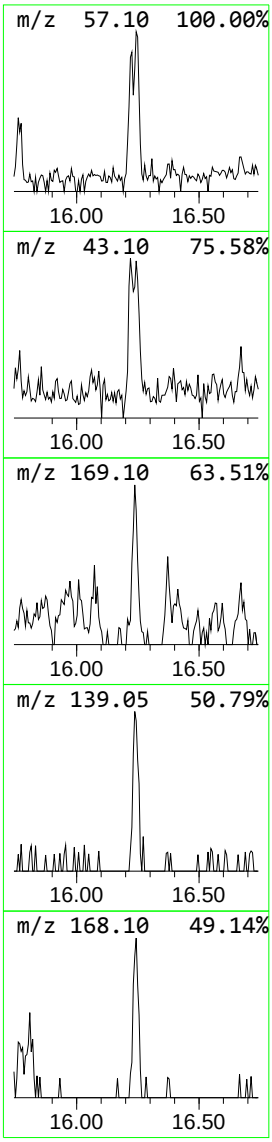
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.243	2.47 ng/ul	54110	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	35
2	Formamide, N-(2,4,6-triamino-5-p...	168	C5H8N6O	024867-33-2	27
3	2-Aminobiphenyl	169	C12H11N	000090-41-5	22
4	Dodecane	170	C12H26	000112-40-3	20
5	Tridecane	184	C13H28	000629-50-5	20





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Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

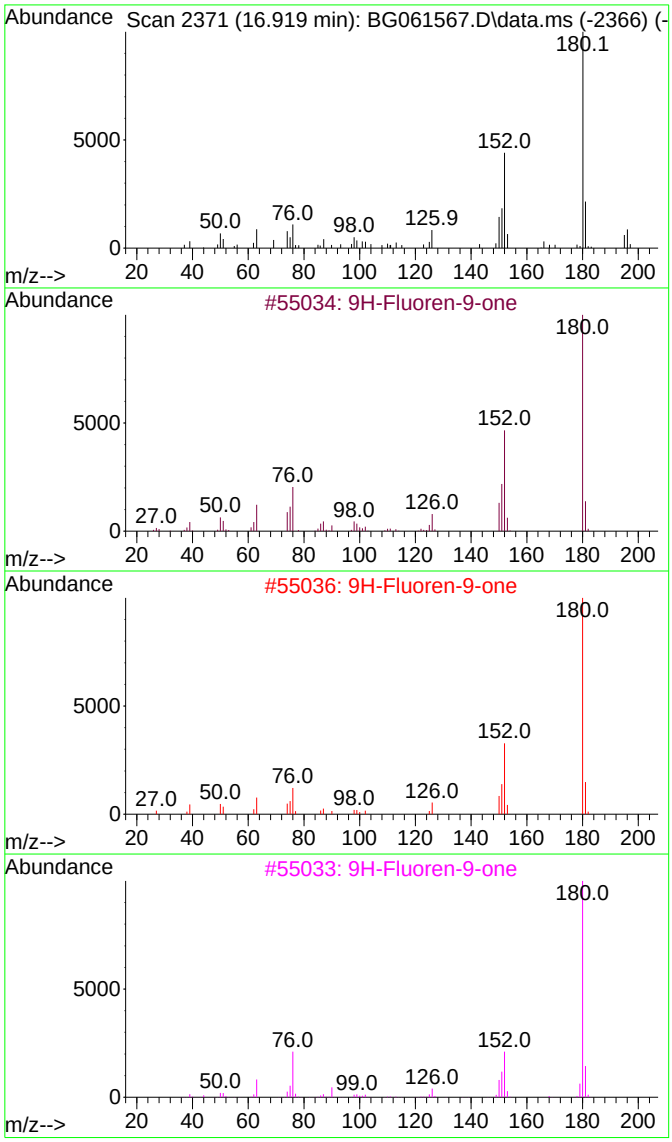
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

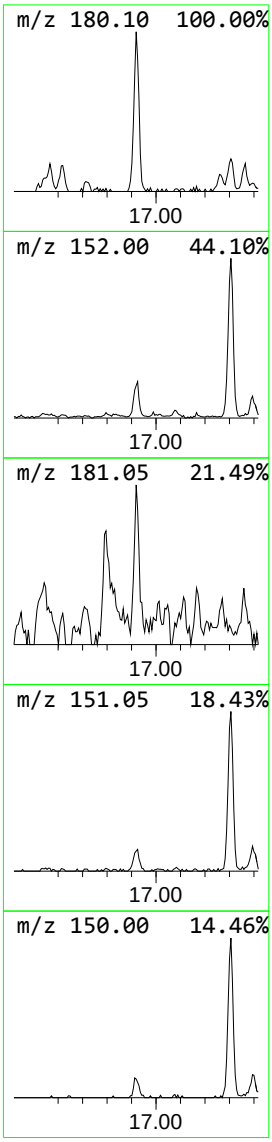
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.919	2.78 ng/ul	60957	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	83
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	76





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Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

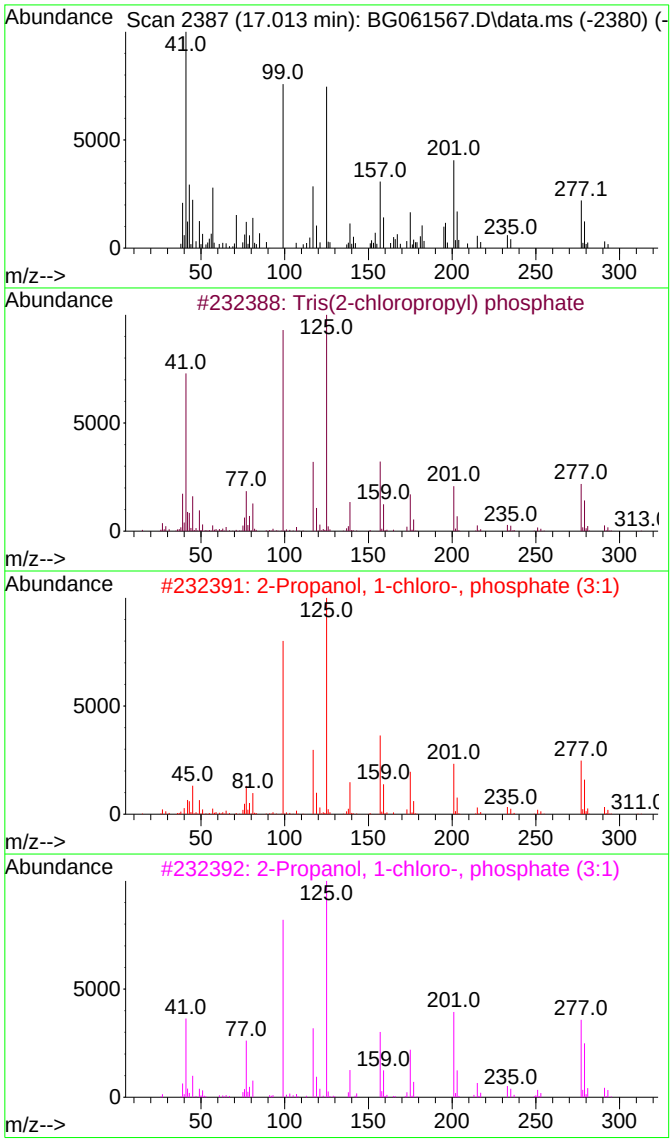
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

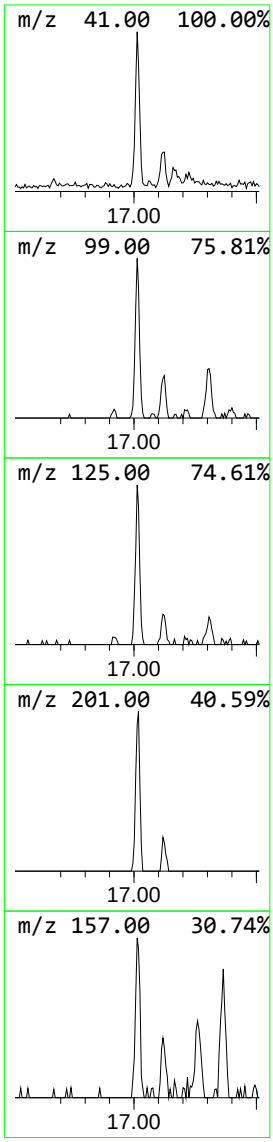
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Tris(2-chloropropyl) phosphate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.013	5.24 ng/ul	114997	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tris(2-chloropropyl) phosphate	326	C9H18Cl3O4P	006145-73-9	87
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	81
3	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	47
4	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	45
5	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	35





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Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

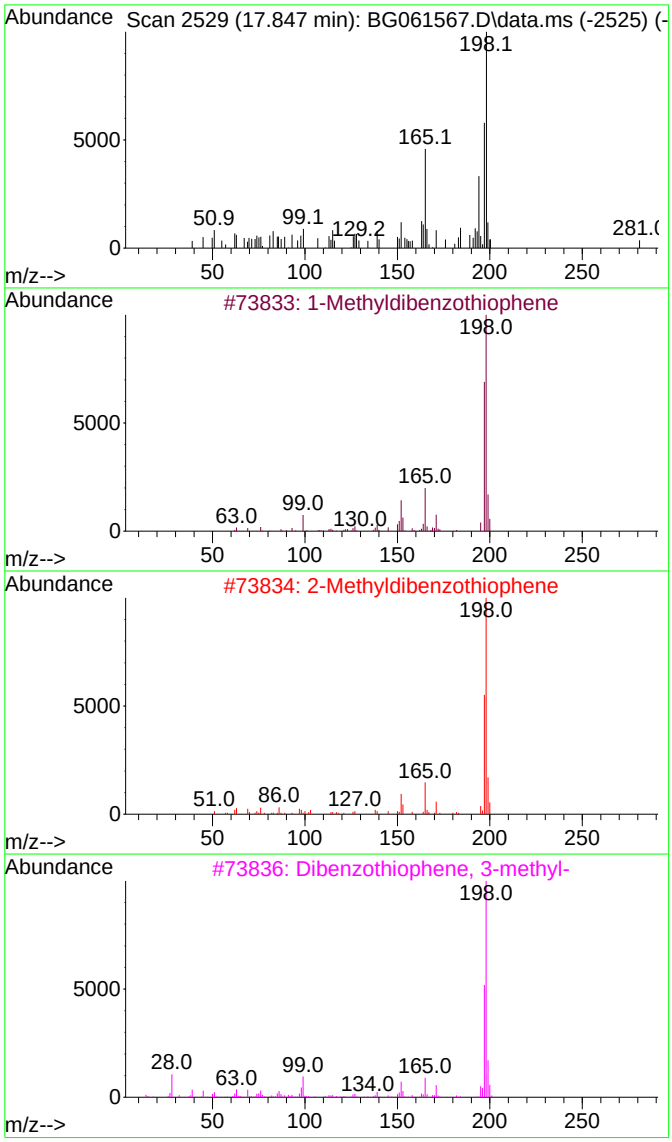
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

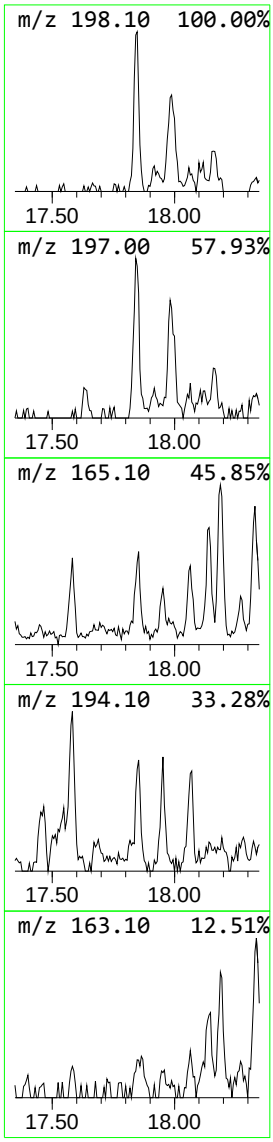
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1-Methyldibenzothiophene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.847	2.04 ng/ul	44866	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	60
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	58
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	49
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	49
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	49





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Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

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 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.141	6.63 ng/ul	145565	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
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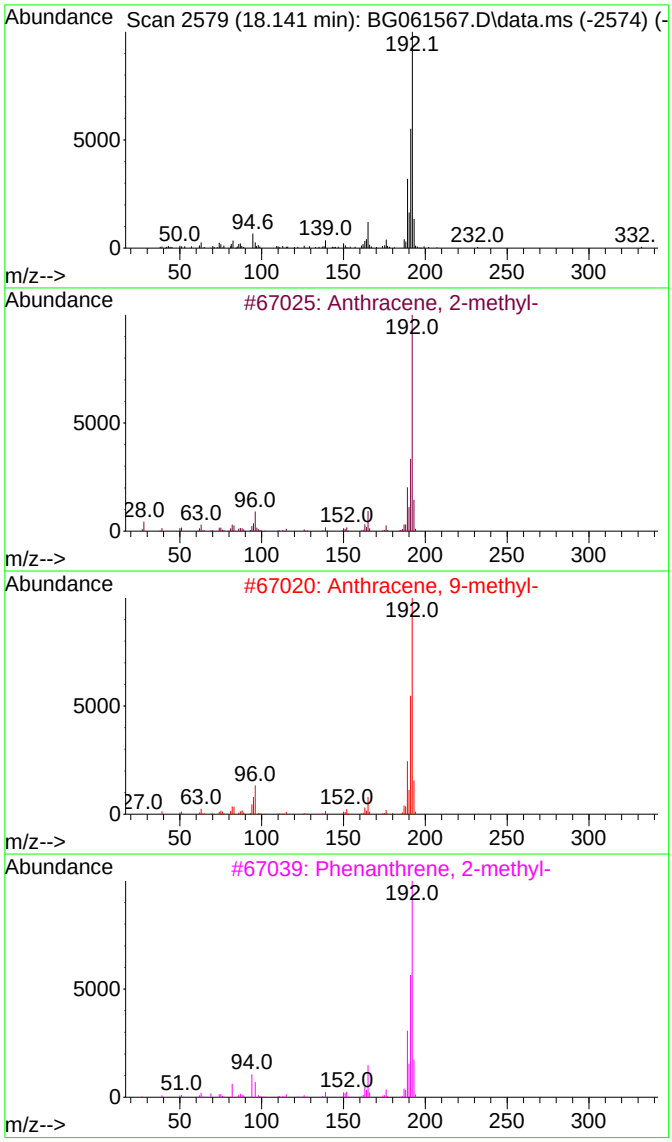

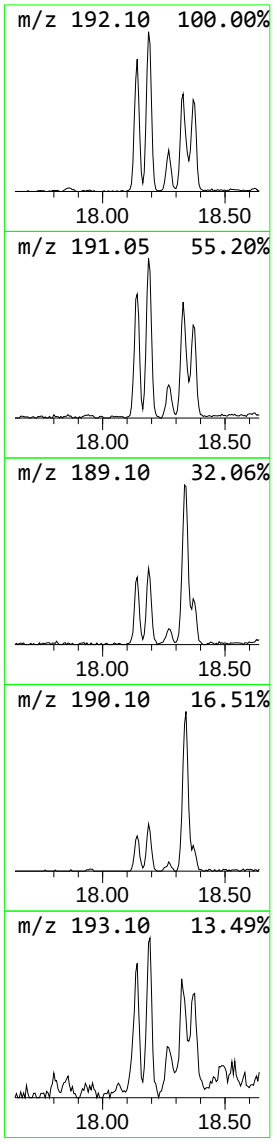

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Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

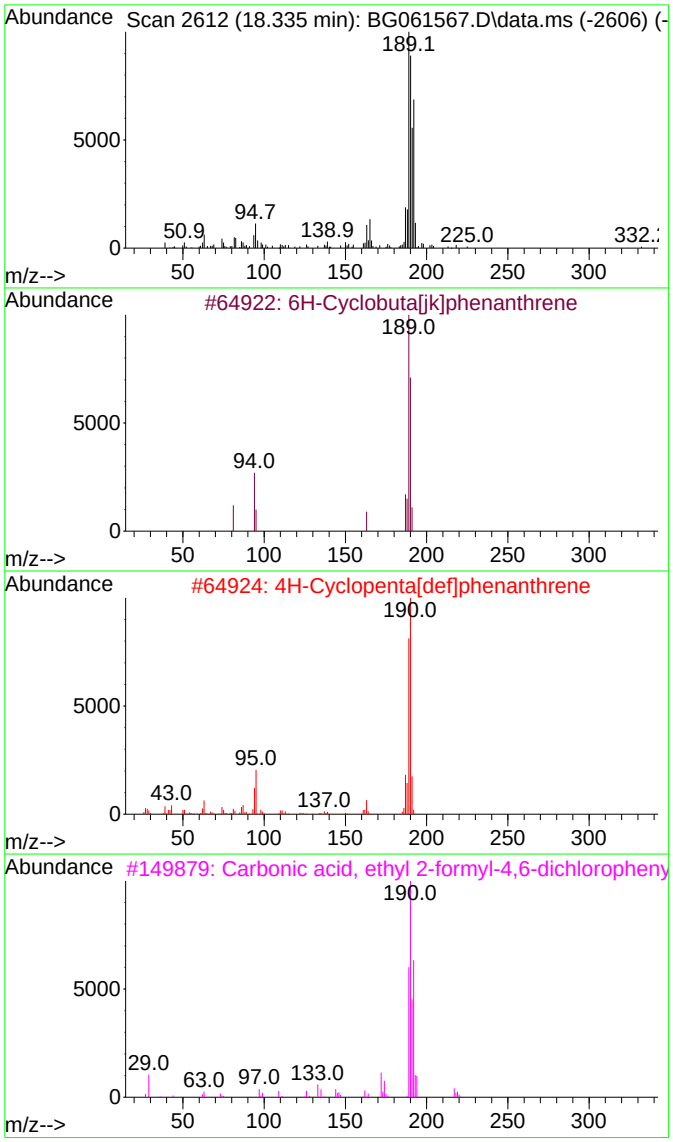
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

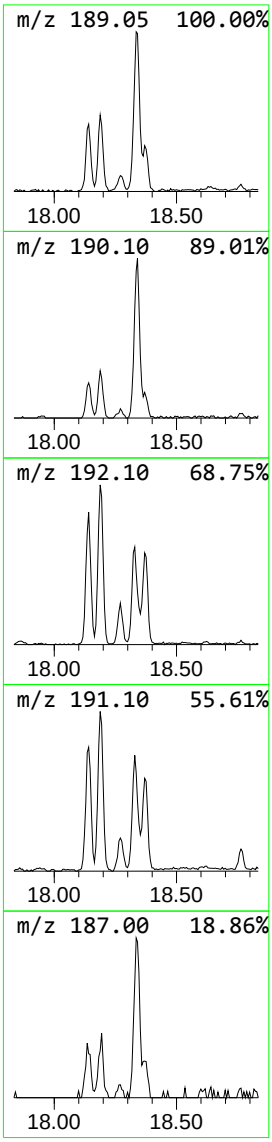
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 6H-Cyclobuta[jk]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.335	10.60 ng/ul	232577	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	38





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Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

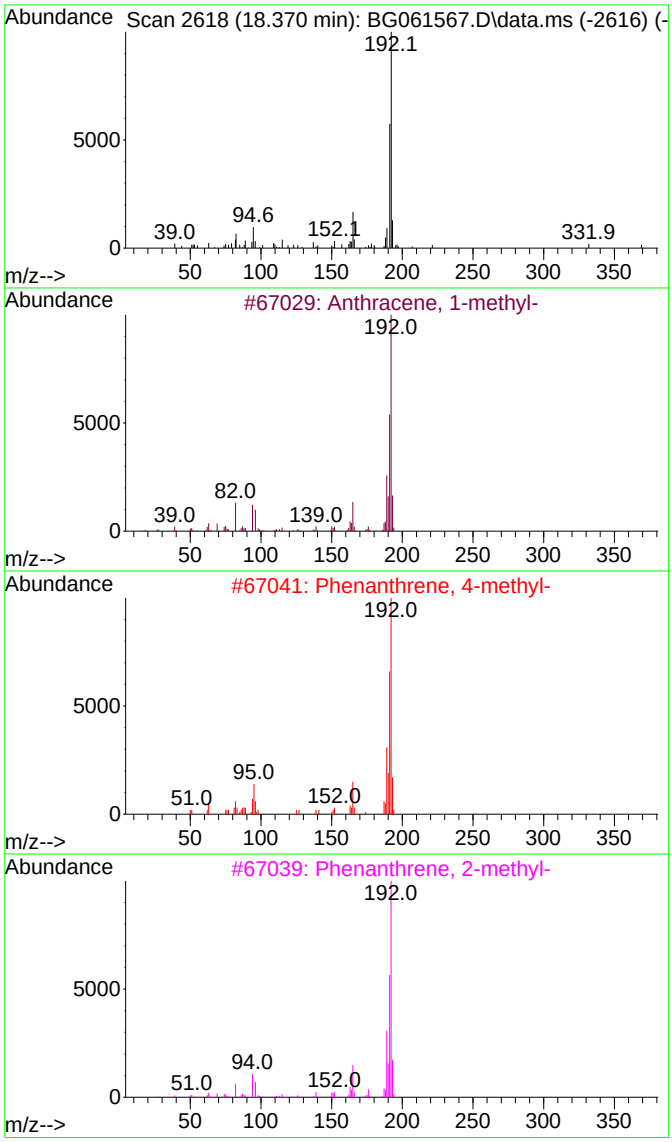
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

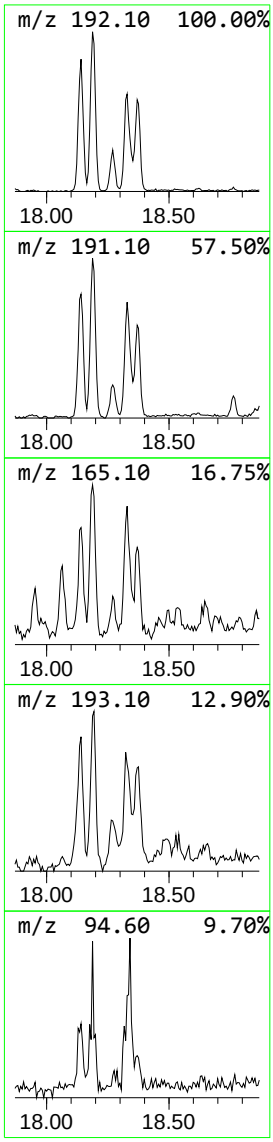
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.370	4.61 ng/ul	101102	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





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Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

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

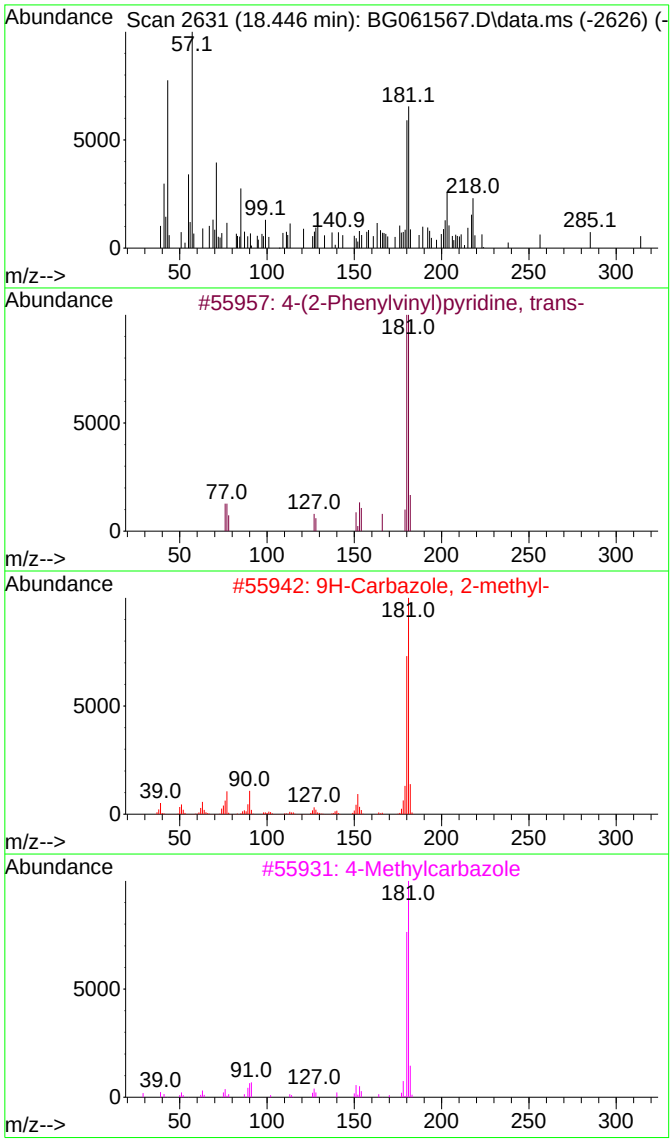
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

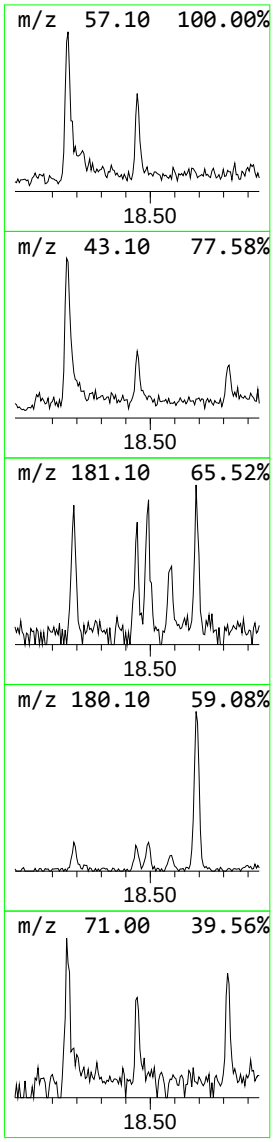
****

Peak Number 13 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.446	2.47 ng/ul	54248	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(2-Phenylvinyl)pyridine, trans-	181	C13H11N	005097-93-8	46
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	38
3	4-Methylcarbazole	181	C13H11N	003770-48-7	38
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	25
5	3-Methylcarbazole	181	C13H11N	004630-20-0	25





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Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

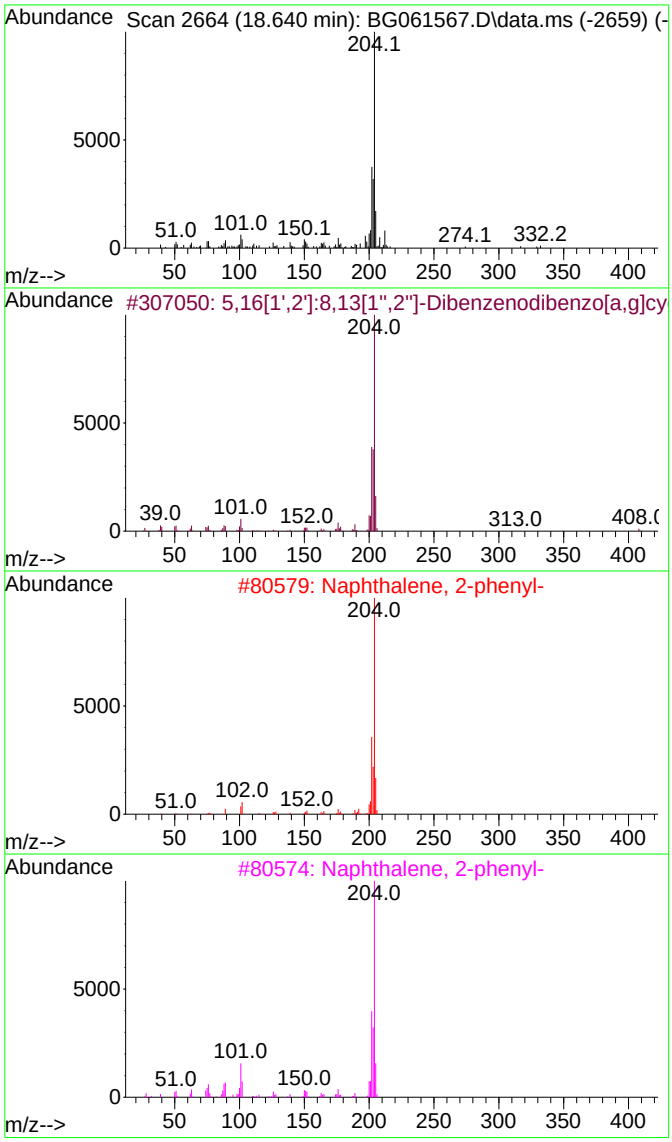
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

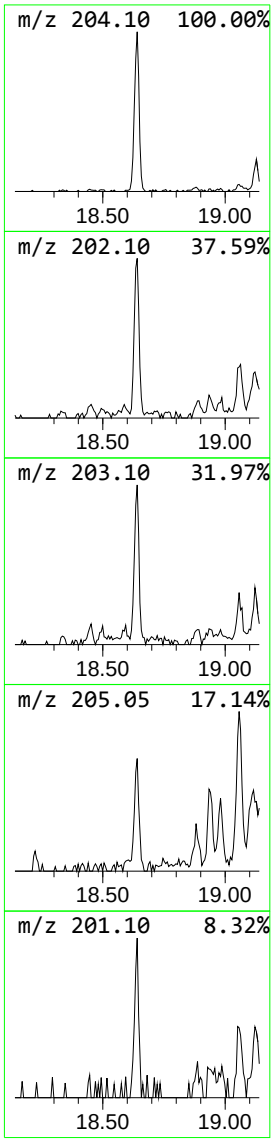
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.640	4.65 ng/ul	101979	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

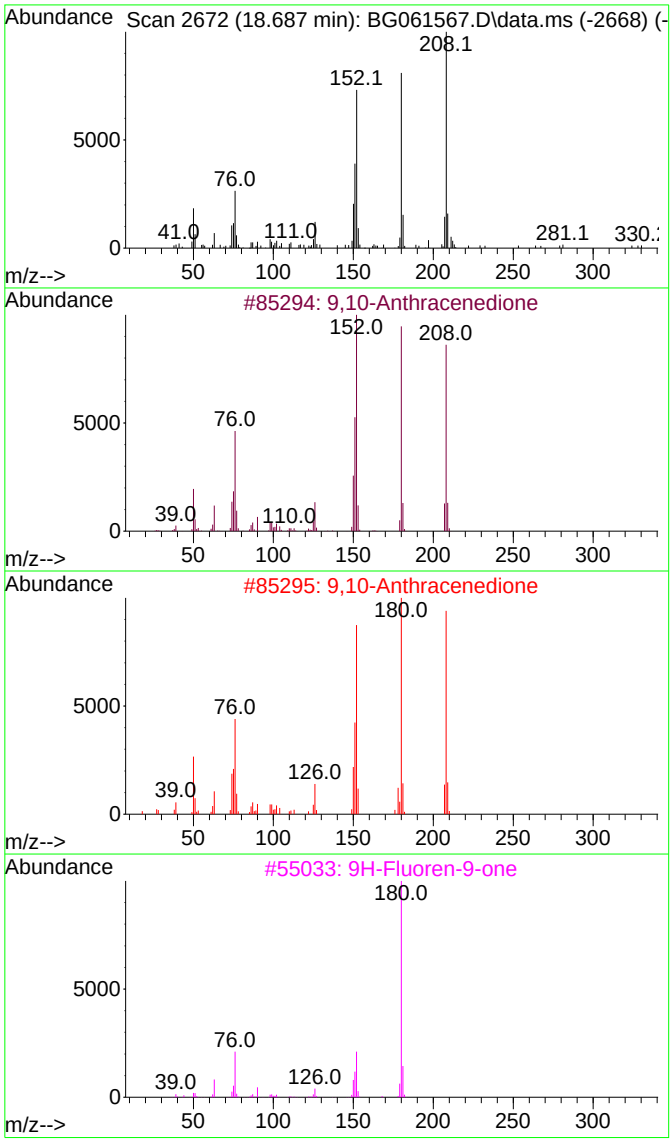
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

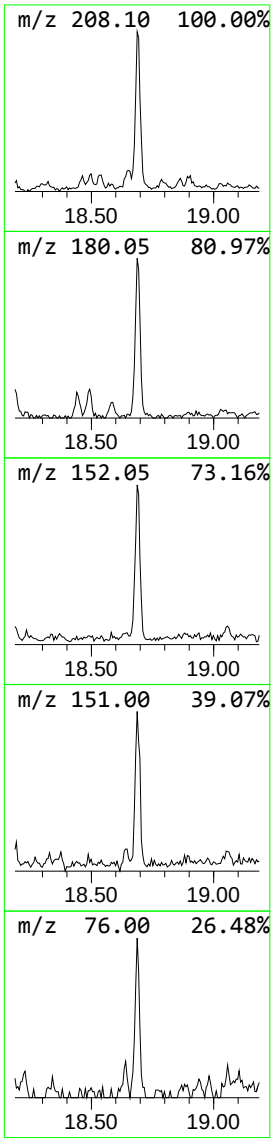
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.687	5.90 ng/ul	129482	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	86
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	76





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ALS Vial : 6 Sample Multiplier: 1

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

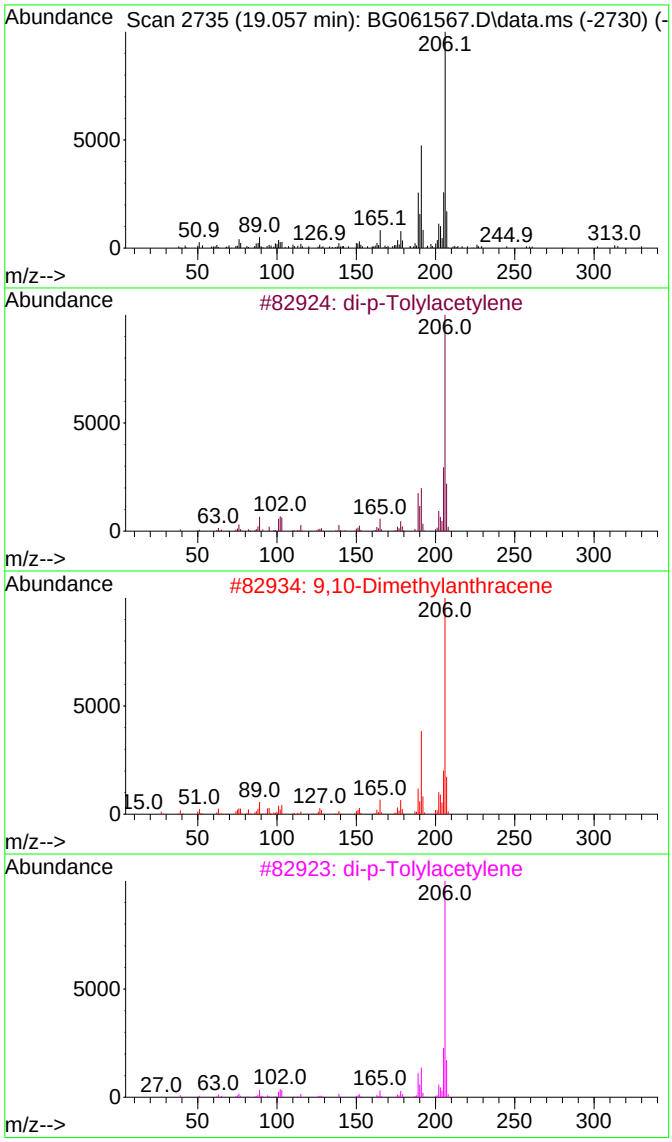
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

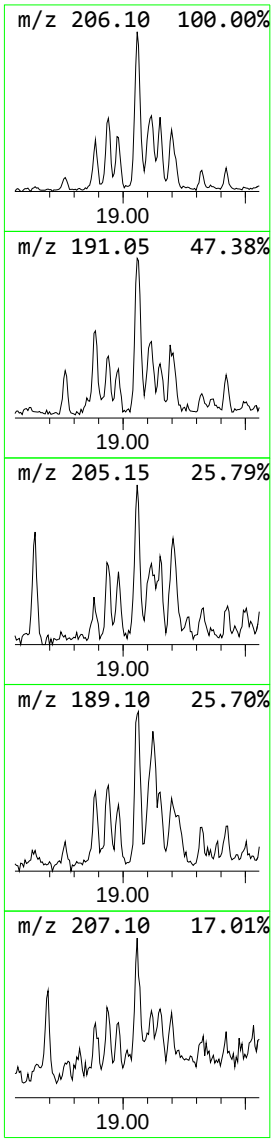
****

Peak Number 16 di-p-Tolylacetylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	7.40 ng/ul	162450	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





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Acq On : 8 Jun 2024 16:13
Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

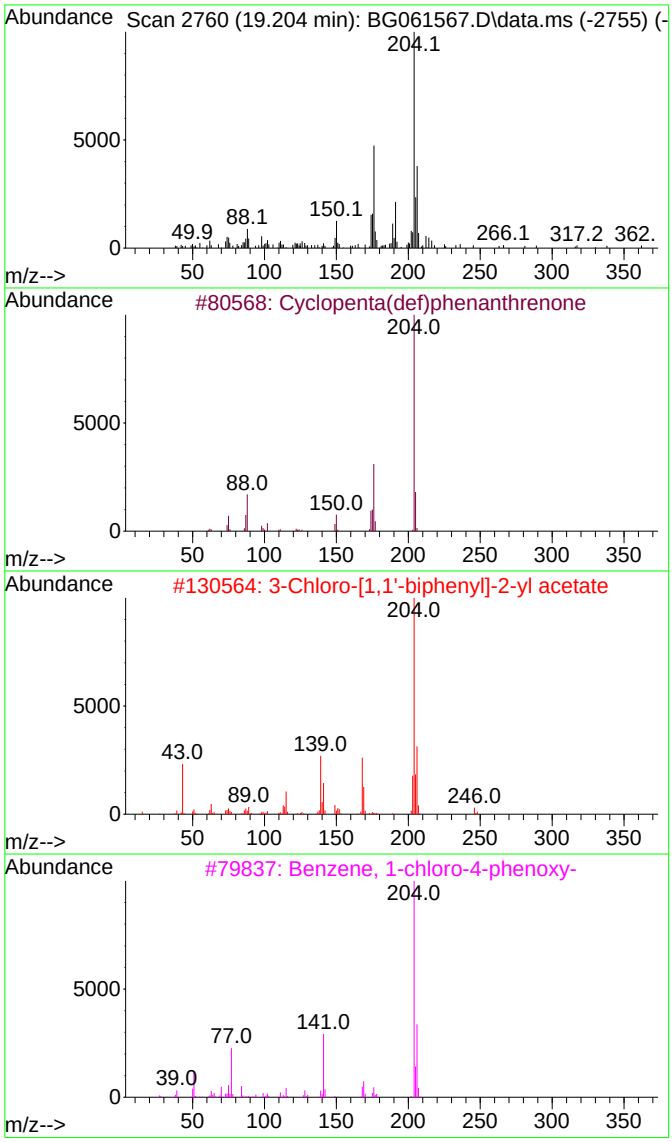
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

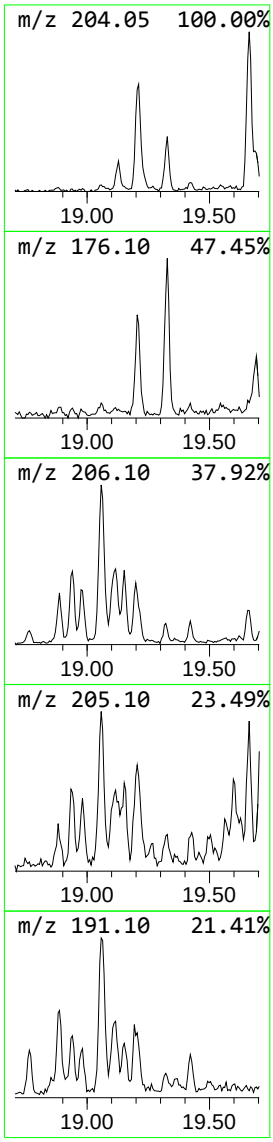
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.204	6.32 ng/ul	138655	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2	3-Chloro-[1,1'-biphenyl]-2-yl ac...	246	C14H11ClO2	007460-70-0	43
3	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	43
4	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	43
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061567.D
Acq On : 8 Jun 2024 16:13
Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

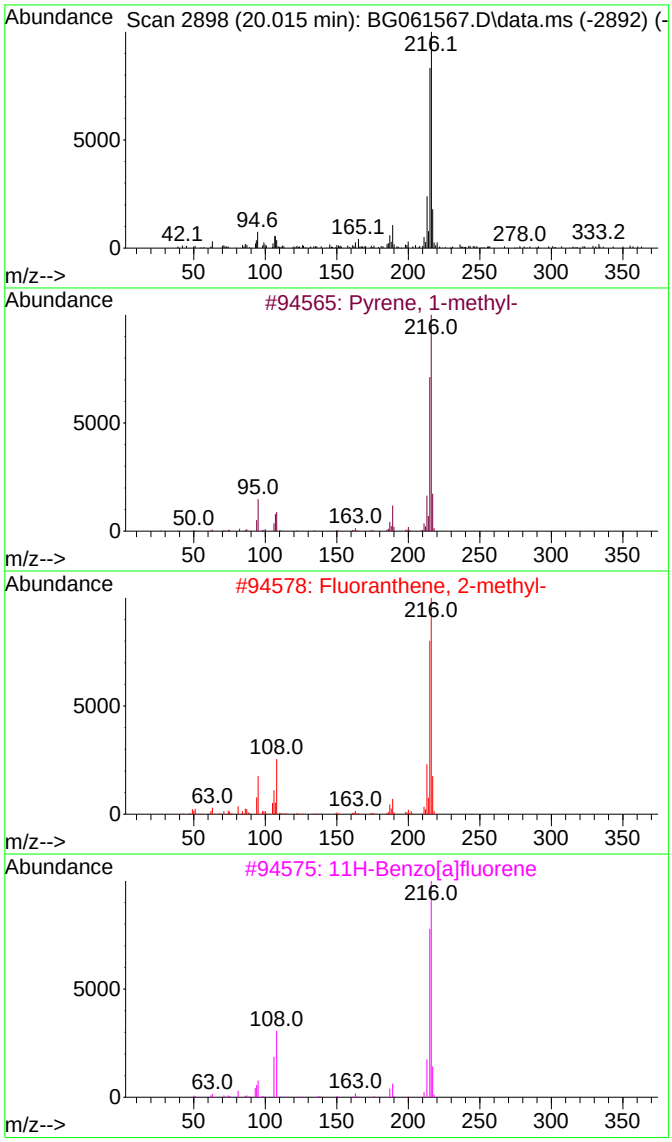
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

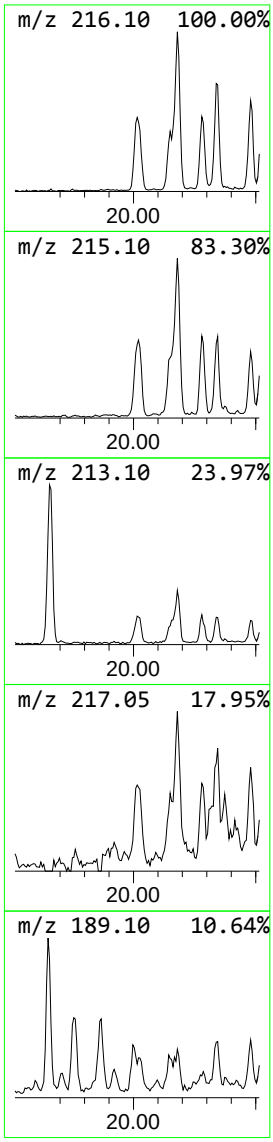
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.015	2.66 ng/ul	188815	Chrysene-d12	21.525

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	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Acq On : 8 Jun 2024 16:13
Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

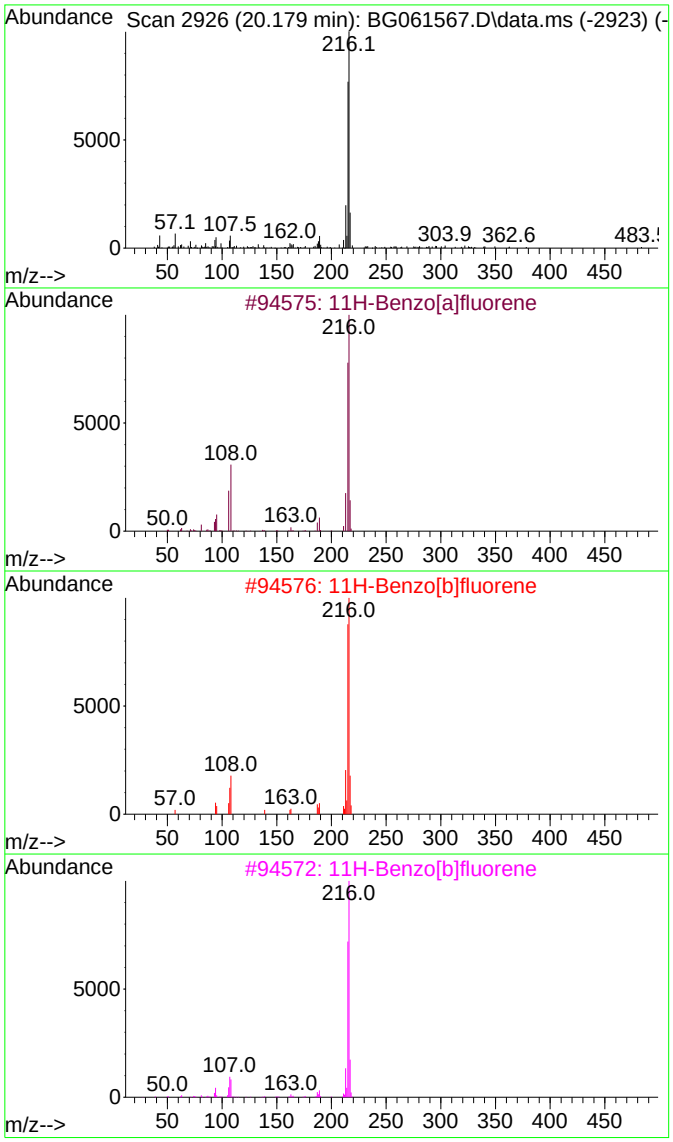
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

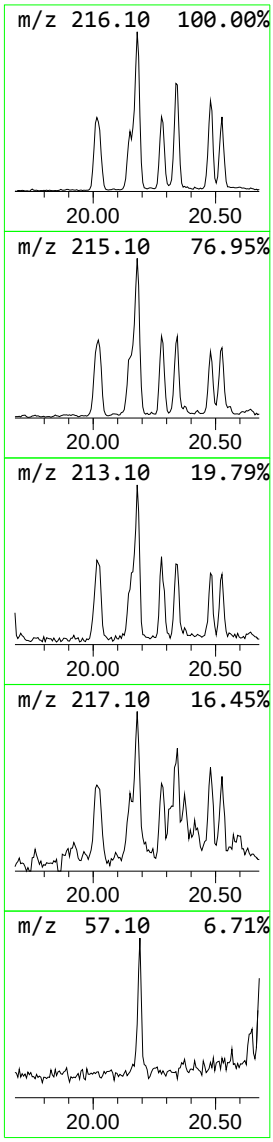
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.179	3.10 ng/ul	219928	Chrysene-d12	21.525

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





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Data File : BG061567.D
Acq On : 8 Jun 2024 16:13
Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

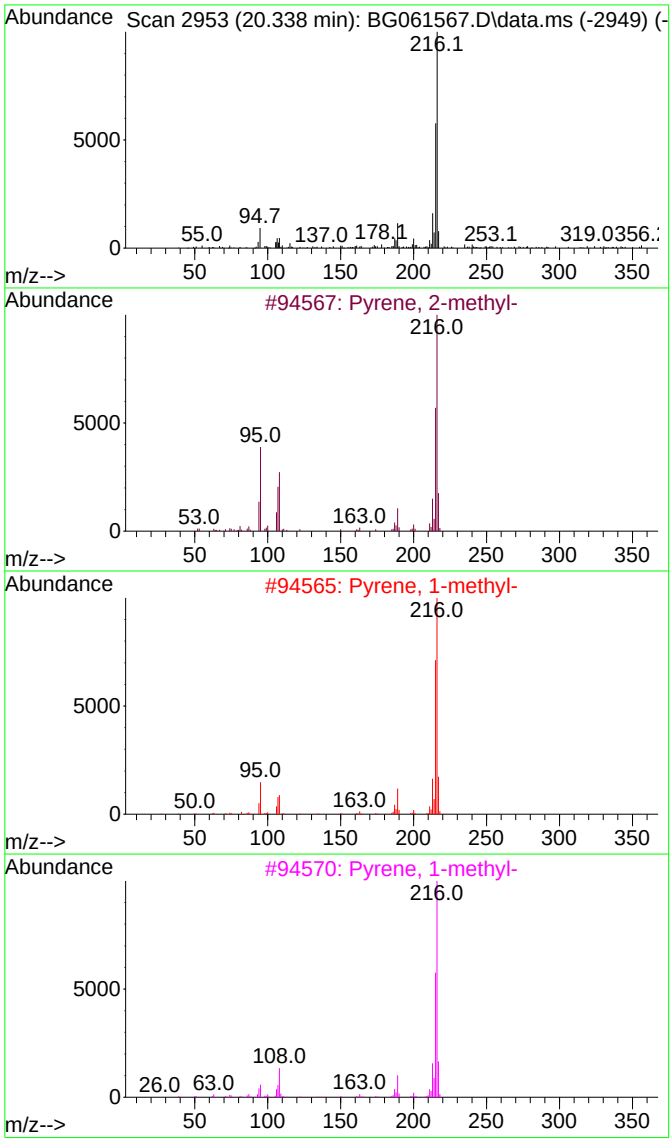
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

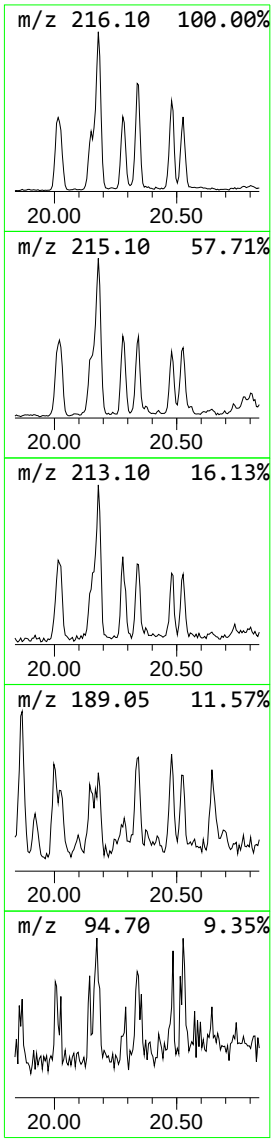
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Pyrene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.338	2.06 ng/ul	145809	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78





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Data File : BG061567.D
Acq On : 8 Jun 2024 16:13
Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

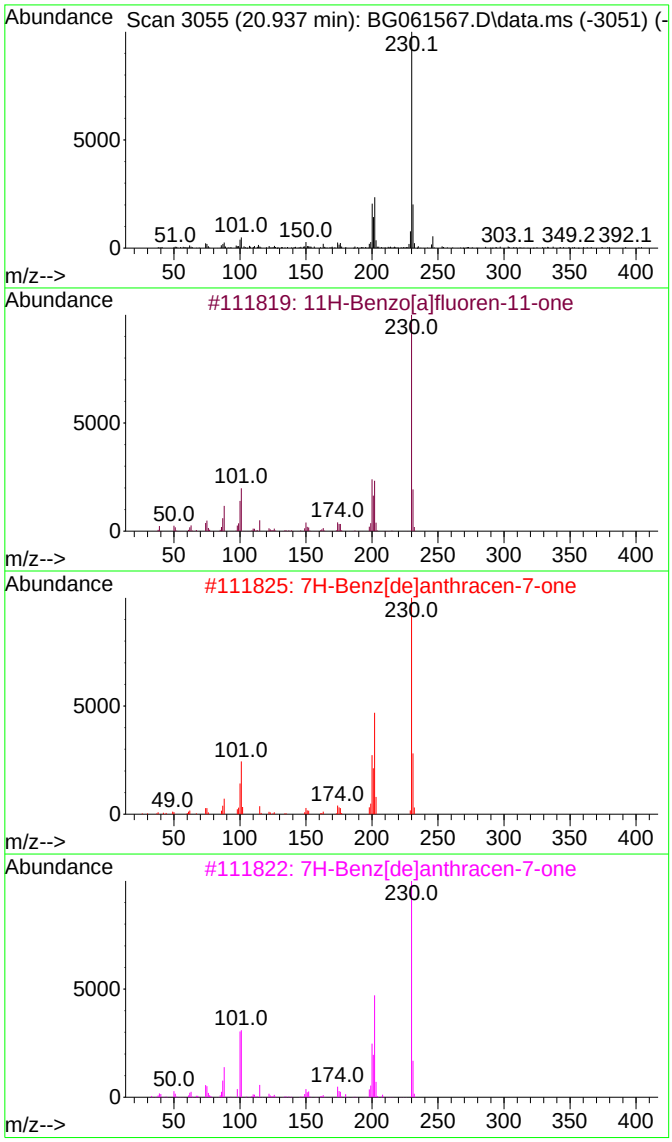
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

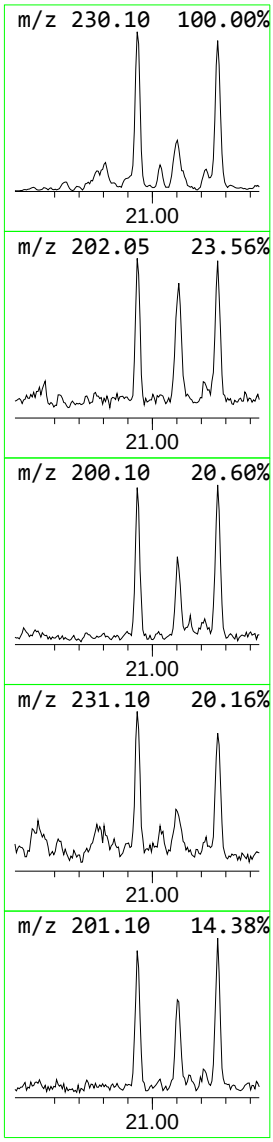
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.937	2.54 ng/ul	180217	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
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	76
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061567.D
Acq On : 8 Jun 2024 16:13
Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

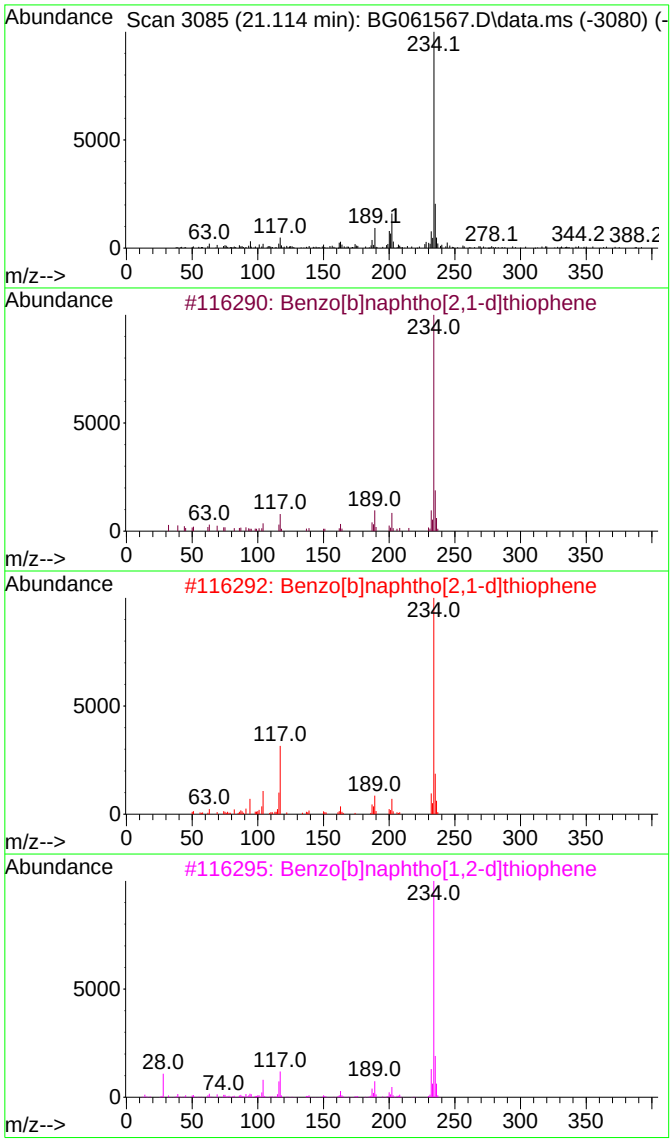
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

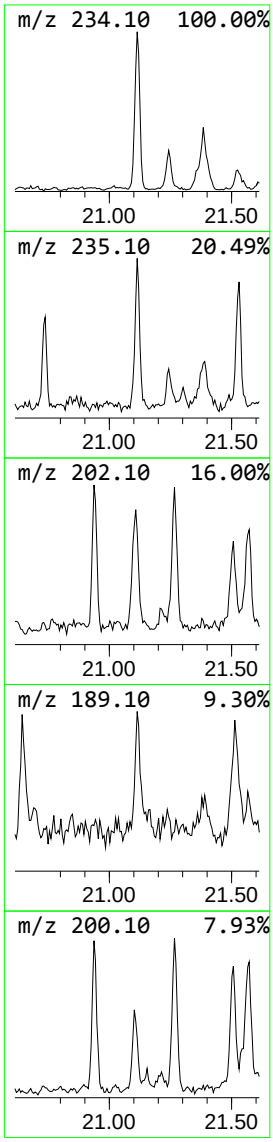
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.114	2.07 ng/ul	147001	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	86
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	86
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	83
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061567.D
Acq On : 8 Jun 2024 16:13
Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

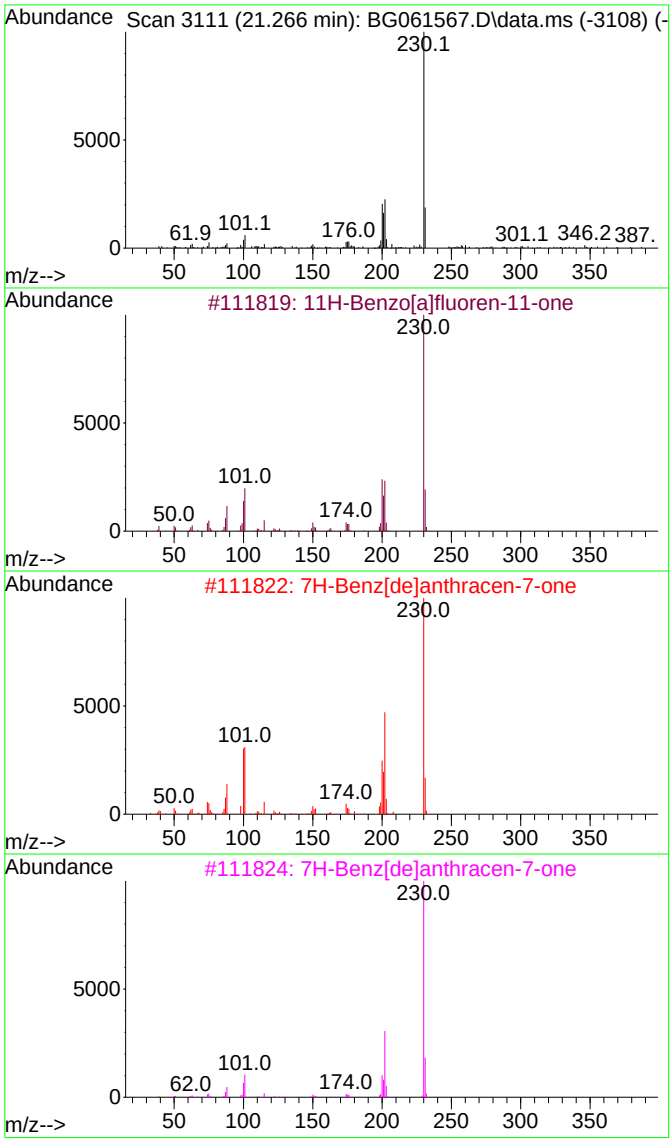
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

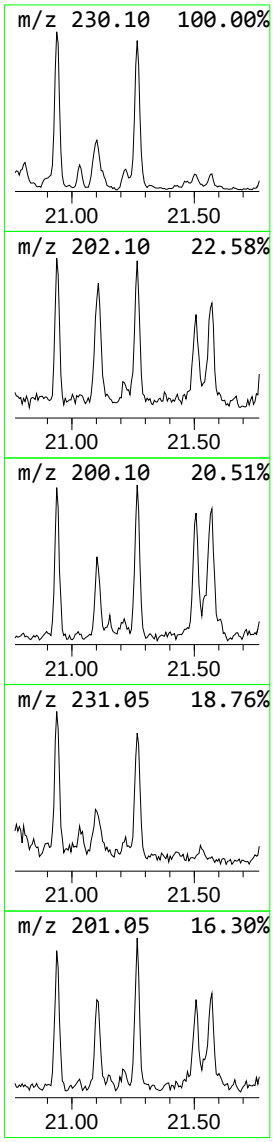
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.266	2.51 ng/ul	177952	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061567.D
Acq On : 8 Jun 2024 16:13
Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

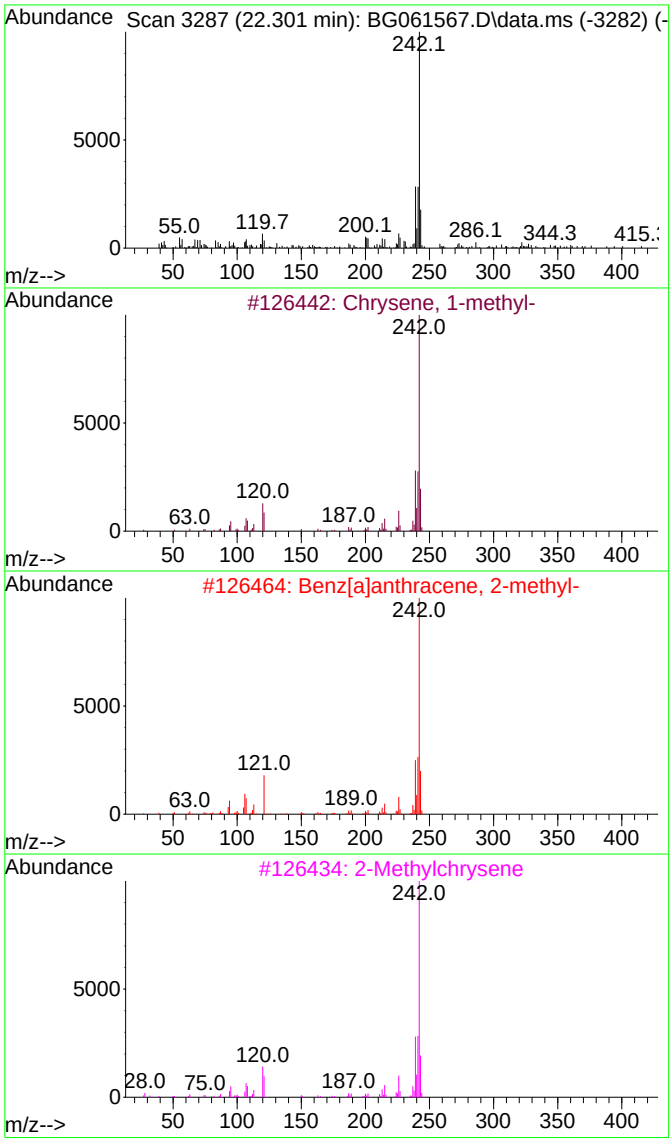
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

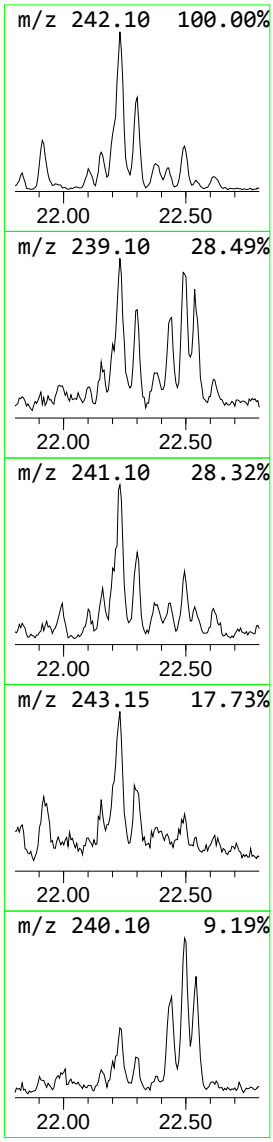
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Chrysene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.301	2.30 ng/ul	162727	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
2	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	89
3	2-Methylchrysene	242	C19H14	003351-32-4	89
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	76
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061567.D
Acq On : 8 Jun 2024 16:13
Operator : MA/JU
Sample : P2647-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS1

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...	3.076	233.8	ng/ul	2045470	1	7.870	174993	20.0
unknown-01	3.611	5.8	ng/ul	50861	1	7.870	174993	20.0
Methacrylamide	3.852	6.0	ng/ul	52407	1	7.870	174993	20.0
Pentanedioic ac...	9.580	2.4	ng/ul	29227	2	10.667	242523	20.0
1-Phenoxypropan...	11.402	5.9	ng/ul	71850	2	10.667	242523	20.0
(DEL) Alkane: S...	16.243	2.5	ng/ul	54110	4	17.265	438835	20.0
9H-Fluoren-9-one	16.919	2.8	ng/ul	60957	4	17.265	438835	20.0
Tris(2-chloropr...	17.013	5.2	ng/ul	114997	4	17.265	438835	20.0
1-Methyldibenzo...	17.847	2.0	ng/ul	44866	4	17.265	438835	20.0
Anthracene, 2-m...	18.141	6.6	ng/ul	145565	4	17.265	438835	20.0
6H-Cyclobuta[jk...	18.335	10.6	ng/ul	232577	4	17.265	438835	20.0
Anthracene, 1-m...	18.370	4.6	ng/ul	101102	4	17.265	438835	20.0
unknown-02	18.446	2.5	ng/ul	54248	4	17.265	438835	20.0
5,16[1',2']:8,1...	18.640	4.7	ng/ul	101979	4	17.265	438835	20.0
9,10-Anthracene...	18.687	5.9	ng/ul	129482	4	17.265	438835	20.0
di-p-Tolylacety...	19.057	7.4	ng/ul	162450	4	17.265	438835	20.0
Cyclopenta(def)...	19.204	6.3	ng/ul	138655	4	17.265	438835	20.0
Pyrene, 1-methyl-	20.015	2.7	ng/ul	188815	5	21.525	1418020	20.0
11H-Benzo[a]flu...	20.179	3.1	ng/ul	219928	5	21.525	1418020	20.0
Pyrene, 2-methyl-	20.338	2.1	ng/ul	145809	5	21.525	1418020	20.0
11H-Benzo[a]flu...	20.937	2.5	ng/ul	180217	5	21.525	1418020	20.0
Benzo[b]naphtho...	21.114	2.1	ng/ul	147001	5	21.525	1418020	20.0
7H-Benz[de]anth...	21.266	2.5	ng/ul	177952	5	21.525	1418020	20.0
Chrysene, 1-met...	22.301	2.3	ng/ul	162727	5	21.525	1418020	20.0