LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061541.D
Acq On : 7 Jun 2024 20:20
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4C15

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: BG061541.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.069	8	14	39	rVB	1012216	1689377	100.00%	9.580%
2	3.733	122	127	137	rBV2	41617	70006	4.14%	0.397%
3	3.851	141	147	157	rVV2	10675	17886	1.06%	0.101%
4	4.979	333	339	346	rVB3	4041	7121	0.42%	0.040%
5	7.059	686	693	702	rVB	139840	240071	14.21%	1.361%
6	7.200	711	717	724	rVB	84074	134283	7.95%	0.761%
7	7.411	746	753	759	rBV	136009	223044	13.20%	1.265%
8	7.869	823	831	838	rVB	89763	142647	8.44%	0.809%
9	8.592	948	954	965	rBV	157439	271246	16.06%	1.538%
10	9.027	1022	1028	1037	rVB	136367	236284	13.99%	1.340%
11	9.750	1145	1151	1158	rBB	124765	215192	12.74%	1.220%
12	10.308	1238	1246	1255	rBV	175383	320139	18.95%	1.815%
13	10.666	1298	1307	1313	rBV	118181	206353	12.21%	1.170%
14	10.807	1324	1331	1344	rBV	78865	149494	8.85%	0.848%
15	12.188	1561	1566	1570	rBV2	5496	7859	0.47%	0.045%
16	13.404	1767	1773	1779	rBV2	6021	9065	0.54%	0.051%
17	13.915	1851	1860	1867	rBV	317335	455779	26.98%	2.585%
18	14.203	1902	1909	1918	rBV	338765	526262	31.15%	2.984%
19	14.509	1952	1961	1968	rBV	200903	304077	18.00%	1.724%
20	14.573	1968	1972	1978	rVV	24825	36017	2.13%	0.204%
21	14.632	1978	1982	1989	rVB2	5304	7769	0.46%	0.044%
22	14.761	1991	2004	2021	rBV	87703	178423	10.56%	1.012%
23	14.879	2021	2024	2026	rVV2	7053	8646	0.51%	0.049%
24	14.908	2026	2029	2038	rVB	15413	23818	1.41%	0.135%
25	15.508	2124	2131	2137	rVV	451916	659129	39.02%	3.738%
26	15.560	2137	2140	2146	rVB2	29178	41852	2.48%	0.237%
27	15.654	2149	2156	2165	rBV	134565	200446	11.87%	1.137%
28	15.766	2170	2175	2180	rVV	21304	30698	1.82%	0.174%
29	15.860	2186	2191	2196	rBV3	8157	11189	0.66%	0.063%
30	16.007	2209	2216	2223	rVB3	7998	16004	0.95%	0.091%
31	16.236	2254	2255	2261	rVB4	5982	7664	0.45%	0.043%
32	16.489	2294	2298	2303	rVV	18042	24722	1.46%	0.140%
33	16.536	2303	2306	2309	rVV4	4568	7070	0.42%	0.040%
34	16.571	2309	2312	2316	rVV4	6089	9634	0.57%	0.055%
35	16.794	2345	2350	2353	rVV3	9119	12834	0.76%	0.073%
36	16.924	2366	2372	2378	rVB2	13860	22401	1.33%	0.127%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061541.D
Acq On : 7 Jun 2024 20:20
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C15

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	17.018	2378	2388	2394	rBV7	12748	26622	1.58%	0.151%
38	17.082	2394	2399	2406	rVV	21403	32896	1.95%	0.187%
39	17.176	2411	2415	2420	rVB6	7406	9938	0.59%	0.056%
40	17.264	2424	2430	2433	rBV	262923	387734	22.95%	2.199%
41	17.305	2433	2437	2442	rVV	383448	575988	34.09%	3.266%
42	17.364	2442	2447	2451	rVV2	482172	739805	43.79%	4.195%
43	17.399	2451	2453	2458	rVV	69876	78630	4.65%	0.446%
44	17.452	2458	2462	2467	rVB6	11020	22801	1.35%	0.129%
45	17.670	2488	2499	2504	rBV2	33998	68080	4.03%	0.386%
46	17.711	2504	2506	2510	rVV5	6535	7480	0.44%	0.042%
47	17.781	2516	2518	2522	rVV2	8078	8104	0.48%	0.046%
48	17.852	2524	2530	2538	rVB7	17385	40548	2.40%	0.230%
49	17.981	2547	2552	2561	rVB5	9569	18428	1.09%	0.105%
50	18.063	2561	2566	2569	rBV4	4660	7524	0.45%	0.043%
51	18.140	2574	2579	2581	rBV	45317	61914	3.66%	0.351%
52	18.193	2585	2588	2592	rVV	67524	95438	5.65%	0.541%
53	18.275	2597	2602	2606	rBV2	18851	28319	1.68%	0.161%
54	18.340	2607	2613	2617	rBV2	81698	145623	8.62%	0.826%
55	18.375	2617	2619	2626	rVB3	34351	51429	3.04%	0.292%
56	18.439	2626	2630	2635	rVB6	19740	32025	1.90%	0.182%
57	18.498	2635	2640	2643	rBV6	8561	13422	0.79%	0.076%
58	18.539	2643	2647	2651	rBV6	7288	11241	0.67%	0.064%
59	18.639	2657	2664	2669	rBV	44897	69934	4.14%	0.397%
60	18.692	2669	2673	2677	rVB	50625	72422	4.29%	0.411%
61	18.886	2699	2706	2711	rBV6	15441	29981	1.77%	0.170%
62	18.939	2712	2715	2718	rVB	8754	10169	0.60%	0.058%
63	18.980	2718	2722	2725	rVB3	12436	16289	0.96%	0.092%
64	19.062	2730	2736	2738	rBV2	26109	42257	2.50%	0.240%
65	19.150	2749	2751	2754	rBV4	11726	11858	0.70%	0.067%
66	19.203	2754	2760	2768	rVB3	30853	81692	4.84%	0.463%
67	19.327	2774	2781	2787	rVB	731968	986508	58.39%	5.594%
68	19.385	2788	2791	2794	rBV4	16070	18086	1.07%	0.103%
69	19.421	2794	2797	2801	rBV5	16716	19339	1.14%	0.110%
70	19.462	2801	2804	2809	rVB5	20170	28992	1.72%	0.164%
71	19.526	2811	2815	2818	rBV4	19539	26629	1.58%	0.151%
72	19.662	2832	2838	2841	rBV2	694587	1082695	64.09%	6.140%
73	19.691	2841	2843	2851	rVV	515742	599663	35.50%	3.401%
74	19.756	2851	2854	2859	rVB3	28320	41449	2.45%	0.235%
75	19.867	2869	2873	2876	rBV	30766	37664	2.23%	0.214%
76	19.914	2878	2881	2888	rVB4	24639	50541	2.99%	0.287%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061541.D
Acq On : 7 Jun 2024 20:20
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C15

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	20.008	2892	2897	2899	rBV	40189	65035	3.85%	0.369%
78	20.184	2916	2927	2931	rBV	94500	221559	13.11%	1.256%
79	20.220	2931	2933	2938	rVB6	15534	17403	1.03%	0.099%
80	20.284	2939	2944	2947	rBV	64335	91645	5.42%	0.520%
81	20.343	2948	2954	2957	rBV2	50520	82530	4.89%	0.468%
82	20.425	2964	2968	2970	rBV5	14754	22706	1.34%	0.129%
83	20.484	2974	2978	2981	rBV	30730	44461	2.63%	0.252%
84	20.525	2982	2985	2989	rVB3	37945	53827	3.19%	0.305%
85	20.942	3052	3056	3063	rVB	56952	80453	4.76%	0.456%
86	21.113	3081	3085	3089	rBV3	53663	79822	4.72%	0.453%
87	21.154	3089	3092	3094	rBV	39979	48655	2.88%	0.276%
88	21.271	3108	3112	3117	rVB	53040	81531	4.83%	0.462%
89	21.518	3147	3154	3159	rBV4	407584	1007013	59.61%	5.711%
90	21.571	3159	3163	3176	rVB	306449	522627	30.94%	2.964%
91	21.718	3184	3188	3195	rVB2	46526	77869	4.61%	0.442%
92	22.294	3282	3286	3291	rBV2	52871	98872	5.85%	0.561%
93	23.298	3453	3457	3470	rVB6	32914	77667	4.60%	0.440%
94	23.651	3509	3517	3524	rBV	210901	672047	39.78%	3.811%
95	23.716	3524	3528	3536	rVB2	163739	373937	22.13%	2.121%
96	24.344	3630	3635	3639	rBV2	35656	76881	4.55%	0.436%
97	24.415	3640	3647	3654	rVV2	240459	643160	38.07%	3.647%
98	24.485	3655	3659	3667	rVB	106317	248867	14.73%	1.411%
99	24.626	3675	3683	3693	rBV	193153	526605	31.17%	2.986%
100	28.157	4274	4284	4297	rBV3	47219	204490	12.10%	1.160%

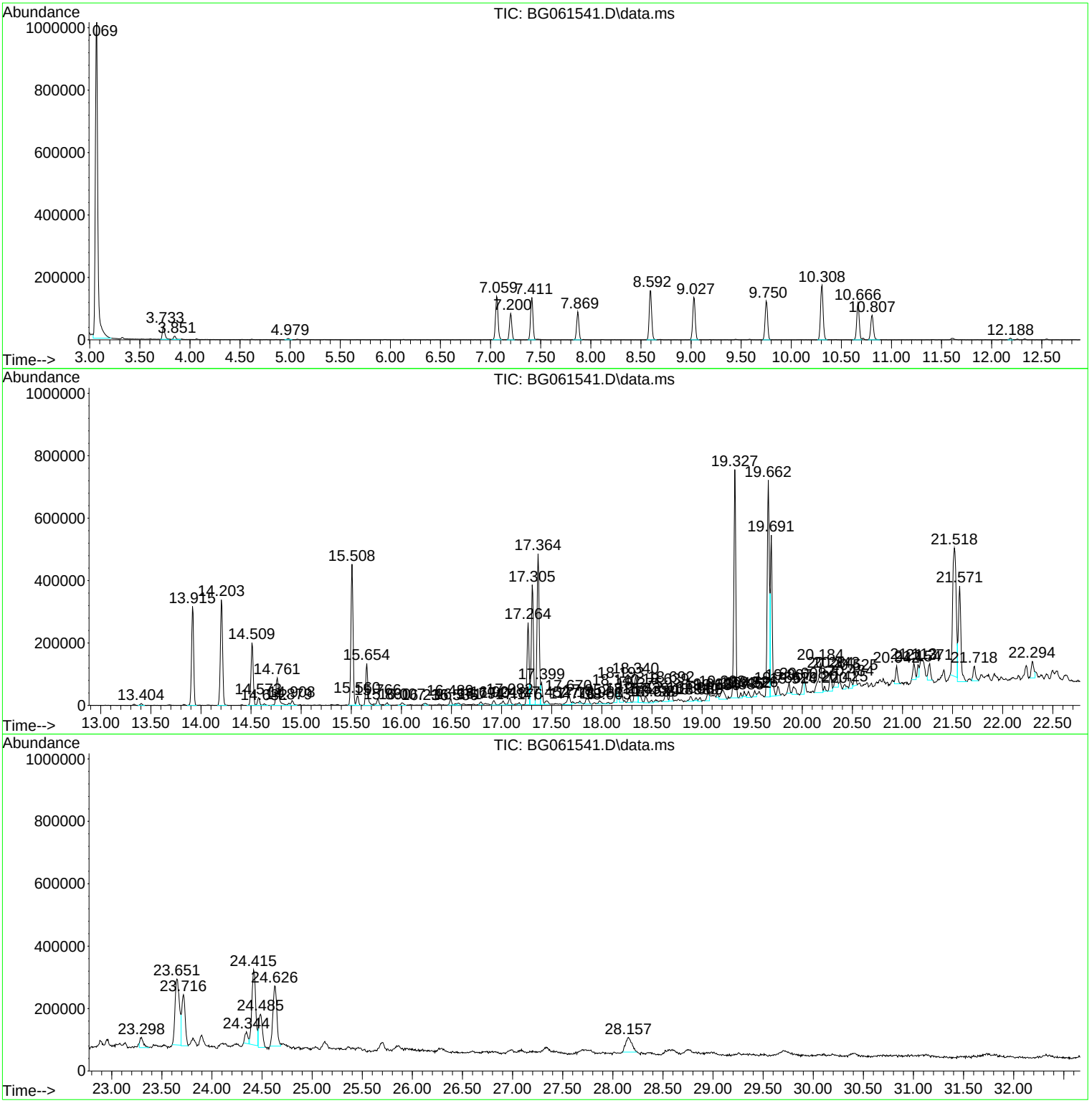
Sum of corrected areas: 17634320

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061541.D
Acq On : 7 Jun 2024 20:20
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C15

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 : BG061541.D
Acq On : 7 Jun 2024 20:20
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C15

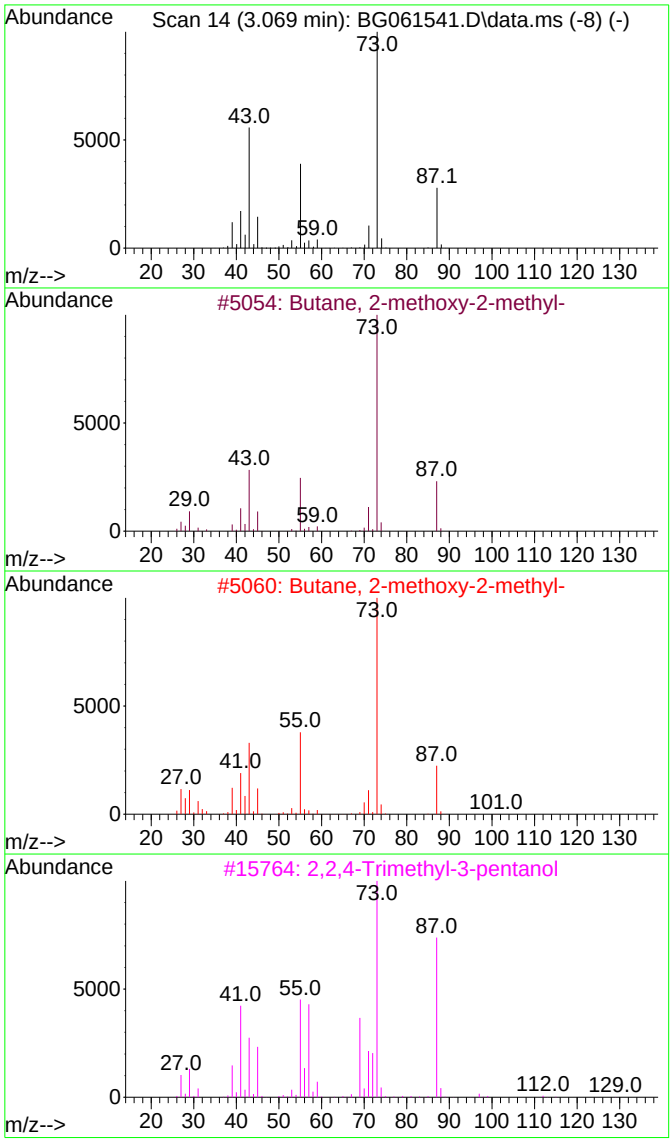
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

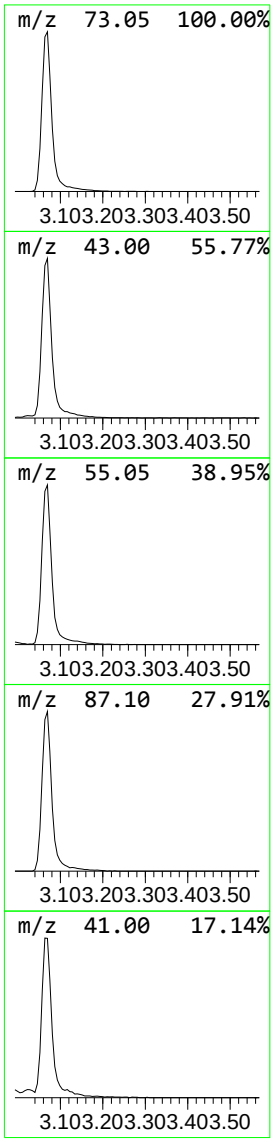
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.069	236.86 ng/ul	1689380	1,4-Dichlorobenzene-d4	7.869

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	59
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061541.D
Acq On : 7 Jun 2024 20:20
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C15

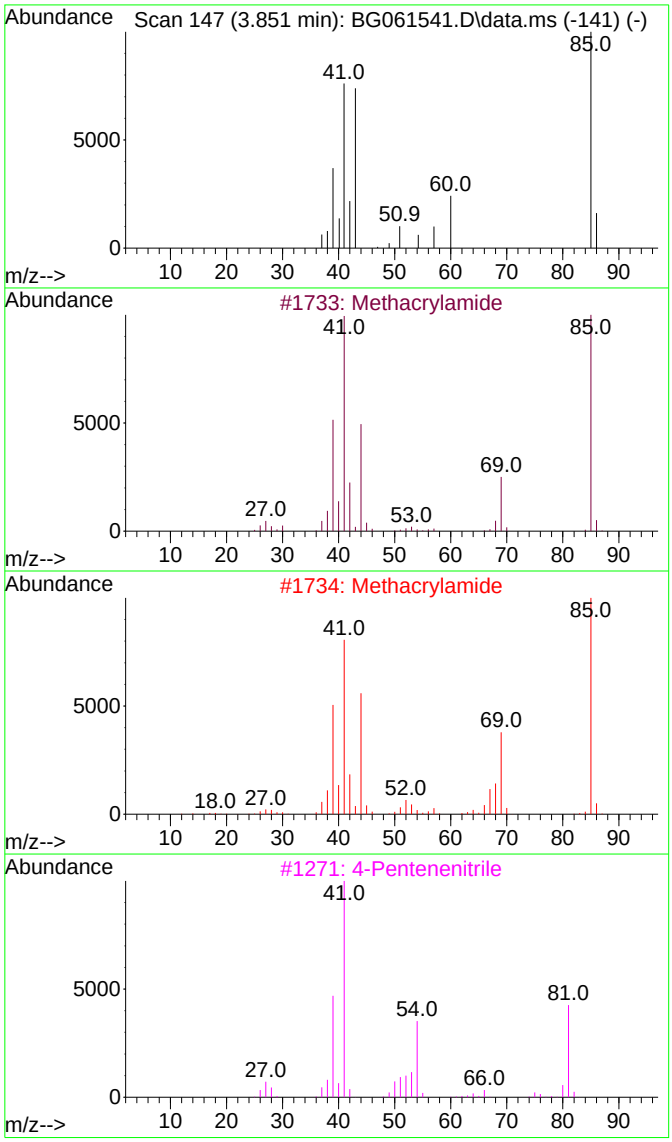
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

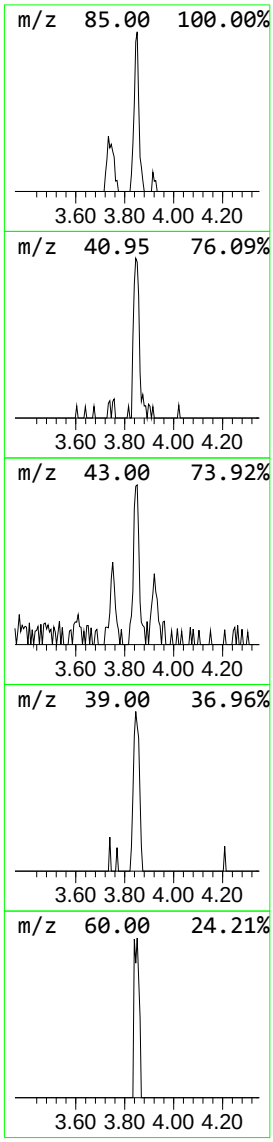
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Methacrylamide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.851	2.51 ng/ul	17886	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	52
2	Methacrylamide	85	C4H7NO	000079-39-0	47
3	4-Pentenenitrile	81	C5H7N	000592-51-8	9
4	3-Buten-2-ol, 3-methyl-	86	C5H10O	010473-14-0	7
5	Methacrylamide	85	C4H7NO	000079-39-0	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061541.D
Acq On : 7 Jun 2024 20:20
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C15

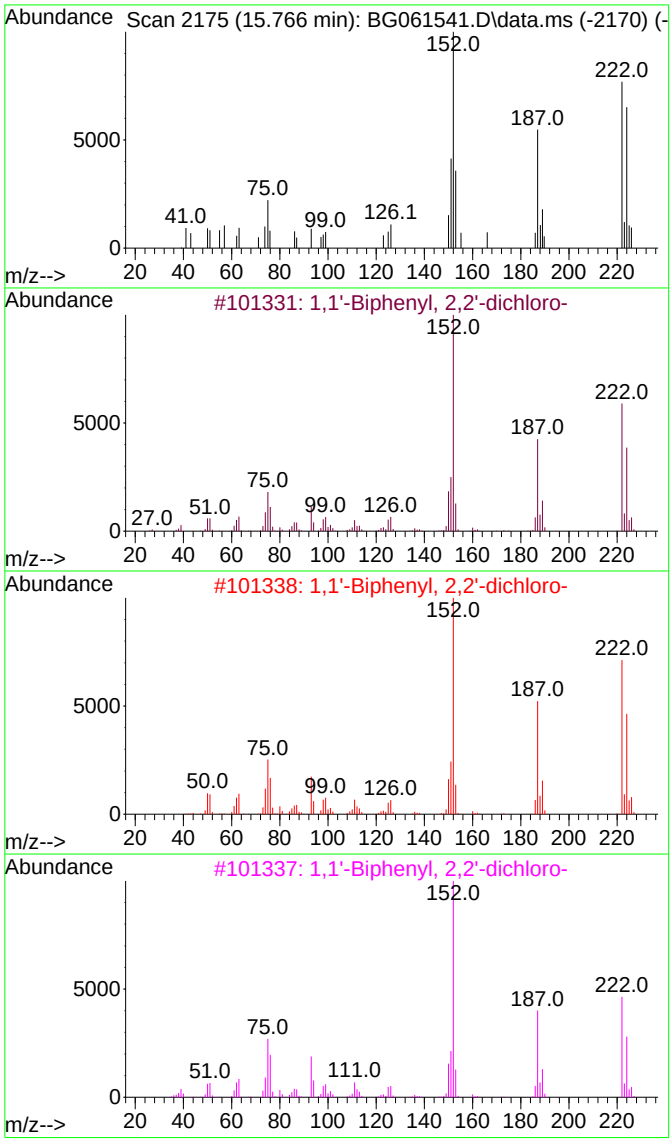
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

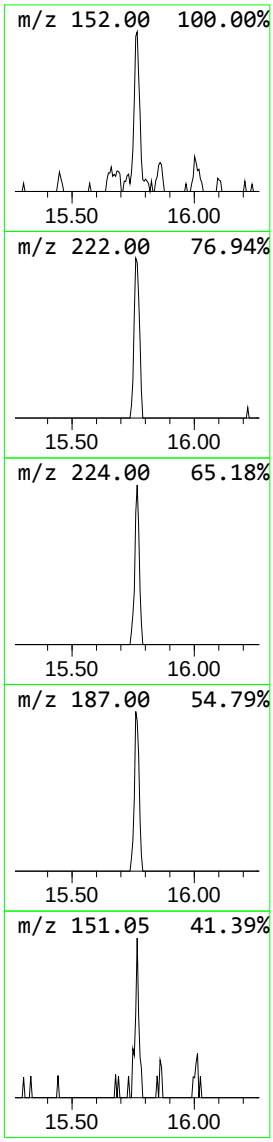
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.766	2.02 ng/ul	30698	Acenaphthene-d10	14.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	93
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	93
4	2,7-Dichloro-3-quinolinecarbonit...	222	C10H4Cl2N2	158583-91-6	92
5	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061541.D
Acq On : 7 Jun 2024 20:20
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C15

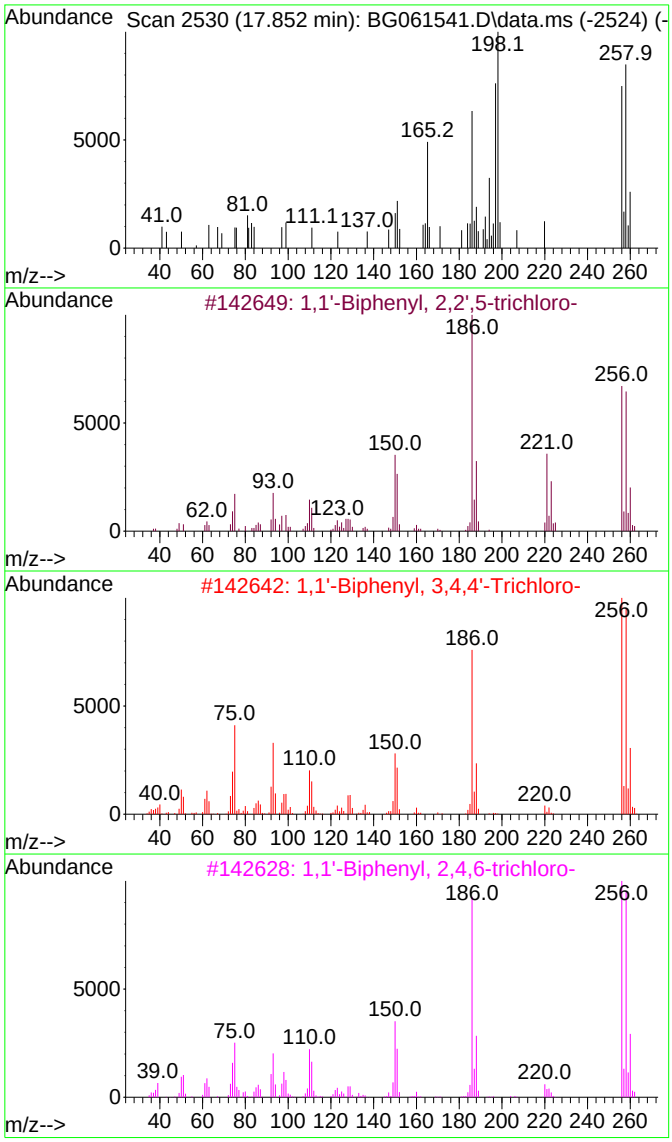
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

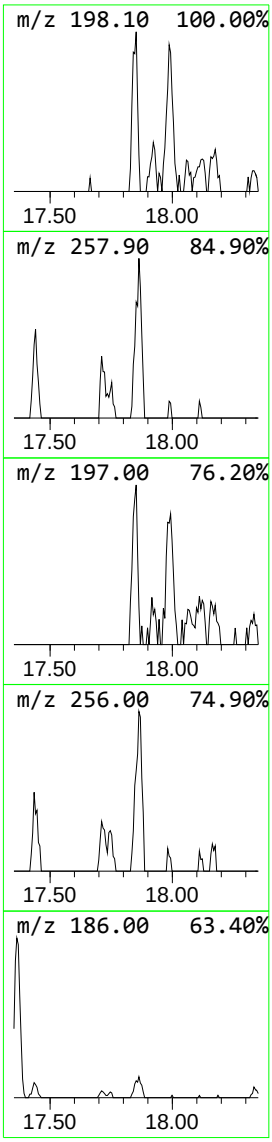
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.852	2.09 ng/ul	40548	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	50
2	1,1'-Biphenyl, 3,4,4'-Trichloro-	256	C12H7Cl3	038444-90-5	50
3	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	50
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	50
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061541.D
Acq On : 7 Jun 2024 20:20
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C15

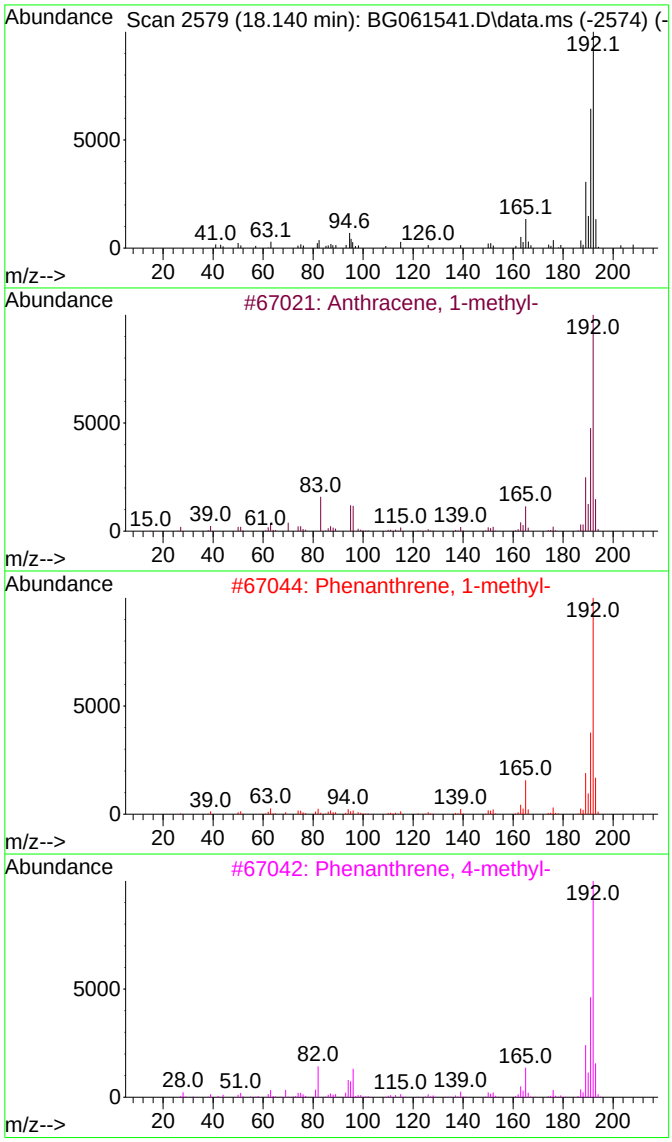
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

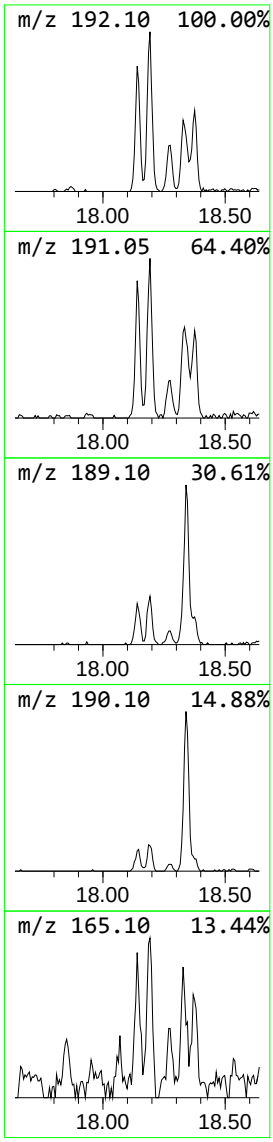
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	3.19 ng/ul	61914	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	89
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





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Acq On : 7 Jun 2024 20:20
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C15

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

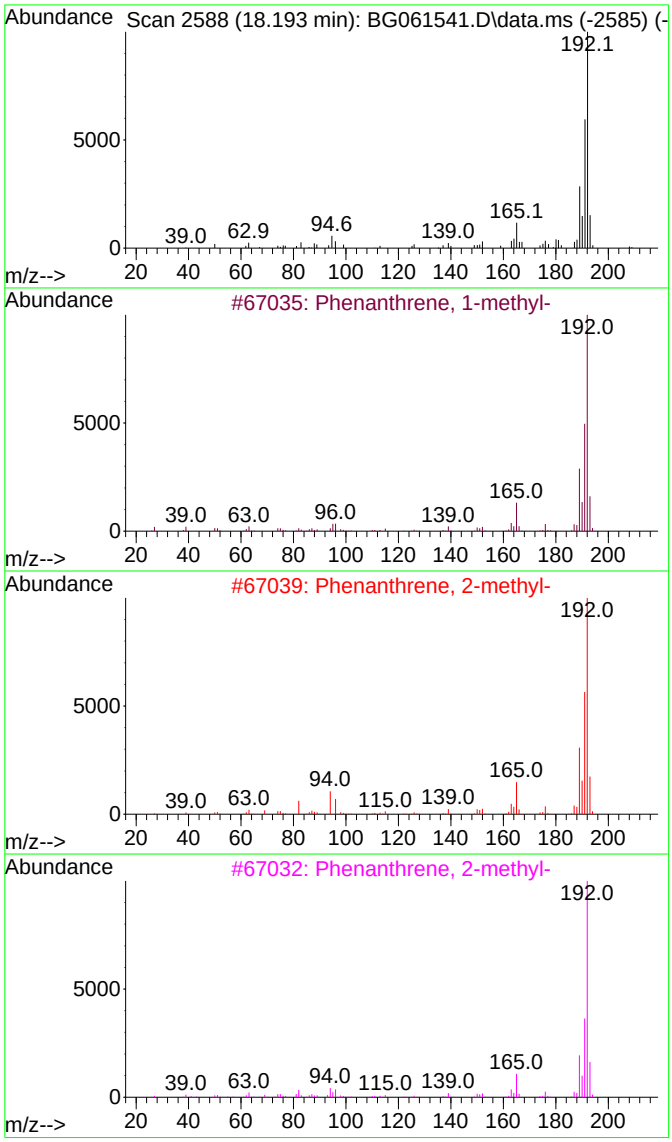
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

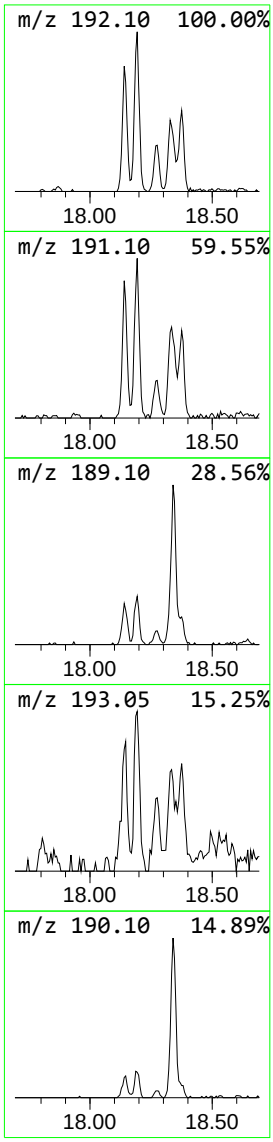
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.193	4.92 ng/ul	95438	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





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Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C15

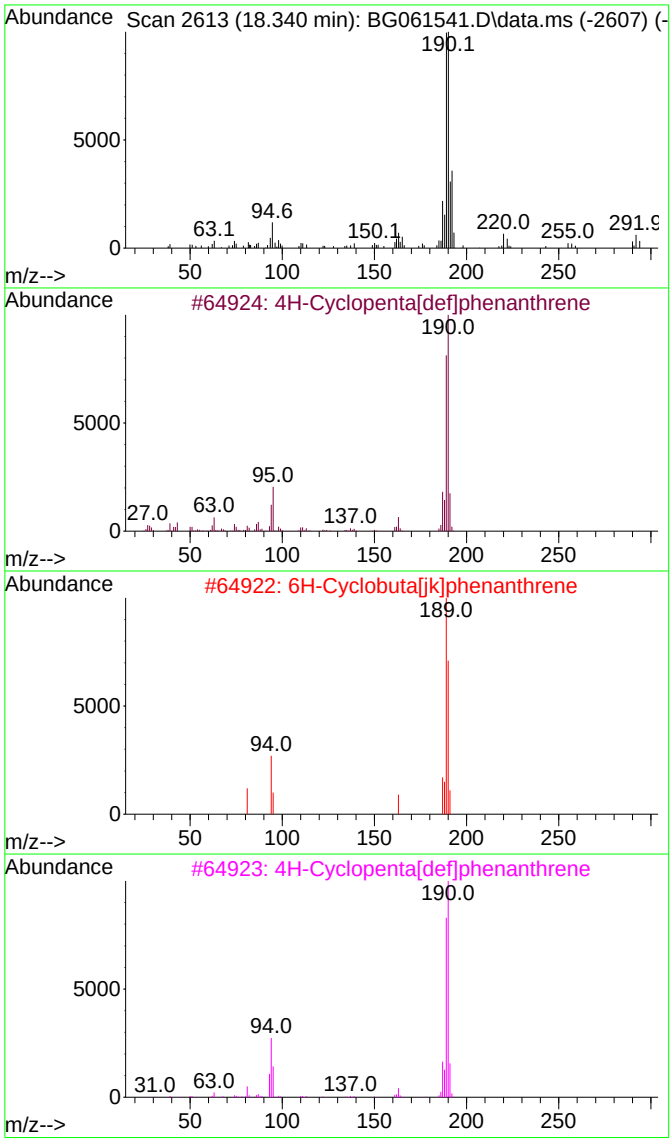
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

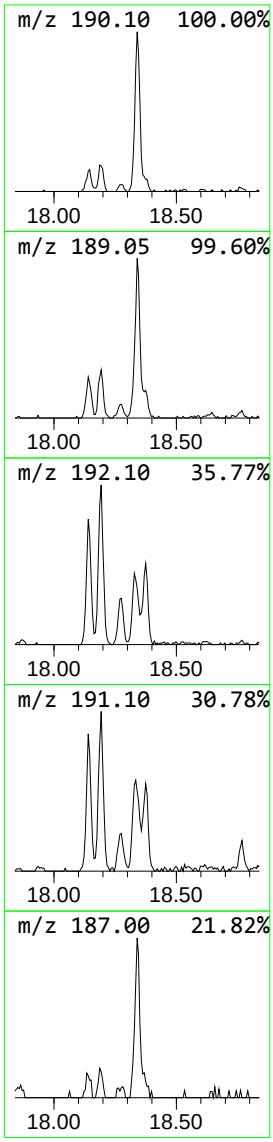
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.340	7.51 ng/ul	145623	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C15

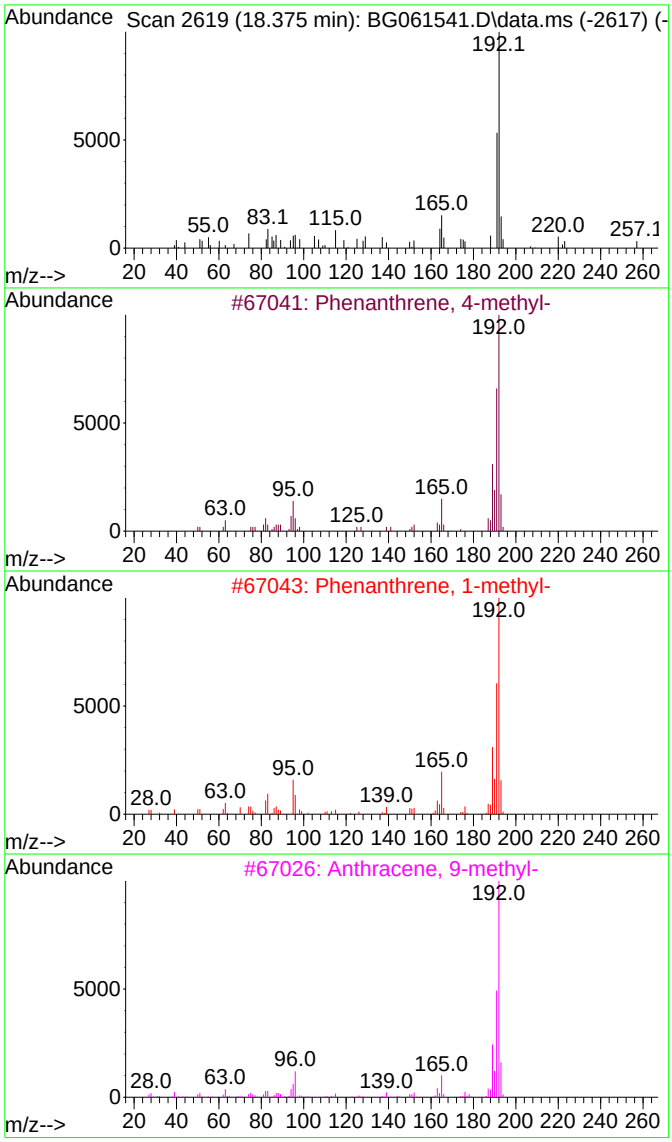
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

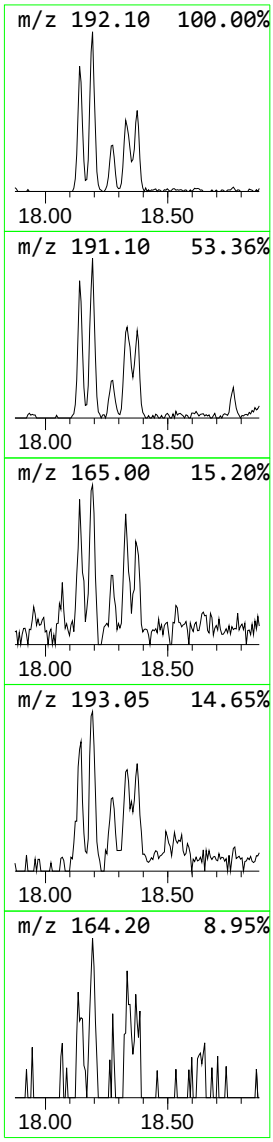
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	2.65 ng/ul	51429	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





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Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C15

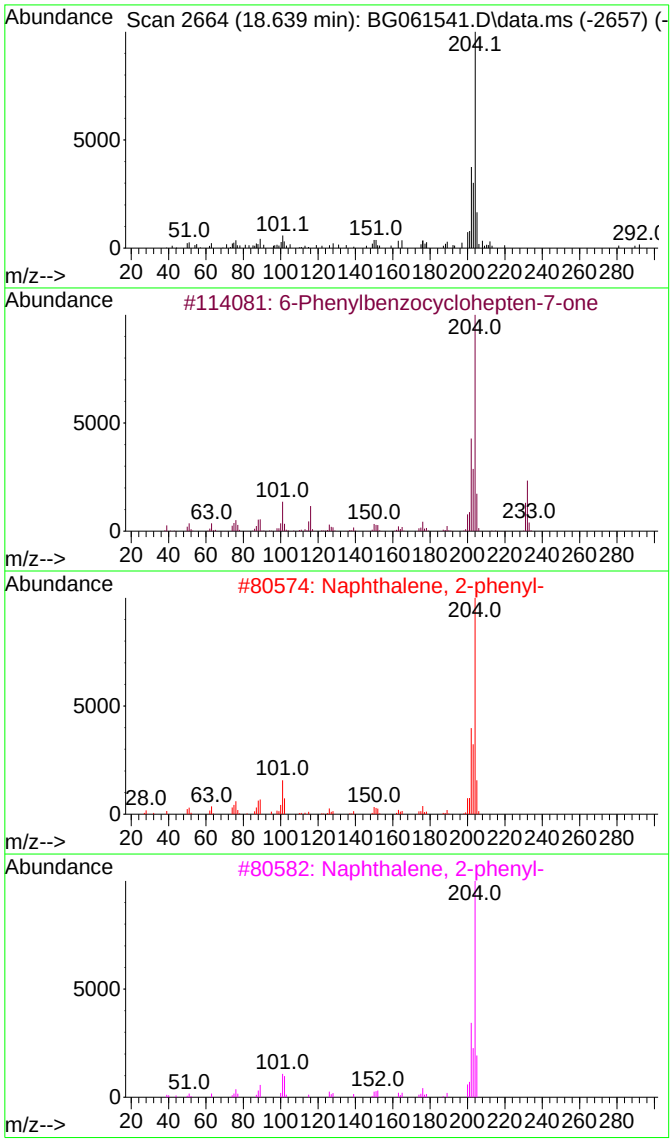
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

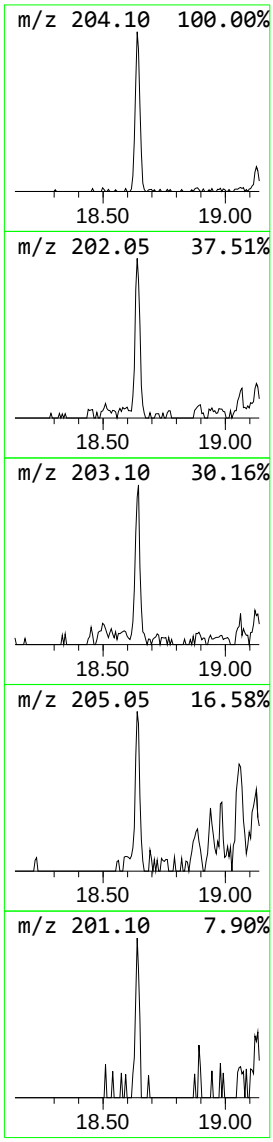
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 6-Phenylbenzocyclohepten-7-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	3.61 ng/ul	69934	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	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	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68





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Sample : P2640-04
Misc :
ALS Vial : 11 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

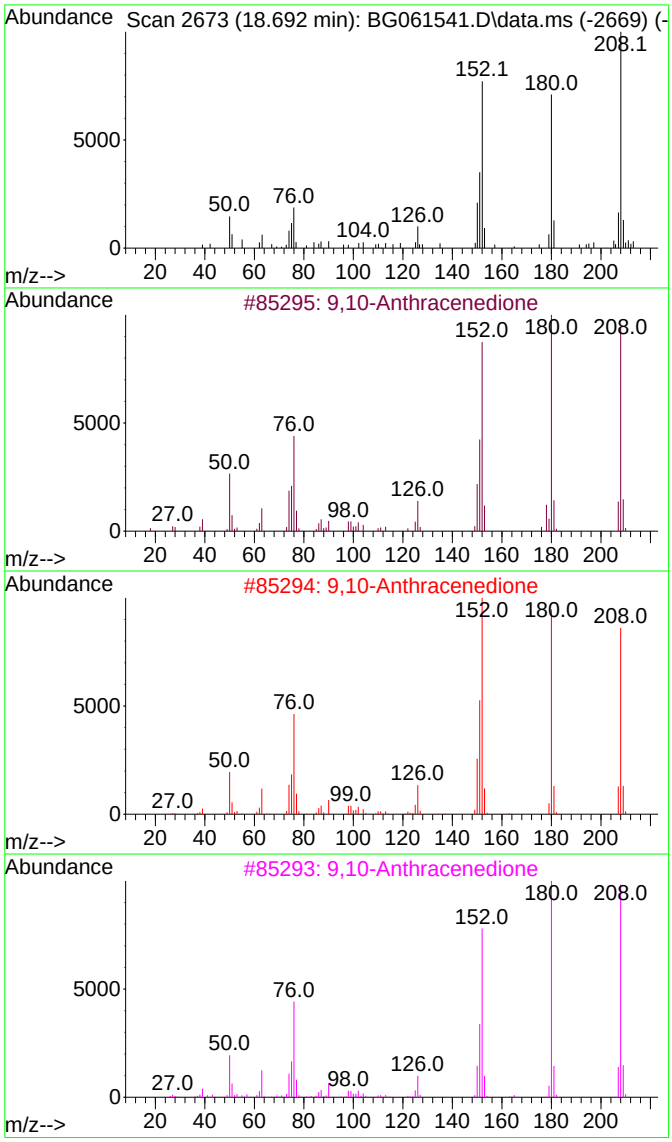
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

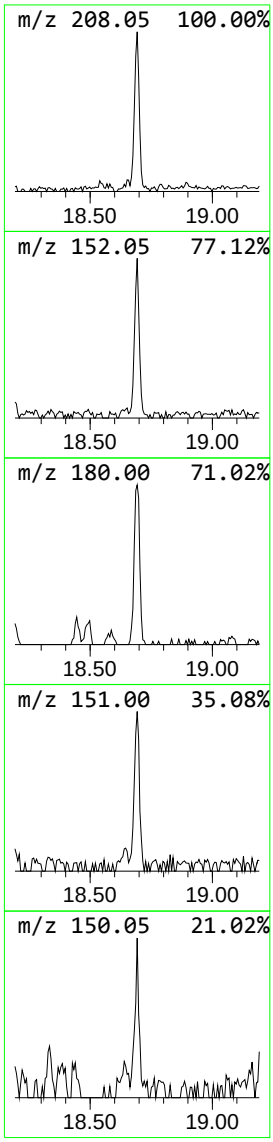
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	3.74 ng/ul	72422	Phenanthrene-d10	17.264

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	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90





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Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

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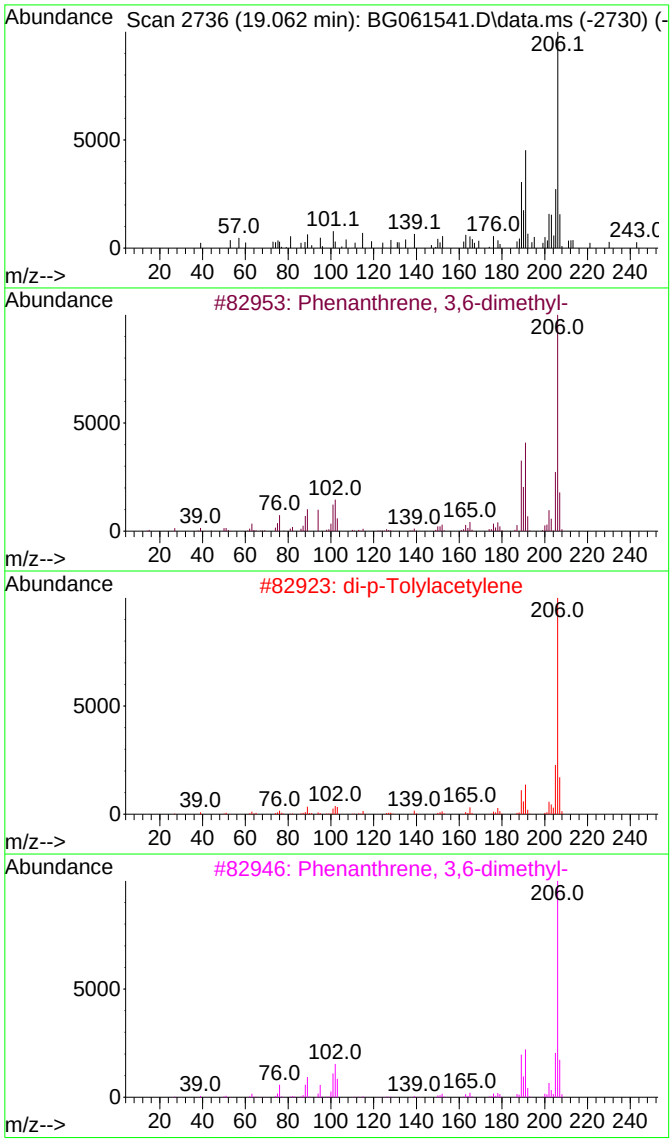
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

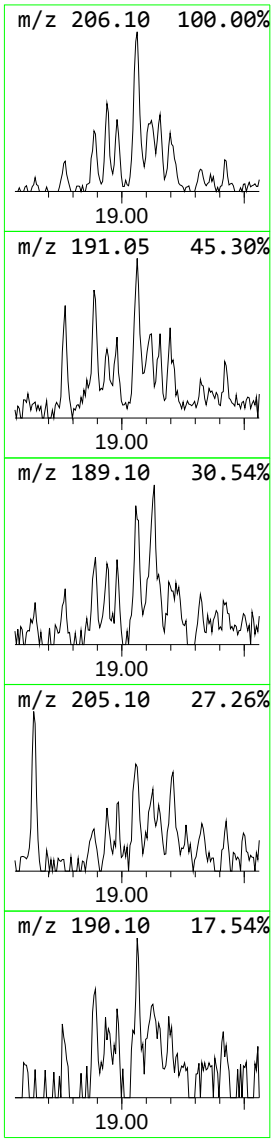
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.062	2.18 ng/ul	42257	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	81





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Acq On : 7 Jun 2024 20:20
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C15

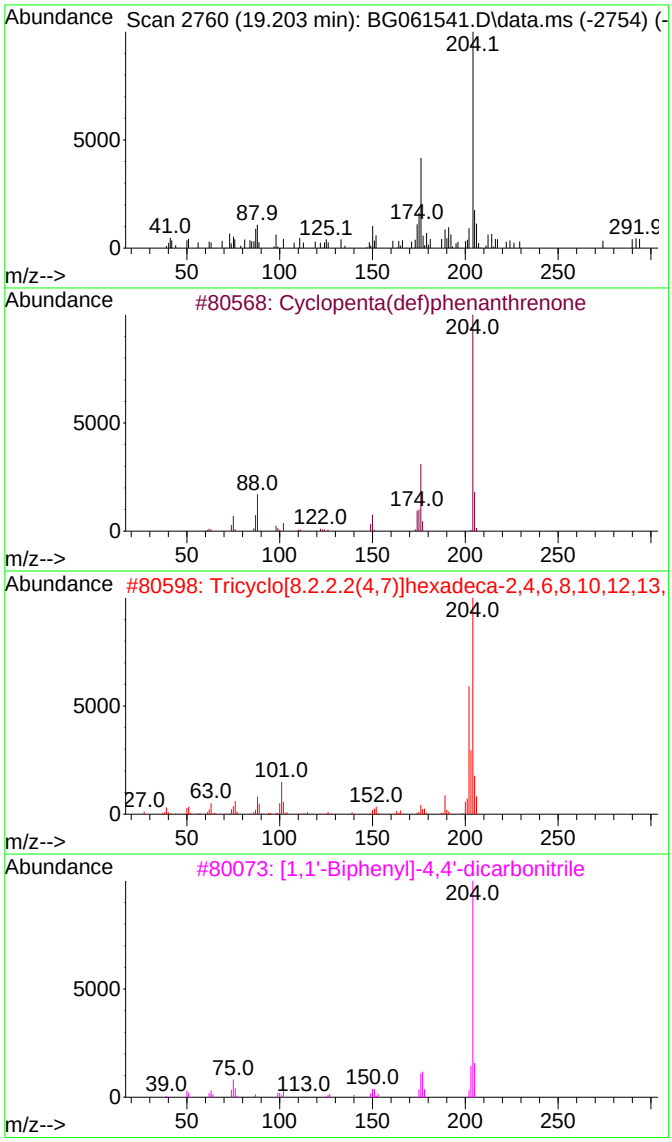
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

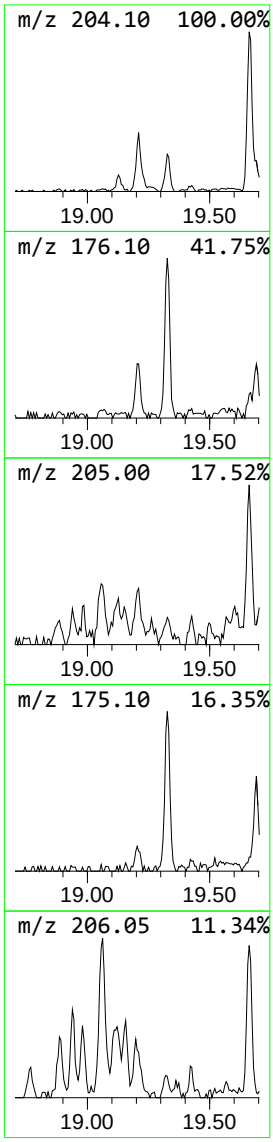
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.203	4.21 ng/ul	81692	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	68
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
4	Hydantoin, 5-benzylidene-2-thio-	204	C10H8N2OS	000583-46-0	43
5	1,1,2-Tri(methylthio)pent-1-en-3...	204	C8H12S3	1000250-48-0	43





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Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

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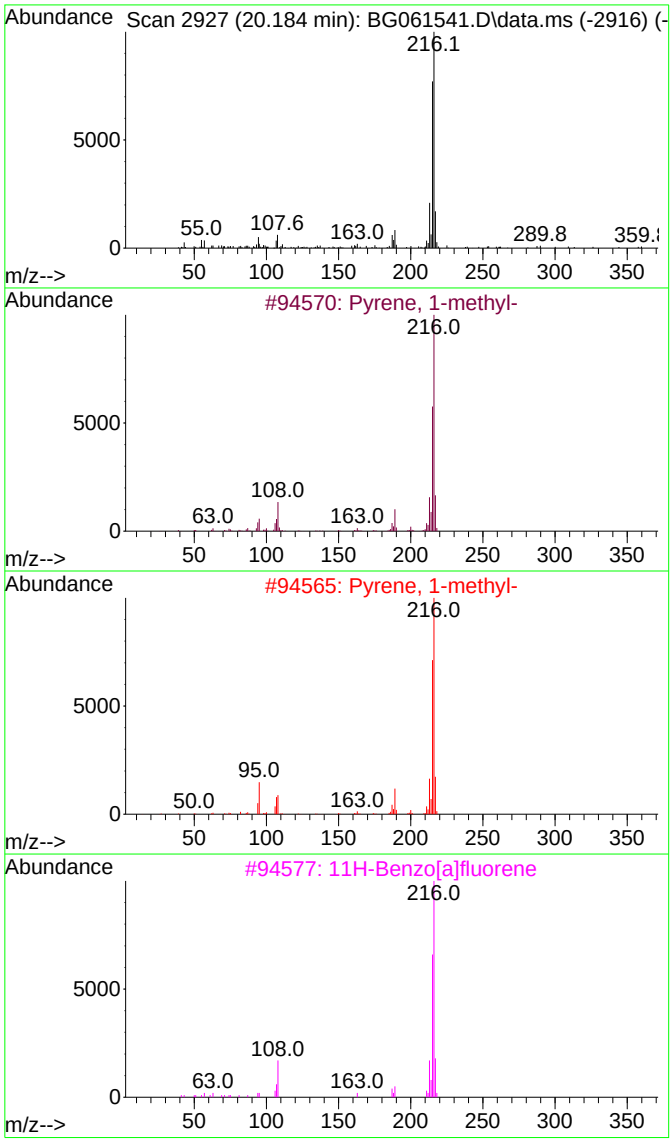
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

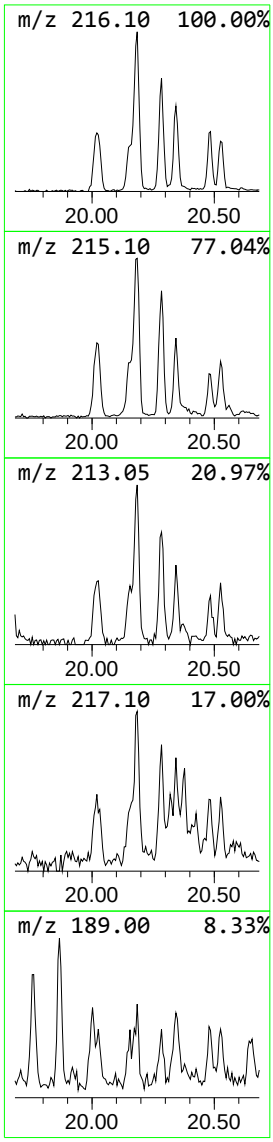
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.184	4.40 ng/ul	221559	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, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





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Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C15

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

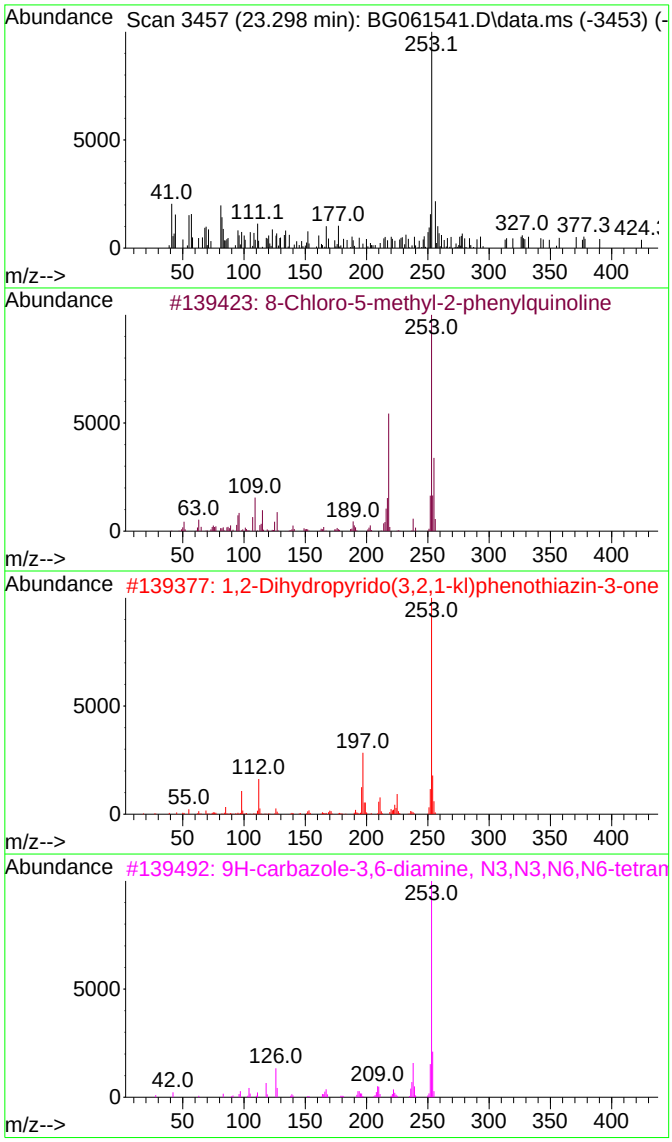
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

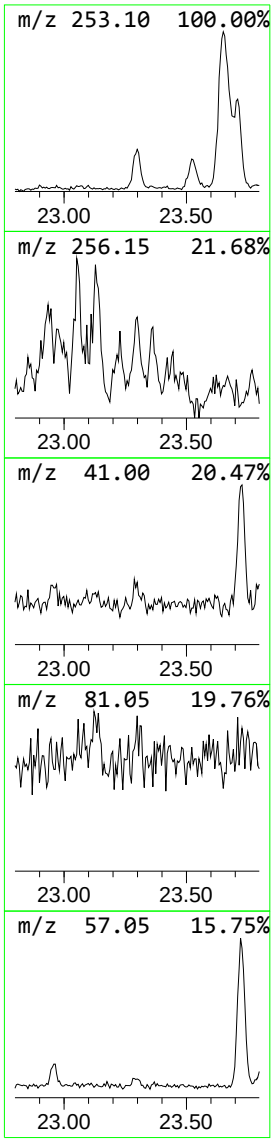
****

Peak Number 14 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.298	2.95 ng/ul	77667	Perylene-d12	24.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Chloro-5-methyl-2-phenylquinoline	253	C16H12ClN	025413-16-5	49
2	1,2-Dihydropyrido(3,2,1-kl)pheno...	253	C15H11NOS	069513-42-4	47
3	9H-carbazole-3,6-diamine, N3,N3,...	253	C16H19N3	1010396-68-8	47
4	1'-Acetylferrocenecarbonitrile	253	C13H11FeNO	012276-85-6	43
5	Fluoren-9-ol, 3,6-dimethoxy-9-(2...	344	C23H20O3	1000217-30-7	38





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Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

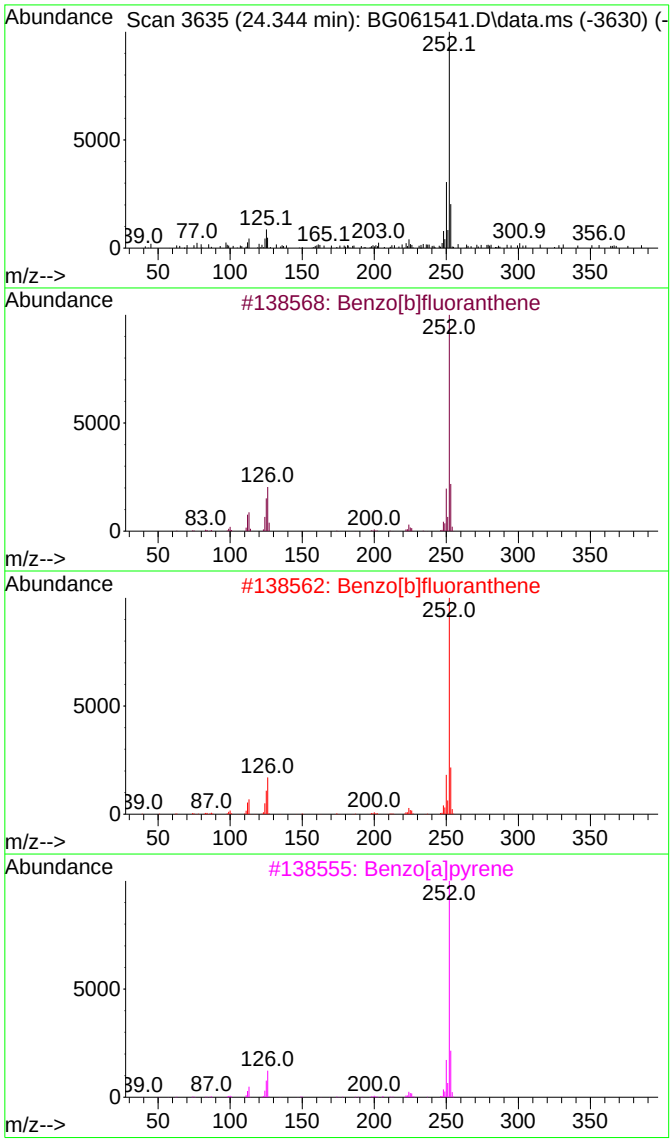
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

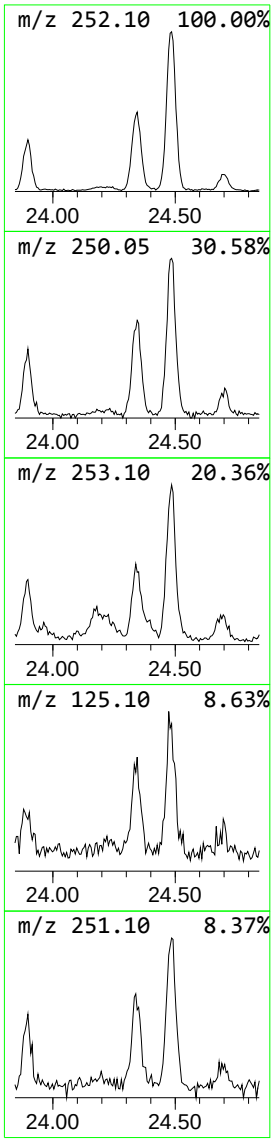
****

Peak Number 15 Perylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.344	2.92 ng/ul	76881	Perylene-d12	24.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
5	Perylene	252	C20H12	000198-55-0	76





Tentatively Identified Compound (LSC) summary

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Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C15

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...	3.069	236.9	ng/ul	1689380	1	7.869	142647	20.0
Methacrylamide	3.851	2.5	ng/ul	17886	1	7.869	142647	20.0
1,1'-Biphenyl, ...	15.766	2.0	ng/ul	30698	3	14.509	304077	20.0
1,1'-Biphenyl, ...	17.852	2.1	ng/ul	40548	4	17.264	387734	20.0
Anthracene, 1-m...	18.140	3.2	ng/ul	61914	4	17.264	387734	20.0
Phenanthrene, 1...	18.193	4.9	ng/ul	95438	4	17.264	387734	20.0
4H-Cyclopenta[d...	18.340	7.5	ng/ul	145623	4	17.264	387734	20.0
Phenanthrene, 4...	18.375	2.6	ng/ul	51429	4	17.264	387734	20.0
6-Phenylbenzocy...	18.639	3.6	ng/ul	69934	4	17.264	387734	20.0
9,10-Anthracene...	18.692	3.7	ng/ul	72422	4	17.264	387734	20.0
Phenanthrene, 3...	19.062	2.2	ng/ul	42257	4	17.264	387734	20.0
Cyclopenta(def)...	19.203	4.2	ng/ul	81692	4	17.264	387734	20.0
Pyrene, 1-methyl-	20.184	4.4	ng/ul	221559	5	21.524	1007010	20.0
unknown-01	23.298	3.0	ng/ul	77667	6	24.626	526605	20.0
Perylene	24.344	2.9	ng/ul	76881	6	24.626	526605	20.0