LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061379.D
Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH6B4

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: BG061379.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.081	10	16	32	rVB	191109	367818	30.31%	1.878%
2	3.610	101	106	114	rVB	12078	20620	1.70%	0.105%
3	3.745	123	129	141	rBV	79289	146424	12.06%	0.747%
4	7.059	685	693	704	rVB	130831	221821	18.28%	1.132%
5	7.206	711	718	726	rVB	79562	131102	10.80%	0.669%
6	7.411	747	753	760	rVB	124879	204540	16.85%	1.044%
7	7.876	823	832	838	rBV	142273	235972	19.44%	1.205%
8	8.592	946	954	965	rBV2	137452	232389	19.15%	1.186%
9	9.027	1019	1028	1036	rBV	128210	222031	18.29%	1.133%
10	9.585	1117	1123	1129	rVB2	16402	23564	1.94%	0.120%
11	9.750	1144	1151	1158	rBV	116246	199342	16.43%	1.018%
12	10.302	1238	1245	1259	rVB	171434	304893	25.12%	1.556%
13	10.437	1262	1268	1278	rVV	43158	73834	6.08%	0.377%
14	10.666	1299	1307	1313	rBV	187448	324434	26.73%	1.656%
15	10.713	1313	1315	1321	rVB3	11724	15180	1.25%	0.077%
16	10.802	1323	1330	1338	rBV	116630	211228	17.40%	1.078%
17	11.407	1428	1433	1441	rVB3	12240	21481	1.77%	0.110%
18	12.329	1584	1590	1597	rBV2	9043	13778	1.14%	0.070%
19	13.916	1851	1860	1866	rVV	309641	444531	36.63%	2.269%
20	14.203	1902	1909	1920	rVB	325920	520574	42.89%	2.657%
21	14.509	1950	1961	1967	rBV	299542	454767	37.47%	2.321%
22	14.574	1967	1972	1978	rVB2	22841	36858	3.04%	0.188%
23	14.744	1990	2001	2008	rBV2	92716	195823	16.14%	1.000%
24	14.909	2024	2029	2035	rVV2	19854	30992	2.55%	0.158%
25	15.502	2123	2130	2136	rBV	442467	651731	53.70%	3.327%
26	15.555	2136	2139	2147	rVV2	20559	29723	2.45%	0.152%
27	15.637	2147	2153	2160	rVV	135420	198491	16.36%	1.013%
28	15.854	2185	2190	2195	rVB2	10057	15313	1.26%	0.078%
29	16.001	2210	2215	2223	rVV3	9791	20502	1.69%	0.105%
30	16.230	2245	2254	2260	rBV8	11931	28538	2.35%	0.146%
31	16.800	2340	2351	2354	rBV5	7148	16503	1.36%	0.084%
32	16.912	2364	2370	2376	rVB	34216	52055	4.29%	0.266%
33	17.012	2379	2387	2391	rBV6	13158	27831	2.29%	0.142%
34	17.077	2393	2398	2407	rVB	17549	30280	2.49%	0.155%
35	17.259	2419	2429	2432	rBV	375821	550142	45.33%	2.808%
36	17.300	2432	2436	2441	rVB	366090	500829	41.27%	2.557%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061379.D
Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

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	17.359	2441	2446	2451	rBV	456924	692976	57.10%	3.537%
38	17.447	2456	2461	2467	rBV4	12865	22883	1.89%	0.117%
39	17.658	2487	2497	2502	rBV2	37795	73724	6.07%	0.376%
40	17.770	2510	2516	2524	rVB7	9963	20300	1.67%	0.104%
41	17.840	2524	2528	2534	rBV5	14070	22376	1.84%	0.114%
42	17.946	2539	2546	2548	rBV7	6922	13318	1.10%	0.068%
43	18.134	2571	2578	2580	rBV	54813	84454	6.96%	0.431%
44	18.181	2580	2586	2591	rVV2	91503	204124	16.82%	1.042%
45	18.222	2591	2593	2597	rVB	17254	14772	1.22%	0.075%
46	18.258	2597	2599	2605	rVB3	12687	17115	1.41%	0.087%
47	18.328	2605	2611	2615	rBV2	67709	128700	10.60%	0.657%
48	18.363	2615	2617	2623	rVB	42036	53813	4.43%	0.275%
49	18.446	2627	2631	2634	rBV5	10790	17021	1.40%	0.087%
50	18.634	2658	2663	2666	rBV	47137	60614	4.99%	0.309%
51	18.681	2666	2671	2677	rVB	85838	125602	10.35%	0.641%
52	18.880	2702	2705	2710	rBV4	16758	19599	1.61%	0.100%
53	18.927	2710	2713	2717	rBV2	15843	19418	1.60%	0.099%
54	18.968	2717	2720	2723	rVB3	15772	18348	1.51%	0.094%
55	19.057	2729	2735	2741	rBV2	43469	95813	7.89%	0.489%
56	19.145	2748	2750	2754	rVB	14793	14571	1.20%	0.074%
57	19.198	2754	2759	2766	rBV2	46778	81630	6.73%	0.417%
58	19.315	2771	2779	2785	rBV	665055	939646	77.42%	4.797%
59	19.380	2786	2790	2792	rBV3	16878	21503	1.77%	0.110%
60	19.409	2792	2795	2796	rBV2	17602	15945	1.31%	0.081%
61	19.515	2809	2813	2817	rBV2	22217	33942	2.80%	0.173%
62	19.562	2818	2821	2824	rVB3	17975	18543	1.53%	0.095%
63	19.650	2830	2836	2839	rBV2	697697	1087025	89.57%	5.549%
64	19.679	2839	2841	2849	rVB	571070	697351	57.46%	3.560%
65	19.750	2849	2853	2858	rBV3	42030	54528	4.49%	0.278%
66	19.856	2868	2871	2877	rVB	33302	45792	3.77%	0.234%
67	19.920	2878	2882	2887	rVB	36870	59271	4.88%	0.303%
68	20.003	2891	2896	2903	rBV3	48141	123779	10.20%	0.632%
69	20.132	2913	2918	2921	rVV5	36136	71147	5.86%	0.363%
70	20.173	2921	2925	2930	rVB	87301	136210	11.22%	0.695%
71	20.273	2938	2942	2945	rBV	46782	63950	5.27%	0.326%
72	20.332	2947	2952	2955	rVV2	66694	105300	8.68%	0.538%
73	20.367	2955	2958	2962	rVB	30868	38760	3.19%	0.198%
74	20.414	2962	2966	2971	rBV5	16842	32923	2.71%	0.168%
75	20.473	2972	2976	2979	rBV	36533	53127	4.38%	0.271%
76	20.520	2979	2984	2988	rVB2	49621	68462	5.64%	0.349%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061379.D
Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

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	20.684	3009	3012	3015	rVB5	19004	23540	1.94%	0.120%
78	20.731	3016	3020	3022	rBV5	21583	29986	2.47%	0.153%
79	20.925	3049	3053	3060	rVB	84956	129531	10.67%	0.661%
80	21.101	3078	3083	3087	rBV2	58316	109164	8.99%	0.557%
81	21.142	3087	3090	3093	rVV	57558	85378	7.03%	0.436%
82	21.189	3093	3098	3104	rVV4	99576	280009	23.07%	1.429%
83	21.254	3105	3109	3115	rVB	85302	151527	12.49%	0.773%
84	21.407	3131	3135	3139	rVB	72529	94032	7.75%	0.480%
85	21.507	3145	3152	3157	rBV4	507213	1213638	100.00%	6.195%
86	21.554	3157	3160	3171	rVB	331217	537537	44.29%	2.744%
87	21.701	3181	3185	3191	rBV	53710	87236	7.19%	0.445%
88	21.906	3215	3220	3226	rBV3	48300	94666	7.80%	0.483%
89	22.212	3269	3272	3277	rVB	60139	102056	8.41%	0.521%
90	22.282	3281	3284	3292	rVB5	55425	103458	8.52%	0.528%
91	22.476	3314	3317	3321	rBV4	26829	37281	3.07%	0.190%
92	22.923	3388	3393	3404	rVB3	99167	214922	17.71%	1.097%
93	23.622	3504	3512	3520	rBV	260295	841819	69.36%	4.297%
94	23.863	3549	3553	3560	rVB2	41971	87683	7.22%	0.448%
95	24.315	3622	3630	3635	rBV	131245	352623	29.06%	1.800%
96	24.386	3635	3642	3648	rVV2	319315	842530	69.42%	4.301%
97	24.450	3648	3653	3666	rVB	222090	574955	47.37%	2.935%
98	24.597	3669	3678	3685	rBV	253446	693904	57.18%	3.542%
99	28.081	4263	4271	4289	rVB4	89967	424362	34.97%	2.166%
100	29.174	4448	4457	4468	rBV3	57310	233956	19.28%	1.194%

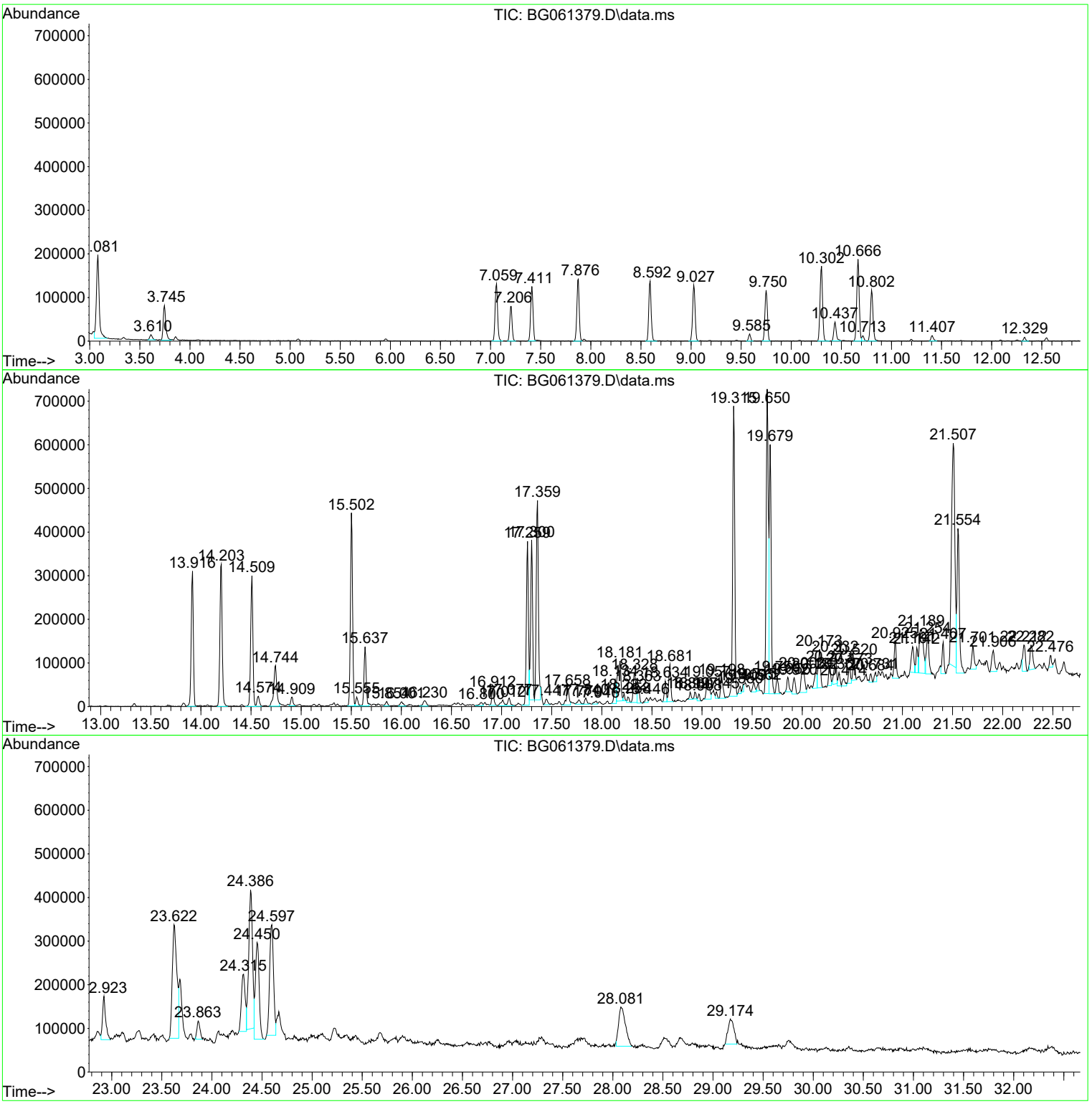
Sum of corrected areas: 19590102

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061379.D
Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

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\BG053024\
Data File : BG061379.D
Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

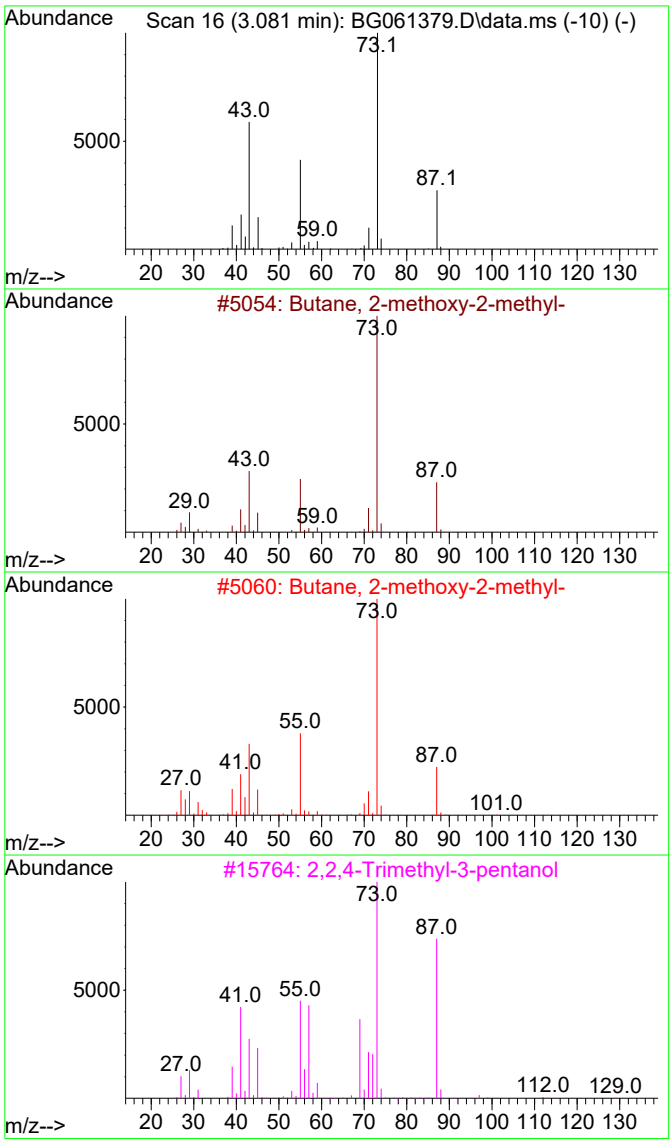
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

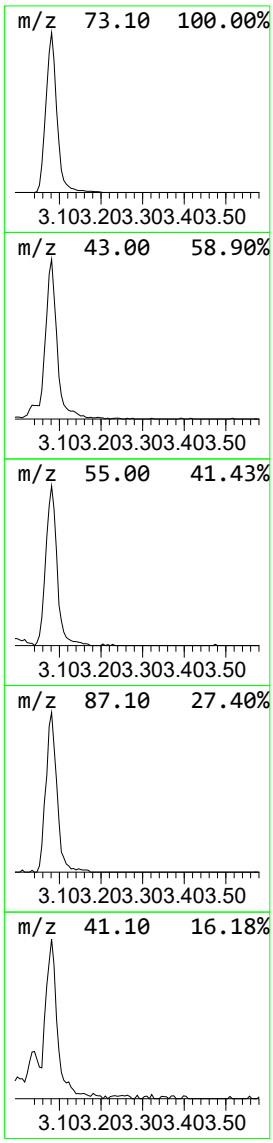
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.081	31.17 ng/ul	367818	1,4-Dichlorobenzene-d4	7.876

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	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061379.D
Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

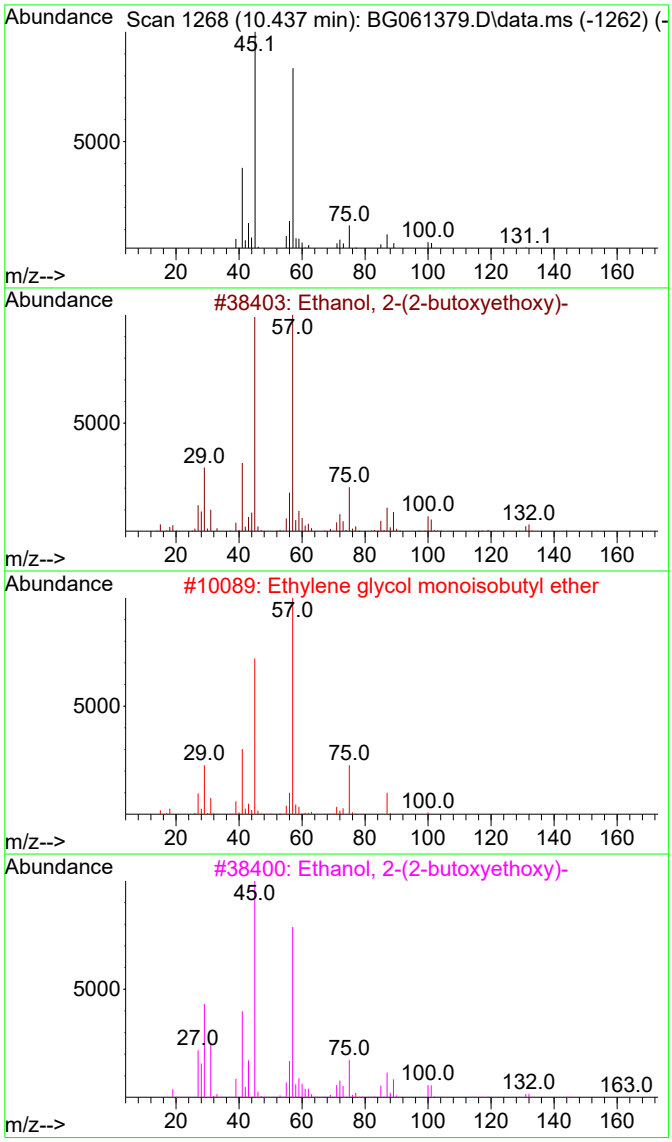
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

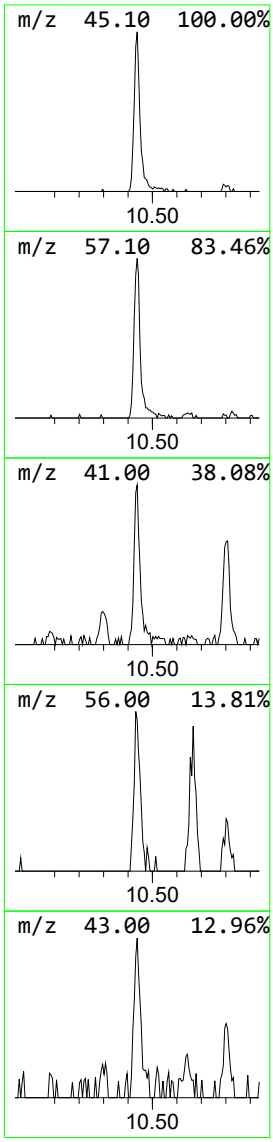
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.437	4.55 ng/ul	73834	Naphthalene-d8	10.666

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	56
4	Methoxyacetic acid, heptyl ester	188	C10H20O3	168920-36-3	53
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061379.D
Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

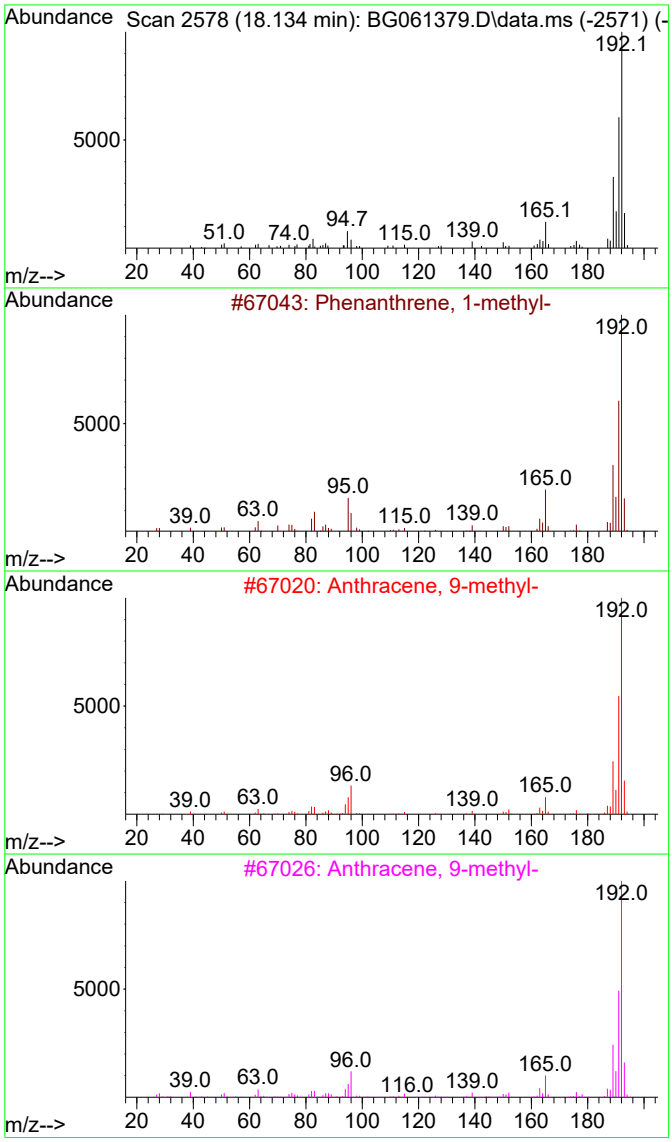
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

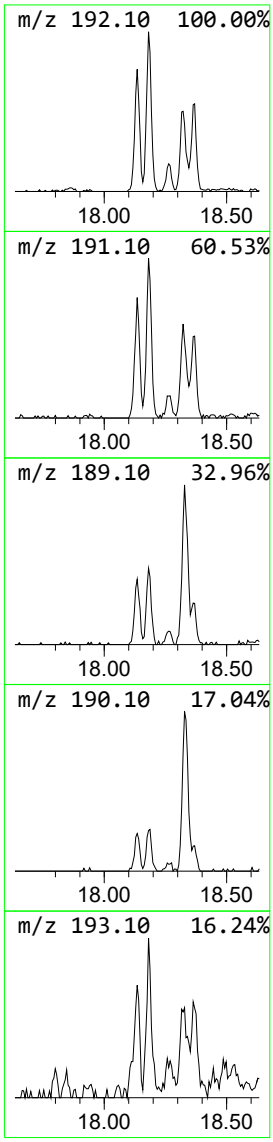
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	3.07 ng/ul	84454	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061379.D
Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

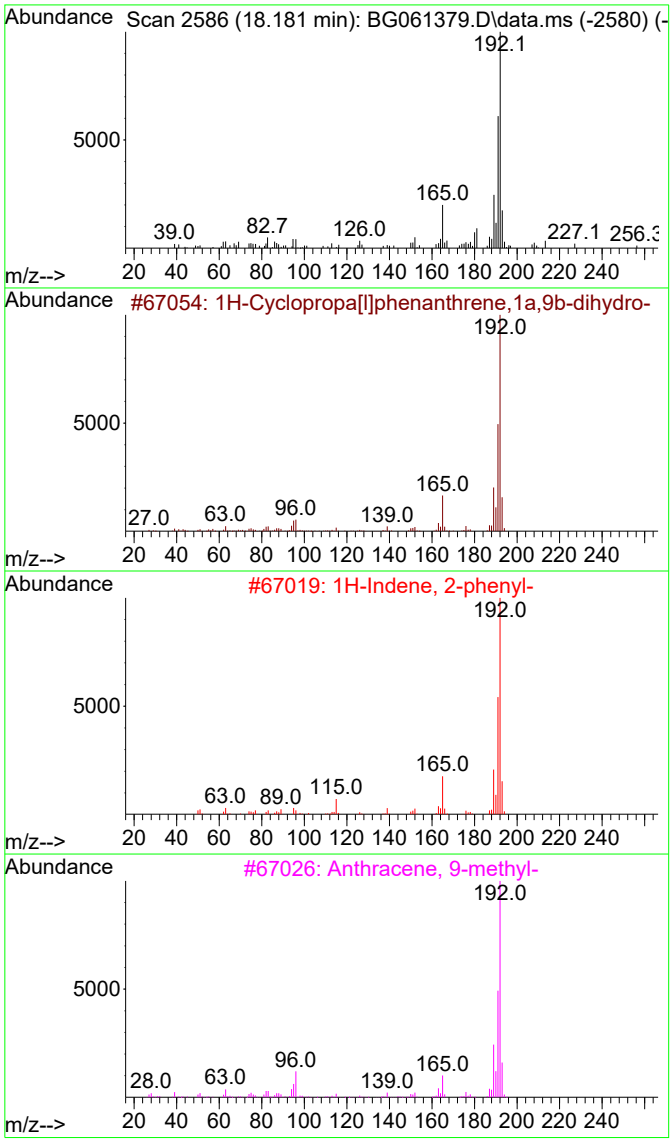
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

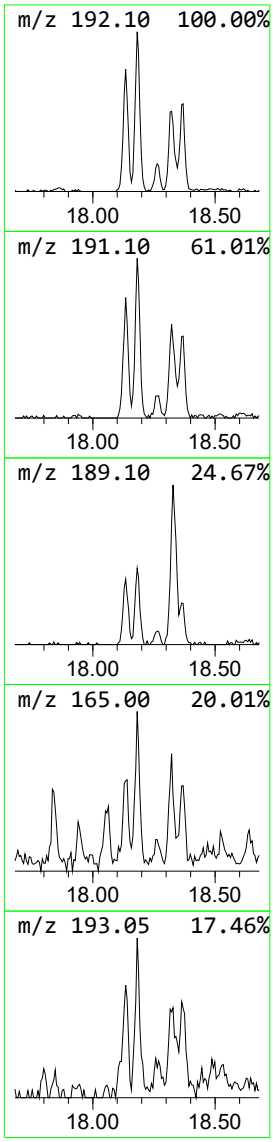
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.181	7.42 ng/ul	204124	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061379.D
Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

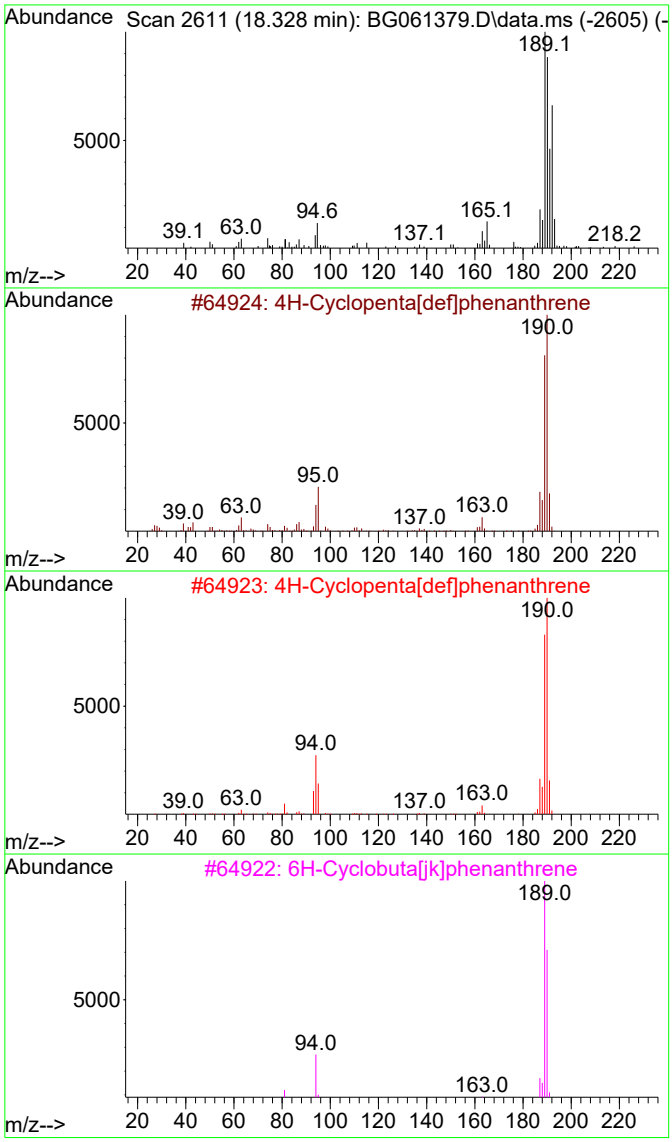
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

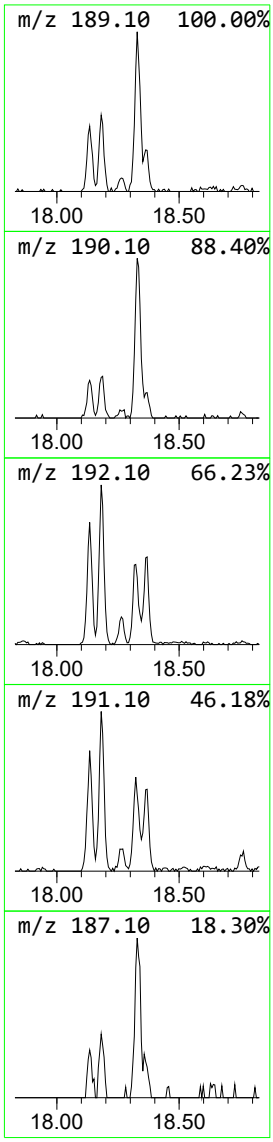
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	4.68 ng/ul	128700	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5	Methyl diselenide	190	C2H6Se2	007101-31-7	38





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Data File : BG061379.D
Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

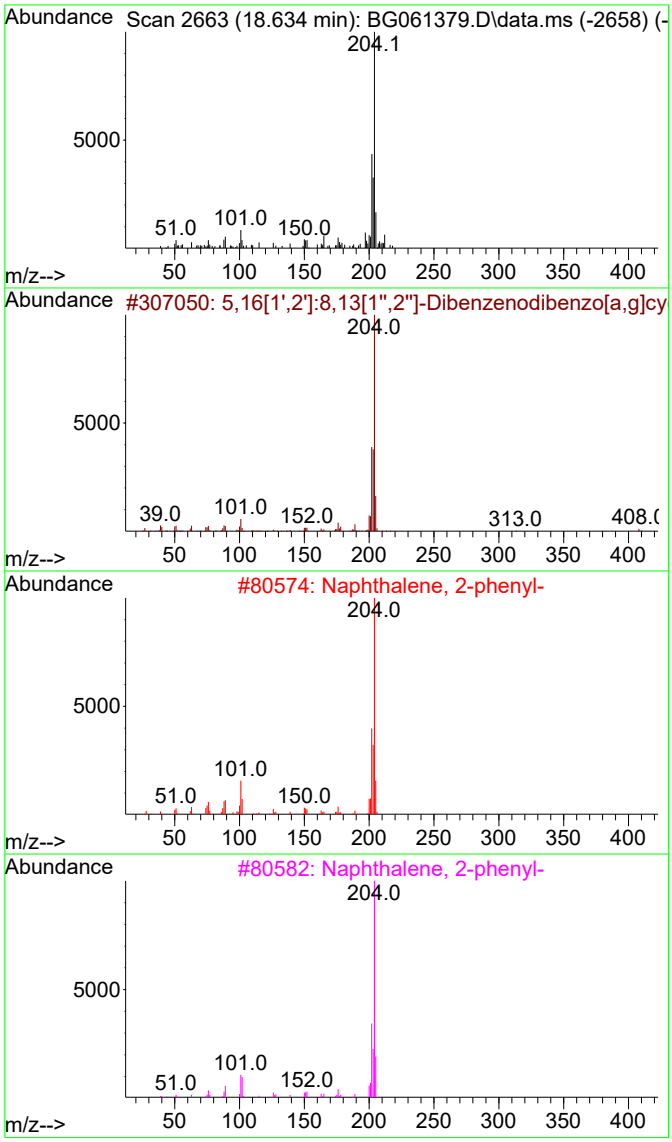
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

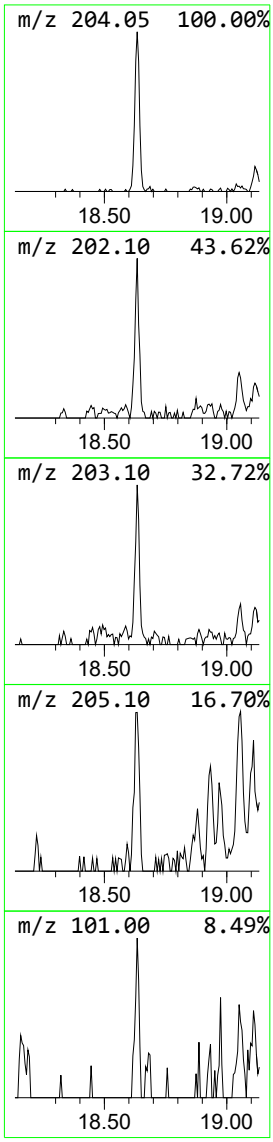
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.634	2.20 ng/ul	60614	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53





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Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

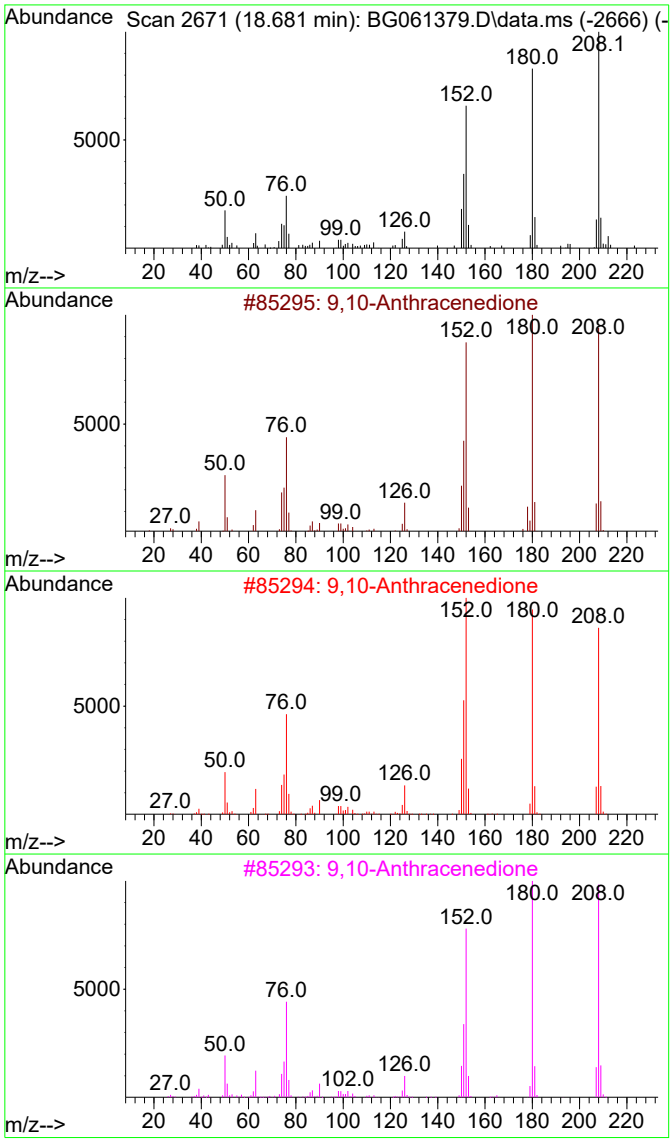
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

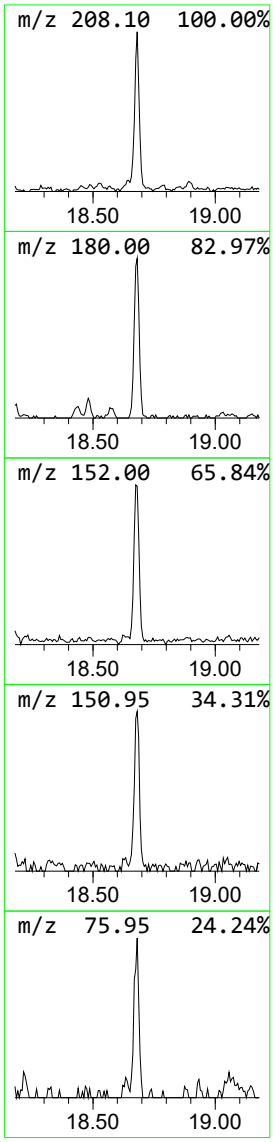
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	4.57 ng/ul	125602	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60





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Acq On : 31 May 2024 4:47
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Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

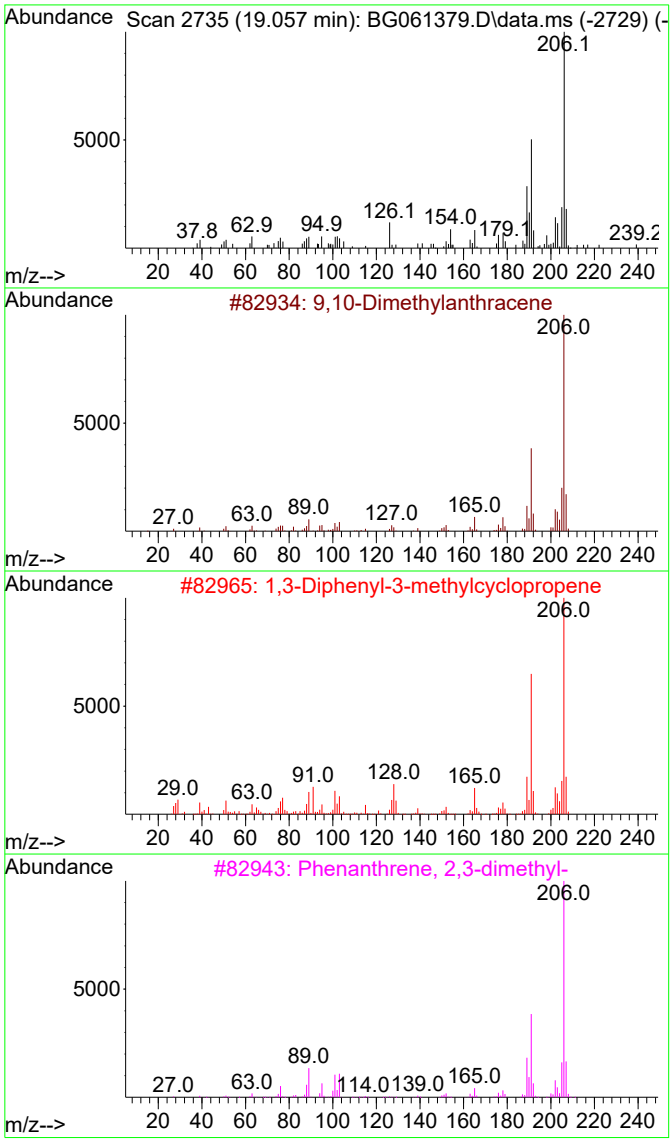
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

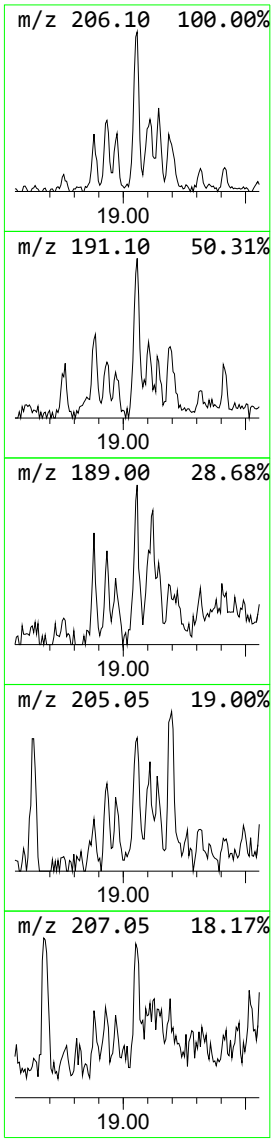
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	3.48 ng/ul	95813	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





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Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

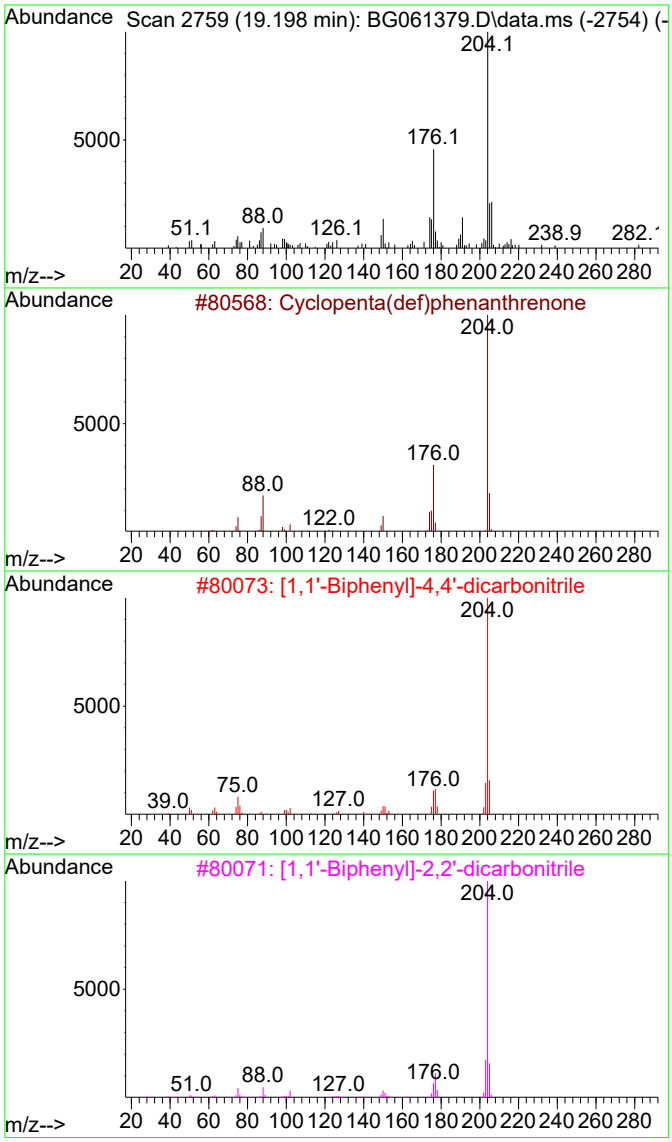
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

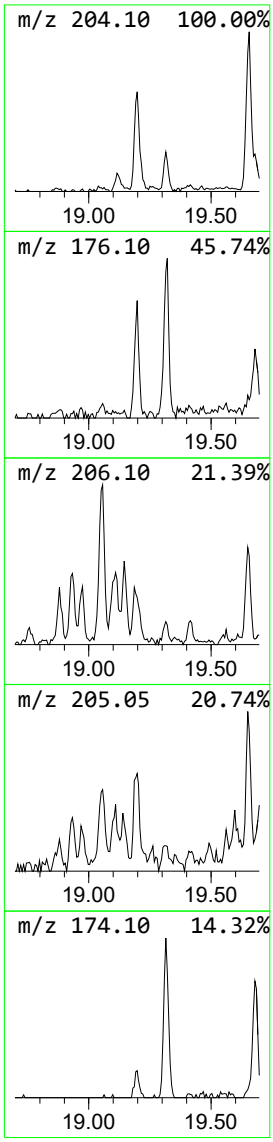
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	2.97 ng/ul	81630	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





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Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

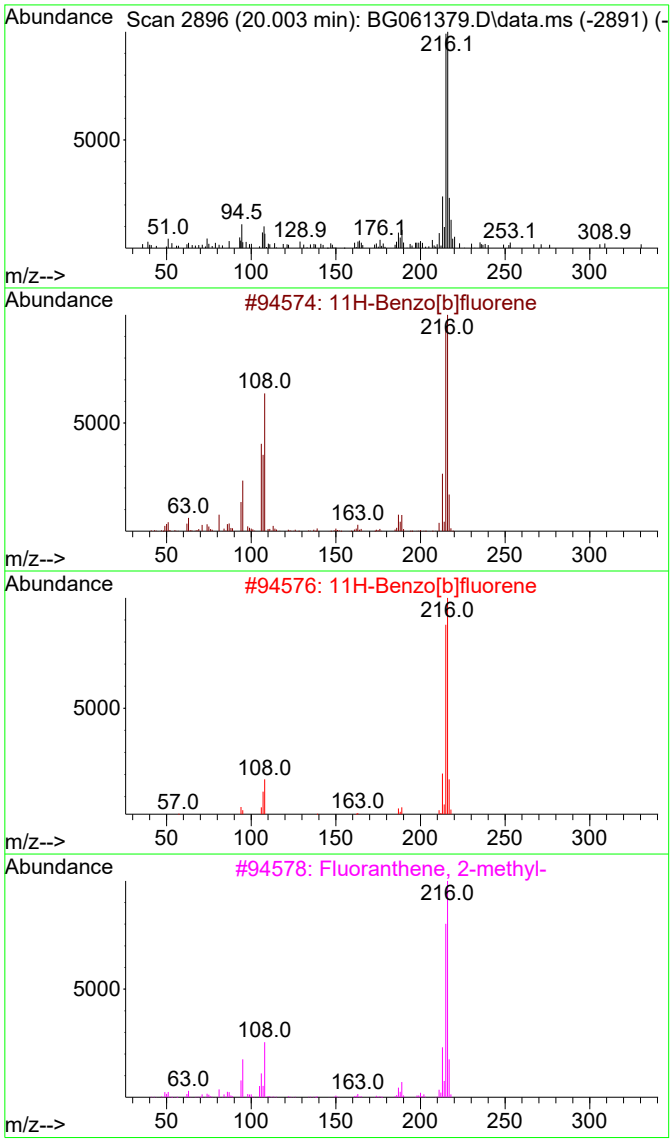
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

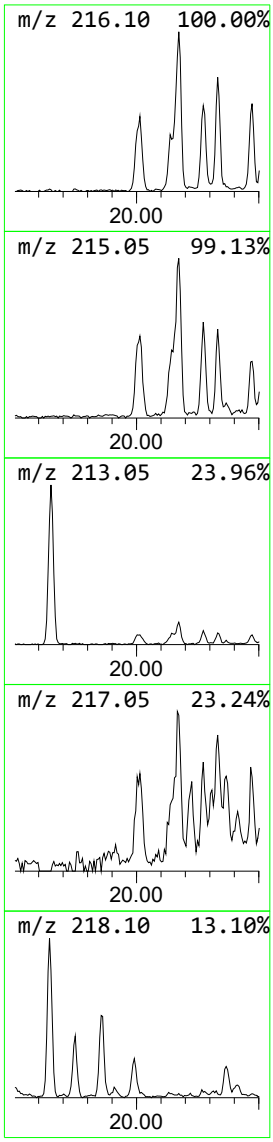
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.003	2.04 ng/ul	123779	Chrysene-d12	21.512

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





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Data File : BG061379.D
Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

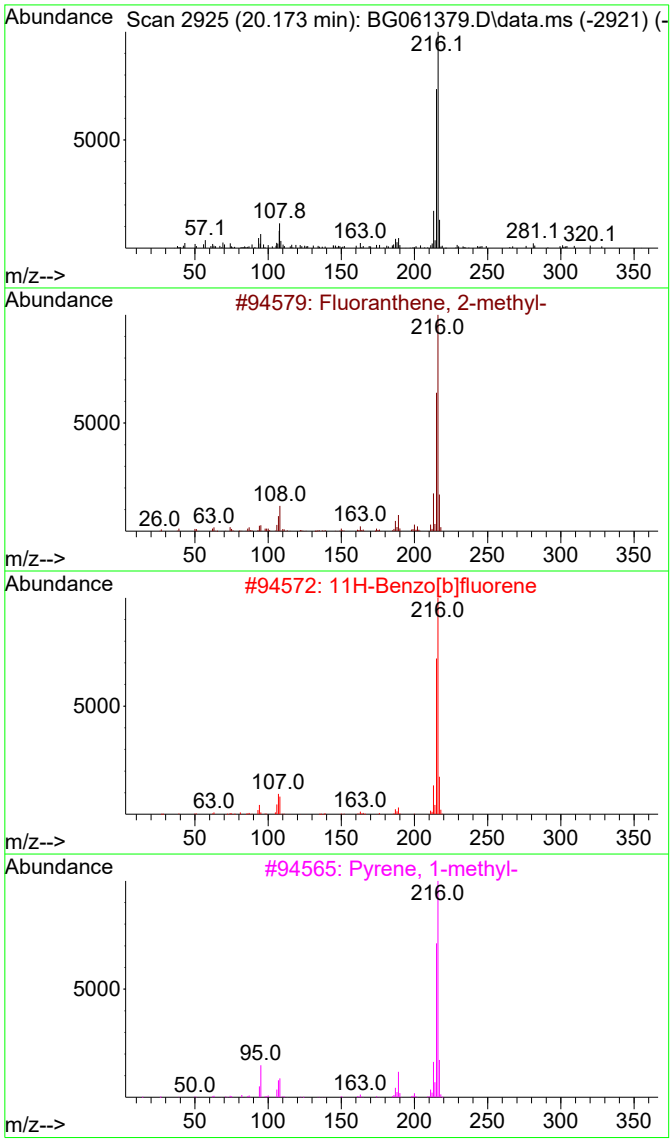
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

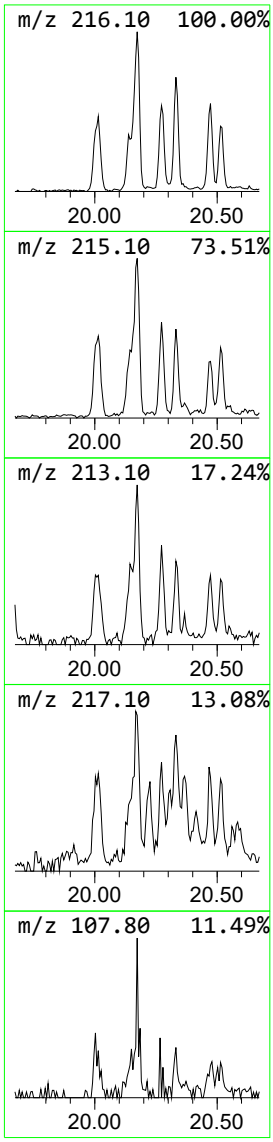
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.173	2.24 ng/ul	136210	Chrysene-d12	21.512

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68





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Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

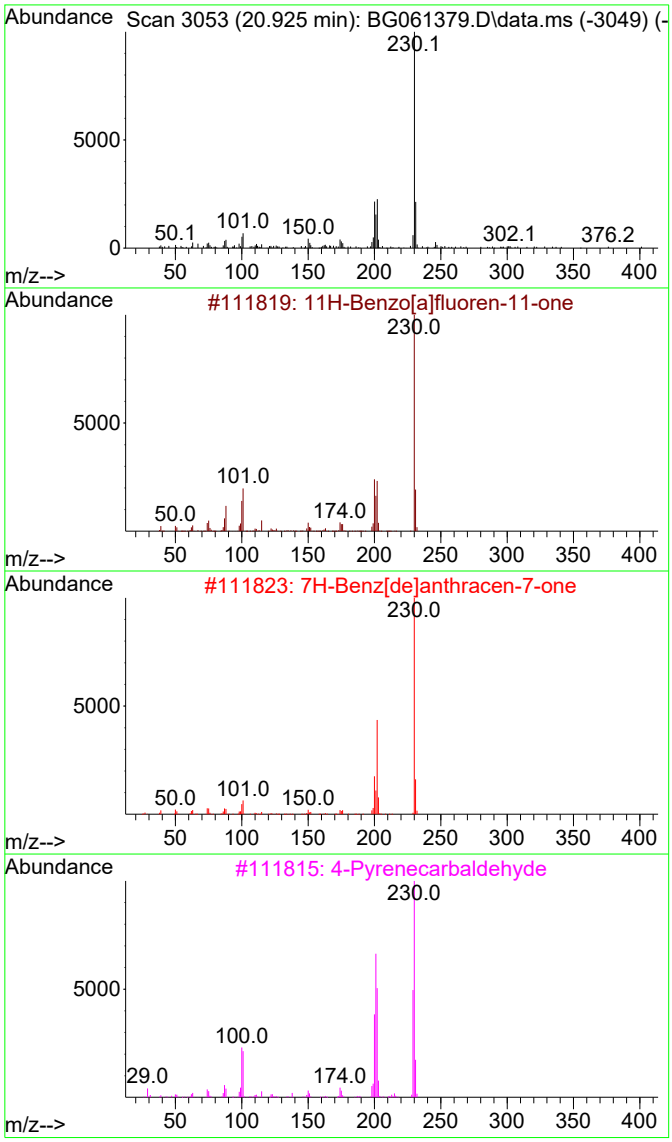
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

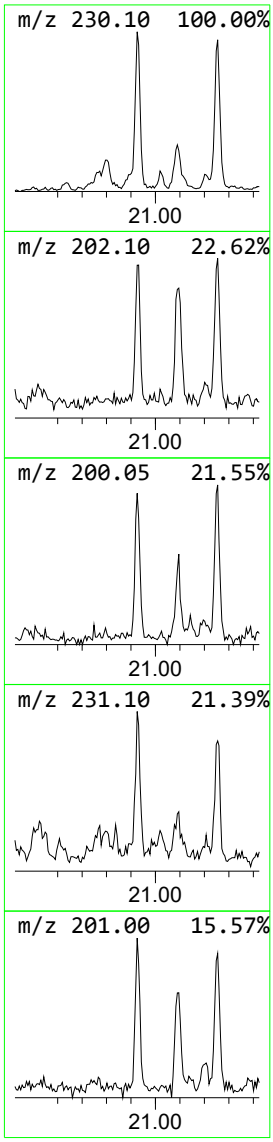
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.925	2.13 ng/ul	129531	Chrysene-d12	21.512

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	80
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72





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Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

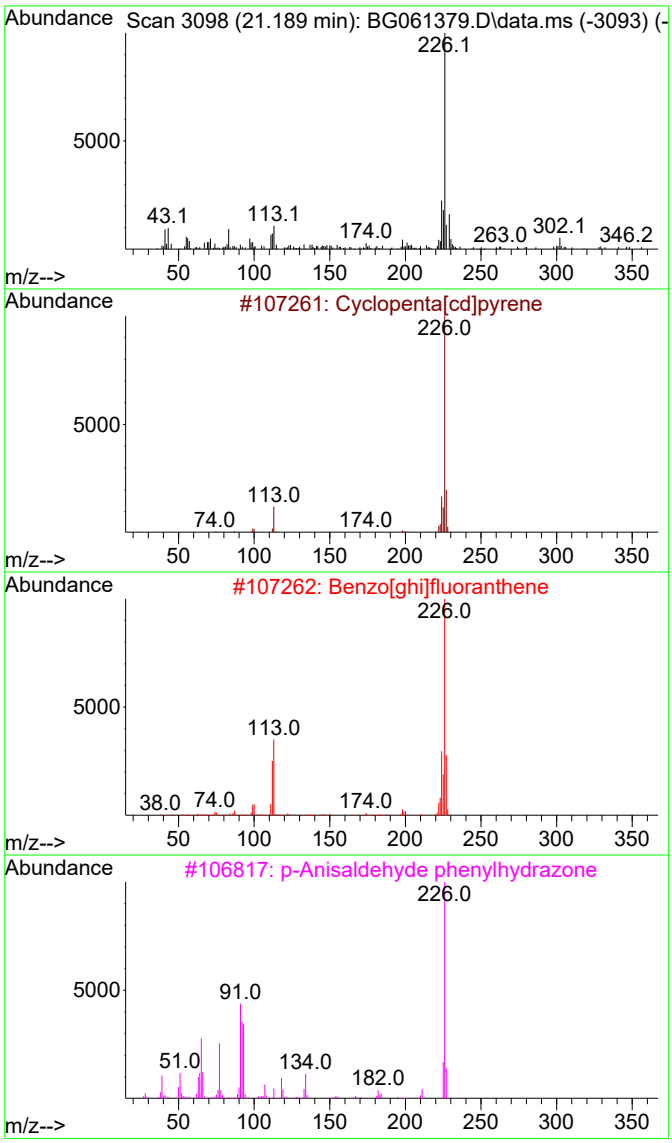
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

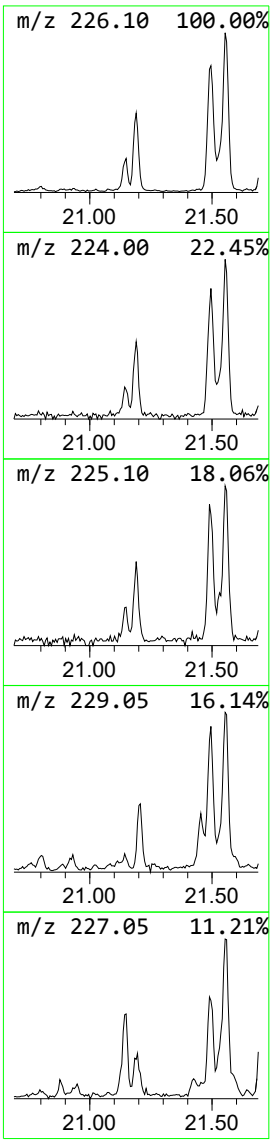
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta[cd]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.189	4.61 ng/ul	280009	Chrysene-d12	21.512

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	50
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	47
3	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	47
4	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	47
5	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	40





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Acq On : 31 May 2024 4:47
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Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

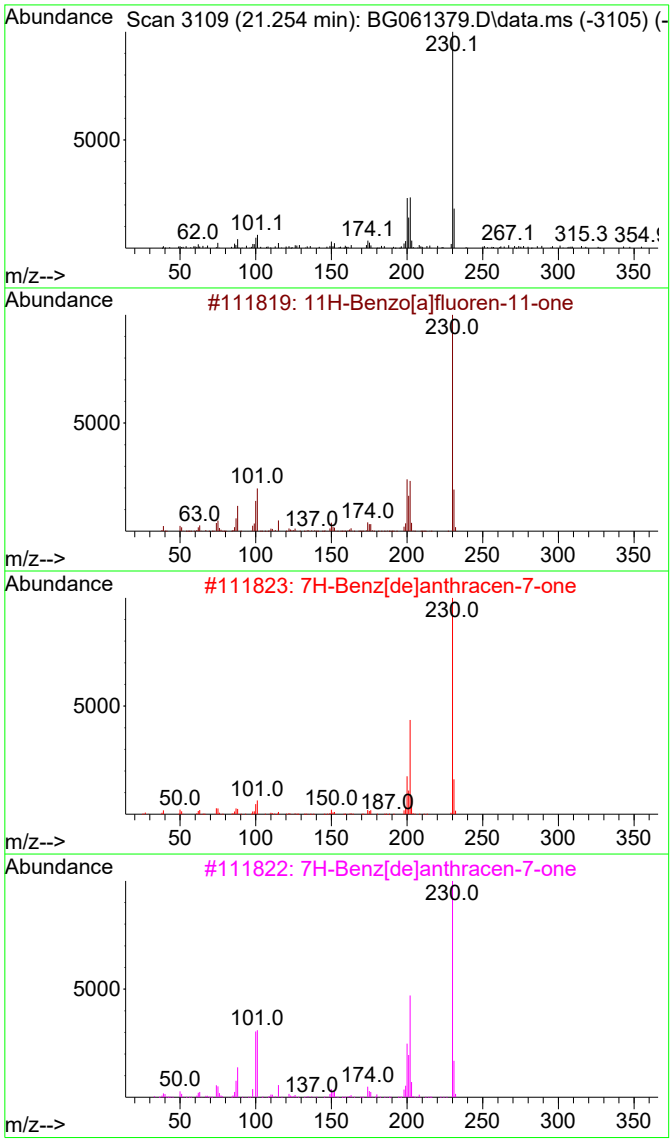
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

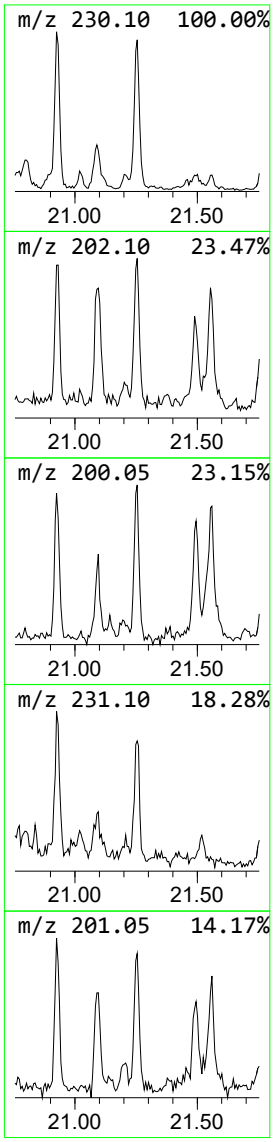
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.254	2.50 ng/ul	151527	Chrysene-d12	21.512

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





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Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

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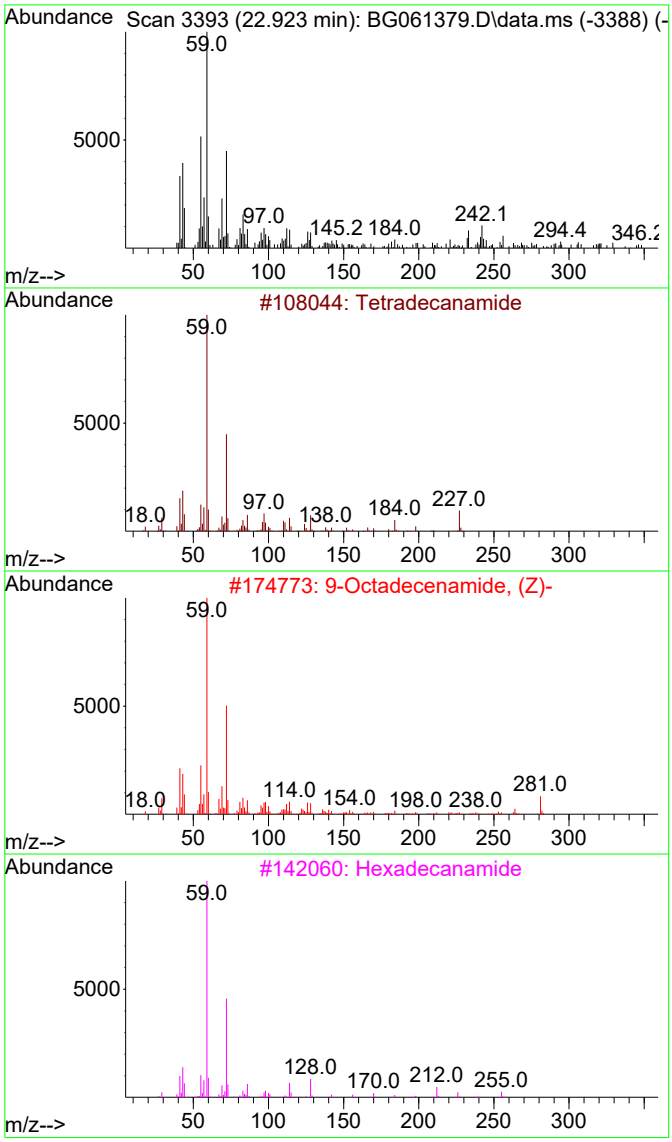
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

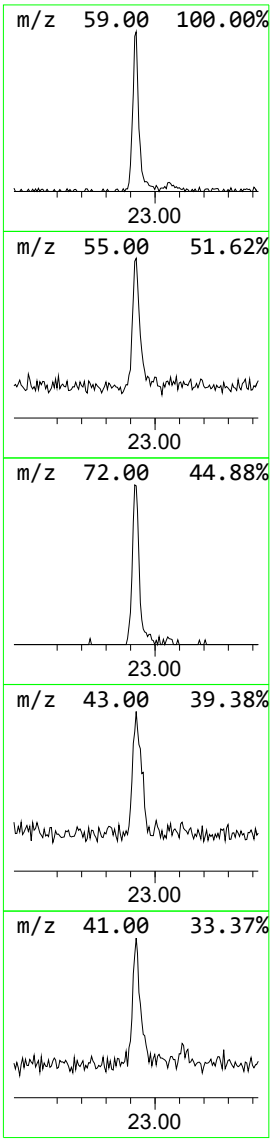
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Tetradecanamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.923	3.54 ng/ul	214922	Chrysene-d12	21.512

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	89
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
3	Hexadecanamide	255	C16H33NO	000629-54-9	70
4	Hexadecanamide	255	C16H33NO	000629-54-9	70
5	Octadecanamide	283	C18H37NO	000124-26-5	68





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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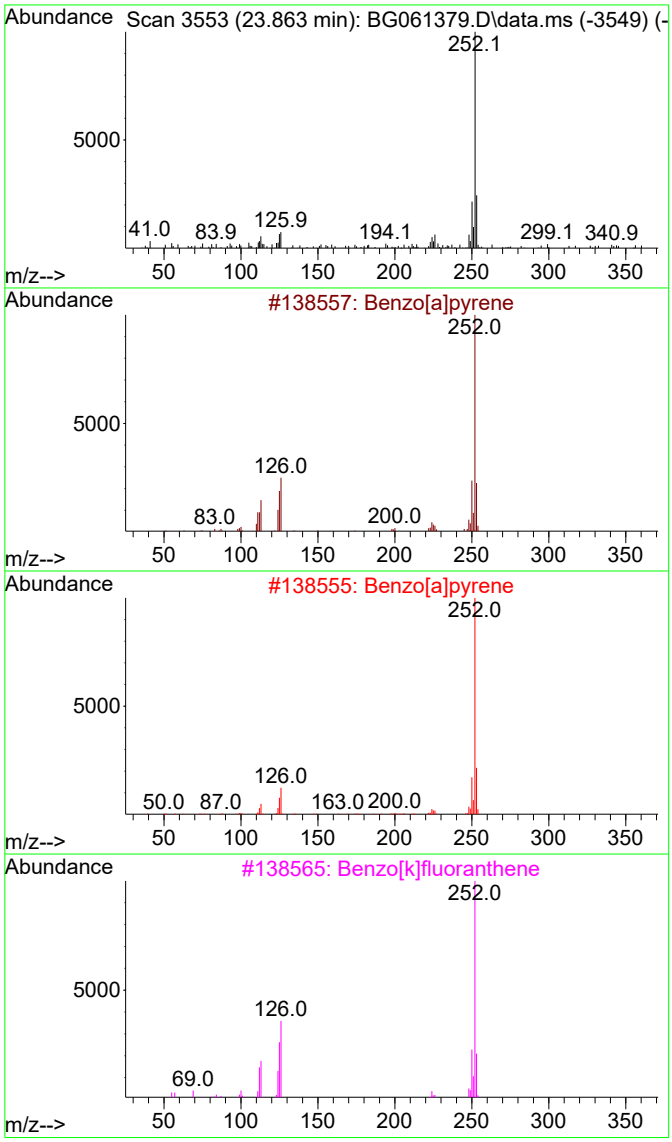
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

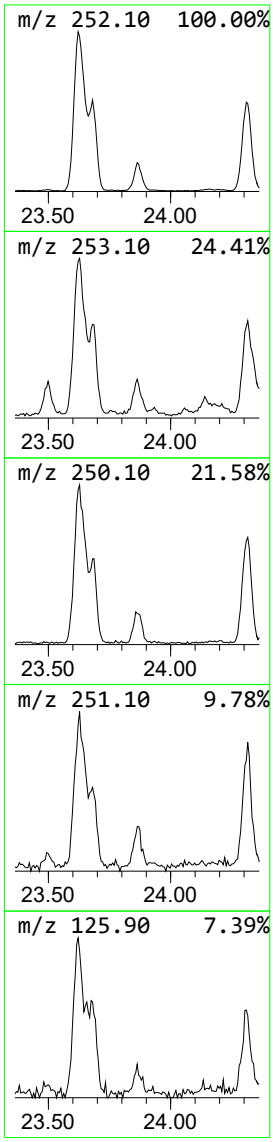
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.863	2.53 ng/ul	87683	Perylene-d12	24.591

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	89
2	Benzo[a]pyrene	252	C20H12	000050-32-8	81
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4	Benzo[e]pyrene	252	C20H12	000192-97-2	76
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061379.D
Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

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

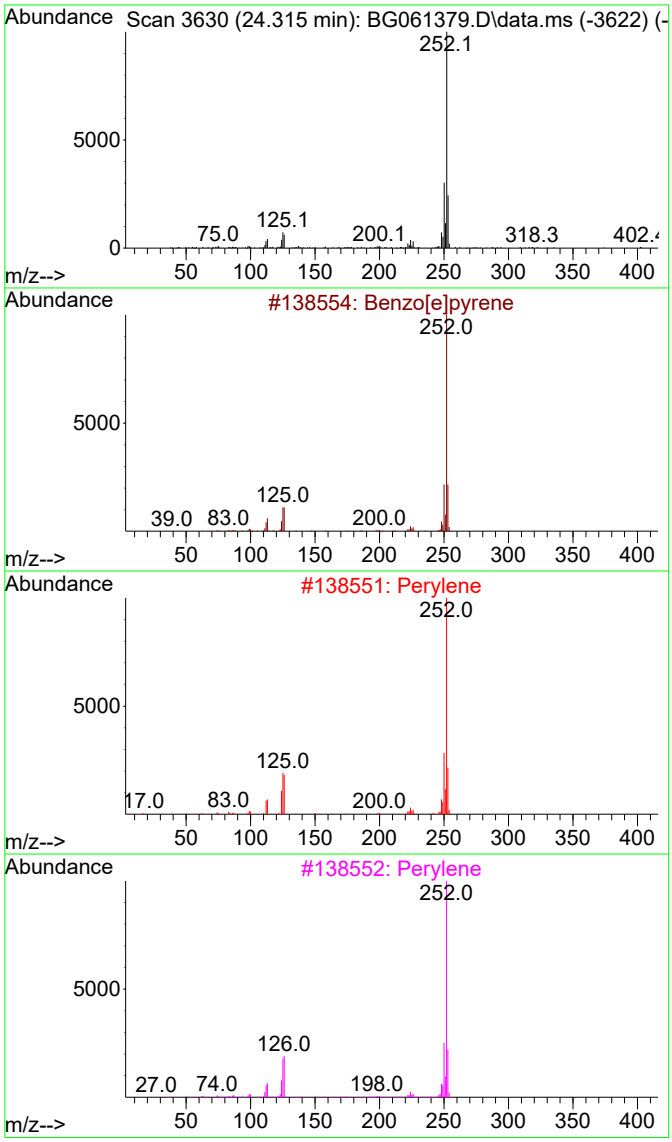
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

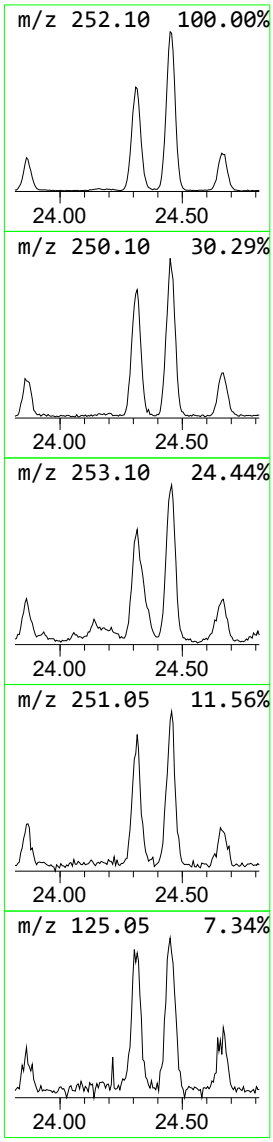
****

Peak Number 17 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.315	10.16 ng/ul	352623	Perylene-d12	24.591

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061379.D
Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B4

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...	3.081	31.2	ng/ul	367818	1	7.876	235972	20.0
Ethanol, 2-(2-b...	10.437	4.5	ng/ul	73834	2	10.666	324434	20.0
Phenanthrene, 1...	18.134	3.1	ng/ul	84454	4	17.259	550142	20.0
1H-Cyclopropa[l...	18.181	7.4	ng/ul	204124	4	17.259	550142	20.0
4H-Cyclopenta[d...	18.328	4.7	ng/ul	128700	4	17.259	550142	20.0
5,16[1',2']:8,1...	18.634	2.2	ng/ul	60614	4	17.259	550142	20.0
9,10-Anthracene...	18.681	4.6	ng/ul	125602	4	17.259	550142	20.0
9,10-Dimethylan...	19.057	3.5	ng/ul	95813	4	17.259	550142	20.0
Cyclopenta(def)...	19.198	3.0	ng/ul	81630	4	17.259	550142	20.0
11H-Benzo[b]flu...	20.003	2.0	ng/ul	123779	5	21.512	1213640	20.0
Fluoranthene, 2...	20.173	2.2	ng/ul	136210	5	21.512	1213640	20.0
11H-Benzo[a]flu...	20.925	2.1	ng/ul	129531	5	21.512	1213640	20.0
Cyclopenta[cd]p...	21.189	4.6	ng/ul	280009	5	21.512	1213640	20.0
7H-Benz[de]anth...	21.254	2.5	ng/ul	151527	5	21.512	1213640	20.0
Tetradecanamide	22.923	3.5	ng/ul	214922	5	21.512	1213640	20.0
Benzo[e]pyrene	23.863	2.5	ng/ul	87683	6	24.591	693904	20.0
Perylene	24.315	10.2	ng/ul	352623	6	24.591	693904	20.0