LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

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: BG061383.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.078	10	15	34	rVB	247871	465695	29.01%	1.941%
2	3.742	122	128	139	rBV	84121	153784	9.58%	0.641%
3	7.056	686	692	701	rBV	133486	230500	14.36%	0.961%
4	7.203	711	717	724	rVB	88193	138228	8.61%	0.576%
5	7.414	744	753	759	rBV	128109	216407	13.48%	0.902%
6	7.872	824	831	837	rBV	111632	180171	11.22%	0.751%
7	8.589	947	953	960	rBV	150898	256721	15.99%	1.070%
8	9.030	1019	1028	1036	rVB	136717	229911	14.32%	0.959%
9	9.582	1118	1122	1128	rBV	14422	21708	1.35%	0.091%
10	9.753	1144	1151	1157	rBV	118337	206840	12.89%	0.862%
11	10.299	1237	1244	1252	rBV	170177	294910	18.37%	1.229%
12	10.440	1261	1268	1278	rBV	33210	60808	3.79%	0.254%
13	10.663	1299	1306	1311	rBV	138830	249006	15.51%	1.038%
14	10.716	1311	1315	1321	rVB	55254	88642	5.52%	0.370%
15	10.804	1321	1330	1340	rBV	129265	238309	14.85%	0.994%
16	11.404	1428	1432	1442	rBV2	11760	20008	1.25%	0.083%
17	12.326	1583	1589	1596	rVV	14517	21186	1.32%	0.088%
18	13.912	1852	1859	1867	rVB	306653	431178	26.86%	1.798%
19	14.200	1901	1908	1918	rVB2	325637	502539	31.31%	2.095%
20	14.506	1953	1960	1966	rBV	233483	344936	21.49%	1.438%
21	14.570	1966	1971	1978	rVB	78132	115790	7.21%	0.483%
22	14.741	1995	2000	2011	rVV3	84033	170795	10.64%	0.712%
23	14.905	2023	2028	2034	rVV	39409	58753	3.66%	0.245%
24	15.505	2121	2130	2135	rBV	420651	635019	39.56%	2.647%
25	15.557	2135	2139	2147	rVV3	50411	73673	4.59%	0.307%
26	15.640	2147	2153	2159	rVV	105658	163998	10.22%	0.684%
27	15.998	2210	2214	2223	rVB	12322	22070	1.37%	0.092%
28	16.233	2249	2254	2264	rVB4	15750	27105	1.69%	0.113%
29	16.915	2365	2370	2376	rVB	29961	45507	2.84%	0.190%
30	17.009	2379	2386	2392	rVV3	22041	39683	2.47%	0.165%
31	17.073	2392	2397	2405	rVB	28648	44296	2.76%	0.185%
32	17.255	2422	2428	2432	rVV	282920	439858	27.40%	1.834%
33	17.302	2432	2436	2440	rVV	547885	804755	50.14%	3.355%
34	17.355	2440	2445	2449	rVV2	470599	711945	44.35%	2.968%
35	17.391	2449	2451	2457	rVV	107675	129087	8.04%	0.538%
36	17.449	2457	2461	2468	rVB2	23710	35054	2.18%	0.146%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

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	17.661	2487	2497	2502	rBV2	81075	142632	8.89%	0.595%
38	18.131	2569	2577	2580	rBV	53044	84737	5.28%	0.353%
39	18.184	2582	2586	2592	rVV	85541	131140	8.17%	0.547%
40	18.260	2594	2599	2605	rVB2	23093	34178	2.13%	0.142%
41	18.331	2605	2611	2615	rBV2	89444	159605	9.94%	0.665%
42	18.366	2615	2617	2623	rVB2	36868	46629	2.90%	0.194%
43	18.630	2657	2662	2666	rBV	45668	64407	4.01%	0.269%
44	18.677	2666	2670	2677	rVB	61275	85819	5.35%	0.358%
45	18.877	2696	2704	2709	rBV5	15448	26754	1.67%	0.112%
46	19.047	2727	2733	2740	rBV4	28435	73148	4.56%	0.305%
47	19.124	2741	2746	2747	rVV4	13014	22825	1.42%	0.095%
48	19.194	2753	2758	2766	rBV3	38702	76439	4.76%	0.319%
49	19.318	2771	2779	2785	rBV	974024	1350884	84.16%	5.632%
50	19.377	2785	2789	2792	rBV3	14314	22348	1.39%	0.093%
51	19.418	2792	2796	2800	rBV	23693	40128	2.50%	0.167%
52	19.512	2809	2812	2815	rBV5	13223	21363	1.33%	0.089%
53	19.559	2817	2820	2824	rVB	28752	38648	2.41%	0.161%
54	19.653	2830	2836	2838	rBV2	768939	1141810	71.13%	4.760%
55	19.682	2838	2841	2848	rVB	781211	1087135	67.73%	4.532%
56	19.747	2848	2852	2861	rVB3	42809	67954	4.23%	0.283%
57	19.858	2866	2871	2876	rBV	51254	68444	4.26%	0.285%
58	19.917	2877	2881	2887	rVB	60751	93350	5.82%	0.389%
59	20.005	2889	2896	2902	rBV4	54027	148987	9.28%	0.621%
60	20.058	2902	2905	2909	rVB	22807	25214	1.57%	0.105%
61	20.140	2912	2919	2920	rBV4	37600	70491	4.39%	0.294%
62	20.176	2920	2925	2930	rVB	141575	222600	13.87%	0.928%
63	20.270	2936	2941	2945	rBV	108762	152733	9.52%	0.637%
64	20.328	2945	2951	2955	rVV2	70990	124788	7.77%	0.520%
65	20.364	2955	2957	2962	rVB	58252	69617	4.34%	0.290%
66	20.411	2962	2965	2969	rVB	22597	29248	1.82%	0.122%
67	20.469	2971	2975	2979	rBV	46752	64484	4.02%	0.269%
68	20.516	2979	2983	2986	rBV2	44563	57769	3.60%	0.241%
69	20.628	3000	3002	3006	rVB4	17086	21759	1.36%	0.091%
70	20.728	3015	3019	3022	rBV5	16527	30116	1.88%	0.126%
71	20.798	3028	3031	3035	rVB2	27502	39820	2.48%	0.166%
72	20.887	3043	3046	3048	rBV4	17421	21079	1.31%	0.088%
73	20.928	3049	3053	3060	rVB	76064	114410	7.13%	0.477%
74	21.104	3076	3083	3086	rBV3	96042	172515	10.75%	0.719%
75	21.145	3086	3090	3092	rVV	86334	122411	7.63%	0.510%
76	21.198	3092	3099	3104	rVV3	111329	311663	19.42%	1.299%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH6C0

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	21.251	3104	3108	3115	rVB	86603	145910	9.09%	0.608%
78	21.404	3131	3134	3138	rVB	42758	49895	3.11%	0.208%
79	21.498	3140	3150	3156	rVV3	670203	1605163	100.00%	6.692%
80	21.556	3156	3160	3171	rVB	506746	853664	53.18%	3.559%
81	21.703	3180	3185	3190	rBV	111643	181958	11.34%	0.759%
82	21.768	3193	3196	3198	rBV4	16764	23482	1.46%	0.098%
83	21.909	3213	3220	3226	rBV2	81911	175881	10.96%	0.733%
84	22.214	3264	3272	3277	rBV	82497	161744	10.08%	0.674%
85	22.285	3280	3284	3292	rVB3	73079	124189	7.74%	0.518%
86	22.420	3303	3307	3312	rVB2	32332	54735	3.41%	0.228%
87	22.479	3312	3317	3320	rVV2	51342	86726	5.40%	0.362%
88	22.526	3321	3325	3331	rVB5	62243	120193	7.49%	0.501%
89	22.608	3335	3339	3346	rVB6	29208	62411	3.89%	0.260%
90	22.919	3387	3392	3404	rVB6	88914	234850	14.63%	0.979%
91	23.624	3503	3512	3519	rBV	400716	1271429	79.21%	5.301%
92	23.865	3548	3553	3560	rVB	68340	148833	9.27%	0.620%
93	24.059	3582	3586	3591	rBV4	23571	58179	3.62%	0.243%
94	24.318	3622	3630	3635	rBV	186010	505884	31.52%	2.109%
95	24.388	3636	3642	3648	rVV2	328566	873346	54.41%	3.641%
96	24.459	3648	3654	3663	rVB	361960	919052	57.26%	3.832%
97	24.600	3668	3678	3685	rBV	215251	621233	38.70%	2.590%
98	24.664	3685	3689	3697	rVB2	72499	166572	10.38%	0.694%
99	28.102	4263	4274	4291	rVB3	132208	618070	38.51%	2.577%
100	29.183	4447	4458	4471	rBV2	84339	374125	23.31%	1.560%

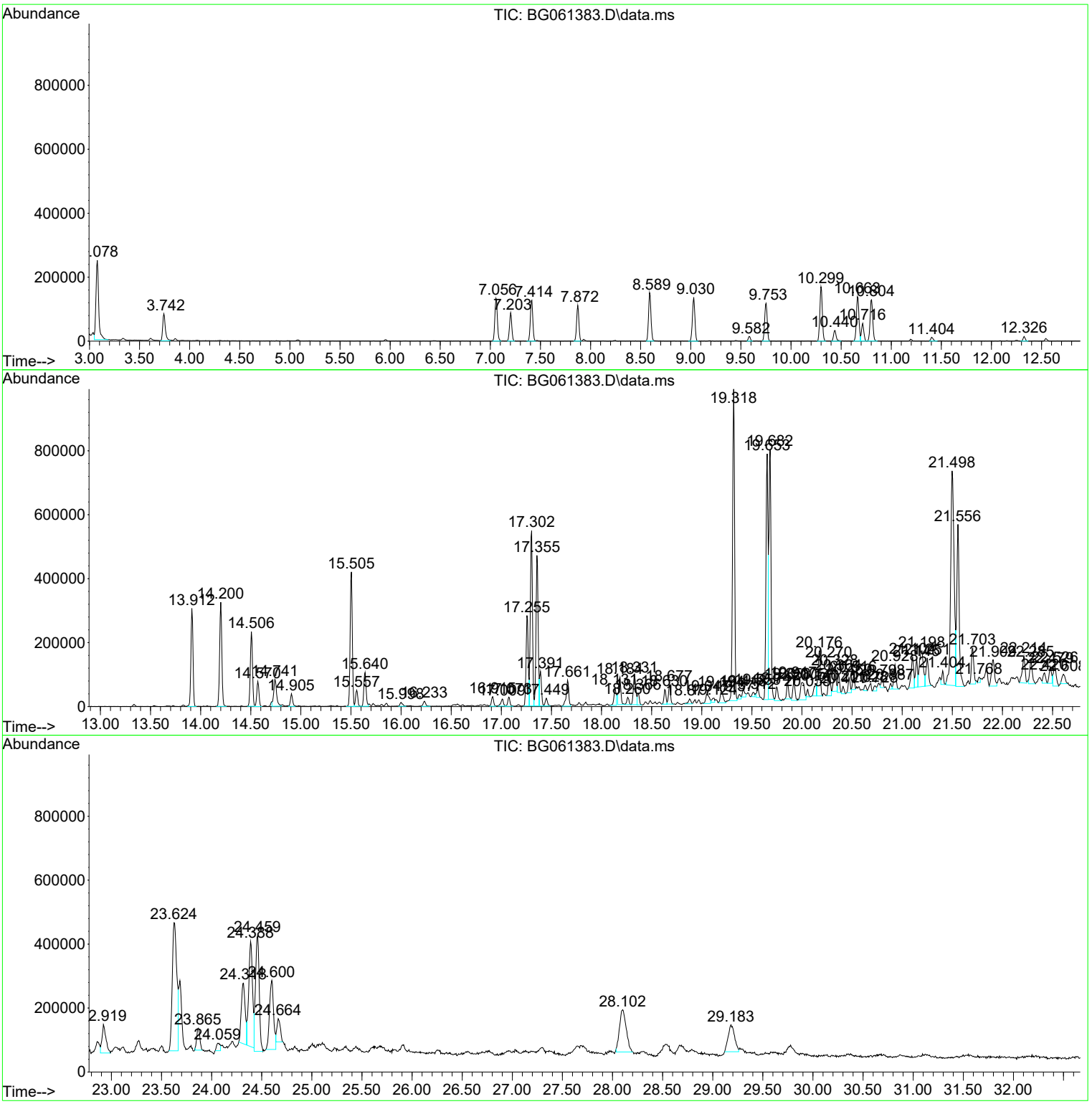
Sum of corrected areas: 23986480

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

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 : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

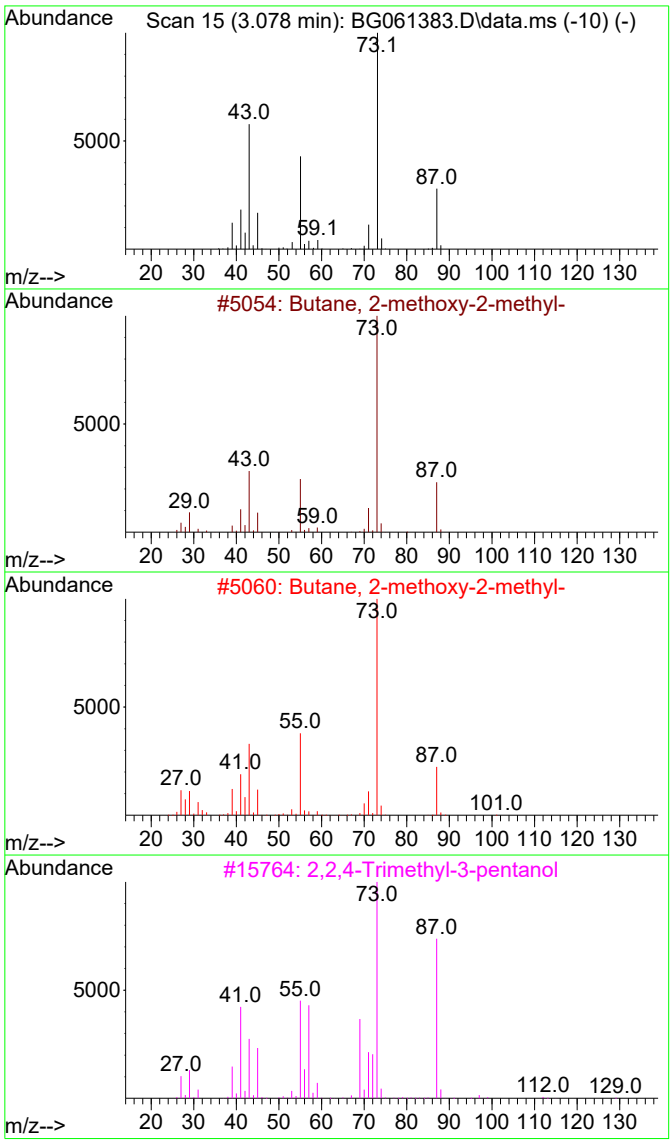
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

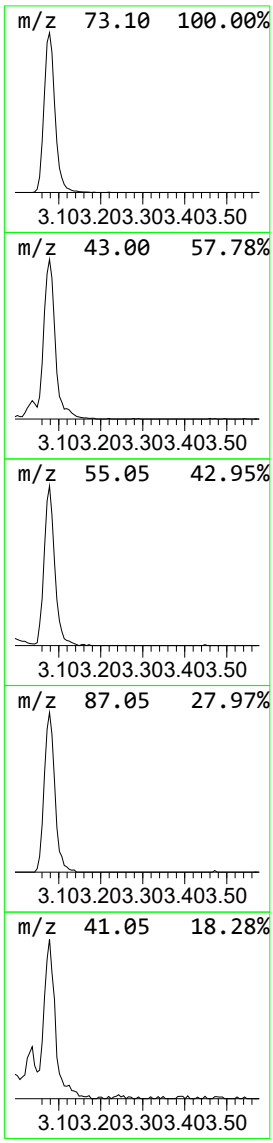
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.078	51.69 ng/ul	465695	1,4-Dichlorobenzene-d4	7.872

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	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	37
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

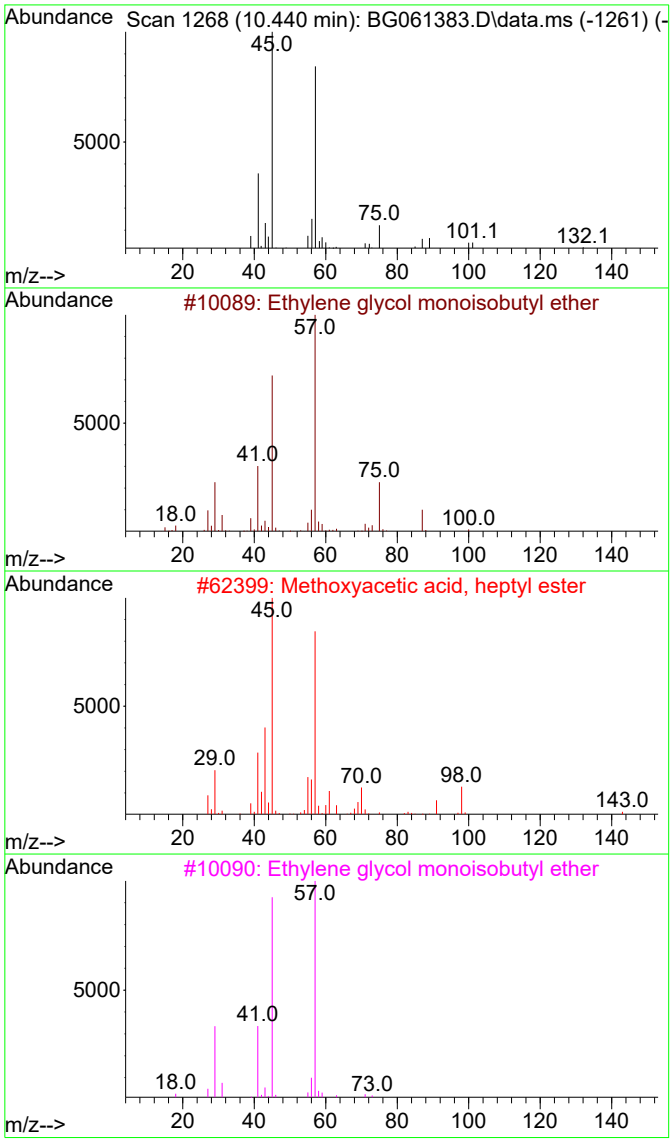
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

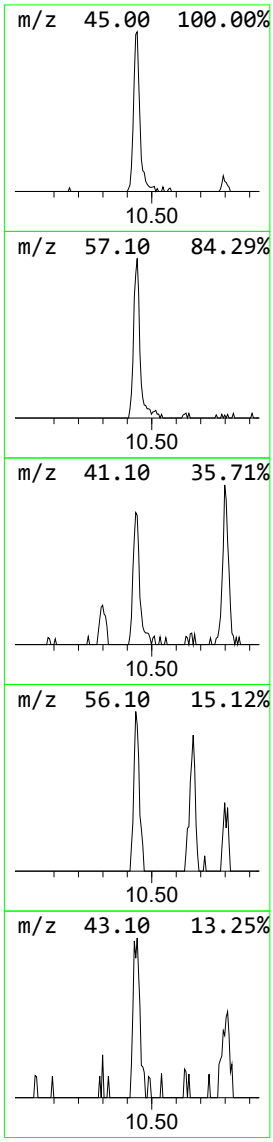
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethylene glycol monoisobuty... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.440	4.88 ng/ul	60808	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
2	Methoxyacetic acid, heptyl ester	188	C10H20O3	168920-36-3	53
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	53
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	47
5	1-Methoxy-3-methyl-3-butene	100	C6H12O	034752-58-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

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

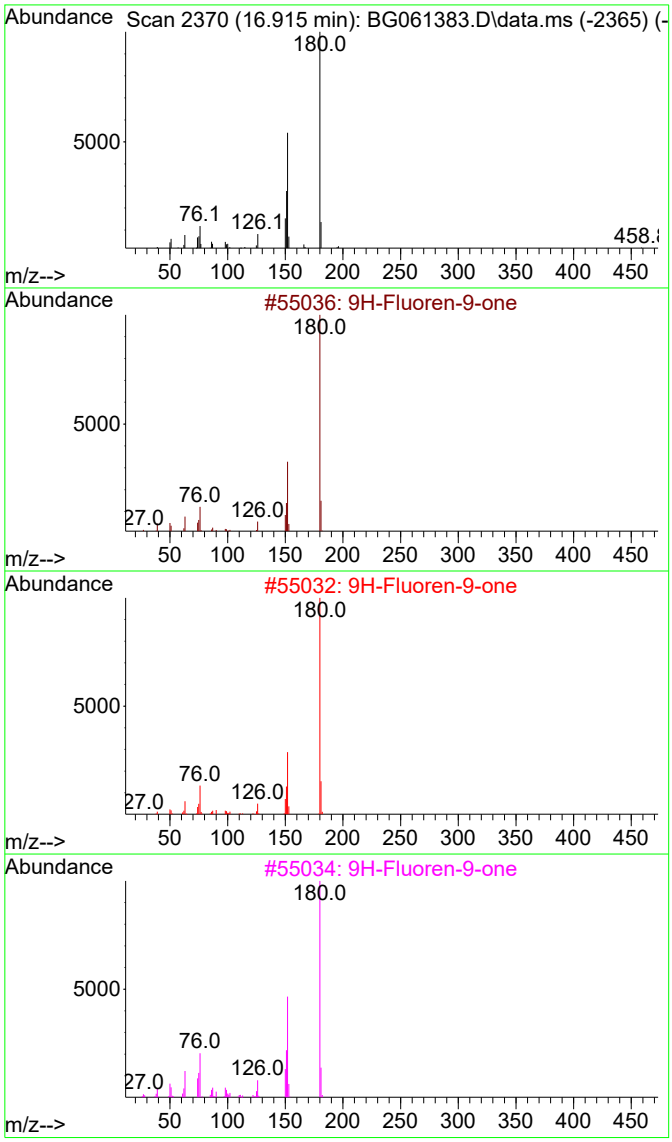
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

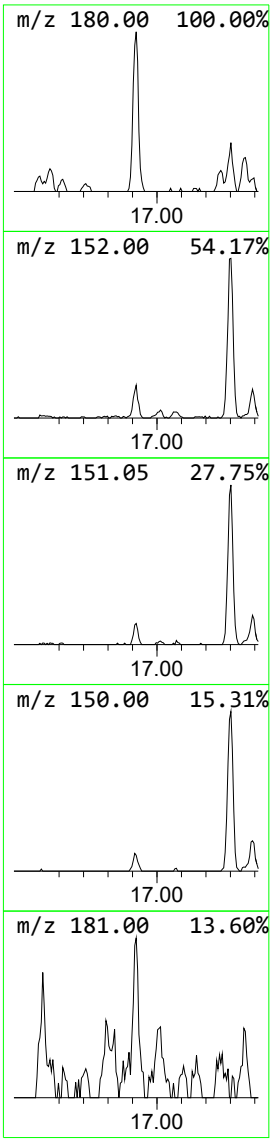
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.915	2.07 ng/ul	45507	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

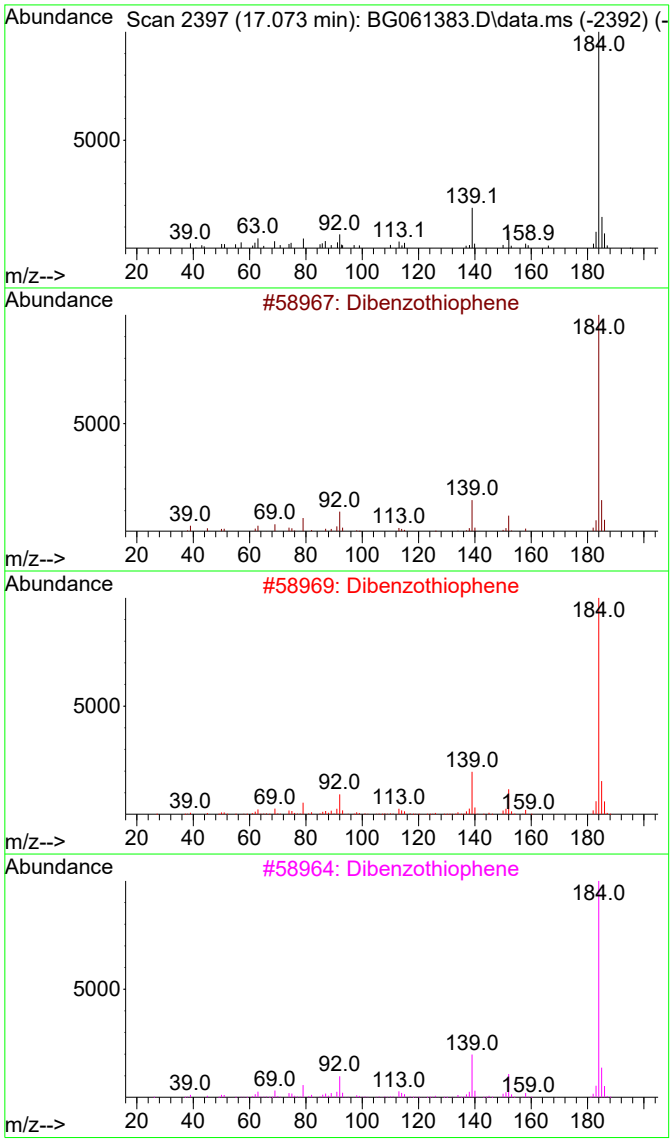
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

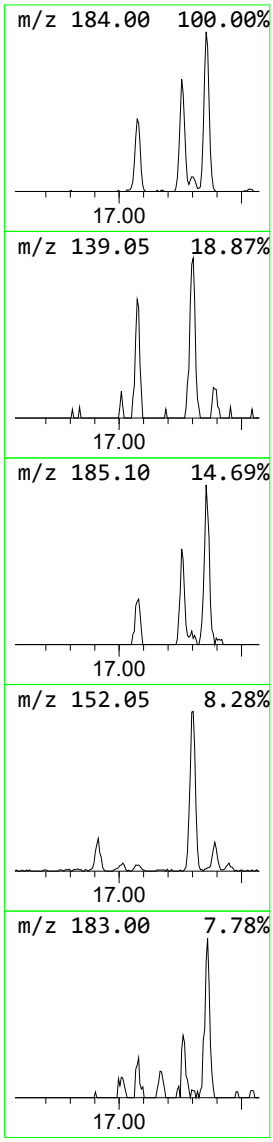
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzothiophene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.073	2.01 ng/ul	44296	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

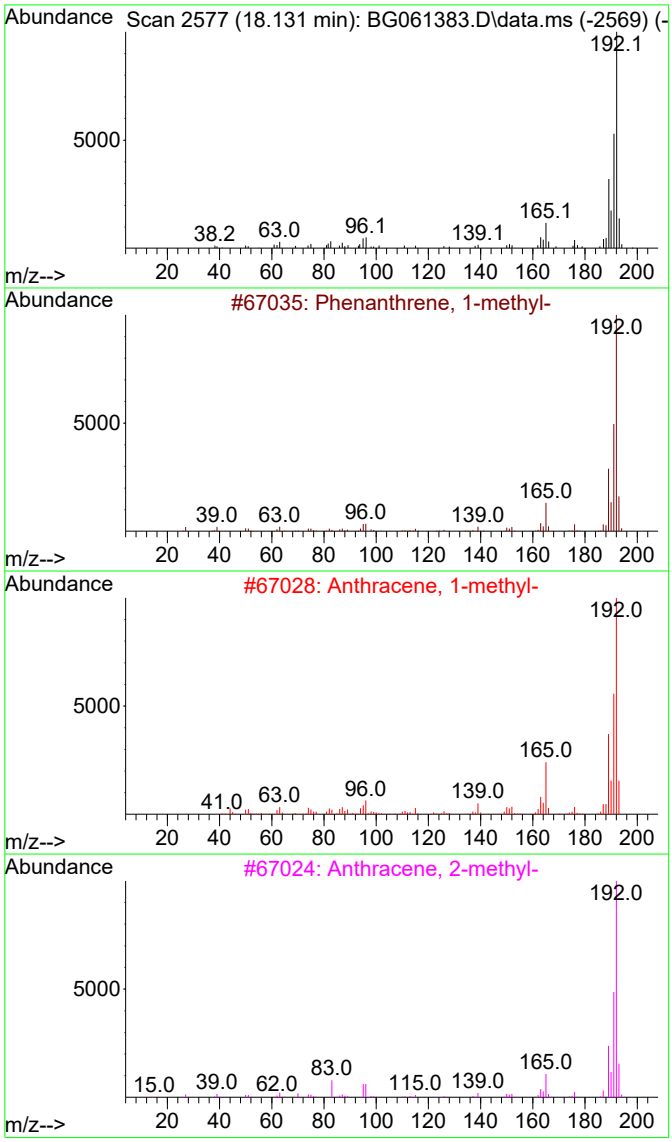
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

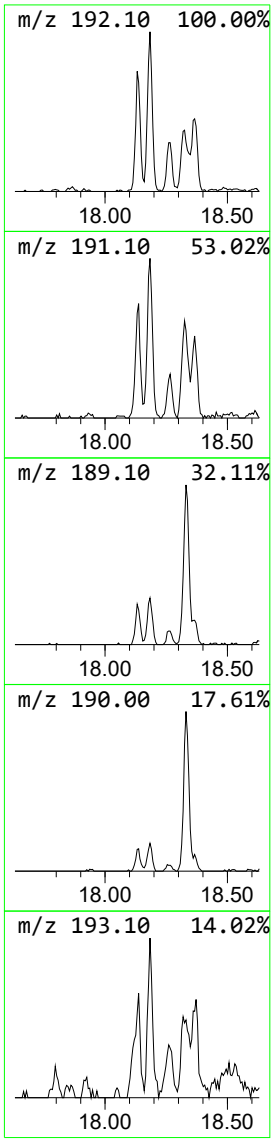
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.131	3.85 ng/ul	84737	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

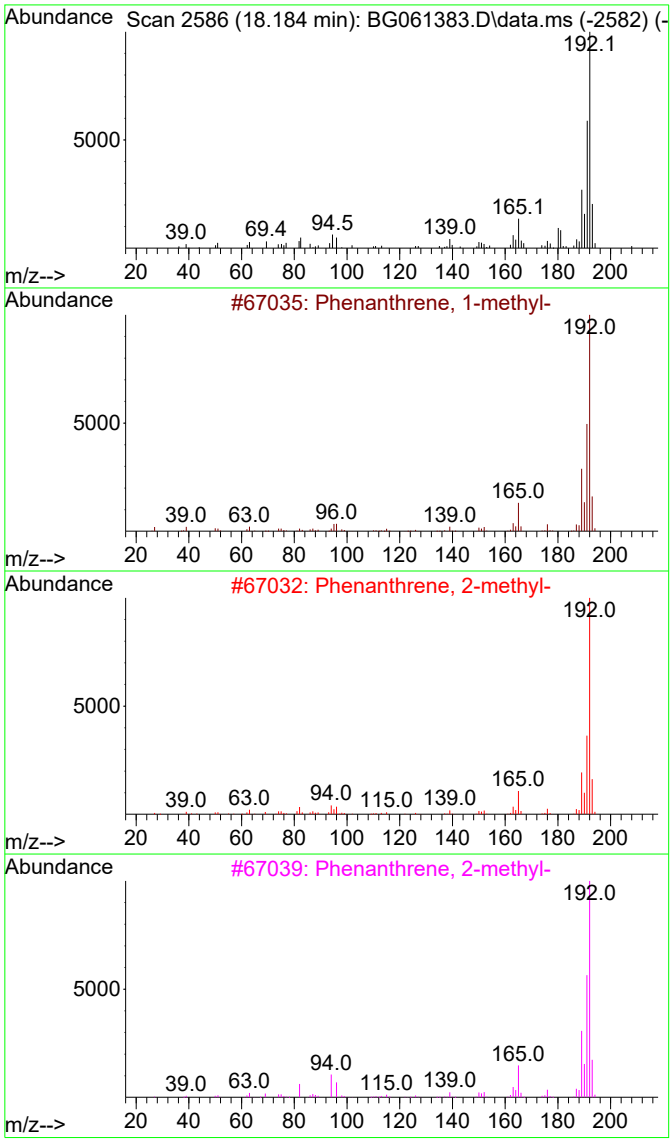
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

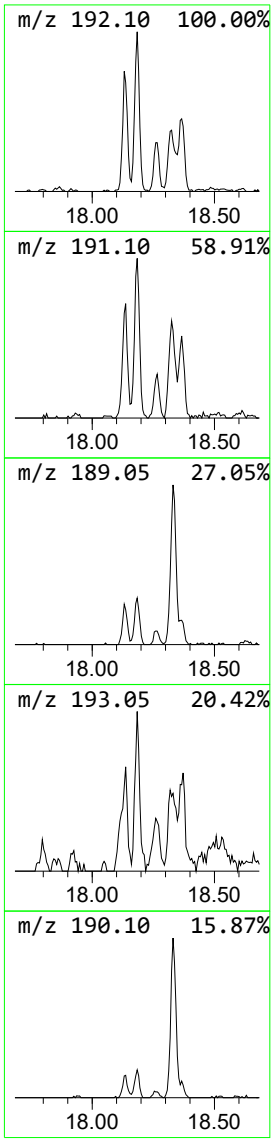
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.184	5.96 ng/ul	131140	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

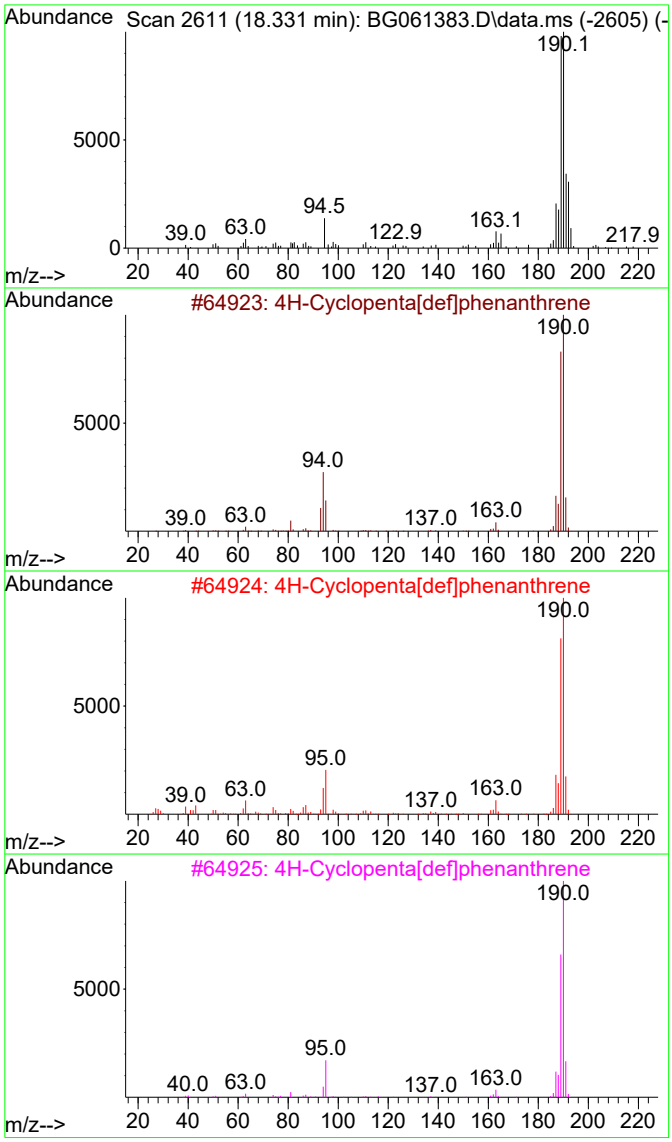
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

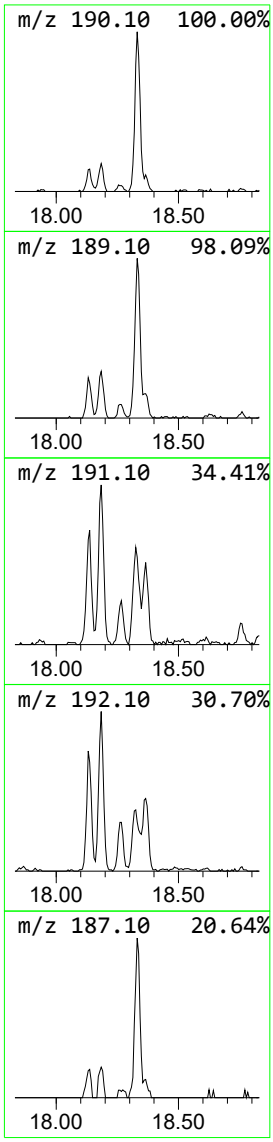
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.331	7.26 ng/ul	159605	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

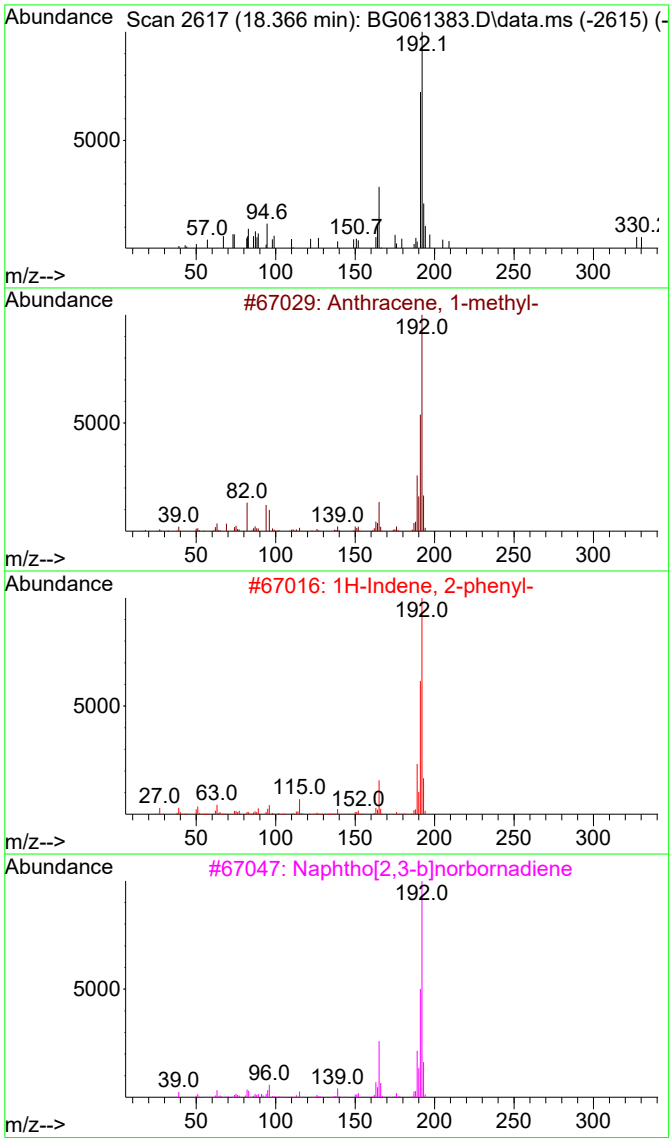
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

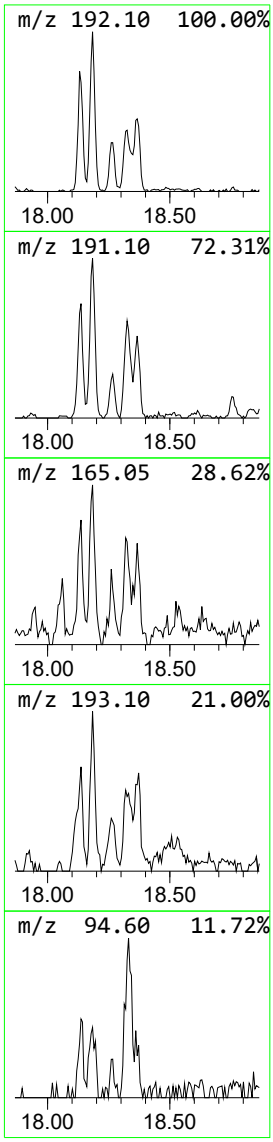
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.366	2.12 ng/ul	46629	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	80
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72





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Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

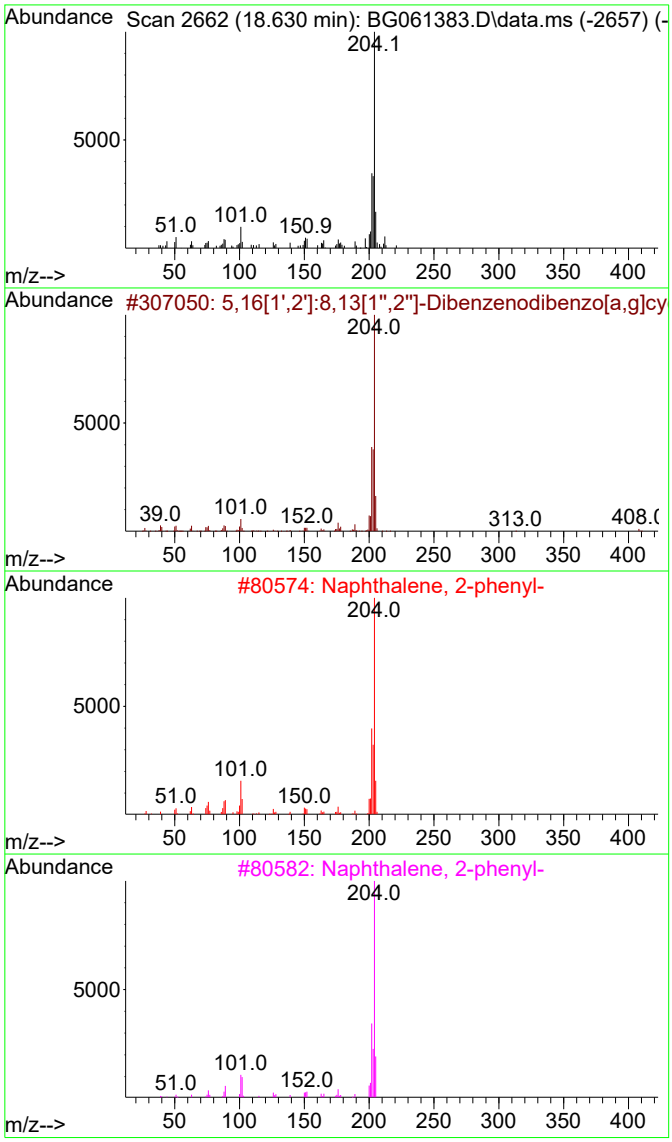
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

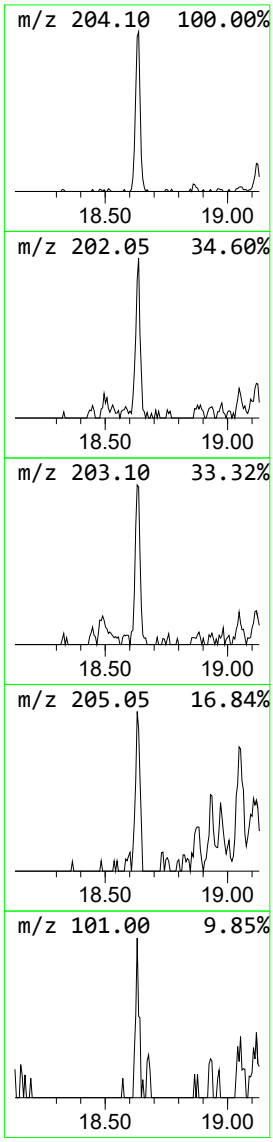
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.630	2.93 ng/ul	64407	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





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Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

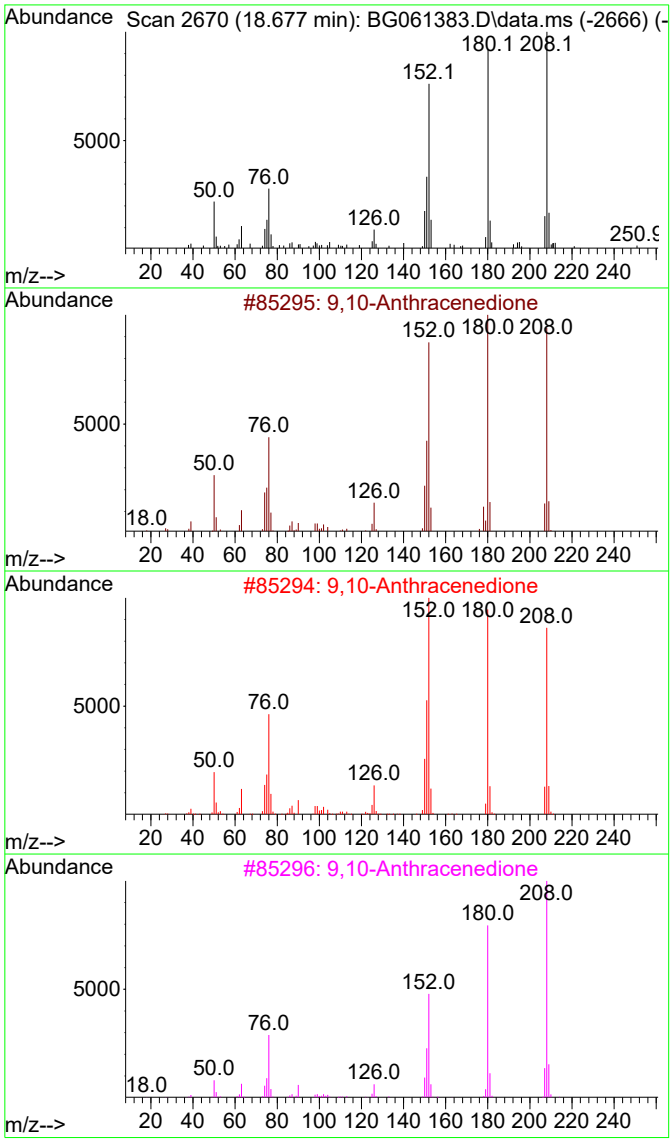
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

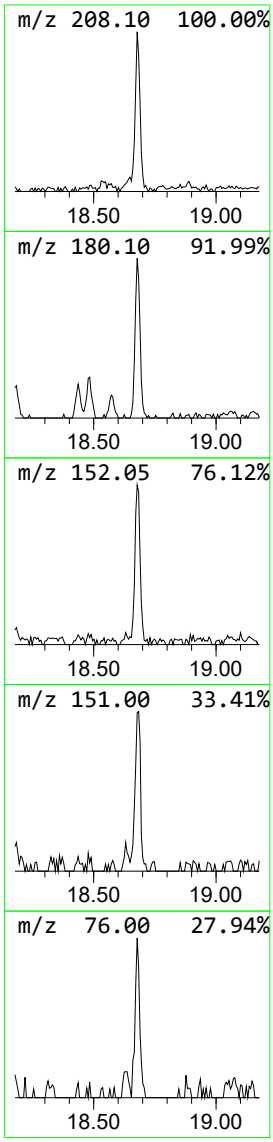
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.677	3.90 ng/ul	85819	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	92





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Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

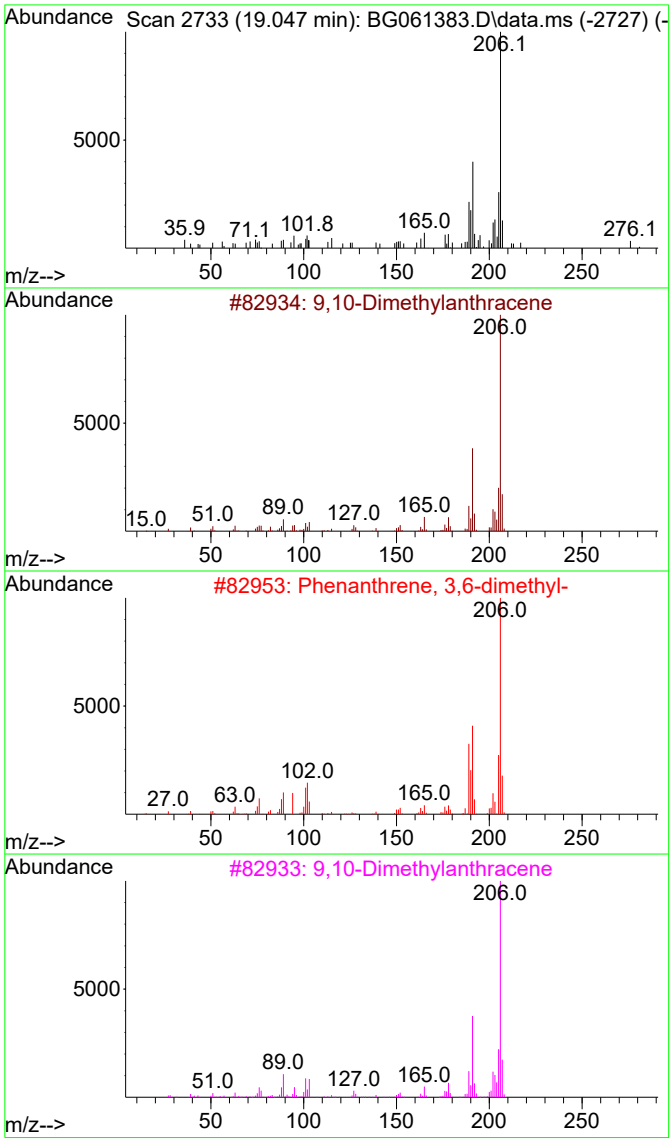
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

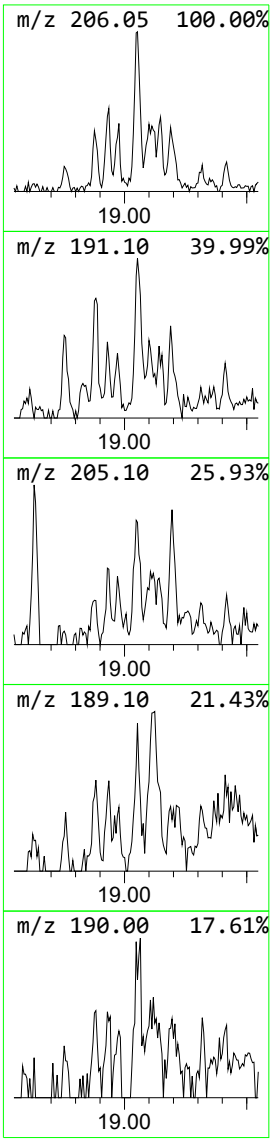
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.047	3.33 ng/ul	73148	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	74
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	72
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	68





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Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

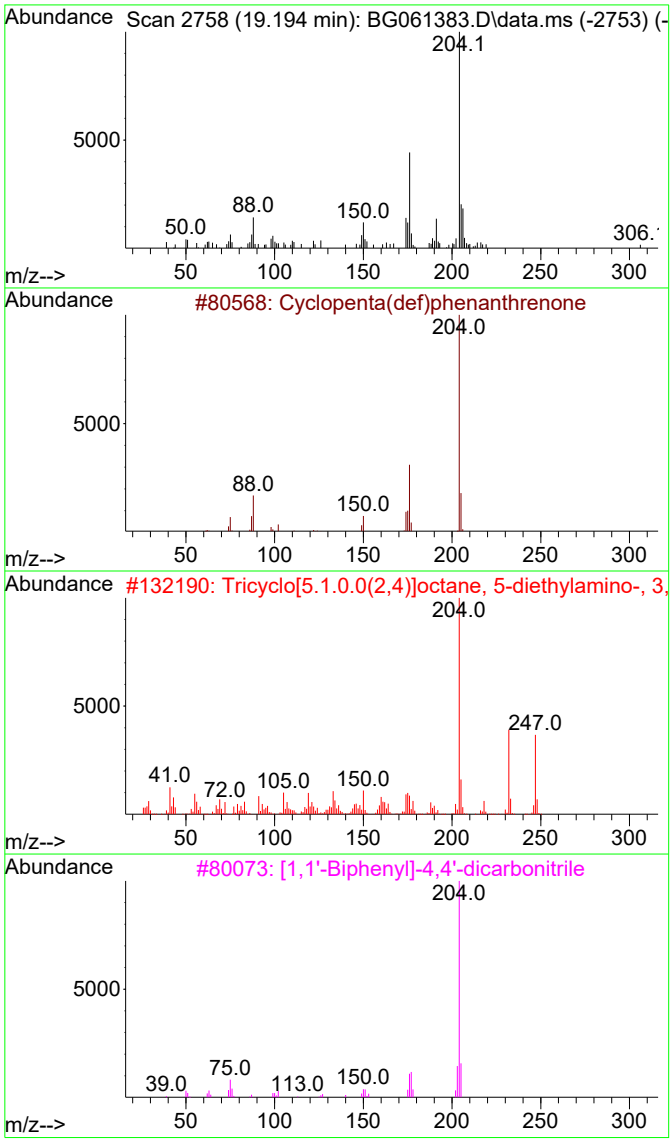
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

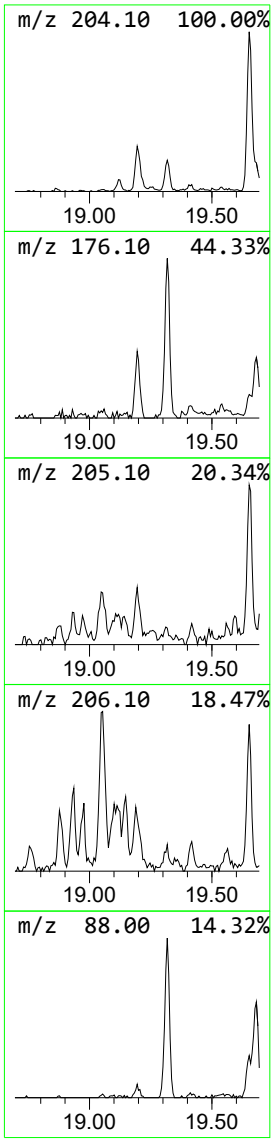
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.194	3.48 ng/ul	76439	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	50
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	.alpha.-D-Digitoxopyranose, 3TMS	364	C15H36O4Si3	1000496-55-6	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46





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Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

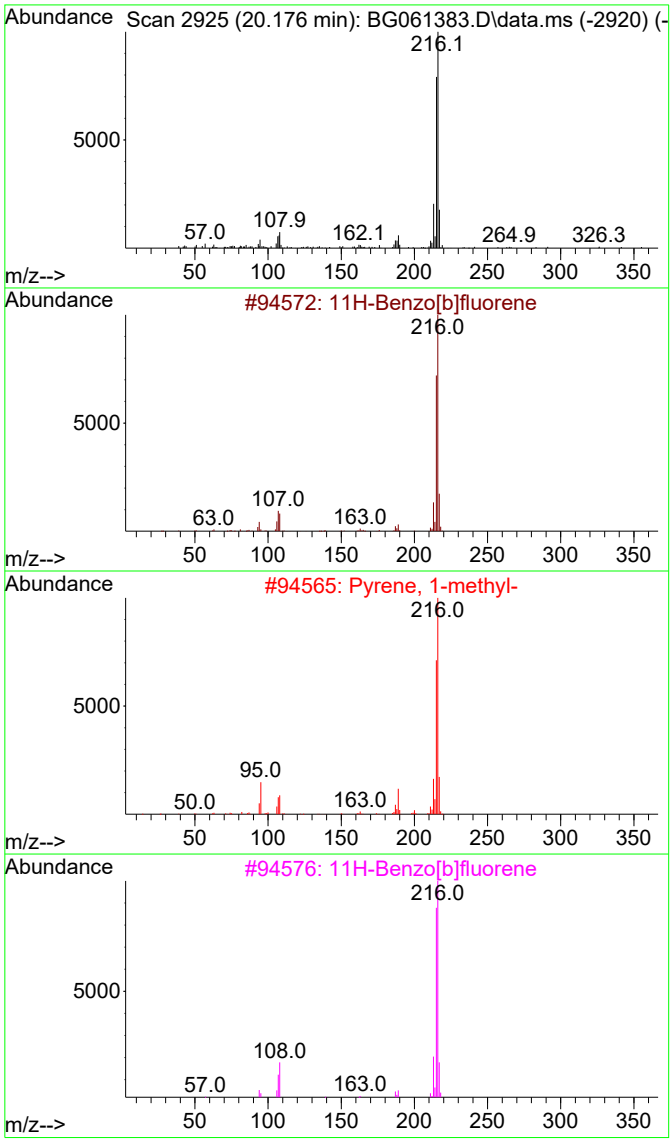
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

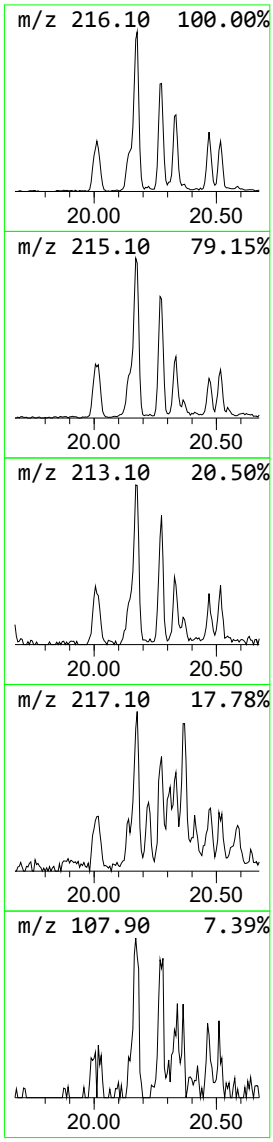
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.176	2.77 ng/ul	222600	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

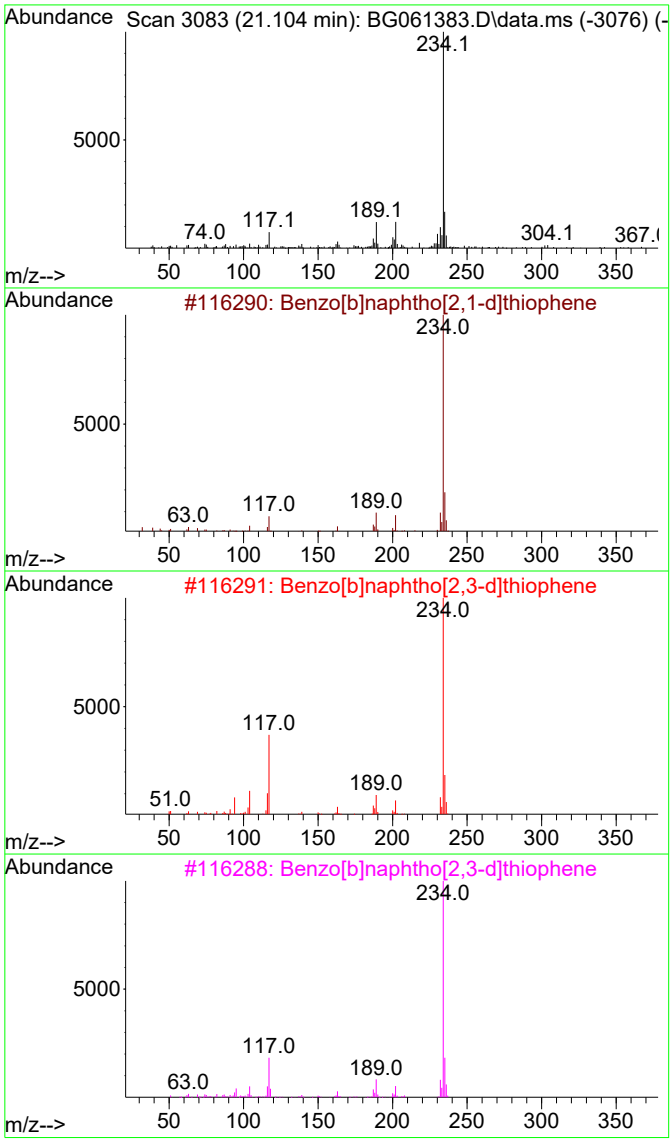
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

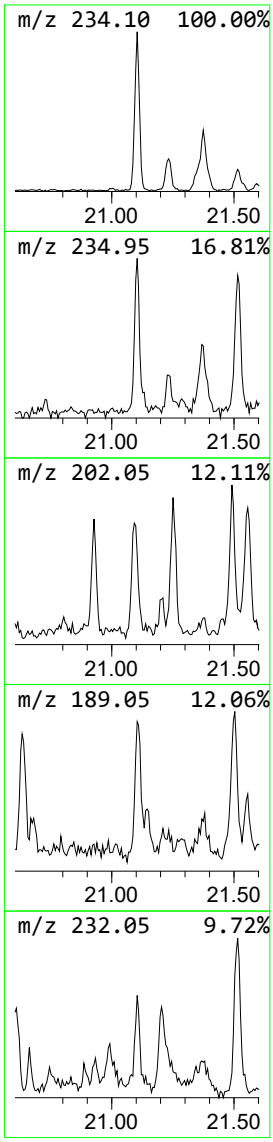
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.104	2.15 ng/ul	172515	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90





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Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

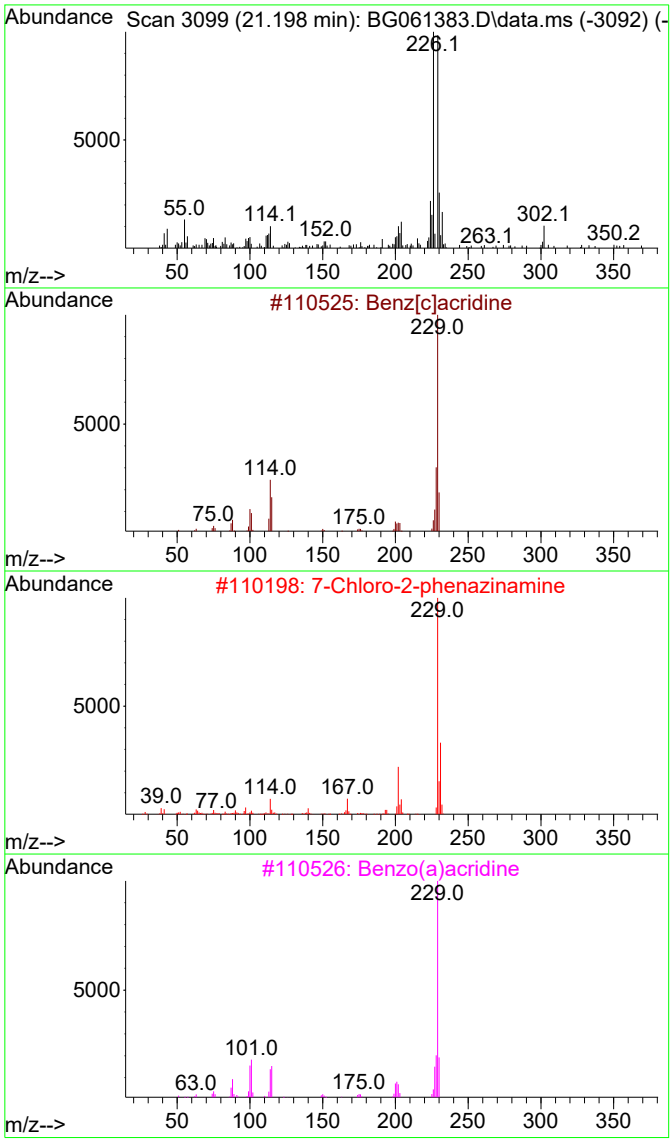
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

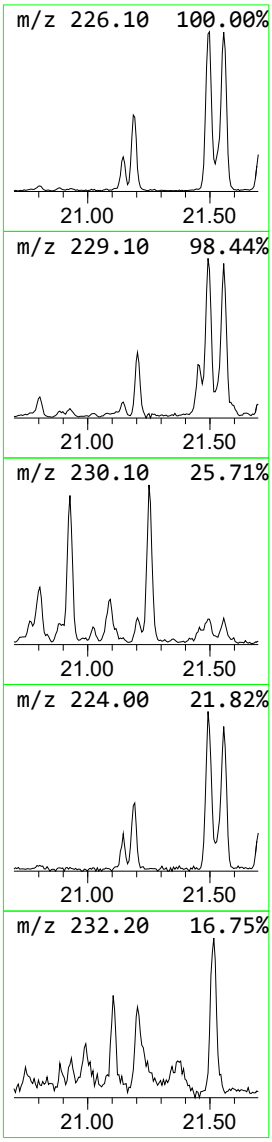
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	3.88 ng/ul	311663	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	41
2	7-Chloro-2-phenazinamine	229	C12H8ClN3	023677-11-4	38
3	Benzo(a)acridine	229	C17H11N	000225-11-6	35
4	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	27
5	Benzo(a)acridine	229	C17H11N	000225-11-6	27





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Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

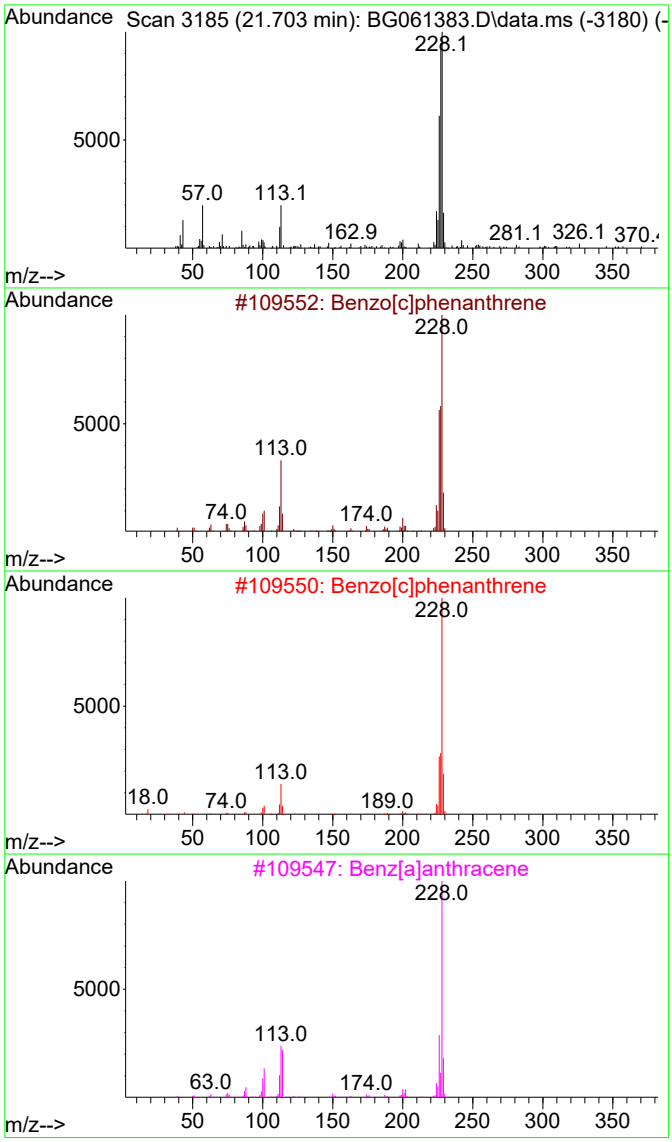
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

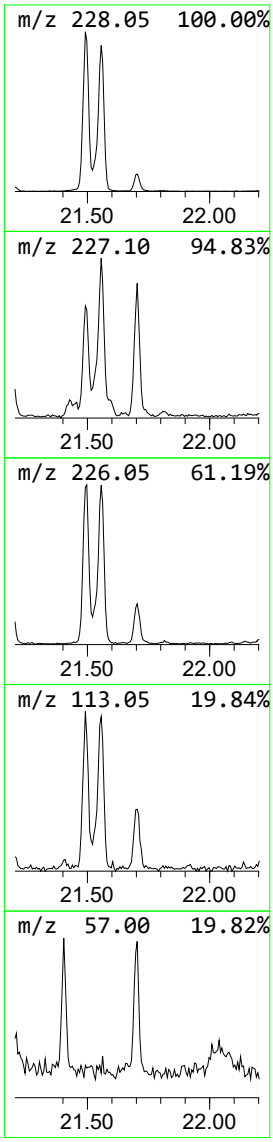
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[c]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.703	2.27 ng/ul	181958	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
3	Benz[a]anthracene	228	C18H12	000056-55-3	43
4	Chrysene	228	C18H12	000218-01-9	43
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	43





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Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

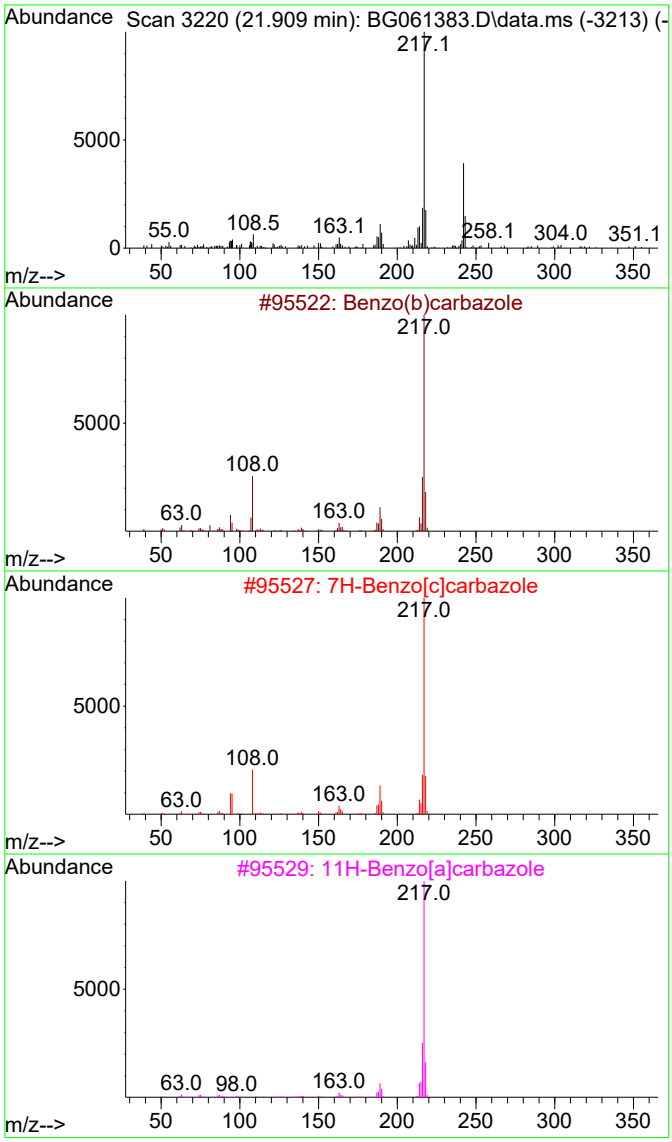
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

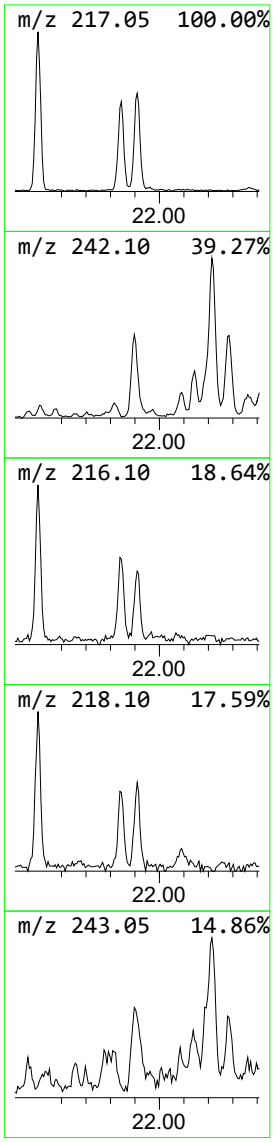
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo(b)carbazole Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.909	2.19 ng/ul	175881	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)carbazole	217	C16H11N	000243-28-7	83
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	83
3	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	58
4	Benzo(b)carbazole	217	C16H11N	000243-28-7	53
5	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	50





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Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

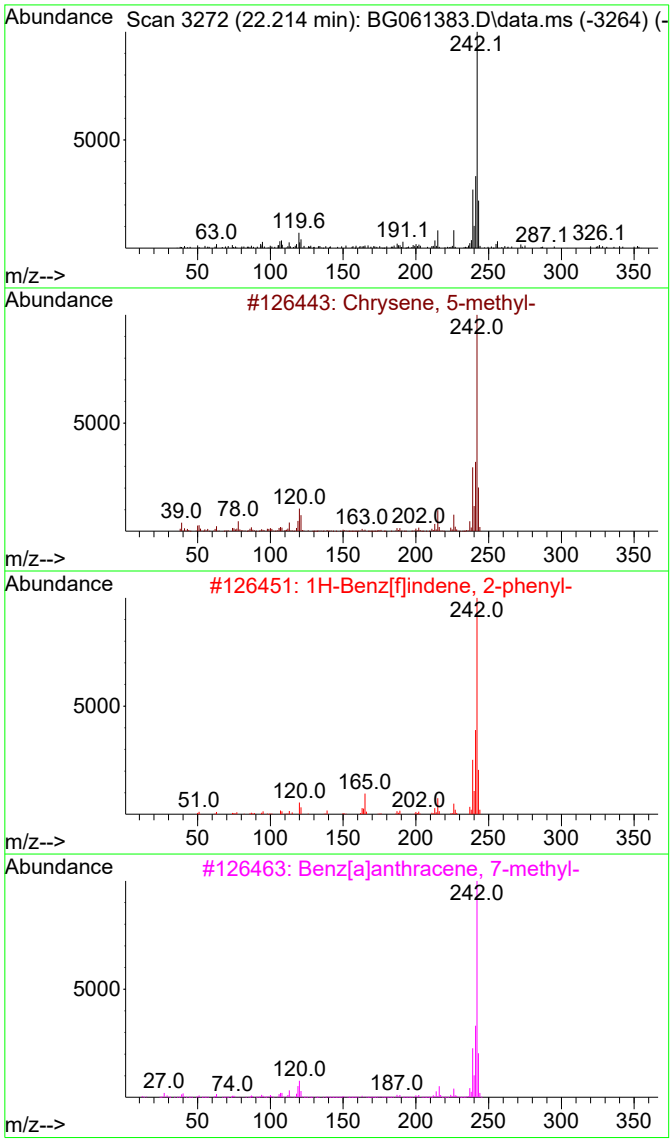
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

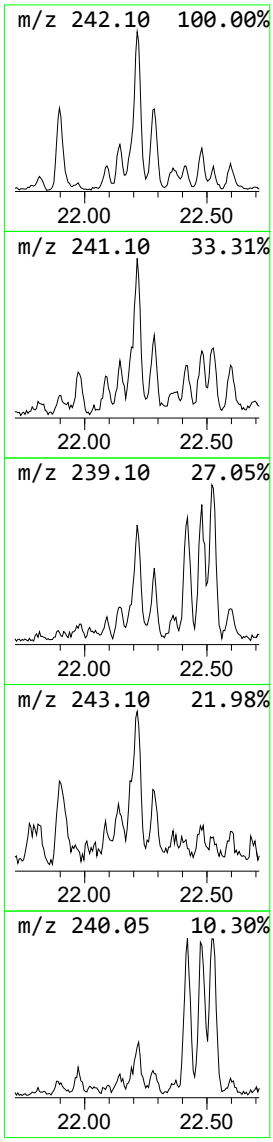
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Chrysene, 5-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.214	2.02 ng/ul	161744	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	90
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	81
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	76





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Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

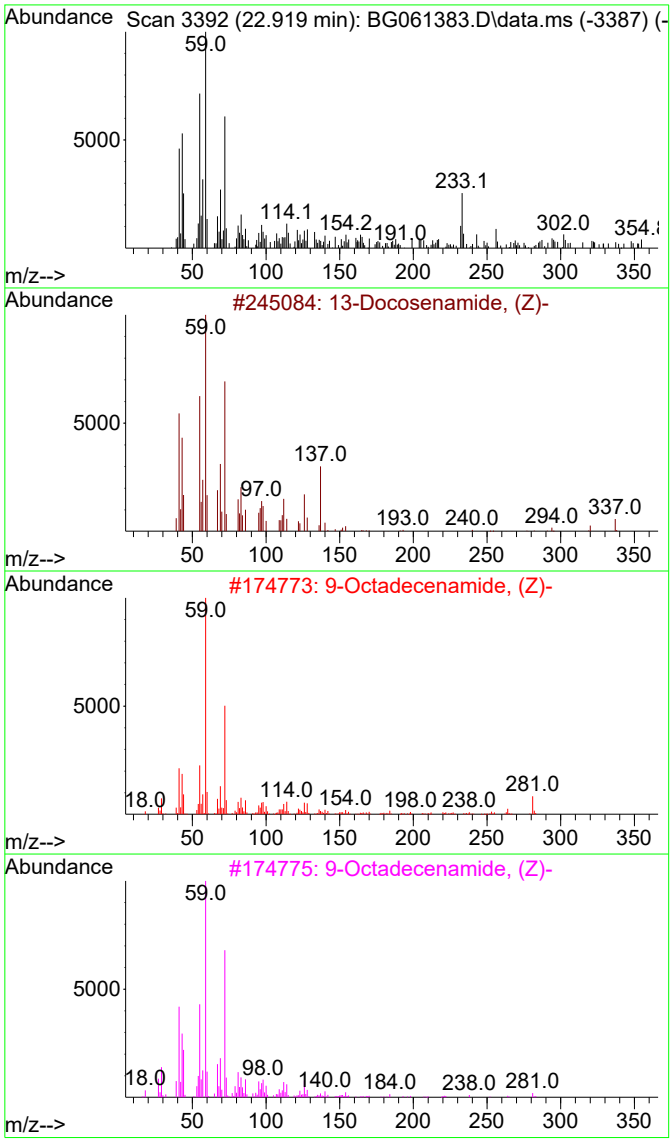
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

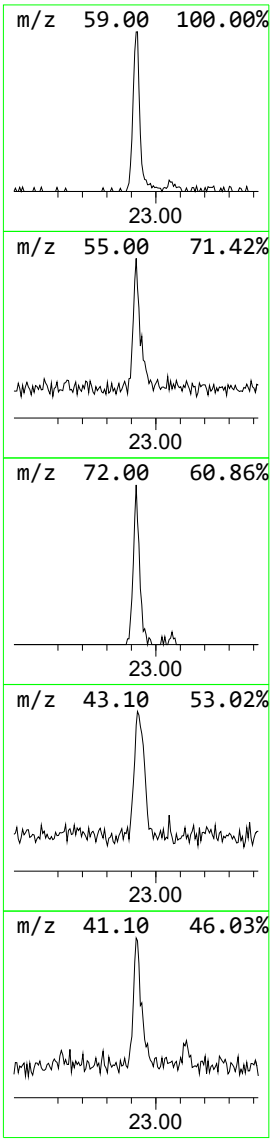
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 13-Docosenamide, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.919	2.93 ng/ul	234850	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	64
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
4	Octadecanamide	283	C18H37NO	000124-26-5	58
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

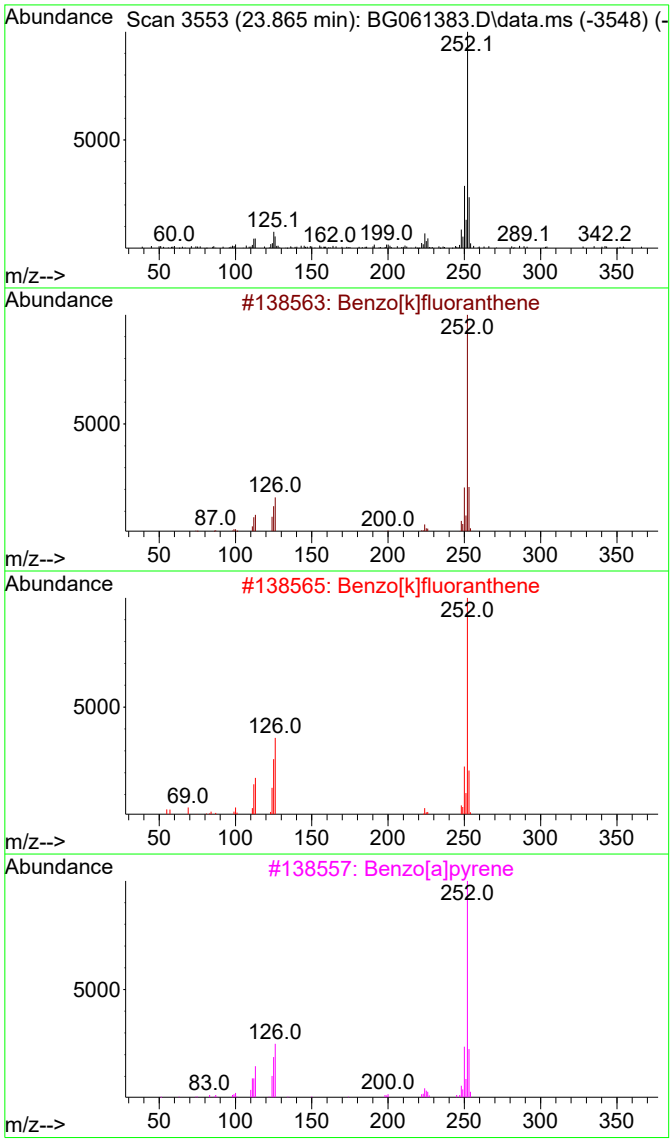
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

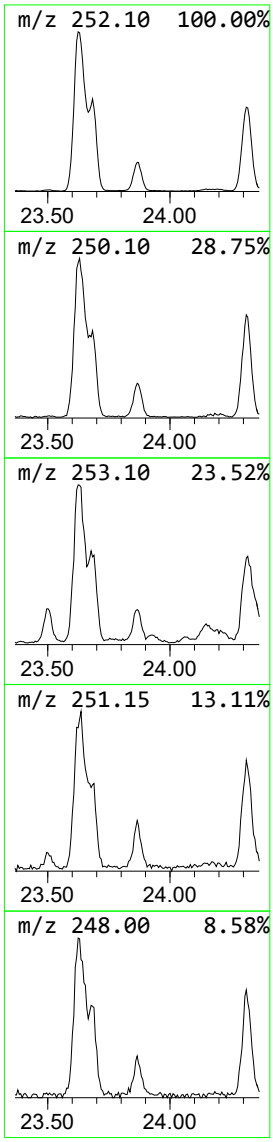
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.865	4.79 ng/ul	148833	Perylene-d12	24.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Perylene	252	C20H12	000198-55-0	76
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

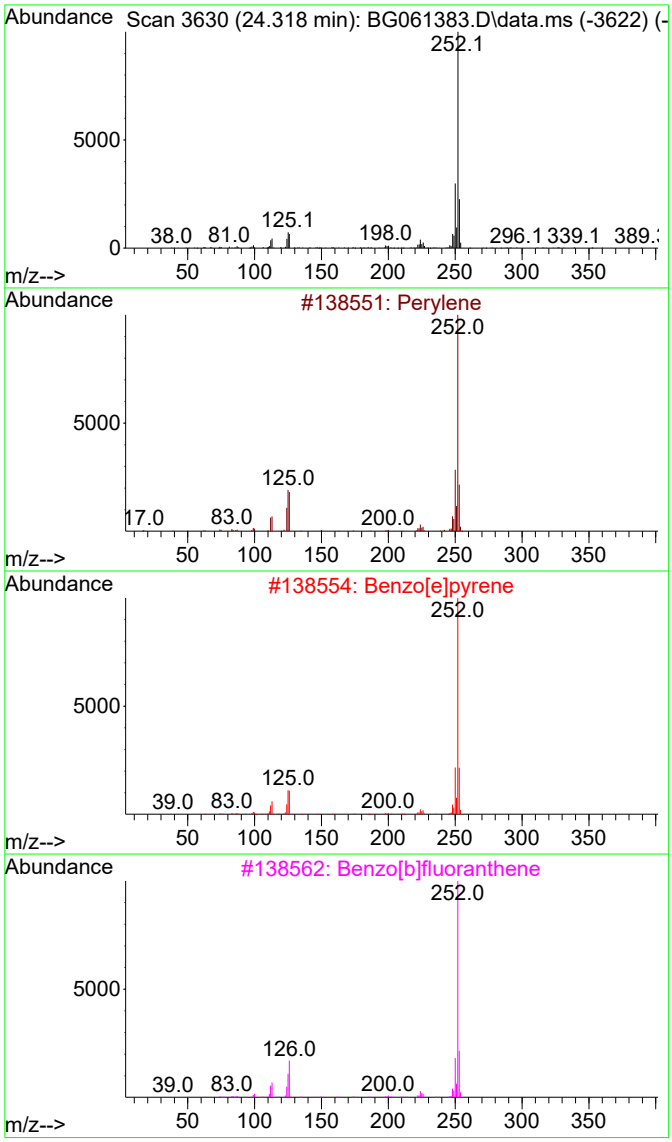
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

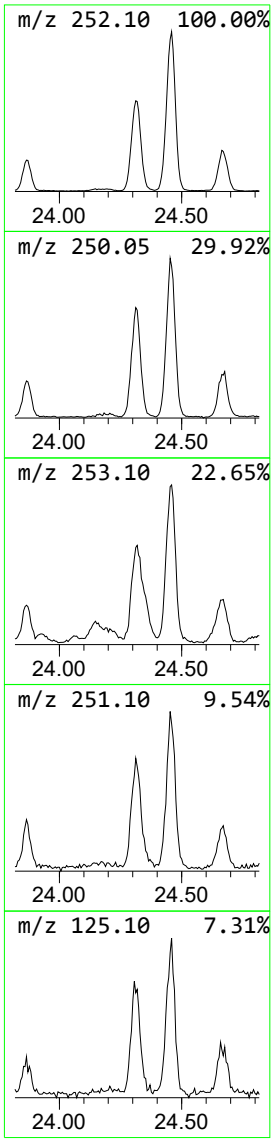
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.318	16.29 ng/ul	505884	Perylene-d12	24.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

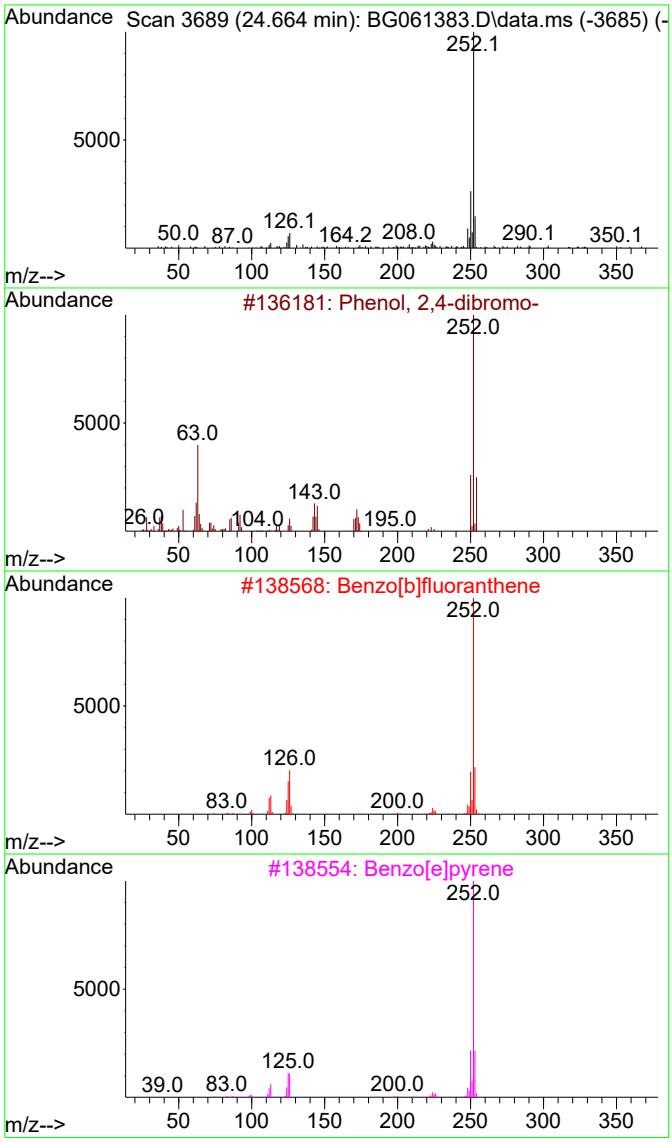
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

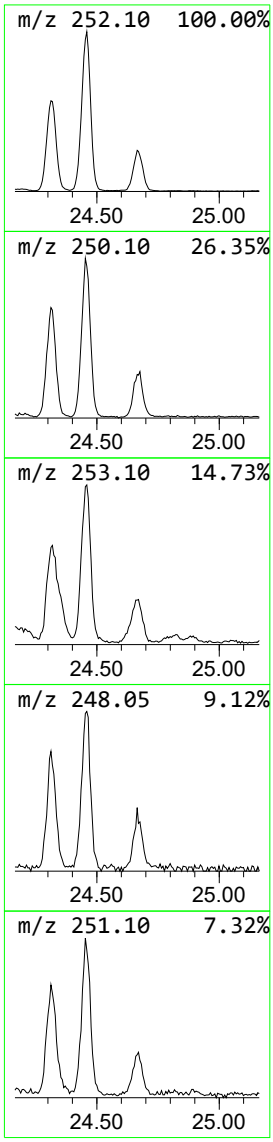
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Phenol, 2,4-dibromo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.664	5.36 ng/ul	166572	Perylene-d12	24.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-dibromo-	250	C6H4Br2O	000615-58-7	64
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	62
3	Benzo[e]pyrene	252	C20H12	000192-97-2	62
4	Benzo[a]pyrene	252	C20H12	000050-32-8	53
5	Perylene	252	C20H12	000198-55-0	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061383.D
Acq On : 31 May 2024 7:29
Operator : MA/JU
Sample : P2570-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C0

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...	3.078	51.7	ng/ul	465695	1	7.872	180171	20.0
Ethylene glycol...	10.440	4.9	ng/ul	60808	2	10.663	249006	20.0
9H-Fluoren-9-one	16.915	2.1	ng/ul	45507	4	17.256	439858	20.0
Dibenzothiophene	17.073	2.0	ng/ul	44296	4	17.256	439858	20.0
Phenanthrene, 1...	18.131	3.9	ng/ul	84737	4	17.256	439858	20.0
Phenanthrene, 2...	18.184	6.0	ng/ul	131140	4	17.256	439858	20.0
4H-Cyclopenta[d...	18.331	7.3	ng/ul	159605	4	17.256	439858	20.0
Anthracene, 1-m...	18.366	2.1	ng/ul	46629	4	17.256	439858	20.0
5,16[1',2']:8,1...	18.630	2.9	ng/ul	64407	4	17.256	439858	20.0
9,10-Anthracene...	18.677	3.9	ng/ul	85819	4	17.256	439858	20.0
9,10-Dimethylan...	19.047	3.3	ng/ul	73148	4	17.256	439858	20.0
Cyclopenta(def)...	19.194	3.5	ng/ul	76439	4	17.256	439858	20.0
11H-Benzo[b]flu...	20.176	2.8	ng/ul	222600	5	21.515	1605160	20.0
Benzo[b]naphtho...	21.104	2.1	ng/ul	172515	5	21.515	1605160	20.0
unknown-01	21.198	3.9	ng/ul	311663	5	21.515	1605160	20.0
Benzo[c]phenant...	21.703	2.3	ng/ul	181958	5	21.515	1605160	20.0
Benzo(b)carbazole	21.909	2.2	ng/ul	175881	5	21.515	1605160	20.0
Chrysene, 5-met...	22.214	2.0	ng/ul	161744	5	21.515	1605160	20.0
13-Docosenamide...	22.919	2.9	ng/ul	234850	5	21.515	1605160	20.0
Perylene	23.865	4.8	ng/ul	148833	6	24.600	621233	20.0
Benzo[e]pyrene	24.318	16.3	ng/ul	505884	6	24.600	621233	20.0
Phenol, 2,4-dib...	24.664	5.4	ng/ul	166572	6	24.600	621233	20.0