LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058367.D
Acq On : 20 Jul 2023 20:24
Operator : CG/JU
Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W5DL2

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-BG071723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG058367.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.125	3	6	20	rVB2	109106	184181	8.04%	0.805%
2	4.635	259	263	269	rVB	17533	27372	1.19%	0.120%
3	7.896	811	818	828	rVB	164132	273150	11.92%	1.194%
4	10.698	1285	1295	1303	rBV	252373	456162	19.90%	1.994%
5	13.936	1837	1846	1851	rBV2	18407	27915	1.22%	0.122%
6	14.535	1939	1948	1954	rBV	450072	713910	31.14%	3.121%
7	14.594	1954	1958	1965	rVV	124311	193100	8.42%	0.844%
8	14.929	2010	2015	2024	rBV	85706	143687	6.27%	0.628%
9	15.522	2109	2116	2120	rBV2	28390	42907	1.87%	0.188%
10	15.581	2120	2126	2135	rVV	271769	417947	18.23%	1.827%
11	15.704	2144	2147	2150	rVV	22861	33836	1.48%	0.148%
12	15.740	2150	2153	2157	rVV2	33971	55380	2.42%	0.242%
13	15.781	2157	2160	2165	rVV2	43538	67206	2.93%	0.294%
14	15.828	2165	2168	2171	rVV	19888	29223	1.27%	0.128%
15	15.869	2171	2175	2184	rVB2	38054	66281	2.89%	0.290%
16	16.016	2195	2200	2209	rBV	47549	98071	4.28%	0.429%
17	16.374	2253	2261	2268	rBV3	33041	54159	2.36%	0.237%
18	16.503	2279	2283	2286	rBV3	18497	25973	1.13%	0.114%
19	16.580	2286	2296	2301	rVB3	43433	89952	3.92%	0.393%
20	16.633	2301	2305	2310	rVB4	18797	27532	1.20%	0.120%
21	16.733	2316	2322	2327	rVB2	22878	38951	1.70%	0.170%
22	16.809	2327	2335	2338	rBV4	22378	48032	2.10%	0.210%
23	17.009	2362	2369	2370	rBV2	23720	34230	1.49%	0.150%
24	17.097	2380	2384	2391	rVB	70421	106911	4.66%	0.467%
25	17.279	2408	2415	2418	rBV	585948	906849	39.56%	3.964%
26	17.320	2418	2422	2428	rVV	1479691	2292229	100.00%	10.020%
27	17.408	2428	2437	2443	rVV	457259	809040	35.29%	3.537%
28	17.467	2443	2447	2458	rVB	92729	157240	6.86%	0.687%
29	17.655	2471	2479	2480	rBV	48775	61959	2.70%	0.271%
30	17.679	2481	2483	2489	rVB	47605	63685	2.78%	0.278%
31	17.796	2499	2503	2509	rVB2	26682	41309	1.80%	0.181%
32	17.861	2509	2514	2523	rVB5	31640	62704	2.74%	0.274%
33	17.996	2533	2537	2547	rVB3	16389	36307	1.58%	0.159%
34	18.154	2554	2564	2568	rBV	177350	298926	13.04%	1.307%
35	18.201	2568	2572	2578	rVB	252393	366570	15.99%	1.602%
36	18.284	2578	2586	2591	rBV	113958	181278	7.91%	0.792%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058367.D
Acq On : 20 Jul 2023 20:24
Operator : CG/JU
Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46W5DL2

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-BG071723.MA.M
Title : SVOA CALIBRATION

37	18.354	2591	2598	2601	rBV2	290162	503813	21.98%	2.202%
38	18.384	2601	2603	2610	rVB2	105552	133663	5.83%	0.584%
39	18.454	2610	2615	2619	rBV4	18728	27824	1.21%	0.122%
40	18.495	2619	2622	2626	rBV3	21181	30278	1.32%	0.132%
41	18.648	2643	2648	2654	rBV	142227	206034	8.99%	0.901%
42	18.777	2665	2670	2673	rBV	19751	23782	1.04%	0.104%
43	18.895	2683	2690	2694	rBV3	46473	75286	3.28%	0.329%
44	18.948	2694	2699	2702	rBV	27559	46796	2.04%	0.205%
45	18.983	2702	2705	2709	rVB2	30315	40174	1.75%	0.176%
46	19.065	2713	2719	2724	rBV2	61317	105968	4.62%	0.463%
47	19.136	2724	2731	2734	rBV3	36115	64848	2.83%	0.283%
48	19.206	2739	2743	2745	rBV	22184	32063	1.40%	0.140%
49	19.335	2758	2765	2771	rBV	1535499	2188394	95.47%	9.566%
50	19.388	2771	2774	2777	rVV	23249	31414	1.37%	0.137%
51	19.429	2777	2781	2785	rVB	44437	53964	2.35%	0.236%
52	19.518	2792	2796	2799	rBV4	15740	23108	1.01%	0.101%
53	19.576	2803	2806	2810	rVB2	41777	47195	2.06%	0.206%
54	19.664	2815	2821	2824	rBV2	379886	632162	27.58%	2.763%
55	19.694	2824	2826	2834	rVV	237114	368084	16.06%	1.609%
56	19.764	2834	2838	2844	rVB	86417	127647	5.57%	0.558%
57	19.870	2844	2856	2862	rBV	118588	206902	9.03%	0.904%
58	19.935	2862	2867	2875	rVB	97134	148464	6.48%	0.649%
59	20.017	2875	2881	2889	rBV3	88190	218392	9.53%	0.955%
60	20.146	2896	2903	2905	rBV3	64270	118616	5.17%	0.519%
61	20.187	2905	2910	2915	rVB	414970	576573	25.15%	2.520%
62	20.229	2915	2917	2921	rVB4	18761	23843	1.04%	0.104%
63	20.287	2921	2927	2931	rBV	432988	632063	27.57%	2.763%
64	20.328	2931	2934	2940	rVV4	69795	157535	6.87%	0.689%
65	20.381	2940	2943	2947	rVV	56957	66816	2.91%	0.292%
66	20.422	2947	2950	2955	rVB3	45957	60200	2.63%	0.263%
67	20.528	2963	2968	2971	rBV3	33936	53321	2.33%	0.233%
68	20.622	2980	2984	2992	rVB5	51342	79921	3.49%	0.349%
69	20.704	2992	2998	3003	rBV	95587	161913	7.06%	0.708%
70	20.775	3007	3010	3013	rVV4	50298	78232	3.41%	0.342%
71	20.804	3013	3015	3020	rVV3	49015	79450	3.47%	0.347%
72	20.892	3026	3030	3036	rVV2	59507	115139	5.02%	0.503%
73	20.945	3036	3039	3044	rVB4	35185	56893	2.48%	0.249%
74	21.122	3064	3069	3072	rBV	77396	121036	5.28%	0.529%
75	21.163	3072	3076	3080	rVV	94721	142758	6.23%	0.624%
76	21.216	3080	3085	3090	rVV2	68711	104121	4.54%	0.455%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058367.D
Acq On : 20 Jul 2023 20:24
Operator : CG/JU
Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W5DL2

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-BG071723.MA.M
Title : SVOA CALIBRATION

77	21.404	3111	3117	3121	rBV3	22078	43009	1.88%	0.188%
78	21.515	3130	3136	3143	rBV3	753048	1869371	81.55%	8.172%
79	21.574	3143	3146	3157	rVB	448639	724770	31.62%	3.168%
80	21.721	3166	3171	3176	rBV4	22799	44941	1.96%	0.196%
81	21.791	3179	3183	3188	rBV4	21464	40457	1.76%	0.177%
82	22.167	3243	3247	3251	rVV3	24501	35664	1.56%	0.156%
83	22.238	3251	3259	3264	rVV	105336	245233	10.70%	1.072%
84	22.297	3267	3269	3278	rVB3	70684	139837	6.10%	0.611%
85	22.397	3282	3286	3290	rVV3	23032	48808	2.13%	0.213%
86	22.444	3290	3294	3300	rVV3	55421	111877	4.88%	0.489%
87	22.502	3300	3304	3307	rVV3	40947	74975	3.27%	0.328%
88	22.543	3309	3311	3321	rVB4	65691	116667	5.09%	0.510%
89	22.643	3322	3328	3334	rVB4	31575	70640	3.08%	0.309%
90	22.961	3379	3382	3392	rVB7	40871	88071	3.84%	0.385%
91	23.313	3436	3442	3450	rBV3	30605	77437	3.38%	0.339%
92	23.542	3477	3481	3488	rVB2	24577	52754	2.30%	0.231%
93	23.666	3494	3502	3509	rBV2	226842	718866	31.36%	3.142%
94	23.730	3509	3513	3523	rVB2	178826	392521	17.12%	1.716%
95	23.912	3539	3544	3553	rVB	29745	66998	2.92%	0.293%
96	24.118	3572	3579	3581	rBV3	23824	52020	2.27%	0.227%
97	24.506	3640	3645	3658	rVB5	31390	109542	4.78%	0.479%
98	24.659	3661	3671	3682	rBV	386945	1100807	48.02%	4.812%
99	25.728	3848	3853	3854	rBV5	29006	36394	1.59%	0.159%
100	27.044	4069	4077	4088	rVB3	34509	115673	5.05%	0.506%

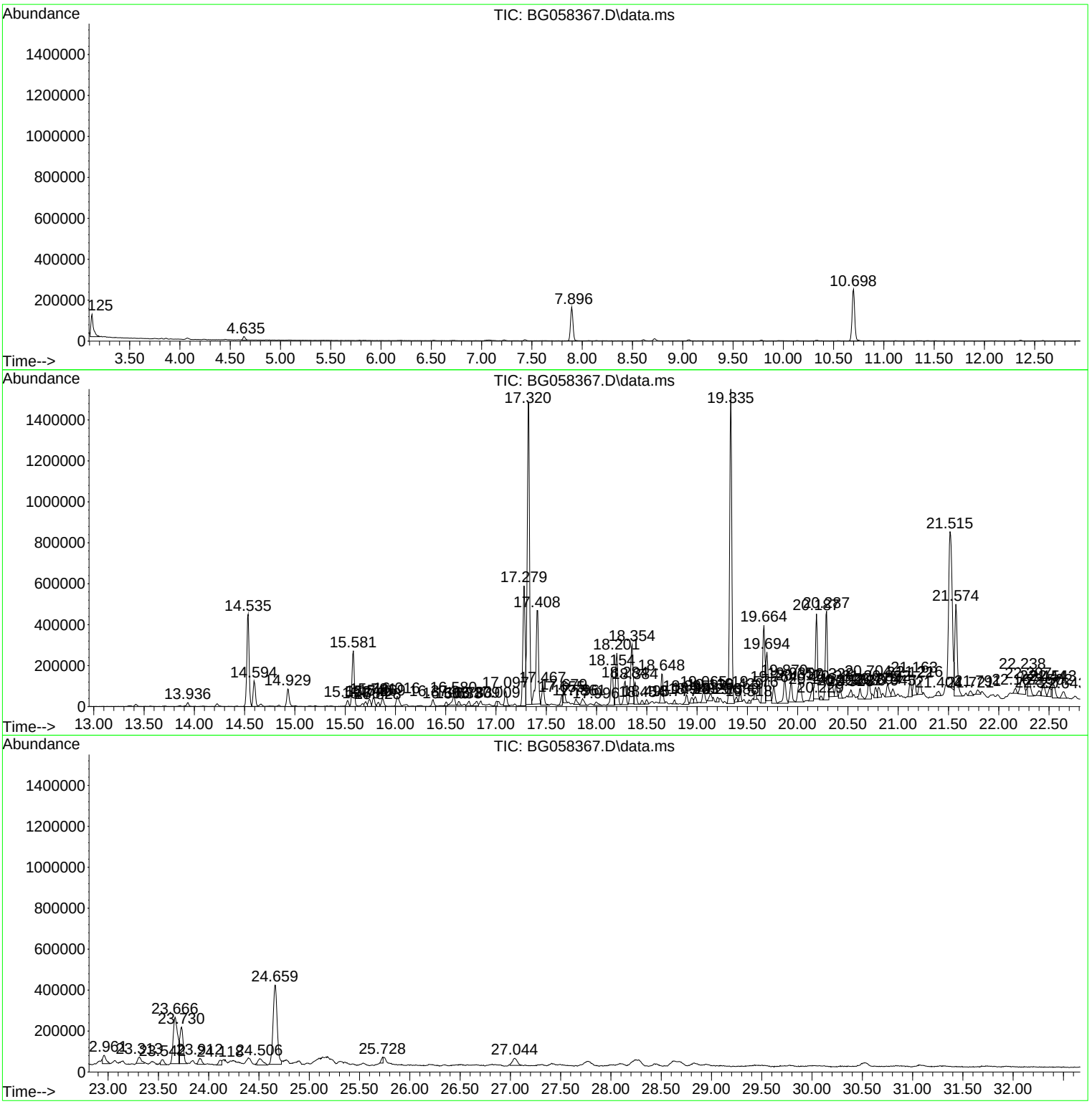
Sum of corrected areas: 22876181

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058367.D
Acq On : 20 Jul 2023 20:24
Operator : CG/JU
Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W5DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.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\BG071823\
Data File : BG058367.D
Acq On : 20 Jul 2023 20:24
Operator : CG/JU
Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W5DL2

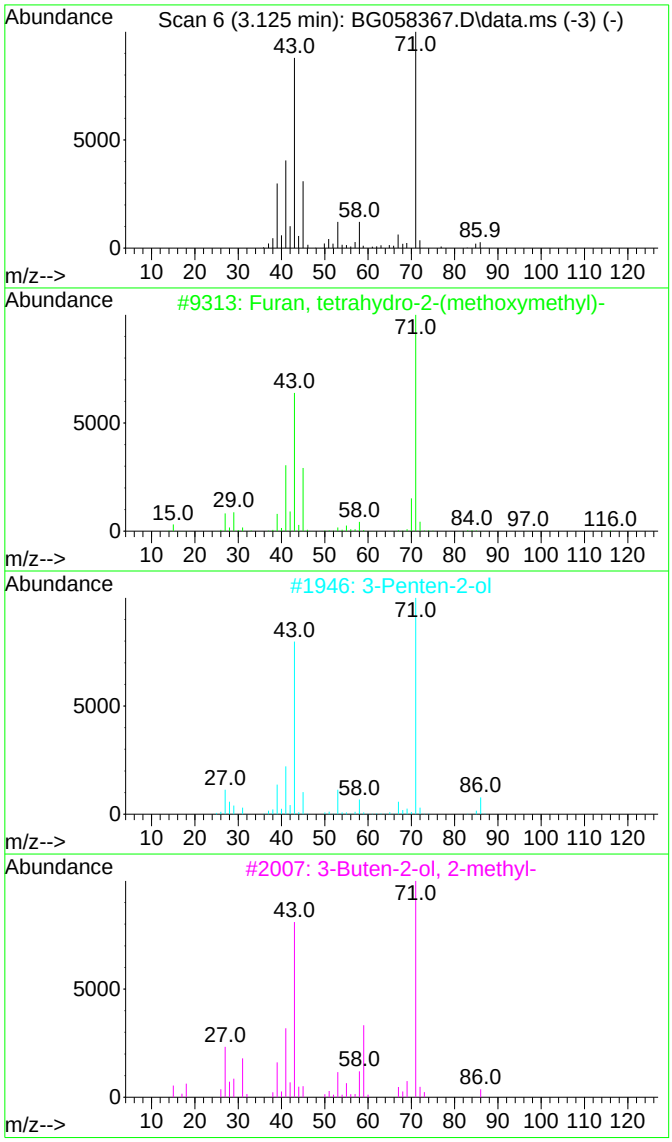
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

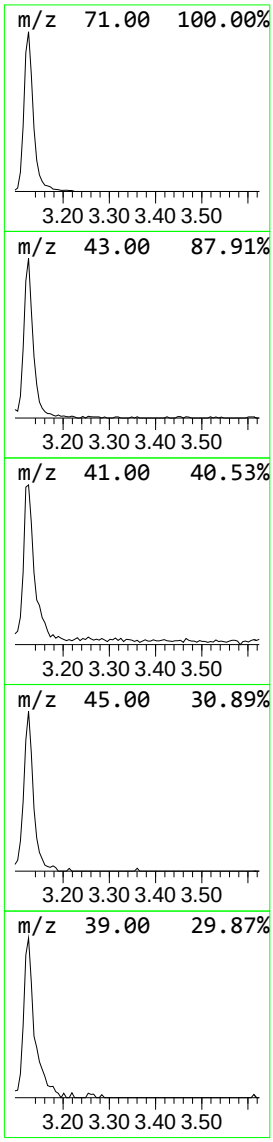
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Furan, tetrahydro-2-(methox... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.125	13.49 ng/ul	184181	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	78
2	3-Penten-2-ol	86	C5H10O	001569-50-2	72
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	72
4	3-Penten-2-ol	86	C5H10O	001569-50-2	56
5	2-Oxo-n-valeric acid	116	C5H8O3	001821-02-9	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058367.D
Acq On : 20 Jul 2023 20:24
Operator : CG/JU
Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W5DL2

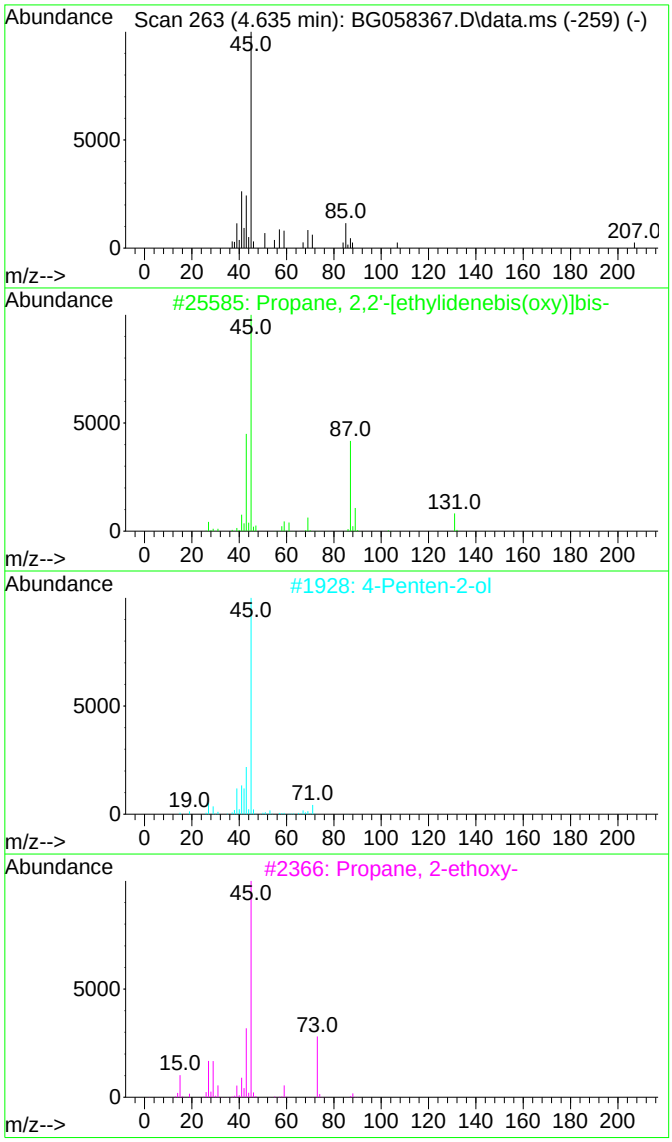
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

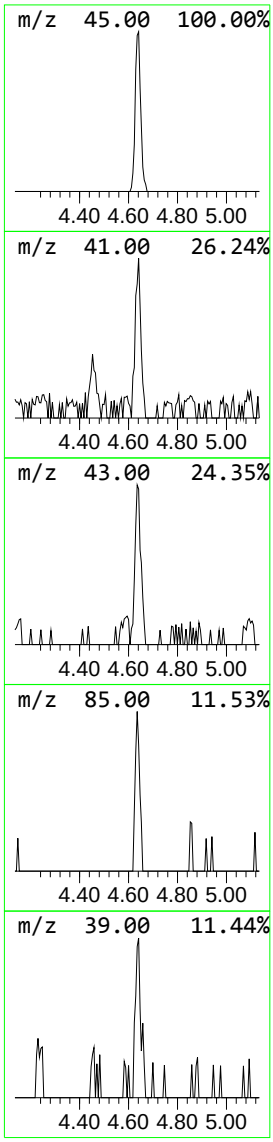
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Propane, 2,2'-[ethylidenebi... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.635	2.00 ng/ul	27372	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2'-[ethylidenebis(oxy...	146	C8H18O2	004285-59-0	50
2	4-Penten-2-ol	86	C5H10O	000625-31-0	45
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	45
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	45
5	2-Hexanol	102	C6H14O	000626-93-7	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058367.D
Acq On : 20 Jul 2023 20:24
Operator : CG/JU
Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W5DL2

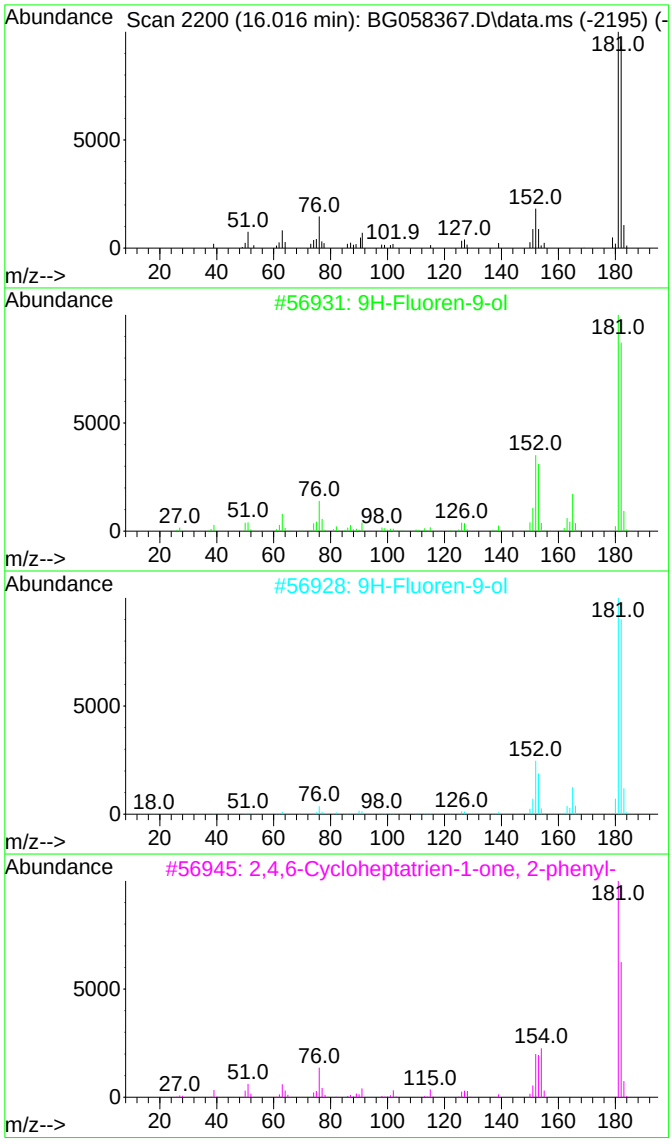
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

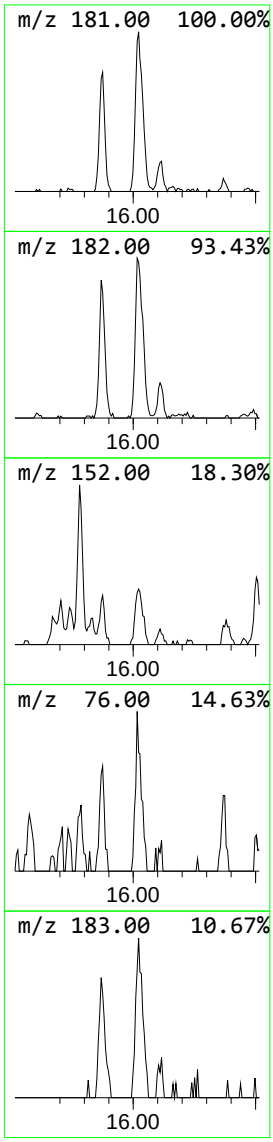
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluoren-9-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.016	2.16 ng/ul	98071	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058367.D
Acq On : 20 Jul 2023 20:24
Operator : CG/JU
Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W5DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

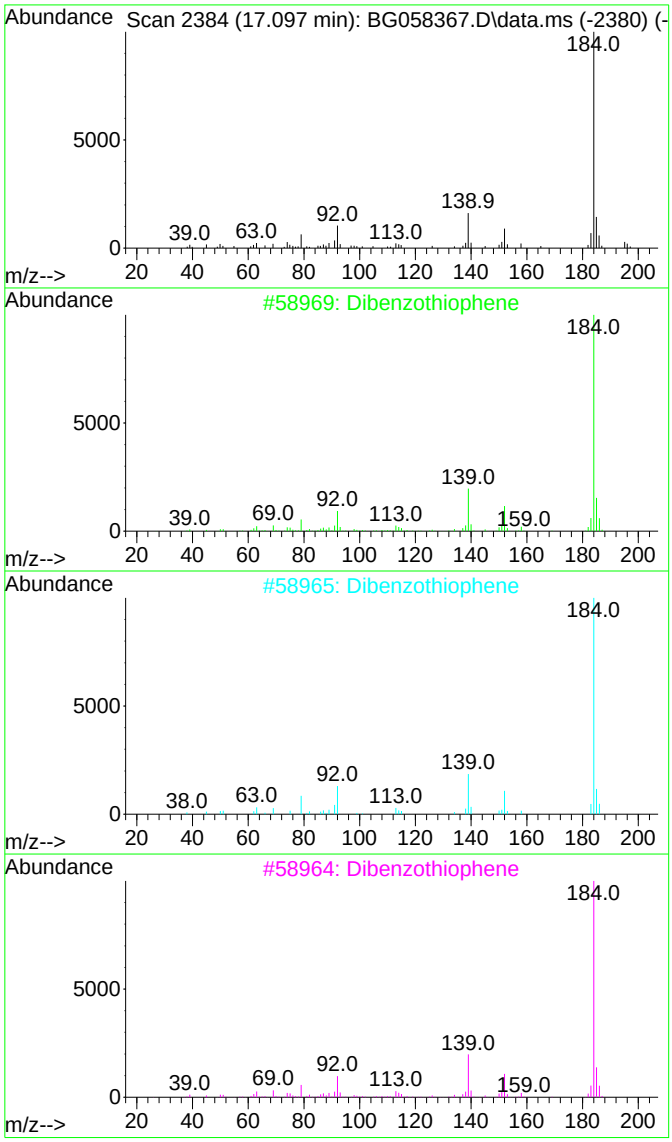
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

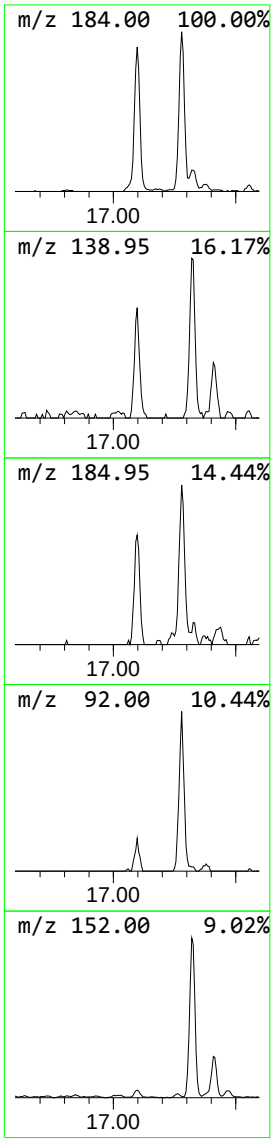
****

Peak Number 4 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.097	2.36 ng/ul	106911	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	97
4	Dibenzothiophene	184	C12H8S	000132-65-0	97
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058367.D
Acq On : 20 Jul 2023 20:24
Operator : CG/JU
Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W5DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

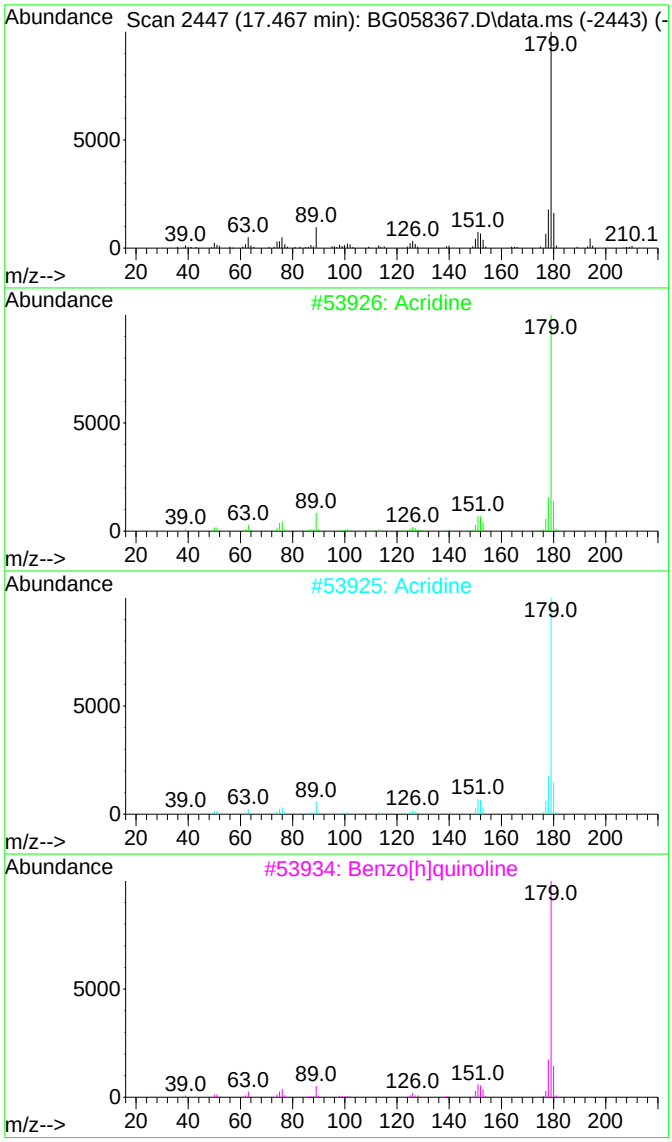
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

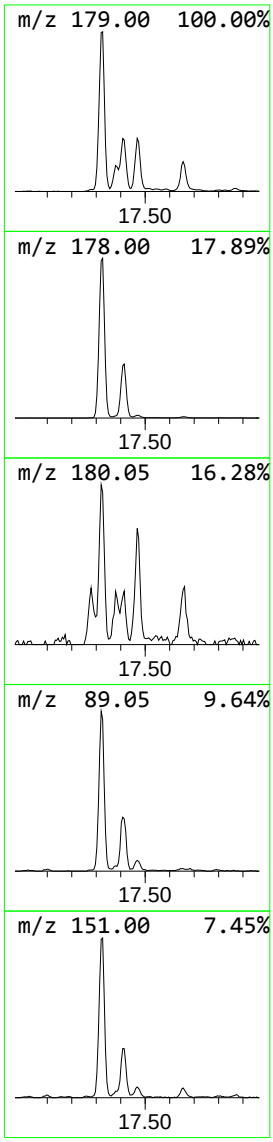
****

Peak Number 5 Acridine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.467	3.47 ng/ul	157240	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	95
2	Acridine	179	C13H9N	000260-94-6	95
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	93
4	9H-Fluoren-9-imine	179	C13H9N	004440-33-9	93
5	Acridine	179	C13H9N	000260-94-6	91





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Acq On : 20 Jul 2023 20:24
Operator : CG/JU
Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W5DL2

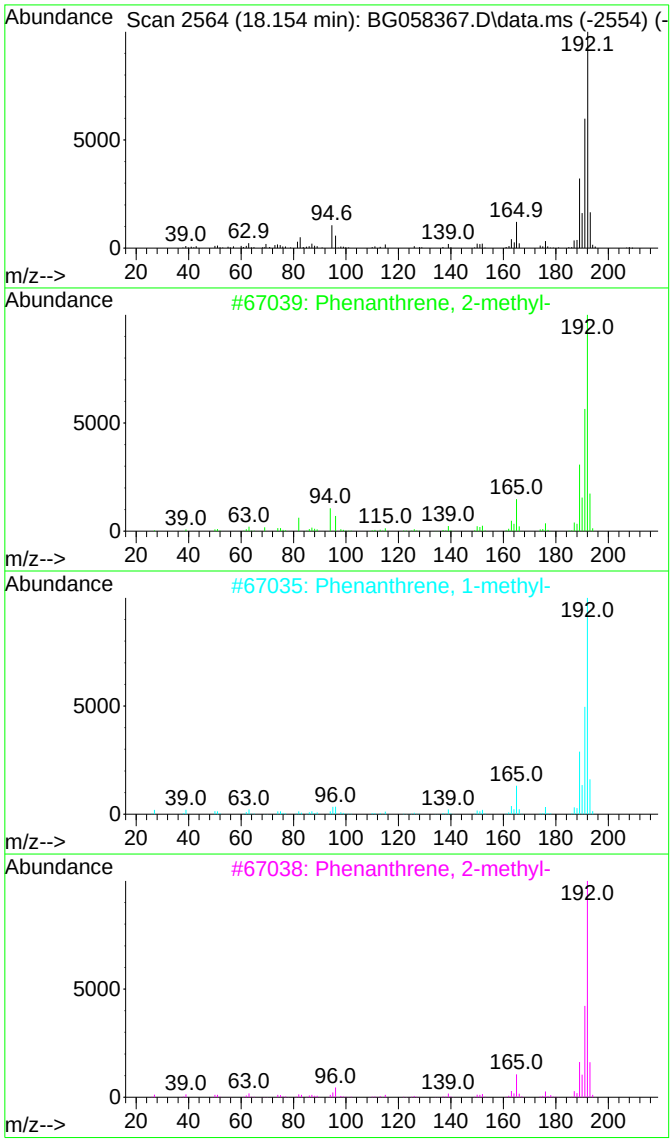
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

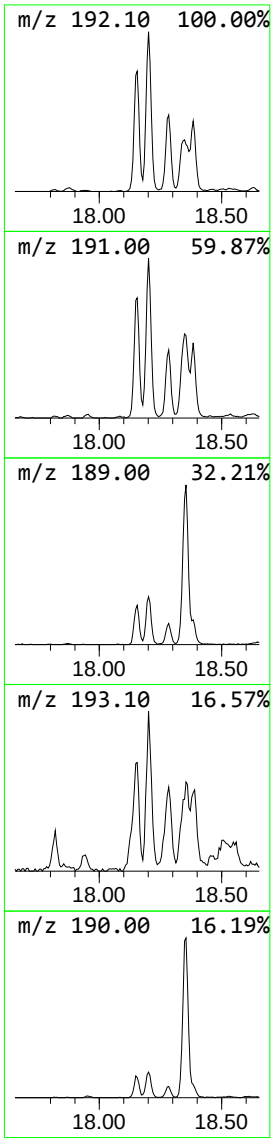
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.154	6.59 ng/ul	298926	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W5DL2

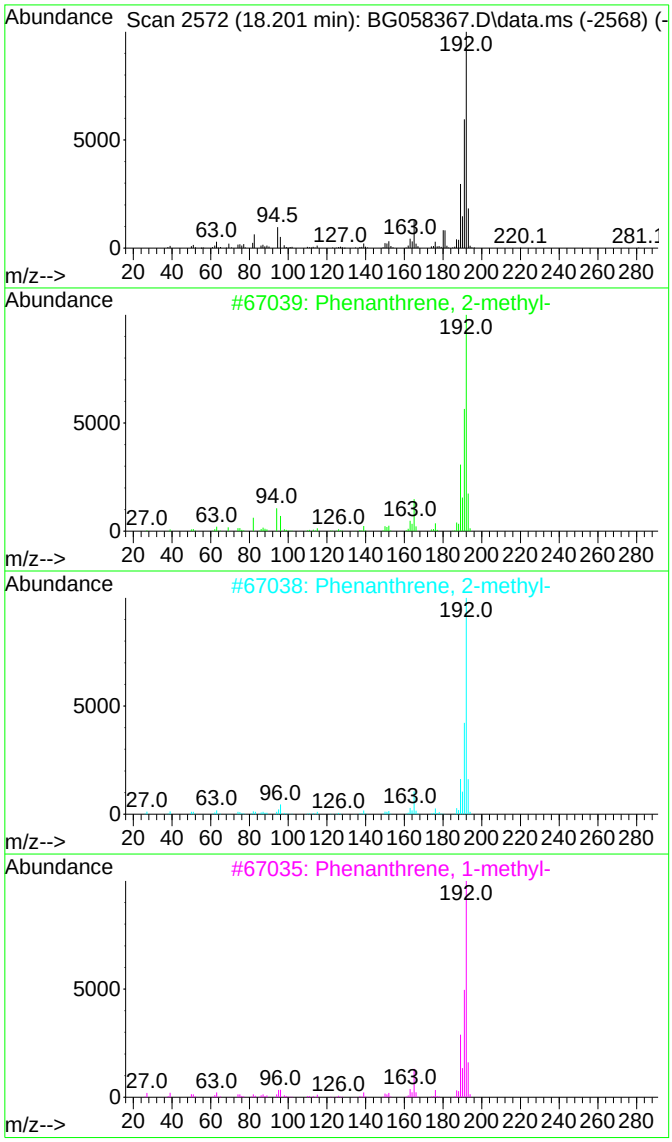
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

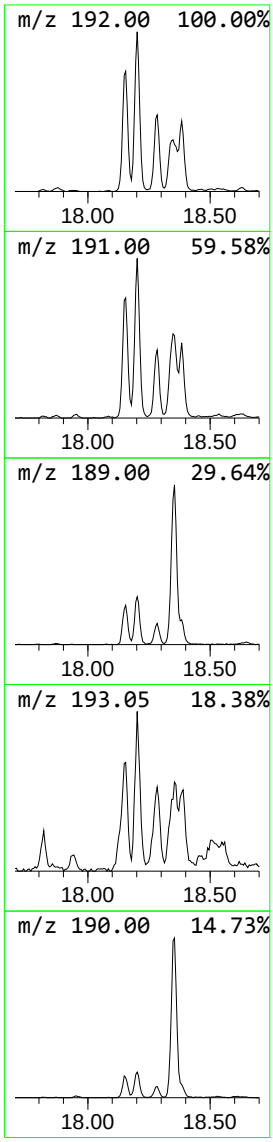
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.201	8.08 ng/ul	366570	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Operator : CG/JU
Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A46W5DL2

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Quant Title : SVOA CALIBRATION

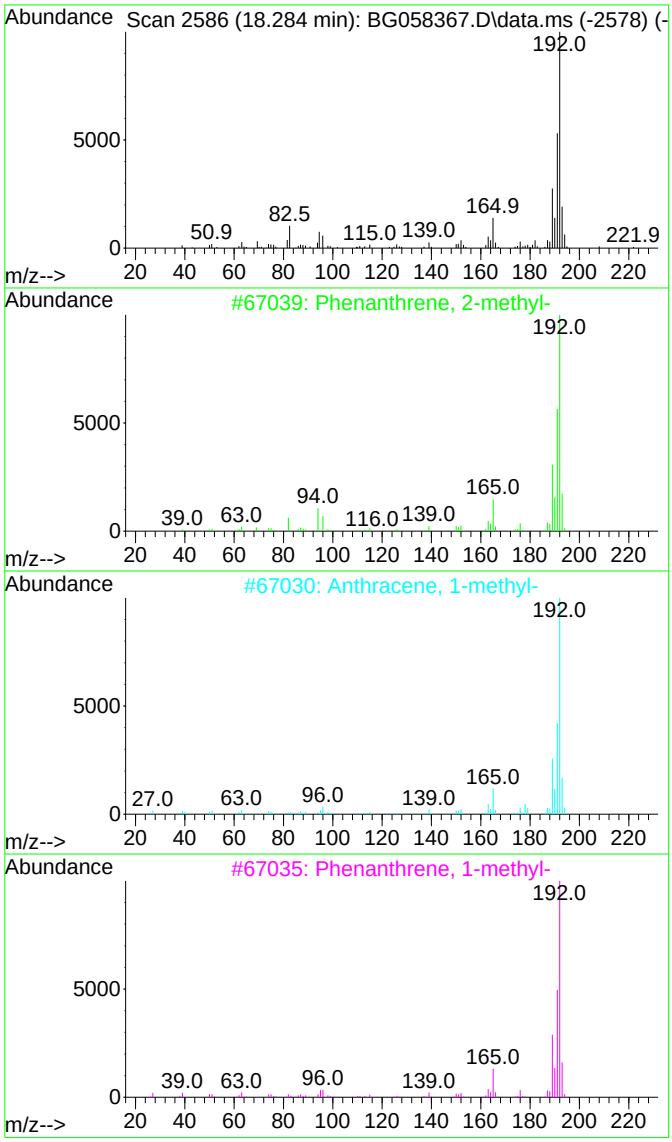
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

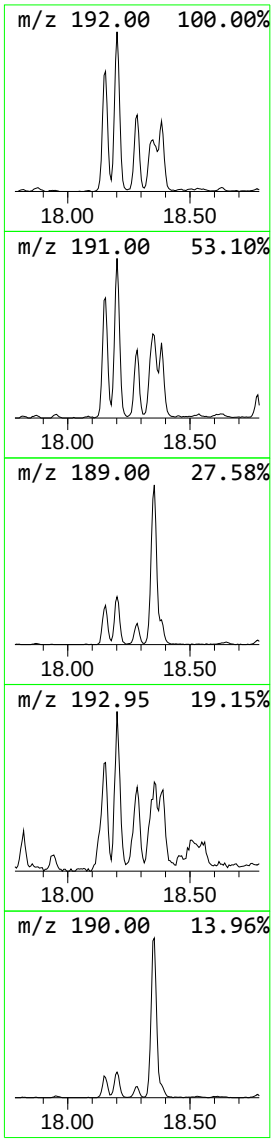
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.284	4.00 ng/ul	181278	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Operator : CG/JU
Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W5DL2

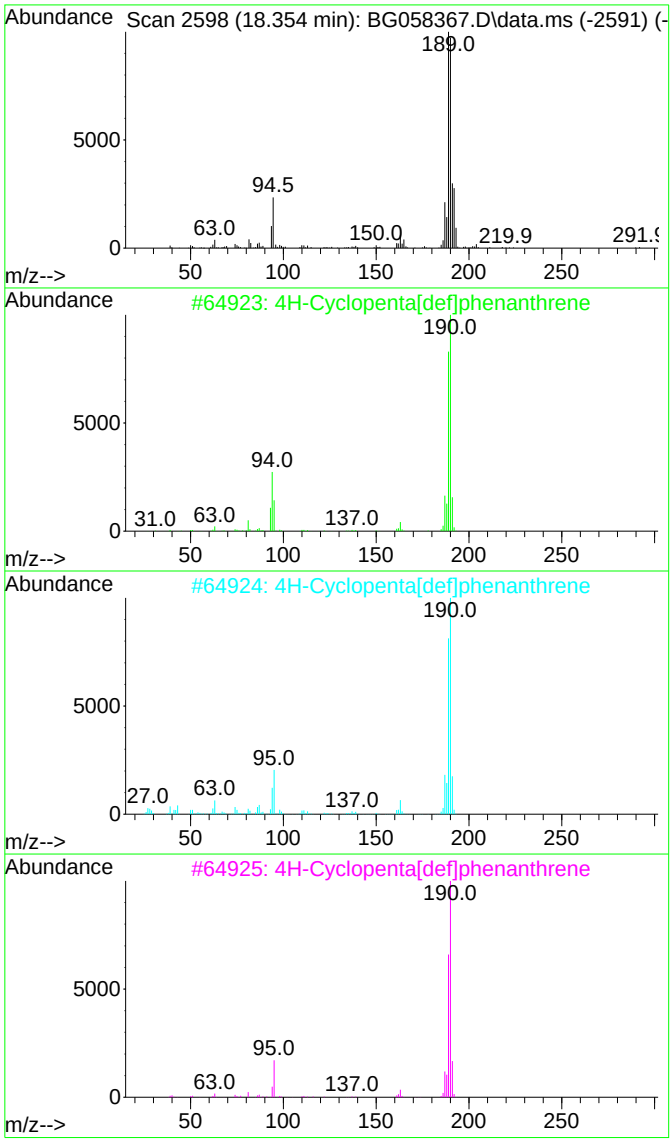
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

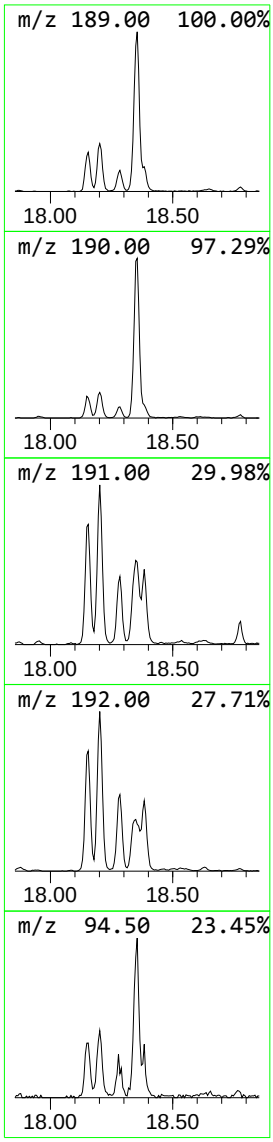
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.354	11.11 ng/ul	503813	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	49
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45





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Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

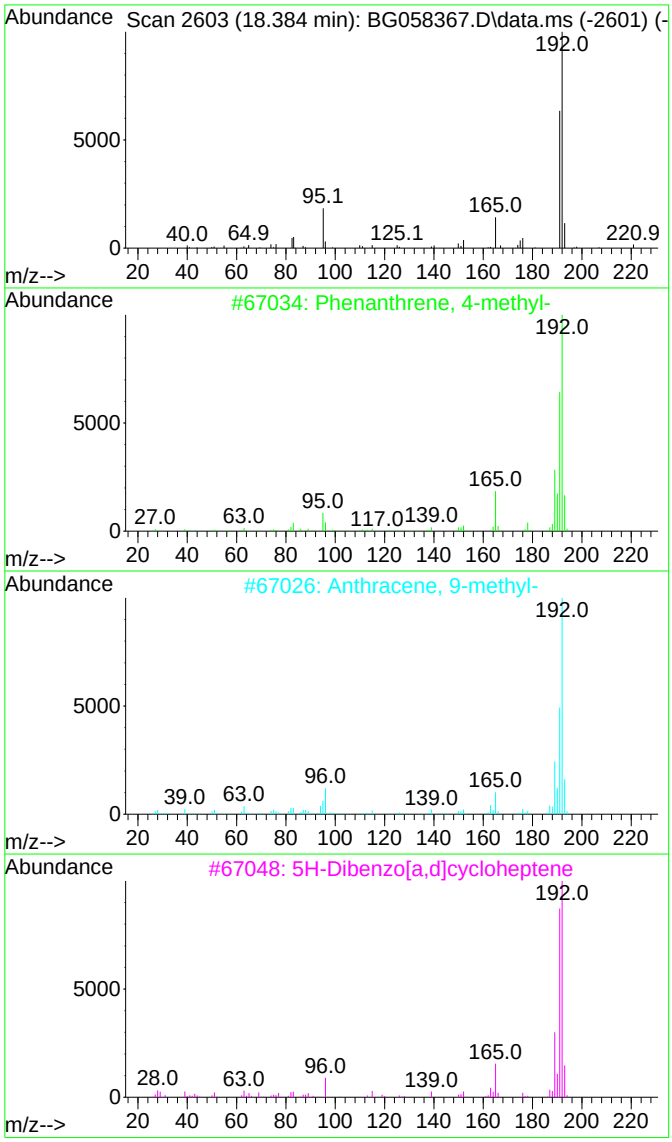
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

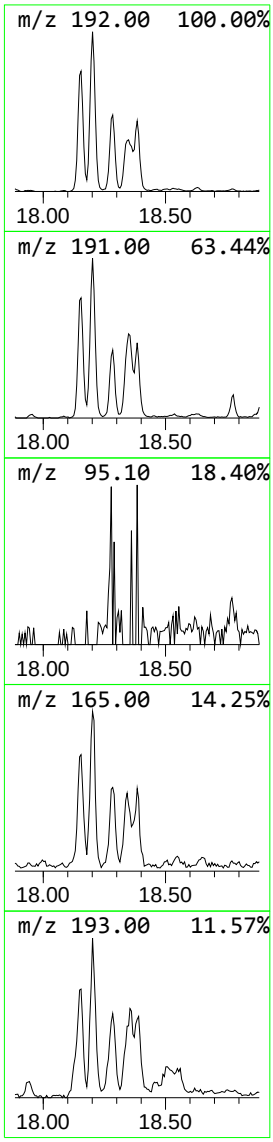
****

Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.384	2.95 ng/ul	133663	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	72
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	72
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72





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Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

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ClientSampleId :
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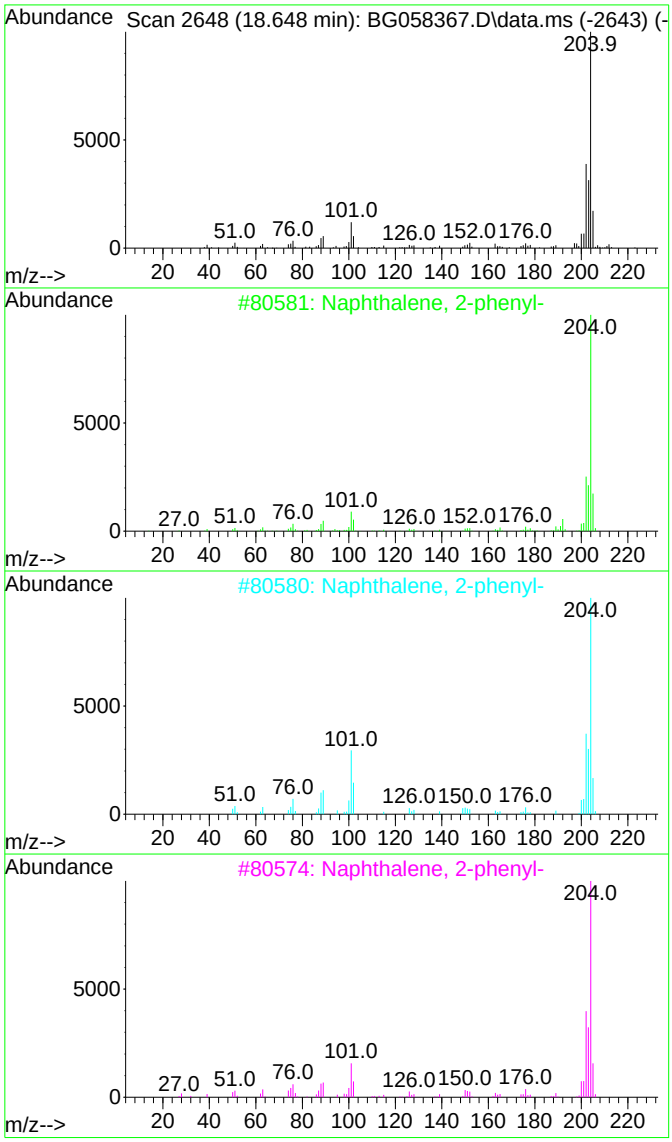
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

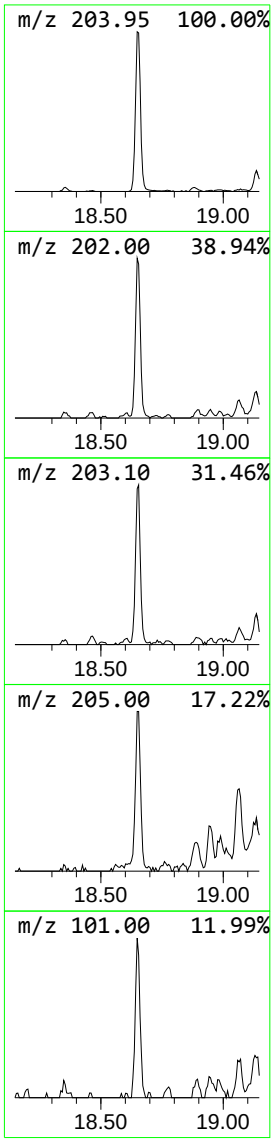
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.648	4.54 ng/ul	206034	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78





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Operator : CG/JU
Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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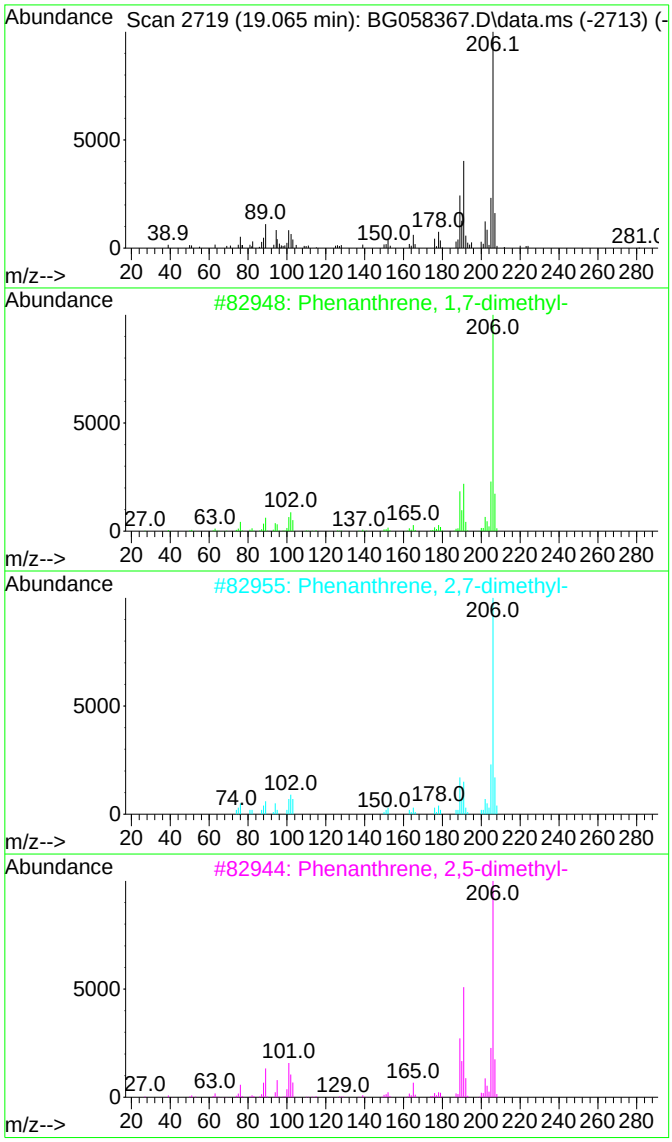
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

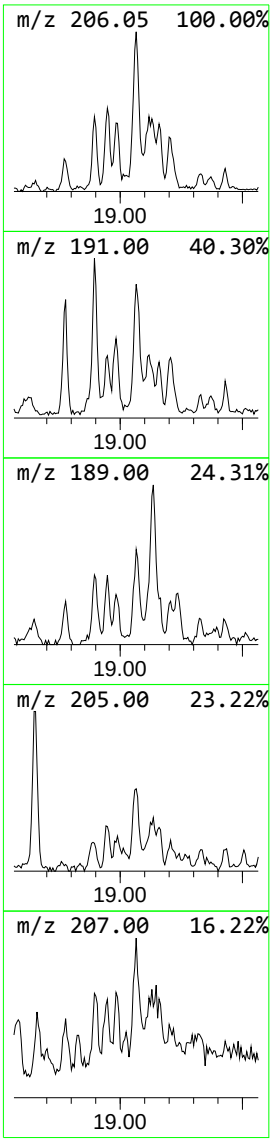
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.065	2.34 ng/ul	105968	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91





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Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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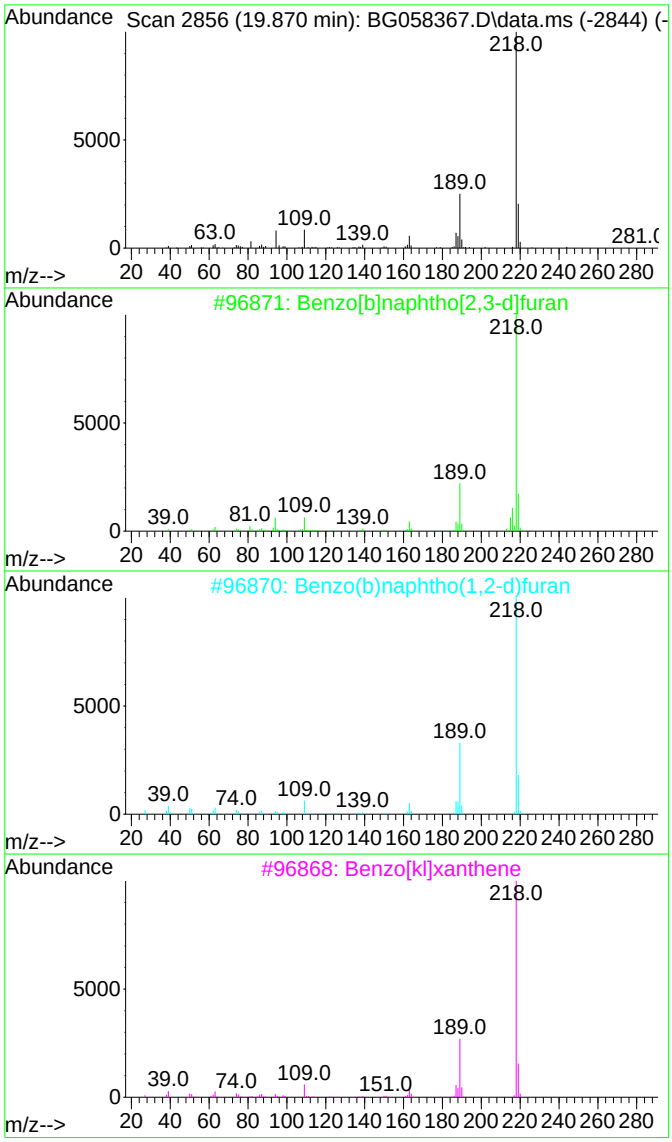
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

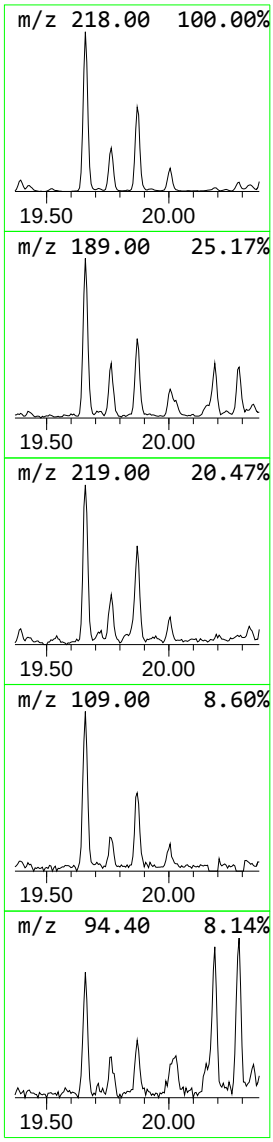
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]naphtho[2,3-d]furan Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.870	2.21 ng/ul	206902	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	97
2	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	96
3	Benzo[kl]xanthene	218	C16H10O	000200-23-7	95
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	93





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Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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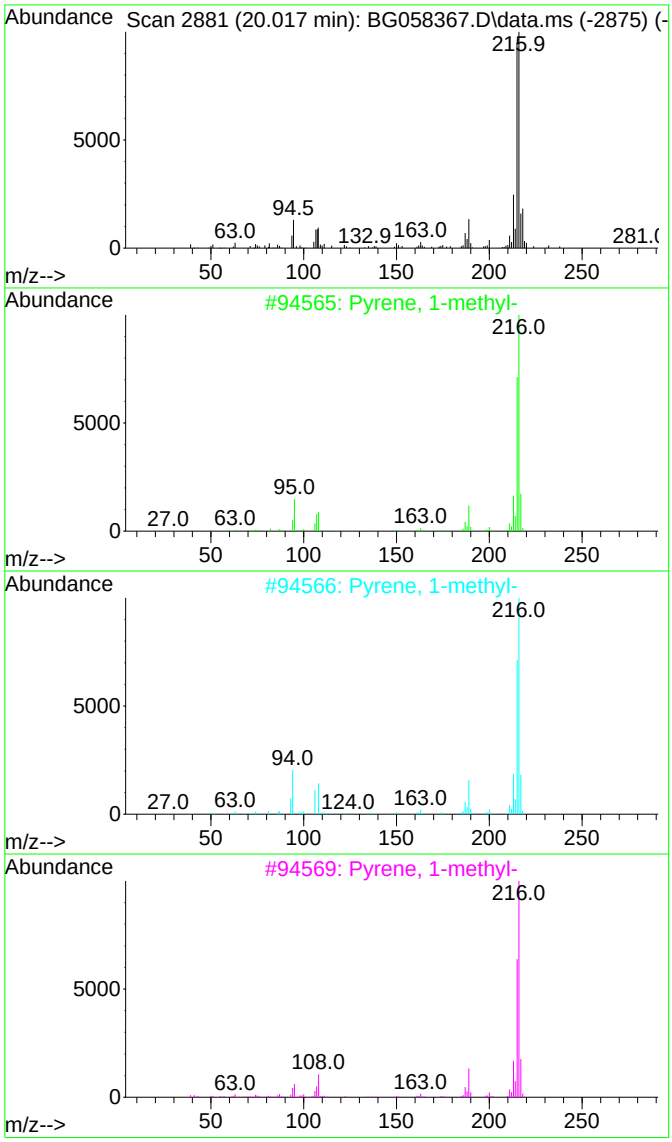
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

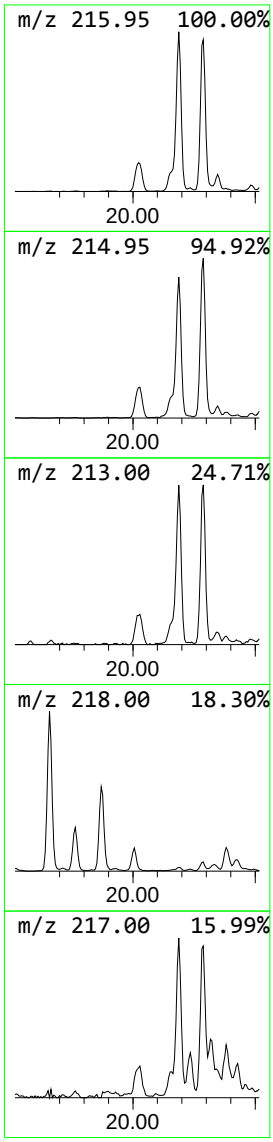
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.017	2.34 ng/ul	218392	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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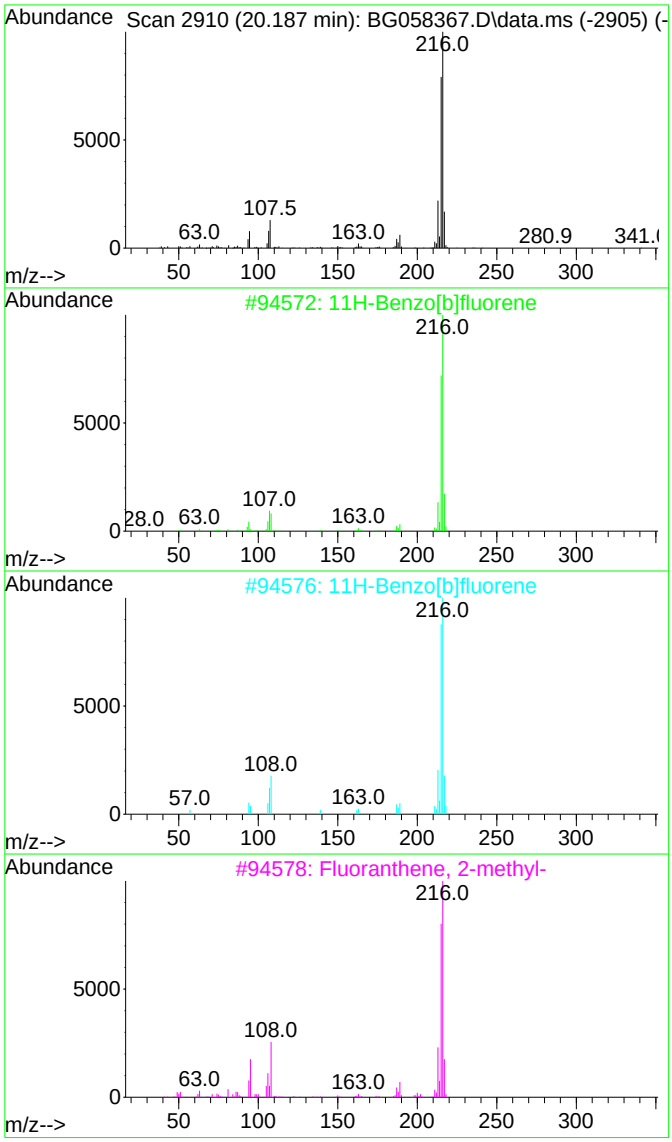
Quant Title : SVOA CALIBRATION

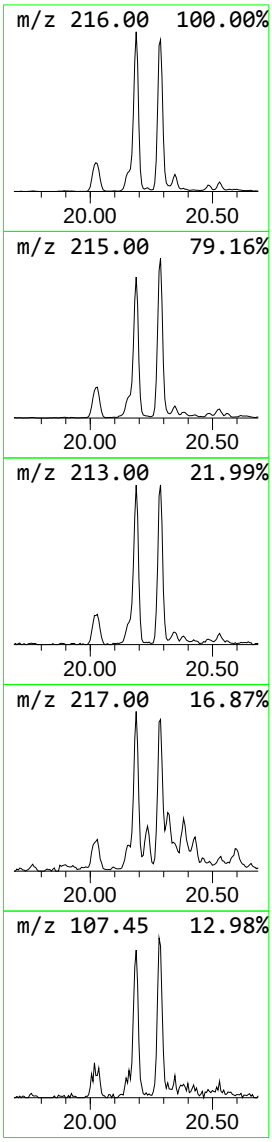
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.187	6.17 ng/ul	576573	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93





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ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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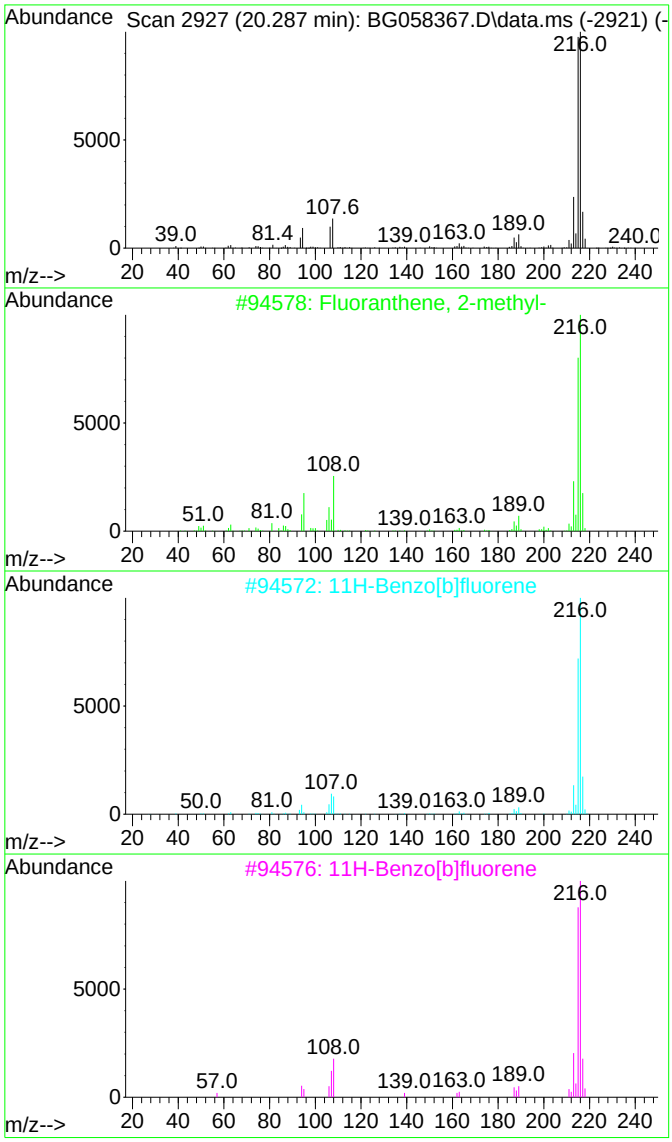
Quant Title : SVOA CALIBRATION

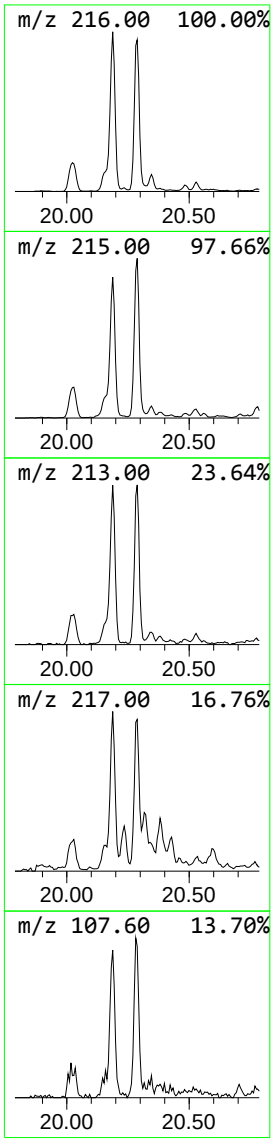
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.287	6.76 ng/ul	632063	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W5DL2

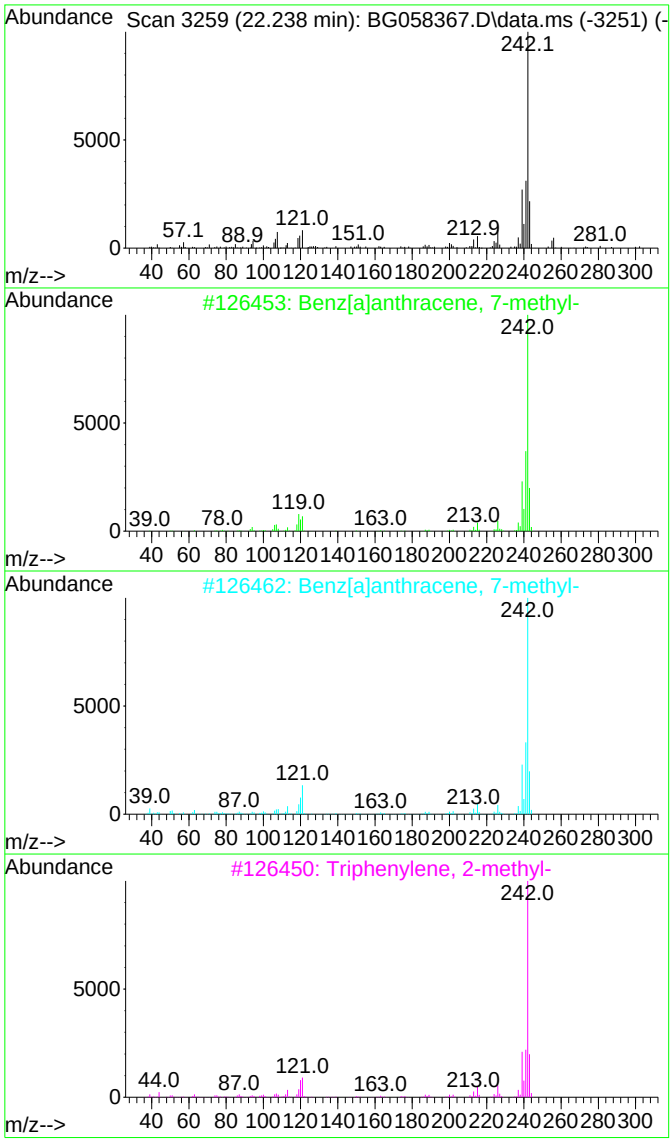
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

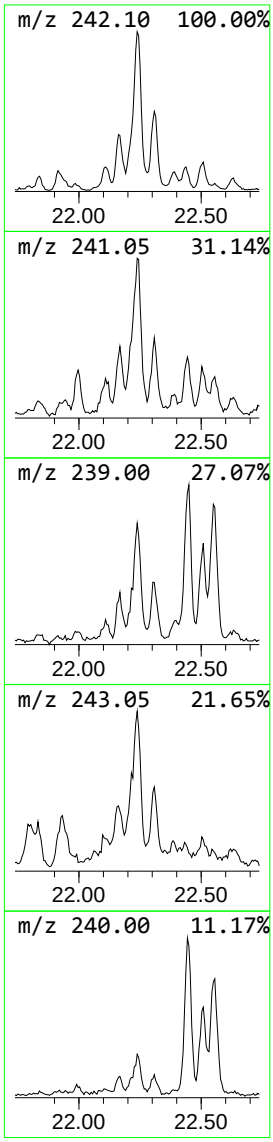
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benz[a]anthracene, 7-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.238	2.62 ng/ul	245233	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	92
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058367.D
Acq On : 20 Jul 2023 20:24
Operator : CG/JU
Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W5DL2

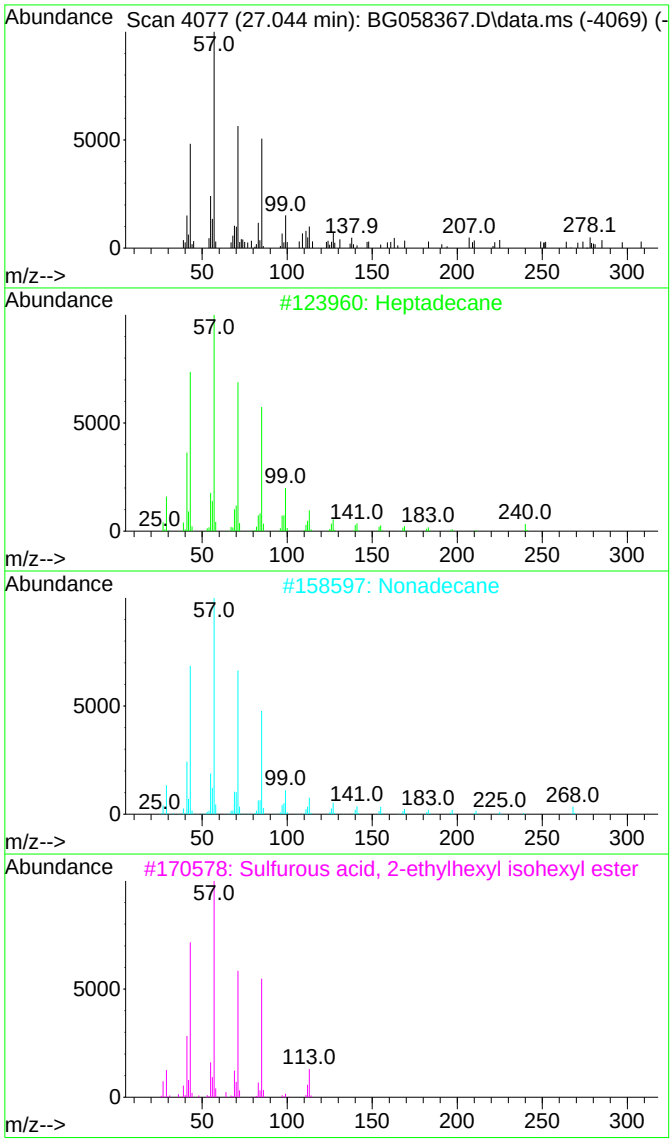
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

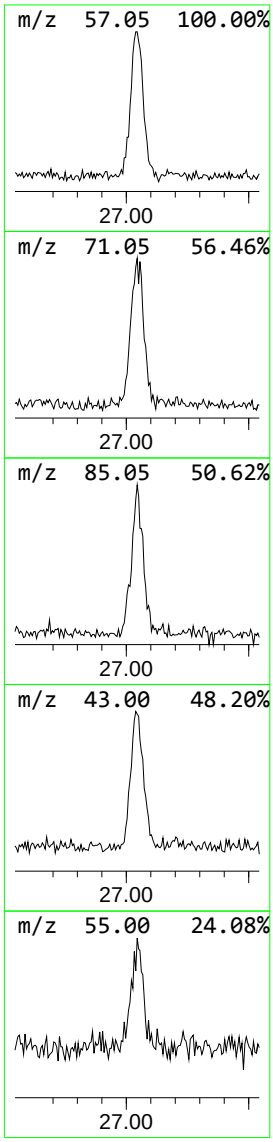
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.044	2.10 ng/ul	115673	Perylene-d12	24.665

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	80
2	Nonadecane	268	C19H40	000629-92-5	72
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	59
5	Hentriacontane	437	C31H64	000630-04-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058367.D
Acq On : 20 Jul 2023 20:24
Operator : CG/JU
Sample : 03501-06DL2 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W5DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.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
Furan, tetrahyd...	3.125	13.5	ng/ul	184181	1	7.896	273150	20.0
Propane, 2,2'-[...	4.635	2.0	ng/ul	27372	1	7.896	273150	20.0
9H-Fluoren-9-ol	16.016	2.2	ng/ul	98071	4	17.279	906849	20.0
Dibenzothiophene	17.097	2.4	ng/ul	106911	4	17.279	906849	20.0
Acridine	17.467	3.5	ng/ul	157240	4	17.279	906849	20.0
Phenanthrene, 2...	18.154	6.6	ng/ul	298926	4	17.279	906849	20.0
Phenanthrene, 1...	18.201	8.1	ng/ul	366570	4	17.279	906849	20.0
Anthracene, 1-m...	18.284	4.0	ng/ul	181278	4	17.279	906849	20.0
4H-Cyclopenta[d...	18.354	11.1	ng/ul	503813	4	17.279	906849	20.0
Phenanthrene, 4...	18.384	3.0	ng/ul	133663	4	17.279	906849	20.0
Naphthalene, 2-...	18.648	4.5	ng/ul	206034	4	17.279	906849	20.0
Phenanthrene, 1...	19.065	2.3	ng/ul	105968	4	17.279	906849	20.0
Benzo[b]naphtho...	19.870	2.2	ng/ul	206902	5	21.527	1869370	20.0
Pyrene, 1-methyl-	20.017	2.3	ng/ul	218392	5	21.527	1869370	20.0
11H-Benzo[b]flu...	20.187	6.2	ng/ul	576573	5	21.527	1869370	20.0
Fluoranthene, 2...	20.287	6.8	ng/ul	632063	5	21.527	1869370	20.0
Benz[a]anthrace...	22.238	2.6	ng/ul	245233	5	21.527	1869370	20.0
(DEL) Alkane: S...	27.044	2.1	ng/ul	115673	6	24.665	1100810	20.0