LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061402.D
Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH6E0

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: BG061402.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.030	5	7	9	rBV	14390	16921	0.52%	0.104%
2	3.077	9	15	40	rVB	1824449	3252132	100.00%	20.002%
3	3.612	102	106	112	rVB	6818	10351	0.32%	0.064%
4	3.741	123	128	140	rBV2	47661	83534	2.57%	0.514%
5	3.853	142	147	155	rVV2	30710	45380	1.40%	0.279%
6	4.305	219	224	231	rBV4	6615	10480	0.32%	0.064%
7	4.981	335	339	345	rVB4	5659	11263	0.35%	0.069%
8	5.075	349	355	362	rVB5	6044	10480	0.32%	0.064%
9	7.055	686	692	700	rVB	81393	139901	4.30%	0.860%
10	7.202	712	717	723	rVB	56313	86201	2.65%	0.530%
11	7.413	747	753	759	rBV	77832	128744	3.96%	0.792%
12	7.871	824	831	837	rBV	95448	154290	4.74%	0.949%
13	8.588	947	953	961	rBV	58638	100317	3.08%	0.617%
14	9.029	1019	1028	1035	rVB	80029	135858	4.18%	0.836%
15	9.587	1118	1123	1130	rBB2	9855	14901	0.46%	0.092%
16	9.752	1145	1151	1157	rBV	72092	126220	3.88%	0.776%
17	10.298	1238	1244	1252	rVB	100569	176202	5.42%	1.084%
18	10.668	1299	1307	1317	rBV	123330	215887	6.64%	1.328%
19	10.803	1322	1330	1337	rBV2	43650	79166	2.43%	0.487%
20	11.409	1427	1433	1439	rBV	7998	13013	0.40%	0.080%
21	12.184	1561	1565	1571	rVV2	9473	13904	0.43%	0.086%
22	13.911	1849	1859	1865	rVV	202221	278644	8.57%	1.714%
23	14.199	1902	1908	1920	rVB	208316	323324	9.94%	1.989%
24	14.505	1954	1960	1966	rVV	203722	319802	9.83%	1.967%
25	14.575	1966	1972	1980	rVB2	14573	24665	0.76%	0.152%
26	14.746	1989	2001	2011	rBV4	46550	114301	3.51%	0.703%
27	14.910	2025	2029	2036	rVV2	14172	22818	0.70%	0.140%
28	15.504	2123	2130	2135	rBV	288316	426625	13.12%	2.624%
29	15.557	2135	2139	2146	rVV	32964	46439	1.43%	0.286%
30	15.639	2148	2153	2158	rVV2	65946	93666	2.88%	0.576%
31	15.850	2185	2189	2197	rVB	10172	15321	0.47%	0.094%
32	16.003	2209	2215	2223	rVB3	12606	23781	0.73%	0.146%
33	16.561	2307	2310	2315	rVB3	7010	12744	0.39%	0.078%
34	16.790	2341	2349	2353	rBV6	7775	14751	0.45%	0.091%
35	16.914	2366	2370	2377	rVB2	19342	29145	0.90%	0.179%
36	16.990	2377	2383	2385	rBV4	7165	12403	0.38%	0.076%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061402.D
Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH6E0

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	17.072	2392	2397	2401	rBV	14637	19161	0.59%	0.118%
38	17.255	2421	2428	2432	rVV	268875	423242	13.01%	2.603%
39	17.302	2432	2436	2440	rVV	327618	466928	14.36%	2.872%
40	17.354	2440	2445	2449	rVV	318491	493625	15.18%	3.036%
41	17.390	2449	2451	2457	rVV	70791	83220	2.56%	0.512%
42	17.443	2457	2460	2467	rVB4	6635	11826	0.36%	0.073%
43	17.660	2486	2497	2503	rBV3	20667	45276	1.39%	0.278%
44	17.842	2524	2528	2536	rVB8	9136	15961	0.49%	0.098%
45	18.136	2569	2578	2582	rBV	49932	93735	2.88%	0.577%
46	18.183	2582	2586	2596	rVV	69260	108350	3.33%	0.666%
47	18.265	2596	2600	2605	rVV	20835	29700	0.91%	0.183%
48	18.330	2605	2611	2615	rVV2	65643	125415	3.86%	0.771%
49	18.365	2615	2617	2625	rVB	33906	42149	1.30%	0.259%
50	18.441	2625	2630	2634	rBV5	6149	10551	0.32%	0.065%
51	18.629	2658	2662	2666	rVV	39790	56602	1.74%	0.348%
52	18.682	2666	2671	2675	rVV	51442	75690	2.33%	0.466%
53	18.882	2701	2705	2709	rVB2	14527	18630	0.57%	0.115%
54	18.935	2709	2714	2717	rBV	12701	17467	0.54%	0.107%
55	18.970	2717	2720	2725	rVB3	11453	15799	0.49%	0.097%
56	19.058	2725	2735	2741	rBV3	29713	85766	2.64%	0.528%
57	19.117	2741	2745	2747	rBV4	9619	10460	0.32%	0.064%
58	19.193	2754	2758	2767	rVB3	36080	67296	2.07%	0.414%
59	19.317	2767	2779	2785	rBV	502581	717052	22.05%	4.410%
60	19.376	2786	2789	2792	rBV	10141	12973	0.40%	0.080%
61	19.411	2792	2795	2801	rVB4	14805	20201	0.62%	0.124%
62	19.464	2801	2804	2807	rVB2	10005	10913	0.34%	0.067%
63	19.517	2807	2813	2816	rBV7	16035	27674	0.85%	0.170%
64	19.558	2817	2820	2823	rVB2	10586	11275	0.35%	0.069%
65	19.652	2830	2836	2838	rBV2	489698	740153	22.76%	4.552%
66	19.681	2838	2841	2849	rVV	422458	575264	17.69%	3.538%
67	19.746	2849	2852	2857	rVB3	28114	42142	1.30%	0.259%
68	19.857	2867	2871	2877	rVB	29756	39151	1.20%	0.241%
69	19.916	2877	2881	2886	rVB	23087	37544	1.15%	0.231%
70	20.010	2890	2897	2903	rVV5	31410	77874	2.39%	0.479%
71	20.134	2913	2918	2920	rVV5	28691	46279	1.42%	0.285%
72	20.175	2921	2925	2932	rVB2	55904	90042	2.77%	0.554%
73	20.269	2937	2941	2945	rBV2	33791	47154	1.45%	0.290%
74	20.327	2945	2951	2955	rBV2	46768	83250	2.56%	0.512%
75	20.410	2962	2965	2970	rVB5	14582	17652	0.54%	0.109%
76	20.468	2971	2975	2978	rBV2	32399	37473	1.15%	0.230%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061402.D
Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH6E0

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	20.515	2979	2983	2987	rVV2	28148	36837	1.13%	0.227%
78	20.927	3049	3053	3059	rVB	57003	85426	2.63%	0.525%
79	21.103	3077	3083	3086	rBV3	37793	70280	2.16%	0.432%
80	21.144	3086	3090	3092	rVV	44210	62316	1.92%	0.383%
81	21.191	3093	3098	3104	rVV5	59962	159080	4.89%	0.978%
82	21.250	3104	3108	3115	rVB	62910	109363	3.36%	0.673%
83	21.403	3131	3134	3138	rVB3	35300	44740	1.38%	0.275%
84	21.508	3144	3152	3156	rBV3	391429	880715	27.08%	5.417%
85	21.555	3156	3160	3173	rVB	205072	352191	10.83%	2.166%
86	21.702	3181	3185	3190	rBV	27422	42756	1.31%	0.263%
87	21.902	3215	3219	3226	rVB5	26206	51984	1.60%	0.320%
88	21.967	3226	3230	3234	rBV7	16232	26231	0.81%	0.161%
89	22.213	3269	3272	3278	rVB	38600	59106	1.82%	0.364%
90	22.290	3280	3285	3292	rVB4	29193	67656	2.08%	0.416%
91	22.472	3313	3316	3322	rBV7	15991	34880	1.07%	0.215%
92	22.919	3388	3392	3403	rVB7	45080	107057	3.29%	0.658%
93	23.618	3504	3511	3519	rBV	142227	448194	13.78%	2.757%
94	23.870	3549	3554	3559	rVB	19439	33912	1.04%	0.209%
95	24.311	3621	3629	3633	rBV	74290	182009	5.60%	1.119%
96	24.387	3635	3642	3647	rVV2	239266	606523	18.65%	3.730%
97	24.446	3648	3652	3662	rVB	109041	266525	8.20%	1.639%
98	24.593	3667	3677	3685	rBV2	204876	584477	17.97%	3.595%
99	28.089	4260	4272	4288	rVB3	55128	263236	8.09%	1.619%
100	29.176	4445	4457	4468	rBV3	31749	148789	4.58%	0.915%

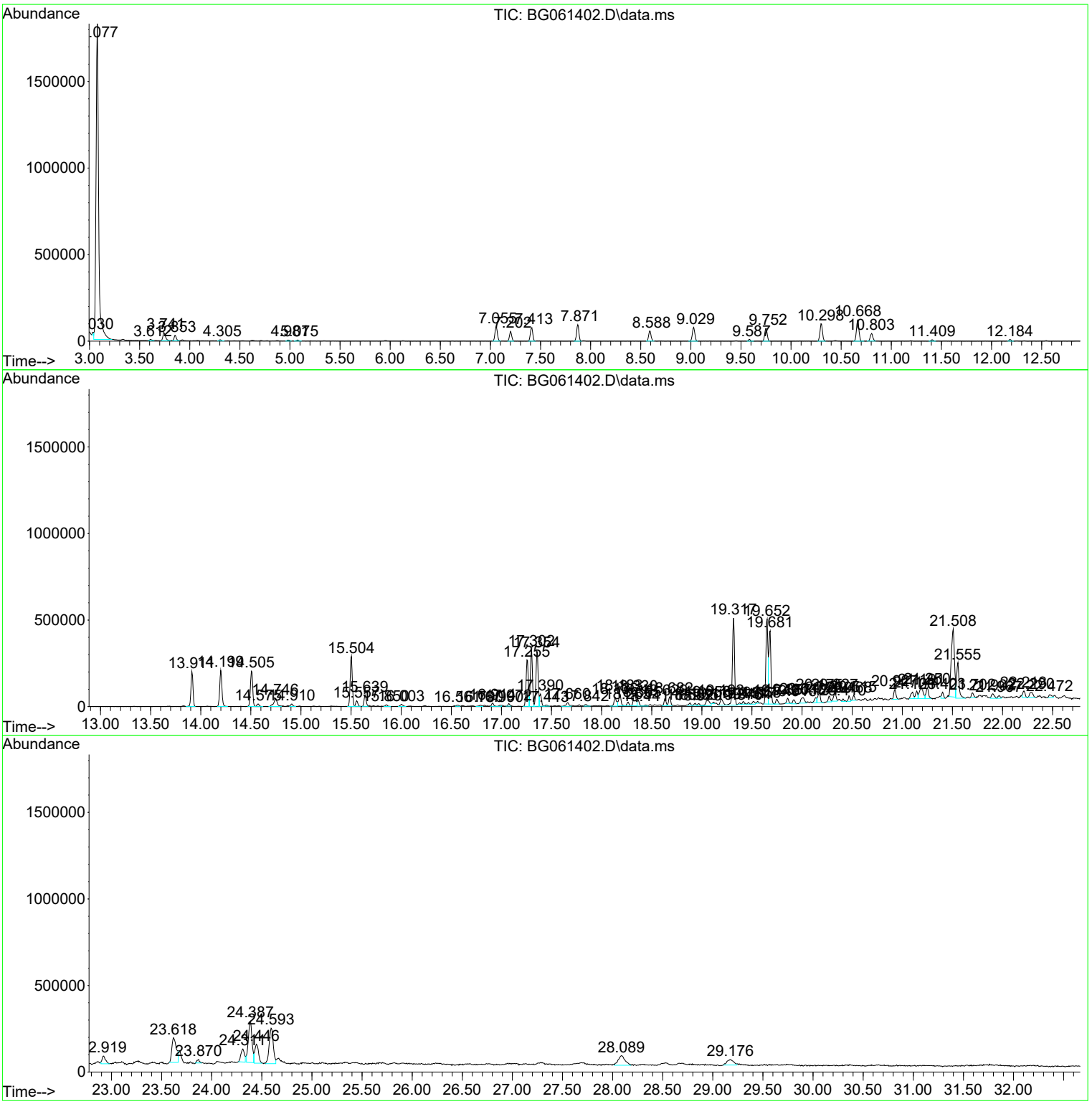
Sum of corrected areas: 16258772

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061402.D
Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E0

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\BG053124\
Data File : BG061402.D
Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E0

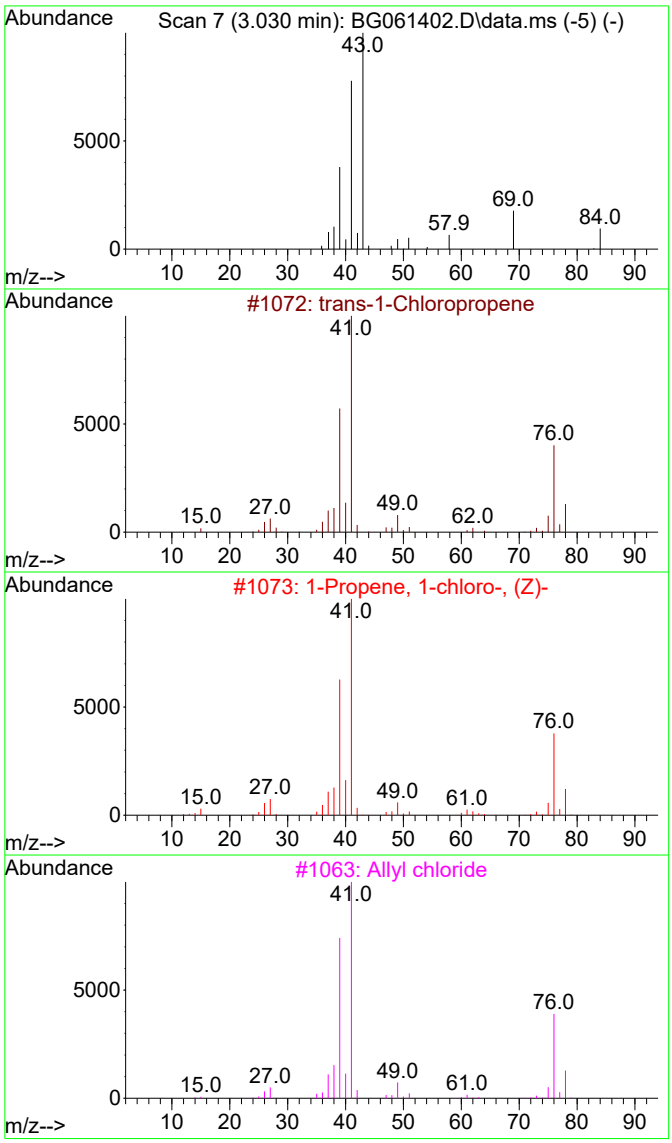
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

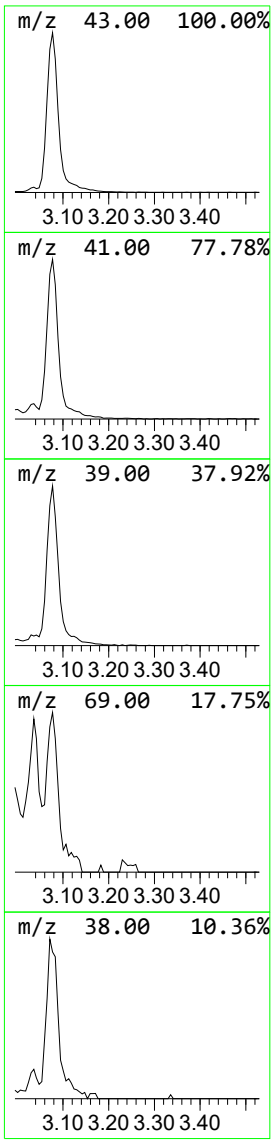
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.030	2.19 ng/ul	16921	1,4-Dichlorobenzene-d4	7.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1-Chloropropene	76	C3H5Cl	016136-85-9	17
2	1-Propene, 1-chloro-, (Z)-	76	C3H5Cl	016136-84-8	17
3	Allyl chloride	76	C3H5Cl	000107-05-1	17
4	Cyclopropanecarboxaldehyde	70	C4H6O	001489-69-6	10
5	Propene	42	C3H6	000115-07-1	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061402.D
Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E0

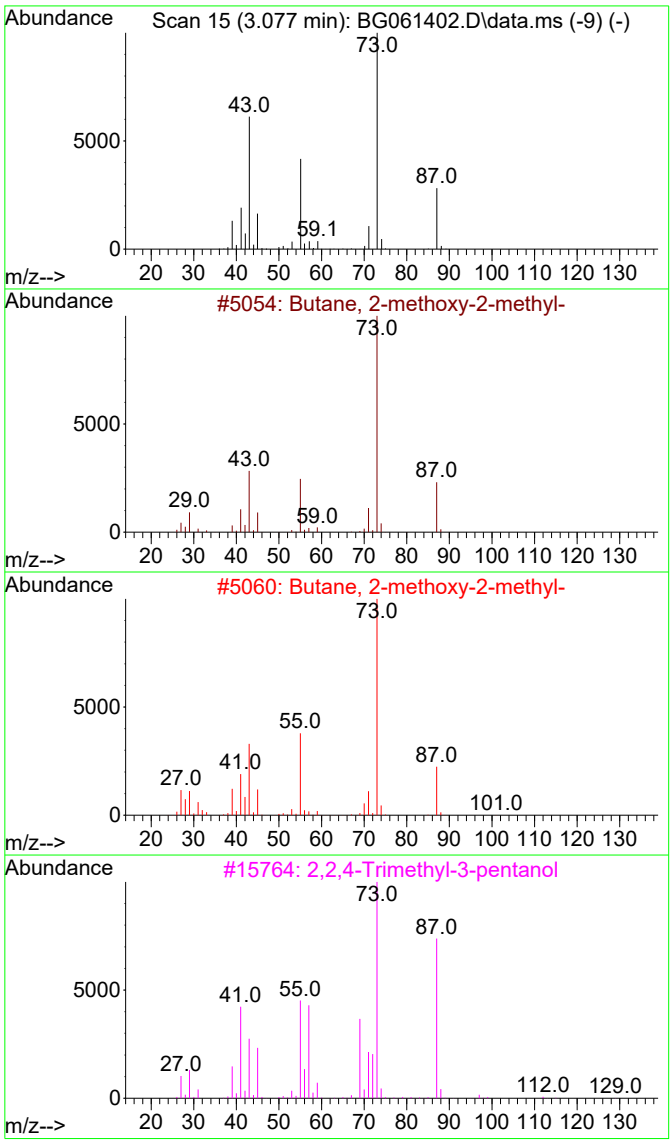
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

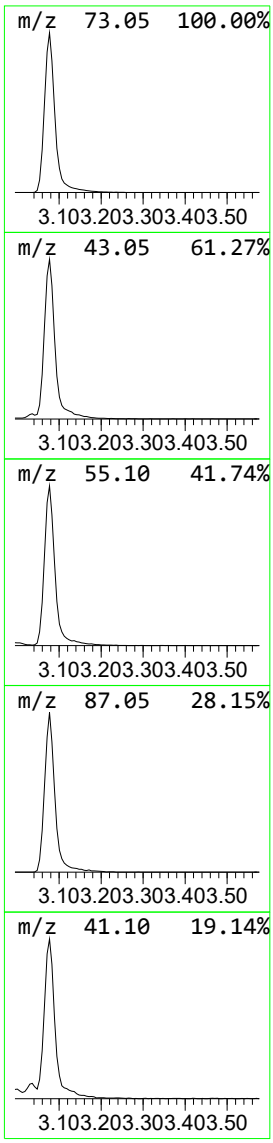
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.077	421.56 ng/ul	3252130	1,4-Dichlorobenzene-d4	7.871

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	38
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061402.D
Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E0

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

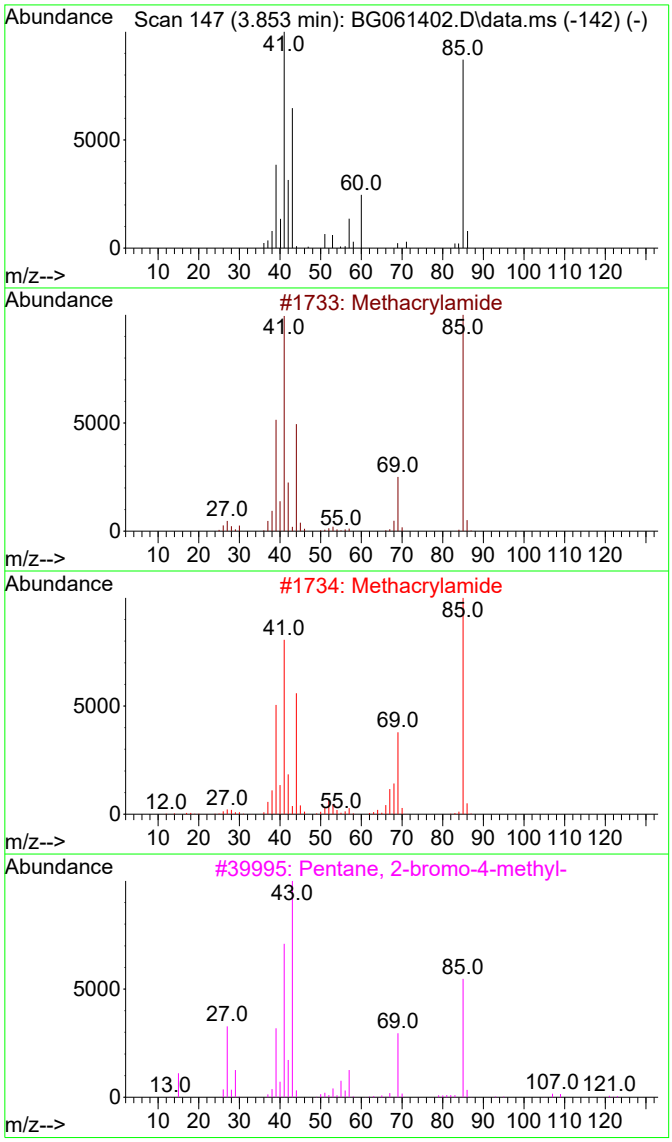
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

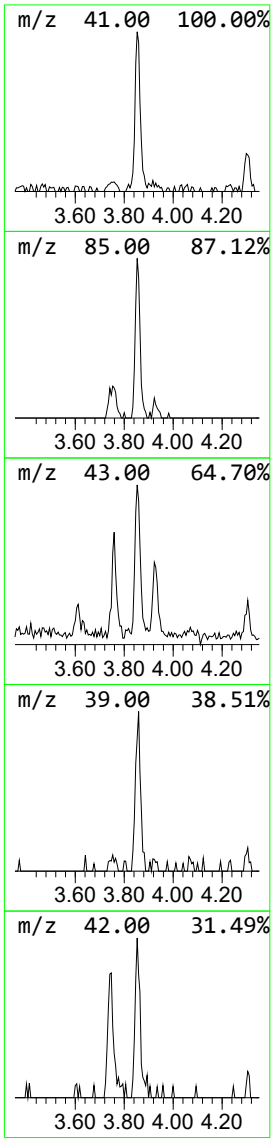
****

Peak Number 3 Methacrylamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.853	5.88 ng/ul	45380	1,4-Dichlorobenzene-d4	7.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	59
2	Methacrylamide	85	C4H7NO	000079-39-0	42
3	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	28
4	2,6-Octadiene-4,5-diol, 4-methyl-	156	C9H16O2	056335-74-1	25
5	2H-Pyran, tetrahydro-2-[2-(methy...	182	C11H18O2	107616-98-8	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061402.D
Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E0

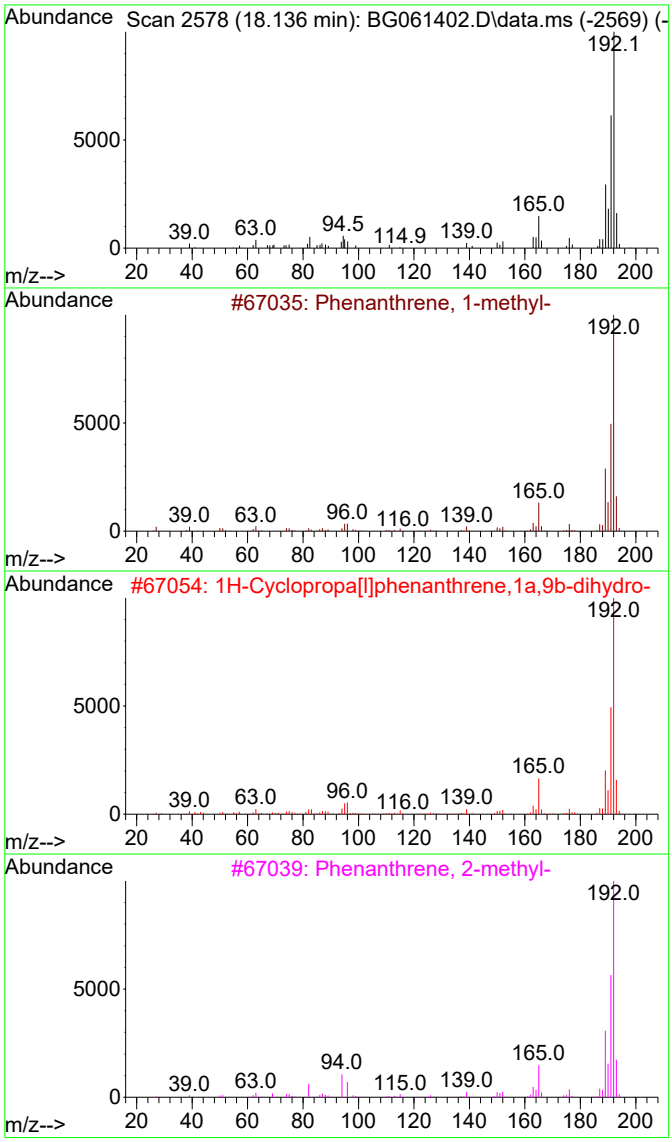
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

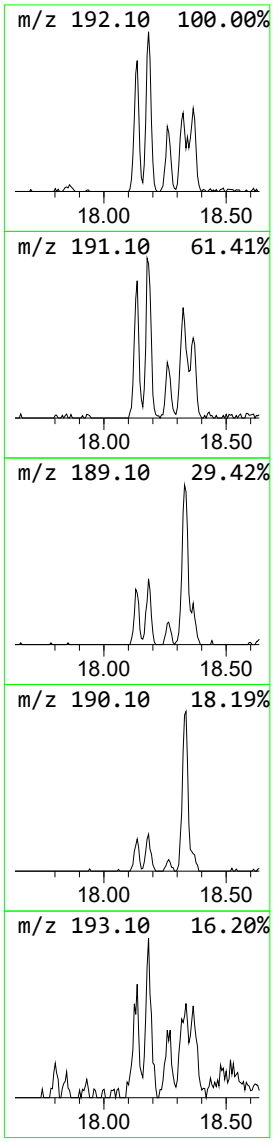
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.136	4.43 ng/ul	93735	Phenanthrene-d10	17.255

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061402.D
Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E0

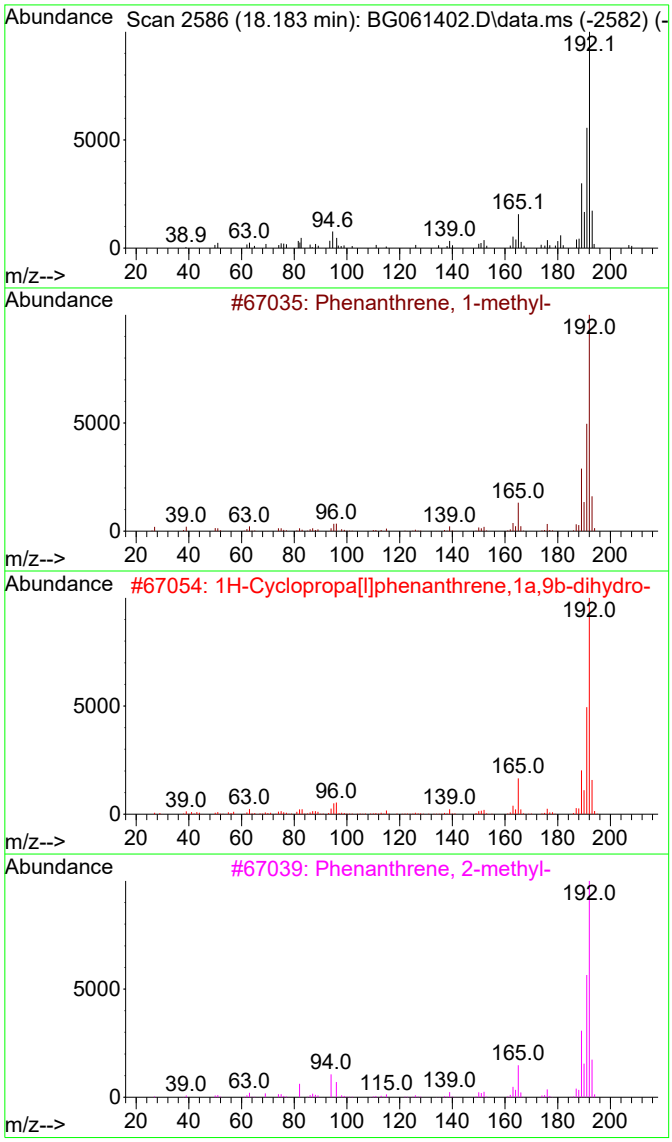
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

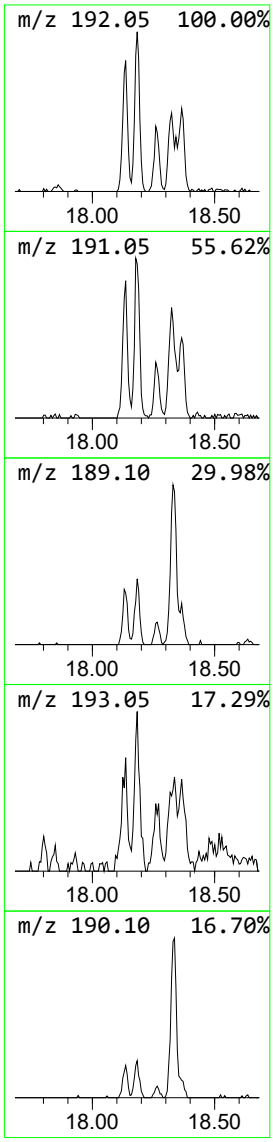
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.183	5.12 ng/ul	108350	Phenanthrene-d10	17.255

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Data File : BG061402.D
Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E0

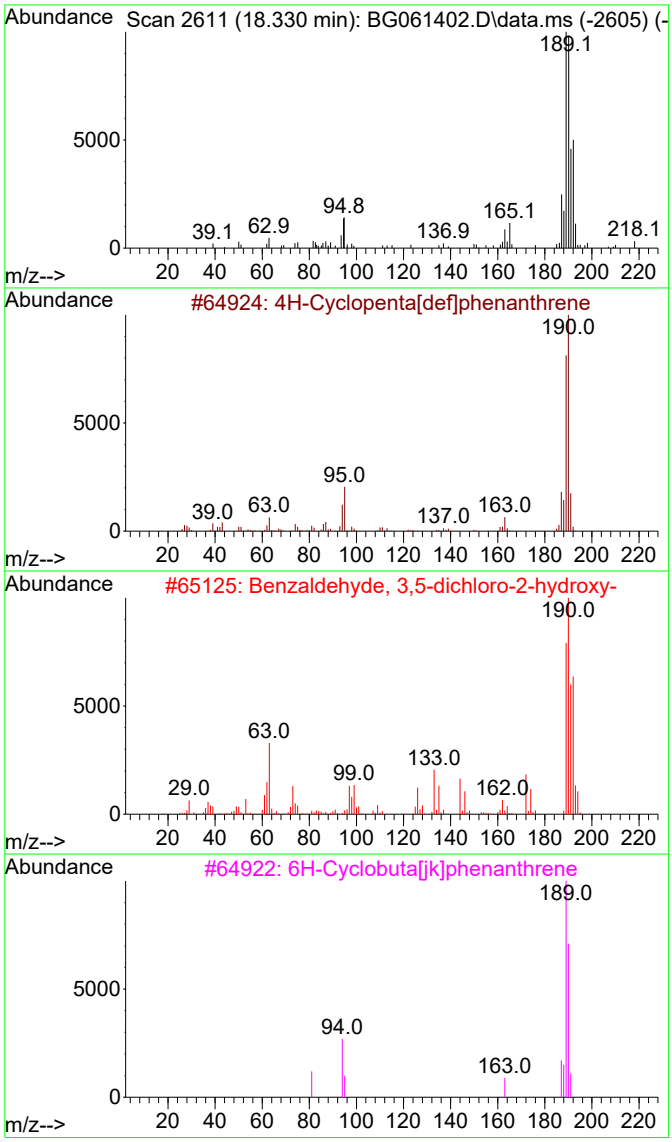
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

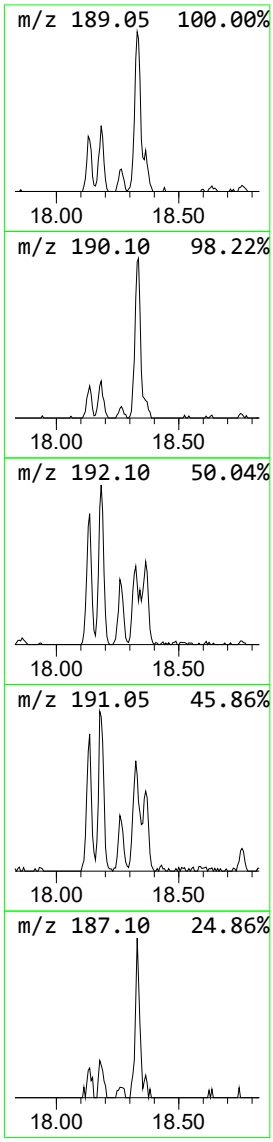
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.330	5.93 ng/ul	125415	Phenanthrene-d10	17.255

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46





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Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E0

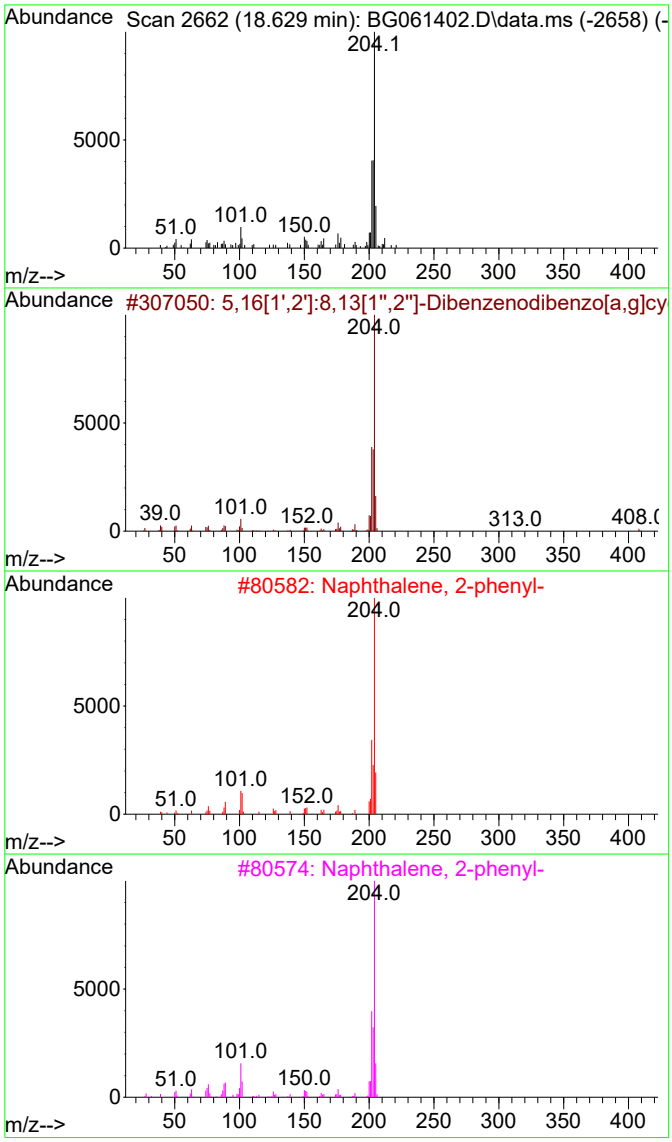
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

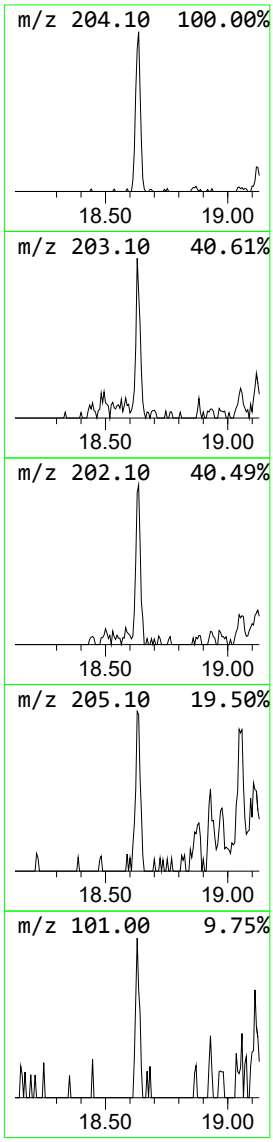
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.630	2.67 ng/ul	56602	Phenanthrene-d10	17.255

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53





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Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E0

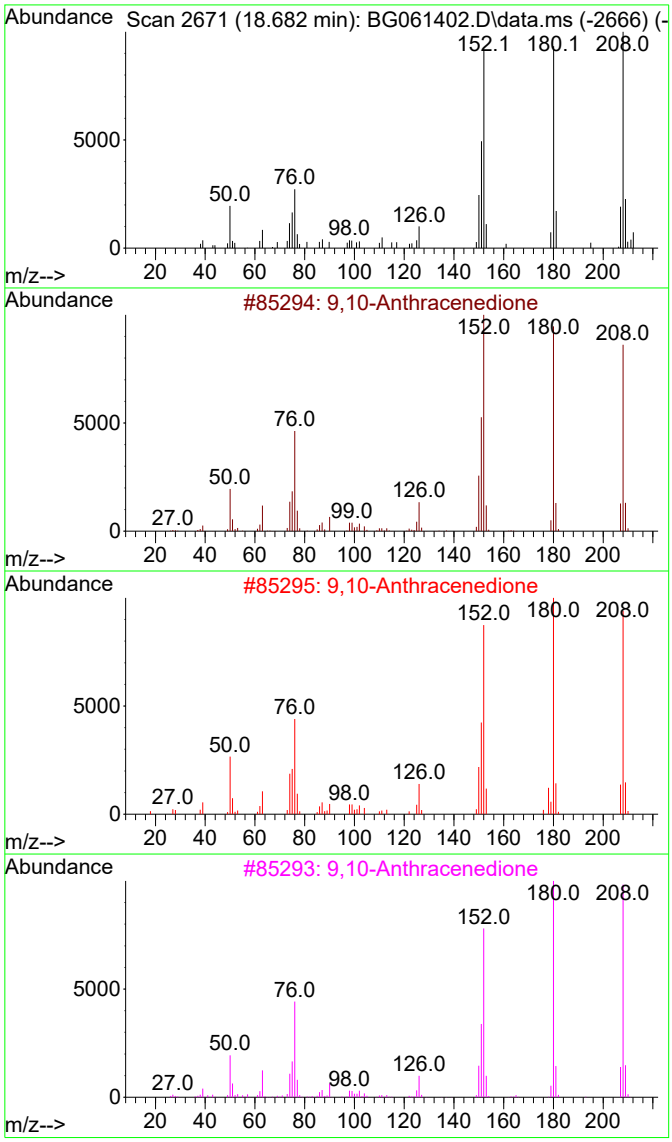
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

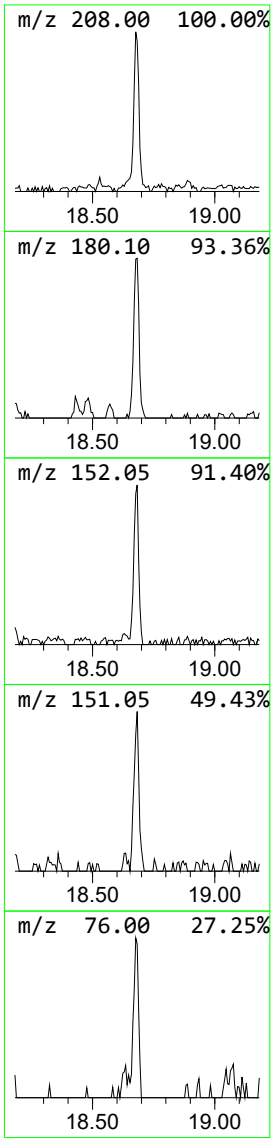
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.682	3.58 ng/ul	75690	Phenanthrene-d10	17.255

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	81
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	76
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55





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Data File : BG061402.D
Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E0

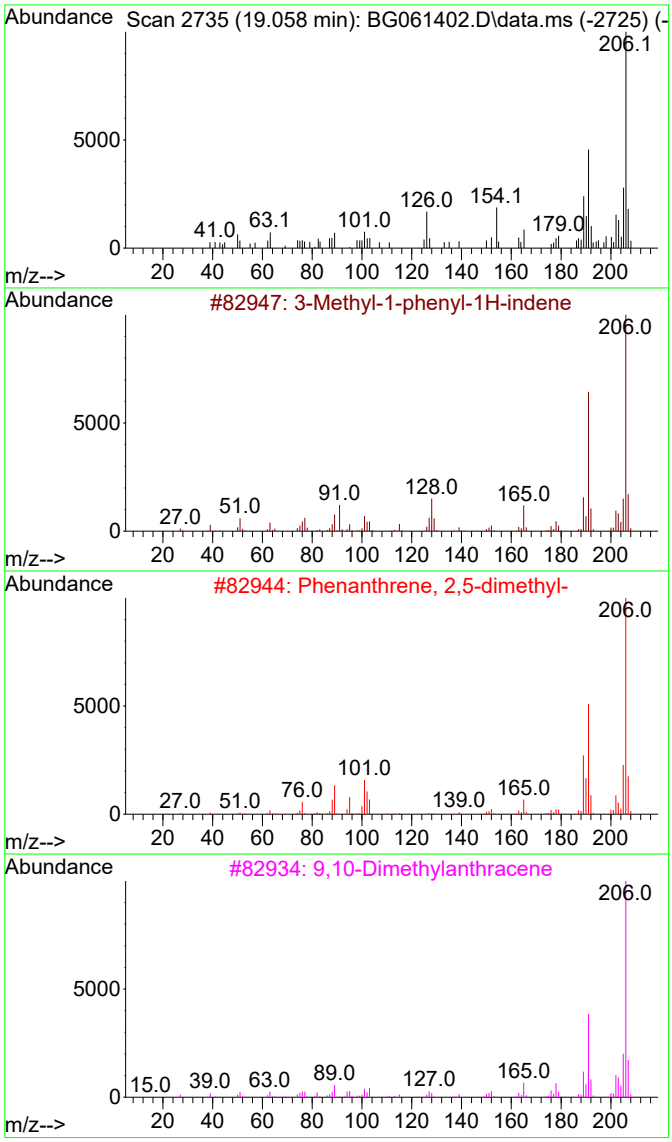
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

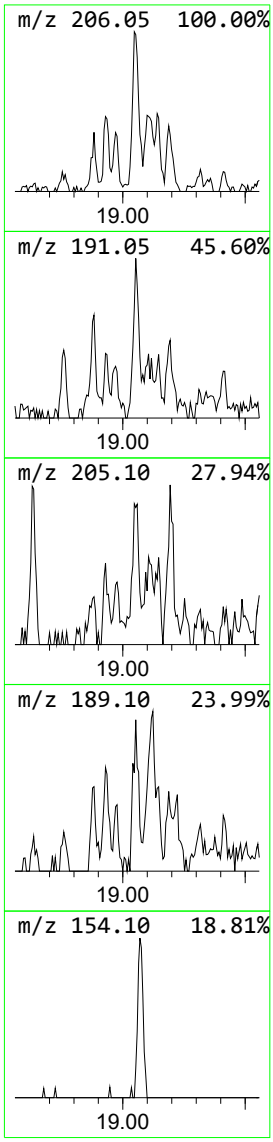
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3-Methyl-1-phenyl-1H-indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.058	4.05 ng/ul	85766	Phenanthrene-d10	17.255

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





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Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E0

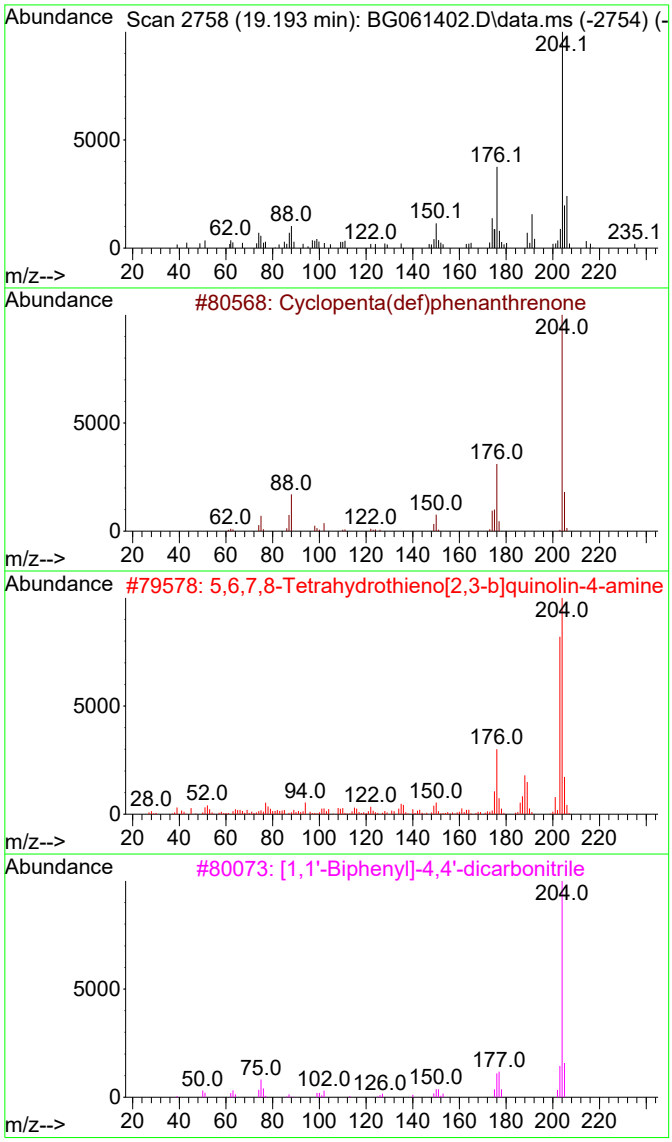
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

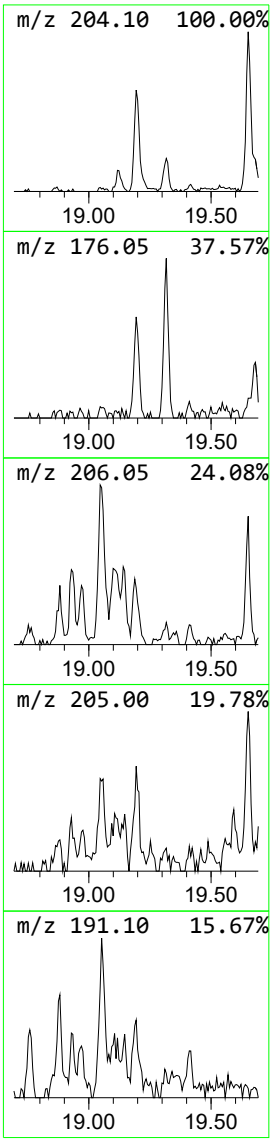
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.194	3.18 ng/ul	67296	Phenanthrene-d10	17.255

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





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Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E0

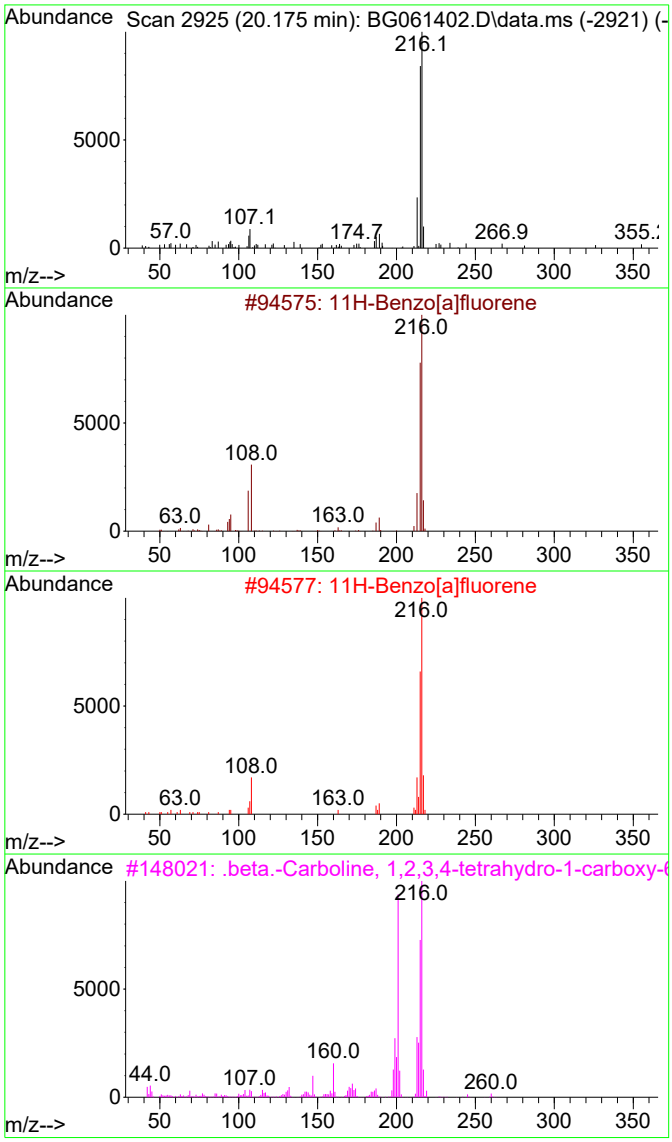
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

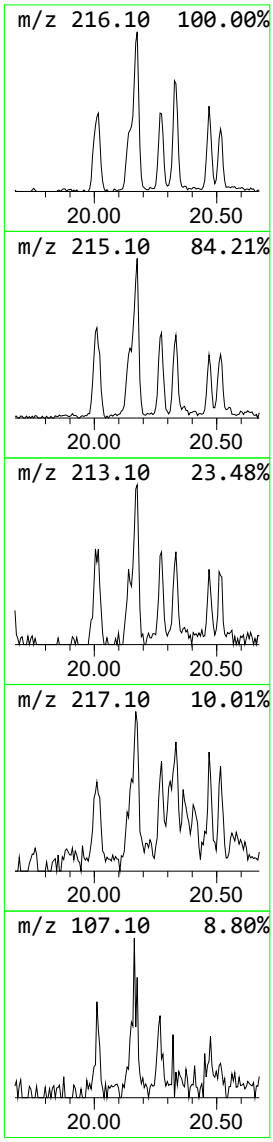
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.175	2.04 ng/ul	90042	Chrysene-d12	21.508

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
3	.beta.-Carboline, 1,2,3,4-tetrah...	260	C14H16N2O3	029573-11-3	64
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	56





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Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E0

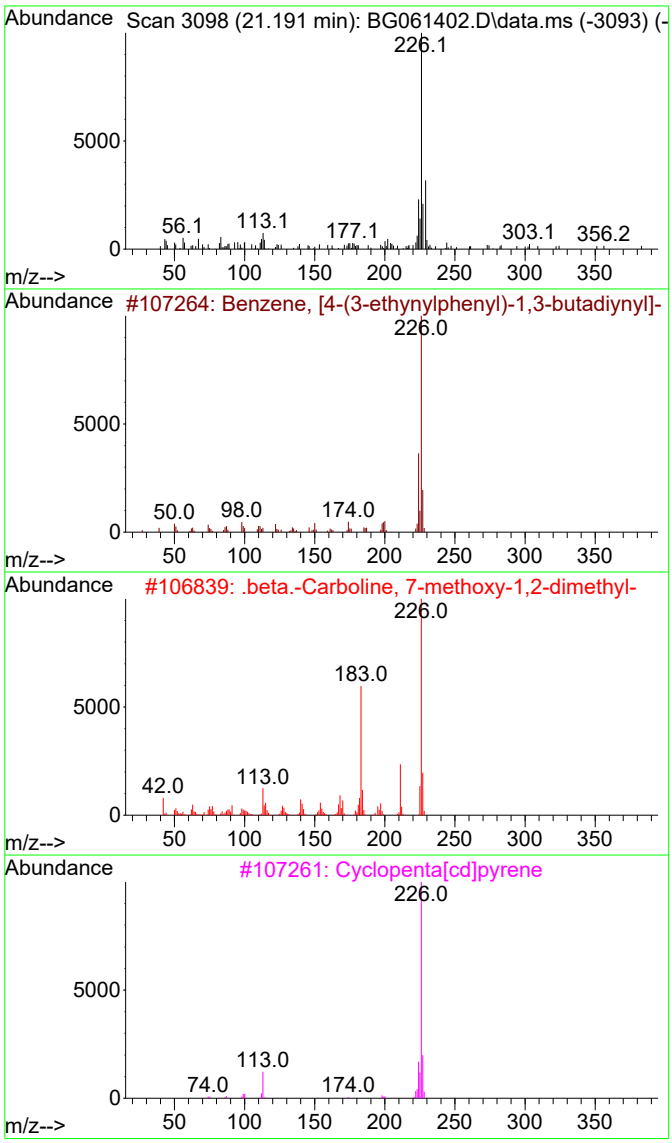
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

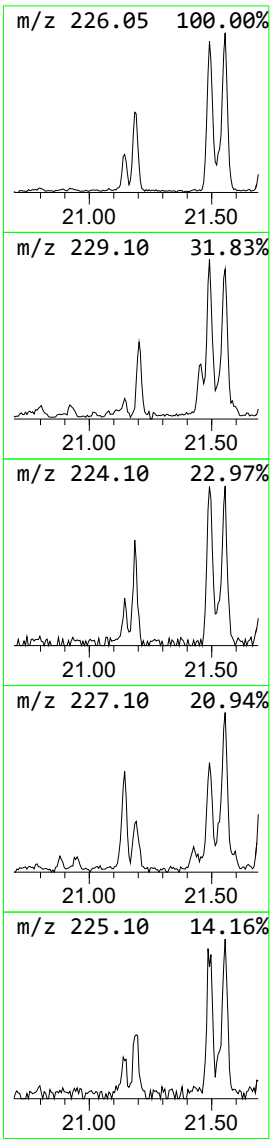
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, [4-(3-ethynylpheny... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.191	3.61 ng/ul	159080	Chrysene-d12	21.508

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	50
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	50
4	[1,2,4]triazolo[1,5-a]pyrimidin-...	226	C12H10N4O	1000403-04-9	40
5	3,6-Dihydroxy-6-methyl-N-phenyl-...	364	C20H20N4O3	1000460-15-5	40





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Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E0

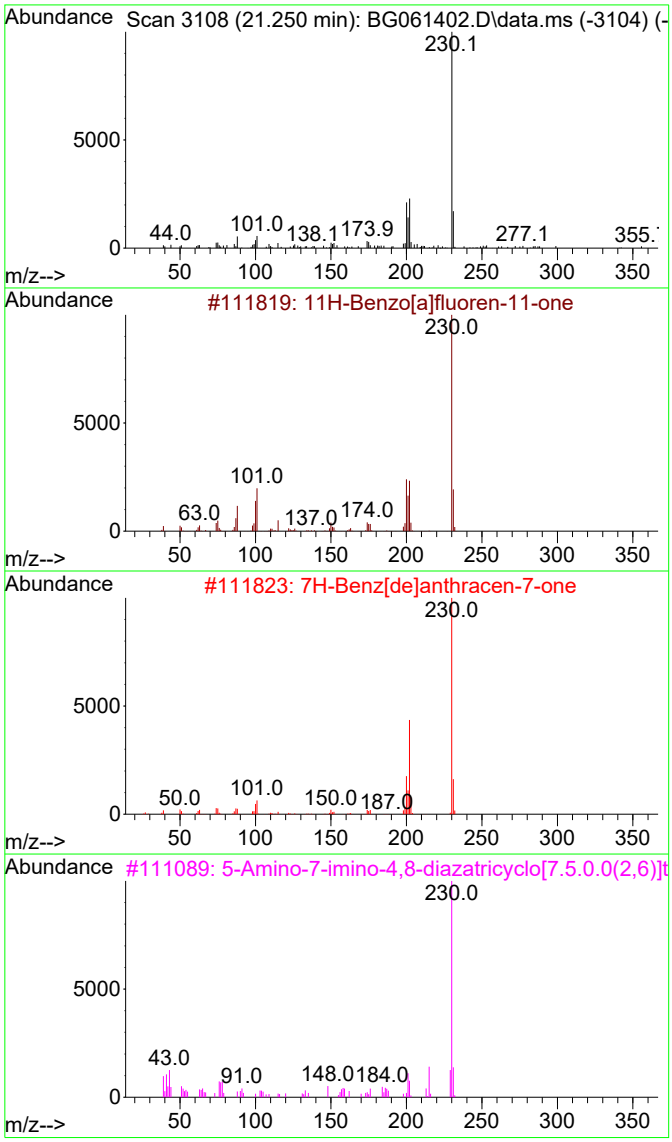
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

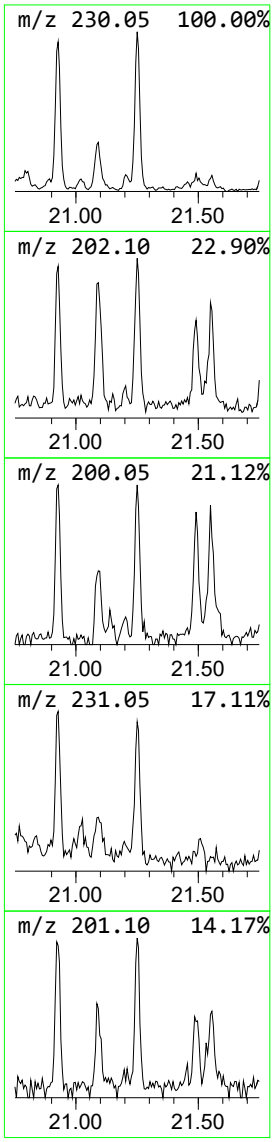
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.250	2.48 ng/ul	109363	Chrysene-d12	21.508

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	5-Amino-7-imino-4,8-diazatricycl...	230	C12H14N4O	1000388-35-6	58
4	2,6-Dimethyl-4-hydroxyquinoline,...	287	C17H25NOSi	1000463-05-5	50
5	m-Terphenyl	230	C18H14	000092-06-8	50





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Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E0

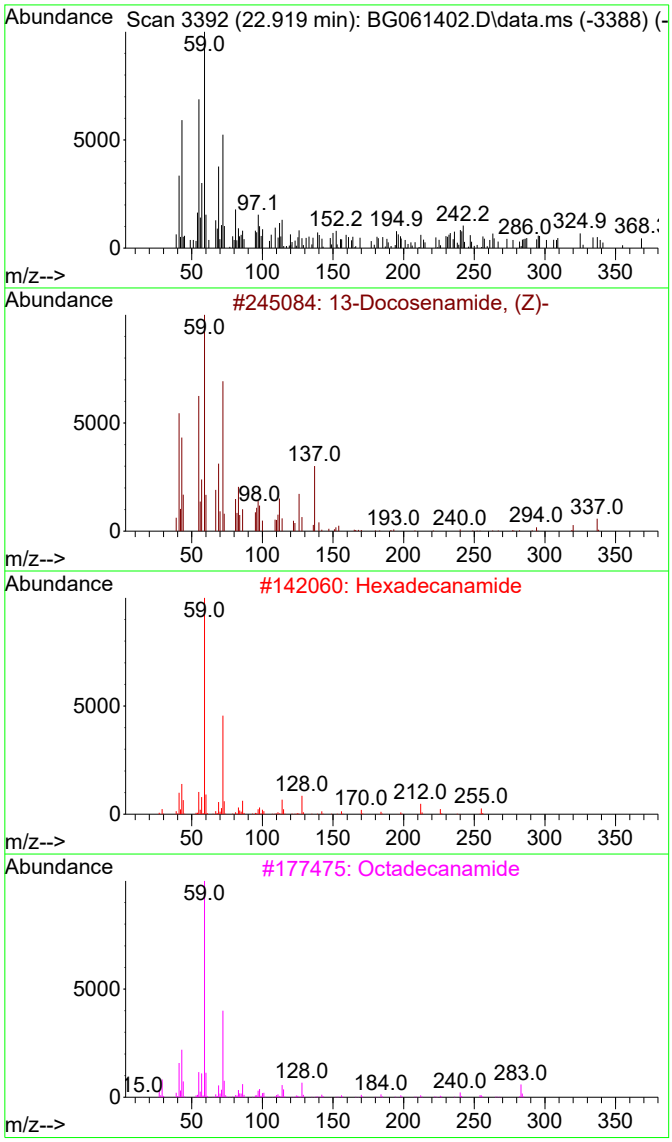
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

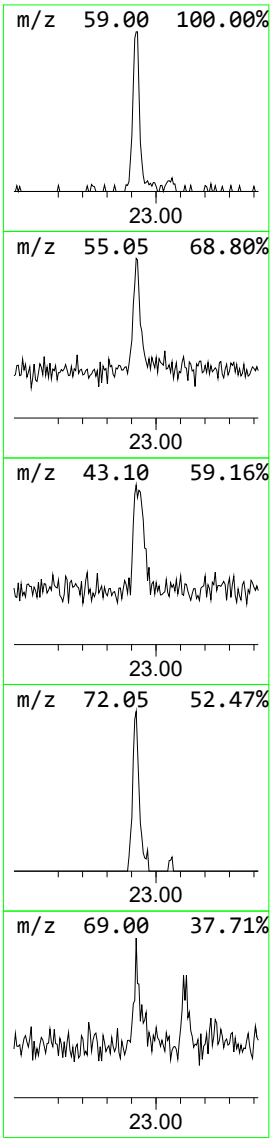
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.919	2.43 ng/ul	107057	Chrysene-d12	21.508

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	89
2	Hexadecanamide	255	C16H33NO	000629-54-9	59
3	Octadecanamide	283	C18H37NO	000124-26-5	59
4	Palmitoleamide	253	C16H31NO	106010-22-4	58
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	53





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Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E0

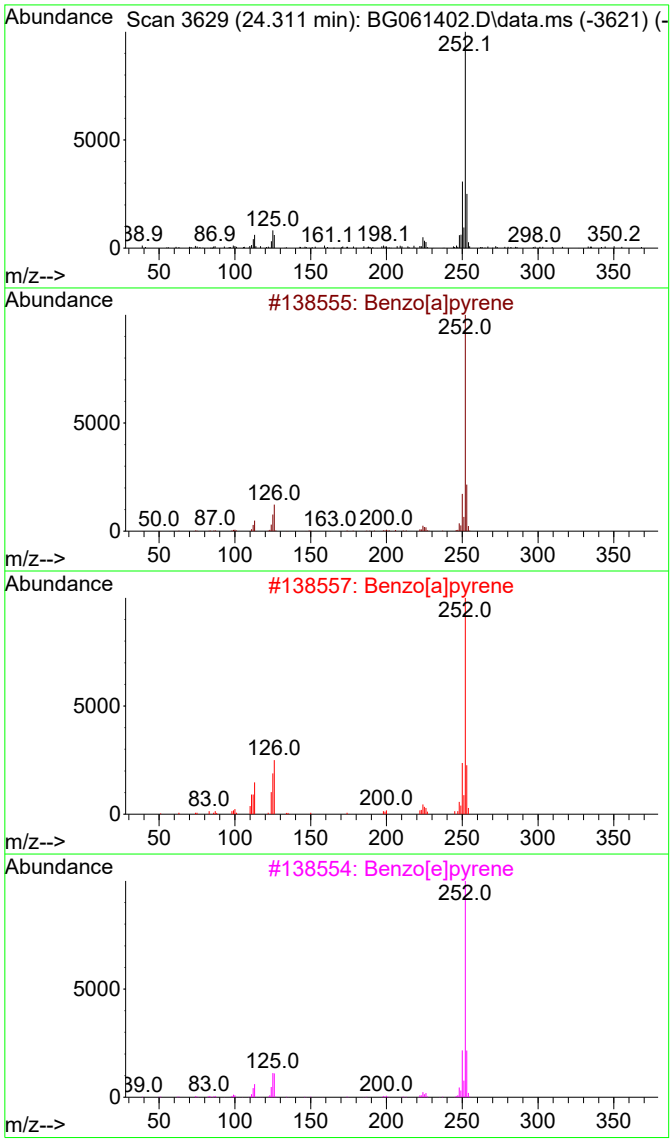
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

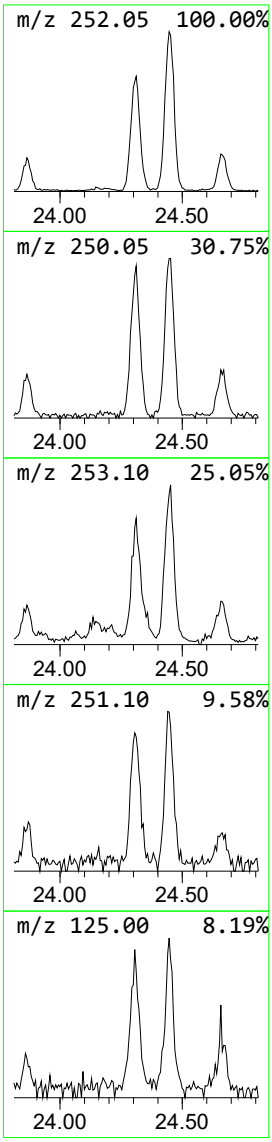
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.311	6.23 ng/ul	182009	Perylene-d12	24.593

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	87
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061402.D
Acq On : 31 May 2024 20:56
Operator : MA/JU
Sample : P2588-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6E0

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
unknown-01	3.030	2.2	ng/ul	16921	1	7.871	154290	20.0
Butane, 2-metho...	3.077	421.6	ng/ul	3252130	1	7.871	154290	20.0
Methacrylamide	3.853	5.9	ng/ul	45380	1	7.871	154290	20.0
Phenanthrene, 1...	18.136	4.4	ng/ul	93735	4	17.255	423242	20.0
1H-Cyclopropa[l...	18.183	5.1	ng/ul	108350	4	17.255	423242	20.0
4H-Cyclopenta[d...	18.330	5.9	ng/ul	125415	4	17.255	423242	20.0
5,16[1',2']:8,1...	18.630	2.7	ng/ul	56602	4	17.255	423242	20.0
9,10-Anthracene...	18.682	3.6	ng/ul	75690	4	17.255	423242	20.0
3-Methyl-1-phen...	19.058	4.0	ng/ul	85766	4	17.255	423242	20.0
Cyclopenta(def)...	19.194	3.2	ng/ul	67296	4	17.255	423242	20.0
11H-Benzo[a]flu...	20.175	2.0	ng/ul	90042	5	21.508	880715	20.0
Benzene, [4-(3-...	21.191	3.6	ng/ul	159080	5	21.508	880715	20.0
11H-Benzo[a]flu...	21.250	2.5	ng/ul	109363	5	21.508	880715	20.0
13-Docosenamide...	22.919	2.4	ng/ul	107057	5	21.508	880715	20.0
Benzo[e]pyrene	24.311	6.2	ng/ul	182009	6	24.593	584477	20.0