LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061334.D
Acq On : 29 May 2024 18:44
Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH662

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: BG061334.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	5	8	11	rBV	48447	65830	2.56%	0.389%
2	3.084	11	16	46	rVB	1436777	2573271	100.00%	15.225%
3	3.613	100	106	112	rBV	8303	14467	0.56%	0.086%
4	3.748	125	129	142	rVB4	32498	64903	2.52%	0.384%
5	3.866	142	149	155	rBV	25942	41982	1.63%	0.248%
6	4.306	219	224	231	rBV	157262	235190	9.14%	1.392%
7	4.718	288	294	302	rBV	120959	186293	7.24%	1.102%
8	5.088	351	357	364	rBV2	9104	16459	0.64%	0.097%
9	7.062	682	693	703	rBV	113962	195890	7.61%	1.159%
10	7.215	712	719	726	rVB	69107	116185	4.52%	0.687%
11	7.420	748	754	760	rBV	109051	172833	6.72%	1.023%
12	7.879	825	832	839	rBV	101823	170203	6.61%	1.007%
13	8.595	948	954	962	rBV	93227	163727	6.36%	0.969%
14	9.036	1021	1029	1037	rBV	106581	189102	7.35%	1.119%
15	9.594	1118	1124	1129	rBV2	14355	21674	0.84%	0.128%
16	9.759	1143	1152	1161	rBV	99163	175011	6.80%	1.035%
17	10.311	1239	1246	1255	rBV	131953	240403	9.34%	1.422%
18	10.675	1300	1308	1315	rBV	150581	261598	10.17%	1.548%
19	10.810	1324	1331	1343	rBV2	75889	135486	5.27%	0.802%
20	11.410	1430	1433	1440	rBV3	10818	18797	0.73%	0.111%
21	13.924	1851	1861	1868	rVV	252704	371323	14.43%	2.197%
22	14.206	1902	1909	1922	rVB	265343	422072	16.40%	2.497%
23	14.518	1954	1962	1968	rVB	242009	372963	14.49%	2.207%
24	14.741	1991	2000	2011	rBV3	69307	148313	5.76%	0.877%
25	15.511	2124	2131	2137	rBV	368946	532297	20.69%	3.149%
26	15.646	2148	2154	2165	rVB	89540	143697	5.58%	0.850%
27	16.233	2249	2254	2255	rBV2	10434	11894	0.46%	0.070%
28	16.921	2365	2371	2379	rVB7	9422	18147	0.71%	0.107%
29	17.021	2384	2388	2392	rVV3	9824	13498	0.52%	0.080%
30	17.262	2423	2429	2433	rBV	302389	454046	17.64%	2.686%
31	17.309	2433	2437	2441	rVV	128289	186682	7.25%	1.105%
32	17.362	2441	2446	2458	rVB2	363174	555880	21.60%	3.289%
33	17.667	2489	2498	2502	rBV2	12923	24275	0.94%	0.144%
34	17.761	2511	2514	2522	rBV6	5232	11457	0.45%	0.068%
35	17.849	2525	2529	2535	rVB5	7102	11828	0.46%	0.070%
36	18.137	2571	2578	2581	rBV	26997	40695	1.58%	0.241%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061334.D
Acq On : 29 May 2024 18:44
Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH662

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	18.190	2581	2587	2591	rVV2	42916	90082	3.50%	0.533%
38	18.331	2605	2611	2615	rVV3	32518	58771	2.28%	0.348%
39	18.372	2615	2618	2622	rVB2	17467	25383	0.99%	0.150%
40	18.454	2626	2632	2636	rBV6	10874	18926	0.74%	0.112%
41	18.642	2659	2664	2667	rVV	22581	32947	1.28%	0.195%
42	18.684	2667	2671	2676	rVB2	27203	40726	1.58%	0.241%
43	18.883	2697	2705	2710	rBV6	12151	23158	0.90%	0.137%
44	18.936	2710	2714	2718	rVV4	11461	18162	0.71%	0.107%
45	18.977	2718	2721	2726	rVV4	8020	11159	0.43%	0.066%
46	19.060	2730	2735	2738	rVV2	25235	48136	1.87%	0.285%
47	19.112	2742	2744	2748	rVV5	12511	19390	0.75%	0.115%
48	19.154	2748	2751	2754	rVB3	11103	13161	0.51%	0.078%
49	19.201	2754	2759	2765	rBV5	27056	52007	2.02%	0.308%
50	19.318	2772	2779	2786	rVB	332800	471796	18.33%	2.791%
51	19.383	2786	2790	2793	rBV5	9834	13986	0.54%	0.083%
52	19.418	2793	2796	2798	rBV4	9596	11486	0.45%	0.068%
53	19.518	2809	2813	2817	rBV7	9711	16600	0.65%	0.098%
54	19.565	2817	2821	2825	rVV3	10628	16536	0.64%	0.098%
55	19.653	2829	2836	2839	rBV	527592	783872	30.46%	4.638%
56	19.682	2839	2841	2849	rVB	298938	377821	14.68%	2.235%
57	19.759	2849	2854	2862	rVB4	20930	33165	1.29%	0.196%
58	19.859	2869	2871	2877	rVB	15717	22242	0.86%	0.132%
59	19.923	2878	2882	2887	rVB4	11330	17467	0.68%	0.103%
60	20.006	2890	2896	2904	rBV3	27575	68145	2.65%	0.403%
61	20.094	2907	2911	2914	rBV6	10032	16776	0.65%	0.099%
62	20.176	2922	2925	2933	rVB4	47438	98035	3.81%	0.580%
63	20.276	2939	2942	2945	rVV2	24865	28127	1.09%	0.166%
64	20.335	2946	2952	2956	rVV3	38077	67555	2.63%	0.400%
65	20.370	2956	2958	2963	rVB6	12716	15283	0.59%	0.090%
66	20.417	2963	2966	2969	rVB4	8979	10902	0.42%	0.065%
67	20.476	2972	2976	2979	rBV	29984	37533	1.46%	0.222%
68	20.523	2979	2984	2987	rVB2	23140	31985	1.24%	0.189%
69	20.570	2989	2992	2997	rVB	27143	33215	1.29%	0.197%
70	20.628	2999	3002	3007	rVB7	11583	18799	0.73%	0.111%
71	20.687	3009	3012	3016	rVB3	19846	21791	0.85%	0.129%
72	20.728	3016	3019	3022	rBV4	12190	17496	0.68%	0.104%
73	20.934	3049	3054	3058	rVB	47683	68504	2.66%	0.405%
74	20.998	3062	3065	3068	rVB4	11403	11823	0.46%	0.070%
75	21.104	3076	3083	3087	rBV2	40569	84770	3.29%	0.502%
76	21.145	3087	3090	3093	rVV2	32331	52135	2.03%	0.308%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061334.D
Acq On : 29 May 2024 18:44
Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH662

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	21.181	3093	3096	3104	rVV4	86821	199653	7.76%	1.181%
78	21.257	3104	3109	3116	rVB	49334	96375	3.75%	0.570%
79	21.410	3122	3135	3140	rBV2	99928	184748	7.18%	1.093%
80	21.516	3145	3153	3157	rVV2	407076	888387	34.52%	5.256%
81	21.563	3157	3161	3171	rVB	172380	300747	11.69%	1.779%
82	21.709	3182	3186	3191	rVB2	38274	57101	2.22%	0.338%
83	21.909	3215	3220	3228	rBV3	25933	65745	2.55%	0.389%
84	22.221	3270	3273	3279	rVB	33954	51420	2.00%	0.304%
85	22.291	3280	3285	3293	rBV4	60685	116698	4.54%	0.690%
86	22.485	3315	3318	3321	rVB5	14199	15112	0.59%	0.089%
87	22.620	3336	3341	3352	rVB5	17246	54776	2.13%	0.324%
88	22.932	3387	3394	3407	rVB2	156640	340689	13.24%	2.016%
89	23.284	3448	3454	3461	rVB2	111845	230196	8.95%	1.362%
90	23.625	3504	3512	3519	rBV2	142960	443896	17.25%	2.626%
91	23.795	3534	3541	3548	rBV5	44390	136075	5.29%	0.805%
92	24.318	3623	3630	3635	rBV	71978	169330	6.58%	1.002%
93	24.395	3635	3643	3649	rVV	255488	663072	25.77%	3.923%
94	24.453	3649	3653	3666	rVB	110738	278622	10.83%	1.648%
95	24.606	3666	3679	3686	rBV2	221644	660298	25.66%	3.907%
96	25.699	3856	3865	3873	rVB3	71964	216233	8.40%	1.279%
97	26.968	4077	4081	4089	rVB7	15159	37127	1.44%	0.220%
98	28.096	4263	4273	4275	rBV4	41362	105754	4.11%	0.626%
99	28.519	4331	4345	4359	rBV5	42927	212670	8.26%	1.258%
100	29.183	4450	4458	4469	rVB4	24336	98844	3.84%	0.585%

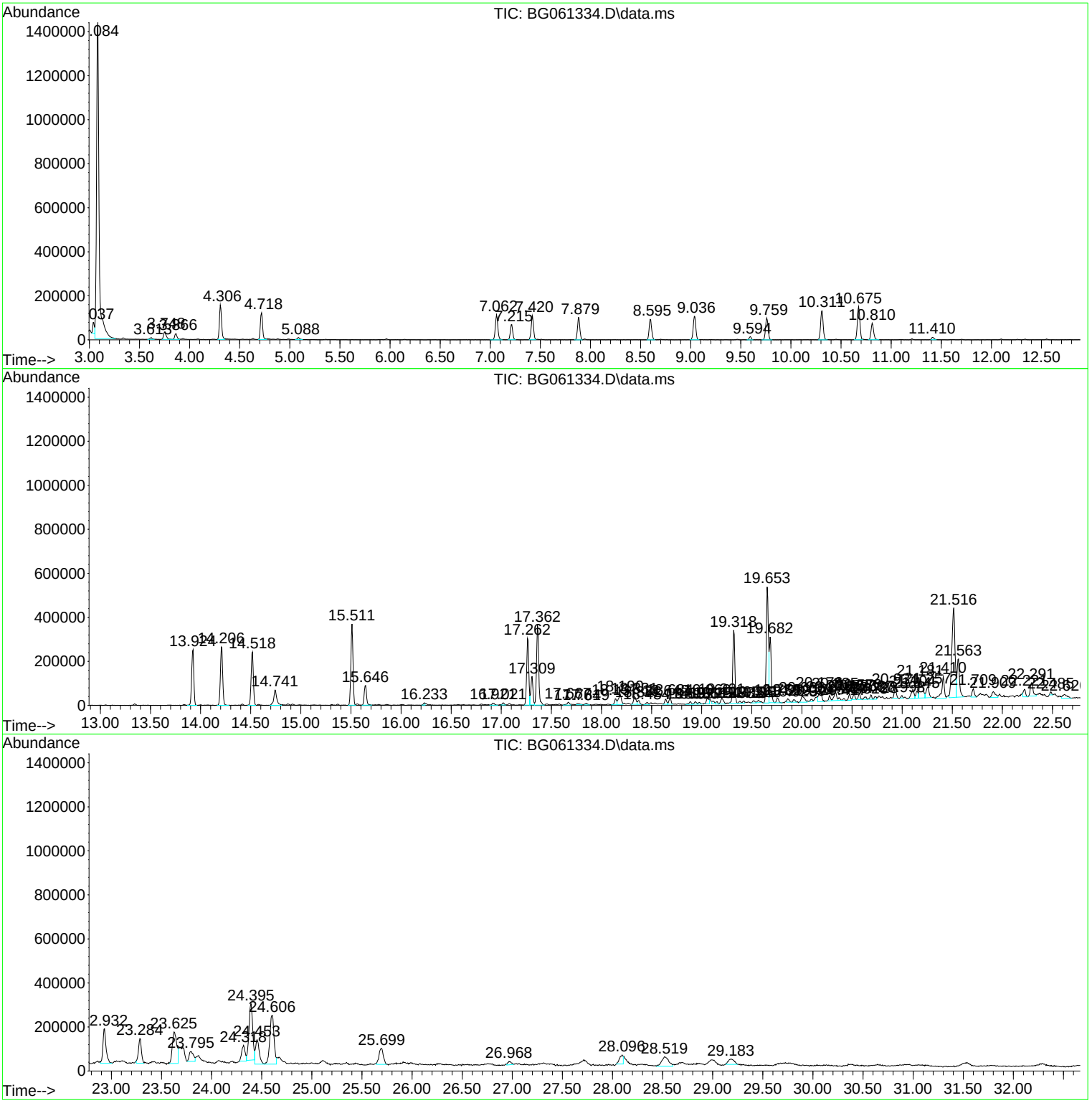
Sum of corrected areas: 16901792

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061334.D
Acq On : 29 May 2024 18:44
Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH662

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\BG052924\
Data File : BG061334.D
Acq On : 29 May 2024 18:44
Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH662

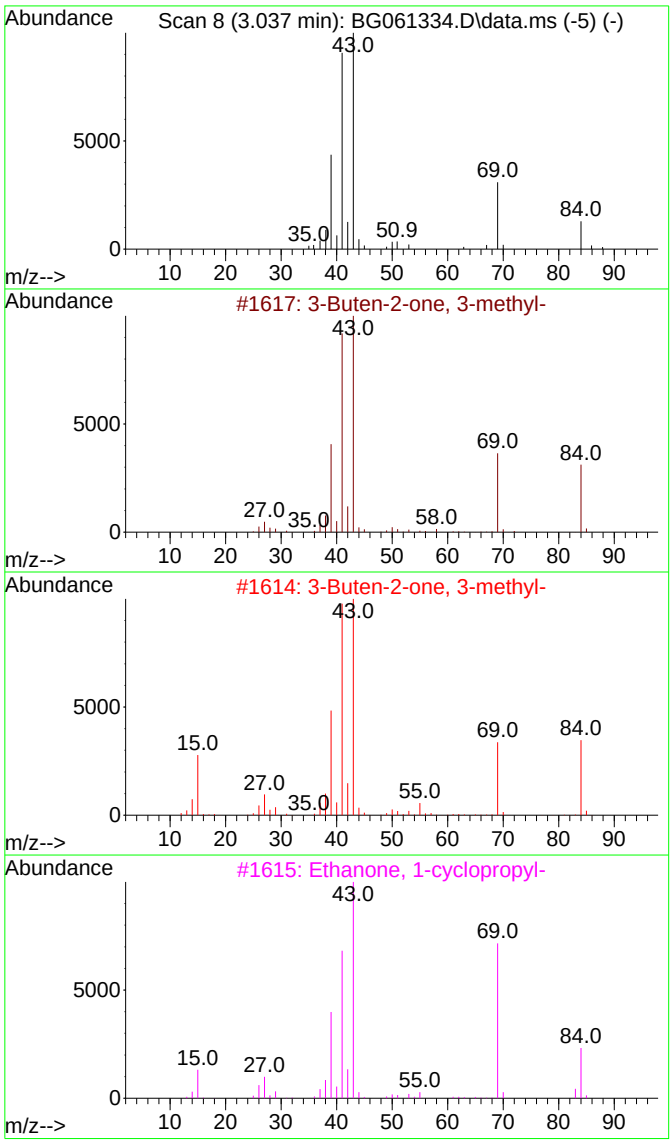
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

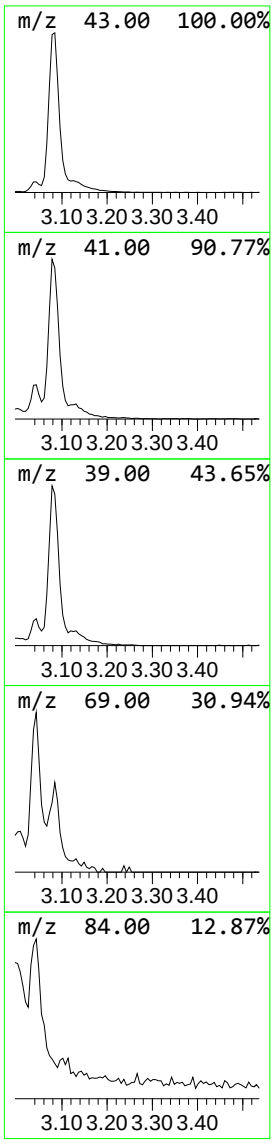
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Buten-2-one, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	7.74 ng/ul	65830	1,4-Dichlorobenzene-d4	7.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	90
2	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	78
3	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	59
4	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	47
5	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061334.D
Acq On : 29 May 2024 18:44
Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH662

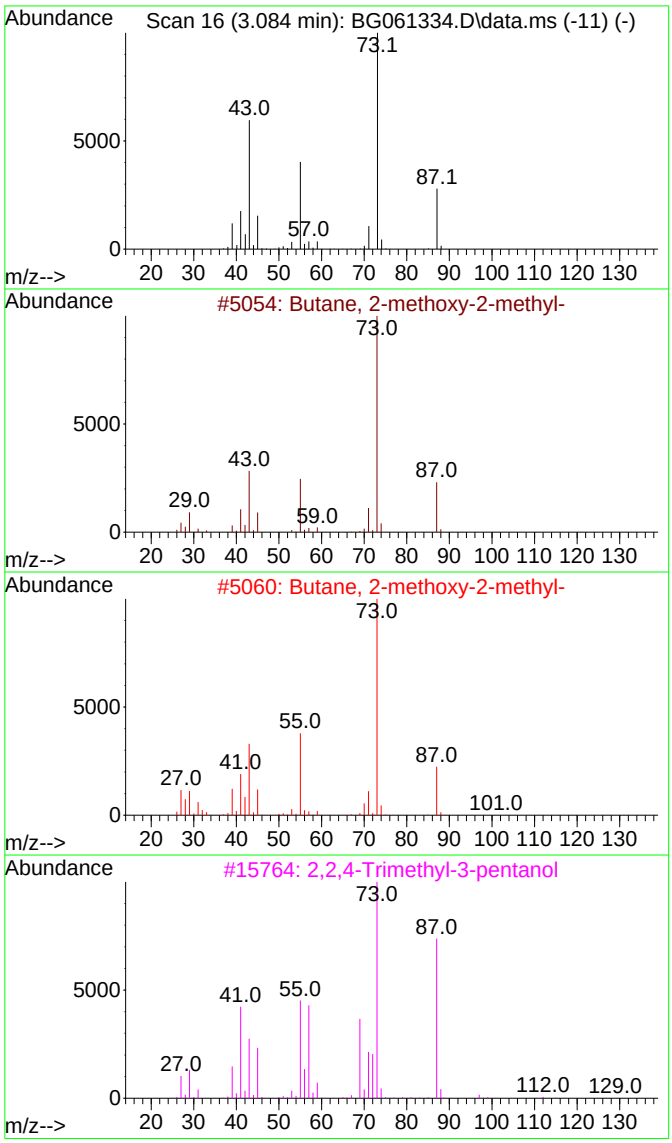
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

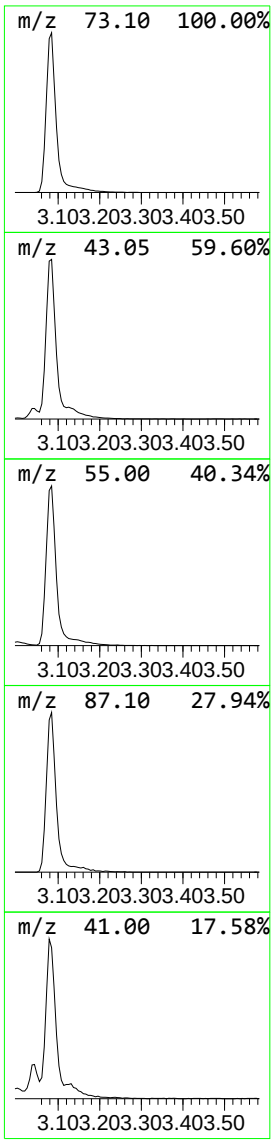
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.084	302.38 ng/ul	2573270	1,4-Dichlorobenzene-d4	7.884

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	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061334.D
Acq On : 29 May 2024 18:44
Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH662

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

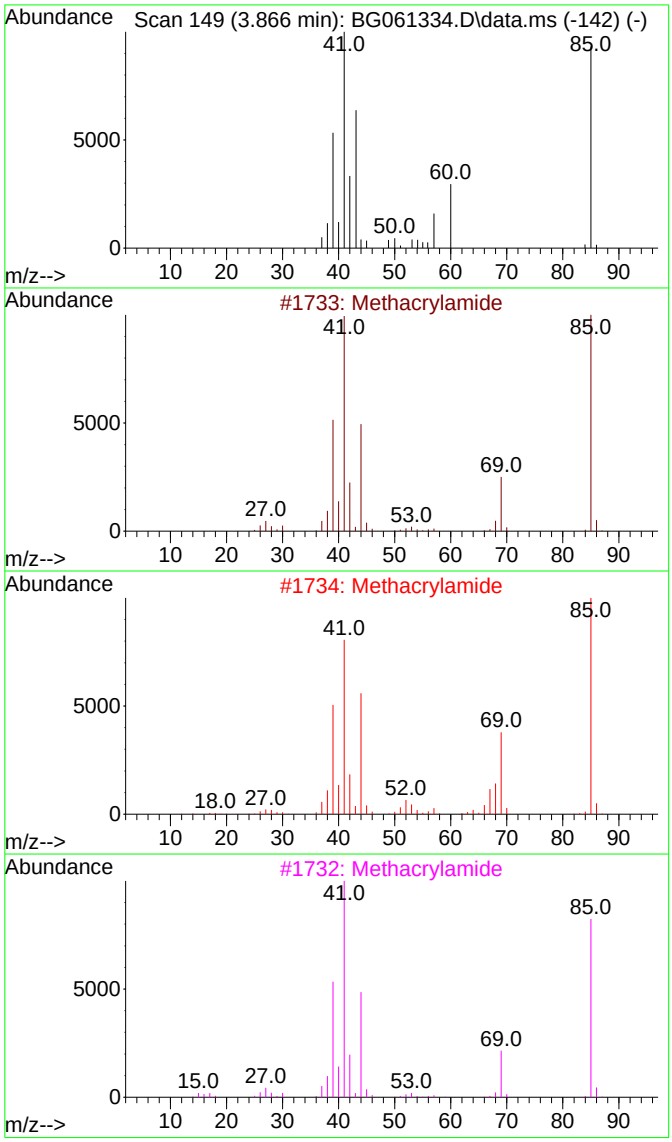
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

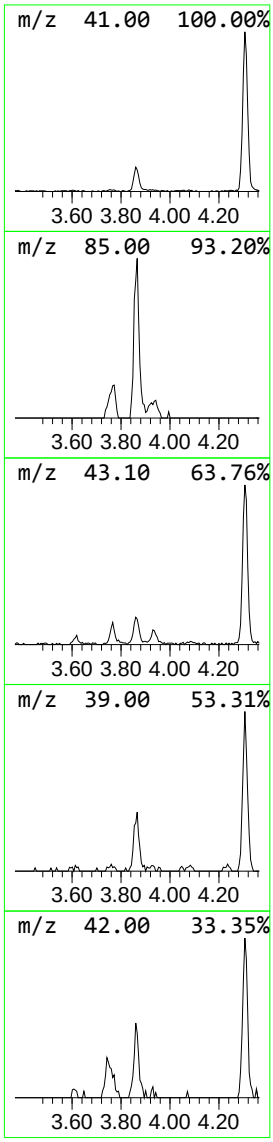
****

Peak Number 3 Methacrylamide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.866	4.93 ng/ul	41982	1,4-Dichlorobenzene-d4	7.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	59
2	Methacrylamide	85	C4H7NO	000079-39-0	59
3	Methacrylamide	85	C4H7NO	000079-39-0	45
4	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	23
5	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061334.D
Acq On : 29 May 2024 18:44
Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH662

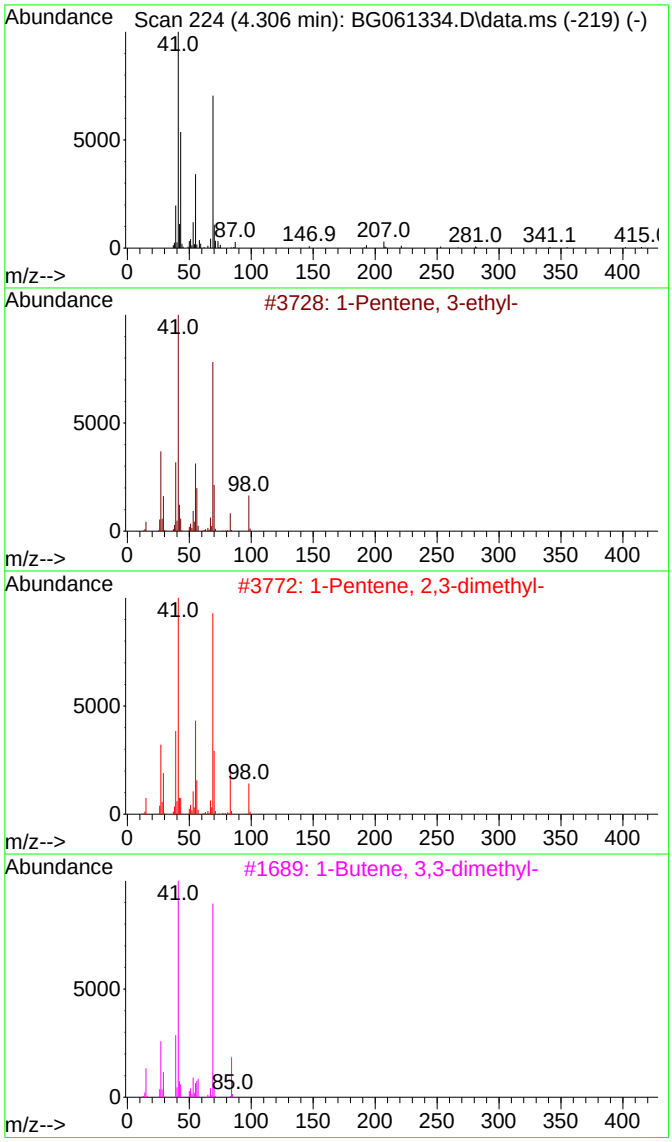
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

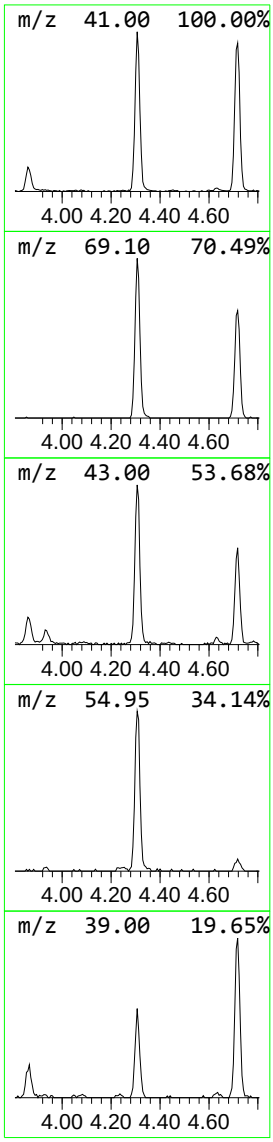
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.306	27.64 ng/ul	235190	1,4-Dichlorobenzene-d4	7.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	40
2	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	40
3	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	38
4	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	38
5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061334.D
Acq On : 29 May 2024 18:44
Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH662

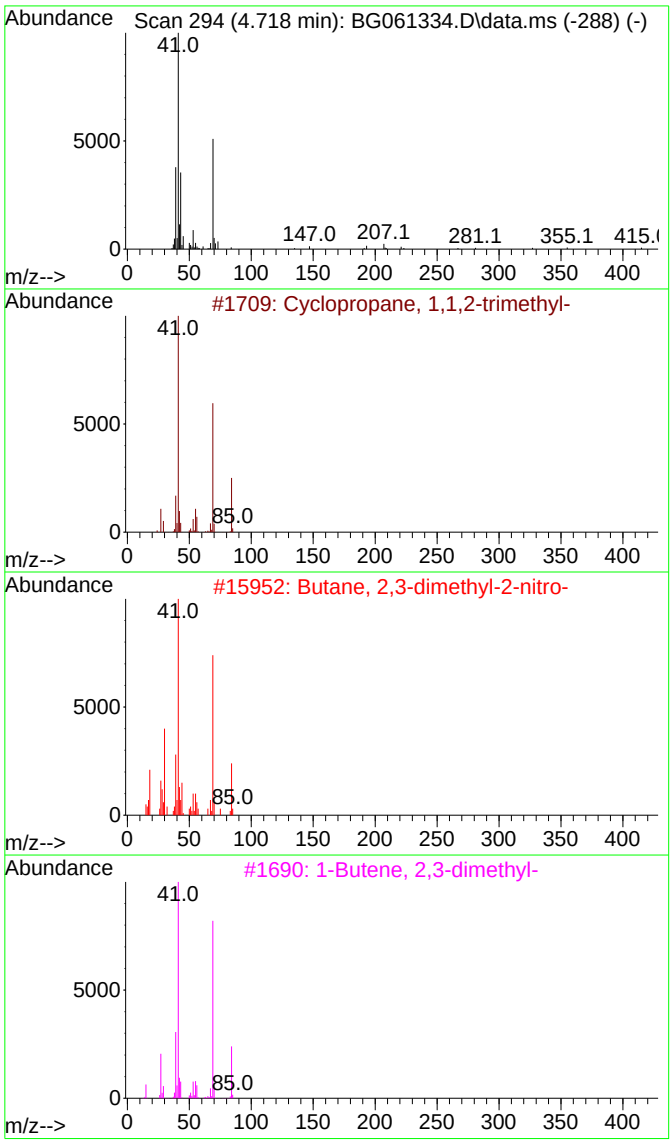
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

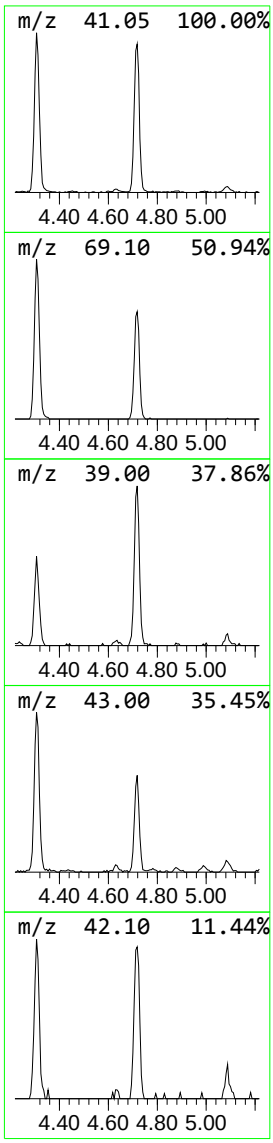
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic4.718 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.718	21.89 ng/ul	186293	1,4-Dichlorobenzene-d4	7.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	50
2	Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	33
3	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	32
4	1-Pentene, 5-bromo-	148	C5H9Br	001119-51-3	23
5	Cyclopropanecarboxylic acid, 2-p...	156	C9H16O2	1000278-80-0	23





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Acq On : 29 May 2024 18:44
Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH662

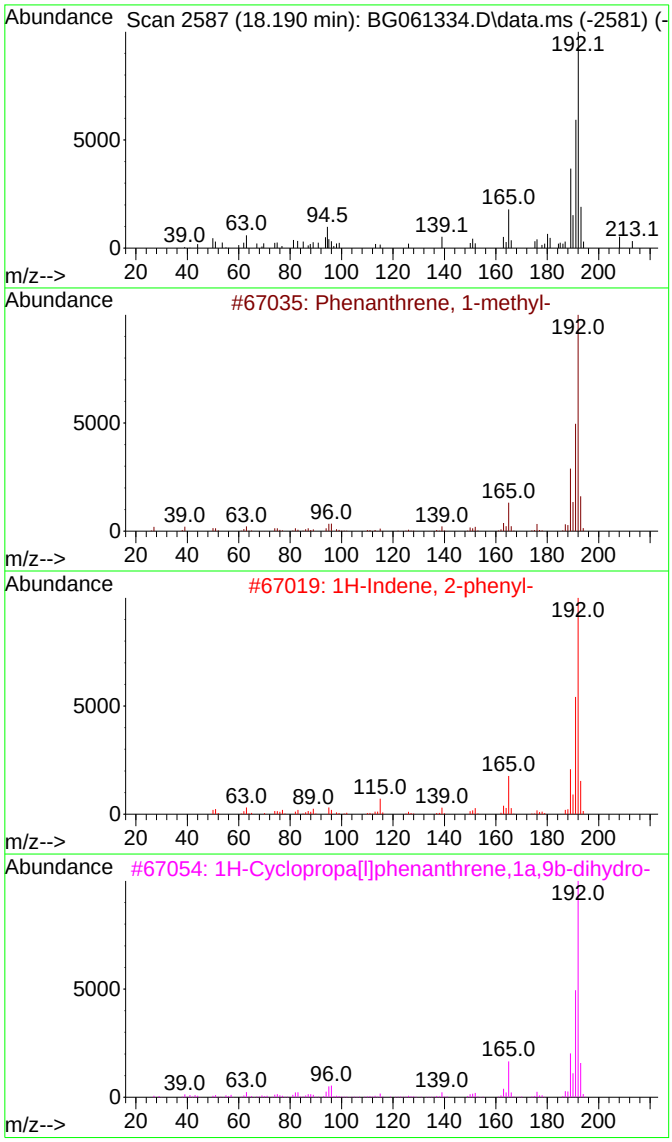
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

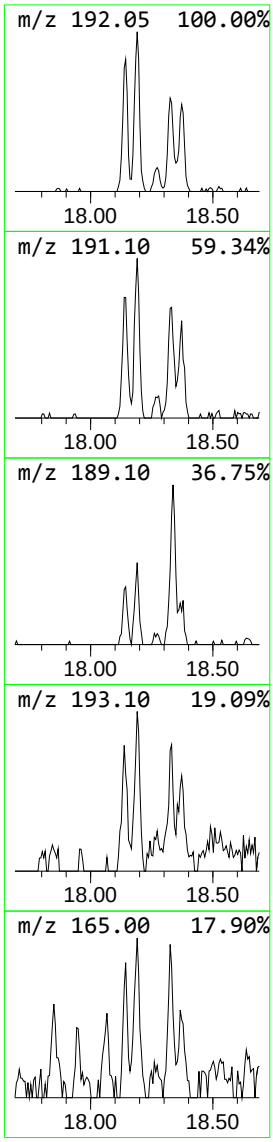
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.190	3.97 ng/ul	90082	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





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Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH662

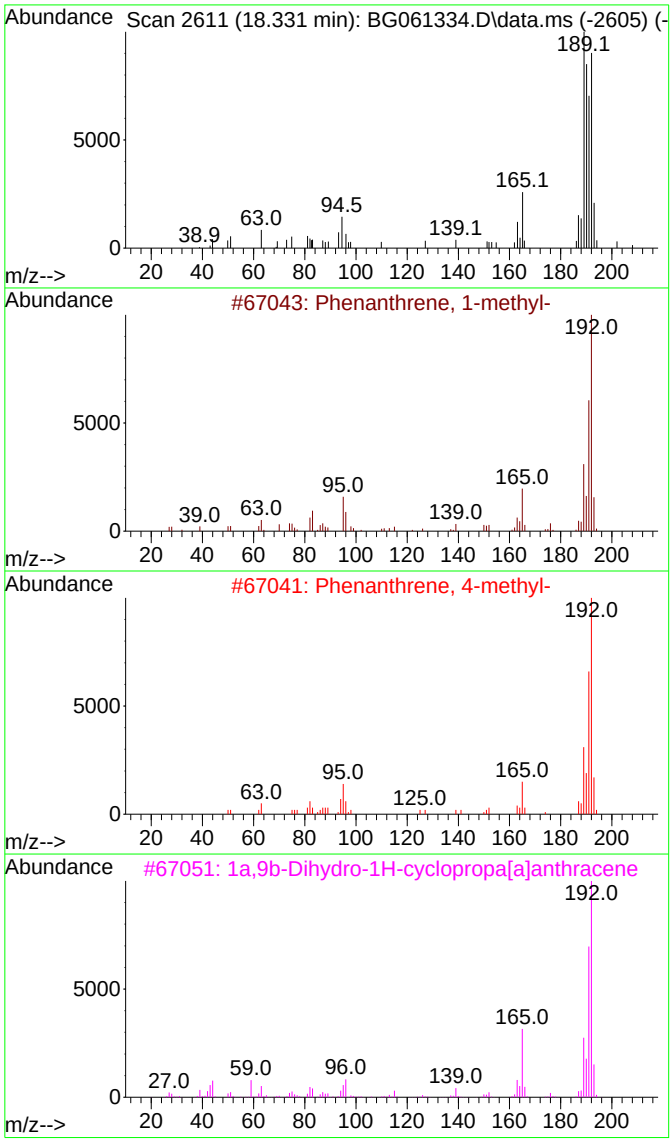
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

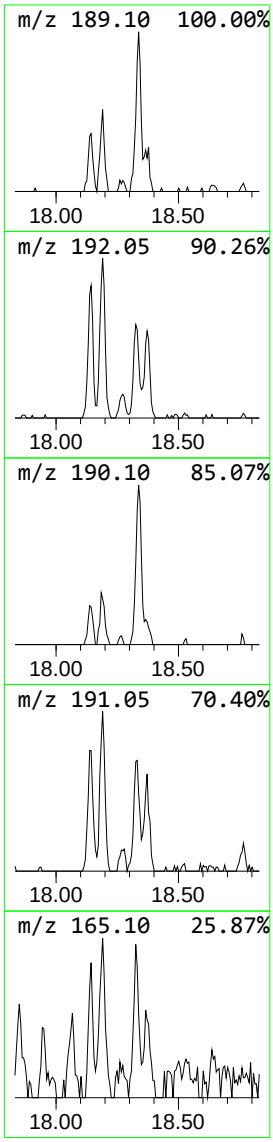
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.331	2.59 ng/ul	58771	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	46





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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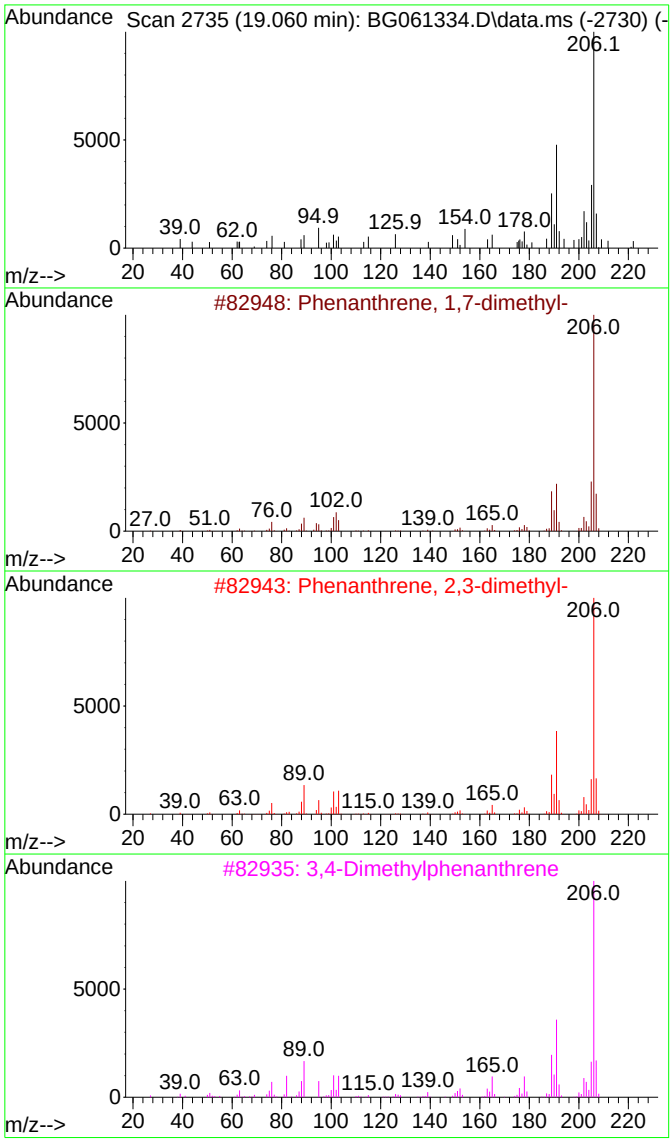
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

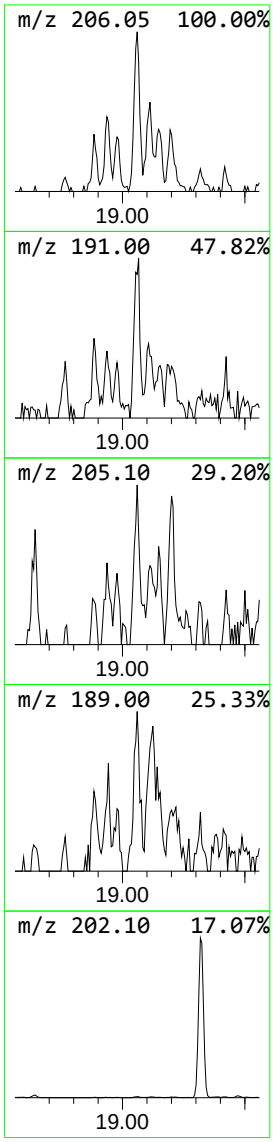
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.060	2.12 ng/ul	48136	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	81
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76





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Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

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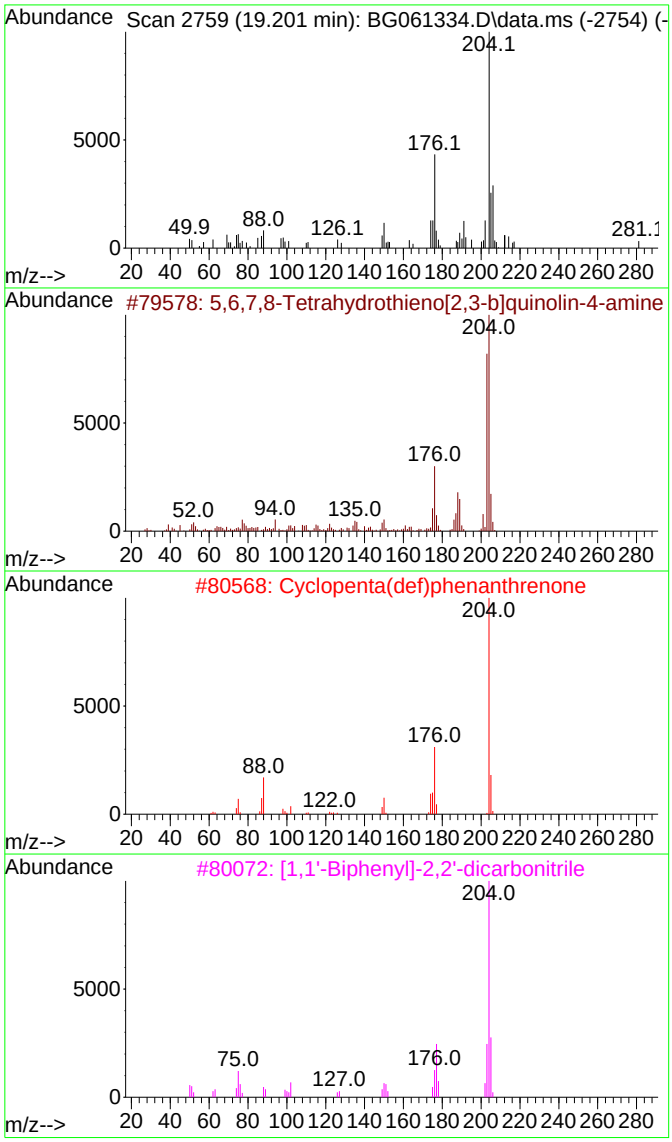
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

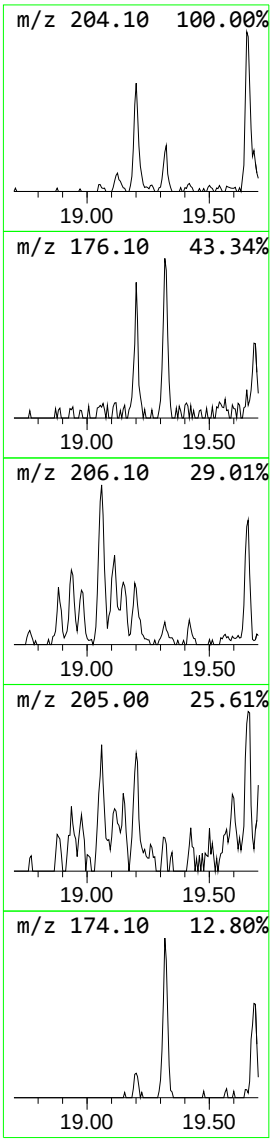
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5,6,7,8-Tetrahydrothieno[2,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.201	2.29 ng/ul	52007	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	52
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4	[1,1'-Biphenyl]-2-ol, 3-chloro-	204	C12H9ClO	000085-97-2	43
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43





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Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

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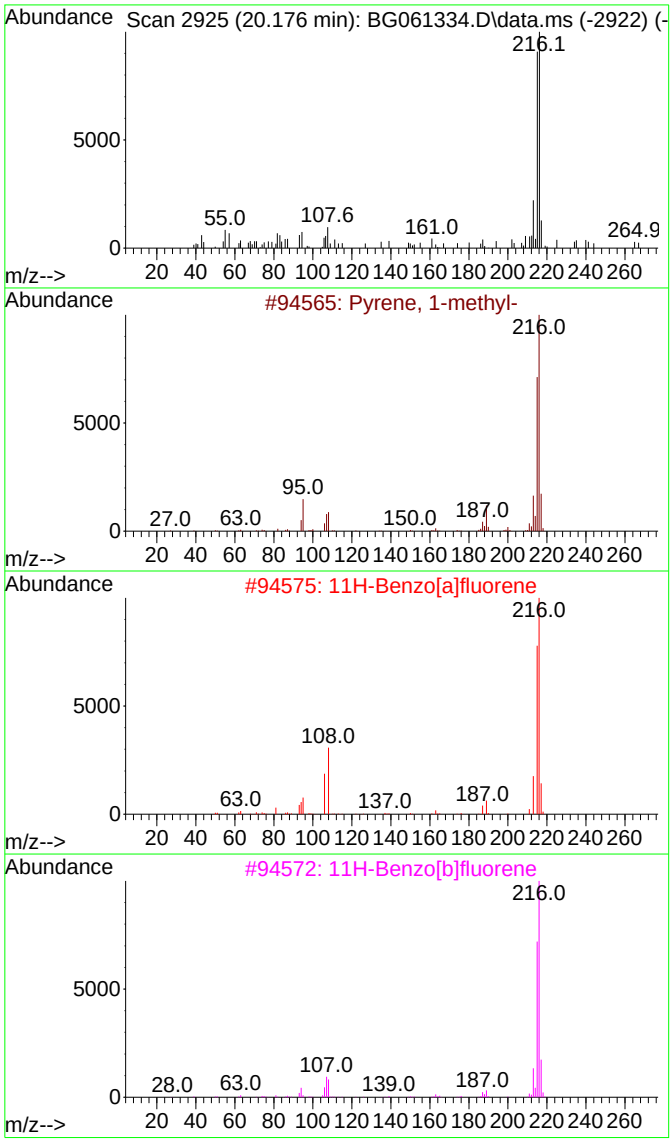
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

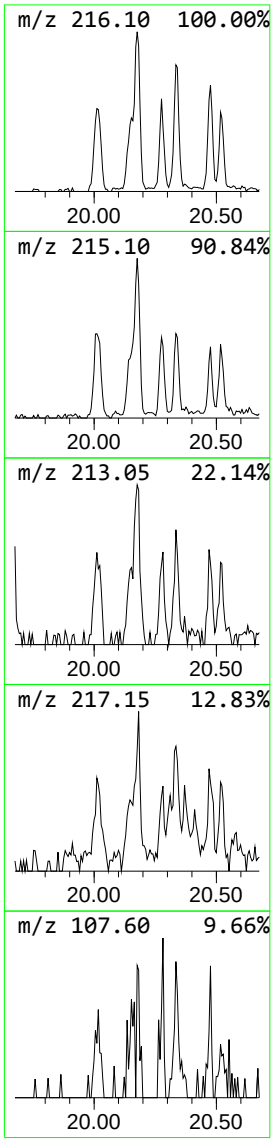
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.176	2.21 ng/ul	98035	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

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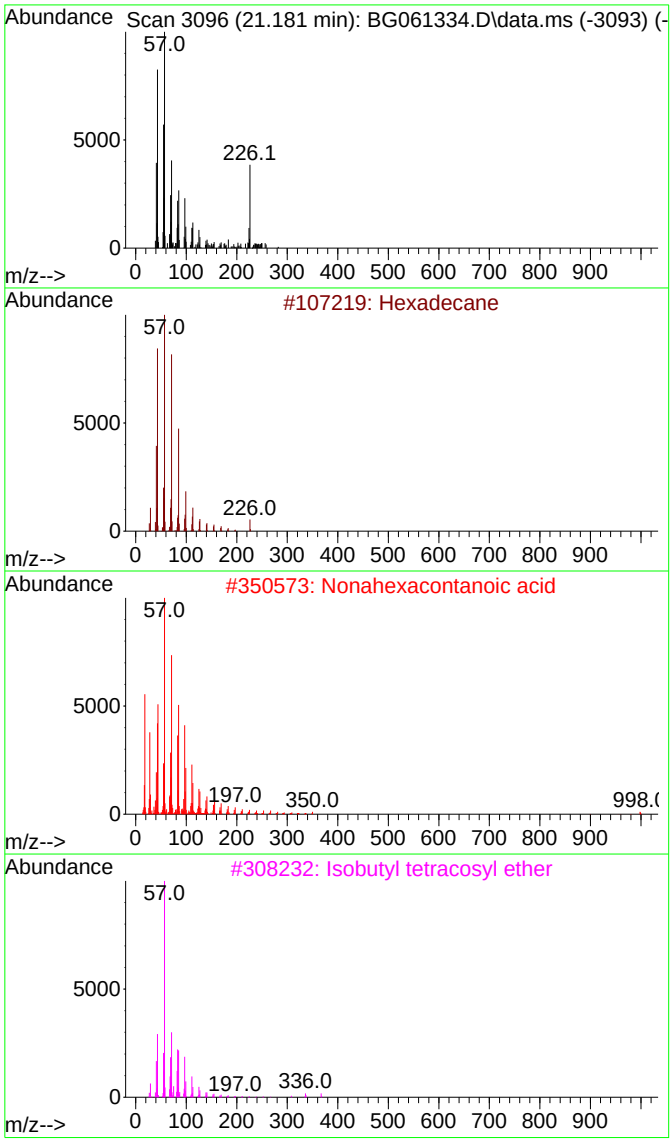
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

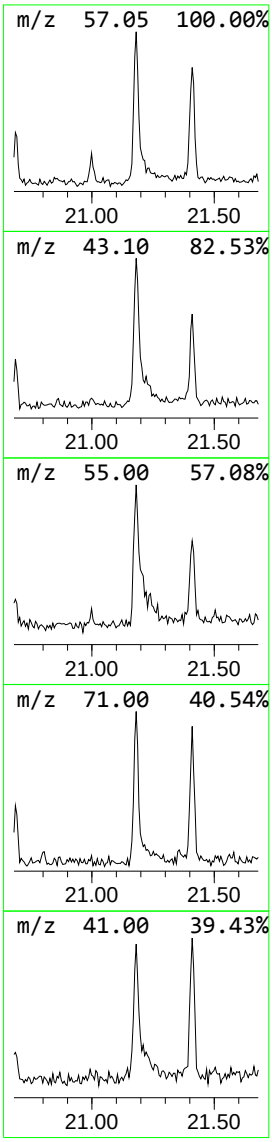
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.181	4.49 ng/ul	199653	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	58
2	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	49
3	Isobutyl tetracosyl ether	410	C28H58O	1000406-33-2	49
4	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1010309-70-5	49
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	49





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Acq On : 29 May 2024 18:44
Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH662

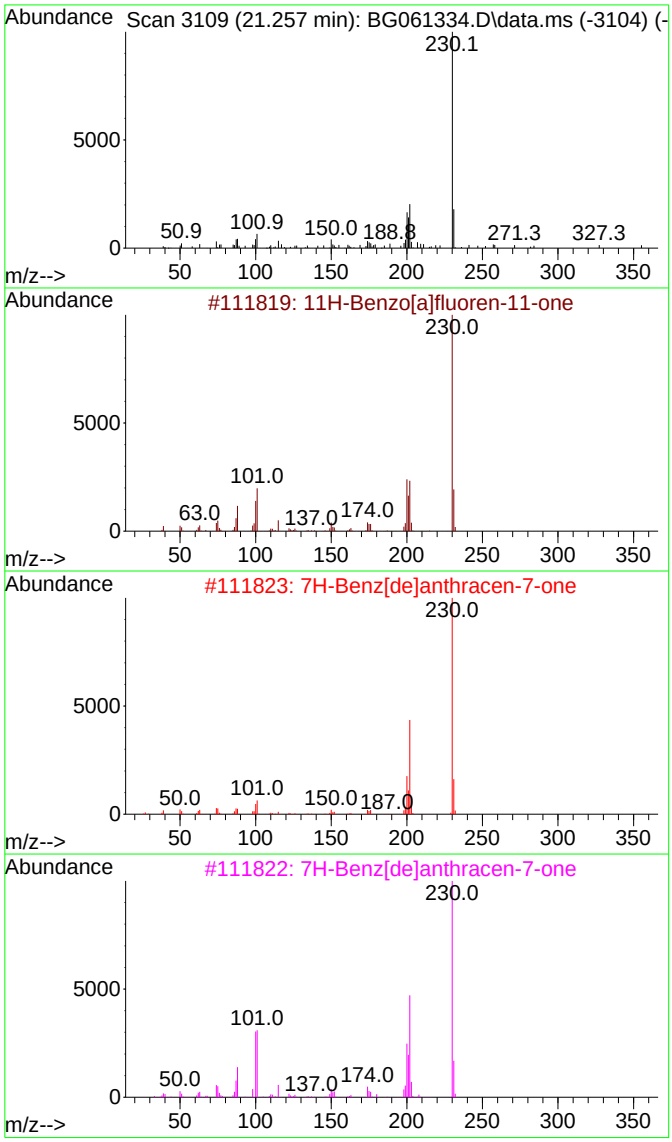
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

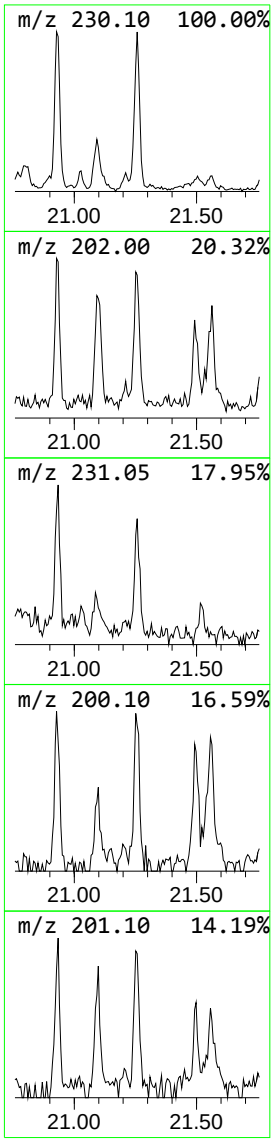
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.257	2.17 ng/ul	96375	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72





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Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

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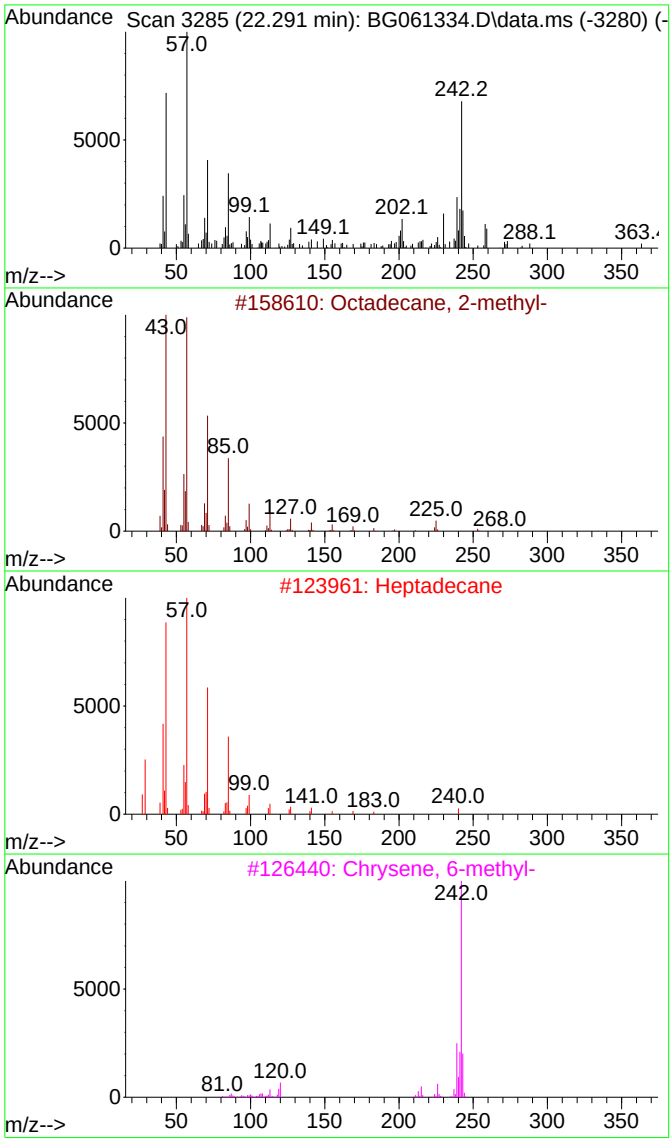
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

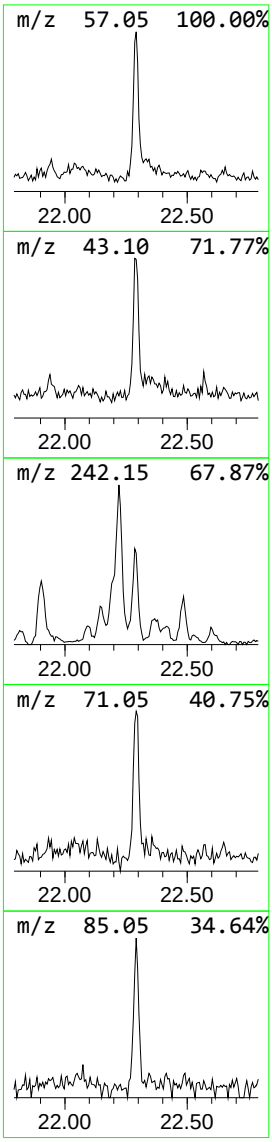
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.291	2.63 ng/ul	116698	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	47
2	Heptadecane	240	C17H36	000629-78-7	47
3	Chrysene, 6-methyl-	242	C19H14	001705-85-7	41
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	38
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	38





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH662

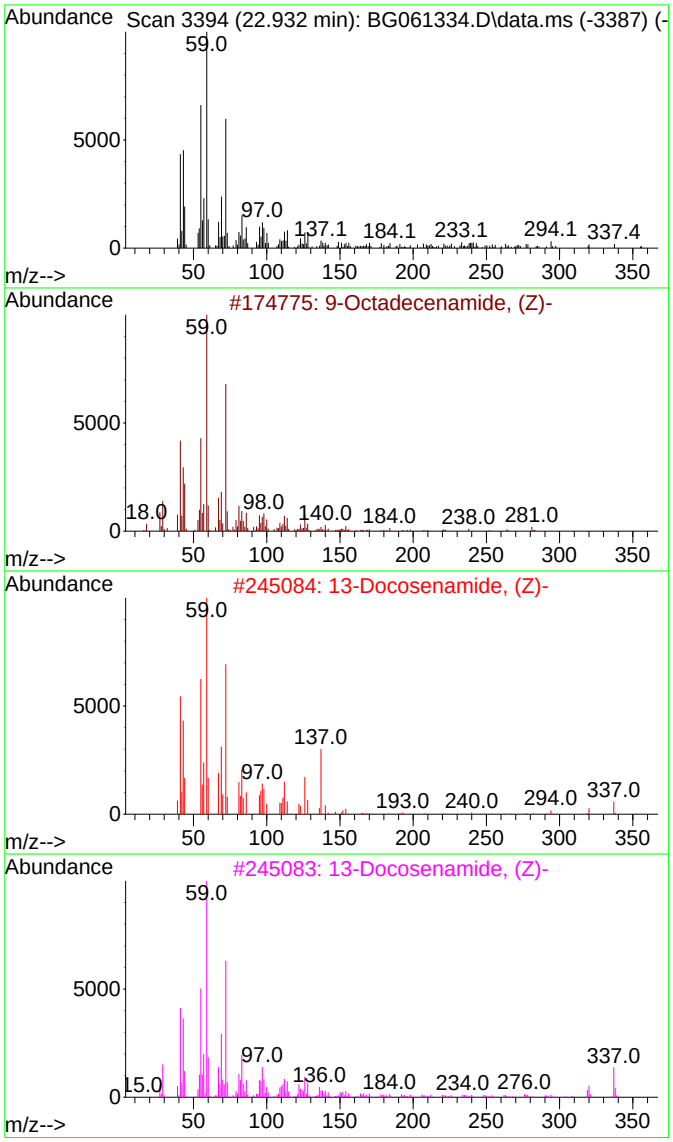
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

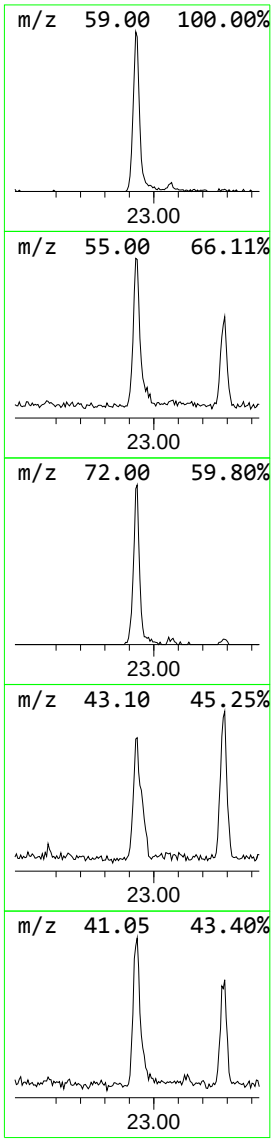
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.932	7.67 ng/ul	340689	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	76
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74
5	Hexadecanamide	255	C16H33NO	000629-54-9	59





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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

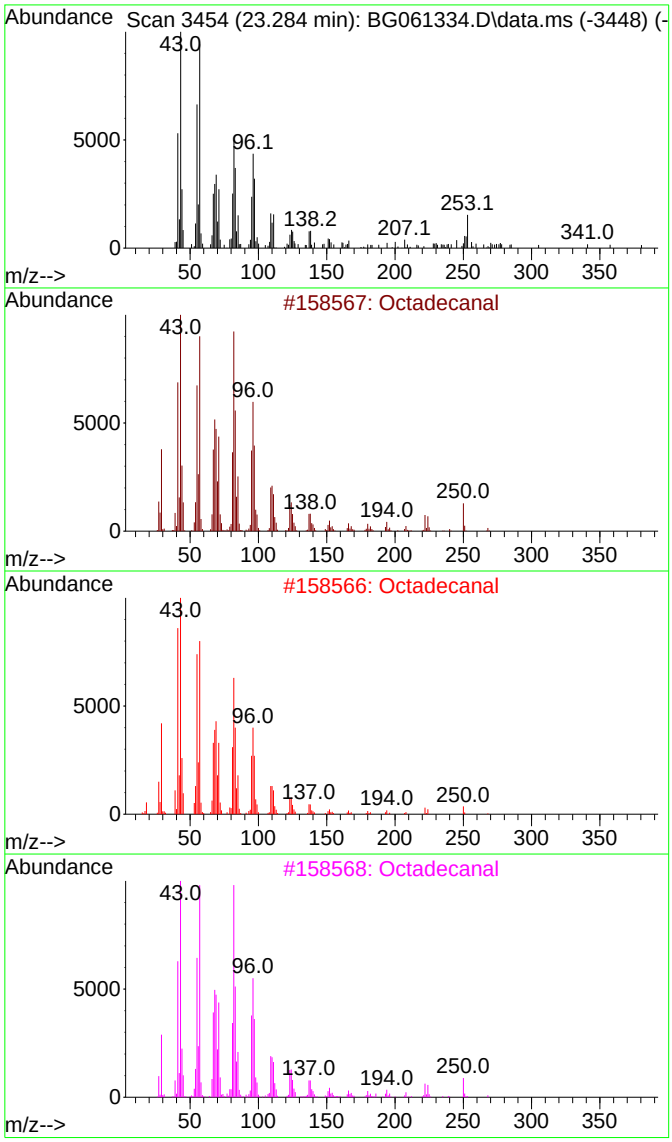
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

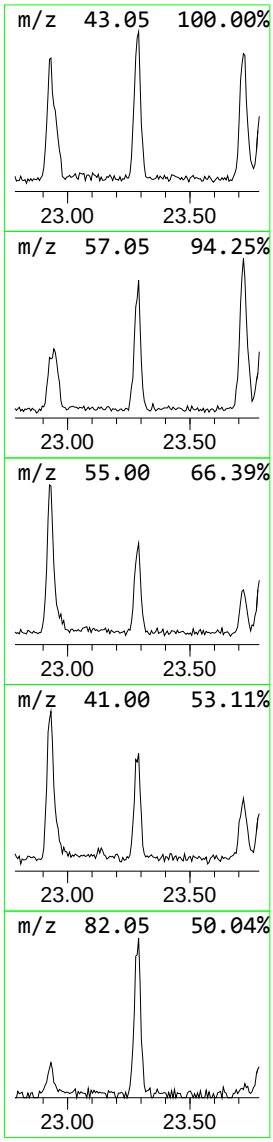
****

Peak Number 15 Octadecanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.284	6.97 ng/ul	230196	Perylene-d12	24.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	93
2	Octadecanal	268	C18H36O	000638-66-4	90
3	Octadecanal	268	C18H36O	000638-66-4	78
4	Octadecanal	268	C18H36O	000638-66-4	78
5	1,19-Eicosadiene	278	C20H38	014811-95-1	74





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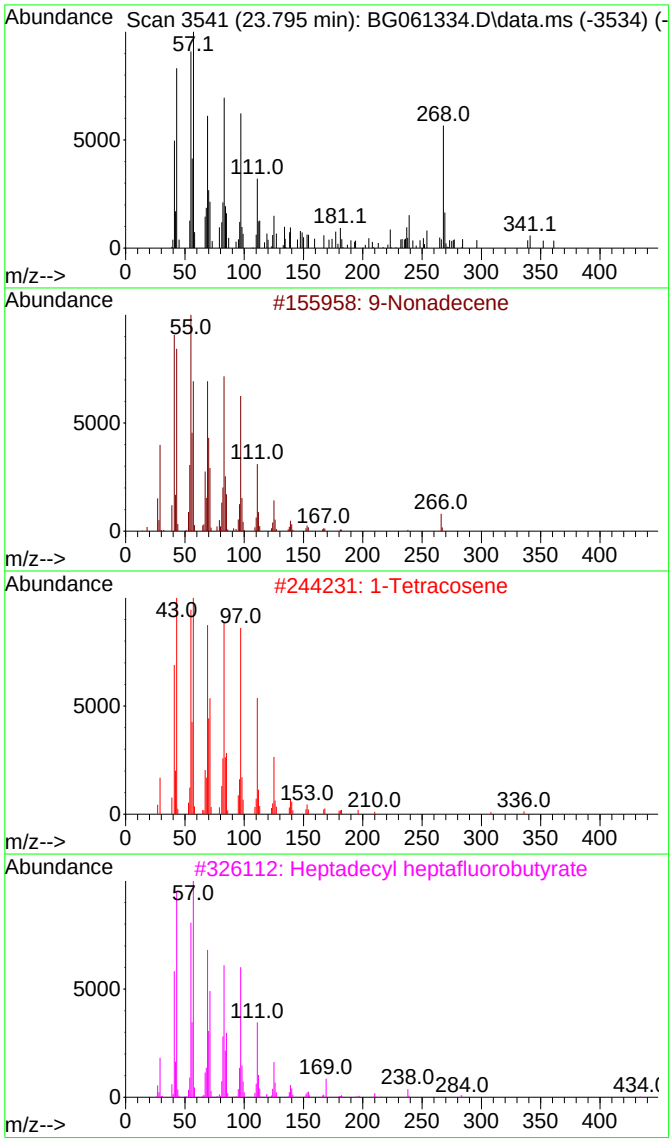
Quant Title : SVOA CALIBRATION

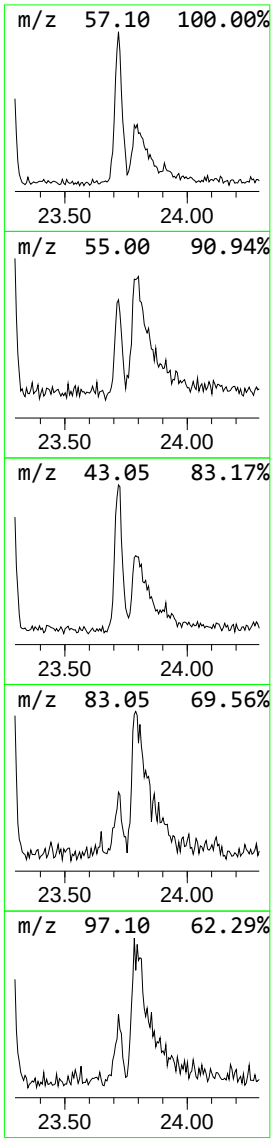
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.795	4.12 ng/ul	136075	Perylene-d12	24.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Nonadecene	266	C19H38	031035-07-1	70
2	1-Tetracosene	336	C24H48	010192-32-2	62
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	62
4	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	60
5	E-14-Hexadecenal	238	C16H30O	330207-53-9	55





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Acq On : 29 May 2024 18:44
Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

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

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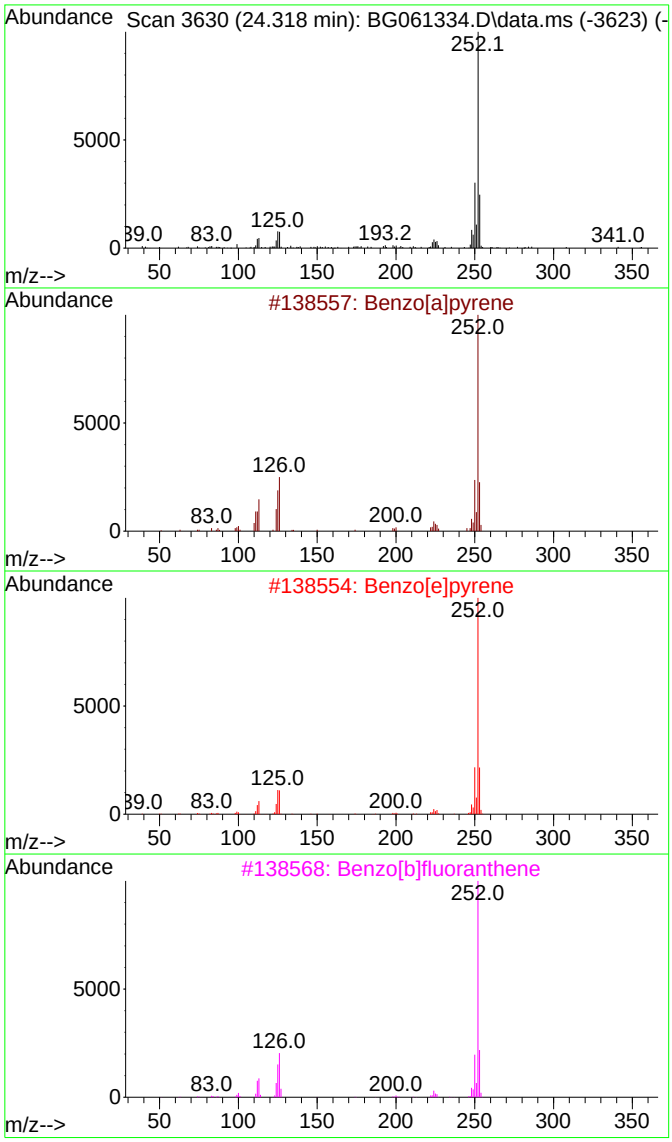
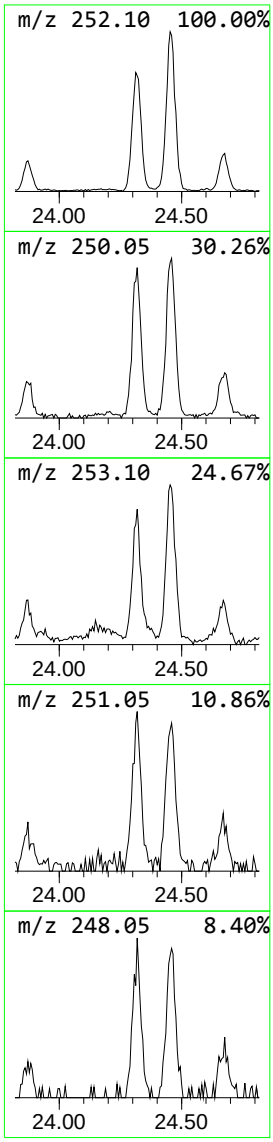
Peak Number 17 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.318	5.13 ng/ul	169330	Perylene-d12	24.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	Benzo[e]pyrene	252	C20H12	000192-97-2	81
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061334.D
Acq On : 29 May 2024 18:44
Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH662

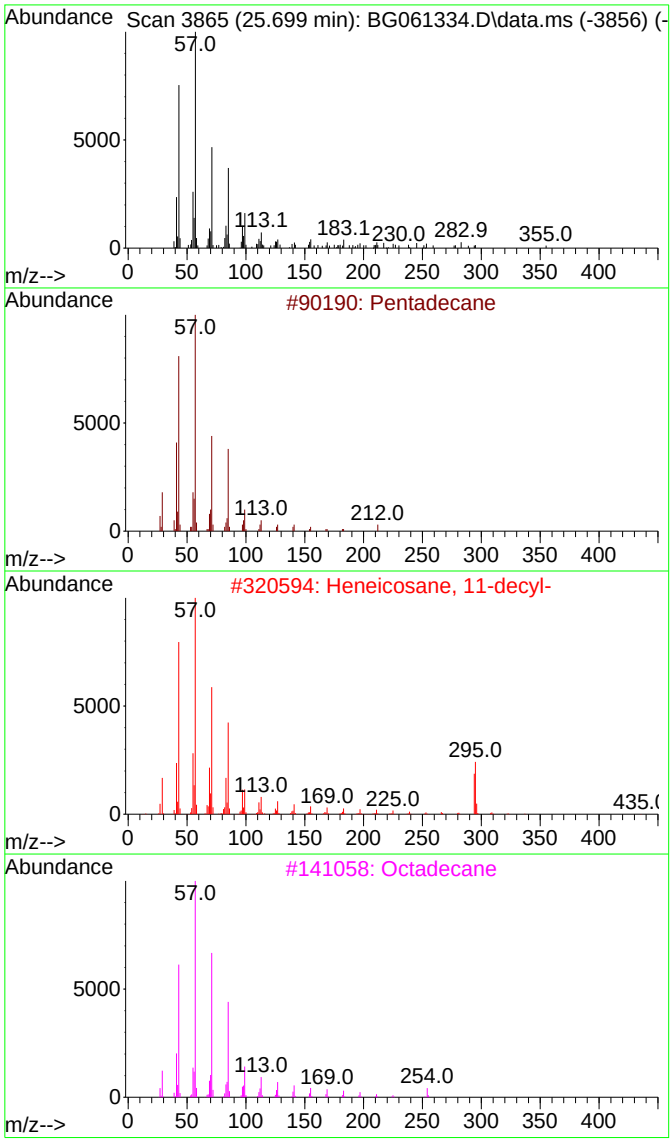
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

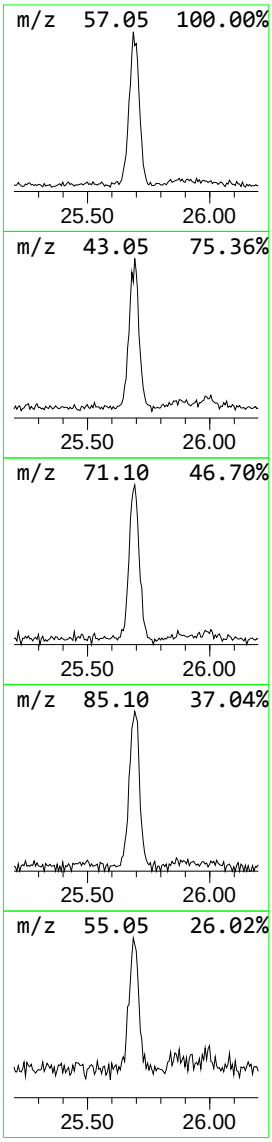
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.699	6.55 ng/ul	216233	Perylene-d12	24.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	86
3	Octadecane	254	C18H38	000593-45-3	80
4	Heneicosane	296	C21H44	000629-94-7	80
5	Hentriacontane	437	C31H64	000630-04-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061334.D
Acq On : 29 May 2024 18:44
Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH662

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

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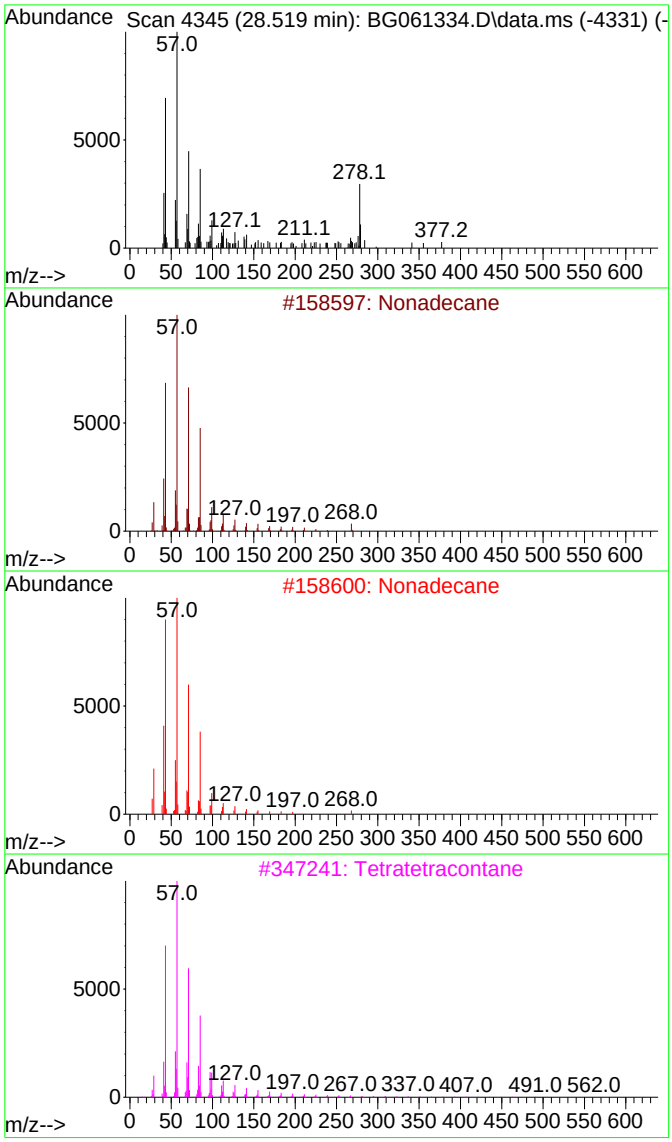
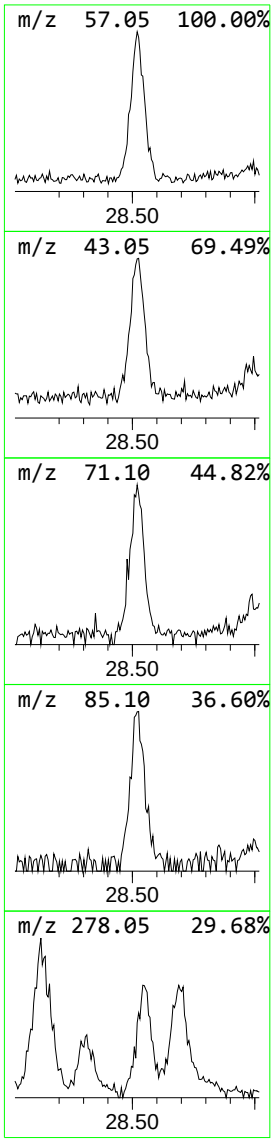
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.519	6.44 ng/ul	212670	Perylene-d12	24.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	92
2	Nonadecane	268	C19H40	000629-92-5	90
3	Tetratetracontane	619	C44H90	007098-22-8	64
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	64
5	Tetradecane	198	C14H30	000629-59-4	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061334.D
Acq On : 29 May 2024 18:44
Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH662

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
3-Buten-2-one, ...	3.037	7.7	ng/ul	65830	1	7.884	170203	20.0
Butane, 2-metho...	3.084	302.4	ng/ul	2573270	1	7.884	170203	20.0
Methacrylamide	3.866	4.9	ng/ul	41982	1	7.884	170203	20.0
(DEL) Alkane: S...	4.306	27.6	ng/ul	235190	1	7.884	170203	20.0
(DEL) Alkane: C...	4.718	21.9	ng/ul	186293	1	7.884	170203	20.0
Phenanthrene, 1...	18.190	4.0	ng/ul	90082	4	17.262	454046	20.0
Phenanthrene, 4...	18.331	2.6	ng/ul	58771	4	17.262	454046	20.0
Phenanthrene, 1...	19.060	2.1	ng/ul	48136	4	17.262	454046	20.0
5,6,7,8-Tetrahy...	19.201	2.3	ng/ul	52007	4	17.262	454046	20.0
Pyrene, 1-methyl-	20.176	2.2	ng/ul	98035	5	21.515	888387	20.0
(DEL) Alkane: S...	21.181	4.5	ng/ul	199653	5	21.515	888387	20.0
11H-Benzo[a]flu...	21.257	2.2	ng/ul	96375	5	21.515	888387	20.0
(DEL) Alkane: S...	22.291	2.6	ng/ul	116698	5	21.515	888387	20.0
9-Octadecenamid...	22.932	7.7	ng/ul	340689	5	21.515	888387	20.0
Octadecanal	23.284	7.0	ng/ul	230196	6	24.600	660298	20.0
(DEL) Alkane: S...	23.795	4.1	ng/ul	136075	6	24.600	660298	20.0
Benzo[e]pyrene	24.318	5.1	ng/ul	169330	6	24.600	660298	20.0
(DEL) Alkane: S...	25.699	6.5	ng/ul	216233	6	24.600	660298	20.0
(DEL) Alkane: S...	28.519	6.4	ng/ul	212670	6	24.600	660298	20.0