LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049800.D
Acq On : 11 Aug 2021 23:07
Operator : CG/JU
Sample : M3287-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGB11

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-BG080421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049800.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.143	13	18	37	rVB	403352	716864	80.36%	8.072%
2	3.407	61	63	67	rVB4	5208	6614	0.74%	0.074%
3	3.801	126	130	131	rBV3	1711	1988	0.22%	0.022%
4	3.848	134	138	147	rVV	22737	45211	5.07%	0.509%
5	3.942	150	154	160	rVB3	11619	20682	2.32%	0.233%
6	4.071	173	176	177	rBV2	2340	2871	0.32%	0.032%
7	4.177	189	194	200	rVB2	9145	13433	1.51%	0.151%
8	4.741	286	290	296	rVB7	3682	5087	0.57%	0.057%
9	4.970	327	329	332	rBV2	1492	2149	0.24%	0.024%
10	5.211	364	370	373	rBV4	3029	5619	0.63%	0.063%
11	5.593	432	435	437	rBV2	1604	1990	0.22%	0.022%
12	5.916	488	490	494	rBV2	1859	2166	0.24%	0.024%
13	6.104	519	522	525	rBV	1040	1873	0.21%	0.021%
14	6.679	616	620	621	rBV2	1629	2120	0.24%	0.024%
15	7.196	700	708	716	rBV2	70879	129707	14.54%	1.461%
16	7.355	727	735	744	rBV	41916	78196	8.77%	0.881%
17	7.566	763	771	780	rVB	69199	123652	13.86%	1.392%
18	8.036	843	851	859	rBV	108075	194955	21.86%	2.195%
19	8.747	965	972	983	rBV3	84790	153946	17.26%	1.733%
20	8.865	988	992	995	rBV2	1699	2288	0.26%	0.026%
21	9.200	1041	1049	1057	rBV2	71619	135173	15.15%	1.522%
22	9.928	1165	1173	1183	rBV3	68151	126814	14.22%	1.428%
23	10.480	1260	1267	1279	rBV	97231	183191	20.54%	2.063%
24	10.621	1284	1291	1301	rBV2	12646	28427	3.19%	0.320%
25	10.856	1323	1331	1337	rBV	151389	276576	31.01%	3.114%
26	10.903	1337	1339	1344	rVB4	5600	8090	0.91%	0.091%
27	10.991	1346	1354	1365	rBV2	44277	96090	10.77%	1.082%
28	11.596	1451	1457	1460	rVB2	1195	1996	0.22%	0.022%
29	12.448	1597	1602	1605	rVB3	1974	3169	0.36%	0.036%
30	12.513	1609	1613	1619	rBV5	5717	9505	1.07%	0.107%
31	12.736	1646	1651	1654	rVB2	3551	4218	0.47%	0.047%
32	13.288	1742	1745	1750	rBV3	2188	3412	0.38%	0.038%
33	13.353	1753	1756	1760	rVB3	1818	2438	0.27%	0.027%
34	13.494	1777	1780	1783	rBV3	2424	3327	0.37%	0.037%
35	13.840	1837	1839	1841	rBV2	1838	1915	0.21%	0.022%
36	13.999	1861	1866	1867	rBV3	2630	2797	0.31%	0.031%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
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Acq On : 11 Aug 2021 23:07
Operator : CG/JU
Sample : M3287-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGB11

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-BG080421.M
Title : SVOA CALIBRATION

37	14.081	1873	1880	1887	rBV	180019	266978	29.93%	3.006%
38	14.240	1904	1907	1910	rBV3	2097	2557	0.29%	0.029%
39	14.381	1922	1931	1944	rBV	191300	326136	36.56%	3.672%
40	14.516	1952	1954	1960	rVB3	1794	2409	0.27%	0.027%
41	14.569	1960	1963	1966	rBV2	3653	4368	0.49%	0.049%
42	14.686	1972	1983	1989	rBV	242500	379549	42.55%	4.274%
43	14.751	1991	1994	2000	rVV3	5346	7331	0.82%	0.083%
44	14.898	2012	2019	2028	rBV2	50360	103408	11.59%	1.164%
45	15.039	2038	2043	2046	rBV2	3395	5930	0.66%	0.067%
46	15.080	2046	2050	2056	rVB2	6873	11482	1.29%	0.129%
47	15.144	2058	2061	2062	rBV	2479	1906	0.21%	0.021%
48	15.303	2086	2088	2093	rVB3	2253	3127	0.35%	0.035%
49	15.350	2093	2096	2100	rVB2	2552	2736	0.31%	0.031%
50	15.468	2114	2116	2119	rBV2	3214	3375	0.38%	0.038%
51	15.515	2122	2124	2127	rVB2	3427	2796	0.31%	0.031%
52	15.679	2146	2152	2158	rVV	244553	378651	42.45%	4.264%
53	15.738	2158	2162	2166	rVV3	11320	14691	1.65%	0.165%
54	15.802	2168	2173	2180	rBV2	60433	95011	10.65%	1.070%
55	15.926	2193	2194	2196	rVB2	3219	2037	0.23%	0.023%
56	16.031	2209	2212	2220	rVB3	5188	8958	1.00%	0.101%
57	16.084	2220	2221	2225	rVB	2097	1912	0.21%	0.022%
58	16.131	2225	2229	2231	rBV2	2324	2771	0.31%	0.031%
59	16.167	2233	2235	2236	rVV	3423	2555	0.29%	0.029%
60	16.184	2236	2238	2243	rVB2	3889	4825	0.54%	0.054%
61	16.355	2263	2267	2269	rBV	1590	1987	0.22%	0.022%
62	16.402	2269	2275	2282	rVB6	7338	15643	1.75%	0.176%
63	16.501	2288	2292	2293	rBV3	2351	2186	0.25%	0.025%
64	16.525	2293	2296	2298	rBV	2553	3512	0.39%	0.040%
65	16.590	2304	2307	2308	rVV	2885	1858	0.21%	0.021%
66	16.731	2330	2331	2332	rBV	3189	1870	0.21%	0.021%
67	16.889	2355	2358	2361	rVB3	2386	2618	0.29%	0.029%
68	16.942	2365	2367	2368	rBV	2284	2215	0.25%	0.025%
69	16.966	2368	2371	2374	rVV3	7393	8685	0.97%	0.098%
70	17.007	2374	2378	2384	rVB7	6836	9640	1.08%	0.109%
71	17.089	2389	2392	2394	rBV4	7149	5700	0.64%	0.064%
72	17.142	2399	2401	2402	rBV2	3724	3290	0.37%	0.037%
73	17.183	2402	2408	2412	rVV7	9406	21796	2.44%	0.245%
74	17.224	2413	2415	2416	rVV2	4632	3616	0.41%	0.041%
75	17.259	2418	2421	2425	rVB6	7904	11462	1.28%	0.129%
76	17.435	2445	2451	2455	rBV	270678	420779	47.17%	4.738%

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Acq On : 11 Aug 2021 23:07
Operator : CG/JU
Sample : M3287-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGB11

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Title : SVOA CALIBRATION

77	17.482	2455	2459	2463	rVV	96961	144252	16.17%	1.624%
78	17.535	2463	2468	2471	rVV	247595	373235	41.84%	4.203%
79	17.571	2471	2474	2479	rVB	163579	231068	25.90%	2.602%
80	17.676	2491	2492	2495	rBV2	2512	2400	0.27%	0.027%
81	17.712	2495	2498	2501	rBV5	4269	5962	0.67%	0.067%
82	17.841	2516	2520	2524	rBV2	15775	26469	2.97%	0.298%
83	17.958	2536	2540	2543	rBV4	9752	10756	1.21%	0.121%
84	18.193	2578	2580	2583	rBV4	3604	4567	0.51%	0.051%
85	18.317	2596	2601	2605	rBV2	28744	45609	5.11%	0.514%
86	18.364	2605	2609	2617	rVB3	35981	52310	5.86%	0.589%
87	18.440	2619	2622	2628	rVB2	24087	35233	3.95%	0.397%
88	18.510	2628	2634	2639	rBV2	53442	107105	12.01%	1.206%
89	18.610	2647	2651	2656	rVB8	13734	21083	2.36%	0.237%
90	18.816	2681	2686	2689	rBV	21788	33661	3.77%	0.379%
91	18.928	2703	2705	2707	rBV3	7571	10003	1.12%	0.113%
92	19.110	2733	2736	2739	rVB4	12041	12684	1.42%	0.143%
93	19.192	2746	2750	2752	rBV5	24431	33593	3.77%	0.378%
94	19.368	2776	2780	2790	rBV4	38549	80352	9.01%	0.905%
95	19.492	2795	2801	2807	rVB	624496	892033	100.00%	10.045%
96	19.826	2852	2858	2860	rBV2	374780	588257	65.95%	6.624%
97	19.856	2860	2863	2871	rVV	500963	697878	78.23%	7.858%
98	19.926	2871	2875	2880	rVB3	30842	47282	5.30%	0.532%
99	20.443	2960	2963	2967	rVB2	47063	58850	6.60%	0.663%
100	21.712	3173	3179	3185	rBV2	313496	815223	91.39%	9.180%

Sum of corrected areas: 8880770

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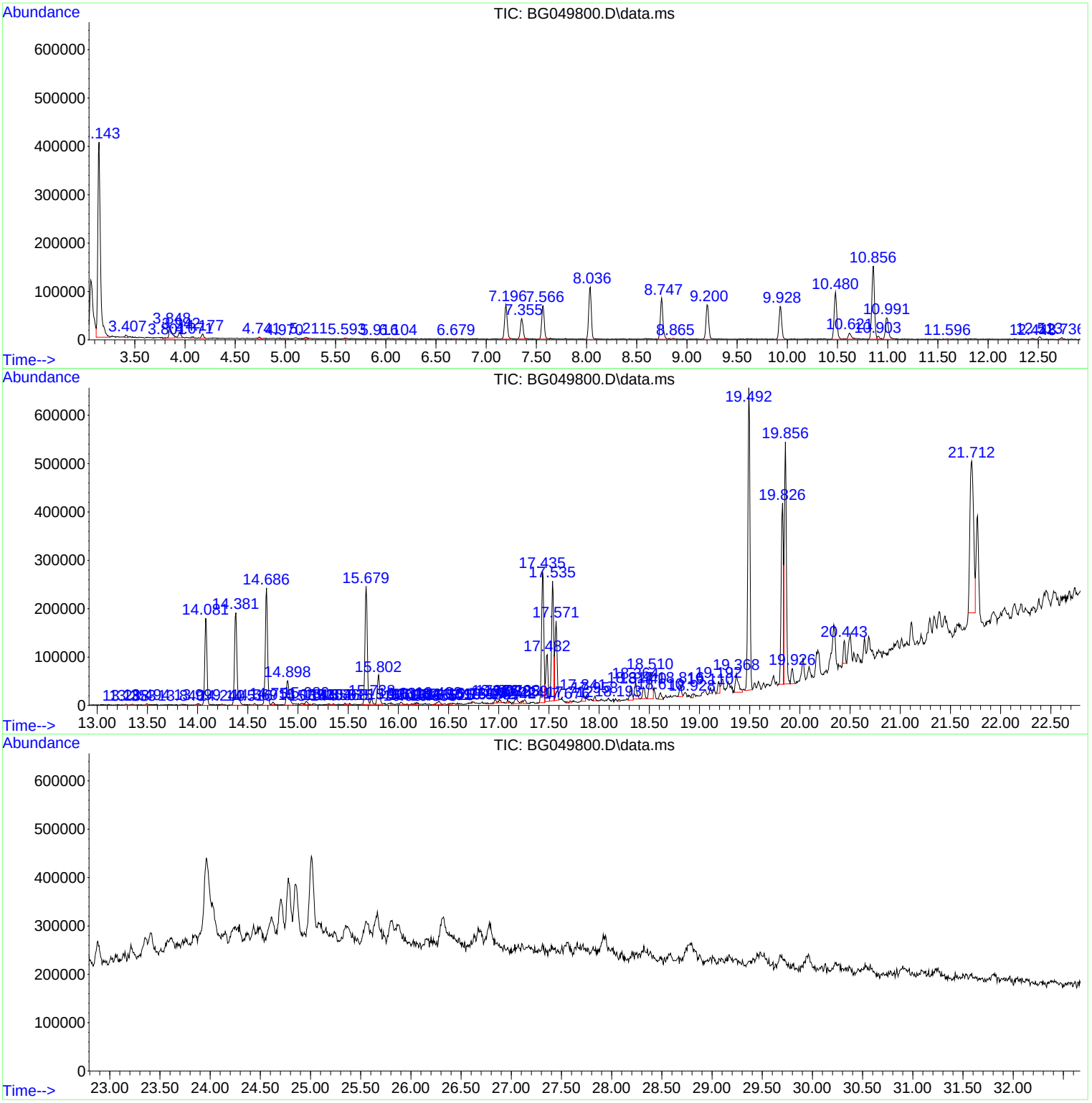
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
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Acq On : 11 Aug 2021 23:07
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Misc :
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Instrument : BNA_G
ClientSampleId : BGB11

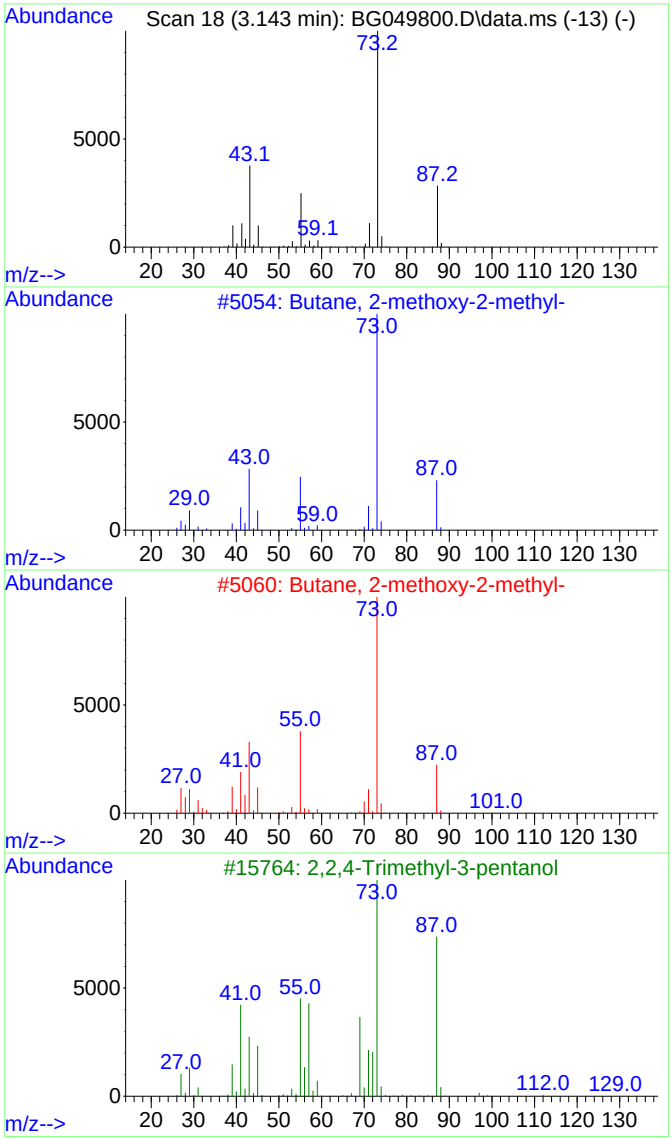
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

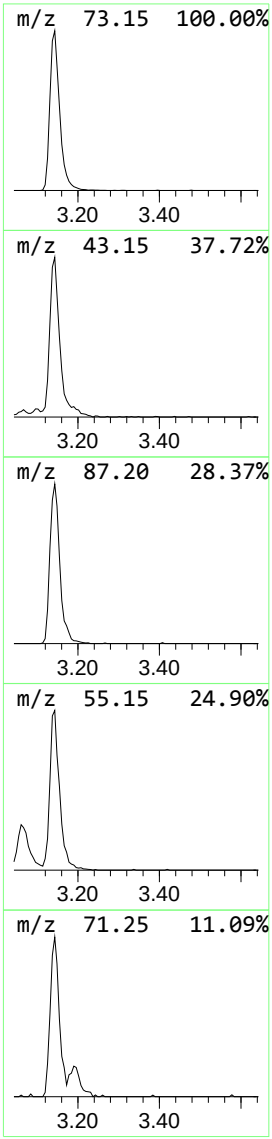
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.143	73.54 ng/ul	716864	1,4-Dichlorobenzene-d4	8.036

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049800.D
Acq On : 11 Aug 2021 23:07
Operator : CG/JU
Sample : M3287-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

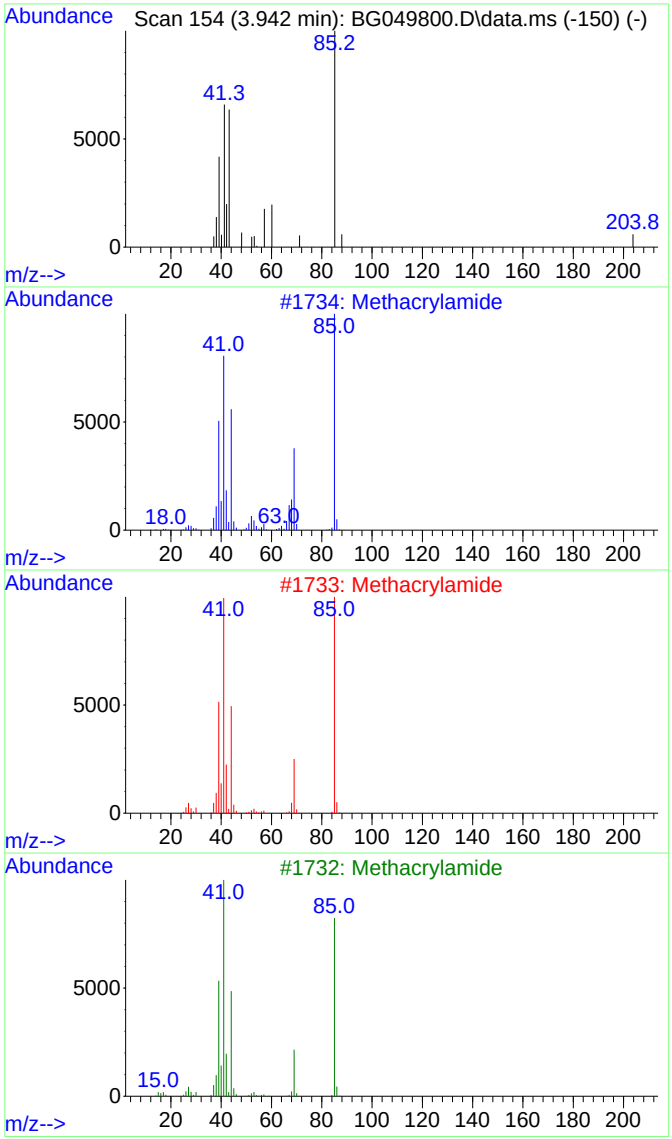
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

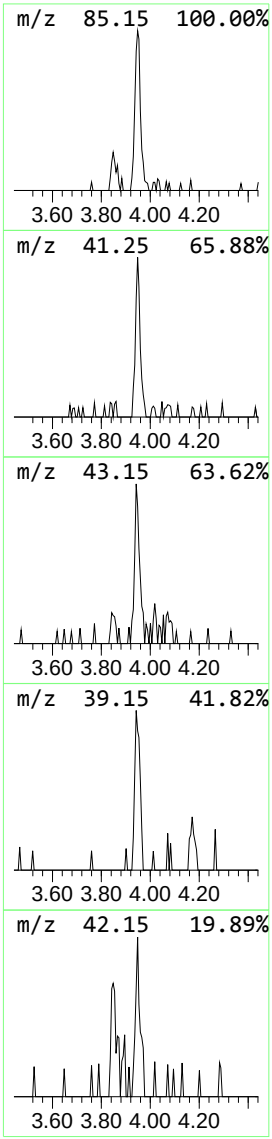
****

Peak Number 2 Methacrylamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.942	2.12 ng/ul	20682	1,4-Dichlorobenzene-d4	8.036

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	64
2	Methacrylamide	85	C4H7NO	000079-39-0	58
3	Methacrylamide	85	C4H7NO	000079-39-0	58
4	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	25
5	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	10





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
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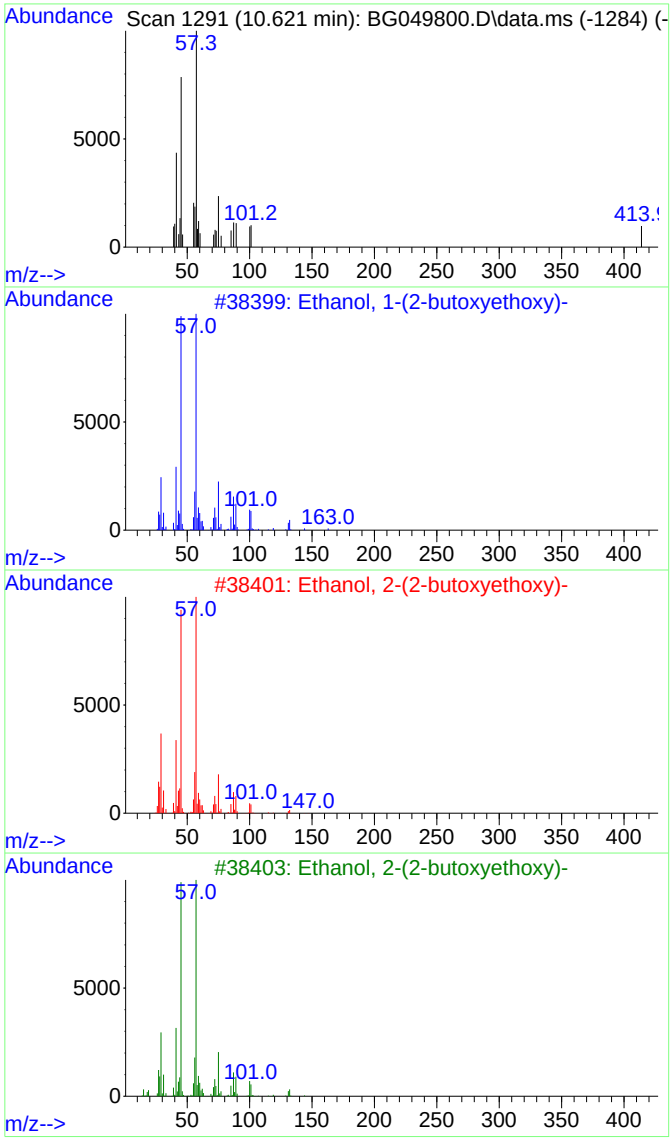
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

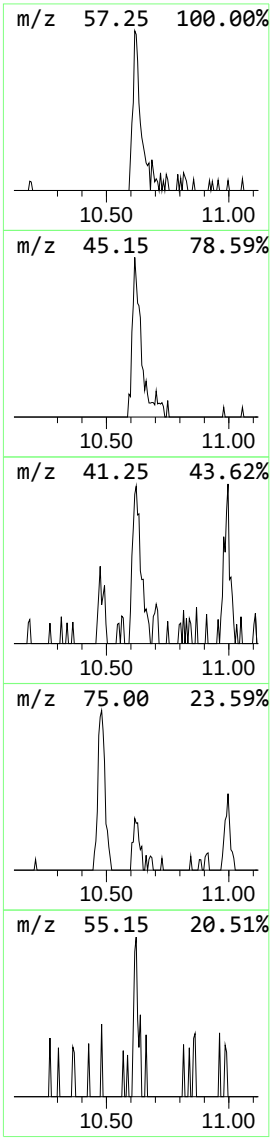
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.621	2.06 ng/ul	28427	Naphthalene-d8	10.856

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	86
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGB11

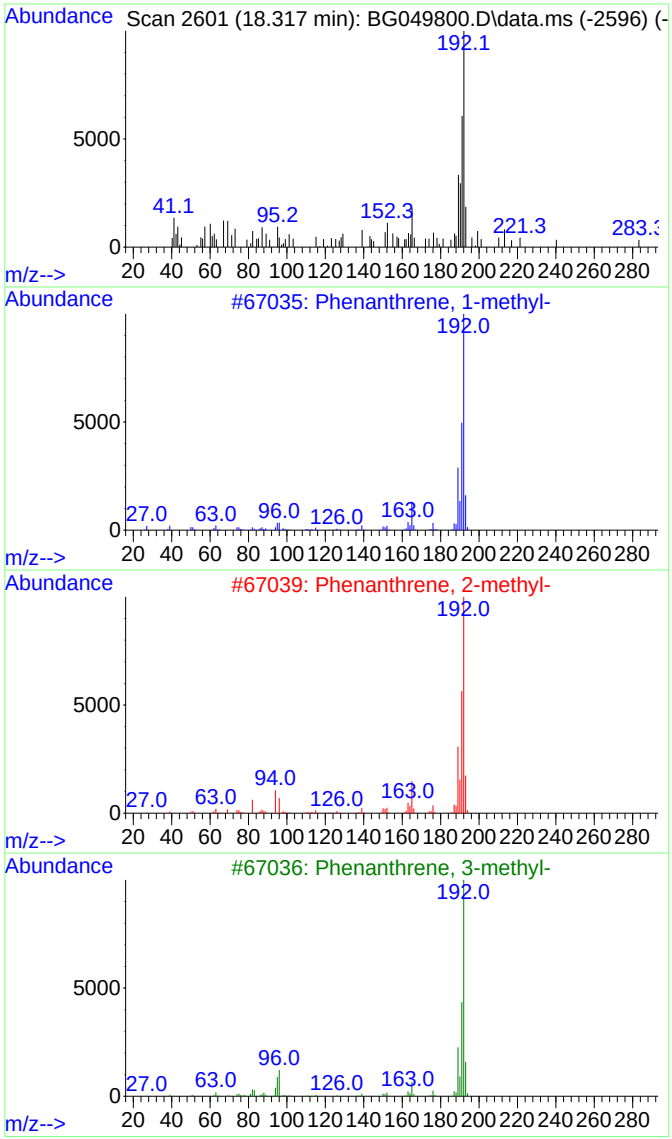
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

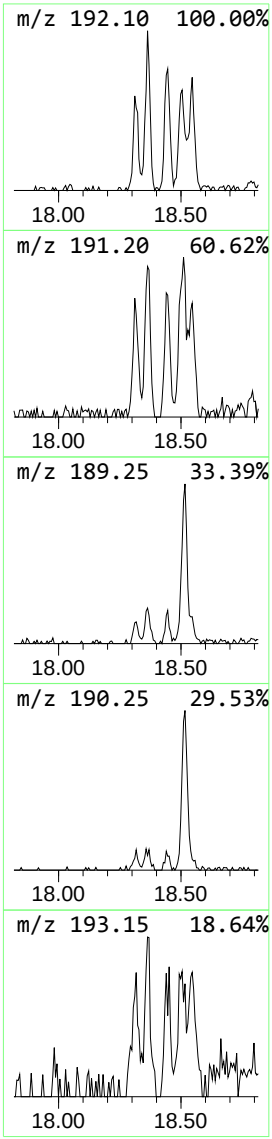
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.317	2.17 ng/ul	45609	Phenanthrene-d10	17.436

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049800.D
Acq On : 11 Aug 2021 23:07
Operator : CG/JU
Sample : M3287-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGB11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

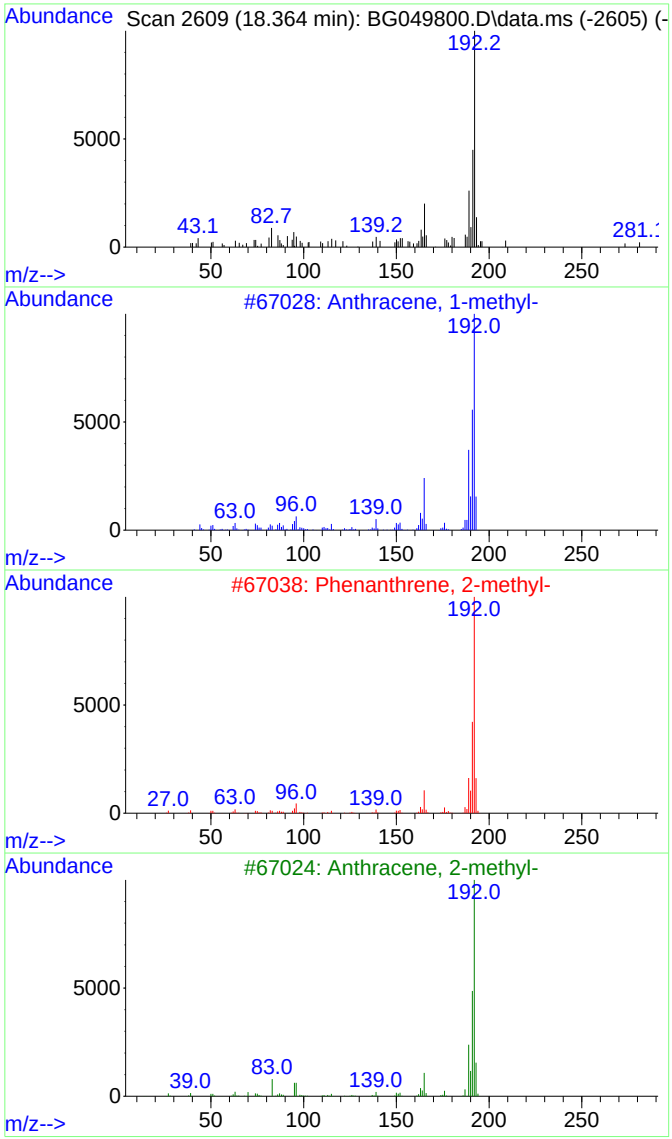
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

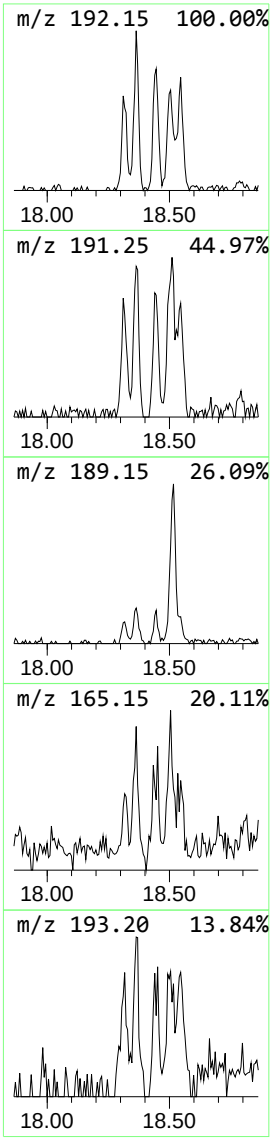
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.364	2.49 ng/ul	52310	Phenanthrene-d10	17.436

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Data File : BG049800.D
Acq On : 11 Aug 2021 23:07
Operator : CG/JU
Sample : M3287-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGB11

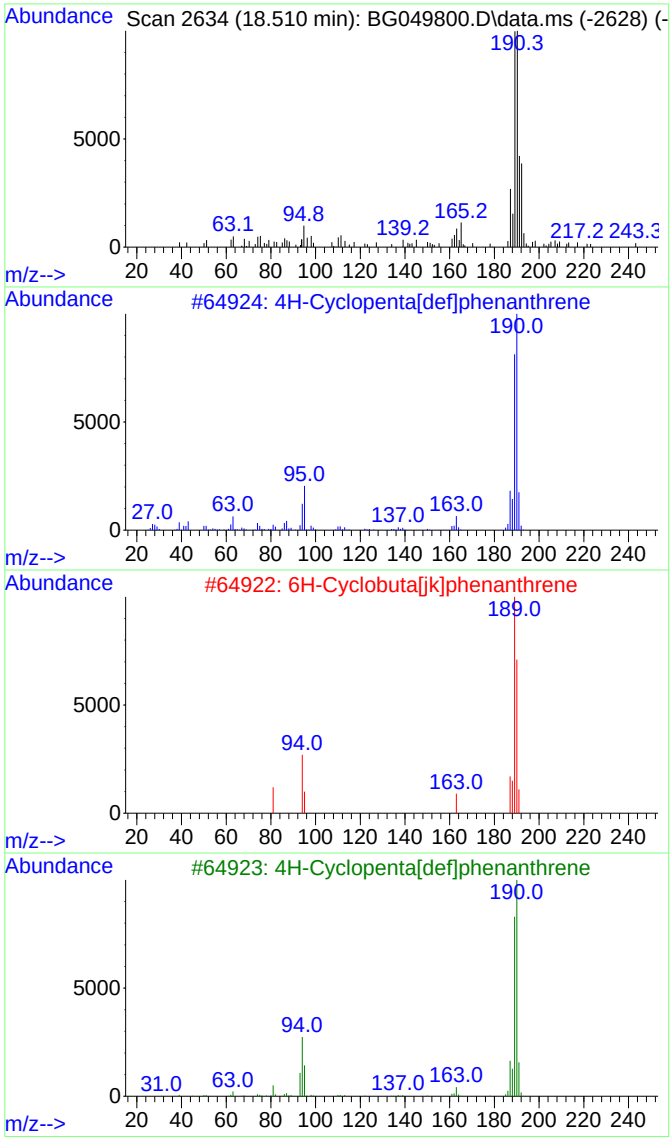
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

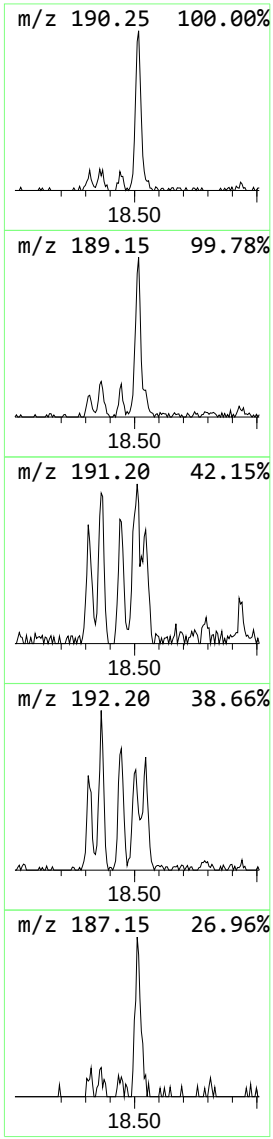
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.511	5.09 ng/ul	107105	Phenanthrene-d10	17.436

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	40
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	38
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049800.D
Acq On : 11 Aug 2021 23:07
Operator : CG/JU
Sample : M3287-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGB11

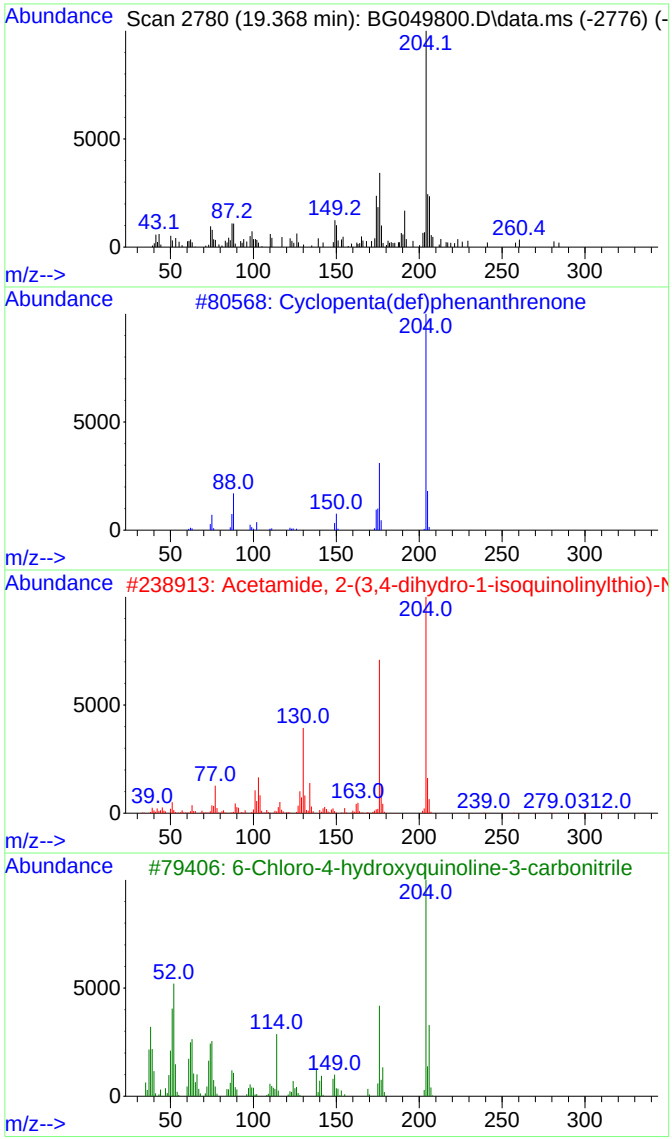
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

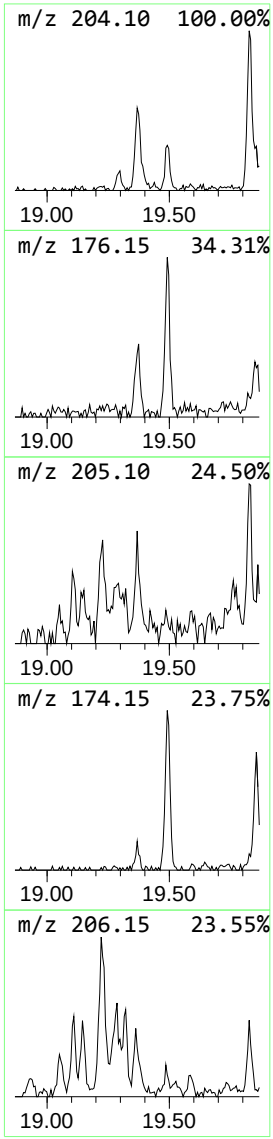
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.368	3.82 ng/ul	80352	Phenanthrene-d10	17.436

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	58
2	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	50
3	6-Chloro-4-hydroxyquinoline-3-ca...	204	C10H5ClN2O	1000435-79-8	50
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
5	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049800.D
Acq On : 11 Aug 2021 23:07
Operator : CG/JU
Sample : M3287-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGB11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.143	73.5	ng/ul	716864	1	8.036	194955	20.0
Methacrylamide	3.942	2.1	ng/ul	20682	1	8.036	194955	20.0
Ethanol, 1-(2-b...	10.621	2.1	ng/ul	28427	2	10.856	276576	20.0
Phenanthrene, 1...	18.317	2.2	ng/ul	45609	4	17.436	420779	20.0
Anthracene, 1-m...	18.364	2.5	ng/ul	52310	4	17.436	420779	20.0
4H-Cyclopenta[d...	18.511	5.1	ng/ul	107105	4	17.436	420779	20.0
Cyclopenta(def)...	19.368	3.8	ng/ul	80352	4	17.436	420779	20.0