LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050033.D
Acq On : 30 Aug 2021 15:41
Operator : CG/JU
Sample : M3458-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW7

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-BG081921.M
Title : SVOA CALIBRATION

Signal : TIC: BG050033.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.567	89	90	93	rVB2	2152	1569	0.22%	0.024%
2	3.760	120	123	131	rBV5	10267	18670	2.56%	0.285%
3	3.854	135	139	145	rVB3	12407	18732	2.57%	0.286%
4	3.919	149	150	152	rBV2	2350	2303	0.32%	0.035%
5	3.984	157	161	165	rVB5	4231	7788	1.07%	0.119%
6	4.454	239	241	243	rVB2	2197	1711	0.24%	0.026%
7	5.018	336	337	341	rVB4	2066	1800	0.25%	0.028%
8	5.129	351	356	362	rBV6	2810	5790	0.80%	0.089%
9	5.470	412	414	416	rVB2	1999	1497	0.21%	0.023%
10	5.487	416	417	421	rBV4	1214	1427	0.20%	0.022%
11	5.805	470	471	474	rVV2	1413	1410	0.19%	0.022%
12	5.940	492	494	496	rVV3	1833	1750	0.24%	0.027%
13	6.563	599	600	604	rVB2	1753	1893	0.26%	0.029%
14	7.138	692	698	708	rVB2	46939	81794	11.24%	1.250%
15	7.279	715	722	731	rBV	29428	53604	7.36%	0.819%
16	7.497	752	759	768	rVV2	46528	83337	11.45%	1.274%
17	7.961	832	838	845	rVB2	87443	151580	20.82%	2.317%
18	8.689	953	962	972	rVV3	44982	80895	11.11%	1.237%
19	8.801	976	981	985	rVB3	3097	5184	0.71%	0.079%
20	9.135	1031	1038	1045	rVB2	46705	82691	11.36%	1.264%
21	9.600	1115	1117	1122	rVB2	1005	1360	0.19%	0.021%
22	9.741	1138	1141	1145	rVB2	913	1361	0.19%	0.021%
23	9.864	1155	1162	1171	rVV3	43573	80841	11.11%	1.236%
24	9.964	1175	1179	1182	rBV2	980	1432	0.20%	0.022%
25	10.416	1250	1256	1263	rVV2	60866	112784	15.49%	1.724%
26	10.475	1265	1266	1270	rVB	2387	1777	0.24%	0.027%
27	10.551	1277	1279	1281	rBV3	1443	1772	0.24%	0.027%
28	10.780	1311	1318	1325	rBV2	125532	229643	31.55%	3.511%
29	10.927	1336	1343	1351	rBV2	35322	70428	9.68%	1.077%
30	12.372	1587	1589	1592	rVV3	1225	1651	0.23%	0.025%
31	12.455	1597	1603	1606	rVB3	2301	4003	0.55%	0.061%
32	12.560	1618	1621	1625	rVB2	969	1414	0.19%	0.022%
33	12.596	1625	1627	1631	rBV	1298	1750	0.24%	0.027%
34	12.672	1633	1640	1643	rBV4	2663	5152	0.71%	0.079%
35	12.836	1664	1668	1669	rVB2	1491	1474	0.20%	0.023%
36	13.060	1702	1706	1709	rBV	866	1432	0.20%	0.022%

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Sample : M3458-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW7

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-BG081921.M
Title : SVOA CALIBRATION

37	13.371	1758	1759	1764	rVB2	1608	1599	0.22%	0.024%
38	13.806	1831	1833	1838	rVB	1062	1631	0.22%	0.025%
39	13.953	1852	1858	1860	rBV4	2789	4384	0.60%	0.067%
40	14.023	1863	1870	1880	rVV	128552	191613	26.32%	2.929%
41	14.317	1914	1920	1932	rBV2	139465	254341	34.94%	3.888%
42	14.628	1964	1973	1979	rBV	202988	325954	44.78%	4.983%
43	14.693	1979	1984	1989	rVB3	4063	6285	0.86%	0.096%
44	14.863	2006	2013	2022	rVV4	37120	68846	9.46%	1.052%
45	14.992	2031	2035	2036	rBV2	1108	1467	0.20%	0.022%
46	15.028	2036	2041	2045	rVB5	4450	8455	1.16%	0.129%
47	15.210	2069	2072	2074	rBV	1901	2060	0.28%	0.031%
48	15.409	2102	2106	2108	rBV	2921	4440	0.61%	0.068%
49	15.450	2108	2113	2114	rBV2	2083	2492	0.34%	0.038%
50	15.621	2134	2142	2148	rBV	185197	283757	38.98%	4.338%
51	15.668	2148	2150	2151	rBV	2597	2658	0.37%	0.041%
52	15.756	2160	2165	2171	rBV2	42753	66046	9.07%	1.010%
53	15.844	2177	2180	2181	rBV	1434	1596	0.22%	0.024%
54	15.967	2197	2201	2204	rBV3	4966	6466	0.89%	0.099%
55	15.997	2204	2206	2211	rVB	1319	2213	0.30%	0.034%
56	16.114	2221	2226	2228	rBV2	4461	5313	0.73%	0.081%
57	16.132	2228	2229	2233	rVB	2588	1989	0.27%	0.030%
58	16.238	2246	2247	2250	rBV	2059	1611	0.22%	0.025%
59	16.320	2257	2261	2262	rBV3	6123	6562	0.90%	0.100%
60	16.490	2286	2290	2292	rVB3	2877	2465	0.34%	0.038%
61	16.520	2292	2295	2296	rVB2	1434	1353	0.19%	0.021%
62	16.561	2300	2302	2308	rVB3	2260	2108	0.29%	0.032%
63	16.655	2315	2318	2320	rBV3	3118	3446	0.47%	0.053%
64	16.690	2320	2324	2328	rVB6	3472	5375	0.74%	0.082%
65	16.778	2338	2339	2341	rVB2	2978	1813	0.25%	0.028%
66	16.813	2341	2345	2346	rBV3	2649	3208	0.44%	0.049%
67	16.901	2357	2360	2361	rBV2	3210	3456	0.47%	0.053%
68	16.913	2361	2362	2365	rVB3	4126	2589	0.36%	0.040%
69	16.978	2371	2373	2376	rVB3	1854	2026	0.28%	0.031%
70	17.037	2378	2383	2388	rVV2	12250	18016	2.47%	0.275%
71	17.113	2392	2396	2402	rBV6	7773	15550	2.14%	0.238%
72	17.195	2409	2410	2415	rVB	6763	7729	1.06%	0.118%
73	17.377	2432	2441	2445	rBV	243030	381869	52.46%	5.838%
74	17.424	2445	2449	2453	rVB	119740	170053	23.36%	2.600%
75	17.477	2453	2458	2463	rBV2	178670	266334	36.59%	4.071%
76	17.565	2471	2473	2477	rVB5	7049	9846	1.35%	0.151%

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Instrument : BNA_G
ClientSampleId : C0AW7

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Title : SVOA CALIBRATION

77	17.694	2493	2495	2496	rBV2	2389	1482	0.20%	0.023%
78	17.753	2503	2505	2506	rBV2	3862	2850	0.39%	0.044%
79	17.788	2508	2511	2516	rVB	15962	19871	2.73%	0.304%
80	17.853	2520	2522	2525	rVB4	3966	3514	0.48%	0.054%
81	17.888	2526	2528	2534	rVB6	5927	8761	1.20%	0.134%
82	17.935	2534	2536	2537	rBV2	3426	2527	0.35%	0.039%
83	17.959	2537	2540	2545	rBV5	6887	9682	1.33%	0.148%
84	18.018	2549	2550	2551	rBV	3398	2294	0.32%	0.035%
85	18.258	2586	2591	2595	rBV2	22327	38037	5.23%	0.581%
86	18.305	2595	2599	2606	rVB2	34270	52867	7.26%	0.808%
87	18.388	2608	2613	2617	rBV3	9108	16586	2.28%	0.254%
88	18.452	2619	2624	2628	rBV2	30526	59905	8.23%	0.916%
89	18.546	2638	2640	2641	rBV2	4215	2903	0.40%	0.044%
90	18.752	2671	2675	2680	rBV2	20263	29203	4.01%	0.446%
91	18.799	2680	2683	2689	rVB3	25054	36592	5.03%	0.559%
92	19.316	2767	2771	2778	rVB2	31086	54401	7.47%	0.832%
93	19.433	2786	2791	2798	rVB	373240	528620	72.62%	8.081%
94	19.768	2843	2848	2851	rBV2	248058	424314	58.29%	6.486%
95	19.798	2851	2853	2859	rVB	327251	393843	54.10%	6.021%
96	19.862	2862	2864	2871	rVB4	21333	36678	5.04%	0.561%
97	21.049	3063	3066	3071	rVB	48905	69408	9.54%	1.061%
98	21.648	3161	3168	3173	rBV2	294959	727928	100.00%	11.128%
99	21.701	3174	3177	3188	rVB	185472	315812	43.39%	4.828%
100	23.863	3538	3545	3551	rBV2	140429	430709	59.17%	6.584%

Sum of corrected areas: 6541500

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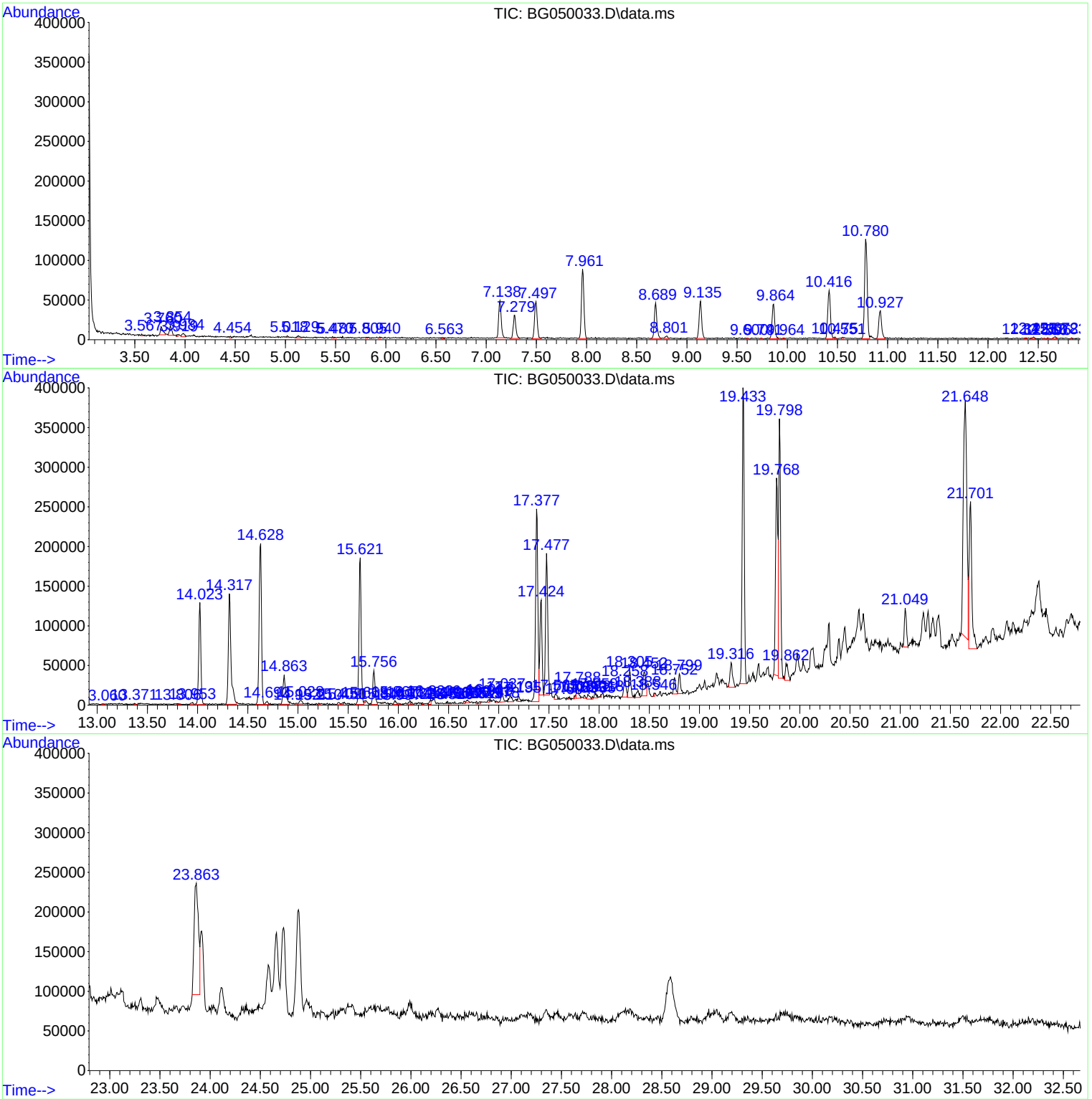
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050033.D
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Sample : M3458-15
Misc :
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Instrument : BNA_G
ClientSampleId : C0AW7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

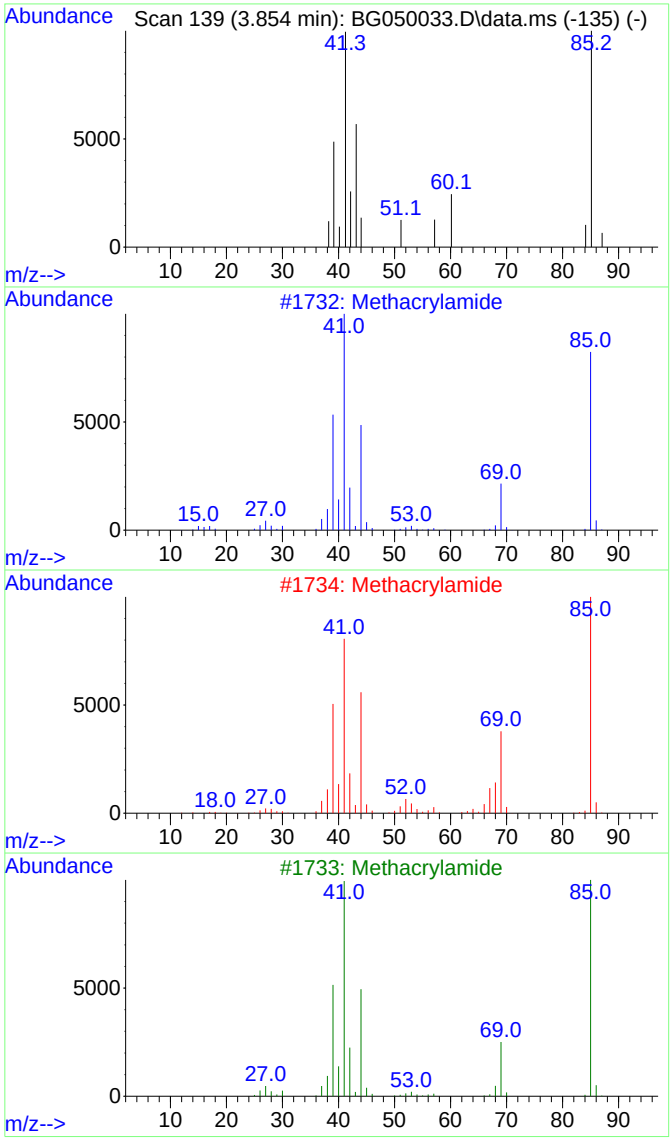
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

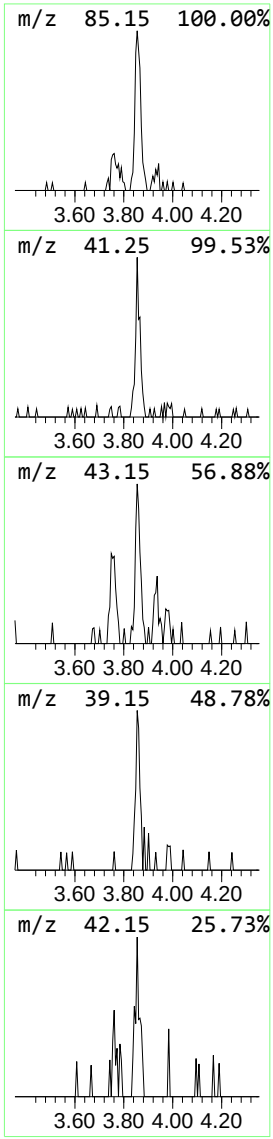
****

Peak Number 1 Methacrylamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.854	2.47 ng/ul	18732	1,4-Dichlorobenzene-d4	7.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	53
2	Methacrylamide	85	C4H7NO	000079-39-0	53
3	Methacrylamide	85	C4H7NO	000079-39-0	53
4	trans-Crotonamide	85	C4H7NO	000625-37-6	33
5	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050033.D
Acq On : 30 Aug 2021 15:41
Operator : CG/JU
Sample : M3458-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW7

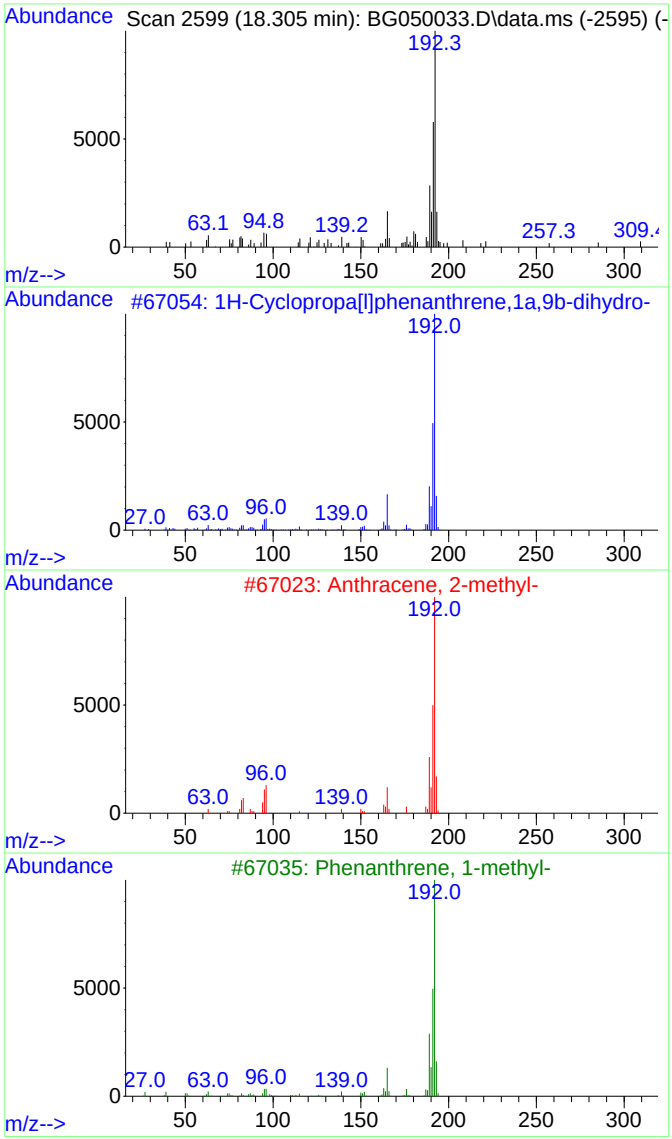
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

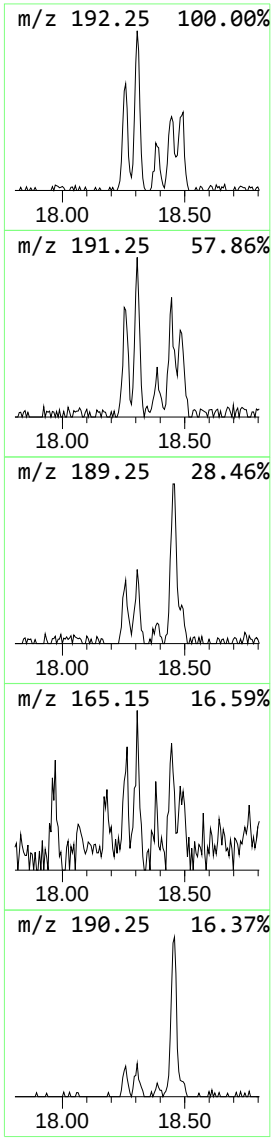
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.305	2.77 ng/ul	52867	Phenanthrene-d10	17.377

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Instrument : BNA_G
ClientSampleId : C0AW7

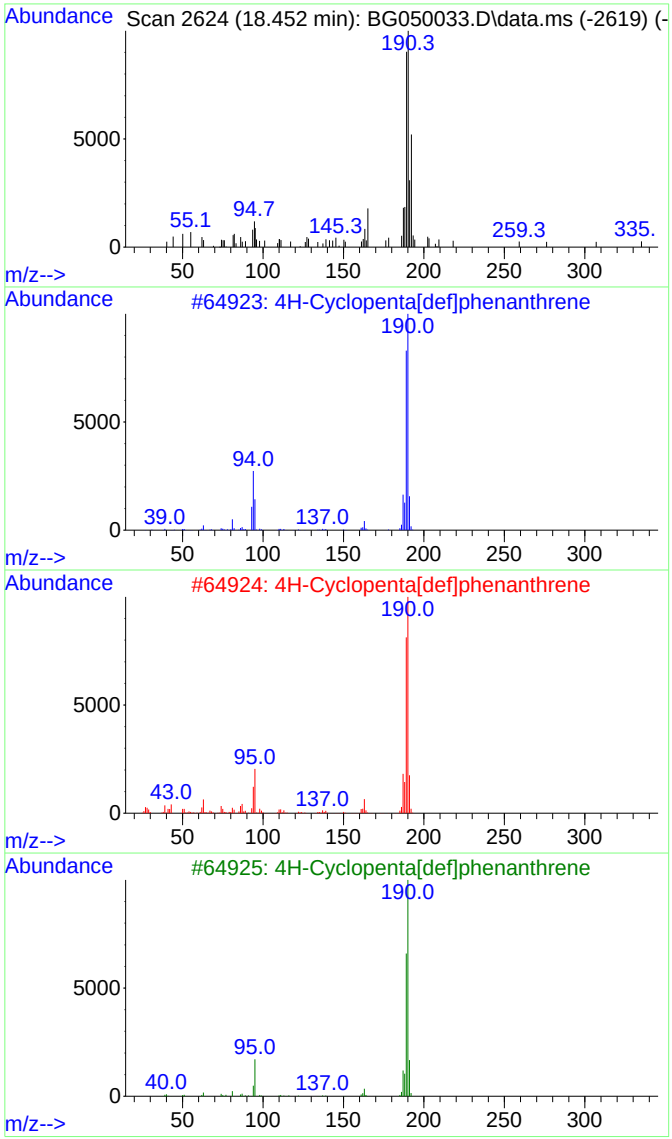
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

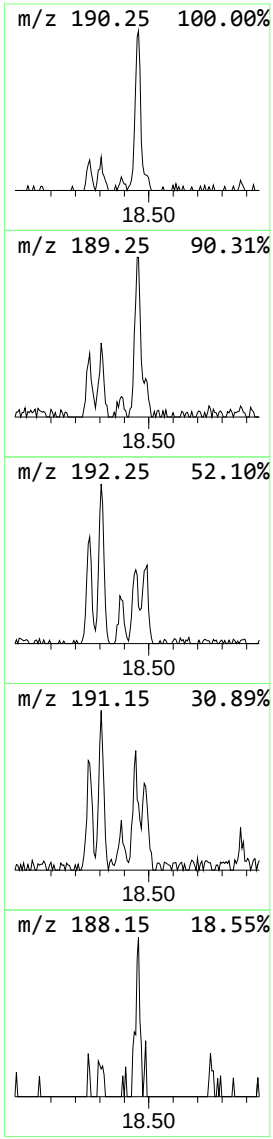
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.452	3.14 ng/ul	59905	Phenanthrene-d10	17.377

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	52
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47





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Instrument : BNA_G
ClientSampleId : C0AW7

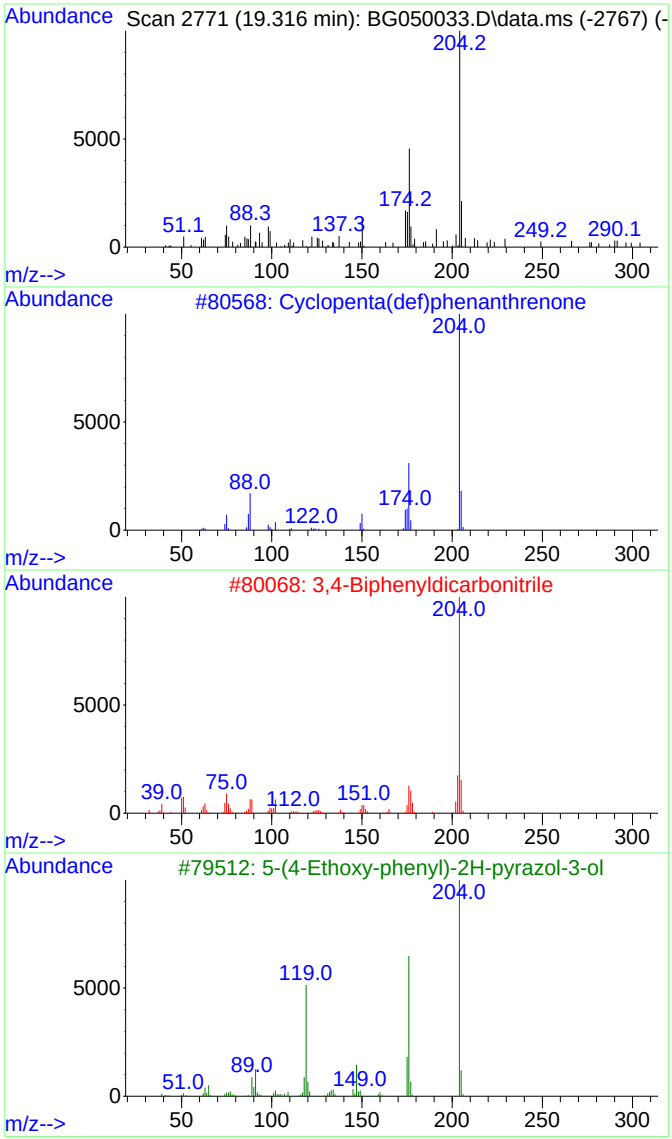
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

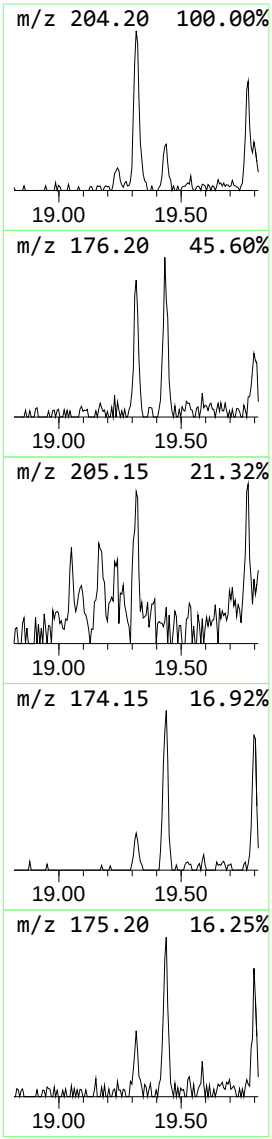
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.316	2.85 ng/ul	54401	Phenanthrene-d10	17.377

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	78
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	53
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050033.D
Acq On : 30 Aug 2021 15:41
Operator : CG/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.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
Methacrylamide	3.854	2.5	ng/ul	18732	1	7.966	151580	20.0
1H-Cyclopropa[l...	18.305	2.8	ng/ul	52867	4	17.377	381869	20.0
4H-Cyclopenta[d...	18.452	3.1	ng/ul	59905	4	17.377	381869	20.0
Cyclopenta(def)...	19.316	2.9	ng/ul	54401	4	17.377	381869	20.0