LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4BR7

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-BG070224.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG062034.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.341	6	9	15	rBV8	8666	13257	0.67%	0.058%
2	3.435	22	25	32	rVB3	15590	26537	1.34%	0.116%
3	3.711	67	72	80	rBV	35224	60826	3.07%	0.265%
4	3.864	95	98	107	rBV4	50196	92431	4.67%	0.402%
5	3.970	113	116	123	rVB2	37140	56081	2.83%	0.244%
6	4.193	152	154	158	rVB4	7591	8771	0.44%	0.038%
7	4.563	214	217	219	rBV3	4002	5475	0.28%	0.024%
8	4.634	227	229	230	rBV2	6372	4781	0.24%	0.021%
9	4.698	237	240	241	rBV3	4822	5521	0.28%	0.024%
10	4.751	247	249	250	rBV	8191	7852	0.40%	0.034%
11	4.886	270	272	277	rBV5	4586	7282	0.37%	0.032%
12	4.957	280	284	288	rBV3	3278	6184	0.31%	0.027%
13	5.004	288	292	293	rBV4	5897	5818	0.29%	0.025%
14	5.115	304	311	318	rVB3	22286	46146	2.33%	0.201%
15	5.215	321	328	332	rVB5	9022	16205	0.82%	0.071%
16	6.020	461	465	467	rBV3	4495	6472	0.33%	0.028%
17	6.073	472	474	475	rVV2	5279	4489	0.23%	0.020%
18	6.097	476	478	482	rVB2	8715	9691	0.49%	0.042%
19	6.713	576	583	589	rBV6	10578	17084	0.86%	0.074%
20	6.960	619	625	626	rBV4	3446	5150	0.26%	0.022%
21	7.060	640	642	650	rVB6	5685	12398	0.63%	0.054%
22	7.125	650	653	654	rBV2	4274	4410	0.22%	0.019%
23	7.201	659	666	678	rVB	363996	634695	32.07%	2.764%
24	7.366	686	694	707	rVB	234107	389988	19.70%	1.698%
25	7.471	707	712	713	rBV3	11274	16390	0.83%	0.071%
26	7.571	722	729	735	rBV	337521	574690	29.04%	2.502%
27	7.847	773	776	779	rVB3	3895	5703	0.29%	0.025%
28	8.041	802	809	815	rBV	290226	491876	24.85%	2.142%
29	8.159	824	829	832	rBV5	4601	8025	0.41%	0.035%
30	8.259	841	846	853	rBV5	13934	19743	1.00%	0.086%
31	8.746	923	929	936	rBV2	371712	630225	31.84%	2.744%
32	8.864	946	949	955	rVB2	10160	12897	0.65%	0.056%
33	9.205	999	1007	1017	rBV	339279	613902	31.02%	2.673%
34	9.351	1027	1032	1034	rBV2	5144	6862	0.35%	0.030%
35	9.516	1057	1060	1063	rVB3	4443	4284	0.22%	0.019%
36	9.592	1067	1073	1074	rVV4	7045	8899	0.45%	0.039%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

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-BG070224.MA.M
Title : SVOA CALIBRATION

37	9.757	1095	1101	1106	rVB4	27722	44501	2.25%	0.194%
38	9.927	1122	1130	1138	rBV2	329680	569581	28.78%	2.480%
39	10.098	1155	1159	1162	rBV4	4392	5936	0.30%	0.026%
40	10.156	1166	1169	1172	rVB4	4356	5820	0.29%	0.025%
41	10.474	1215	1223	1231	rBV	435278	777154	39.27%	3.384%
42	10.791	1270	1277	1279	rBV6	3784	7779	0.39%	0.034%
43	10.850	1280	1287	1295	rBV2	412830	736223	37.20%	3.206%
44	10.991	1304	1311	1321	rBV2	134515	264114	13.34%	1.150%
45	11.067	1321	1324	1327	rVB4	7434	9155	0.46%	0.040%
46	11.102	1327	1330	1332	rBV3	4317	5671	0.29%	0.025%
47	11.361	1371	1374	1375	rBV2	6386	7175	0.36%	0.031%
48	11.373	1375	1376	1381	rVB4	15762	12275	0.62%	0.053%
49	11.490	1394	1396	1401	rVB4	3327	5438	0.27%	0.024%
50	11.584	1405	1412	1417	rBV	54228	104592	5.28%	0.455%
51	12.007	1480	1484	1489	rVB3	3256	6285	0.32%	0.027%
52	12.084	1491	1497	1499	rBV6	4284	6291	0.32%	0.027%
53	12.236	1520	1523	1525	rBV2	7122	9151	0.46%	0.040%
54	12.430	1554	1556	1560	rVB5	10538	11889	0.60%	0.052%
55	12.501	1564	1568	1569	rBV3	8089	11385	0.58%	0.050%
56	12.724	1602	1606	1610	rVB5	7897	11942	0.60%	0.052%
57	12.865	1626	1630	1631	rBV4	3805	4810	0.24%	0.021%
58	13.088	1667	1668	1674	rVB4	4369	5128	0.26%	0.022%
59	13.370	1713	1716	1718	rBV3	3197	4473	0.23%	0.019%
60	13.482	1731	1735	1737	rVV5	5909	7768	0.39%	0.034%
61	13.588	1751	1753	1756	rVB4	5631	6449	0.33%	0.028%
62	13.711	1773	1774	1780	rVB4	4758	4417	0.22%	0.019%
63	13.840	1791	1796	1798	rBV4	9731	13853	0.70%	0.060%
64	13.987	1817	1821	1827	rBV6	8327	16375	0.83%	0.071%
65	14.070	1827	1835	1842	rBV	740907	1097199	55.44%	4.778%
66	14.293	1871	1873	1874	rBV2	8884	6619	0.33%	0.029%
67	14.310	1874	1876	1879	rVV3	10182	11242	0.57%	0.049%
68	14.369	1879	1886	1895	rVB2	746381	1219902	61.64%	5.312%
69	14.551	1914	1917	1918	rBV3	7150	7730	0.39%	0.034%
70	14.669	1930	1937	1943	rBV	634127	996014	50.32%	4.337%
71	14.733	1943	1948	1954	rVB2	29682	48566	2.45%	0.211%
72	14.874	1964	1972	1982	rBV	390433	655508	33.12%	2.854%
73	15.015	1992	1996	2001	rBV3	26546	39984	2.02%	0.174%
74	15.068	2001	2005	2010	rVB3	25726	34799	1.76%	0.152%
75	15.239	2032	2034	2037	rBV4	9827	8944	0.45%	0.039%
76	15.268	2037	2039	2041	rBV2	6666	6657	0.34%	0.029%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

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-BG070224.MA.M
Title : SVOA CALIBRATION

77	15.321	2046	2048	2054	rVB6	7666	13903	0.70%	0.061%
78	15.597	2093	2095	2097	rBV3	6294	4415	0.22%	0.019%
79	15.662	2099	2106	2111	rVV	957285	1458297	73.68%	6.350%
80	15.715	2111	2115	2120	rVB2	38383	55599	2.81%	0.242%
81	15.779	2120	2126	2133	rBV	271224	415040	20.97%	1.807%
82	15.973	2157	2159	2162	rBV4	8854	10480	0.53%	0.046%
83	16.361	2221	2225	2226	rBV4	13798	16181	0.82%	0.070%
84	16.490	2245	2247	2249	rVB3	8642	6451	0.33%	0.028%
85	16.514	2249	2251	2252	rBV2	11694	11299	0.57%	0.049%
86	17.066	2342	2345	2349	rVB3	27864	33350	1.69%	0.145%
87	17.230	2370	2373	2378	rVB2	26378	37737	1.91%	0.164%
88	17.413	2398	2404	2408	rBV	763491	1192916	60.27%	5.194%
89	17.460	2408	2412	2416	rVV	480333	706670	35.70%	3.077%
90	17.513	2416	2421	2432	rVB	1028226	1619231	81.81%	7.051%
91	17.818	2470	2473	2482	rVB2	52780	88278	4.46%	0.384%
92	18.288	2549	2553	2558	rBV2	166026	238253	12.04%	1.037%
93	18.335	2558	2561	2570	rVB3	102406	172828	8.73%	0.753%
94	18.482	2581	2586	2590	rBV4	104211	197170	9.96%	0.859%
95	18.782	2634	2637	2641	rBV2	59075	76608	3.87%	0.334%
96	18.829	2641	2645	2650	rVB2	99327	139015	7.02%	0.605%
97	19.463	2748	2753	2759	rVB	1035614	1442514	72.88%	6.281%
98	19.798	2804	2810	2813	rBV	1222888	1979212	100.00%	8.618%
99	21.549	3105	3108	3115	rVB	333845	457210	23.10%	1.991%
100	21.672	3122	3129	3134	rBV3	855183	1942700	98.16%	8.459%

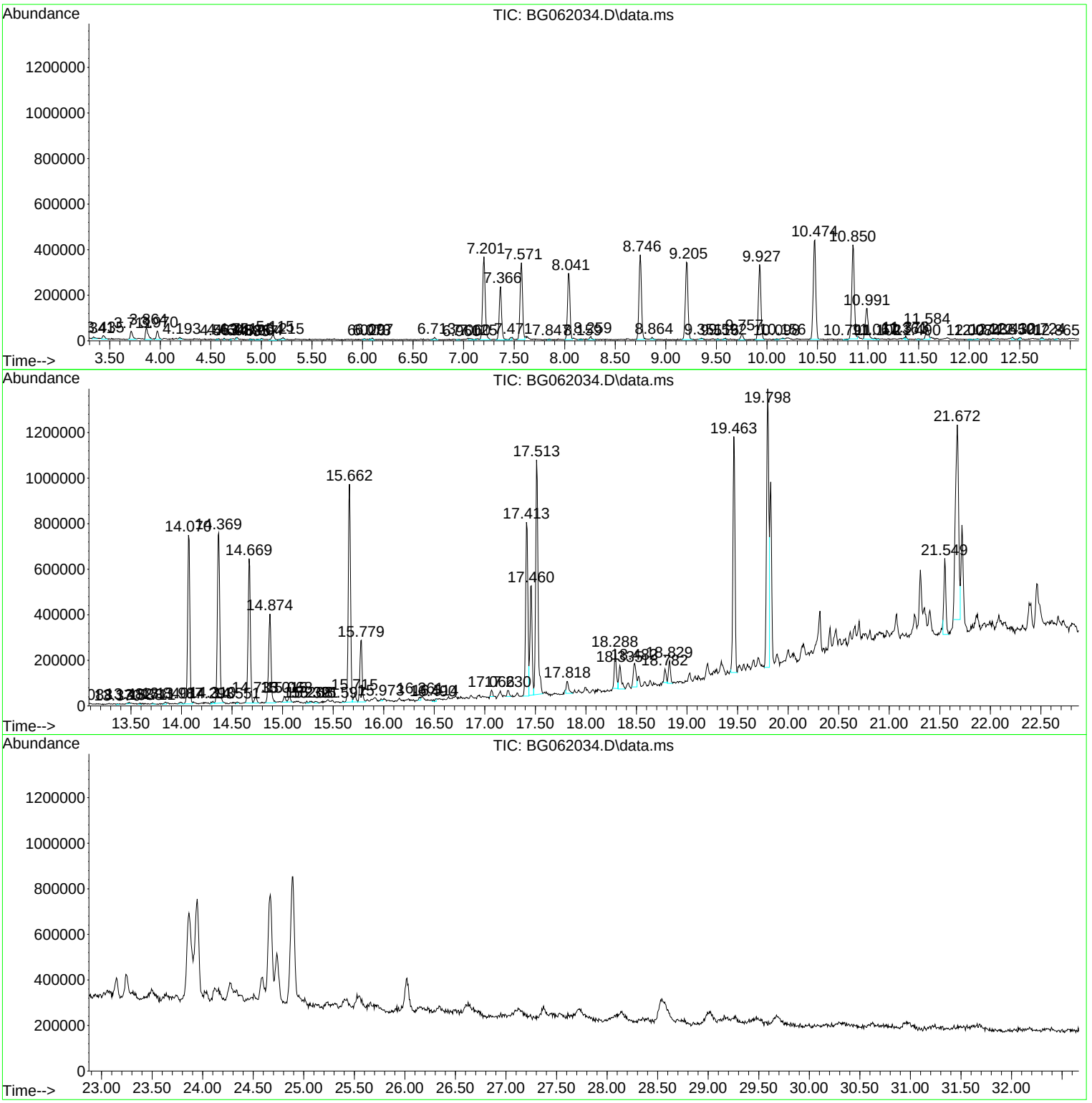
Sum of corrected areas: 22965191

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.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\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

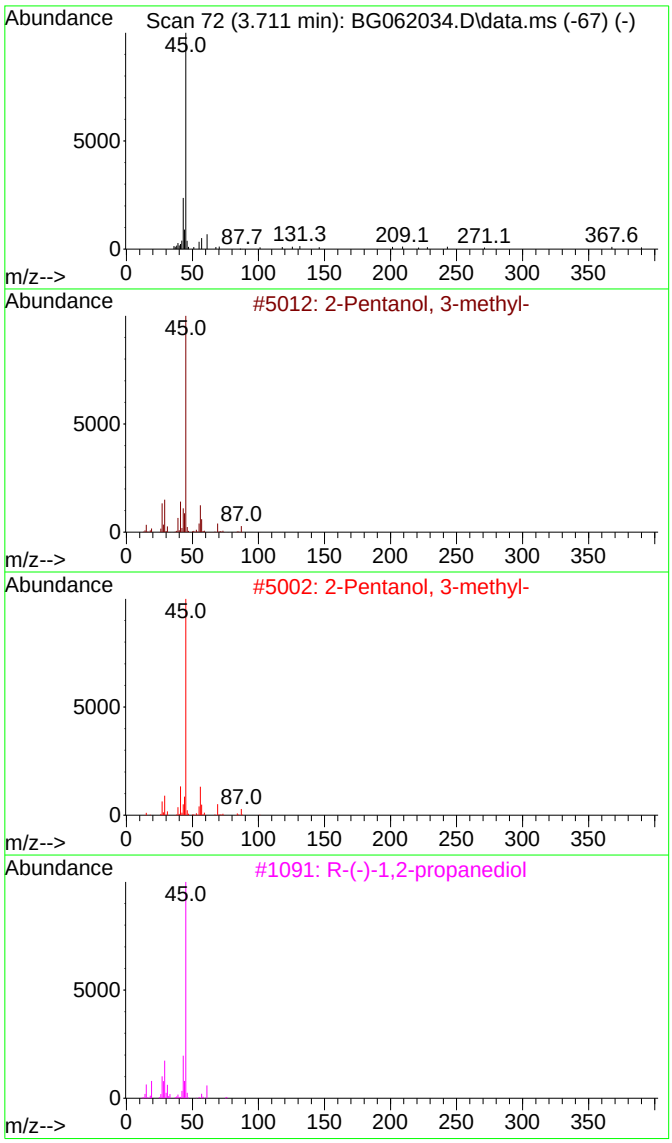
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

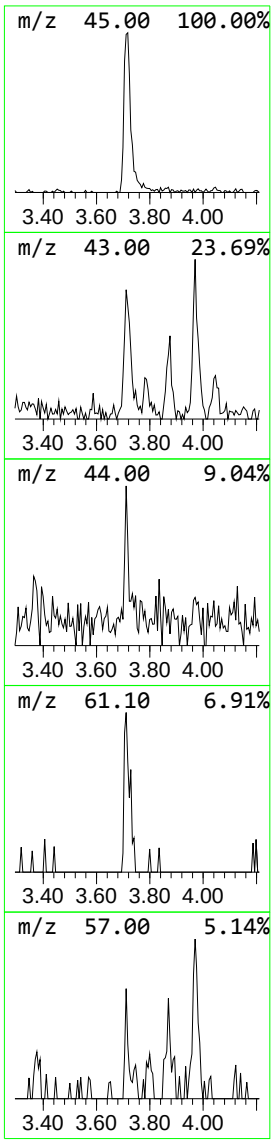
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanol, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.711	2.47 ng/ul	60826	1,4-Dichlorobenzene-d4	8.035

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	56
2	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	40
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	40
4	Butanenitrile, 2-(methoxymethoxy)	129	C6H11NO2	1000196-86-5	40
5	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

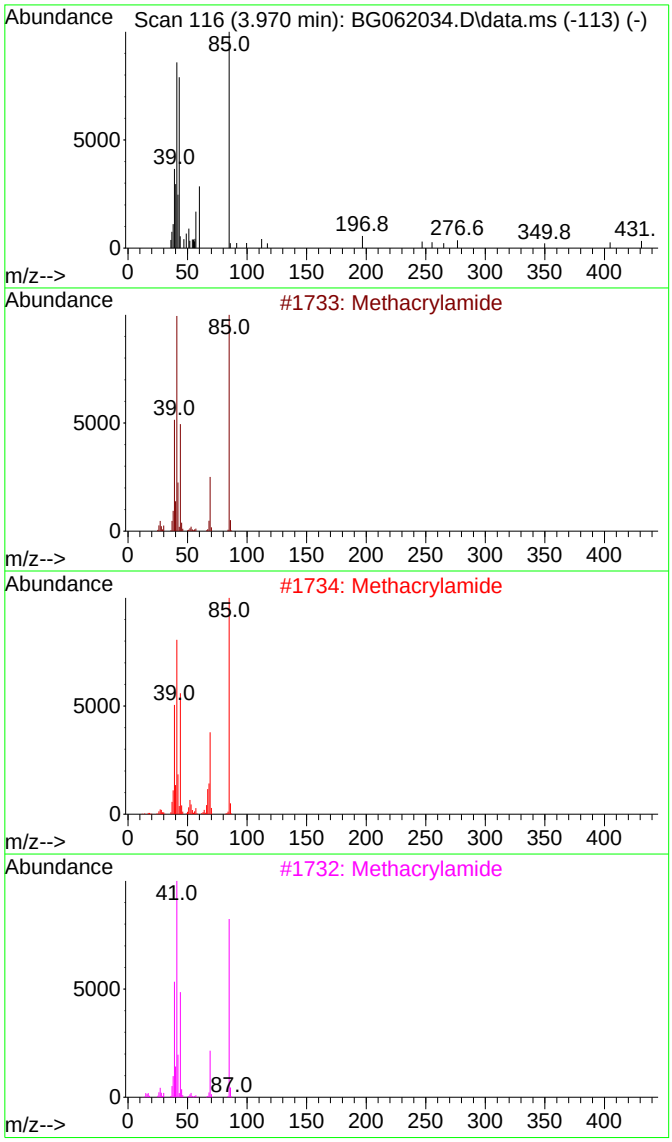
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

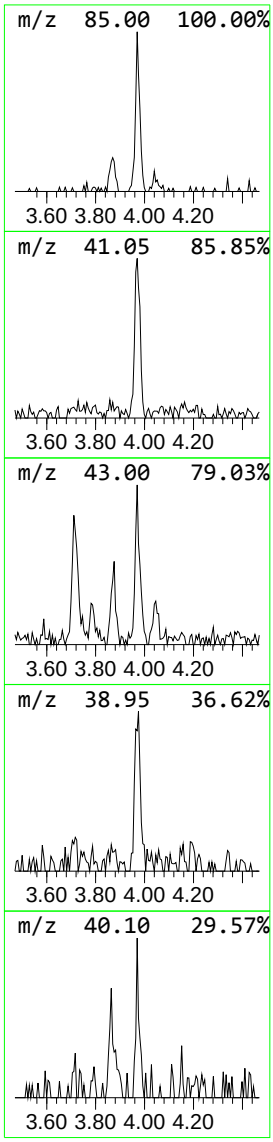
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Methacrylamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.970	2.28 ng/ul	56081	1,4-Dichlorobenzene-d4	8.035

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	50
2	Methacrylamide	85	C4H7NO	000079-39-0	47
3	Methacrylamide	85	C4H7NO	000079-39-0	40
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	33
5	2-(Chloromethyl)tetrahydropyran	134	C6H11ClO	018420-41-2	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

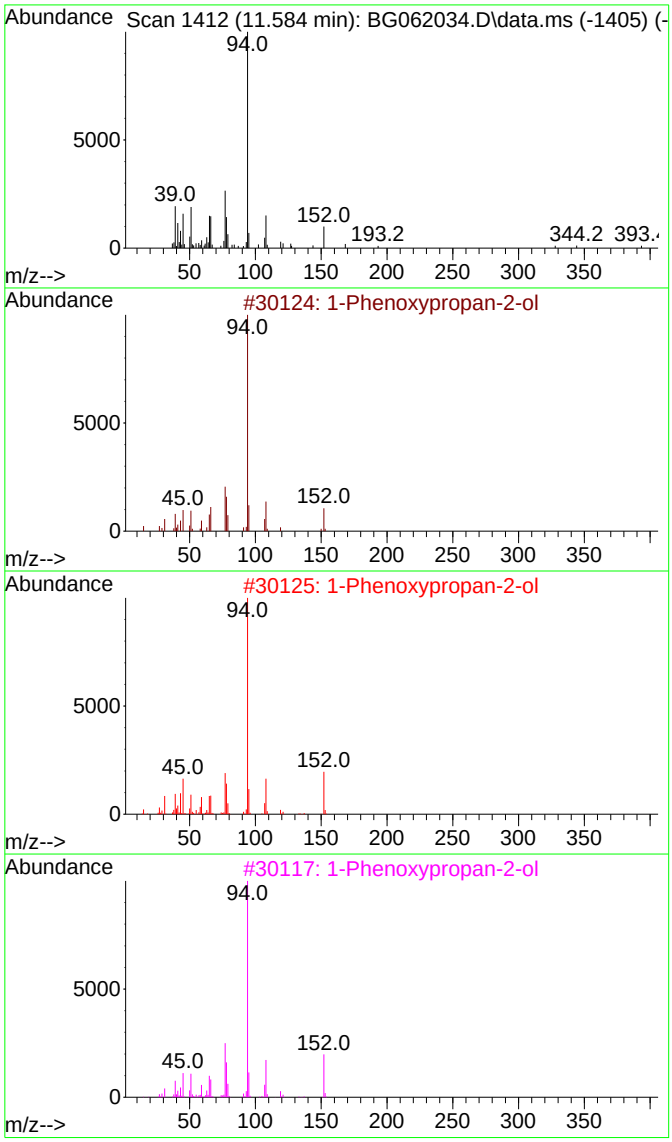
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

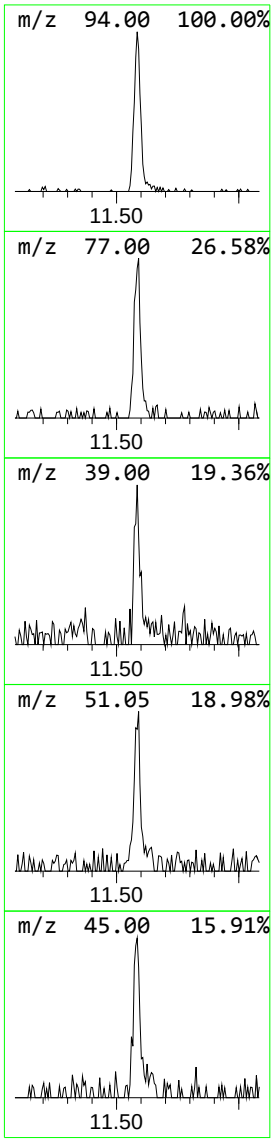
****

Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.584	2.84 ng/ul	104592	Naphthalene-d8	10.856

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	86
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	86
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

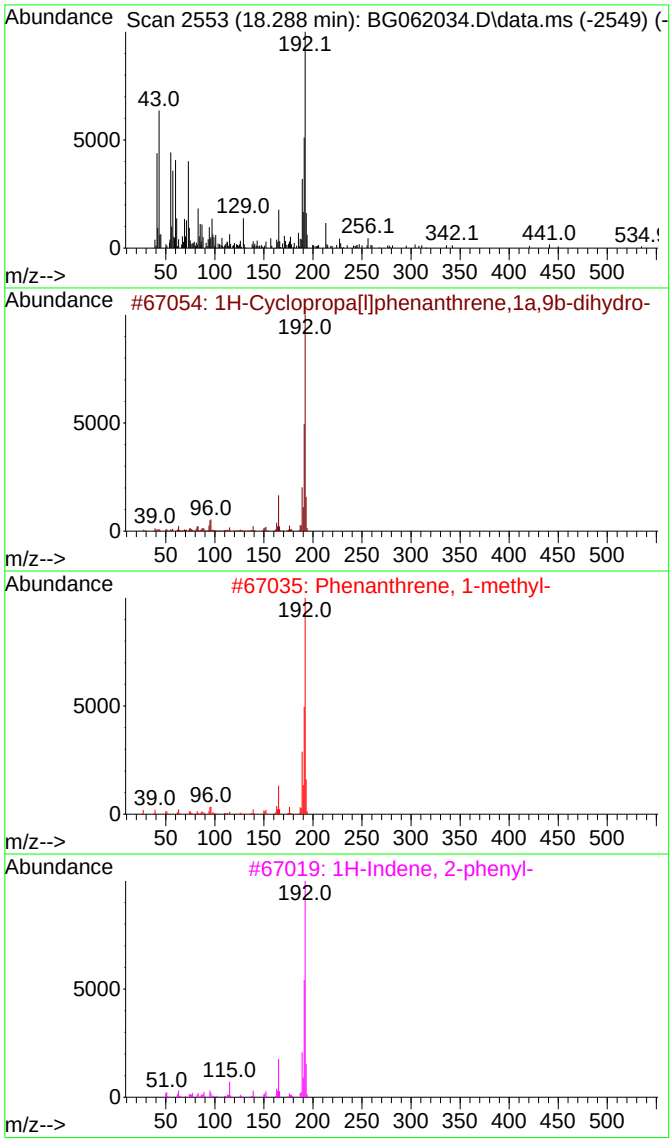
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

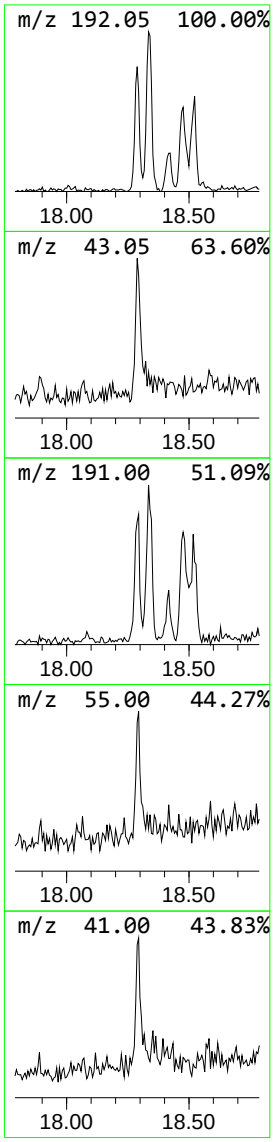
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.288	3.99 ng/ul	238253	Phenanthrene-d10	17.413

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

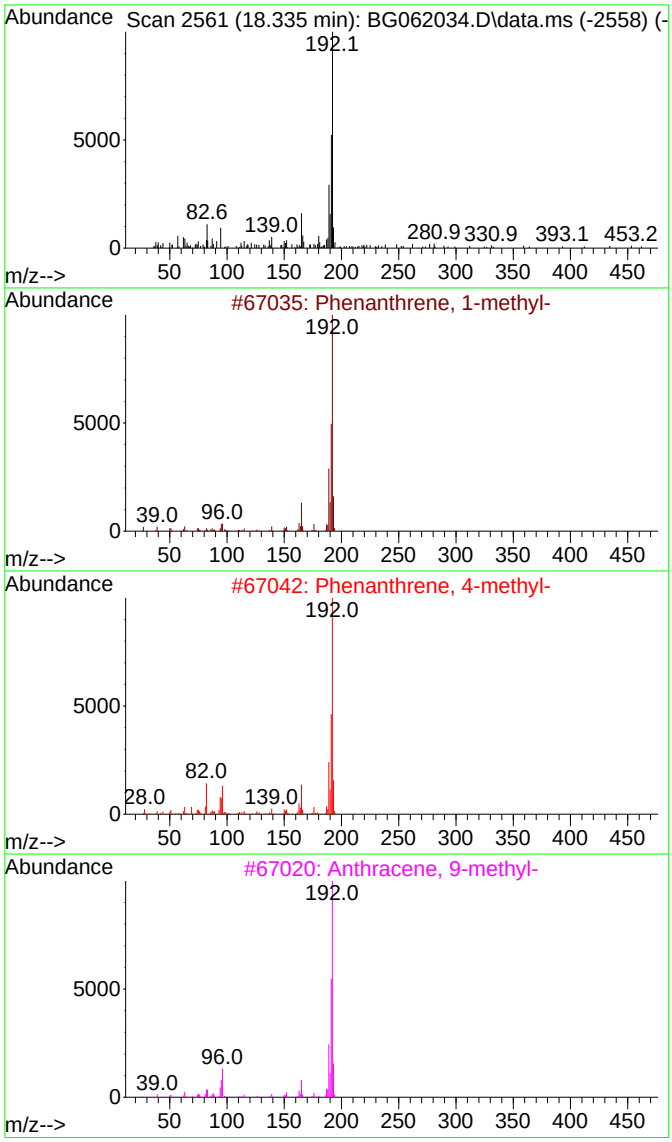
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

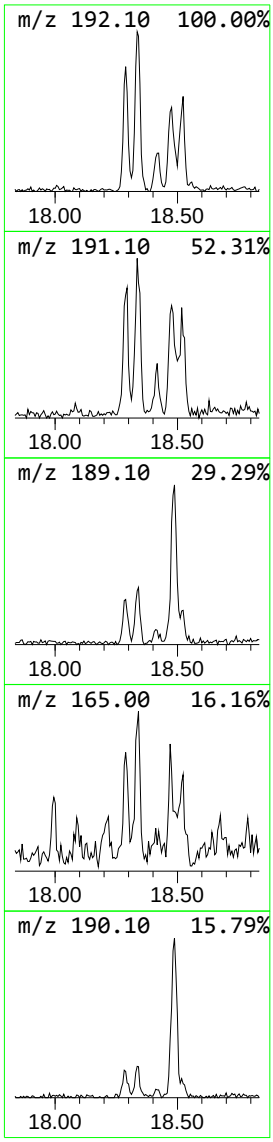
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.335	2.90 ng/ul	172828	Phenanthrene-d10	17.413

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72





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Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

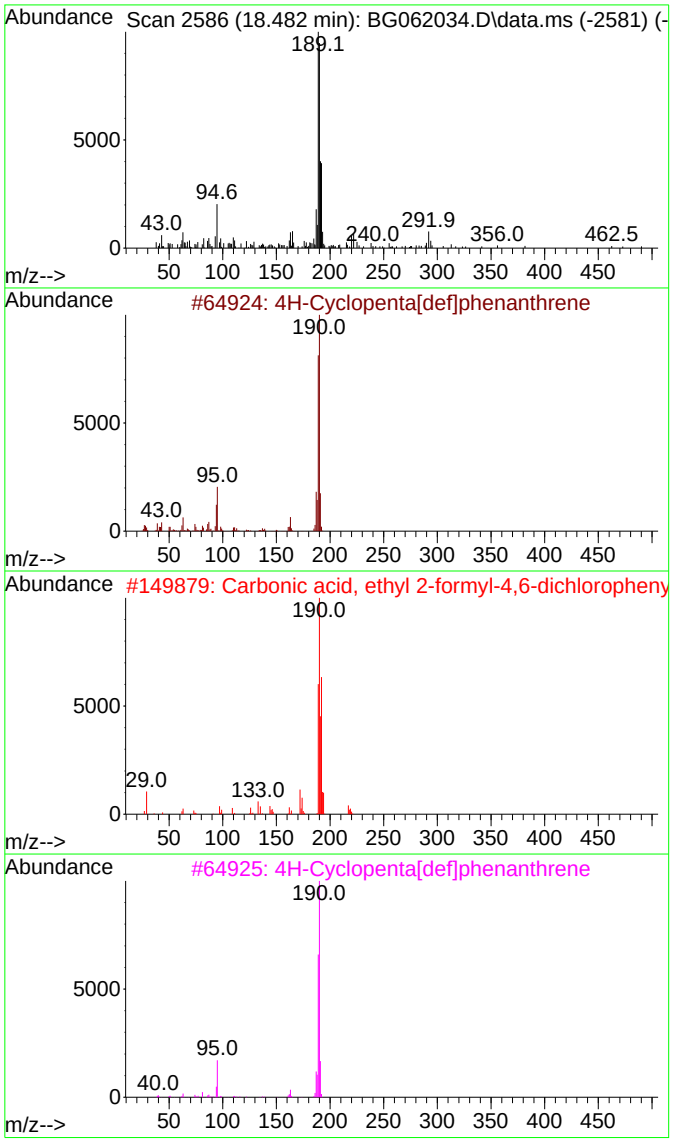
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

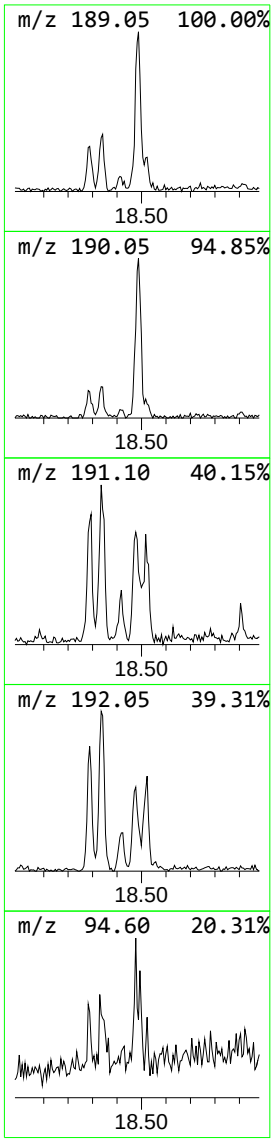
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.482	3.31 ng/ul	197170	Phenanthrene-d10	17.413

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
4	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	38
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

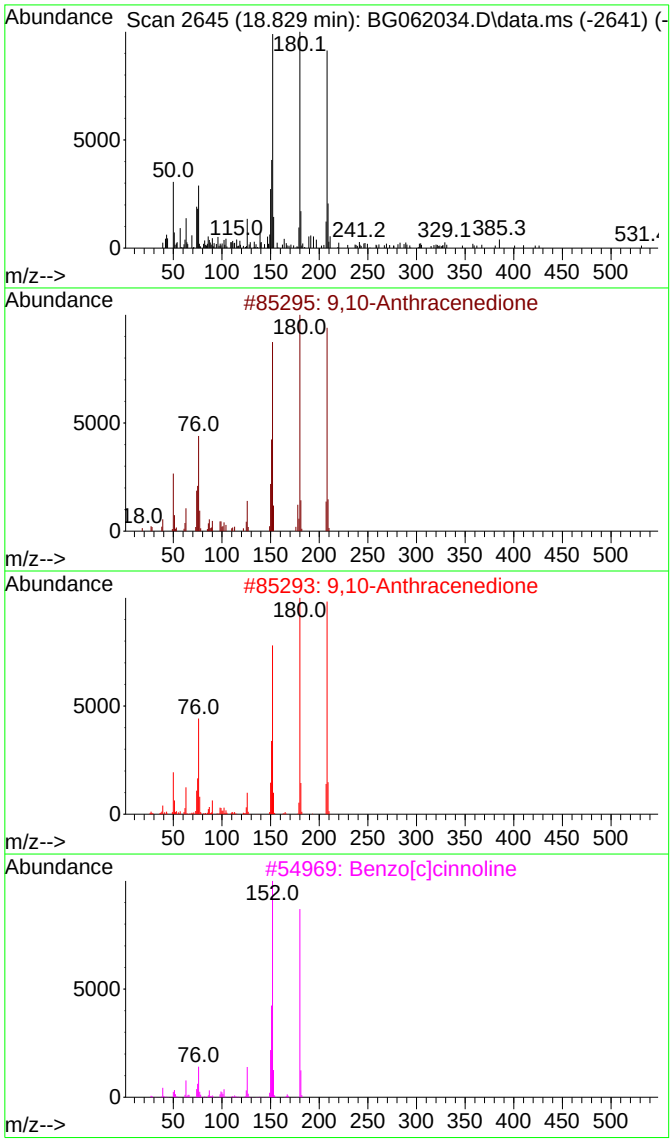
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

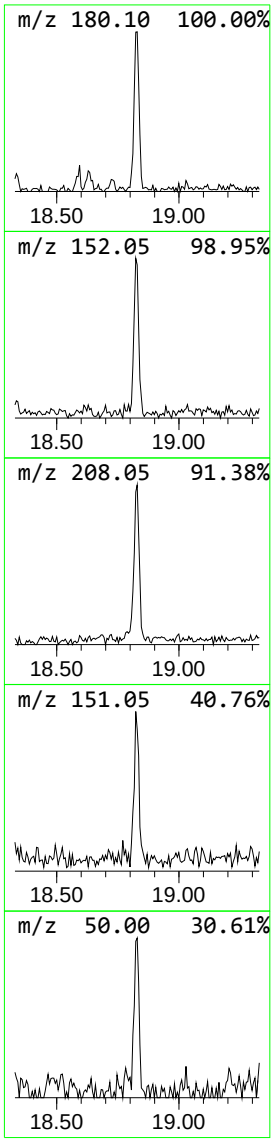
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.829	2.33 ng/ul	139015	Phenanthrene-d10	17.413

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	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.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
2-Pentanol, 3-m...	3.711	2.5	ng/ul	60826	1	8.035	491876	20.0
Methacrylamide	3.970	2.3	ng/ul	56081	1	8.035	491876	20.0
1-Phenoxypropan...	11.584	2.8	ng/ul	104592	2	10.856	736223	20.0
1H-Cyclopropa[l...	18.288	4.0	ng/ul	238253	4	17.413	1192920	20.0
Phenanthrene, 1...	18.335	2.9	ng/ul	172828	4	17.413	1192920	20.0
unknown-01	18.482	3.3	ng/ul	197170	4	17.413	1192920	20.0
9,10-Anthracene...	18.829	2.3	ng/ul	139015	4	17.413	1192920	20.0