LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

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\SOM-EPA-BG120720MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.083	122	127	134	rVB2	25412	41139	2.25%	0.238%
2	4.218	147	150	157	rVB5	5936	11346	0.62%	0.066%
3	4.330	163	169	173	rBV4	4862	9405	0.51%	0.054%
4	5.258	323	327	333	rVB4	7342	12256	0.67%	0.071%
5	5.822	418	423	426	rBV4	7400	13440	0.73%	0.078%
6	6.198	483	487	493	rVB2	9937	16132	0.88%	0.093%
7	7.191	649	656	659	rVB	5567	10636	0.58%	0.062%
8	7.291	667	673	677	rBV3	8449	14023	0.77%	0.081%
9	7.350	677	683	693	rVV2	67803	128780	7.04%	0.745%
10	7.426	693	696	702	rVB3	6045	8907	0.49%	0.052%
11	7.526	707	713	721	rBV2	35221	61410	3.36%	0.355%
12	7.738	741	749	757	rBV2	62074	108894	5.95%	0.630%
13	7.832	760	765	766	rVV3	12316	17086	0.93%	0.099%
14	7.855	766	769	776	rVB3	17961	28364	1.55%	0.164%
15	8.220	823	831	837	rBV	105626	187158	10.23%	1.083%
16	8.760	919	923	929	rBV4	5868	9843	0.54%	0.057%
17	8.854	935	939	942	rBV3	8756	12931	0.71%	0.075%
18	8.907	943	948	955	rVV2	70709	119308	6.52%	0.690%
19	9.383	1023	1029	1034	rVV	58551	100563	5.50%	0.582%
20	9.442	1036	1039	1043	rVB2	7299	9363	0.51%	0.054%
21	10.111	1142	1153	1159	rBV3	60018	109011	5.96%	0.631%
22	10.652	1237	1245	1251	rVB	86124	153821	8.41%	0.890%
23	11.046	1305	1312	1317	rBV	121732	224346	12.26%	1.298%
24	11.093	1317	1320	1325	rVB2	11316	18947	1.04%	0.110%
25	11.169	1326	1333	1340	rBV4	8748	19513	1.07%	0.113%
26	12.421	1543	1546	1551	rVB3	5612	10318	0.56%	0.060%
27	12.679	1585	1590	1595	rVB2	16589	27978	1.53%	0.162%
28	12.902	1621	1628	1632	rVB2	11214	19145	1.05%	0.111%
29	13.654	1751	1756	1763	rBV4	6980	17419	0.95%	0.101%
30	13.872	1788	1793	1796	rBV3	6557	11191	0.61%	0.065%
31	13.995	1807	1814	1816	rBV3	19158	29322	1.60%	0.170%
32	14.160	1834	1842	1847	rBV4	33418	61178	3.34%	0.354%
33	14.224	1847	1853	1858	rVV	149044	242546	13.26%	1.403%
34	14.271	1858	1861	1869	rVB2	40268	57521	3.14%	0.333%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

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\SOM-EPA-BG120720MA.M
Title : SVOA CALIBRATION

35	14.395	1877	1882	1885	rBV3	16194	25725	1.41%	0.149%
36	14.424	1885	1887	1892	rVB3	7917	9048	0.49%	0.052%
37	14.530	1899	1905	1916	rBV2	151247	255769	13.98%	1.480%
38	14.712	1932	1936	1940	rBV3	7869	9810	0.54%	0.057%
39	14.835	1945	1957	1963	rBV2	211114	358273	19.59%	2.073%
40	14.894	1963	1967	1974	rVB5	28381	48439	2.65%	0.280%
41	15.006	1980	1986	2000	rVB3	58618	122742	6.71%	0.710%
42	15.223	2017	2023	2029	rBV2	58340	99620	5.45%	0.576%
43	15.300	2031	2036	2043	rVB3	28992	46955	2.57%	0.272%
44	15.441	2054	2060	2065	rBV3	23519	39524	2.16%	0.229%
45	15.493	2065	2069	2074	rVB3	26054	39580	2.16%	0.229%
46	15.611	2080	2089	2093	rBV6	20407	51109	2.79%	0.296%
47	15.646	2093	2095	2101	rVB5	18756	26552	1.45%	0.154%
48	15.781	2115	2118	2119	rVV3	11049	11313	0.62%	0.065%
49	15.822	2119	2125	2129	rVV	177494	291361	15.93%	1.686%
50	15.869	2129	2133	2138	rVV4	40245	71797	3.92%	0.415%
51	15.928	2138	2143	2147	rVV2	50300	69744	3.81%	0.404%
52	15.993	2152	2154	2157	rVB3	8350	9959	0.54%	0.058%
53	16.040	2157	2162	2165	rBV3	15225	19242	1.05%	0.111%
54	16.163	2173	2183	2192	rVB2	66153	128105	7.00%	0.741%
55	16.275	2197	2202	2203	rVV3	7942	11705	0.64%	0.068%
56	16.310	2203	2208	2216	rVV3	70848	152196	8.32%	0.881%
57	16.404	2216	2224	2230	rVB6	18391	42988	2.35%	0.249%
58	16.516	2240	2243	2244	rVV2	11633	12826	0.70%	0.074%
59	16.545	2244	2248	2253	rVB4	25522	42538	2.33%	0.246%
60	16.680	2269	2271	2274	rVB3	8633	9969	0.54%	0.058%
61	16.845	2295	2299	2300	rVV4	9465	11189	0.61%	0.065%
62	16.880	2301	2305	2310	rVB4	26706	40875	2.23%	0.237%
63	17.097	2335	2342	2346	rBV7	60119	124356	6.80%	0.720%
64	17.139	2346	2349	2353	rVB3	35959	52689	2.88%	0.305%
65	17.221	2358	2363	2370	rVB2	90801	141749	7.75%	0.820%
66	17.297	2371	2376	2383	rBV2	65158	123431	6.75%	0.714%
67	17.391	2388	2392	2399	rVB2	56617	97191	5.31%	0.562%
68	17.515	2410	2413	2415	rBV4	6094	8601	0.47%	0.050%
69	17.573	2417	2423	2426	rVV	283404	445477	24.35%	2.578%
70	17.614	2426	2430	2435	rVV	862515	1293245	70.70%	7.483%
71	17.673	2435	2440	2443	rVV	197577	331907	18.14%	1.921%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

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\SOM-EPA-BG120720MA.M
Title : SVOA CALIBRATION

72	17.703	2443	2445	2451	rVB	199806	256422	14.02%	1.484%
73	17.855	2465	2471	2472	rBV5	11862	21433	1.17%	0.124%
74	17.879	2472	2475	2481	rVB4	22728	40939	2.24%	0.237%
75	17.967	2481	2490	2493	rBV4	32792	74123	4.05%	0.429%
76	18.084	2507	2510	2516	rBV4	25463	35582	1.95%	0.206%
77	18.149	2517	2521	2530	rVB5	49781	90412	4.94%	0.523%
78	18.284	2542	2544	2553	rVB5	22742	50080	2.74%	0.290%
79	18.361	2554	2557	2561	rVB4	25214	32500	1.78%	0.188%
80	18.443	2566	2571	2575	rBV	207264	294320	16.09%	1.703%
81	18.490	2575	2579	2585	rVB	307892	465775	25.46%	2.695%
82	18.572	2588	2593	2597	rBV	113429	163903	8.96%	0.948%
83	18.631	2598	2603	2607	rBV2	176314	348415	19.05%	2.016%
84	18.931	2650	2654	2658	rBV	137920	195231	10.67%	1.130%
85	18.972	2658	2661	2666	rVB	98125	133933	7.32%	0.775%
86	19.177	2692	2696	2699	rVV	62971	74805	4.09%	0.433%
87	19.224	2701	2704	2707	rVV	56967	70209	3.84%	0.406%
88	19.260	2708	2710	2715	rVB2	54696	64290	3.51%	0.372%
89	19.342	2720	2724	2729	rBV2	120069	197980	10.82%	1.146%
90	19.489	2744	2749	2756	rVB2	154591	271084	14.82%	1.569%
91	19.612	2764	2770	2775	rBV	1309046	1829308	100.00%	10.585%
92	19.935	2820	2825	2828	rBV2	481417	829527	45.35%	4.800%
93	19.971	2828	2831	2836	rVV	1009912	1402674	76.68%	8.116%
94	20.035	2838	2842	2848	rVB2	132134	206670	11.30%	1.196%
95	20.141	2857	2860	2865	rVB	123111	170848	9.34%	0.989%
96	20.282	2879	2884	2892	rBV3	144267	379417	20.74%	2.195%
97	20.752	2961	2964	2967	rBV2	83228	102971	5.63%	0.596%
98	21.222	3040	3044	3050	rVB	254601	385495	21.07%	2.231%
99	21.839	3143	3149	3155	rBV3	674858	1563505	85.47%	9.047%
100	21.904	3156	3160	3171	rVB	523747	929439	50.81%	5.378%

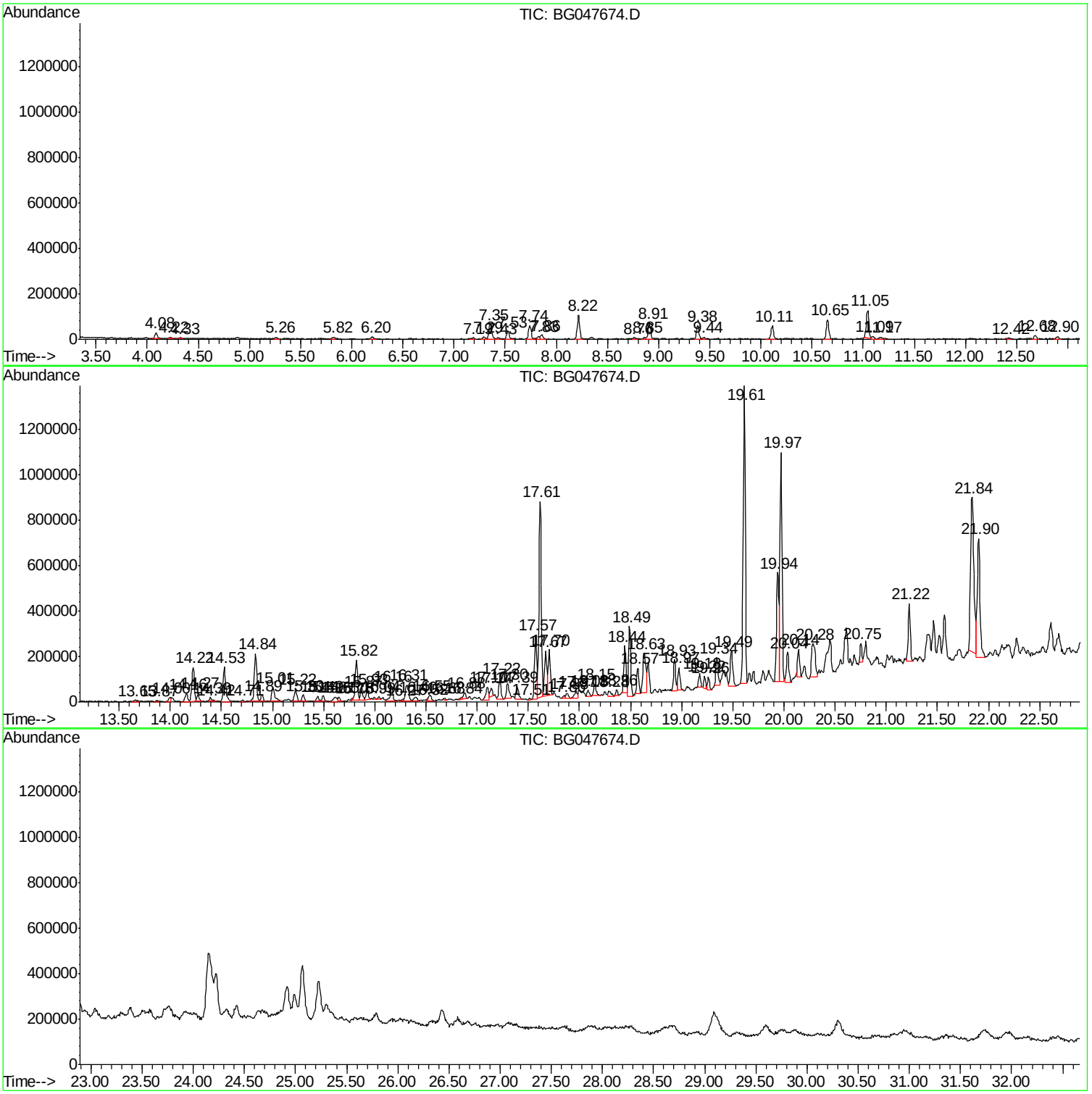
Sum of corrected areas: 17282129

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

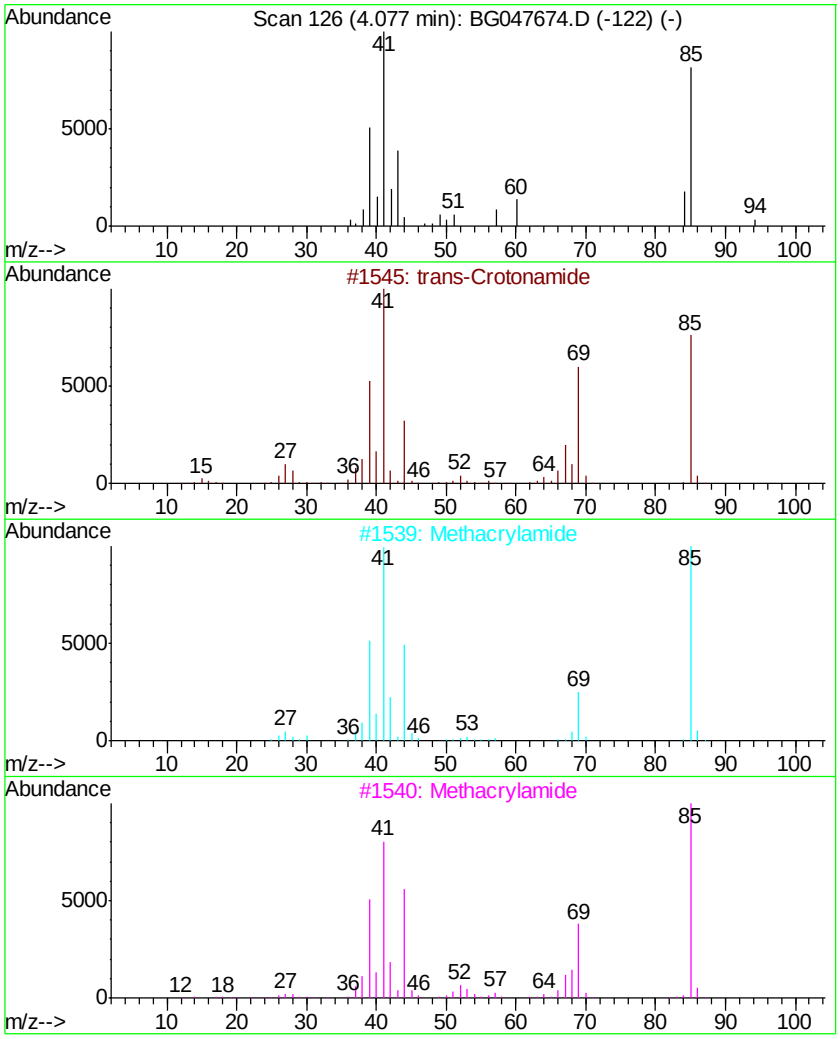
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

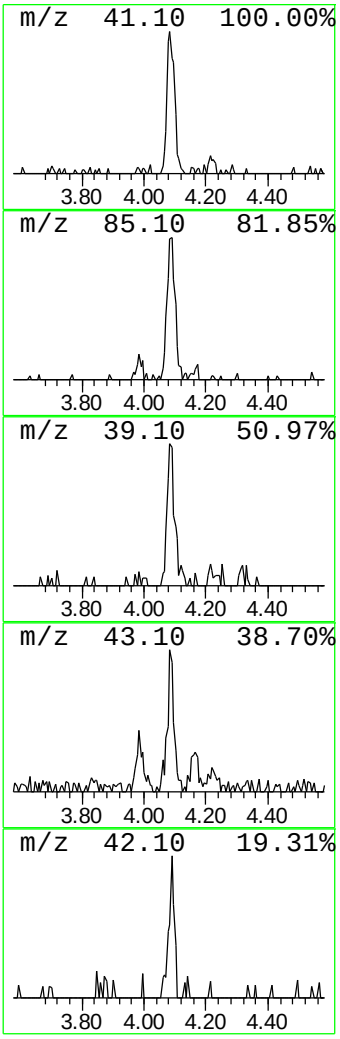
****

Peak Number 1 trans-Crotonamide Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	4.40 ng/ul	41139	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Crotonamide	85	C4H7NO	000625-37-6	50
2	Methacrylamide	85	C4H7NO	000079-39-0	50
3	Methacrylamide	85	C4H7NO	000079-39-0	40
4	Oxalic acid, allyl isohexyl ester	214	C11H18O4	1000309-23-3	38
5	Pentanoic acid, 2,2-dimethyl-, e...	156	C9H16O2	044970-05-0	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

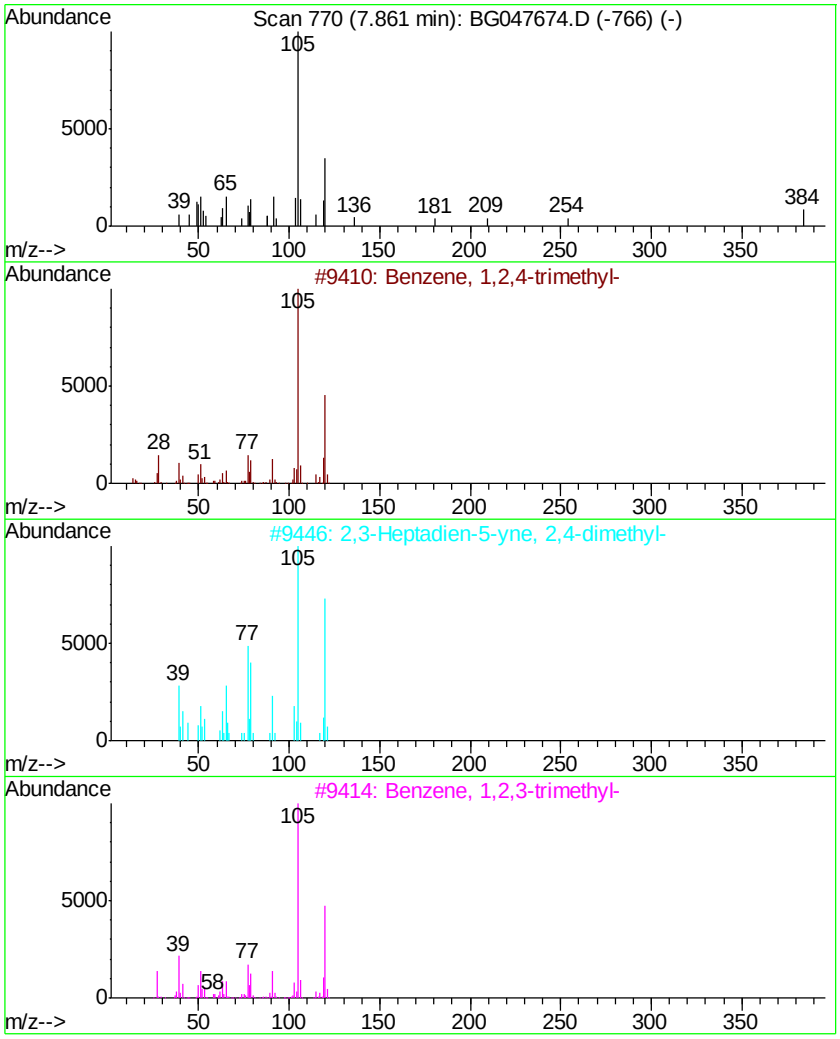
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

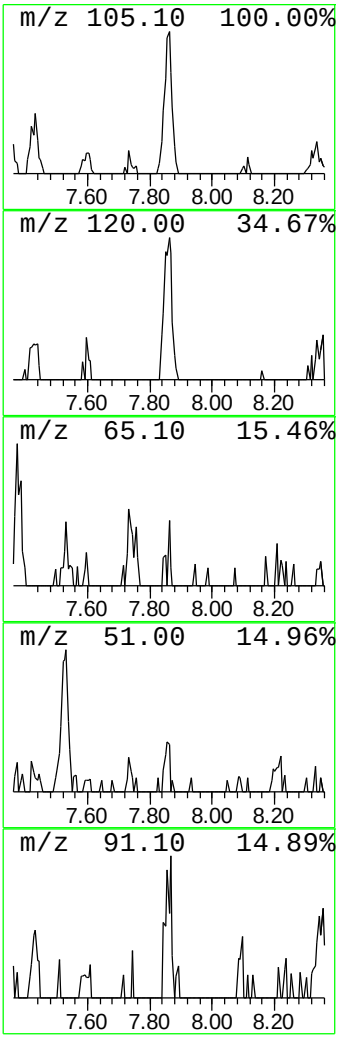
****

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	3.03 ng/ul	28364	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	58
2	2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	53
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	50
4	Mesitylene	120	C9H12	000108-67-8	50
5	Mesitylene	120	C9H12	000108-67-8	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

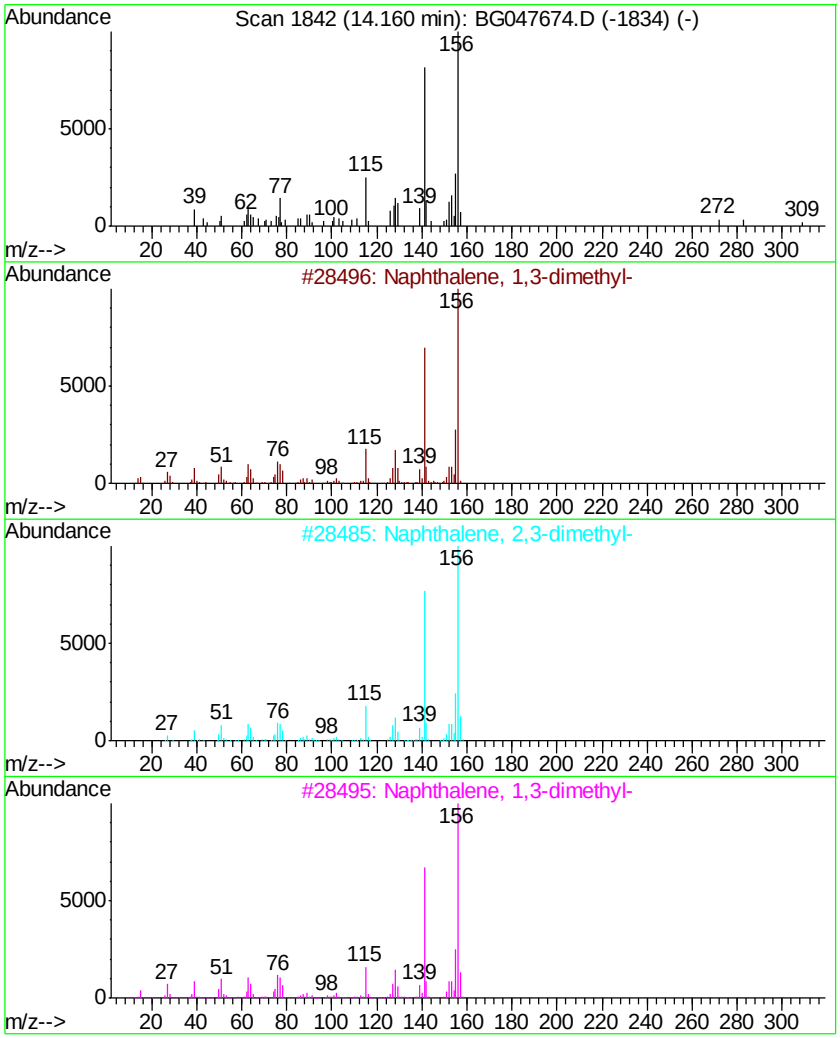
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

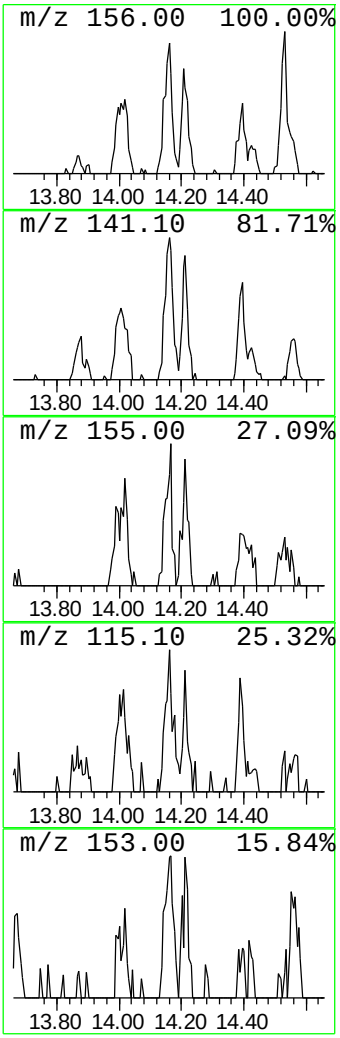
****

Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	3.42 ng/ul	61178	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

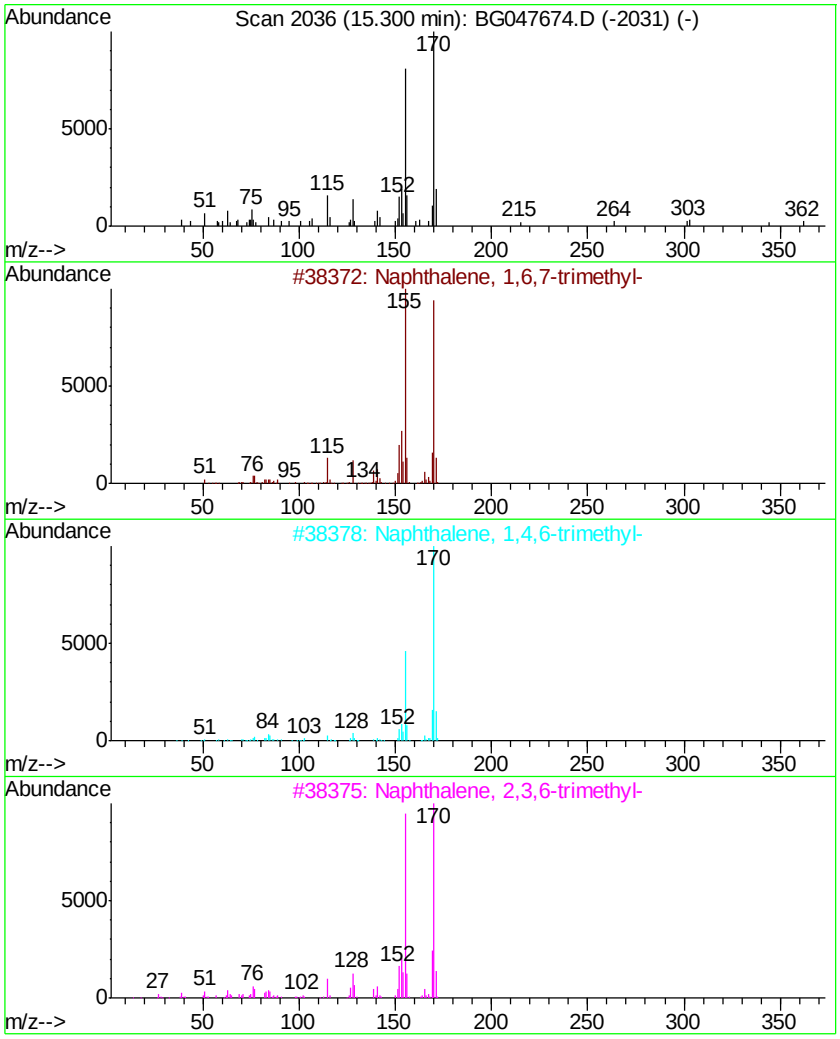
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

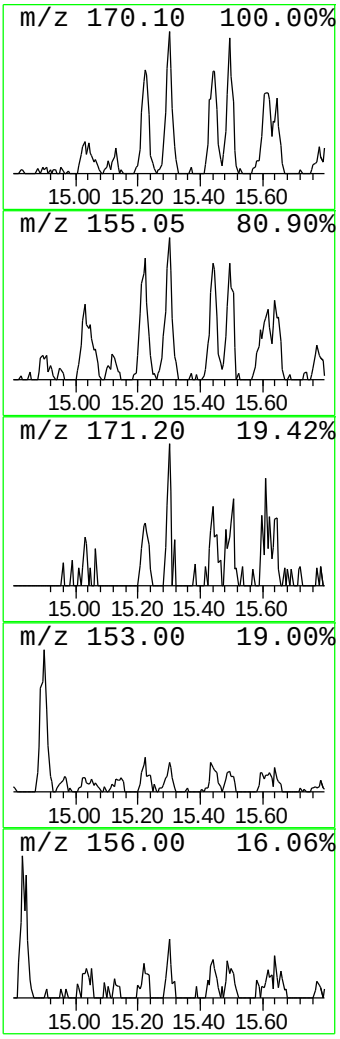
****

Peak Number 4 Naphthalene, 1,6,7-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	2.62 ng/ul	46955	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

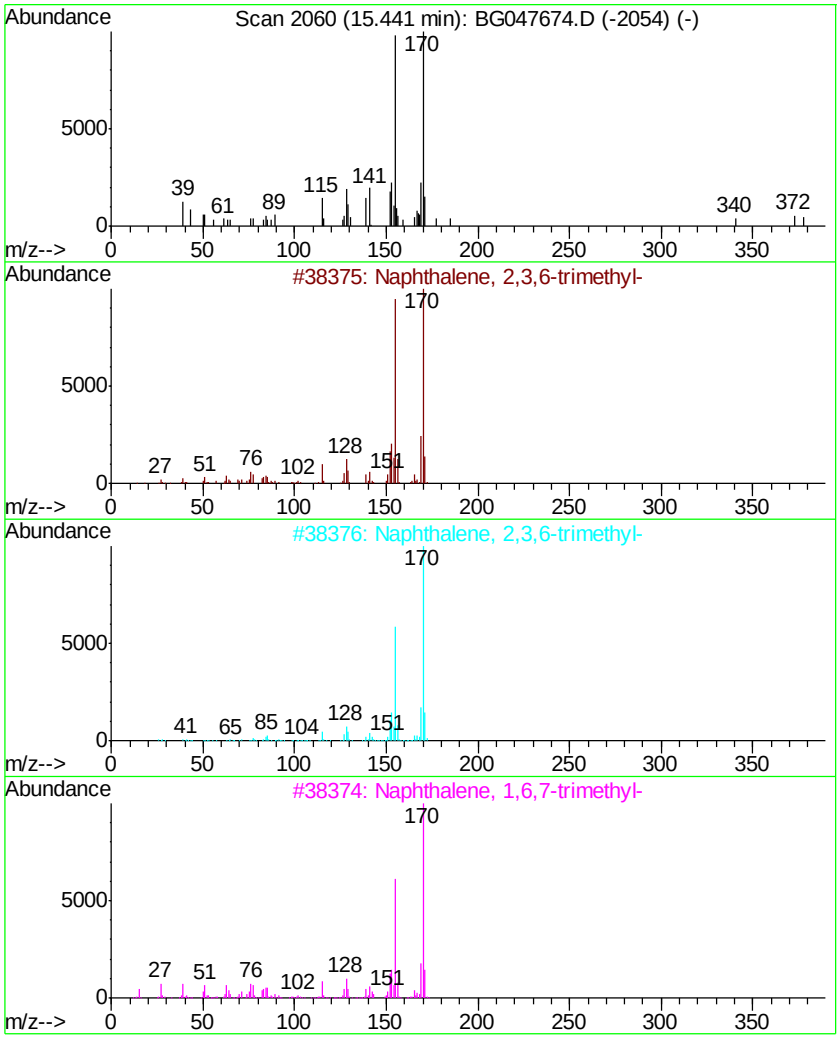
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

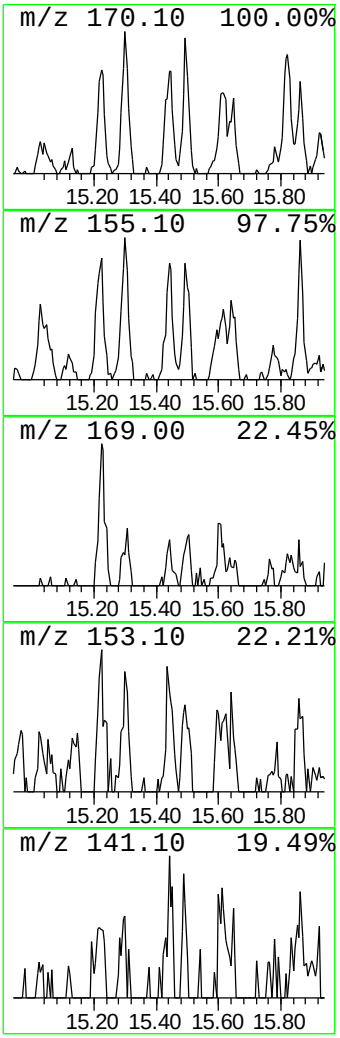
****

Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.21 ng/ul	39524	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

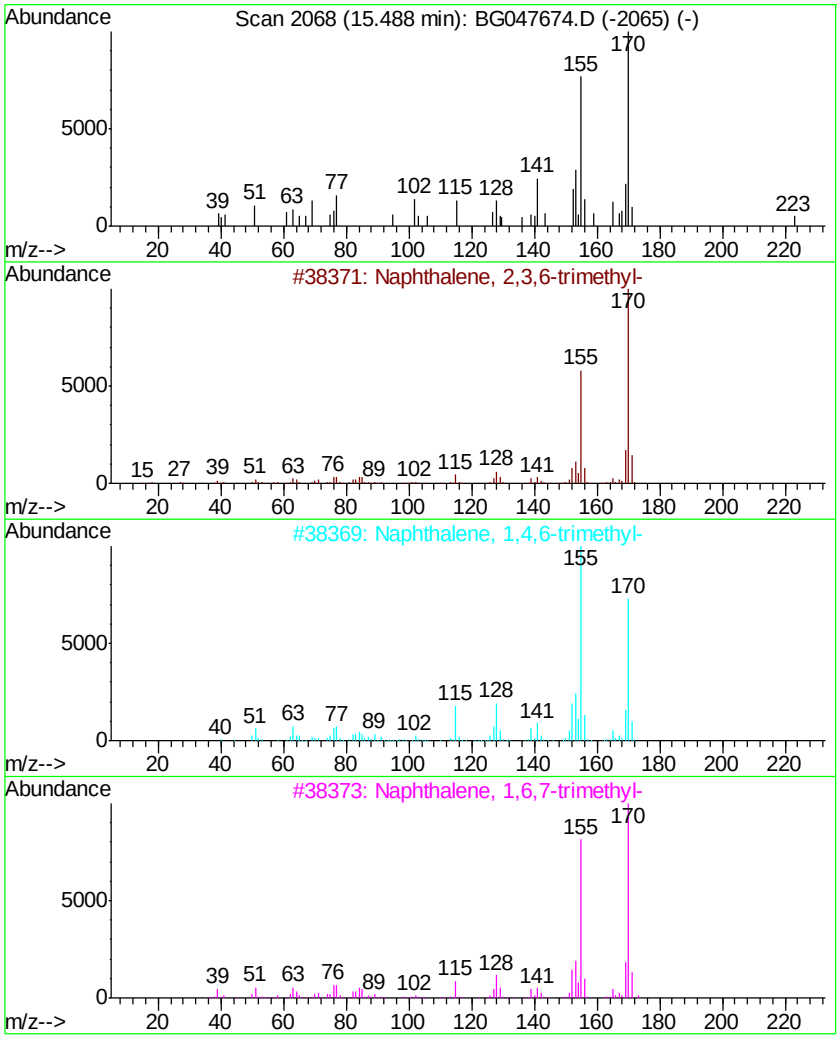
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

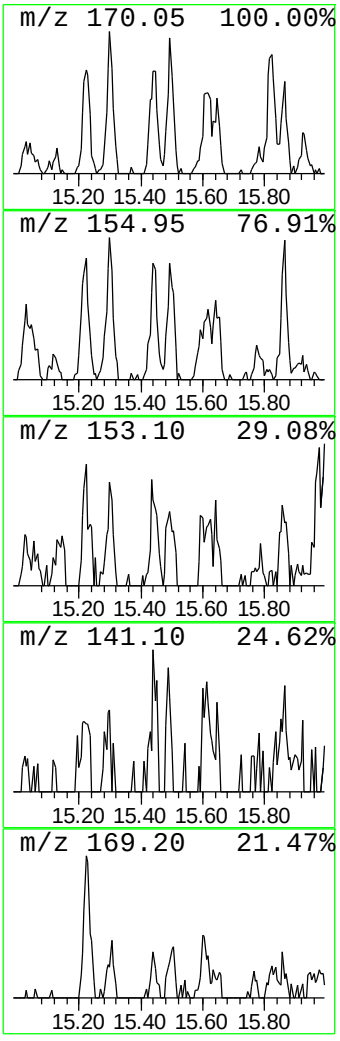
****

Peak Number 6 Naphthalene, 1,4,6-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.21 ng/ul	39580	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	80
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	74
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	72
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	72
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

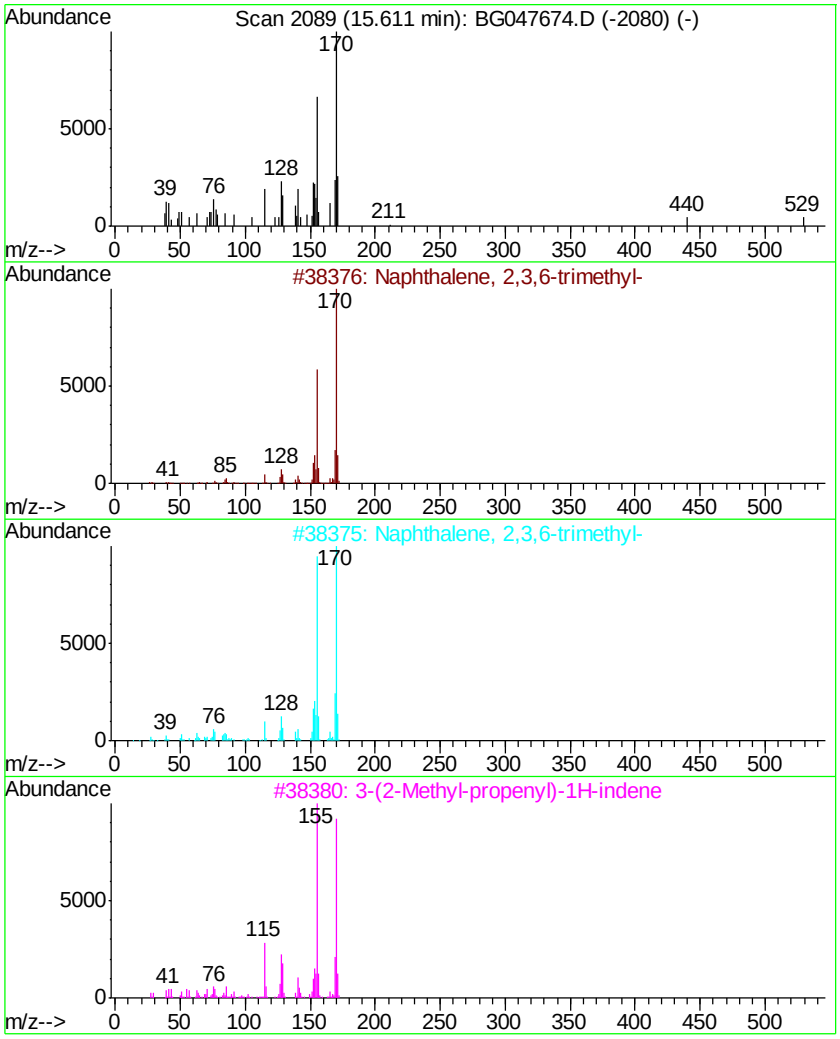
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

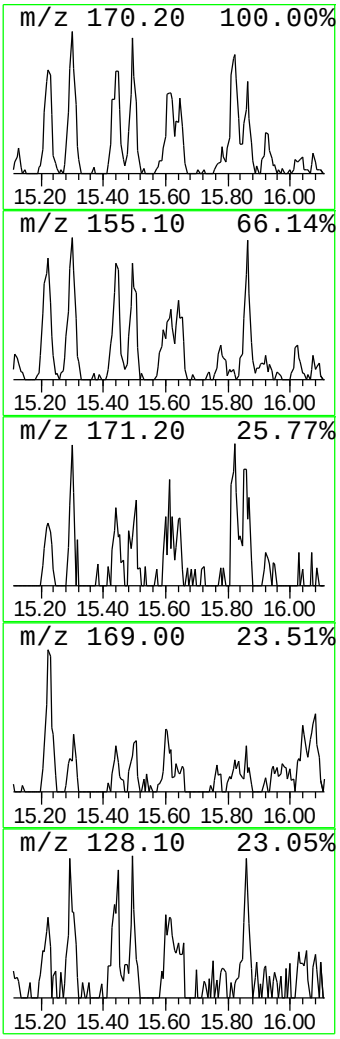
****

Peak Number 7 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.85 ng/ul	51109	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	62
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	62
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	58
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

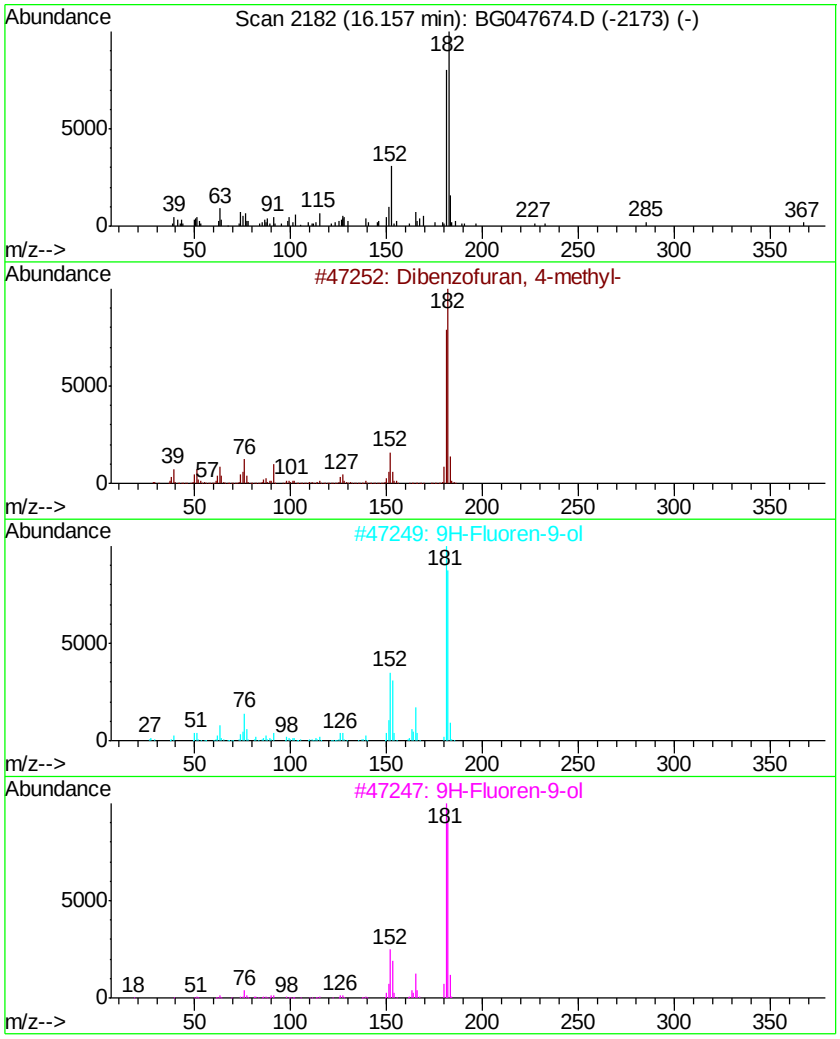
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

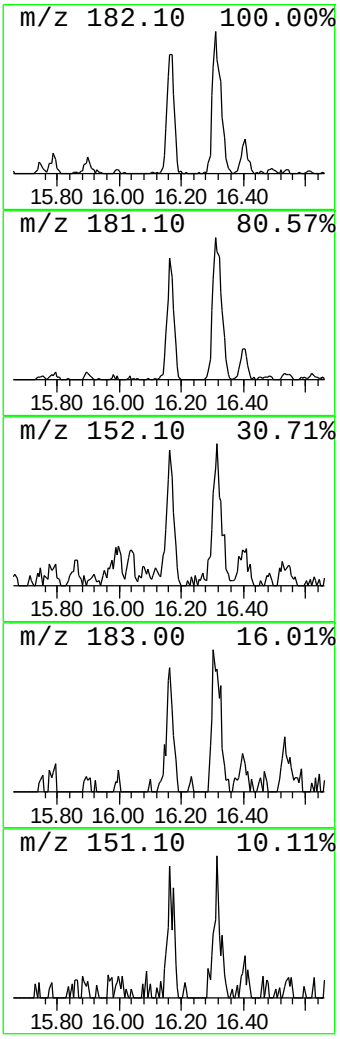
****

Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	7.15 ng/ul	128105	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

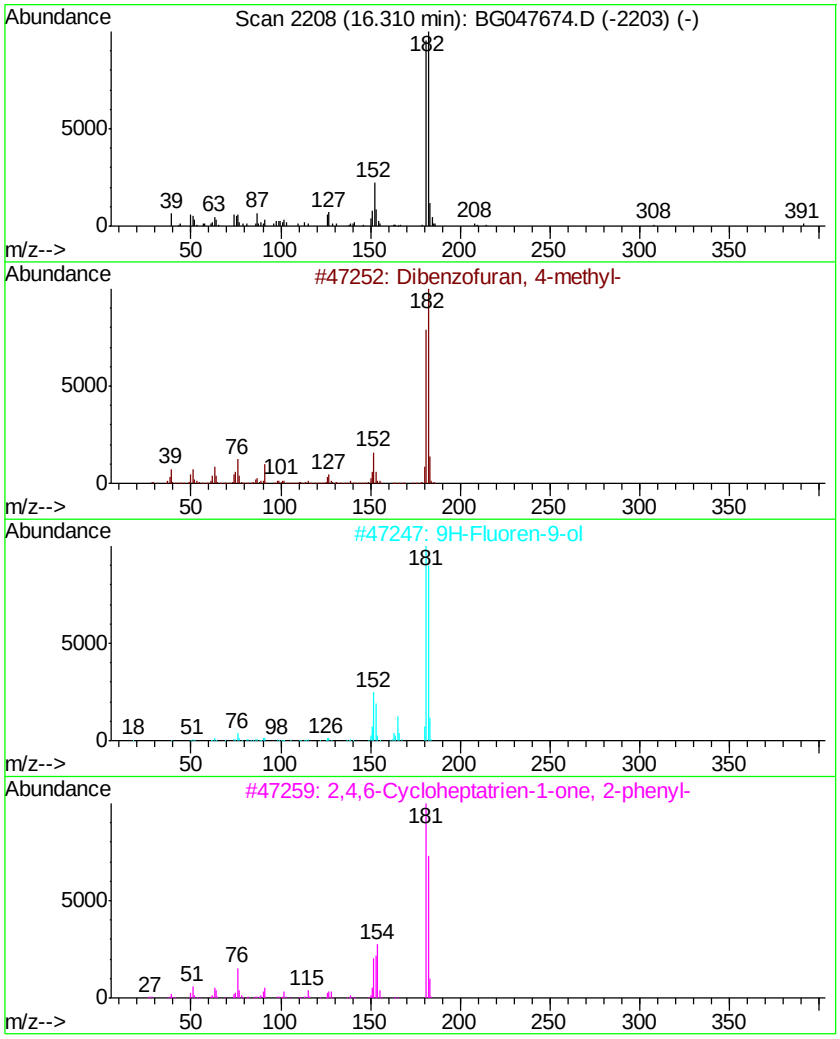
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

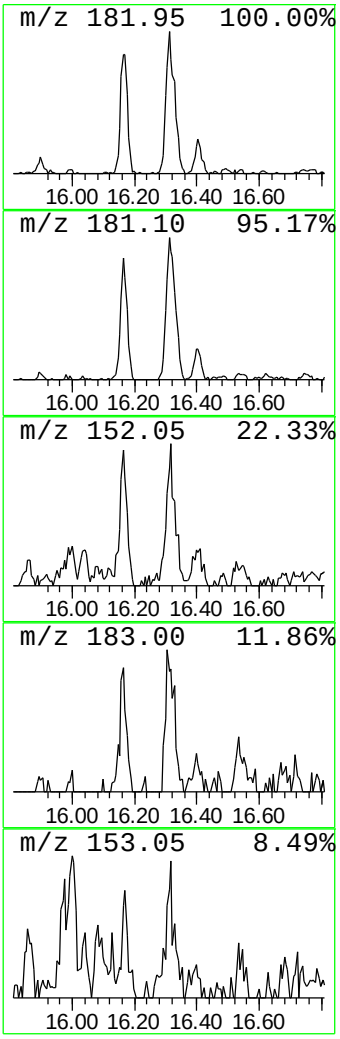
****

Peak Number 9 9H-Fluoren-9-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	6.83 ng/ul	152196	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

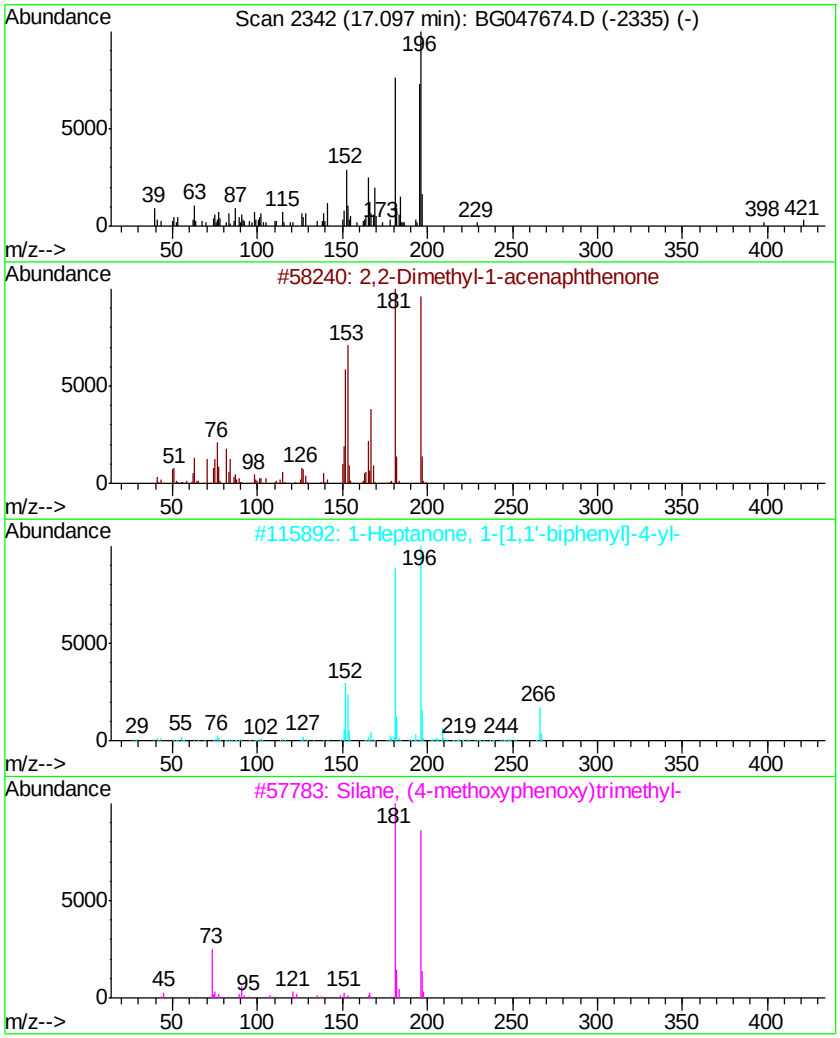
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

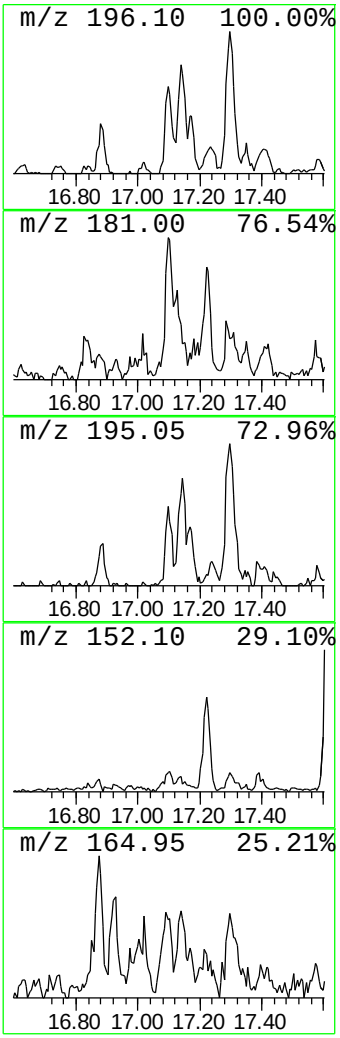
****

Peak Number 10 2,2-Dimethyl-1-acenaphthenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	5.58 ng/ul	124356	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	64
2	1-Heptanone, 1-[1,1'-biphenyl]-4...	266	C19H22O	059662-27-0	50
3	Silane, (4-methoxyphenoxy)trimet...	196	C10H16O2Si	006689-38-9	49
4	Orcinol, trimethylsilyl ether	196	C10H16O2Si	1000352-83-3	49
5	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

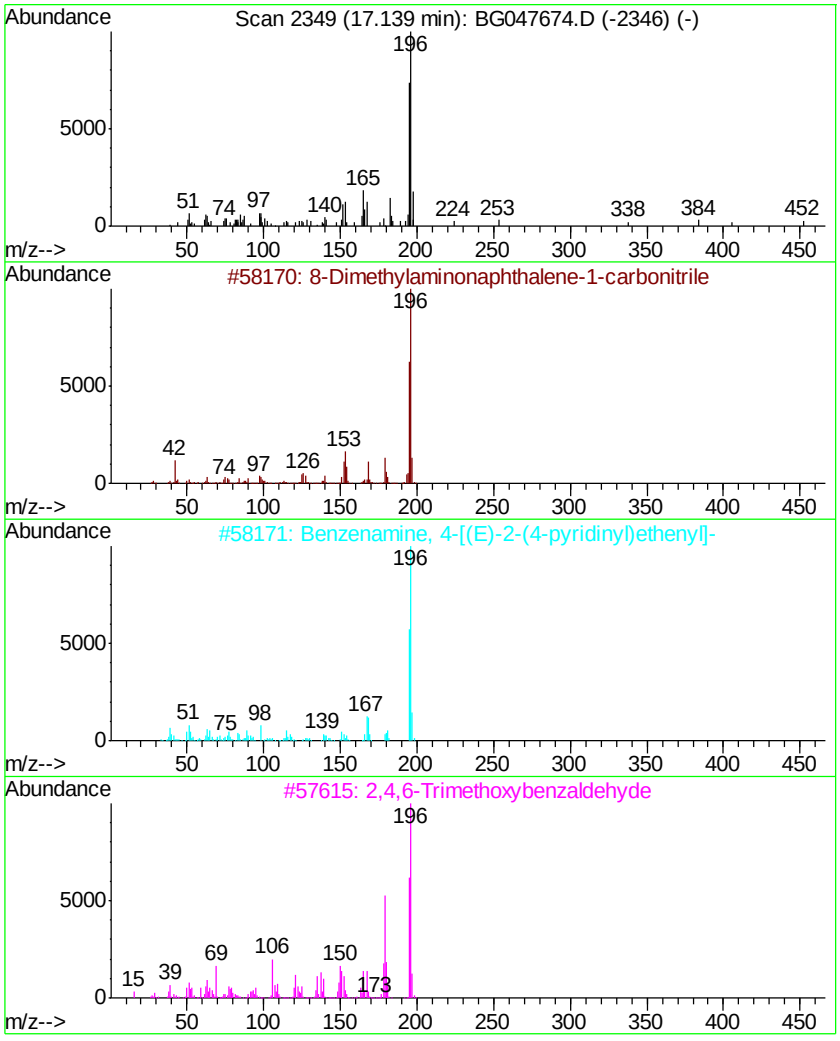
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

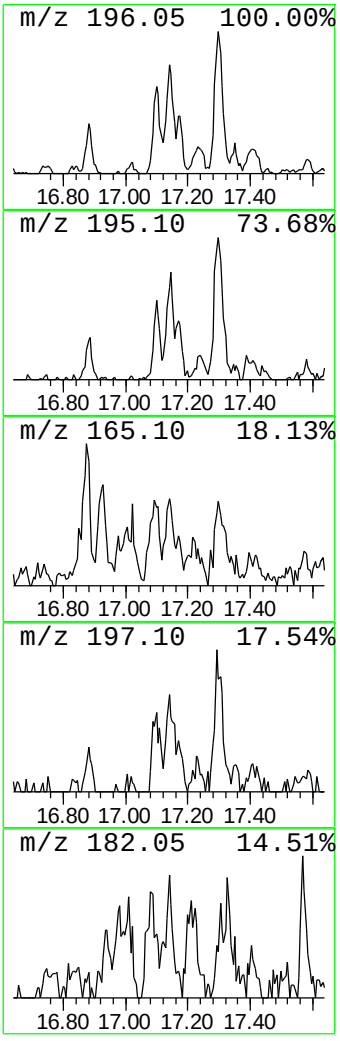
****

Peak Number 11 Benzenamine, 4-[(E)-2-(4-py... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	2.37 ng/ul	52689	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
2	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	72
3	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	64
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	64
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

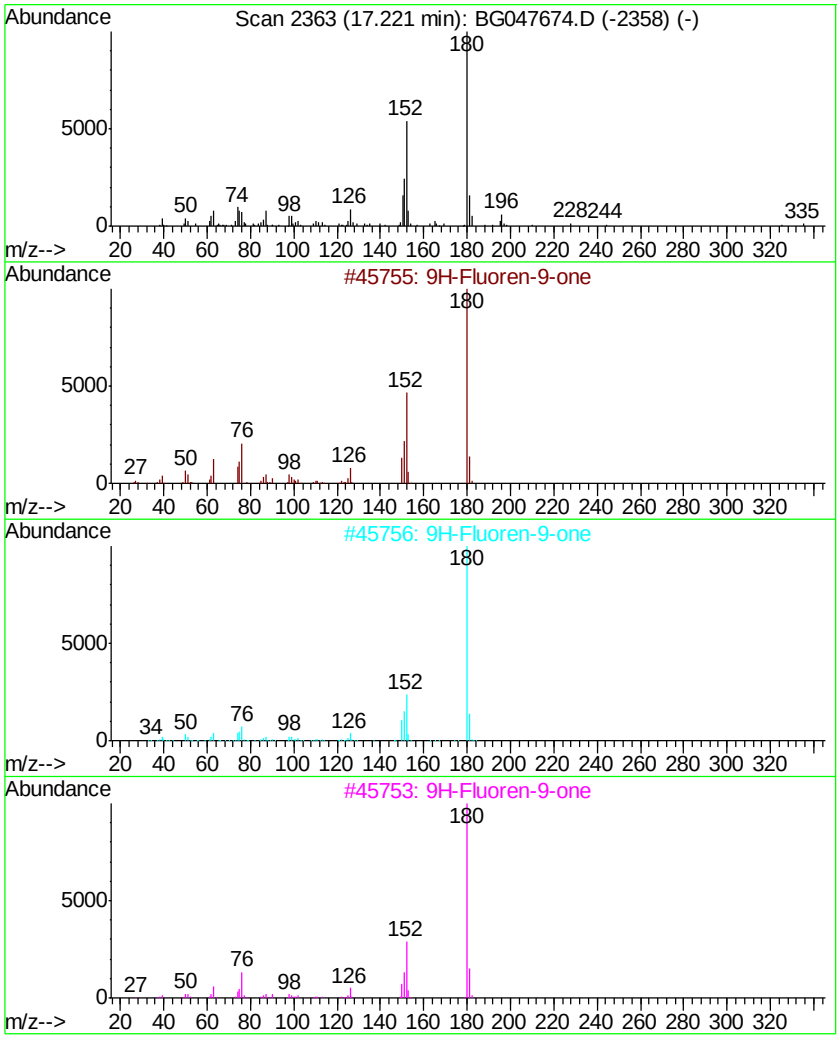
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

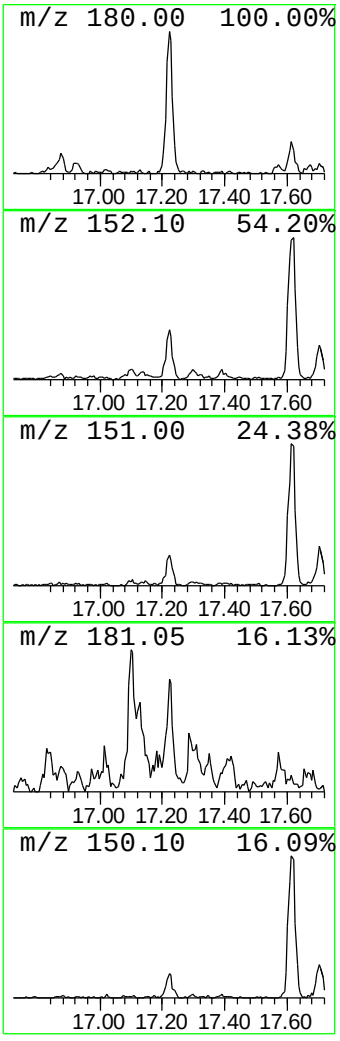
****

Peak Number 12 9H-Fluoren-9-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	6.36 ng/ul	141749	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

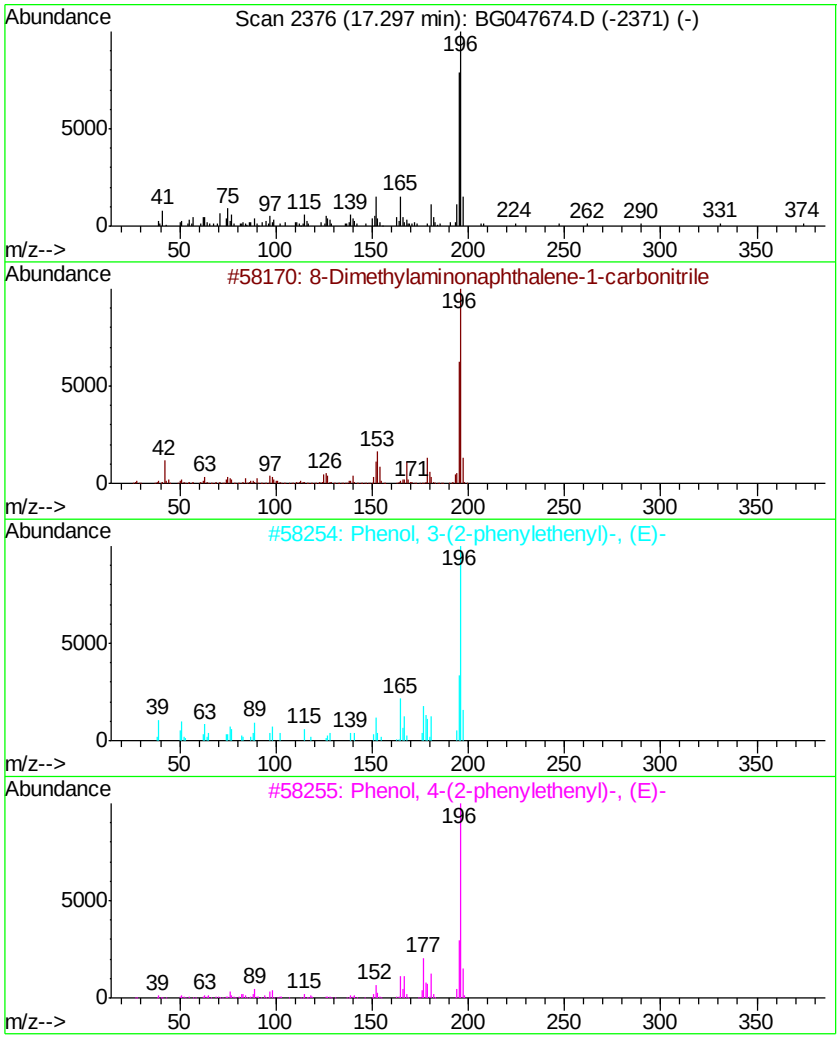
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

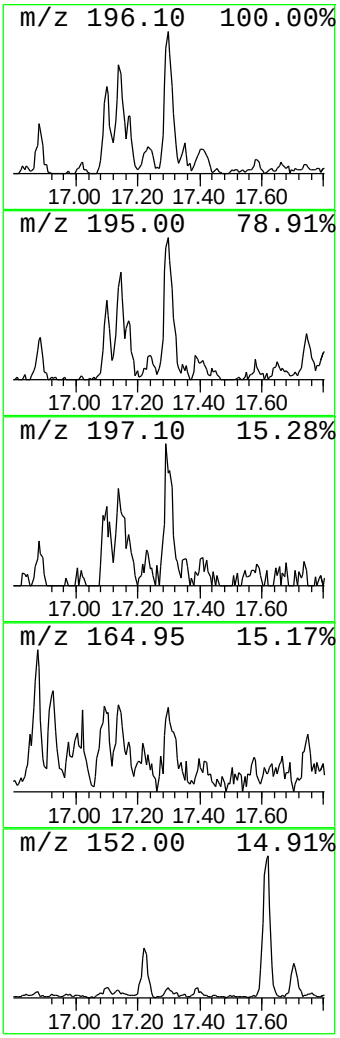
****

Peak Number 13 8-Dimethylaminonaphthalene-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	5.54 ng/ul	123431	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	83
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	64
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	50
5	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

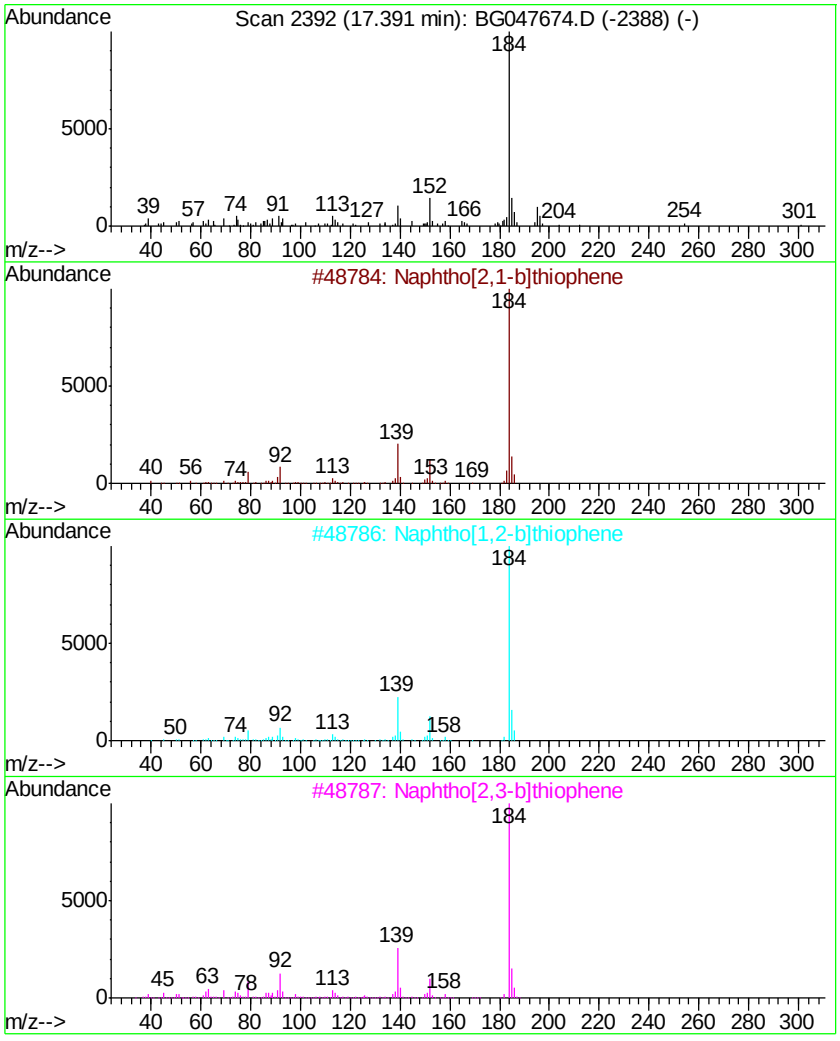
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

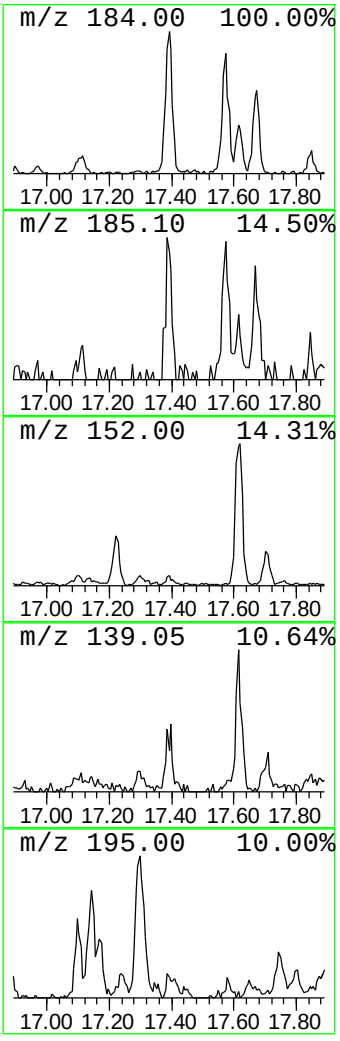
****

Peak Number 14 Naphtho[2,1-b]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	4.36 ng/ul	97191	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	83
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	76
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	76
4	Dibenzothiophene	184	C12H8S	000132-65-0	74
5	Dibenzothiophene	184	C12H8S	000132-65-0	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

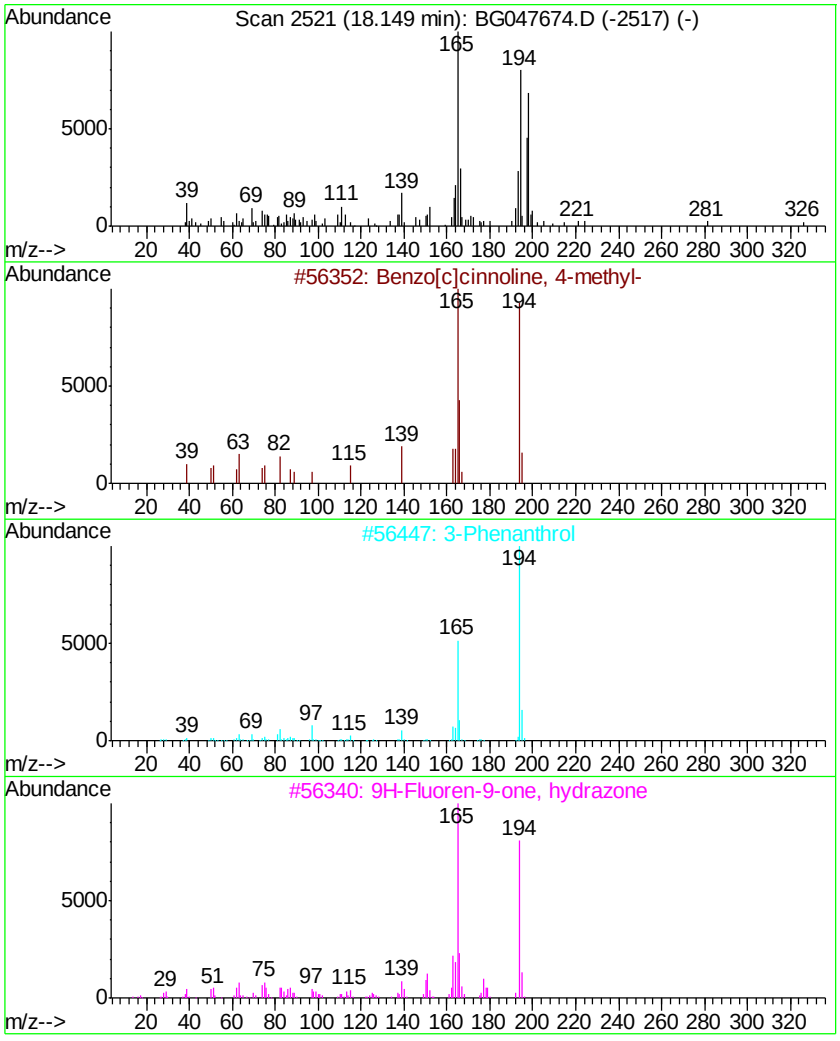
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

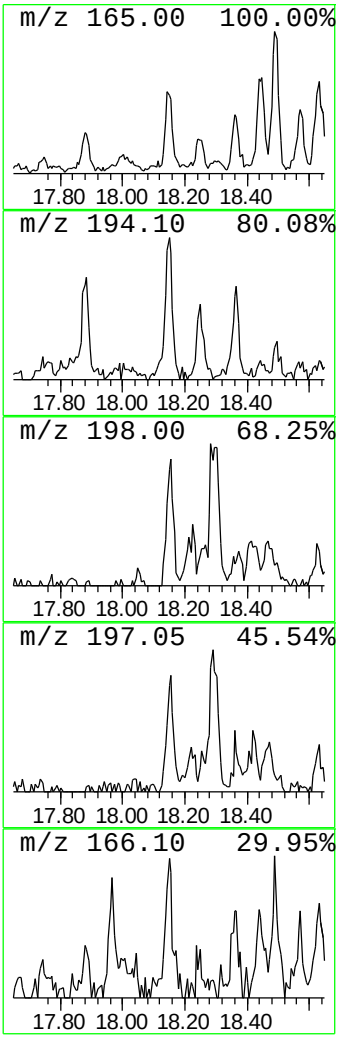
****

Peak Number 15 Benzo[c]cinnoline, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	4.06 ng/ul	90412	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline, 4-methyl-	194	C13H10N2	019174-78-8	50
2	3-Phenanthrol	194	C14H10O	000605-87-8	49
3	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	49
4	1-Phenanthrenol	194	C14H10O	002433-56-9	49
5	1-Phenanthrenol	194	C14H10O	002433-56-9	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

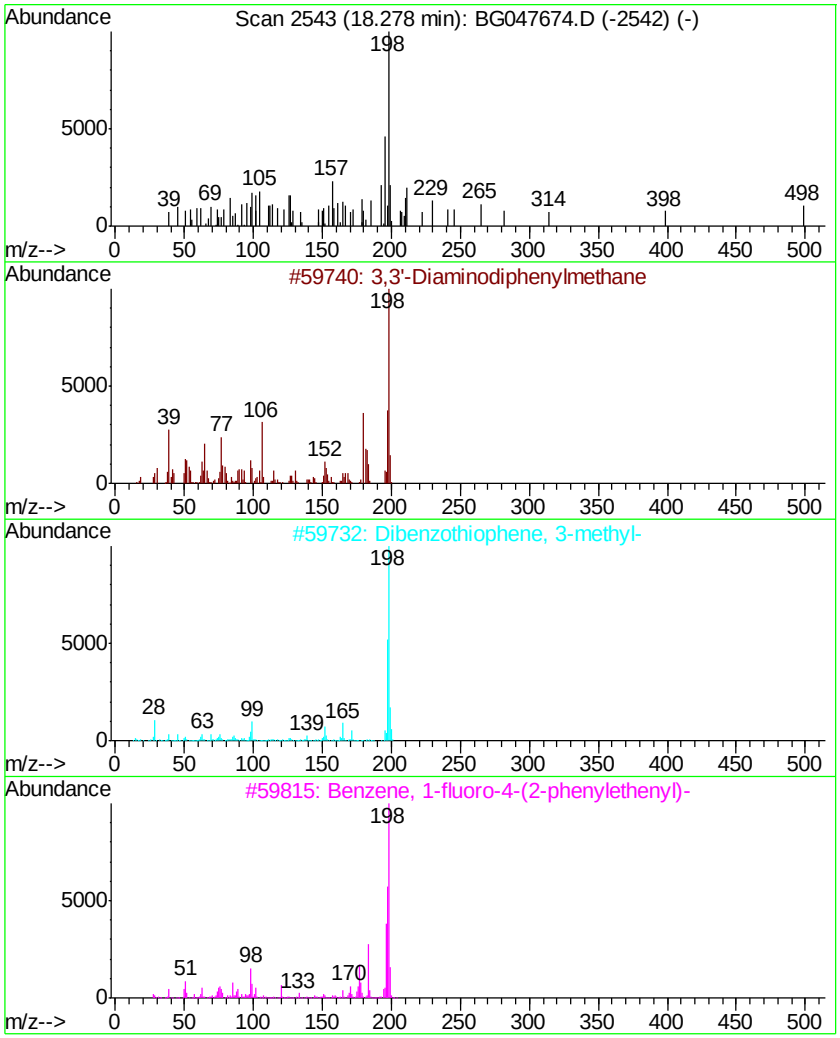
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

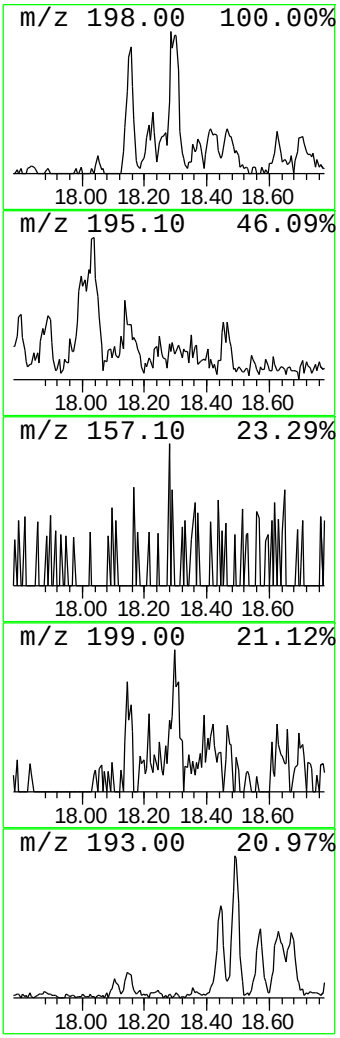
****

Peak Number 16 3,3'-Diaminodiphenylmethane Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.25 ng/ul	50080	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Diaminodiphenylmethane	198	C13H14N2	019471-12-6	59
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	58
3	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	53
4	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	50
5	Benzene, 1-fluoro-3-(2-phenyleth...	198	C14H11F	003041-81-4	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

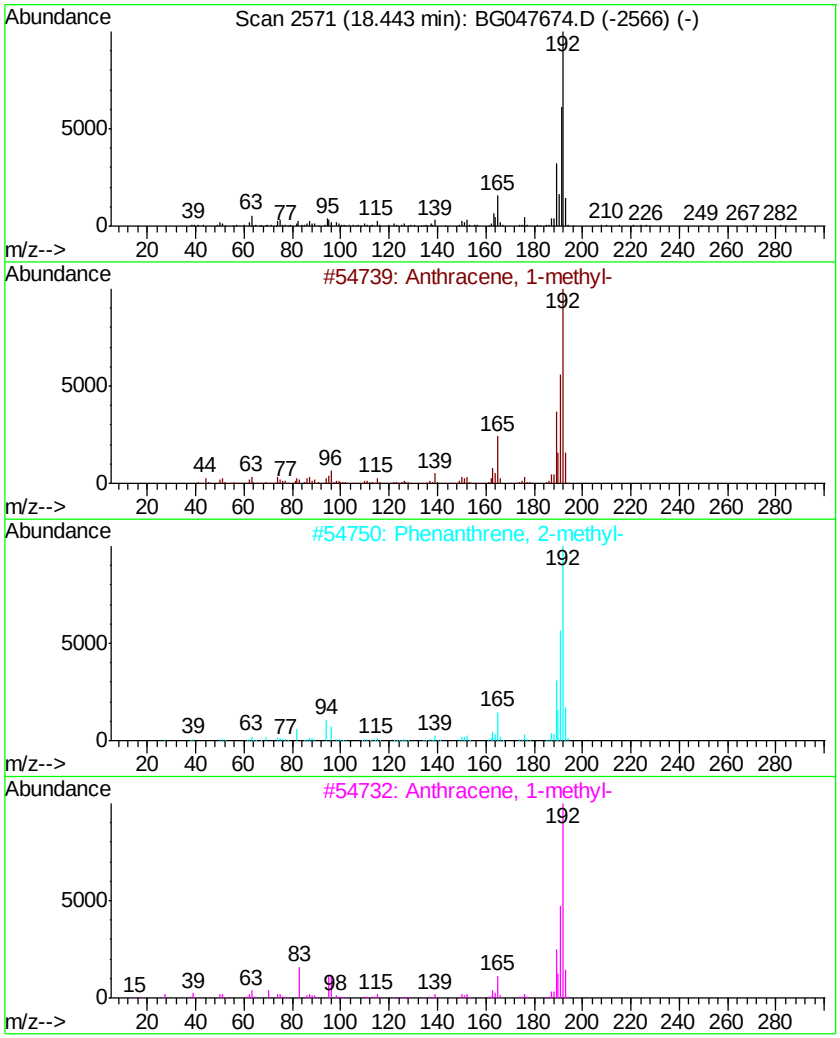
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

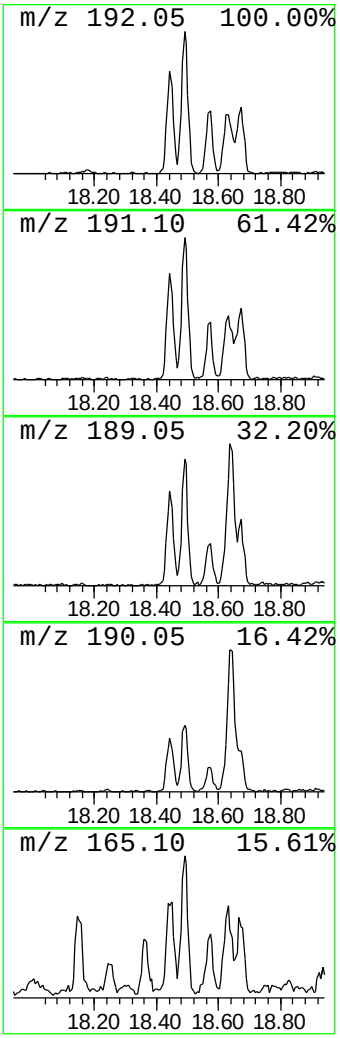
****

Peak Number 17 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	13.21 ng/ul	294320	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

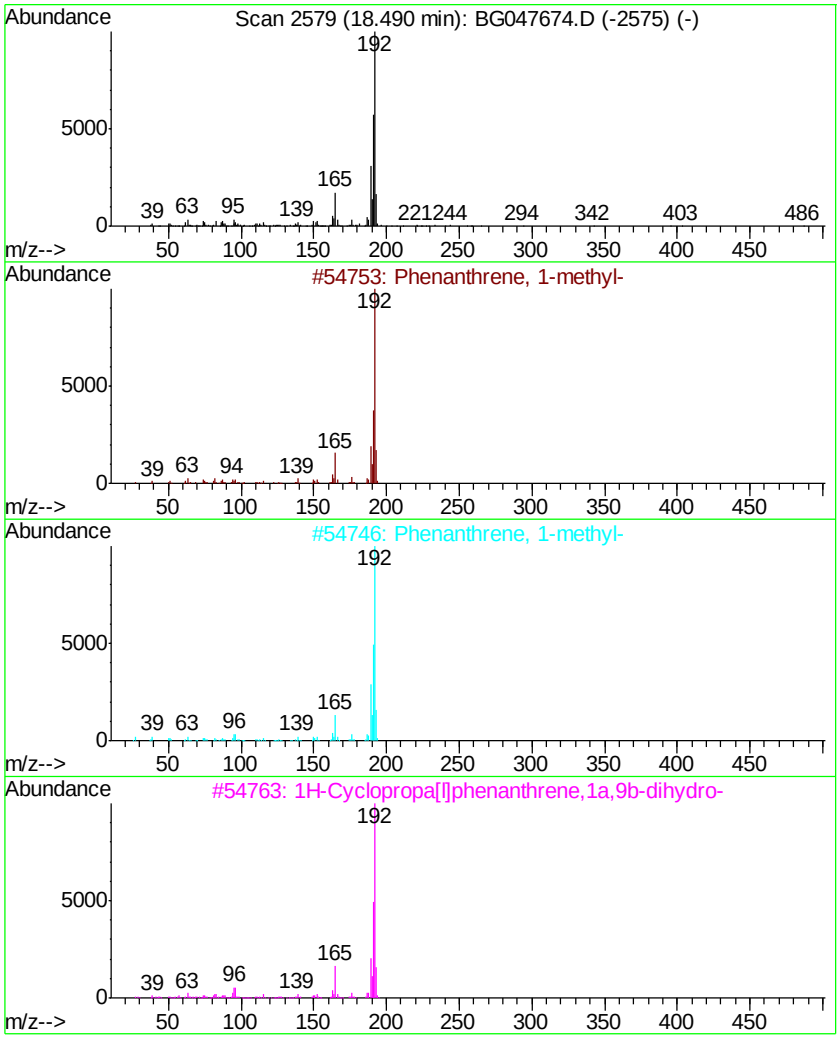
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

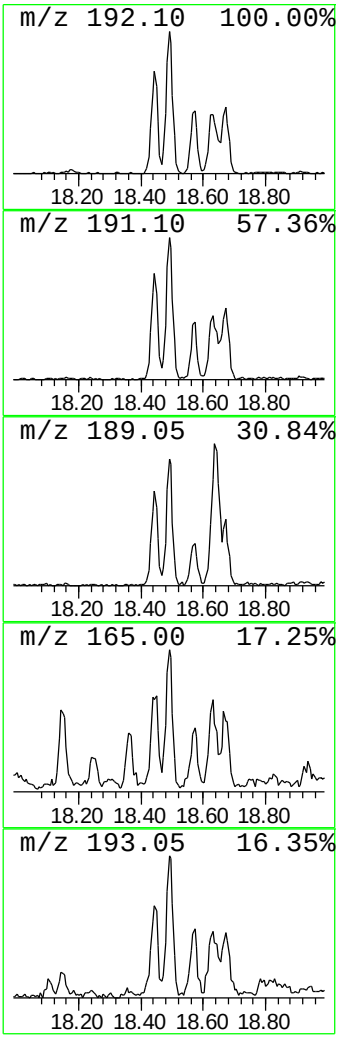
****

Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	20.91 ng/ul	465775	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

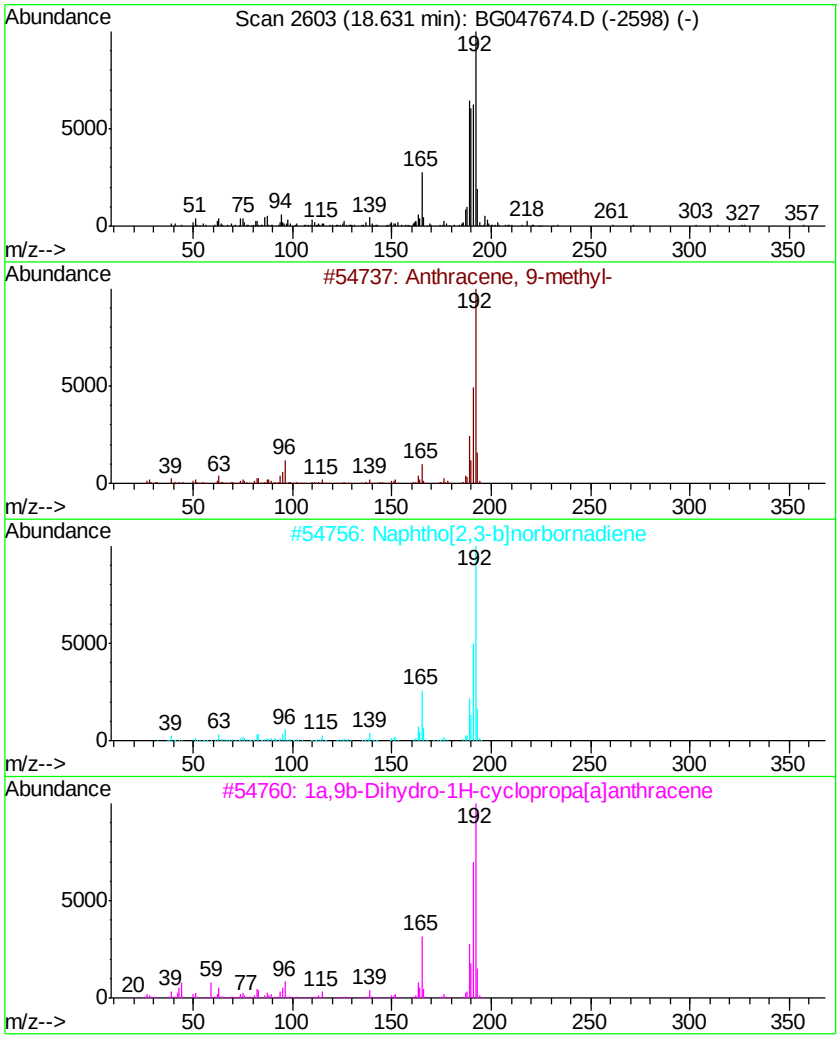
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

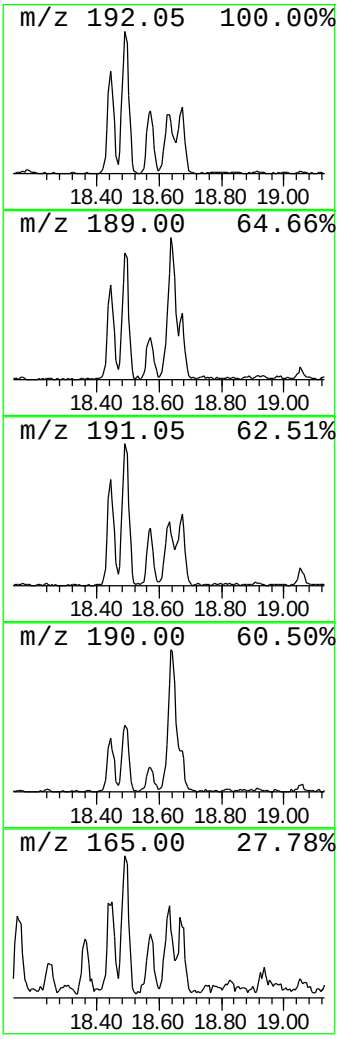
****

Peak Number 20 Anthracene, 9-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	15.64 ng/ul	348415	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	60
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	58
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

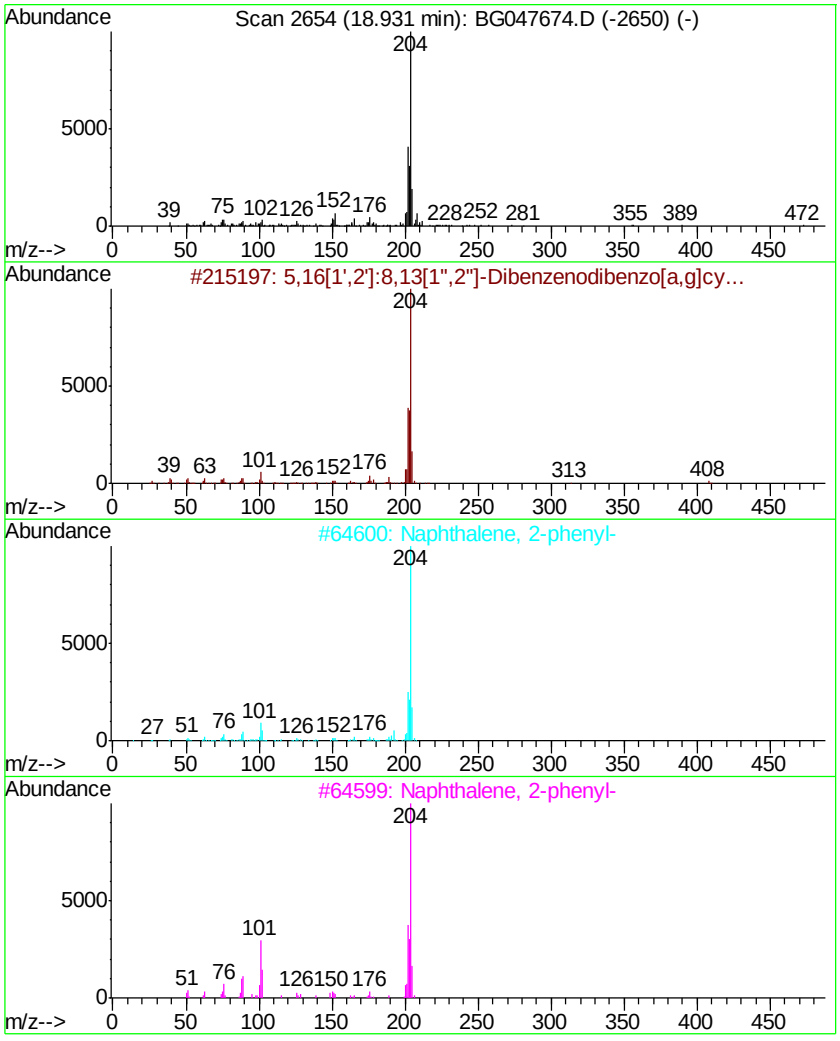
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

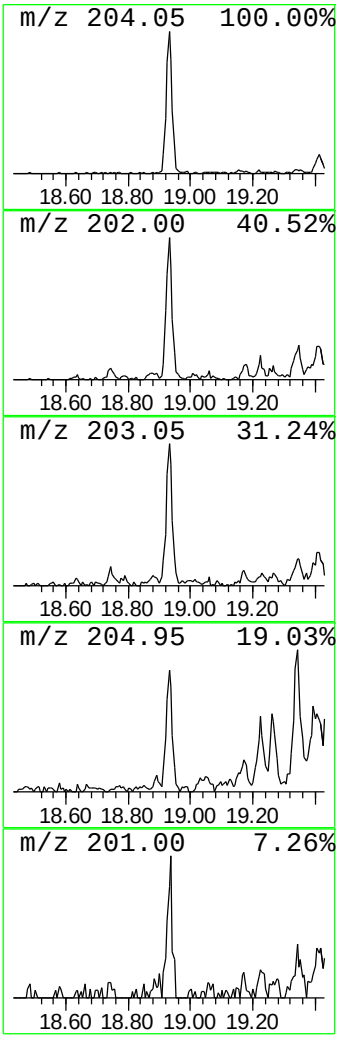
****

Peak Number 21 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	8.77 ng/ul	195231	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

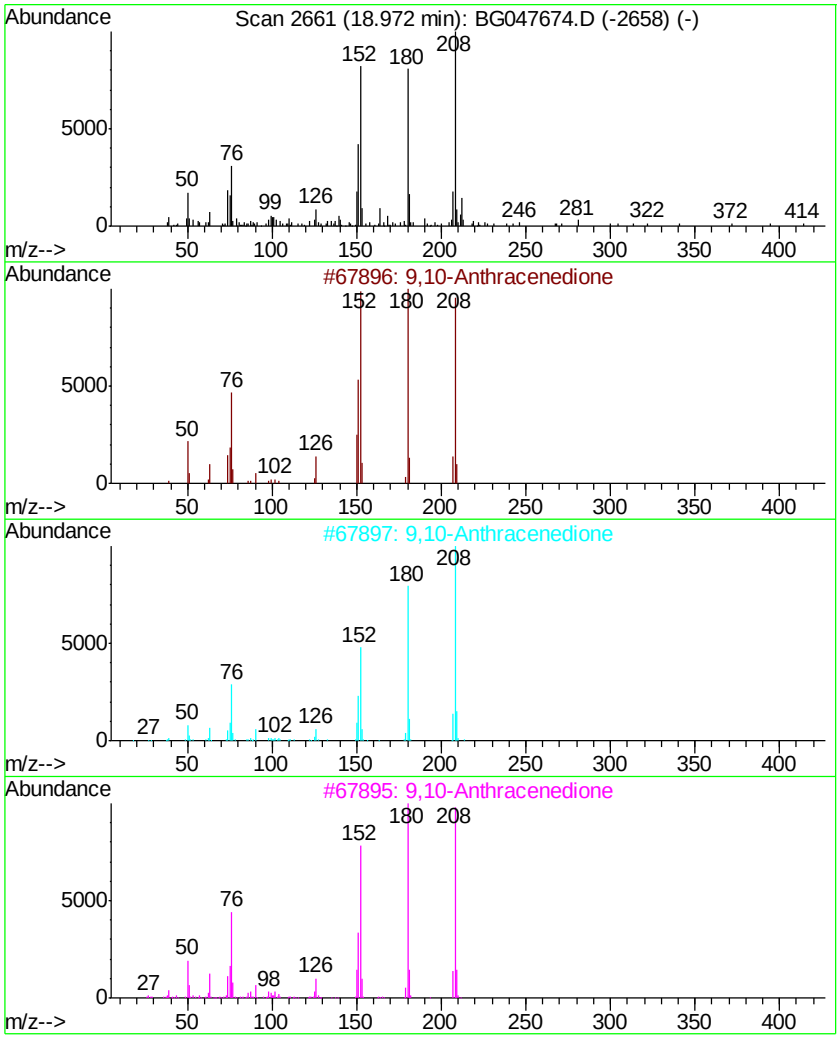
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

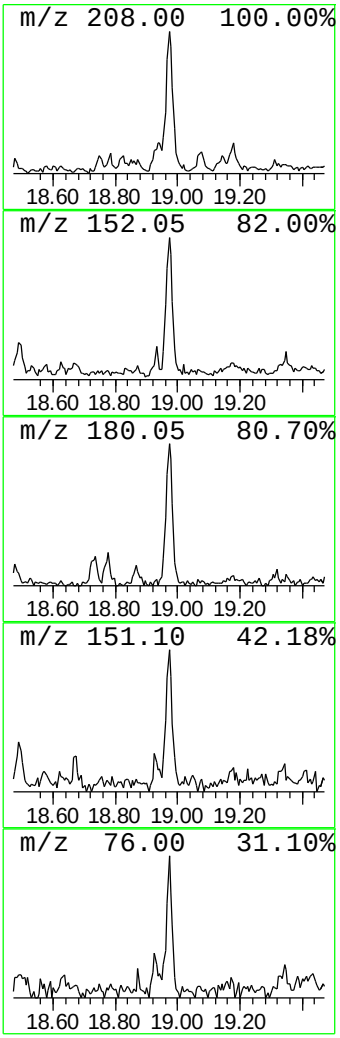
****

Peak Number 22 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	6.01 ng/ul	133933	Phenanthrene-d10	17.57

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	76
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	58
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

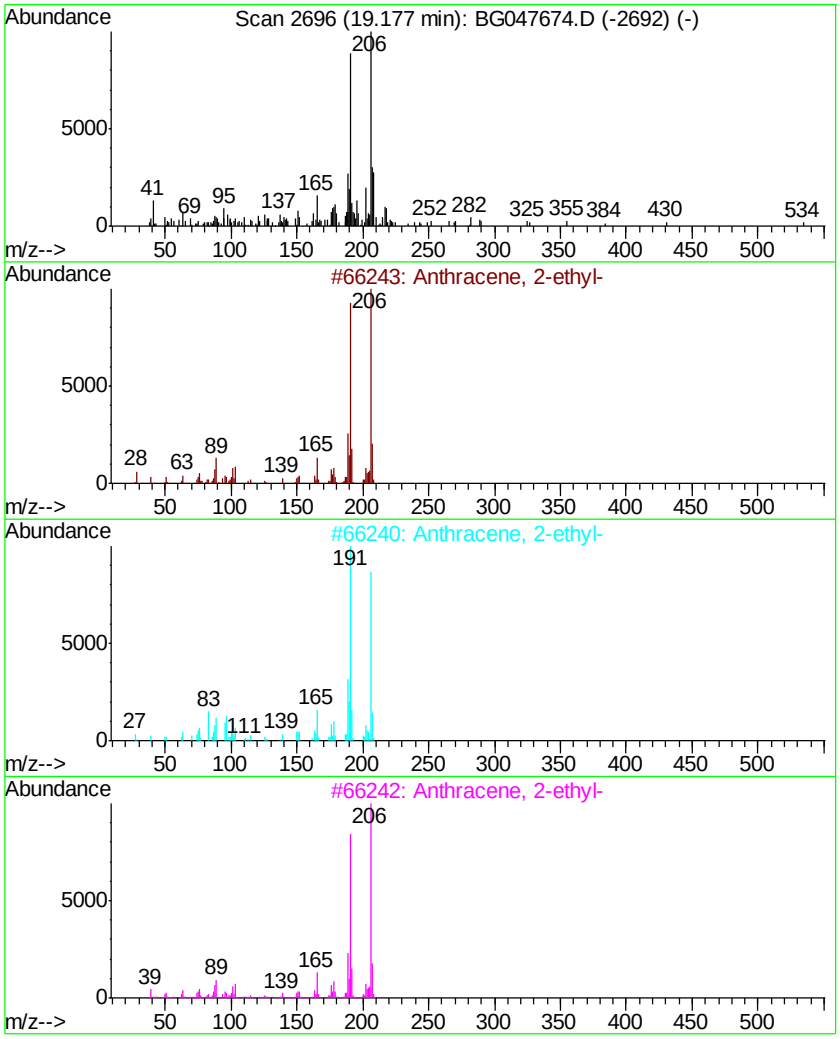
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

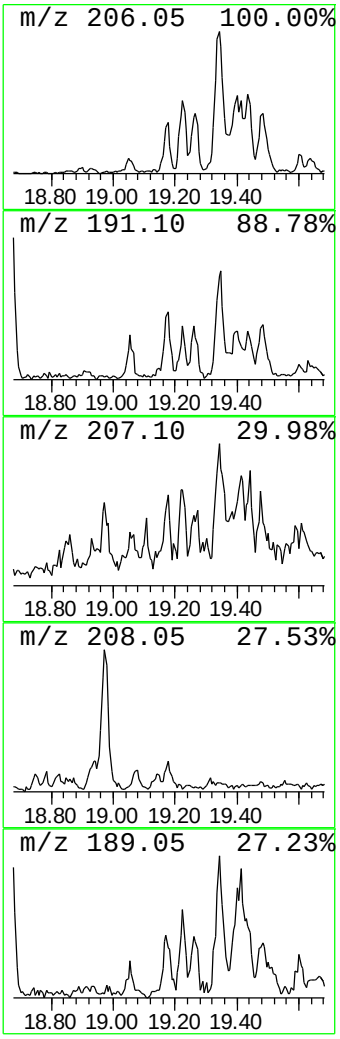
****

Peak Number 23 Anthracene, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	3.36 ng/ul	74805	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	76
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	70
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	68
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

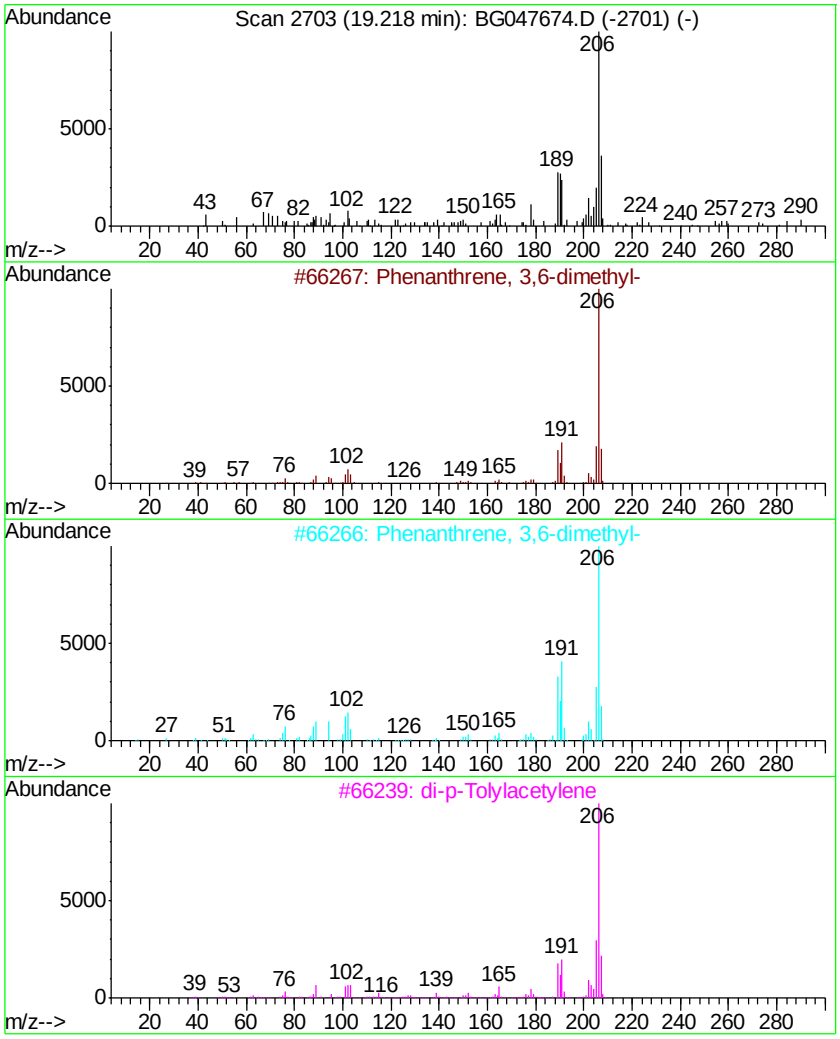
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

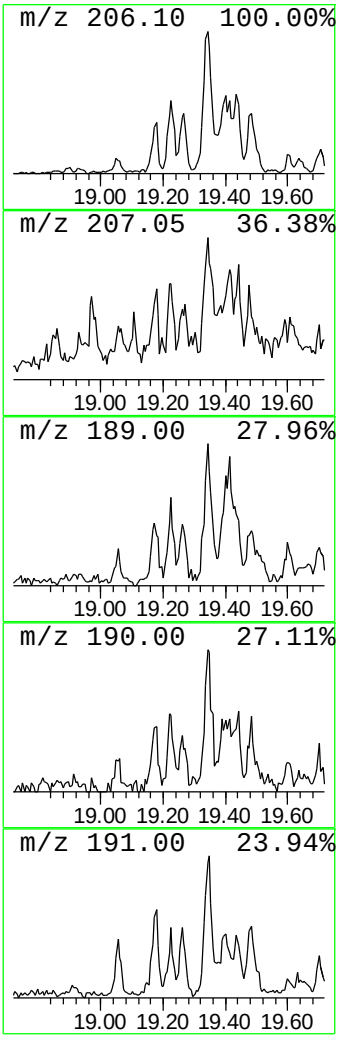
****

Peak Number 24 di-p-Tolylacetylene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	3.15 ng/ul	70209	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	72
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	56
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

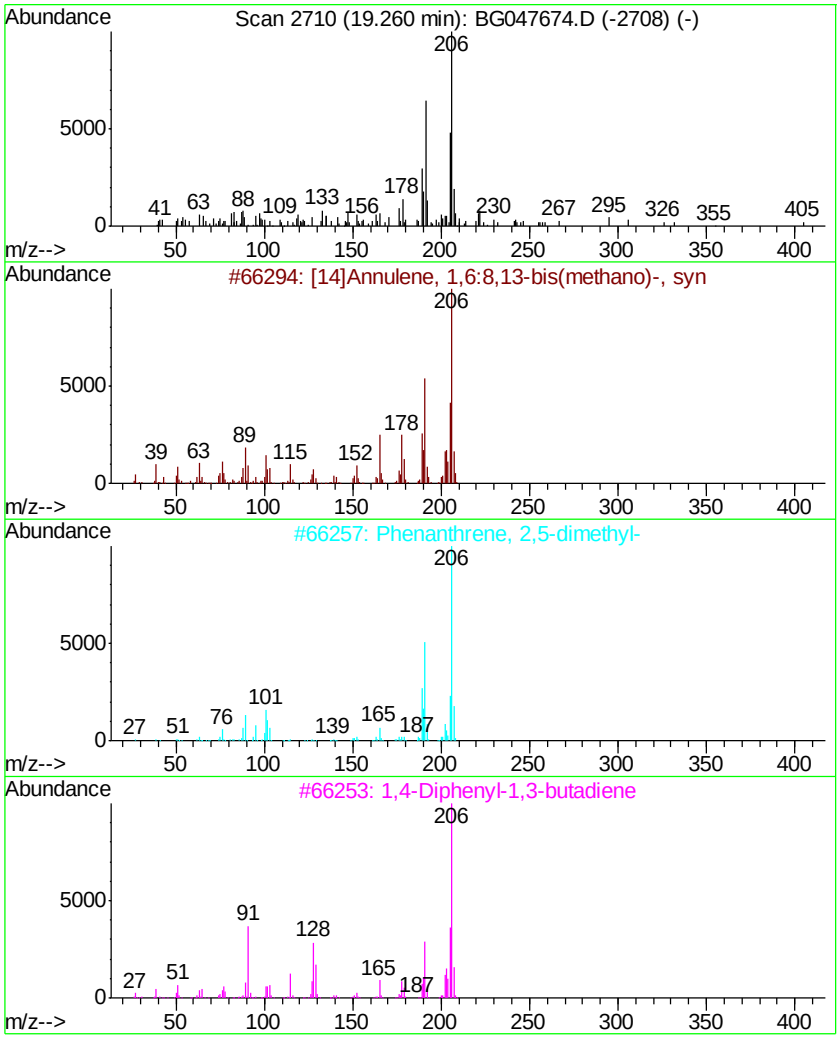
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

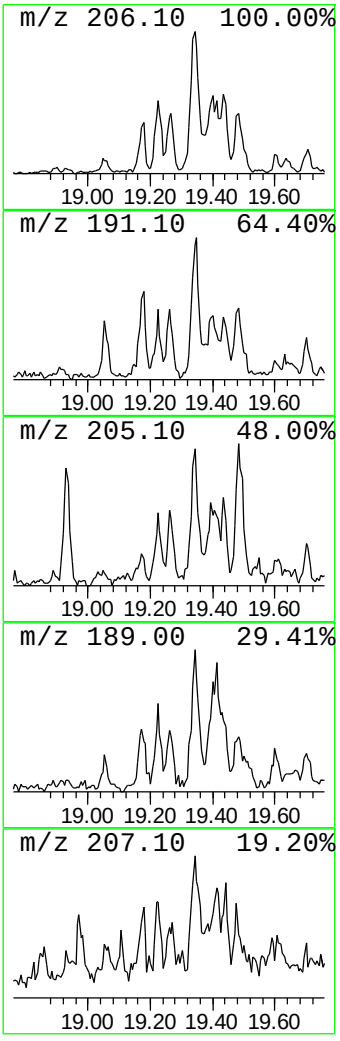
****

Peak Number 25 [14]Annulene, 1,6:8,13-bis(... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	2.89 ng/ul	64290	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	90
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
3	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	80
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	74
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

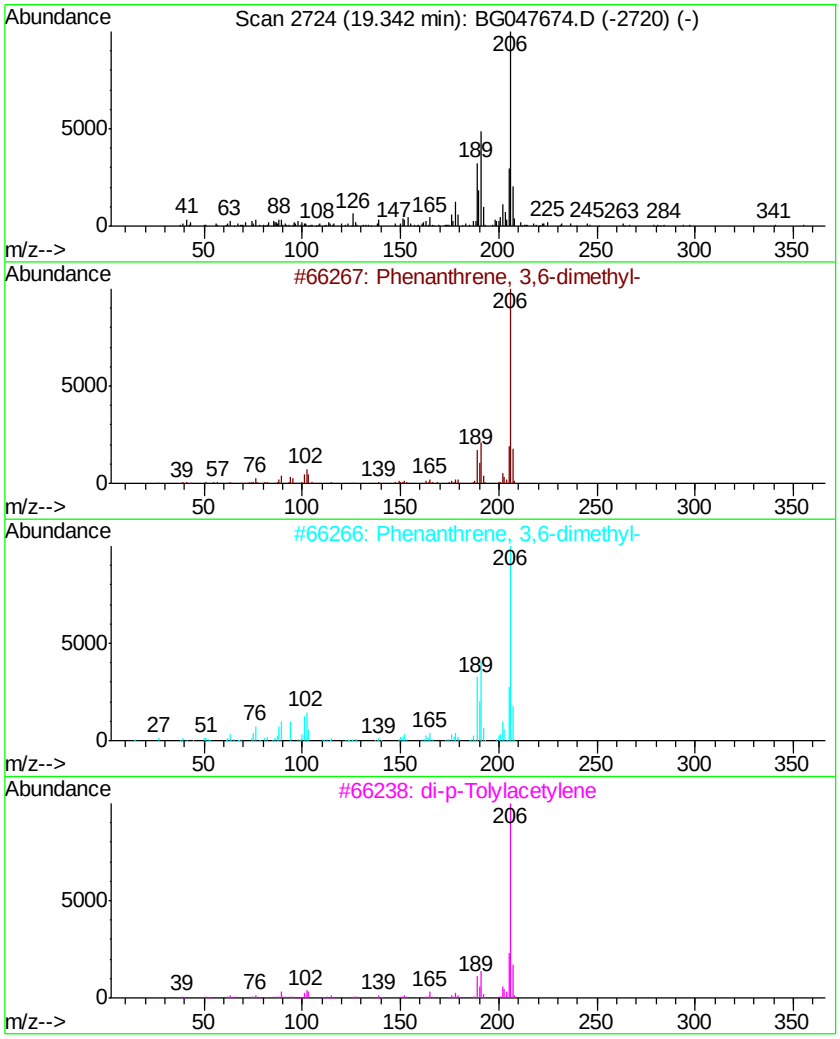
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

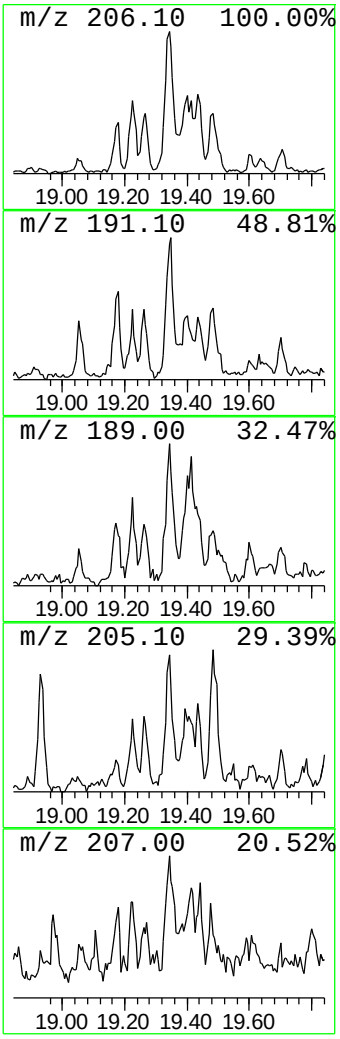
****

Peak Number 26 Phenanthrene, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	8.89 ng/ul	197980	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

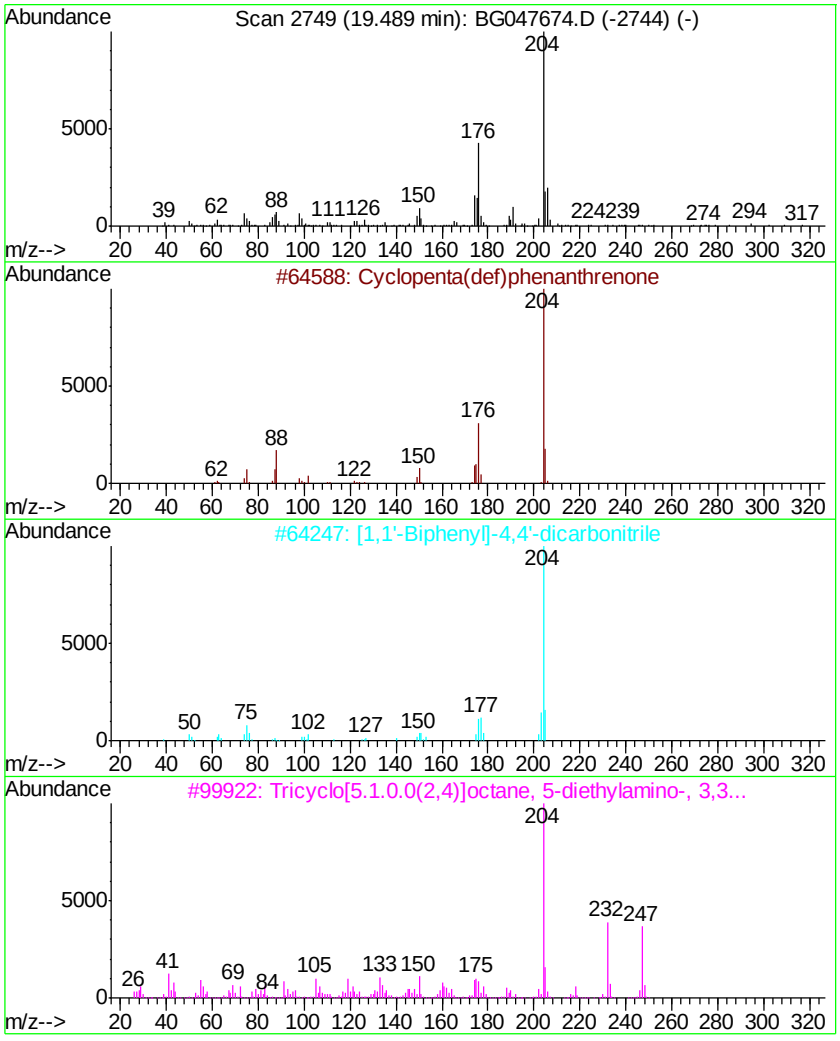
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

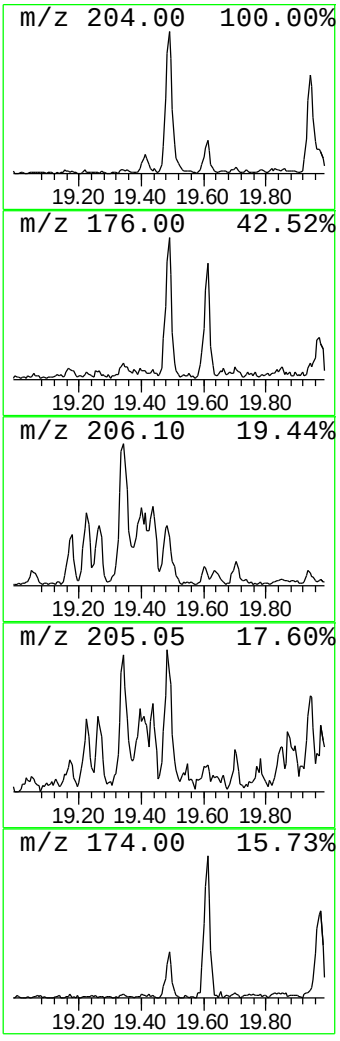
****

Peak Number 27 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	12.17 ng/ul	271084	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	72
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	47
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

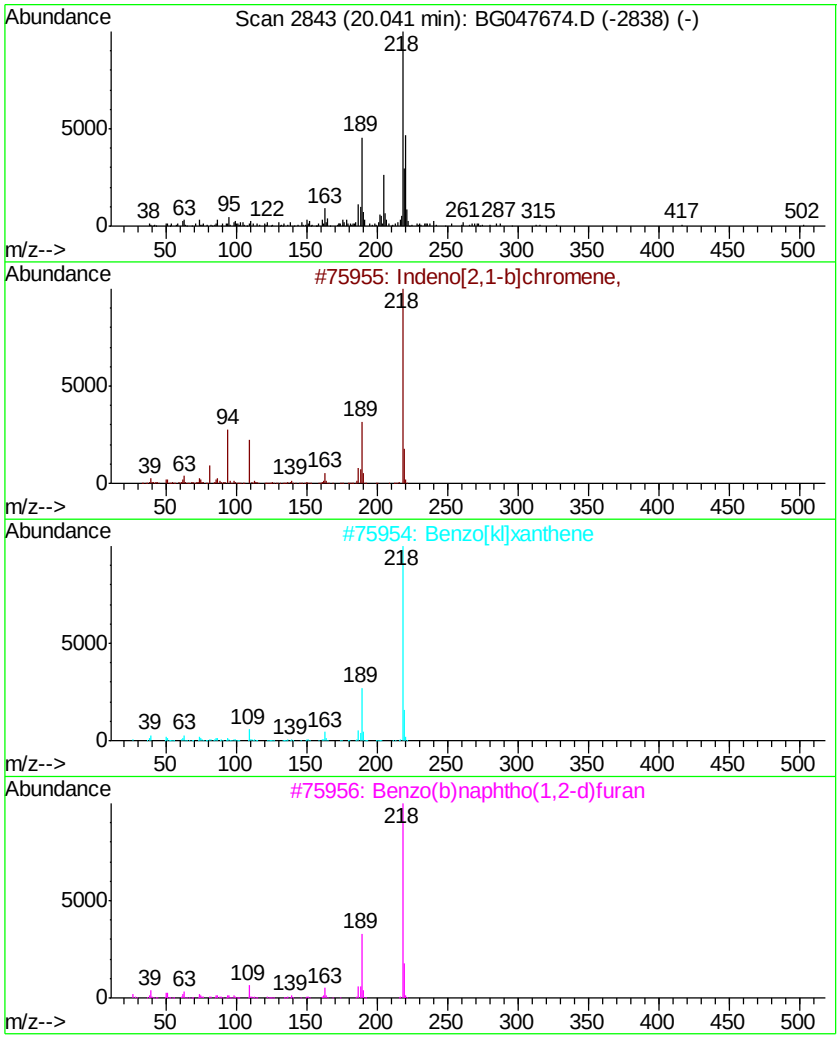
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

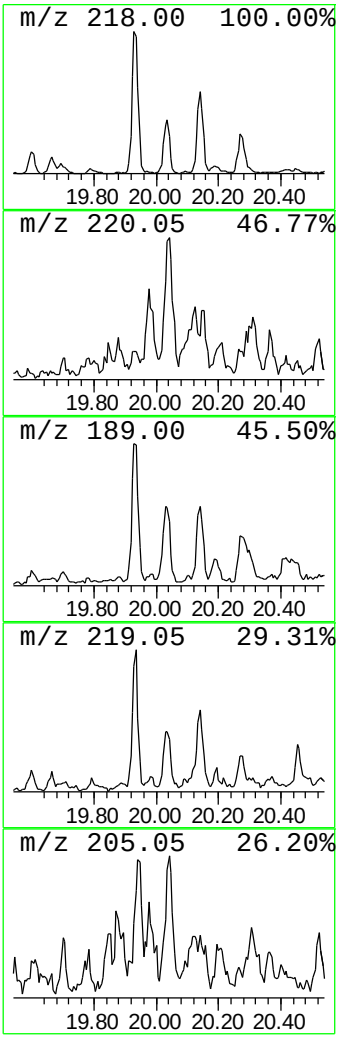
****

Peak Number 28 Benzo[kl]xanthene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.64 ng/ul	206670	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	94
2	Benzo[kl]xanthene	218	C16H10O	000200-23-7	90
3	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	90
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	90
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

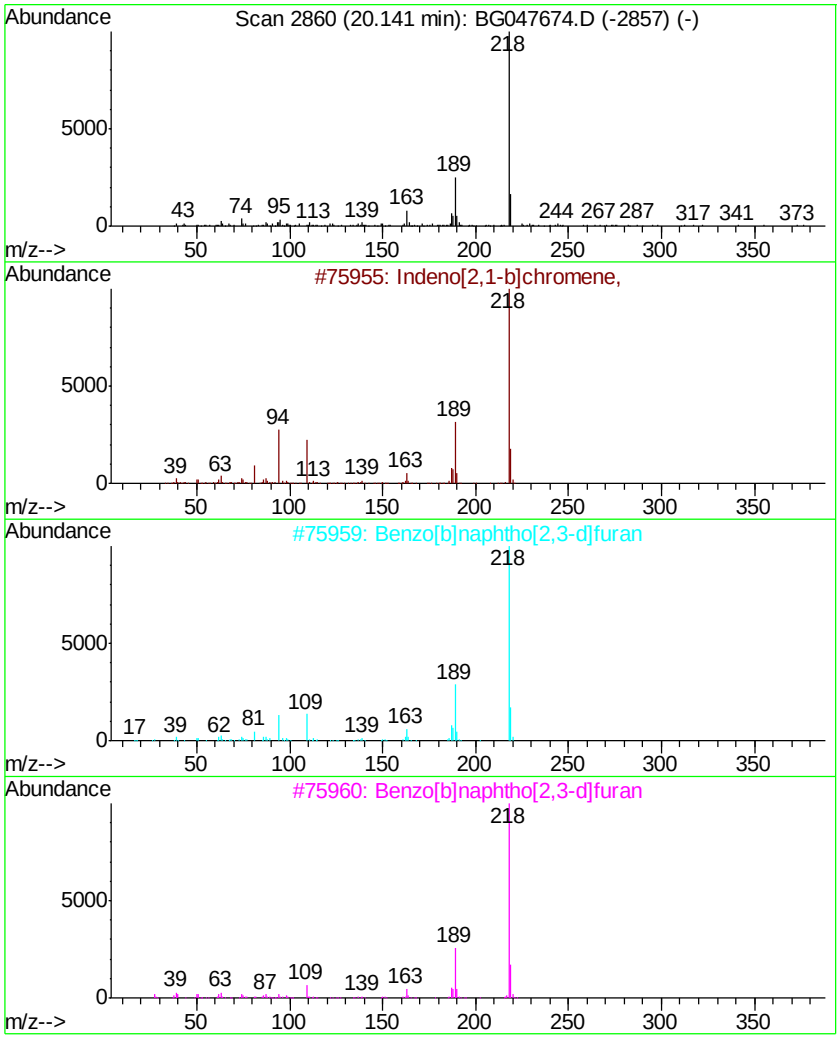
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

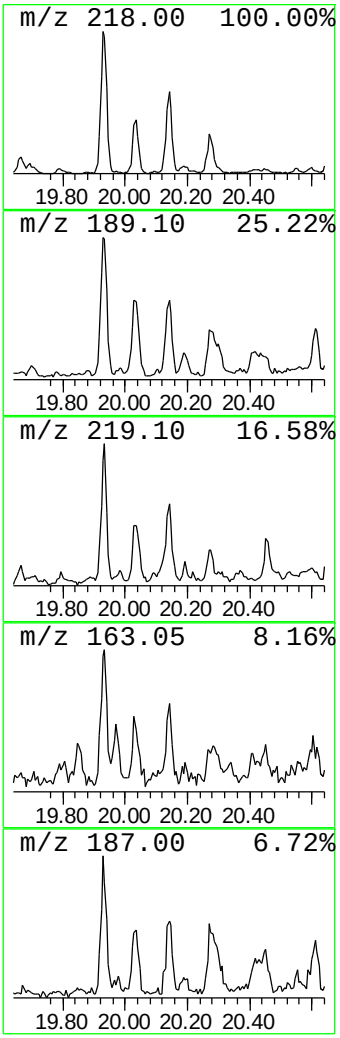
****

Peak Number 29 Indeno[2,1-b]chromene, Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	2.19 ng/ul	170848	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	95
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	91
4	Benzo[kl]xanthene	218	C16H10O	000200-23-7	91
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

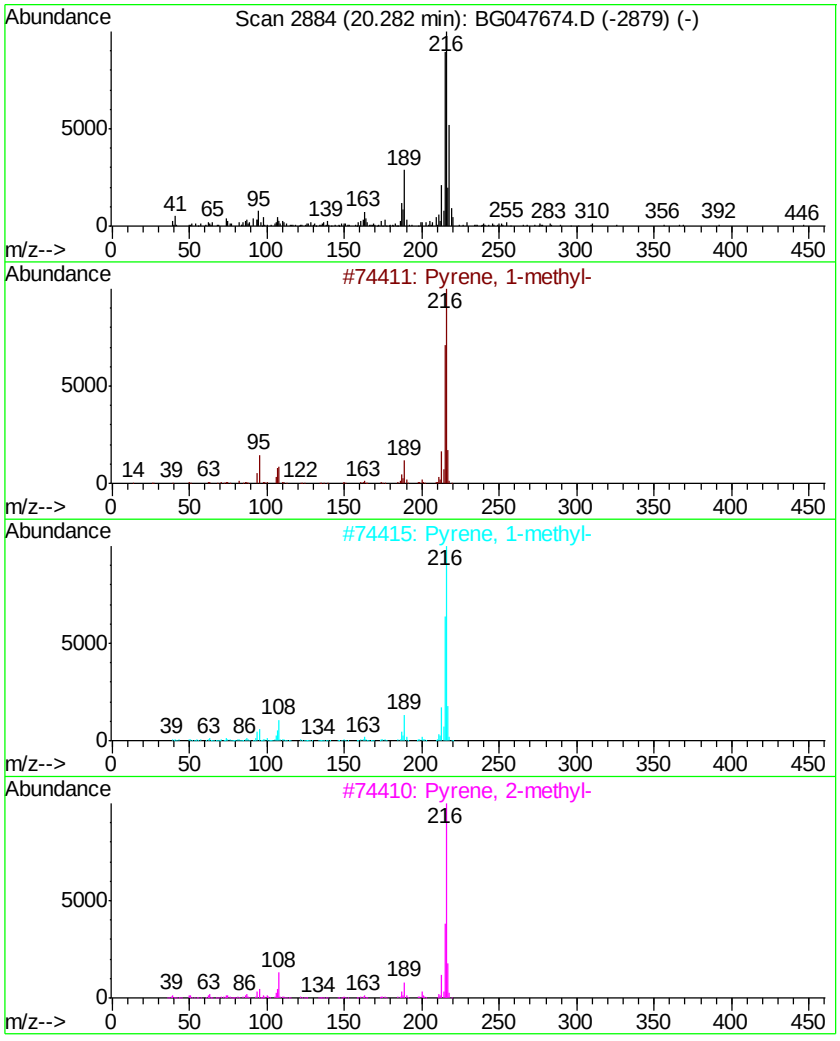
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

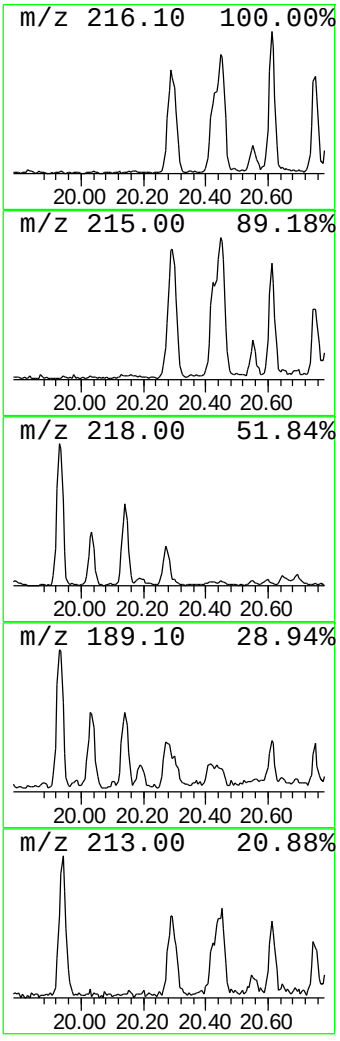
****

Peak Number 30 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	4.85 ng/ul	379417	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120820\
Data File : BG047674.D
Acq On : 9 Dec 2020 15:15
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
trans-Crotonamide	4.08	4.4	ng/ul	41139	1	8.22	187158	20.0
Benzene, 1,2,4-tr...	7.86	3.0	ng/ul	28364	1	8.22	187158	20.0
Naphthalene, 1,3-...	14.16	3.4	ng/ul	61178	3	14.84	358273	20.0
Naphthalene, 1,6,...	15.30	2.6	ng/ul	46955	3	14.84	358273	20.0
Naphthalene, 2,3,...	15.44	2.2	ng/ul	39524	3	14.84	358273	20.0
Naphthalene, 1,4,...	15.49	2.2	ng/ul	39580	3	14.84	358273	20.0
3-(2-Methyl-prope...	15.61	2.9	ng/ul	51109	3	14.84	358273	20.0
Dibenzofuran, 4-m...	16.16	7.2	ng/ul	128105	3	14.84	358273	20.0
9H-Fluoren-9-ol	16.31	6.8	ng/ul	152196	4	17.57	445477	20.0
2,2-Dimethyl-1-ac...	17.10	5.6	ng/ul	124356	4	17.57	445477	20.0
Benzenamine, 4-[(...	17.14	2.4	ng/ul	52689	4	17.57	445477	20.0
9H-Fluoren-9-one	17.22	6.4	ng/ul	141749	4	17.57	445477	20.0
8-Dimethylaminona...	17.30	5.5	ng/ul	123431	4	17.57	445477	20.0
Naphtho[2,1-b]thi...	17.39	4.4	ng/ul	97191	4	17.57	445477	20.0
Benzo[c]cinnoline...	18.15	4.1	ng/ul	90412	4	17.57	445477	20.0
3,3'-Diaminodiphe...	18.28	2.3	ng/ul	50080	4	17.57	445477	20.0
Anthracene, 1-met...	18.44	13.2	ng/ul	294320	4	17.57	445477	20.0
Phenanthrene, 1-m...	18.49	20.9	ng/ul	465775	4	17.57	445477	20.0
Anthracene, 9-met...	18.63	15.6	ng/ul	348415	4	17.57	445477	20.0
5,16[1',2']:8,13[...	18.93	8.8	ng/ul	195231	4	17.57	445477	20.0
9,10-Anthracenedione	18.97	6.0	ng/ul	133933	4	17.57	445477	20.0
Anthracene, 2-ethyl-	19.18	3.4	ng/ul	74805	4	17.57	445477	20.0
di-p-Tolylacetylene	19.22	3.1	ng/ul	70209	4	17.57	445477	20.0
[14]Annulene, 1,6...	19.26	2.9	ng/ul	64290	4	17.57	445477	20.0
Phenanthrene, 3,6...	19.34	8.9	ng/ul	197980	4	17.57	445477	20.0
Cyclopenta(def)ph...	19.49	12.2	ng/ul	271084	4	17.57	445477	20.0
Benzo[kl]xanthene	20.04	2.6	ng/ul	206670	5	21.85	1563510	20.0
Indeno[2,1-b]chro...	20.14	2.2	ng/ul	170848	5	21.85	1563510	20.0
Pyrene, 1-methyl-	20.28	4.8	ng/ul	379417	5	21.85	1563510	20.0