LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

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-BG080319MA.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	3.150	5	10	23	rVB	1402034	2294735	100.00%	9.065%
2	3.408	51	54	63	rVB	8489	14518	0.63%	0.057%
3	4.078	163	168	172	rVB	9902	16049	0.70%	0.063%
4	4.178	179	185	190	rVB2	8649	14079	0.61%	0.056%
5	7.186	687	697	716	rVV	205791	393718	17.16%	1.555%
6	7.345	716	724	733	rVV	138869	245186	10.68%	0.969%
7	7.557	754	760	769	rVV	215362	377702	16.46%	1.492%
8	7.668	777	779	785	rVB2	8064	12027	0.52%	0.048%
9	7.933	816	824	829	rBV3	7317	11148	0.49%	0.044%
10	8.027	833	840	847	rBV	263089	436916	19.04%	1.726%
11	8.679	946	951	954	rBV3	7755	11833	0.52%	0.047%
12	8.738	954	961	971	rVV	257586	465447	20.28%	1.839%
13	9.143	1025	1030	1032	rBV3	10851	16415	0.72%	0.065%
14	9.190	1032	1038	1047	rVV	188439	354924	15.47%	1.402%
15	9.272	1048	1052	1058	rVV	12410	19825	0.86%	0.078%
16	9.507	1088	1092	1099	rVB3	7073	14094	0.61%	0.056%
17	9.584	1100	1105	1110	rVB2	11291	18504	0.81%	0.073%
18	9.924	1154	1163	1170	rBV	174993	323579	14.10%	1.278%
19	10.259	1214	1220	1223	rBV5	13011	28371	1.24%	0.112%
20	10.471	1245	1256	1265	rBV	289334	544494	23.73%	2.151%
21	10.706	1291	1296	1302	rBV6	12712	24614	1.07%	0.097%
22	10.853	1311	1321	1327	rBV	352012	682966	29.76%	2.698%
23	10.900	1327	1329	1336	rVB3	18864	29868	1.30%	0.118%
24	10.982	1336	1343	1351	rBV	166222	342263	14.92%	1.352%
25	11.099	1359	1363	1369	rBV2	15329	29563	1.29%	0.117%
26	11.229	1377	1385	1387	rBV2	24253	42488	1.85%	0.168%
27	11.264	1387	1391	1398	rVV	43666	85279	3.72%	0.337%
28	11.334	1398	1403	1408	rVB4	16143	26696	1.16%	0.105%
29	11.393	1408	1413	1417	rBV3	6740	11190	0.49%	0.044%
30	11.681	1457	1462	1469	rBV5	15858	28833	1.26%	0.114%
31	11.775	1473	1478	1481	rBV5	8629	17337	0.76%	0.068%
32	11.840	1485	1489	1492	rBV4	6934	10517	0.46%	0.042%
33	11.881	1492	1496	1500	rBV7	8530	13539	0.59%	0.053%
34	11.928	1500	1504	1507	rBV5	9558	16097	0.70%	0.064%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

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-BG080319MA.M
Title : SVOA CALIBRATION

35	12.075	1526	1529	1538	rVB4	16581	29487	1.28%	0.116%
36	12.175	1538	1546	1555	rBV8	16872	50044	2.18%	0.198%
37	12.275	1555	1563	1568	rVB3	26878	53300	2.32%	0.211%
38	12.339	1569	1574	1580	rBV3	10320	24414	1.06%	0.096%
39	12.410	1580	1586	1587	rBV4	15931	26632	1.16%	0.105%
40	12.510	1595	1603	1609	rBV	57225	105459	4.60%	0.417%
41	12.568	1609	1613	1617	rBV2	38233	57385	2.50%	0.227%
42	12.609	1617	1620	1623	rVB	8095	11938	0.52%	0.047%
43	12.656	1623	1628	1629	rBV2	17121	24969	1.09%	0.099%
44	12.733	1637	1641	1646	rVB	45369	74341	3.24%	0.294%
45	12.839	1652	1659	1663	rBV2	29712	57364	2.50%	0.227%
46	12.880	1663	1666	1670	rVV6	13233	23135	1.01%	0.091%
47	12.927	1670	1674	1681	rVV5	14703	34222	1.49%	0.135%
48	13.044	1687	1694	1698	rVB9	12216	19281	0.84%	0.076%
49	13.097	1698	1703	1707	rBV7	21080	41130	1.79%	0.162%
50	13.132	1707	1709	1712	rVV4	10625	14197	0.62%	0.056%
51	13.185	1714	1718	1723	rVB3	15741	34166	1.49%	0.135%
52	13.238	1724	1727	1732	rBV5	9600	12649	0.55%	0.050%
53	13.391	1745	1753	1754	rBV2	17473	33594	1.46%	0.133%
54	13.420	1754	1758	1763	rVV4	40301	66581	2.90%	0.263%
55	13.473	1763	1767	1770	rVV4	18706	32578	1.42%	0.129%
56	13.514	1770	1774	1779	rVB2	49613	72708	3.17%	0.287%
57	13.649	1793	1797	1800	rBV5	14893	26139	1.14%	0.103%
58	13.743	1806	1813	1819	rBV8	20661	50609	2.21%	0.200%
59	13.849	1827	1831	1832	rBV3	35542	44555	1.94%	0.176%
60	14.008	1853	1858	1863	rBV3	48961	97925	4.27%	0.387%
61	14.090	1863	1872	1876	rVV	525460	831180	36.22%	3.283%
62	14.131	1876	1879	1884	rVB	116858	153332	6.68%	0.606%
63	14.243	1892	1898	1907	rBV6	32843	102002	4.45%	0.403%
64	14.384	1915	1922	1931	rVB	601993	1008156	43.93%	3.983%
65	14.513	1939	1944	1951	rBV8	25790	56080	2.44%	0.222%
66	14.584	1952	1956	1965	rVB4	61014	113796	4.96%	0.450%
67	14.689	1966	1974	1980	rBV	615842	961670	41.91%	3.799%
68	14.836	1995	1999	2003	rBV	39089	57328	2.50%	0.226%
69	14.889	2003	2008	2019	rVB2	181591	325448	14.18%	1.286%
70	15.089	2036	2042	2050	rVB5	63643	158694	6.92%	0.627%
71	15.165	2051	2055	2059	rVB4	39576	55199	2.41%	0.218%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

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-BG080319MA.M
Title : SVOA CALIBRATION

72	15.218	2061	2064	2067	rBV5	15563	22711	0.99%	0.090%
73	15.365	2085	2089	2095	rVB5	26604	50538	2.20%	0.200%
74	15.465	2100	2106	2112	rBV3	47774	109143	4.76%	0.431%
75	15.535	2112	2118	2122	rBV3	60161	98528	4.29%	0.389%
76	15.635	2129	2135	2138	rBV	93879	163508	7.13%	0.646%
77	15.682	2138	2143	2148	rVV	795537	1205615	52.54%	4.763%
78	15.735	2148	2152	2157	rVB2	65358	102368	4.46%	0.404%
79	15.806	2157	2164	2170	rBV	217824	364994	15.91%	1.442%
80	16.023	2196	2201	2209	rVB6	38510	111647	4.87%	0.441%
81	16.352	2254	2257	2260	rBV3	35705	52110	2.27%	0.206%
82	16.405	2263	2266	2272	rVB3	71359	96819	4.22%	0.382%
83	16.558	2288	2292	2298	rVB6	34035	58024	2.53%	0.229%
84	16.628	2300	2304	2308	rBV5	52218	65331	2.85%	0.258%
85	16.728	2316	2321	2328	rBV6	80404	188374	8.21%	0.744%
86	16.793	2328	2332	2335	rBV2	49473	70756	3.08%	0.280%
87	17.292	2413	2417	2421	rVB	74095	112839	4.92%	0.446%
88	17.439	2437	2442	2447	rBV2	660436	1067277	46.51%	4.216%
89	17.545	2454	2460	2468	rVB	826612	1303422	56.80%	5.149%
90	17.633	2472	2475	2481	rVB4	51906	87550	3.82%	0.346%
91	17.939	2523	2527	2533	rBV	100860	133268	5.81%	0.526%
92	18.332	2590	2594	2598	rBV3	157110	228927	9.98%	0.904%
93	18.626	2641	2644	2648	rBV	99955	122114	5.32%	0.482%
94	19.261	2749	2752	2756	rBV2	163478	223991	9.76%	0.885%
95	19.830	2841	2849	2860	rVB	1211492	2029726	88.45%	8.018%
96	20.841	3017	3021	3030	rVB2	350114	599332	26.12%	2.368%
97	21.364	3106	3110	3118	rVB	400268	561272	24.46%	2.217%
98	21.728	3166	3172	3179	rVB	762727	1228763	53.55%	4.854%
99	24.778	3683	3691	3700	rVB	590647	1573989	68.59%	6.218%
100	25.001	3721	3729	3745	rVB2	470681	1364725	59.47%	5.391%

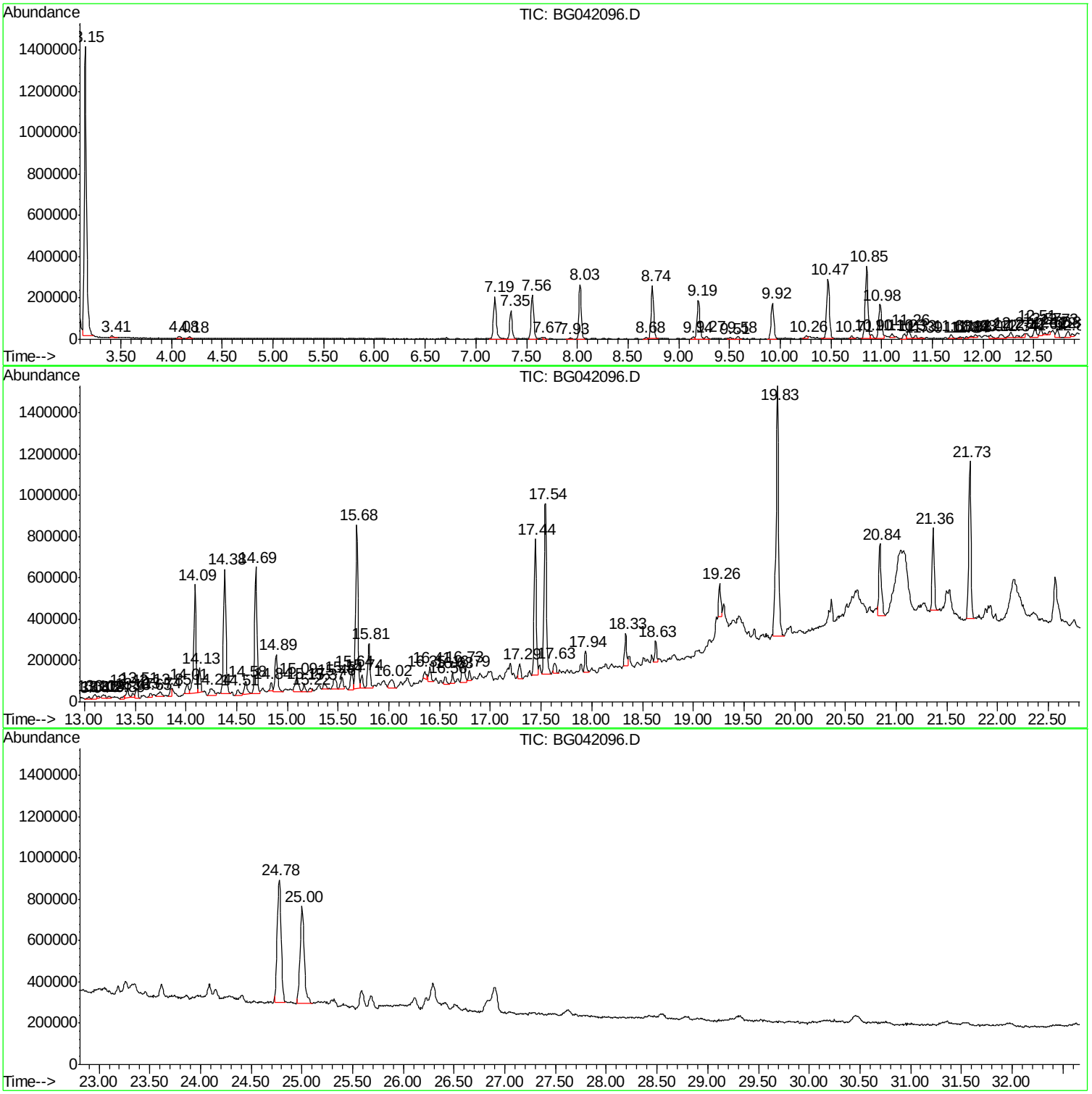
Sum of corrected areas: 25314162

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

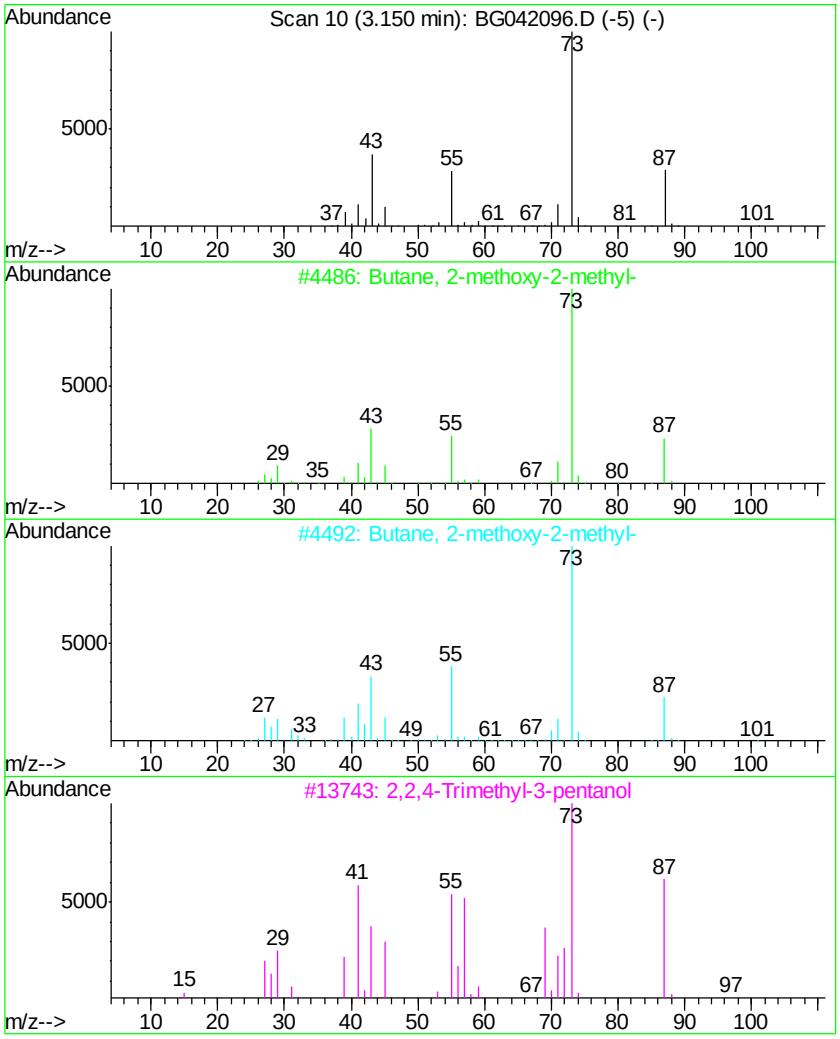
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

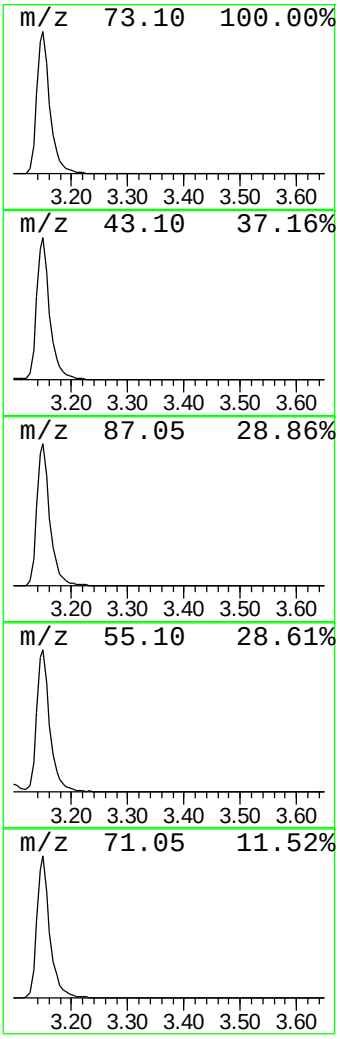
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	105.04 ng/ul	2294740	1,4-Dichlorobenzene-d4	8.03

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	59
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

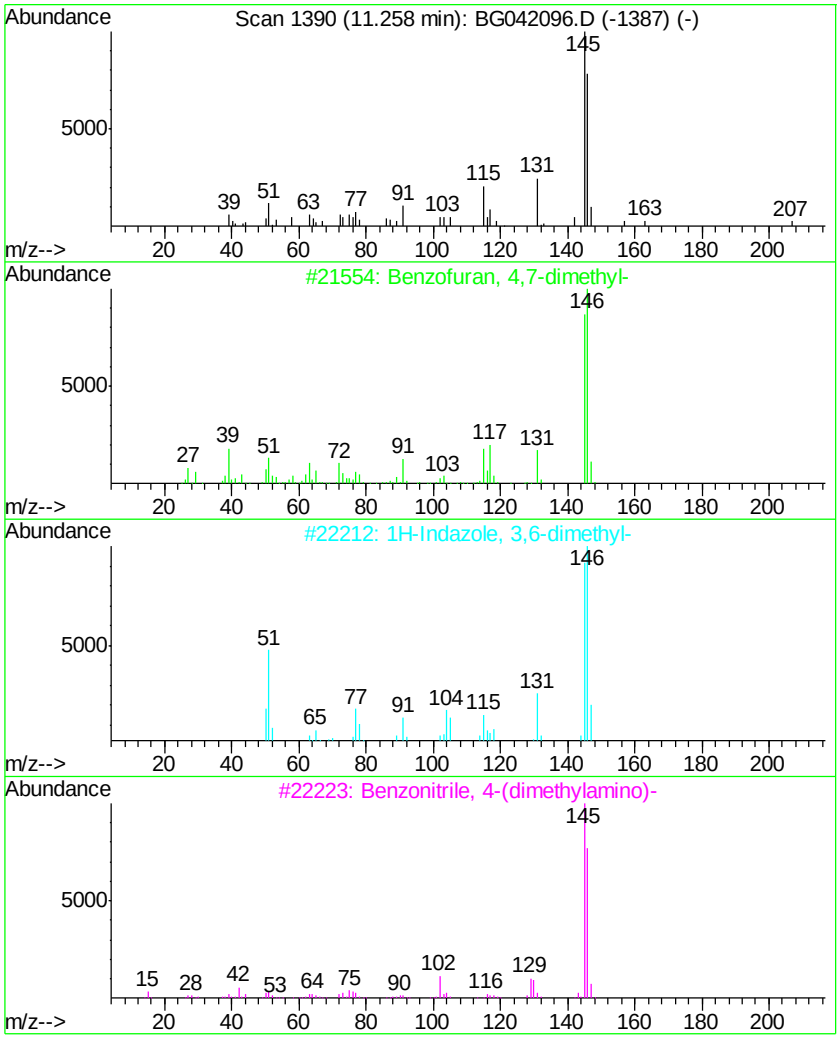
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

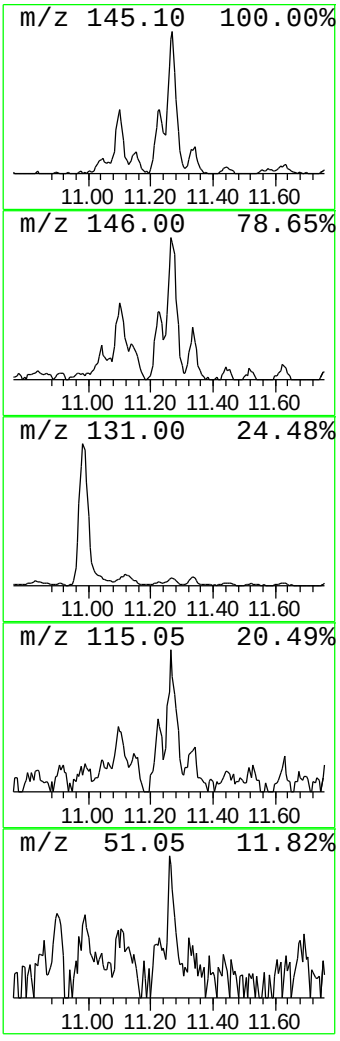
****

Peak Number 2 Benzofuran, 4,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	2.50 ng/ul	85279	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	58
2	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	56
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

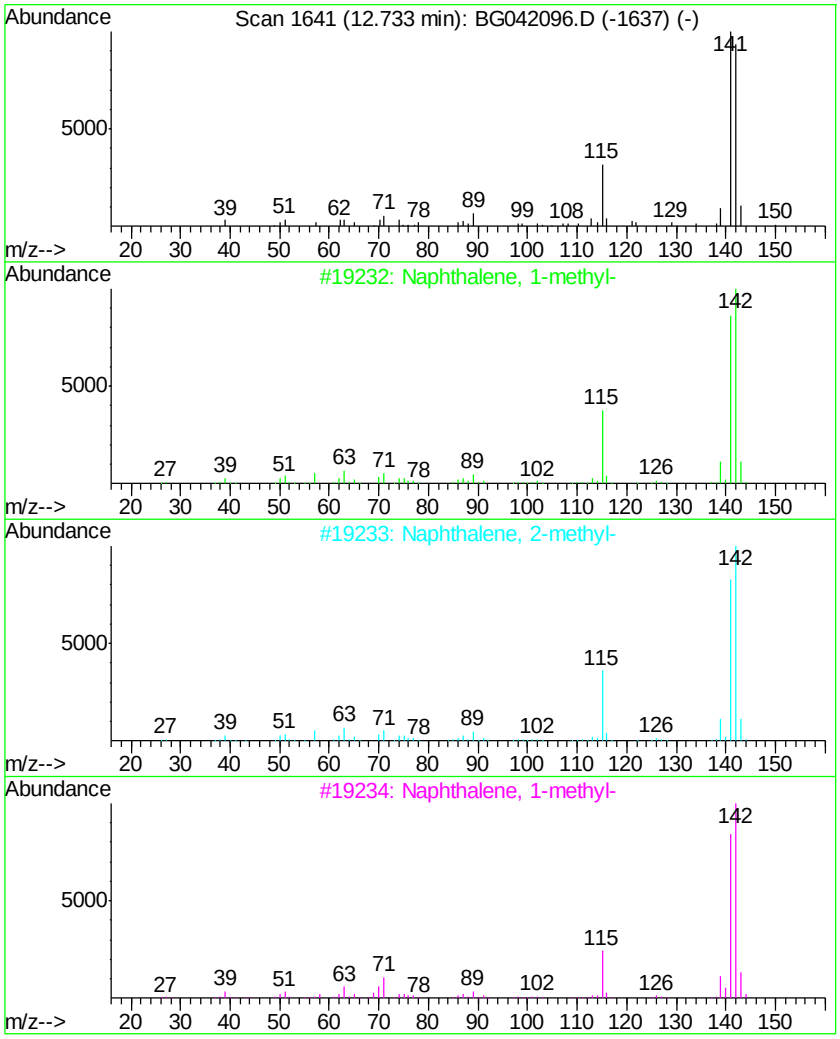
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

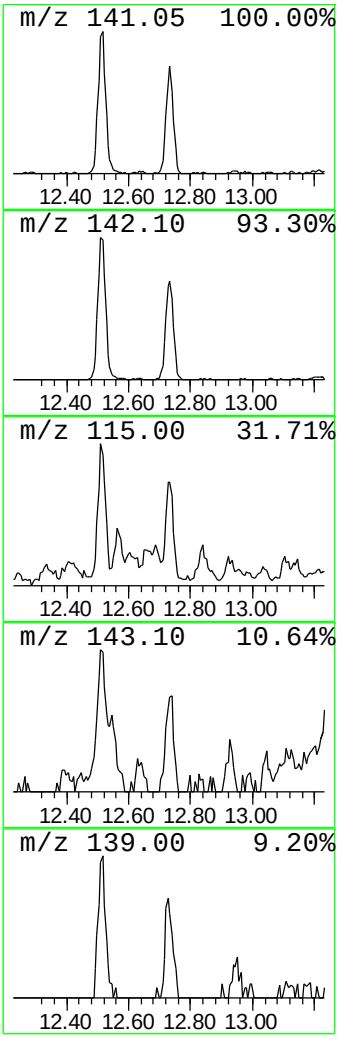
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	2.18 ng/ul	74341	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

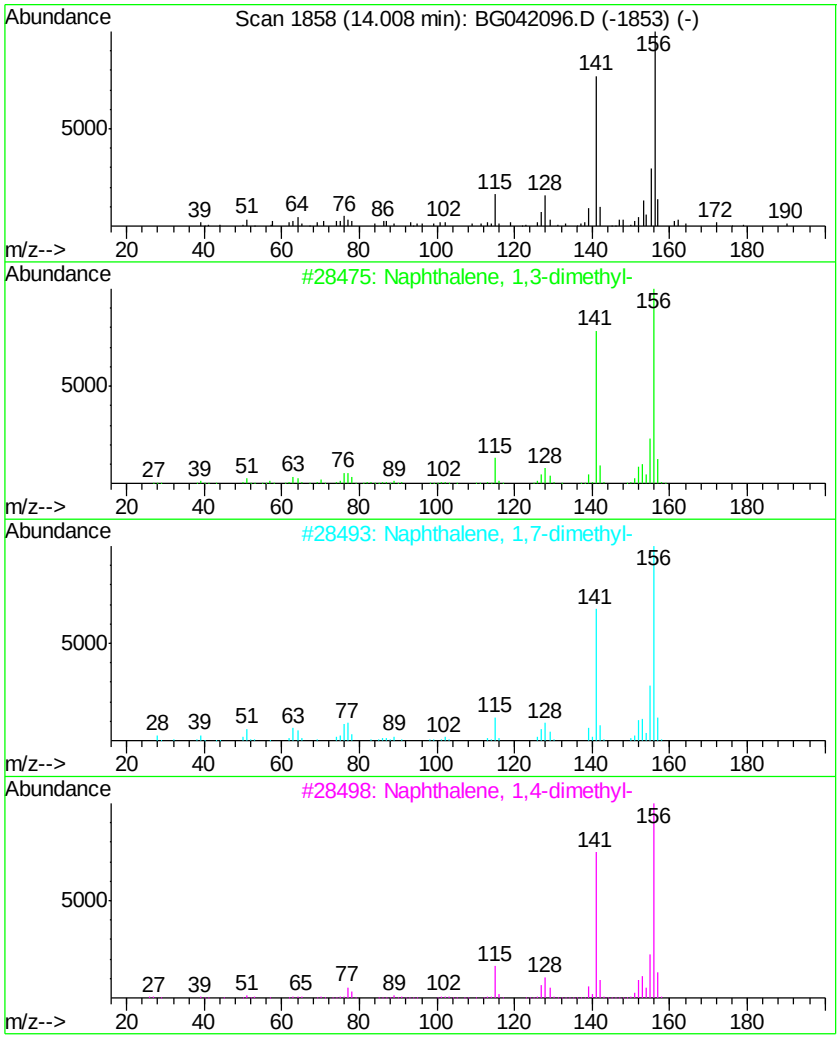
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

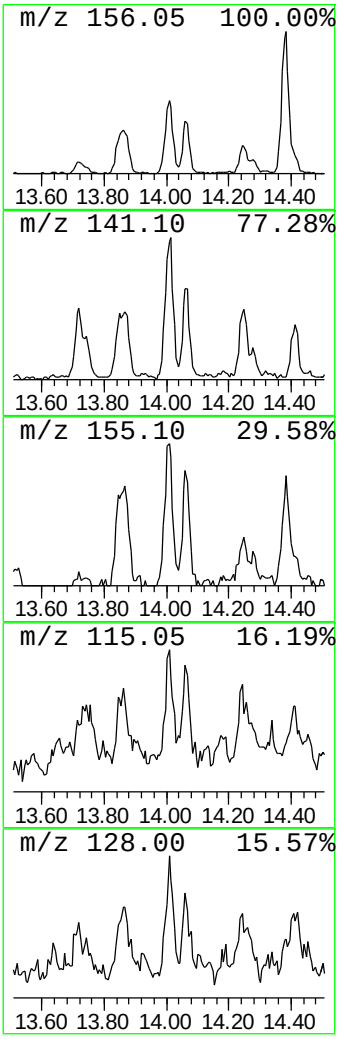
****

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.04 ng/ul	97925	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

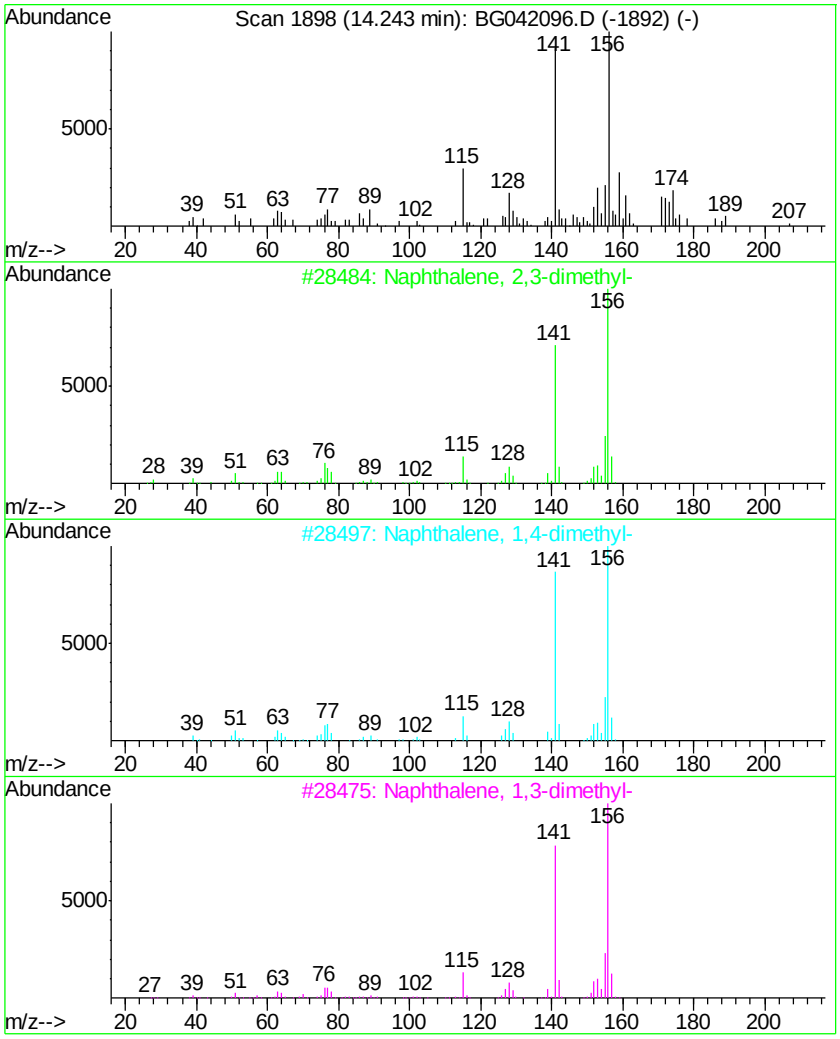
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

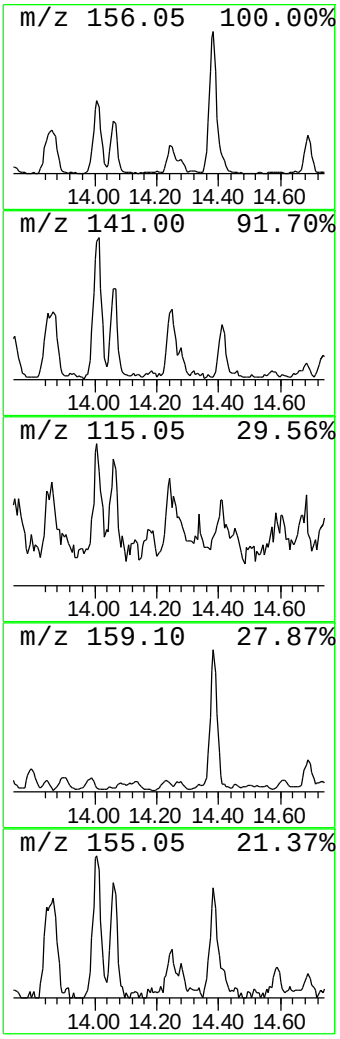
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.12 ng/ul	102002	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	58
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	58
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	58
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	58
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

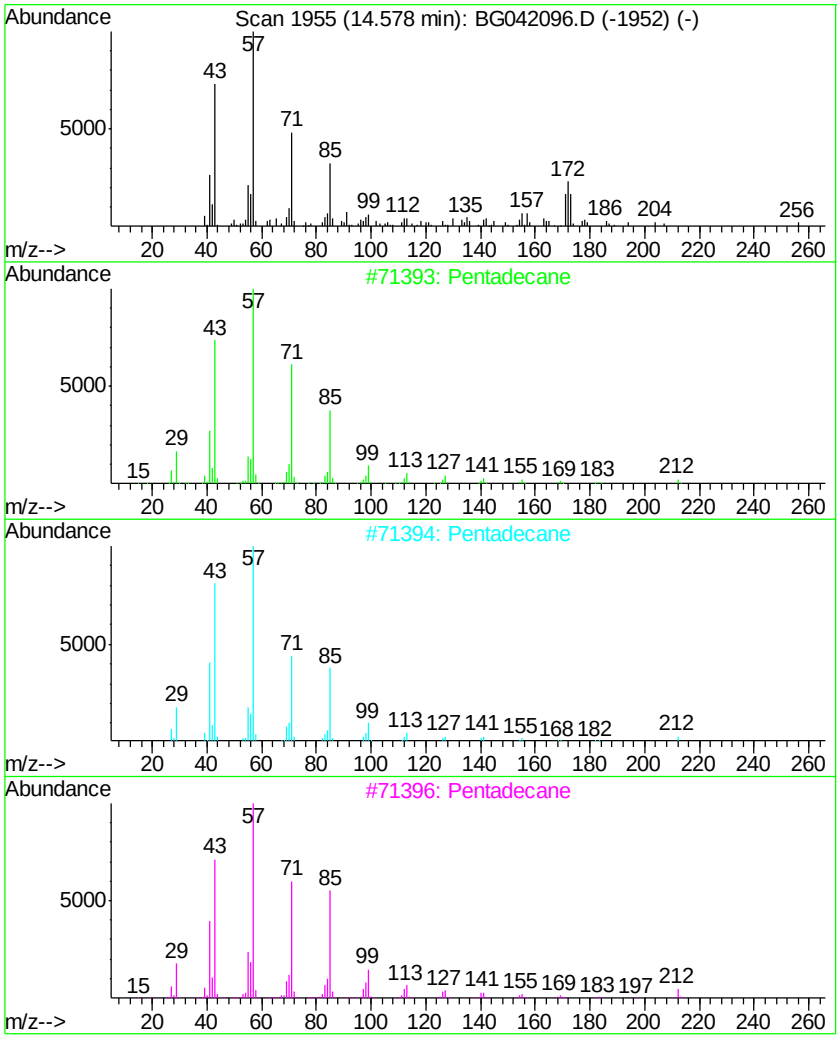
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

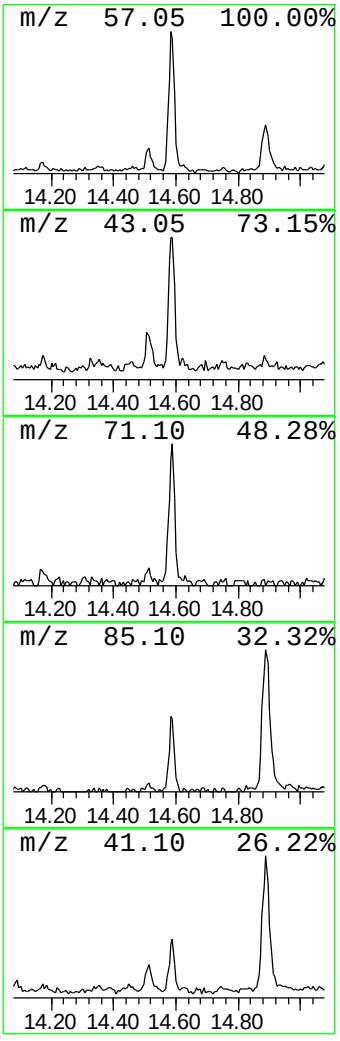
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	2.37 ng/ul	113796	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Pentadecane	212	C15H32	000629-62-9	95
3	Pentadecane	212	C15H32	000629-62-9	93
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	62
5	Hexadecane	226	C16H34	000544-76-3	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

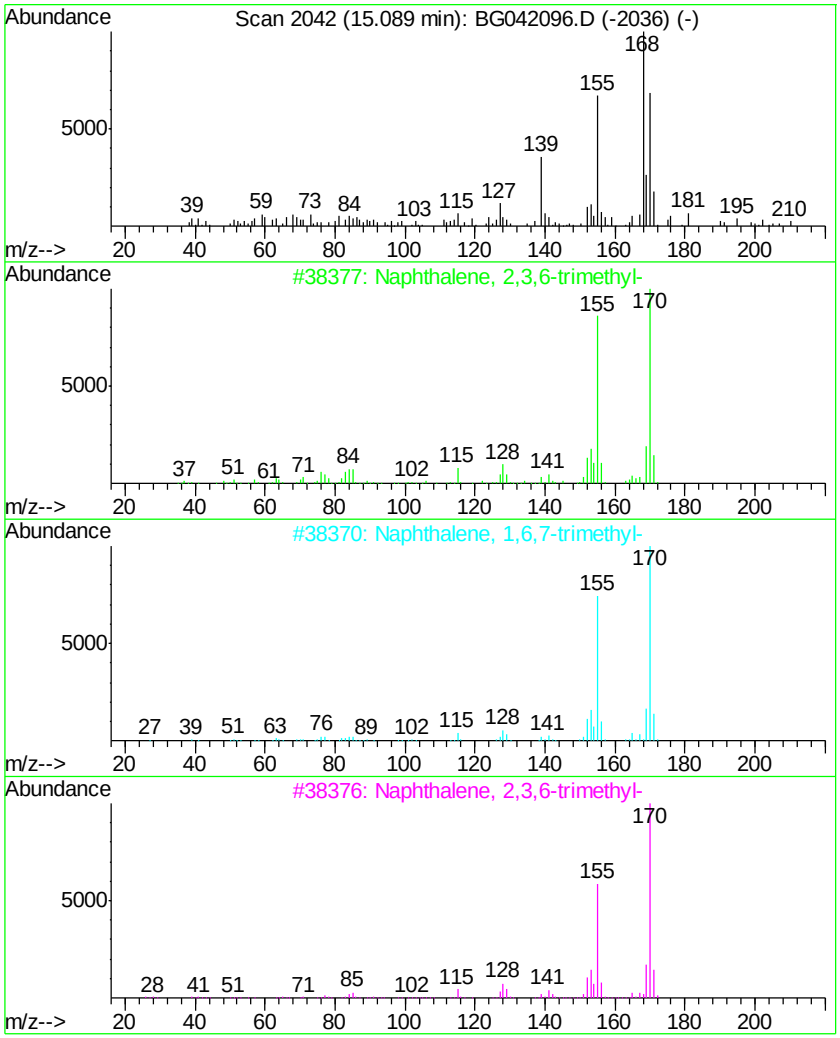
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

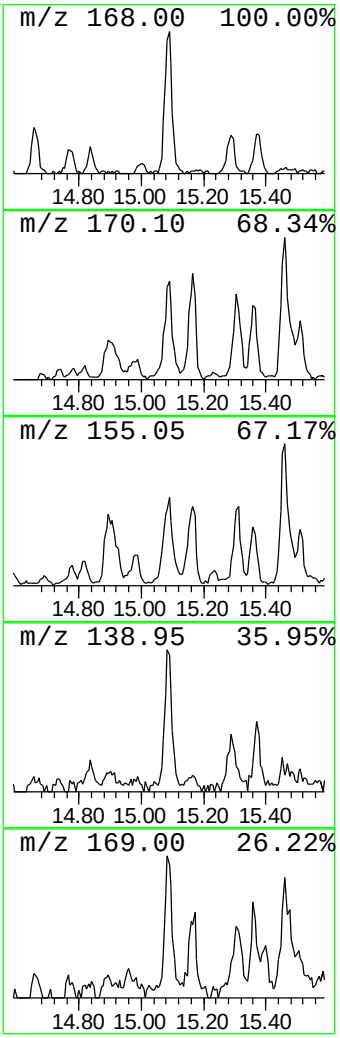
****

Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	3.30 ng/ul	158694	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	45
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	45
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	45
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

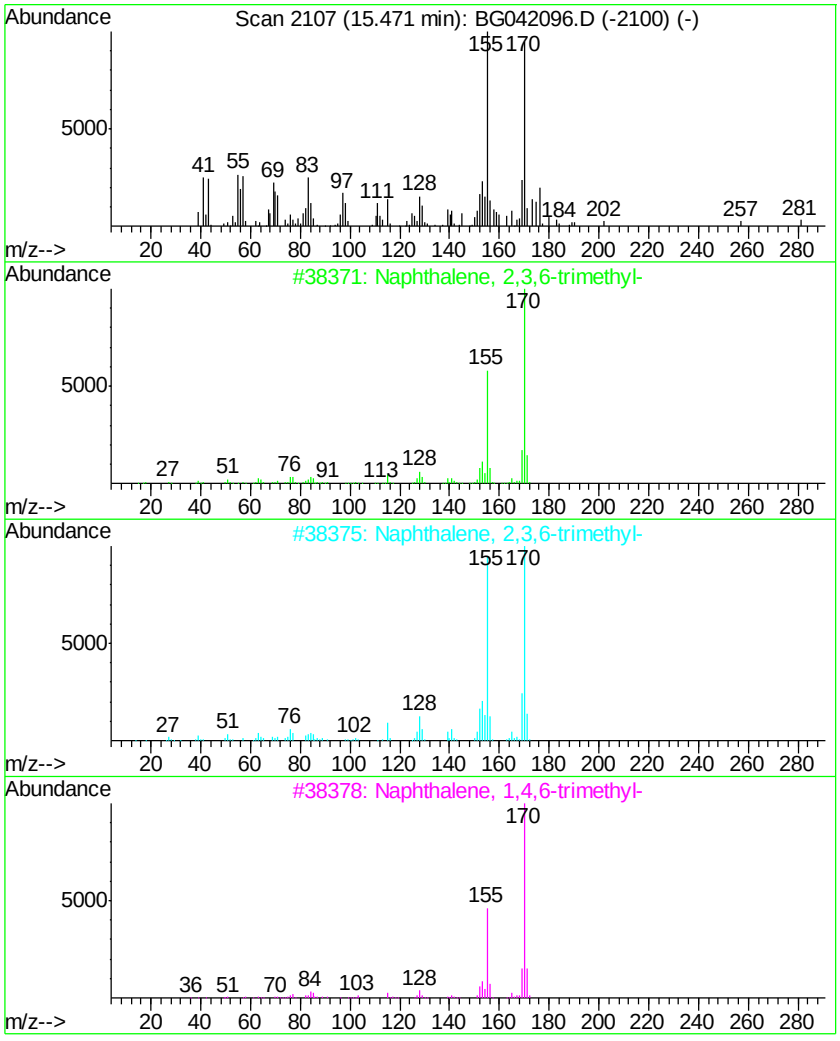
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

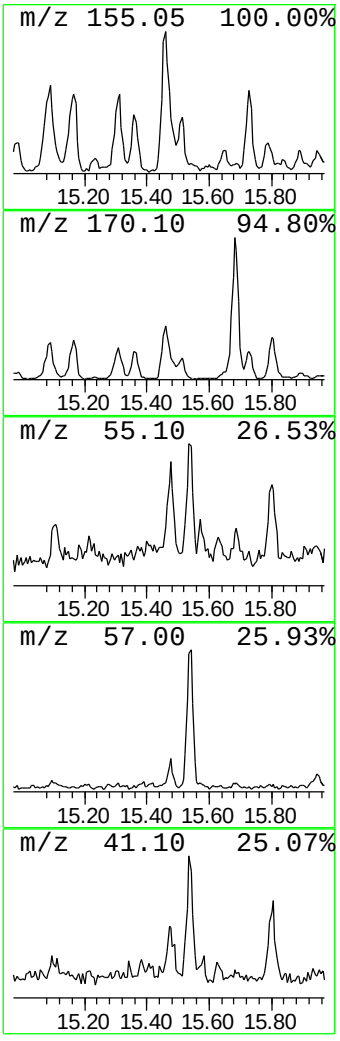
****

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	2.27 ng/ul	109143	Acenaphthene-d10	14.69

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	93
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

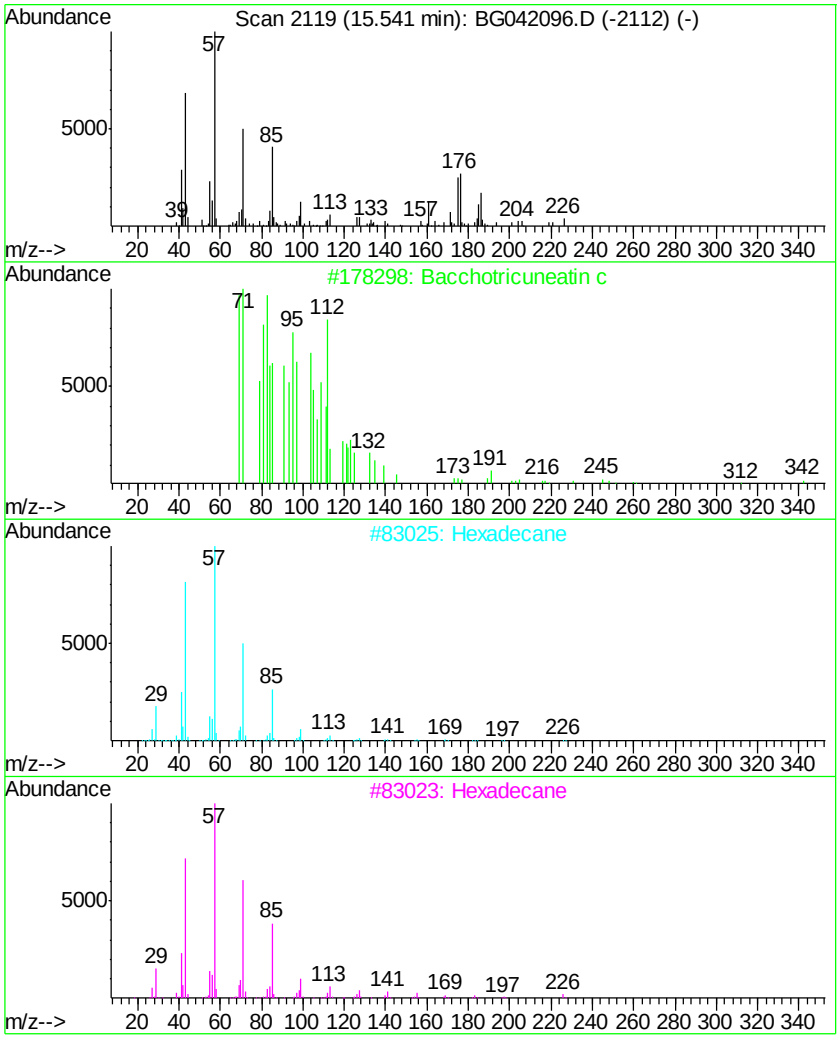
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

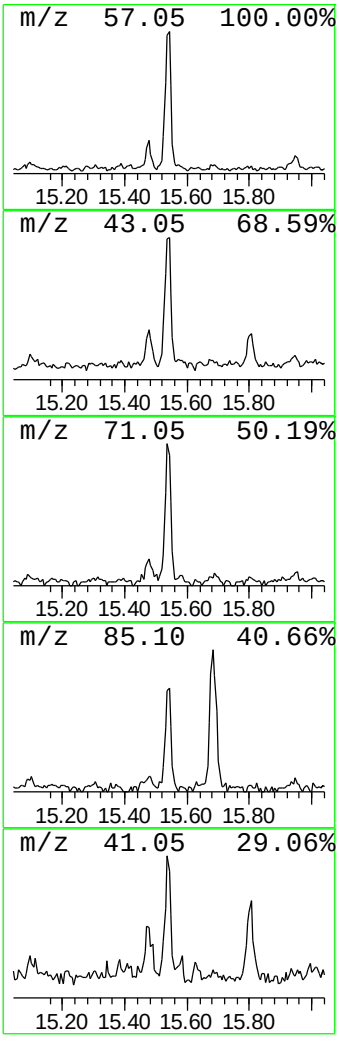
****

Peak Number 9 Bacchotricuneatin c Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	2.05 ng/ul	98528	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Hexadecane	226	C16H34	000544-76-3	89
4	Hexadecane	226	C16H34	000544-76-3	64
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

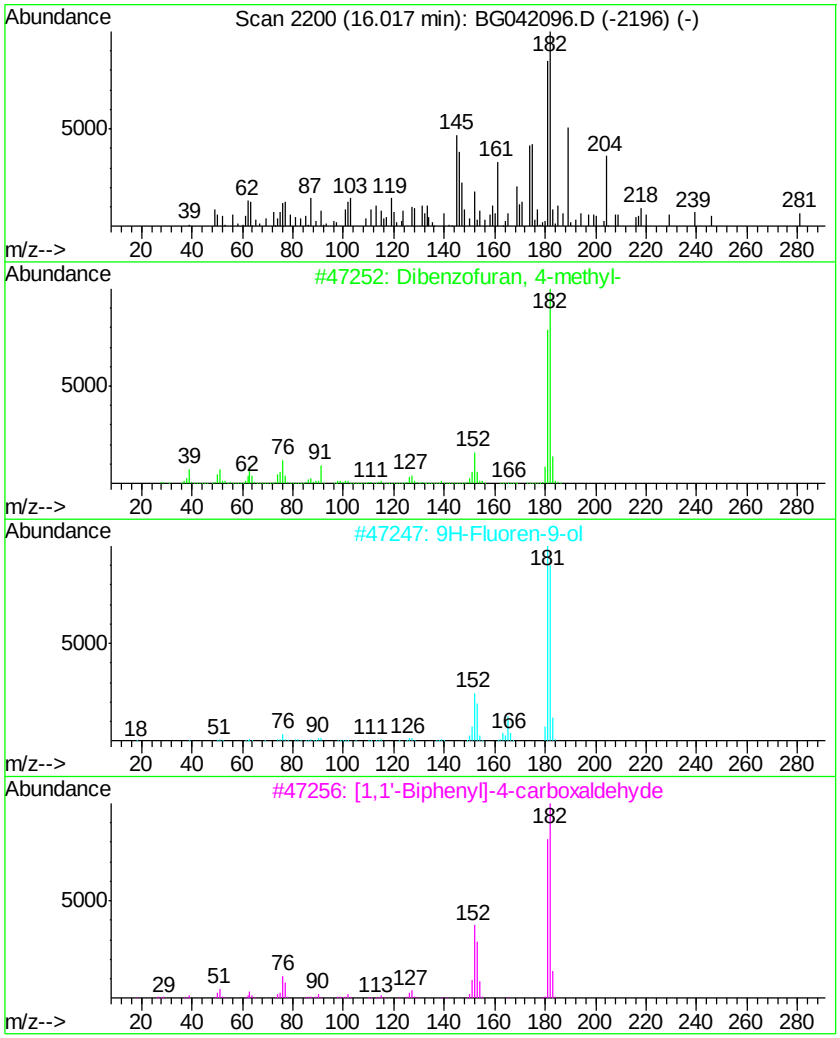
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

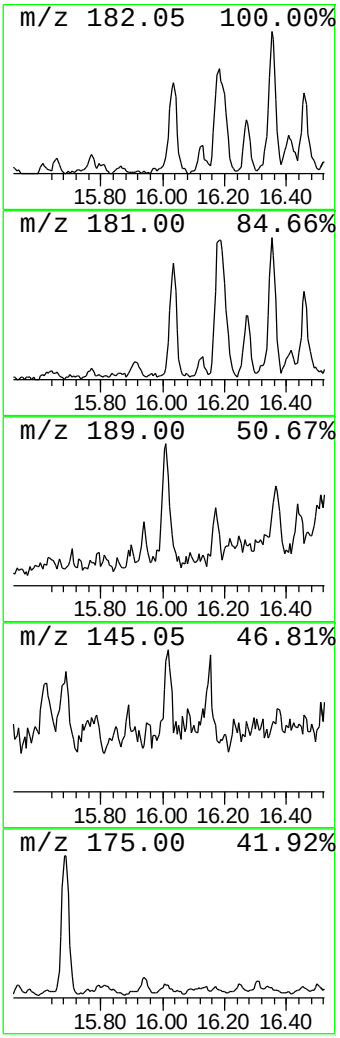
****

Peak Number 10 Dibenzofuran, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.32 ng/ul	111647	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	59
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	59
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

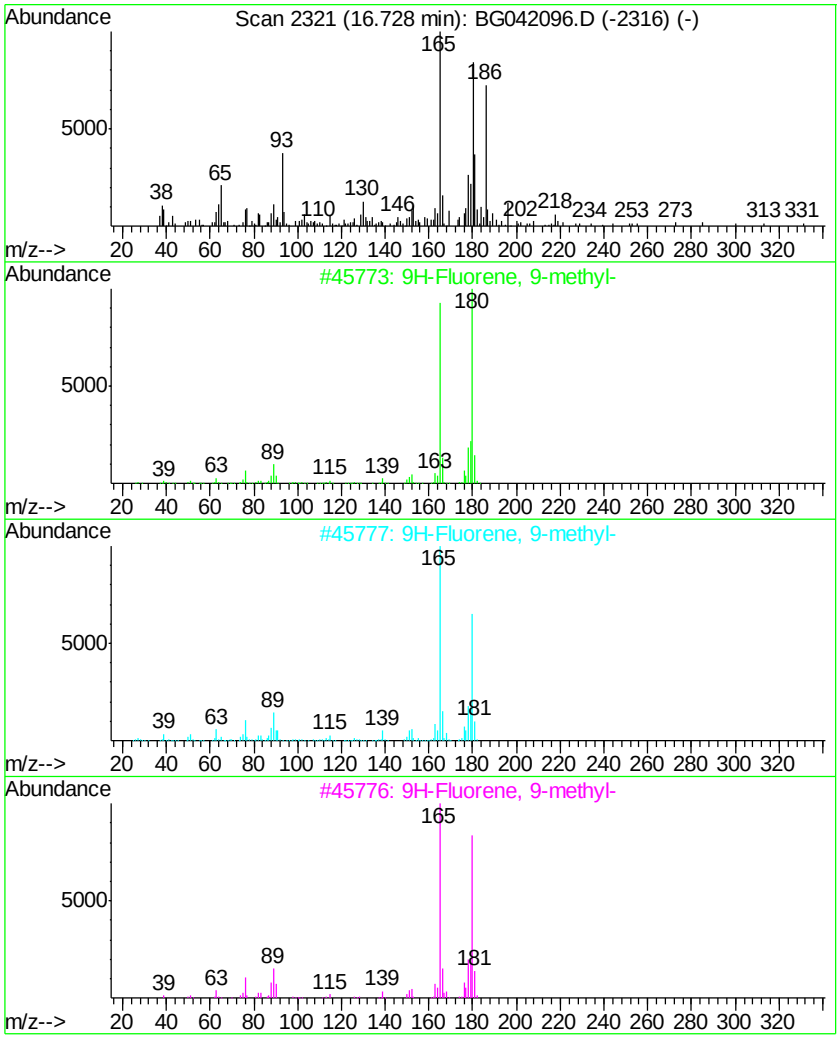
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

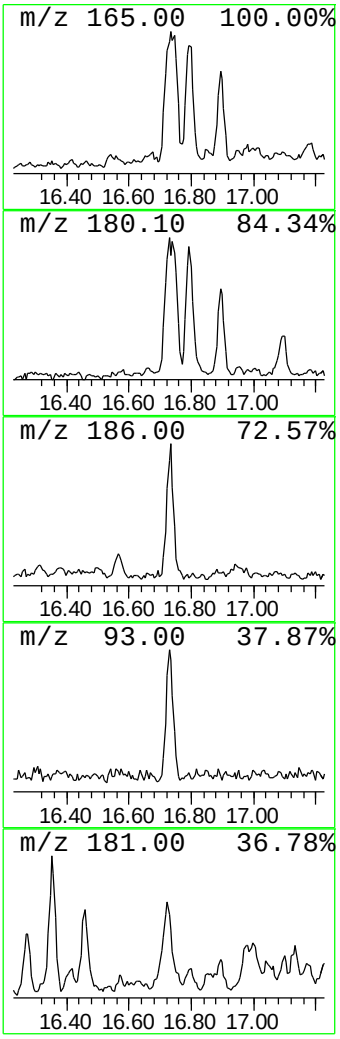
****

Peak Number 11 9H-Fluorene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	3.53 ng/ul	188374	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	92
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

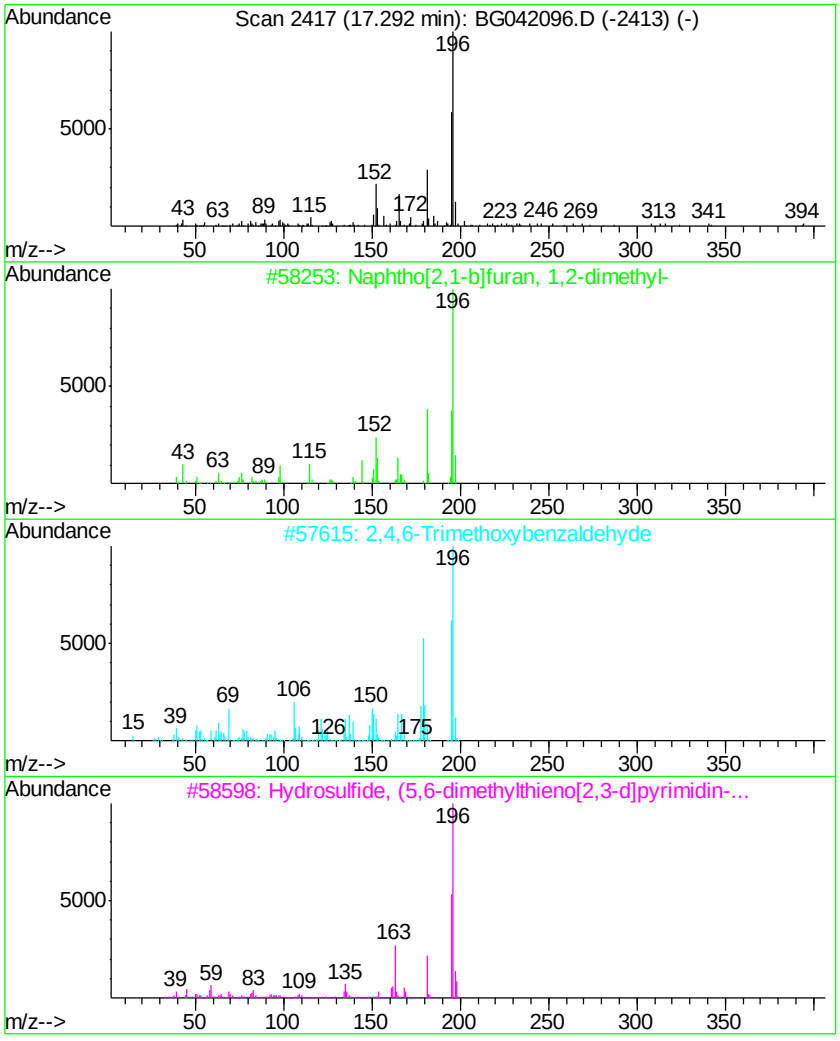
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

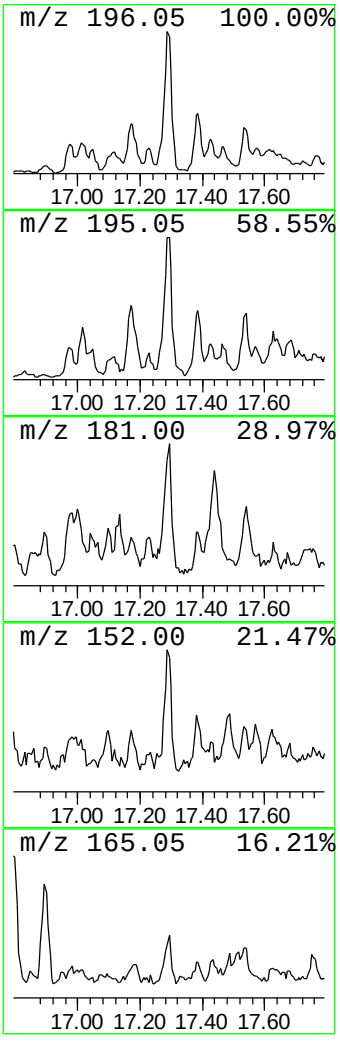
****

Peak Number 12 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	2.11 ng/ul	112839	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	64
2	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	59
3	Hydrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	53
4	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	53
5	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

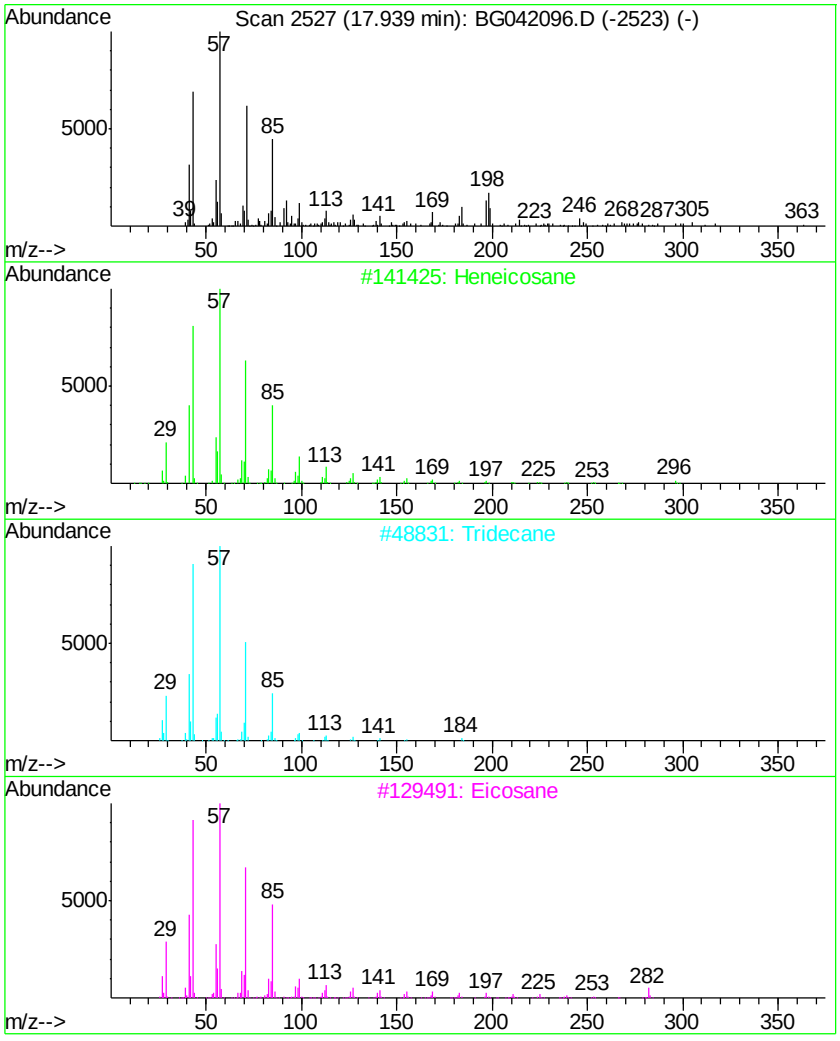
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

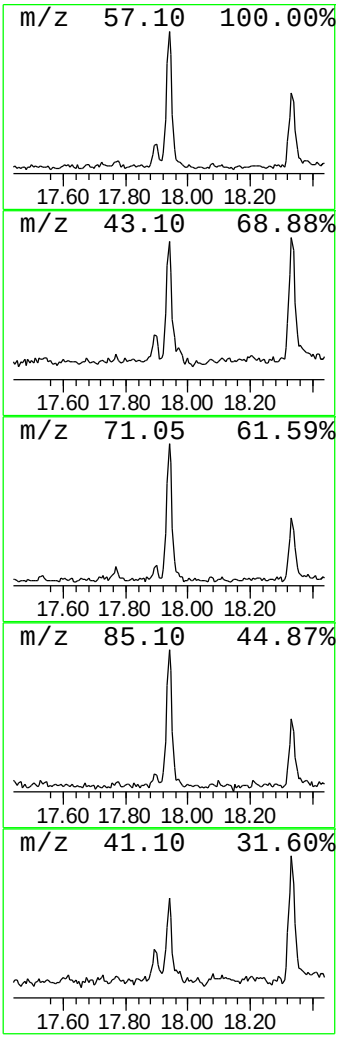
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.50 ng/ul	133268	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	66
2	Tridecane	184	C13H28	000629-50-5	64
3	Eicosane	282	C20H42	000112-95-8	60
4	Tridecane	184	C13H28	000629-50-5	58
5	Tridecane	184	C13H28	000629-50-5	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

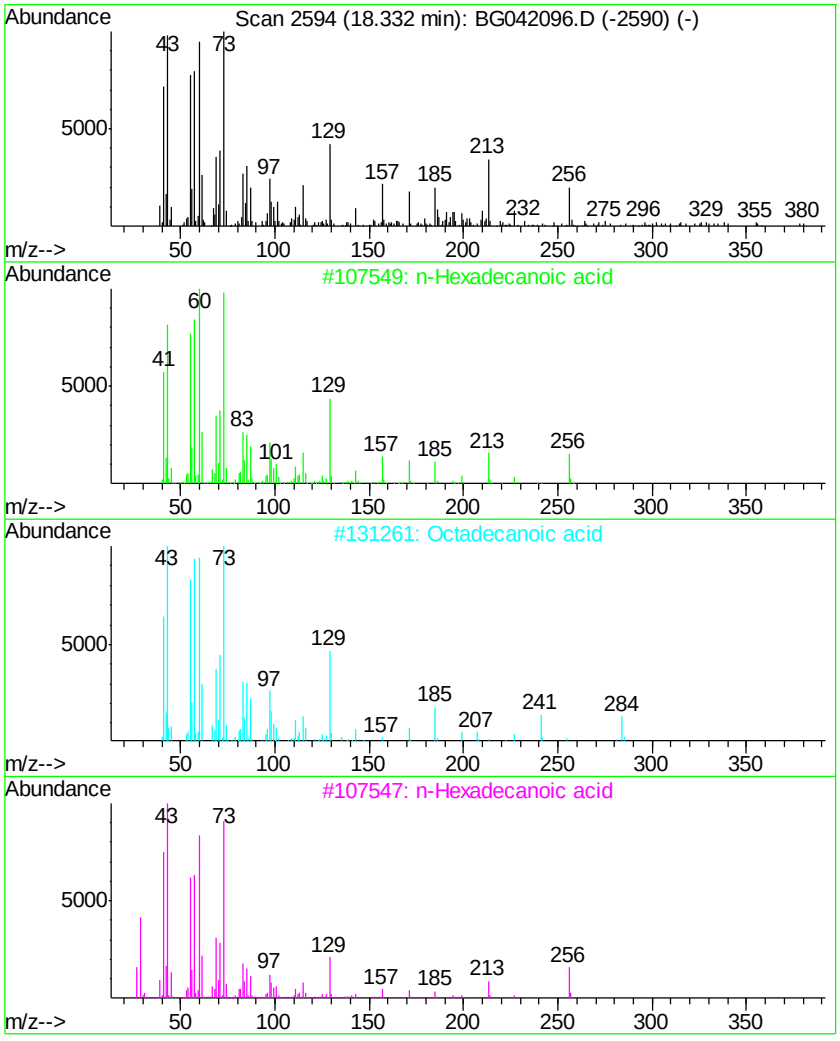
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

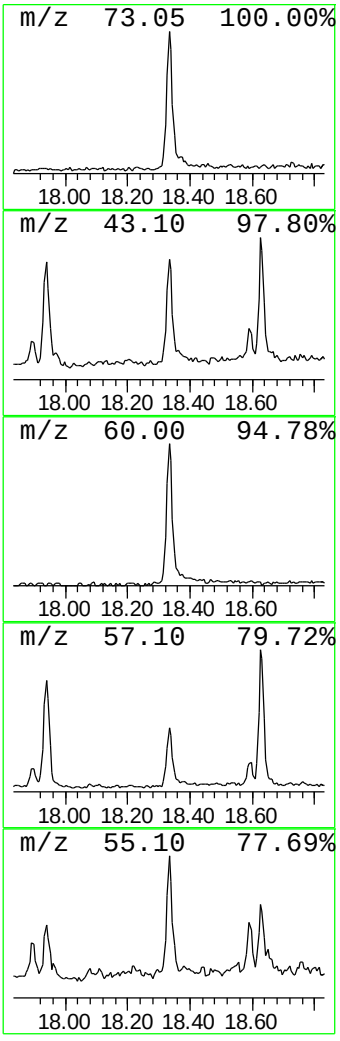
****

Peak Number 14 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	4.29 ng/ul	228927	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Docosanoic acid	340	C22H44O2	000112-85-6	89
5	Dodecanoic acid	200	C12H24O2	000143-07-7	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

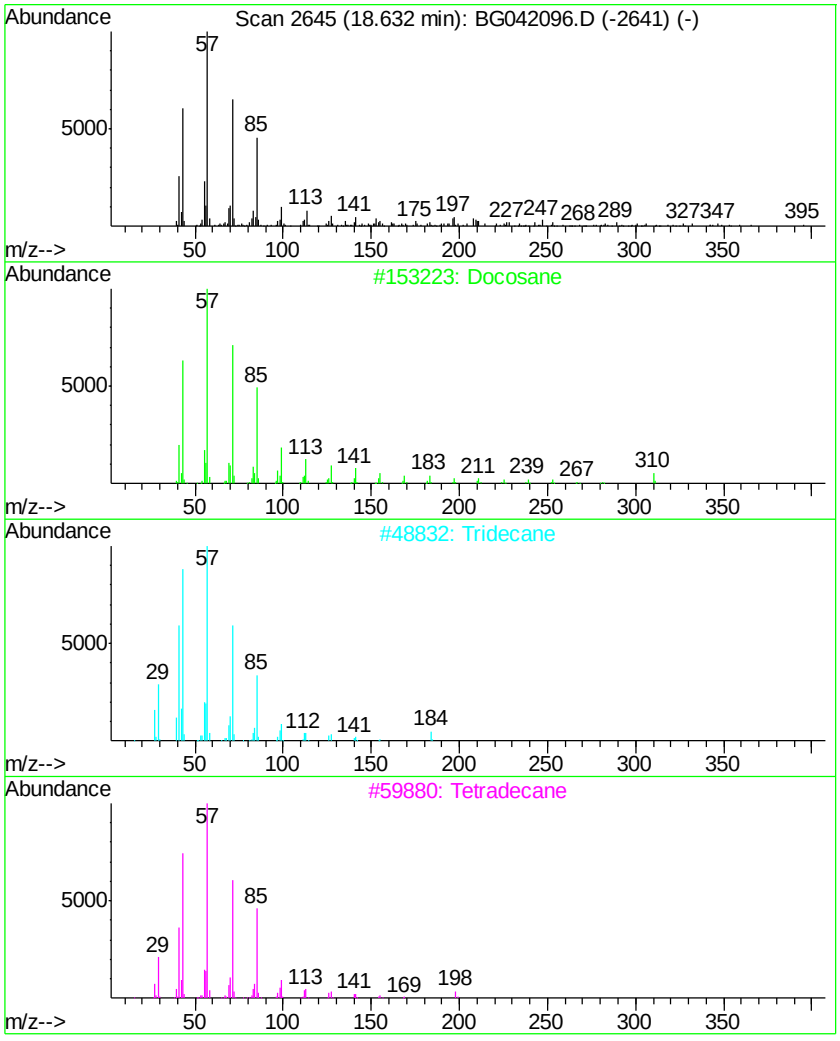
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

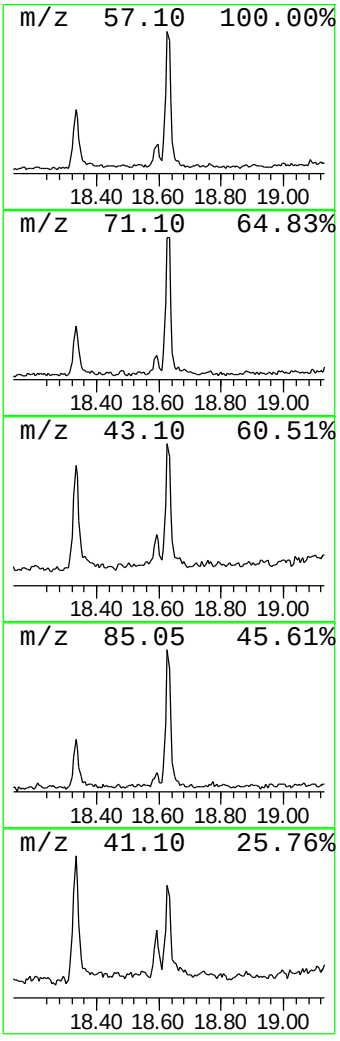
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.29 ng/ul	122114	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Tridecane	184	C13H28	000629-50-5	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Behenyl chloride	344	C22H45Cl	042217-03-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

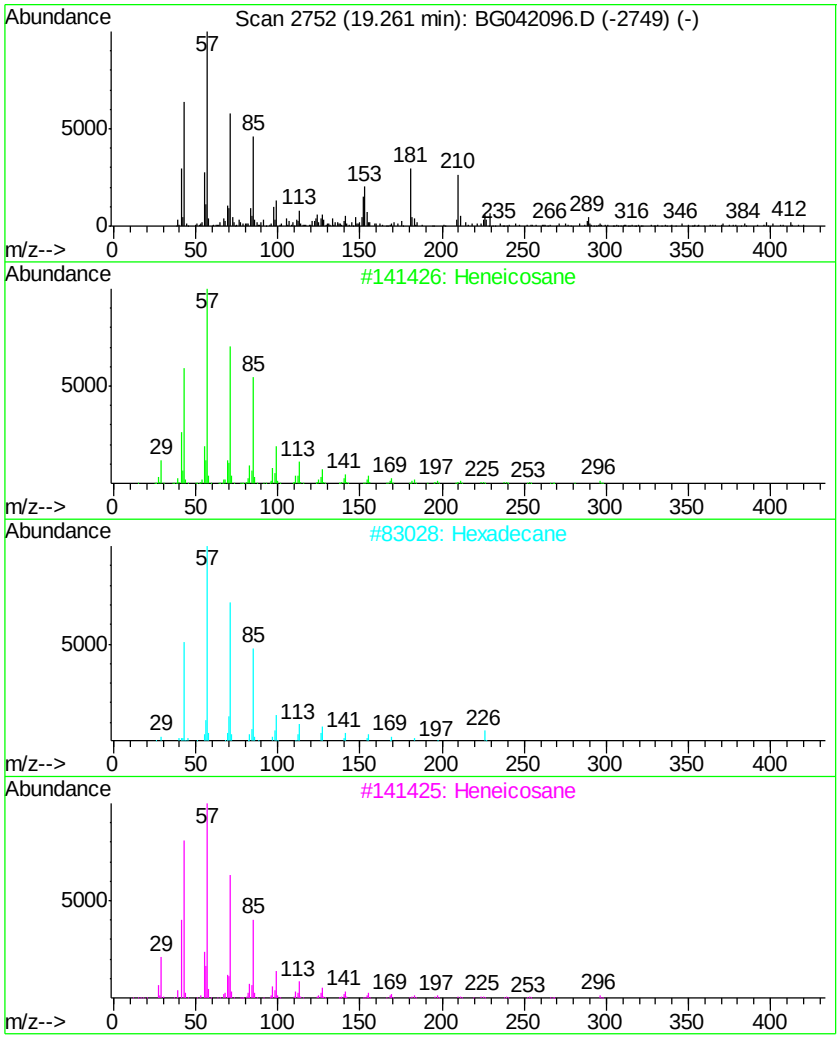
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

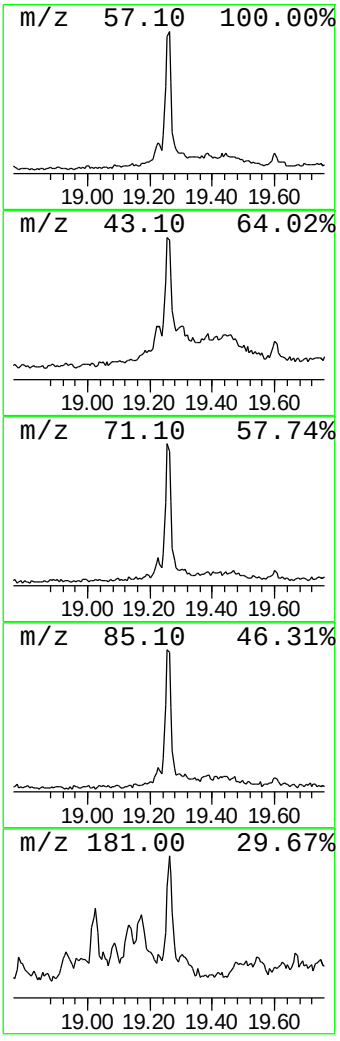
****

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	4.20 ng/ul	223991	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heneicosane	296	C21H44	000629-94-7	83
4	Hexadecane	226	C16H34	000544-76-3	64
5	Hexadecane	226	C16H34	000544-76-3	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

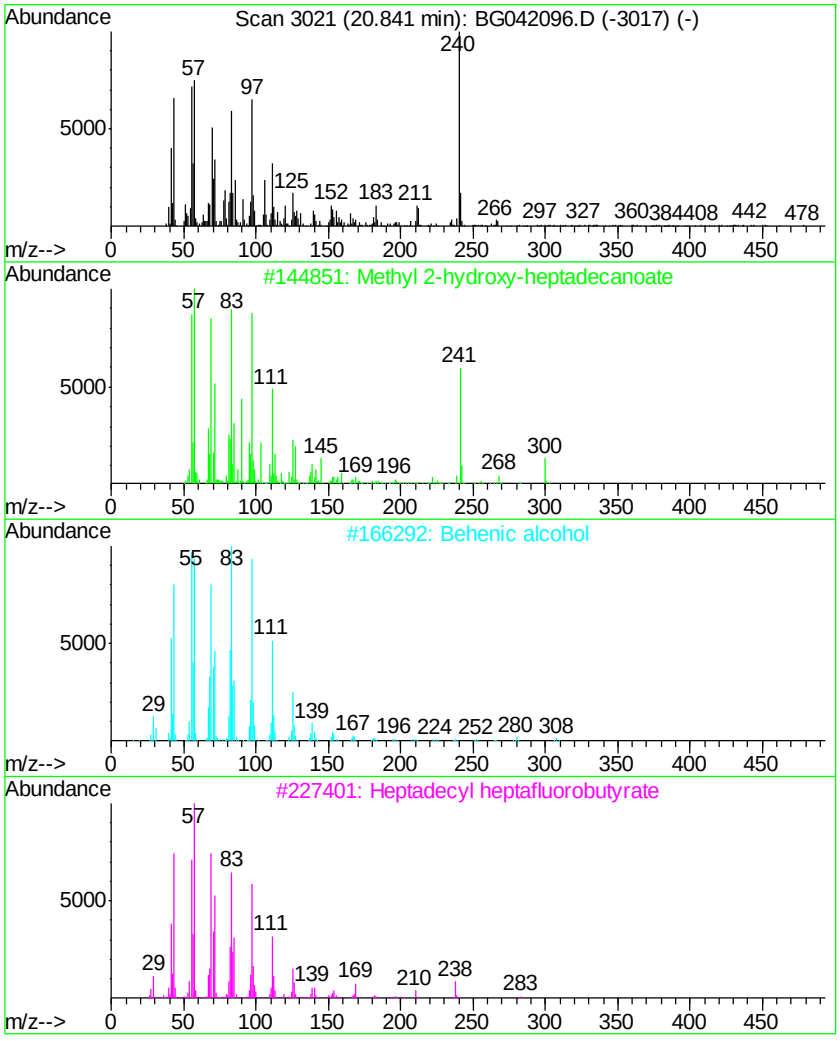
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

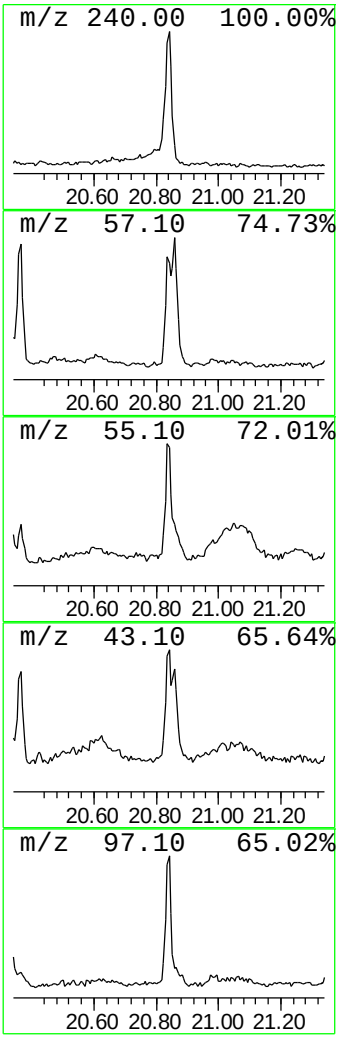
****

Peak Number 17 Methyl 2-hydroxy-heptadecan... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	9.76 ng/ul	599332	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-hydroxy-heptadecanoate	300	C18H36O3	1000336-20-1	64
2	Behenic alcohol	326	C22H46O	000661-19-8	53
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	46
4	Heneicosyl trifluoroacetate	408	C23H43F3O2	1000351-76-5	46
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

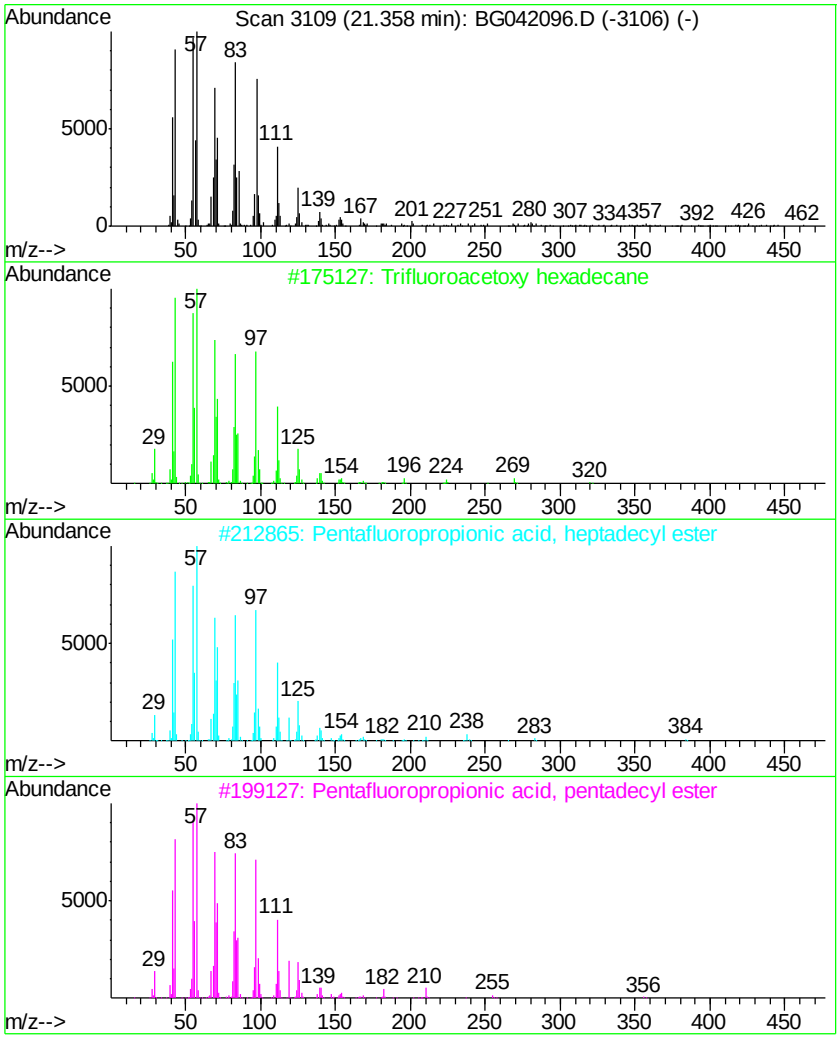
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

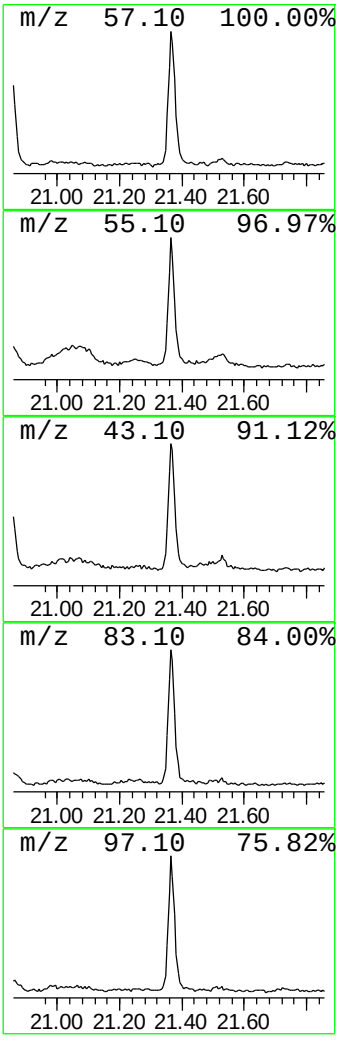
****

Peak Number 18 Trifluoroacetoxy hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	9.14 ng/ul	561272	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080819\
Data File : BG042096.D
Acq On : 9 Aug 2019 10:48
Operator : HP/JU
Sample : K4147-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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
Butane, 2-methoxy...	3.15	105.0	ng/ul	2294740	1	8.03	436916	20.0
Benzofuran, 4,7-d...	11.26	2.5	ng/ul	85279	2	10.85	682966	20.0
Naphthalene, 1-me...	12.73	2.2	ng/ul	74341	2	10.85	682966	20.0
Naphthalene, 1,3-...	14.01	2.0	ng/ul	97925	3	14.69	961670	20.0
Naphthalene, 2,3-...	14.24	2.1	ng/ul	102002	3	14.69	961670	20.0
(DEL) Alkane: Str...	14.58	2.4	ng/ul	113796	3	14.69	961670	20.0
Naphthalene, 2,3,...	15.09	3.3	ng/ul	158694	3	14.69	961670	20.0
Naphthalene, 1,4,...	15.47	2.3	ng/ul	109143	3	14.69	961670	20.0
Bacchotricuneatin c	15.54	2.0	ng/ul	98528	3	14.69	961670	20.0
Dibenzofuran, 4-m...	16.02	2.3	ng/ul	111647	3	14.69	961670	20.0
9H-Fluorene, 9-me...	16.73	3.5	ng/ul	188374	4	17.45	1067280	20.0
Naphtho[2,1-b]fur...	17.29	2.1	ng/ul	112839	4	17.45	1067280	20.0
(DEL) Alkane: Str...	17.94	2.5	ng/ul	133268	4	17.45	1067280	20.0
n-Hexadecanoic acid	18.33	4.3	ng/ul	228927	4	17.45	1067280	20.0
(DEL) Alkane: Str...	18.63	2.3	ng/ul	122114	4	17.45	1067280	20.0
(DEL) Alkane: Str...	19.26	4.2	ng/ul	223991	4	17.45	1067280	20.0
Methyl 2-hydroxy-...	20.84	9.8	ng/ul	599332	5	21.73	1228760	20.0
Trifluoroacetoxy ...	21.36	9.1	ng/ul	561272	5	21.73	1228760	20.0