LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.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	5.134	410	416	418	rBV2	65567	108362	4.57%	0.215%
2	5.504	471	479	485	rVB4	55254	100589	4.24%	0.199%
3	6.474	634	644	650	rBV2	125239	234490	9.89%	0.464%
4	6.574	657	661	666	rVV	104594	137082	5.78%	0.271%
5	6.633	666	671	676	rBV2	93941	159580	6.73%	0.316%
6	6.691	676	681	695	rVB3	113658	286769	12.09%	0.568%
7	6.826	695	704	708	rBV	101462	176244	7.43%	0.349%
8	7.020	731	737	746	rVB2	139989	254151	10.72%	0.503%
9	7.132	747	756	761	rBV2	230377	394367	16.63%	0.781%
10	7.479	808	815	822	rVB2	311826	610570	25.75%	1.209%
11	7.972	893	899	902	rBV2	74043	128135	5.40%	0.254%
12	8.019	902	907	913	rVB3	121053	215786	9.10%	0.427%
13	8.119	919	924	927	rBV2	139391	228226	9.62%	0.452%
14	8.219	936	941	945	rBV4	63385	119201	5.03%	0.236%
15	8.295	948	954	958	rVV5	46401	108405	4.57%	0.215%
16	8.354	959	964	967	rVV3	51463	86993	3.67%	0.172%
17	8.583	995	1003	1008	rBV	265505	415219	17.51%	0.822%
18	8.642	1008	1013	1020	rVV2	122700	267713	11.29%	0.530%
19	8.707	1021	1024	1033	rVB3	97599	185707	7.83%	0.368%
20	8.830	1040	1045	1050	rVB8	64603	142542	6.01%	0.282%
21	9.059	1078	1084	1088	rVV4	69384	126713	5.34%	0.251%
22	9.106	1088	1092	1098	rVV3	154494	304787	12.85%	0.604%
23	9.171	1098	1103	1110	rVB4	95258	217664	9.18%	0.431%
24	9.365	1127	1136	1140	rBV3	182469	367240	15.49%	0.727%
25	9.447	1146	1150	1159	rVB8	66547	175174	7.39%	0.347%
26	9.553	1166	1168	1172	rVB3	72709	87044	3.67%	0.172%
27	9.670	1184	1188	1193	rBV3	144860	246647	10.40%	0.488%
28	9.747	1198	1201	1206	rVB5	89768	147419	6.22%	0.292%
29	9.858	1216	1220	1224	rVV5	61111	92176	3.89%	0.183%
30	9.905	1224	1228	1235	rVB2	146102	239158	10.09%	0.474%
31	9.976	1235	1240	1249	rBV	109787	242363	10.22%	0.480%
32	10.269	1279	1290	1295	rBV2	493624	1058412	44.63%	2.096%
33	10.316	1295	1298	1305	rVV2	229816	387777	16.35%	0.768%
34	10.387	1306	1310	1314	rVV2	119171	180216	7.60%	0.357%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Title : SVOA CALIBRATION

35	10.440	1314	1319	1324	rVV3	196175	306369	12.92%	0.607%
36	10.493	1324	1328	1335	rVB3	87498	158436	6.68%	0.314%
37	10.569	1336	1341	1346	rVB7	52406	97968	4.13%	0.194%
38	10.757	1369	1373	1377	rVB4	70823	111827	4.72%	0.221%
39	10.939	1399	1404	1405	rBV3	66949	107565	4.54%	0.213%
40	11.045	1419	1422	1427	rVB5	58004	94694	3.99%	0.188%
41	11.110	1427	1433	1440	rVV8	78131	179590	7.57%	0.356%
42	11.186	1440	1446	1453	rVB5	121586	261703	11.04%	0.518%
43	11.304	1461	1466	1470	rBV2	292026	496309	20.93%	0.983%
44	11.556	1506	1509	1514	rVB7	65778	110276	4.65%	0.218%
45	11.950	1572	1576	1583	rVB2	253933	442120	18.64%	0.876%
46	12.014	1583	1587	1591	rBV4	77469	139879	5.90%	0.277%
47	12.173	1608	1614	1618	rBV2	161431	270493	11.41%	0.536%
48	12.496	1665	1669	1674	rVB8	73215	133140	5.61%	0.264%
49	12.573	1679	1682	1688	rVB6	111816	191145	8.06%	0.379%
50	12.637	1690	1693	1698	rVV6	74744	148442	6.26%	0.294%
51	12.696	1698	1703	1706	rVV	331316	494516	20.85%	0.979%
52	12.743	1707	1711	1717	rVB7	96249	167261	7.05%	0.331%
53	12.925	1738	1742	1745	rBV2	106907	151345	6.38%	0.300%
54	13.084	1765	1769	1773	rBV6	73556	106333	4.48%	0.211%
55	13.477	1832	1836	1841	rBV2	187632	341334	14.39%	0.676%
56	13.577	1848	1853	1857	rVB2	679157	1004293	42.35%	1.989%
57	13.630	1857	1862	1864	rBV	410944	632851	26.69%	1.253%
58	13.654	1864	1866	1870	rVB2	444657	501811	21.16%	0.994%
59	13.853	1897	1900	1904	rBV	188649	262536	11.07%	0.520%
60	13.895	1904	1907	1914	rVB7	134996	179188	7.56%	0.355%
61	13.989	1919	1923	1932	rVB	416365	612893	25.85%	1.214%
62	14.071	1932	1937	1941	rBV7	105286	208776	8.80%	0.413%
63	14.124	1942	1946	1949	rBV2	162923	296292	12.50%	0.587%
64	14.165	1949	1953	1961	rVB2	530122	847981	35.76%	1.679%
65	14.576	2020	2023	2028	rVB4	155897	227707	9.60%	0.451%
66	14.705	2041	2045	2051	rVB4	215113	324524	13.69%	0.643%
67	14.794	2056	2060	2062	rBV3	144171	214220	9.03%	0.424%
68	14.952	2083	2087	2092	rBV2	290477	452411	19.08%	0.896%
69	15.040	2099	2102	2111	rBV10	113634	225989	9.53%	0.448%
70	15.164	2120	2123	2128	rVB	303969	432109	18.22%	0.856%
71	15.217	2129	2132	2136	rBV5	102521	175562	7.40%	0.348%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Title : SVOA CALIBRATION

72	15.446	2166	2171	2177	rVB	461671	702242	29.61%	1.391%
73	15.928	2245	2253	2258	rBV	1044936	1803158	76.04%	3.571%
74	16.750	2389	2393	2400	rVB	646202	985669	41.57%	1.952%
75	16.926	2419	2423	2427	rBV	530805	786309	33.16%	1.557%
76	16.967	2427	2430	2435	rVV	699560	911434	38.44%	1.805%
77	17.026	2436	2440	2444	rVV	260360	338906	14.29%	0.671%
78	17.108	2451	2454	2461	rVB5	176472	268815	11.34%	0.532%
79	17.643	2542	2545	2550	rVB3	334956	436867	18.42%	0.865%
80	17.725	2556	2559	2563	rVB2	191479	226149	9.54%	0.448%
81	18.007	2602	2607	2611	rBV	1690782	2202650	92.89%	4.362%
82	18.066	2613	2617	2621	rVV	1521534	1838804	77.54%	3.642%
83	18.107	2621	2624	2631	rVB	941692	1219215	51.42%	2.415%
84	18.289	2652	2655	2658	rBV2	317950	378260	15.95%	0.749%
85	18.430	2677	2679	2683	rVB2	290905	308964	13.03%	0.612%
86	18.842	2745	2749	2750	rBV2	616752	724382	30.55%	1.435%
87	18.865	2750	2753	2762	rVB3	903863	1900181	80.13%	3.763%
88	18.948	2763	2767	2771	rBV3	468100	630374	26.58%	1.248%
89	19.006	2773	2777	2781	rVB	1492062	1815696	76.57%	3.596%
90	19.065	2783	2787	2792	rVV2	1046884	1643177	69.29%	3.254%
91	19.147	2797	2801	2807	rVB	1070296	1565369	66.01%	3.100%
92	19.218	2809	2813	2817	rBV	736074	873815	36.85%	1.731%
93	19.341	2830	2834	2836	rBV2	655142	872964	36.81%	1.729%
94	19.371	2836	2839	2843	rVB	1320379	1681650	70.92%	3.330%
95	19.600	2875	2878	2886	rVB	1539404	1765911	74.47%	3.497%
96	19.858	2919	2922	2927	rVB2	1007460	1333451	56.23%	2.641%
97	19.917	2930	2932	2937	rVB	383084	430017	18.13%	0.852%
98	20.146	2968	2971	2974	rBV2	513248	536340	22.62%	1.062%
99	21.063	3124	3127	3130	rVB	517358	599437	25.28%	1.187%
100	21.139	3135	3140	3144	rBV2	1202820	2371282	100.00%	4.696%

Sum of corrected areas: 50494297

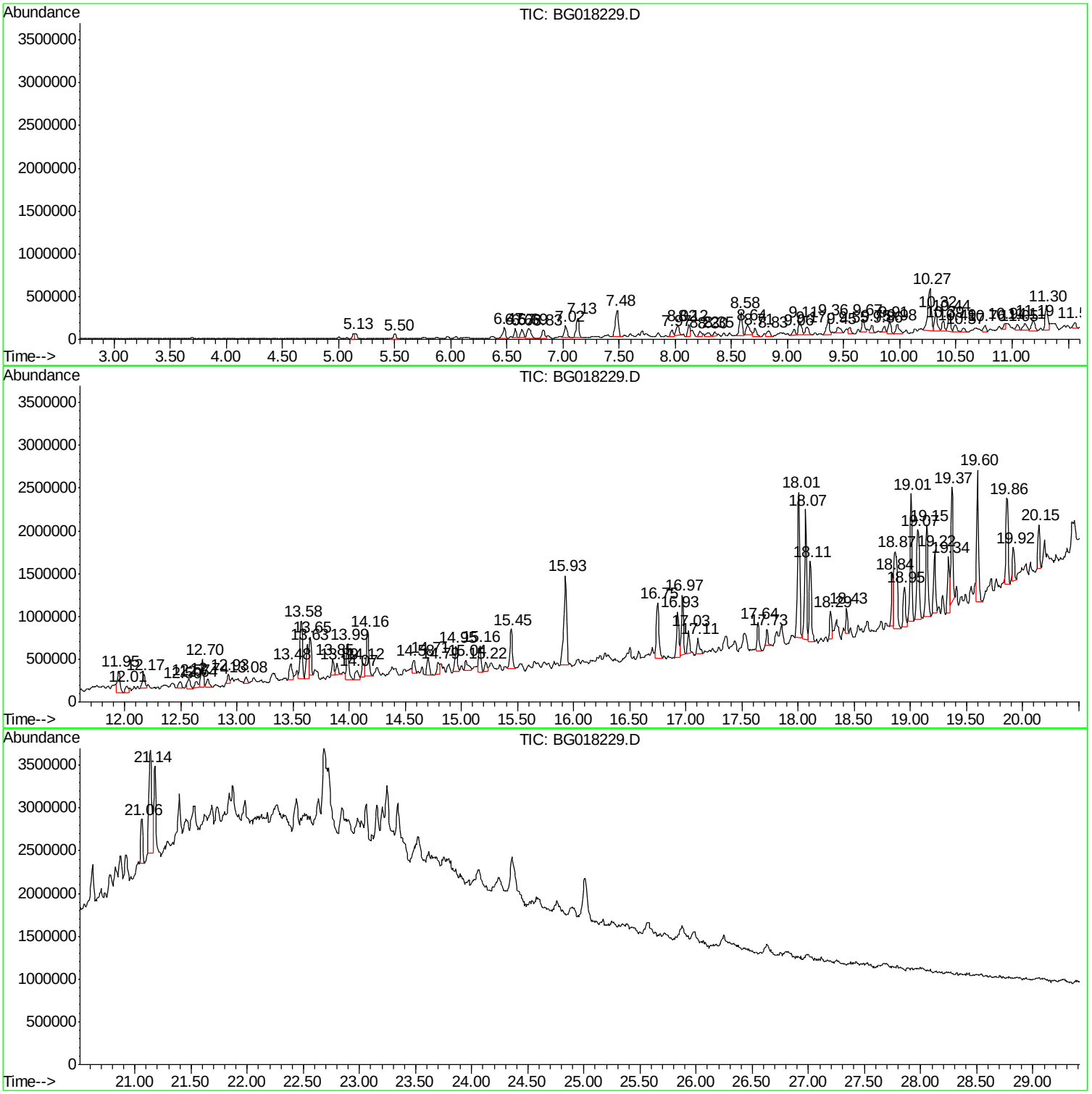
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

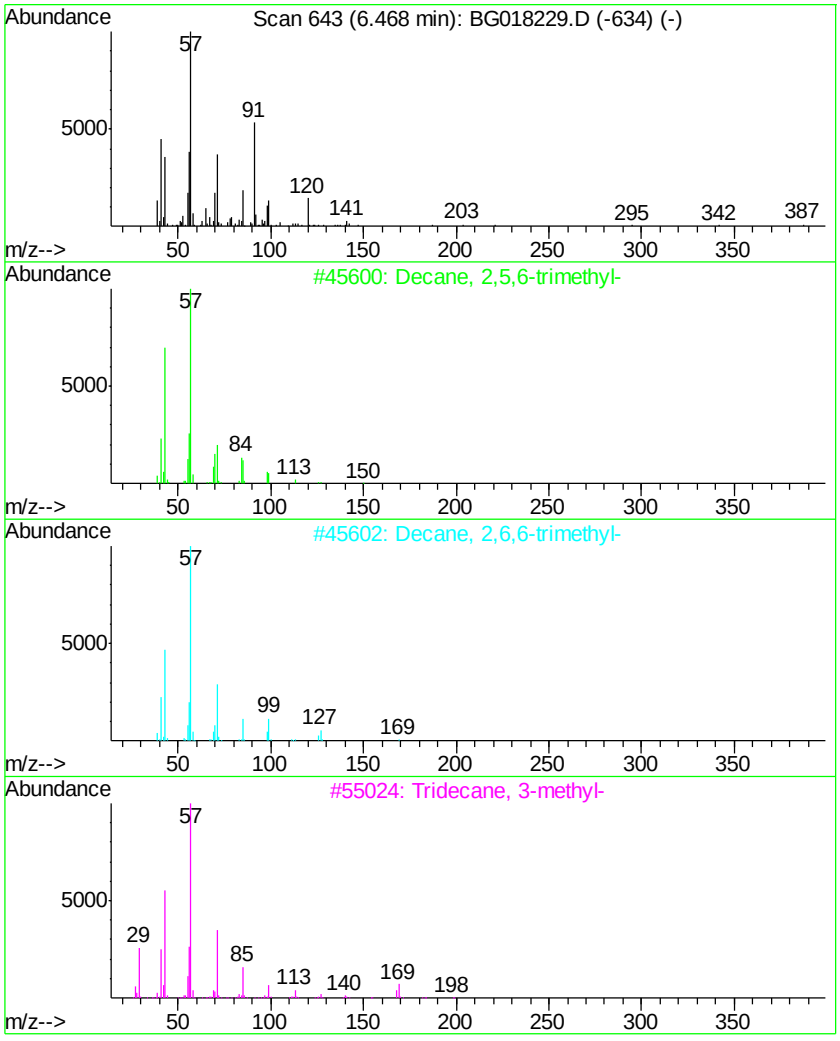
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

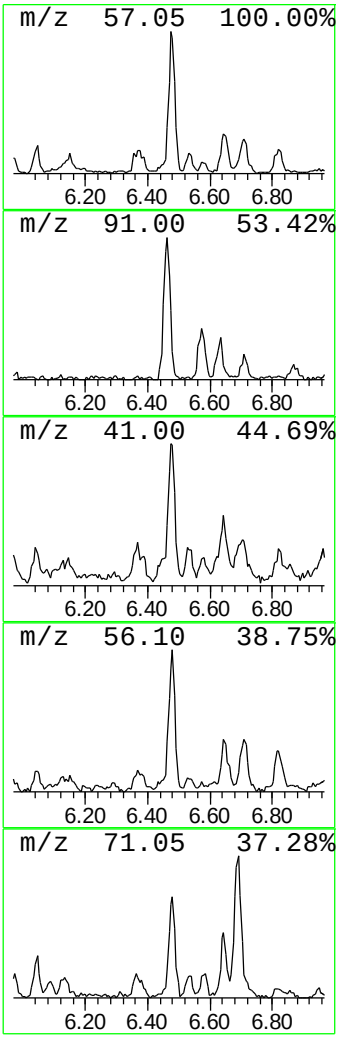
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	7.68 ng/ul	234490	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	78
2	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	59
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	59
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

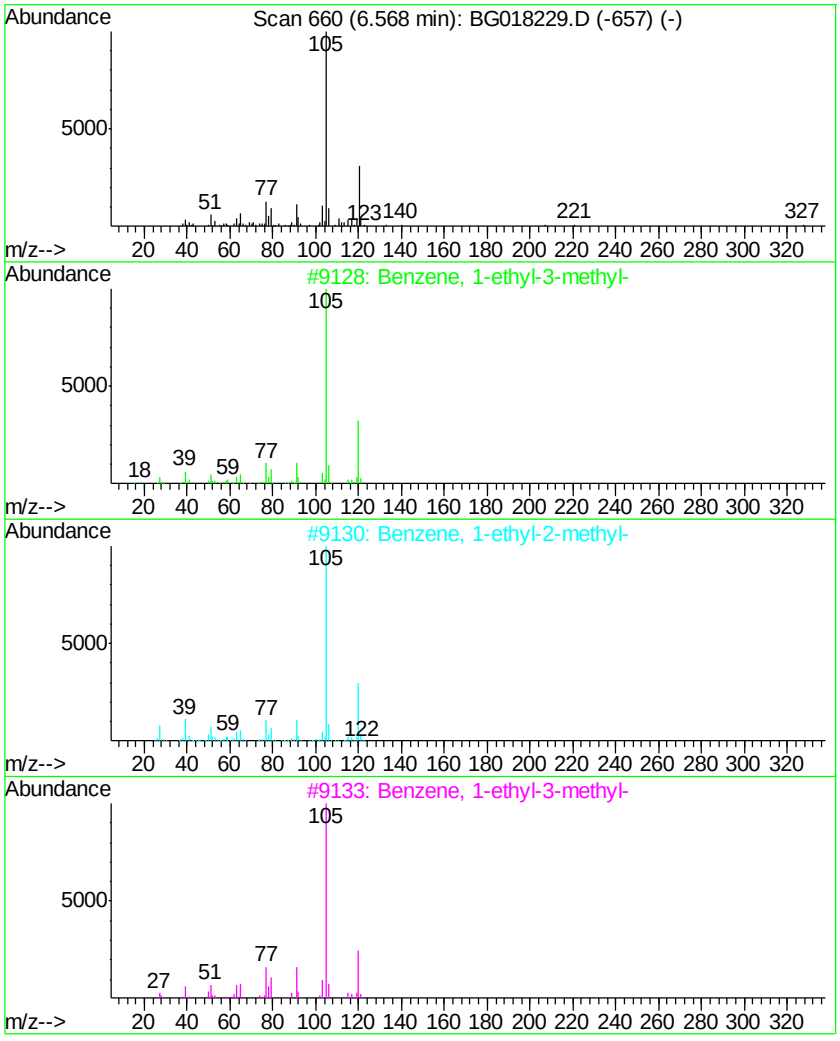
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

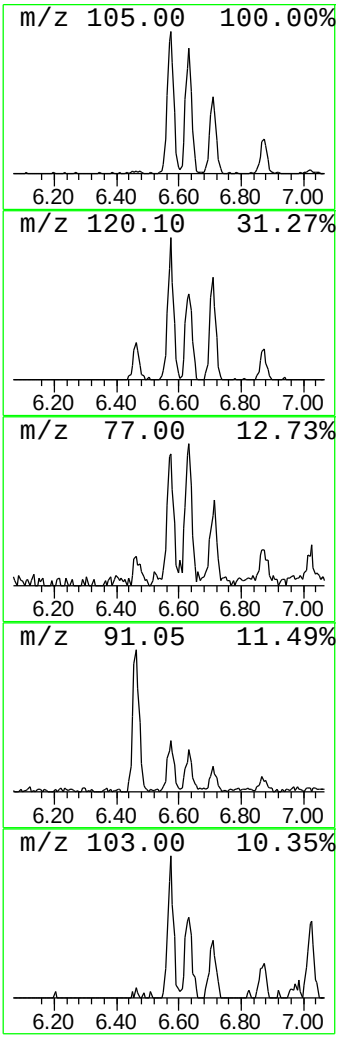
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	4.49 ng/ul	137082	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

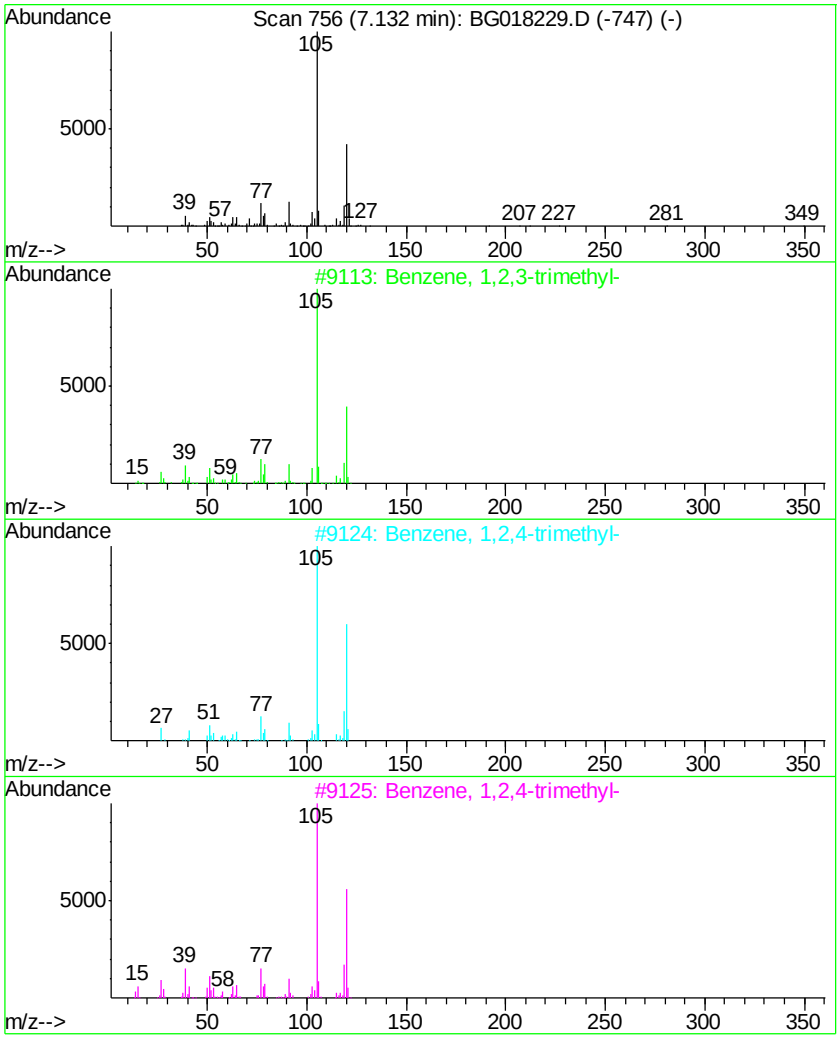
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

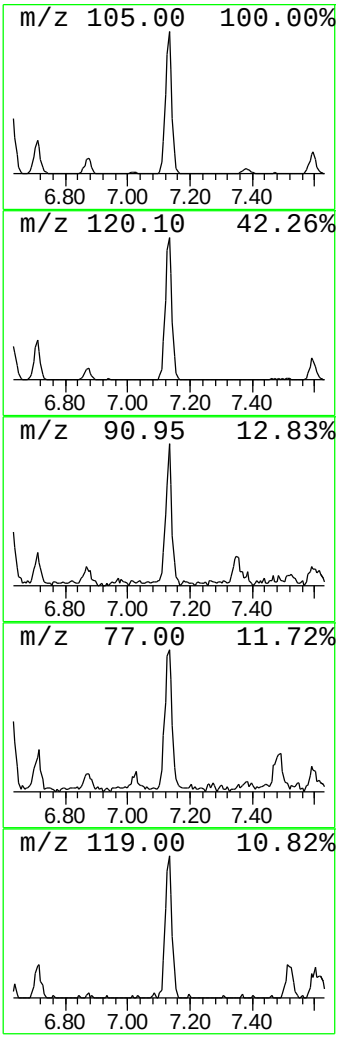
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	12.92 ng/ul	394367	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

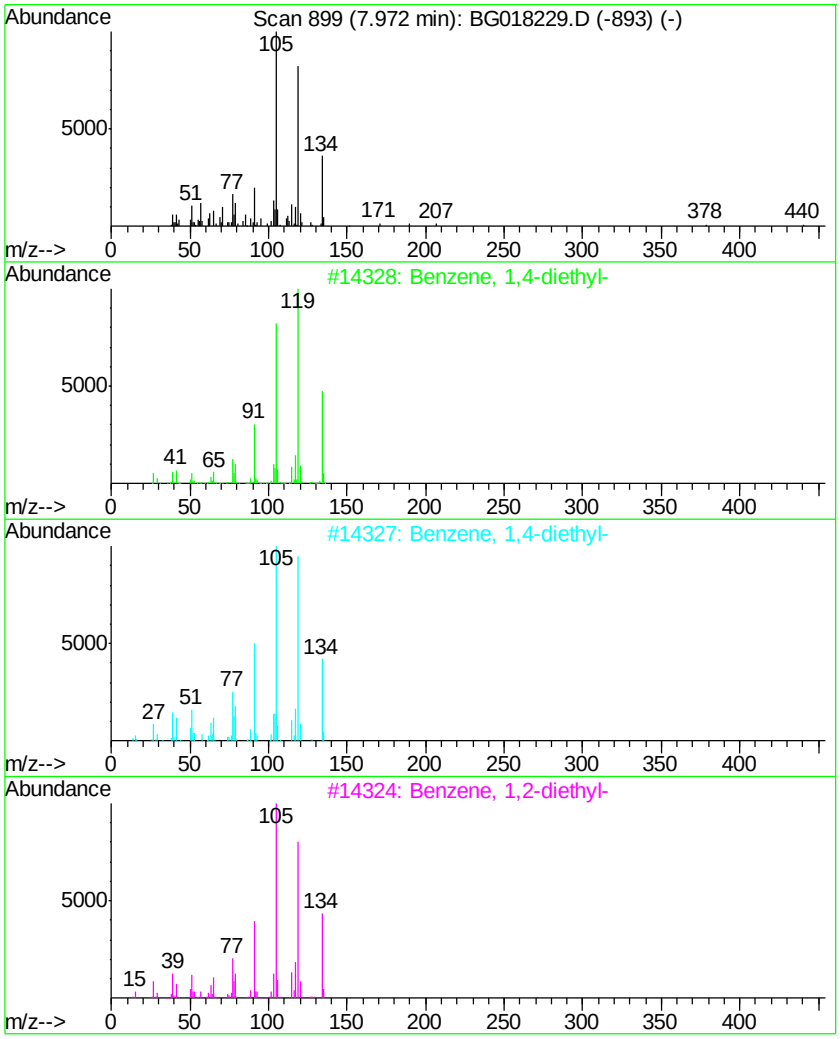
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

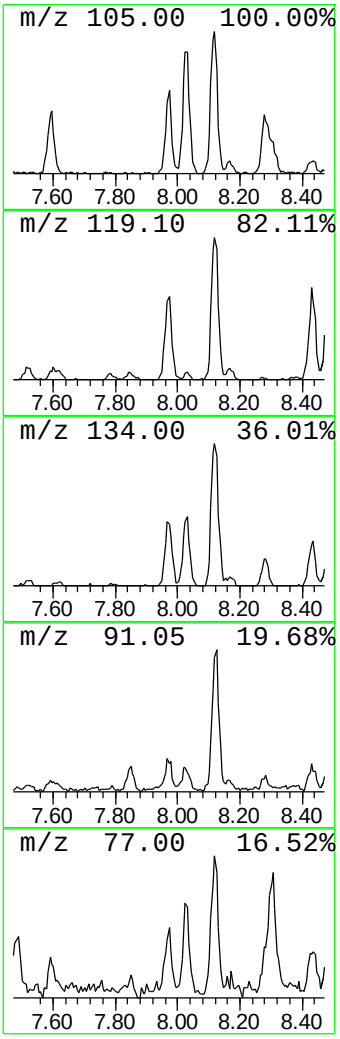
****

Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	4.20 ng/ul	128135	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

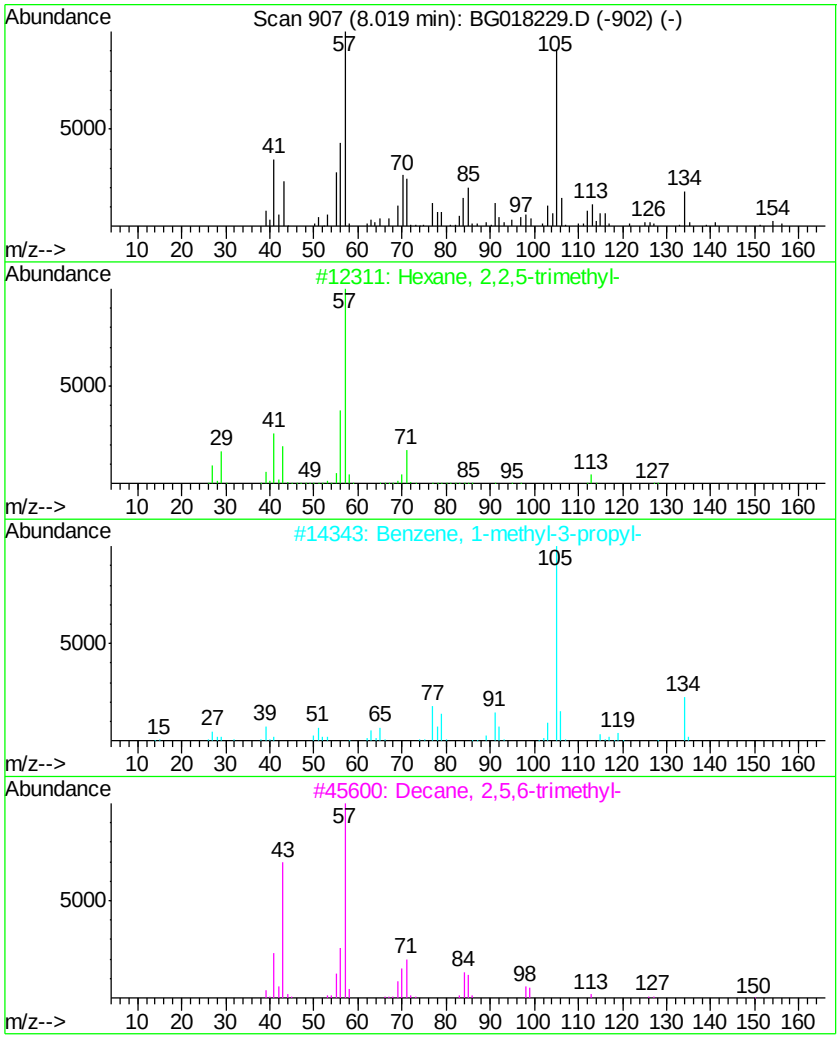
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

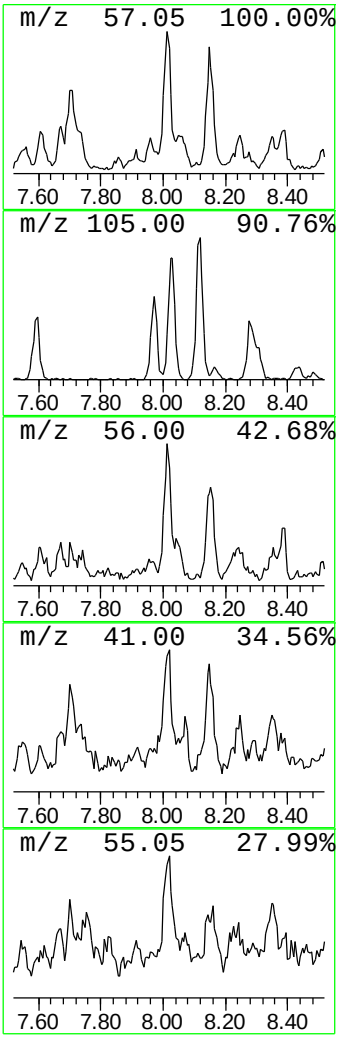
****

Peak Number 8 Hexane, 2,2,5-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	7.07 ng/ul	215786	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	35
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	25
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	22
4	2-Tolyloxirane	134	C9H10O	002783-26-8	20
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	20





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

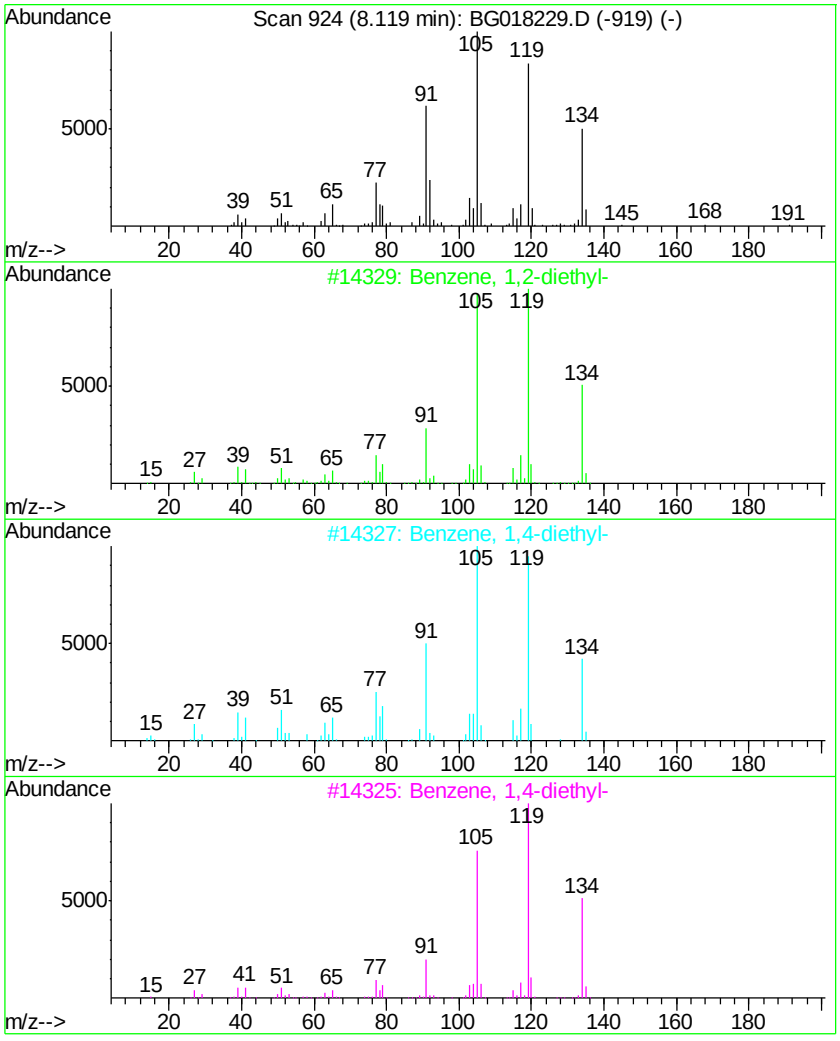
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

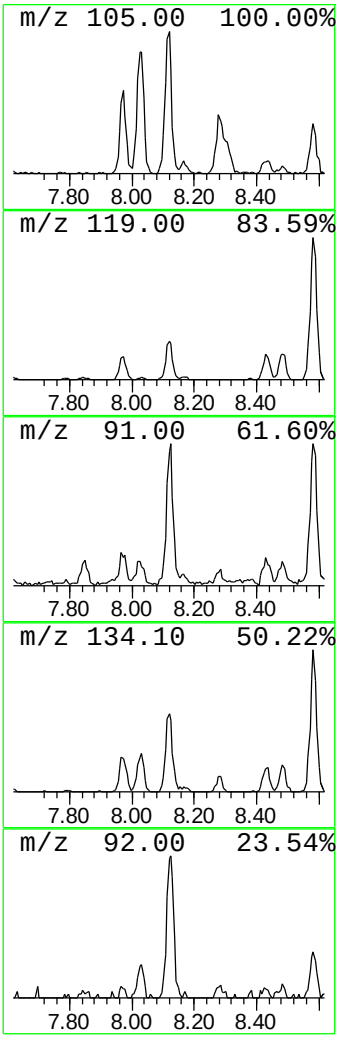
****

Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	7.48 ng/ul	228226	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

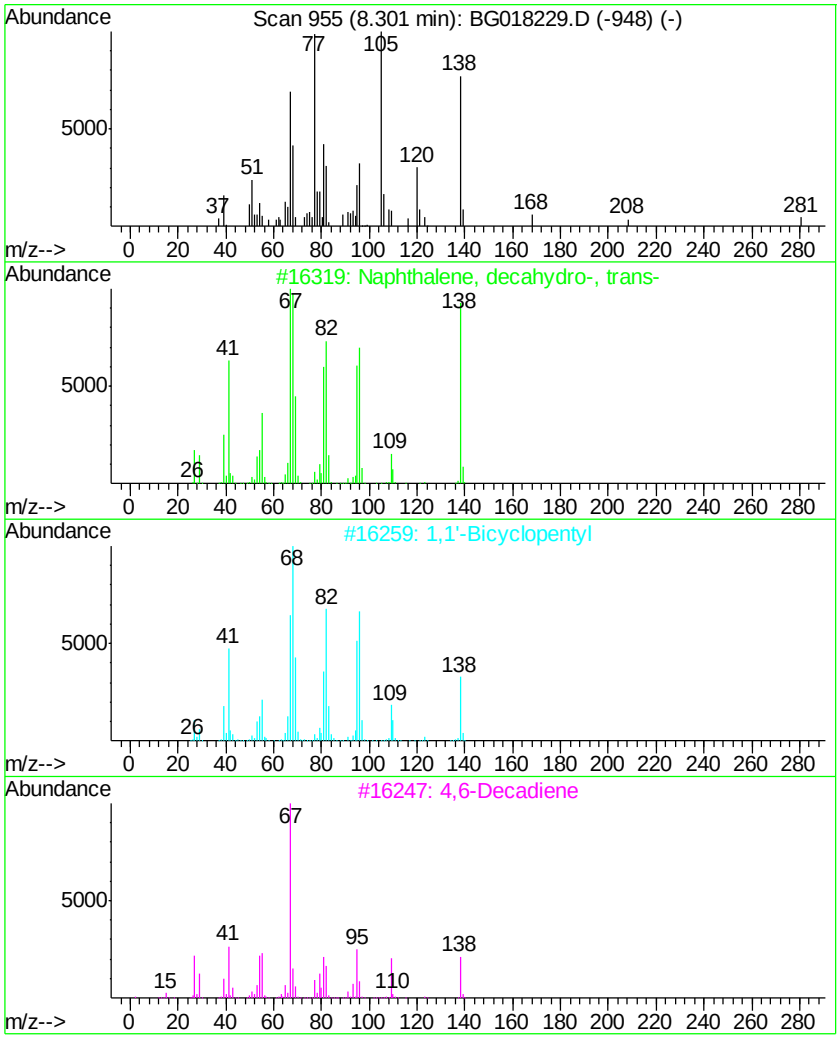
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

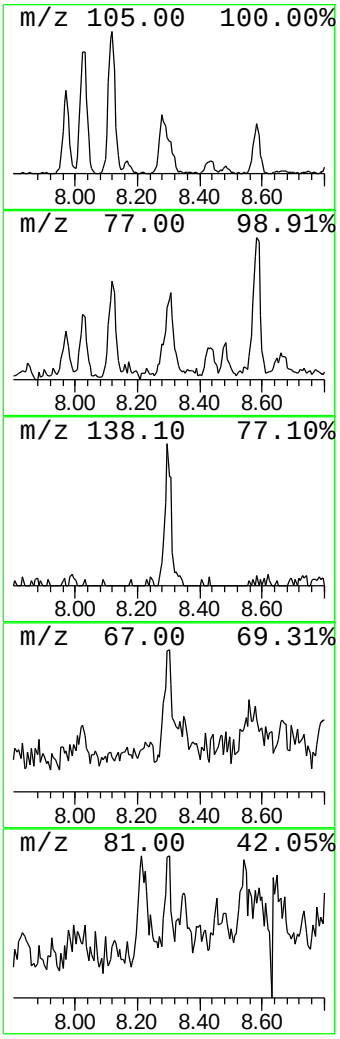
****

Peak Number 10 Naphthalene, decahydro-, tr... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	3.55 ng/ul	108405	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	70
2	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	50
3	4,6-Decadiene	138	C10H18	055682-65-0	35
4	Cyclopentene, 1-pentyl-	138	C10H18	004291-98-9	27
5	Trichloroacetic acid, dodec-9-yn...	326	C14H21Cl3O2	1000282-92-3	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

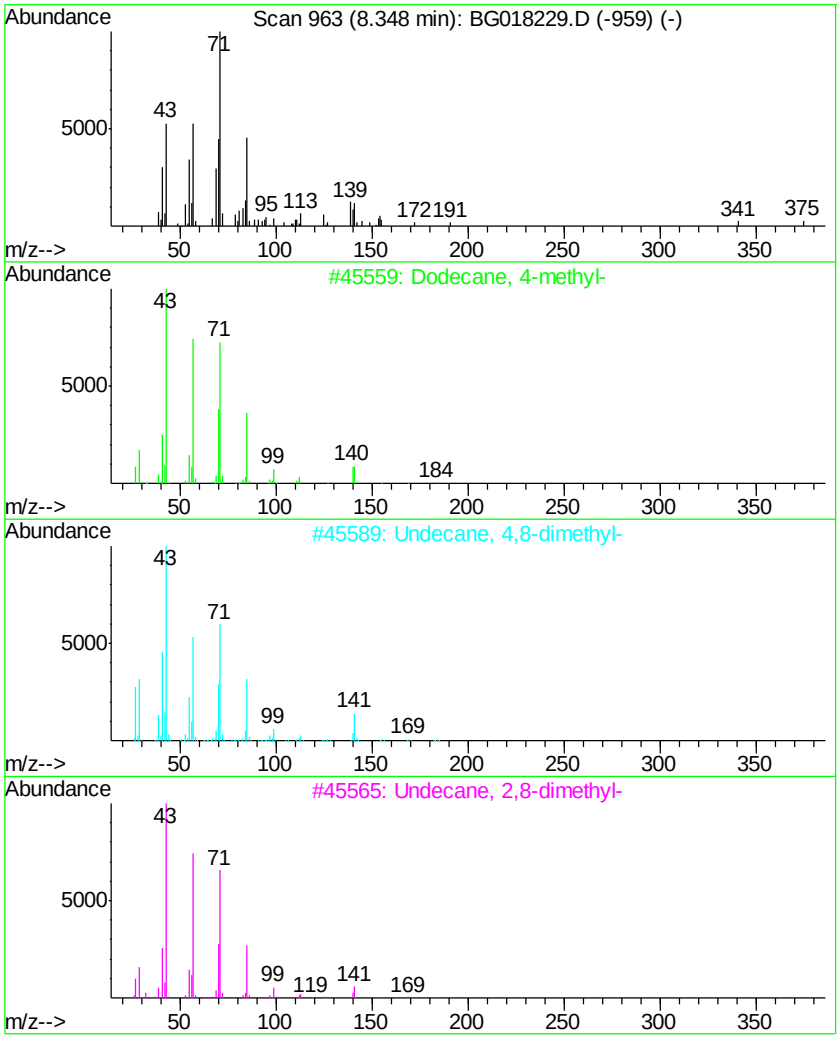
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

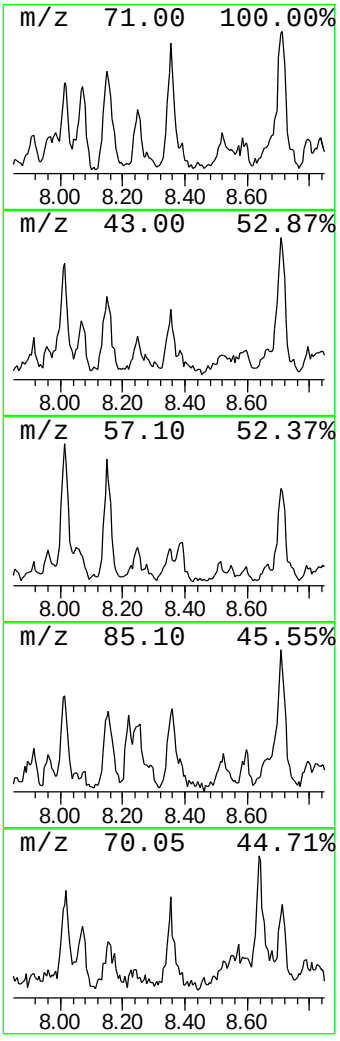
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	2.85 ng/ul	86993	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	56
2	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	56
3	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	56
4	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	56
5	Decane, 4-methyl-	156	C11H24	002847-72-5	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

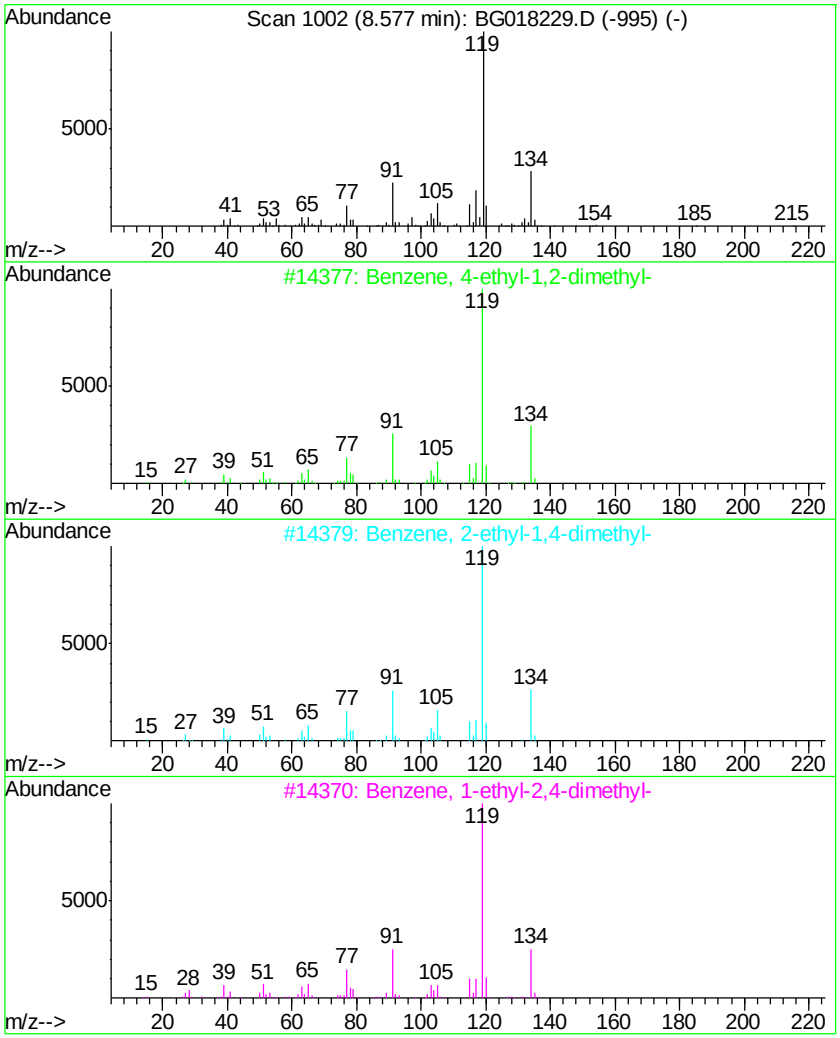
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

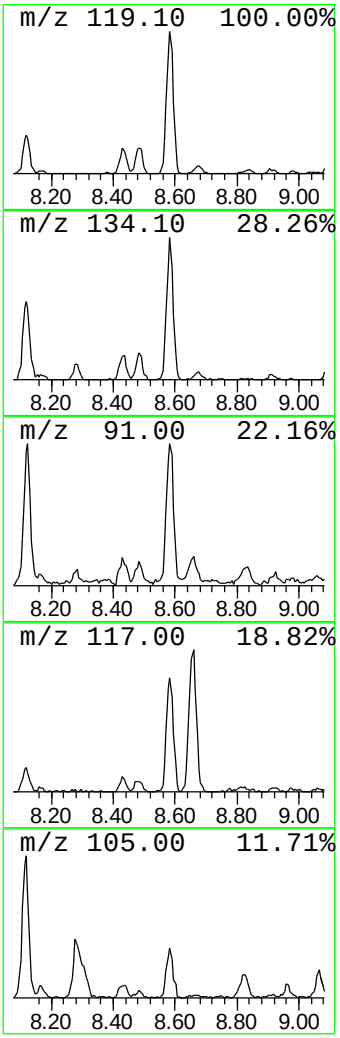
****

Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	13.60 ng/ul	415219	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

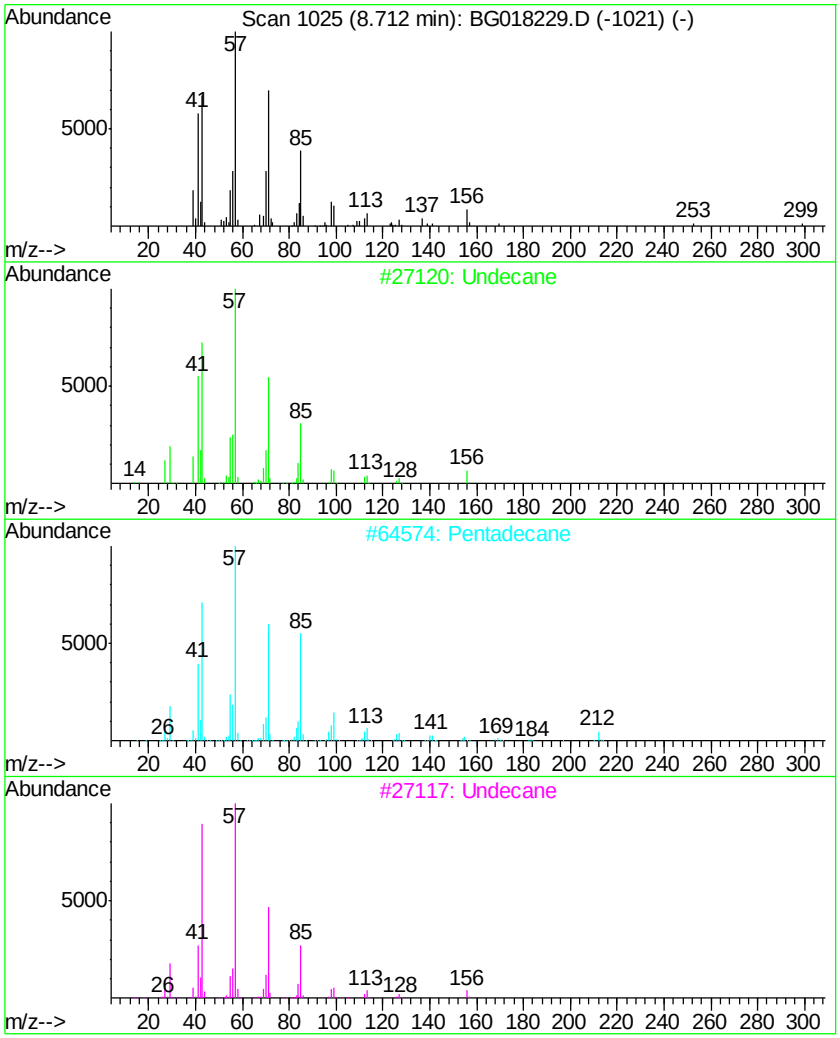
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

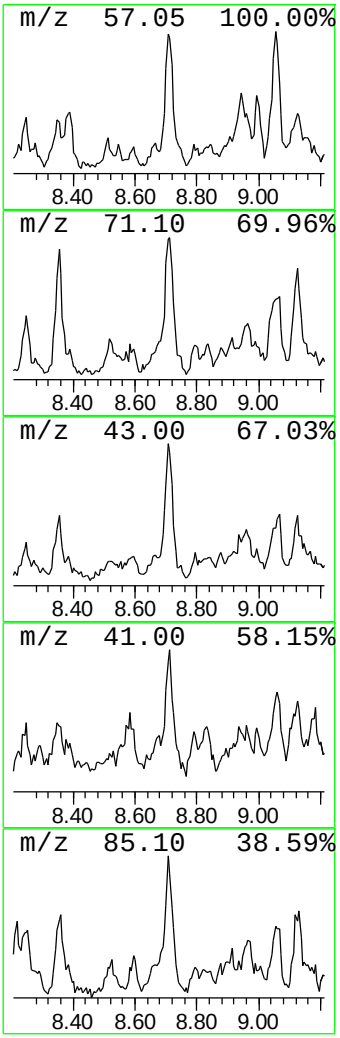
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	6.08 ng/ul	185707	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	80
2	Pentadecane	212	C15H32	000629-62-9	72
3	Undecane	156	C11H24	001120-21-4	64
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

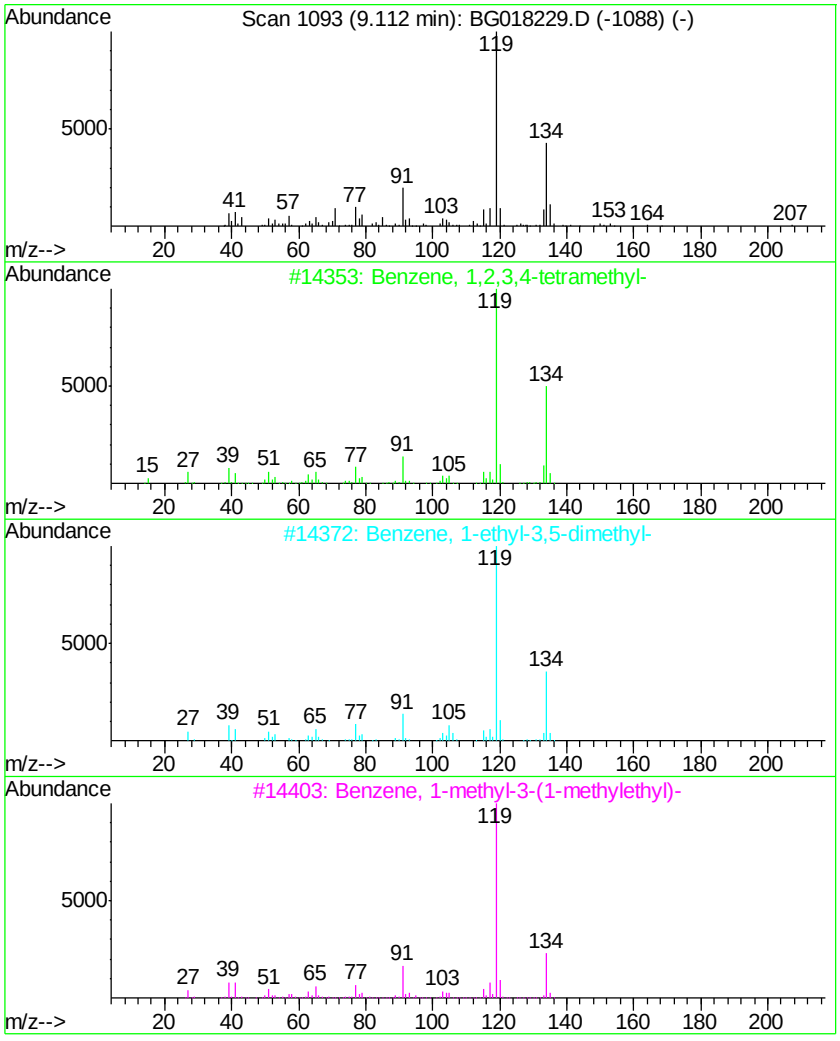
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

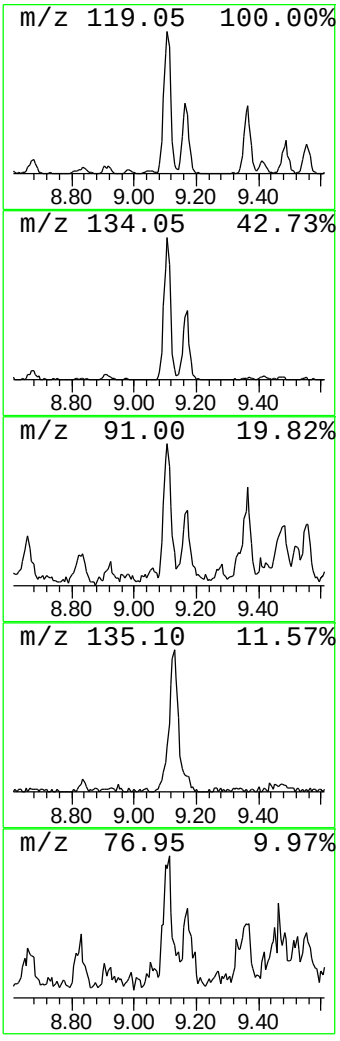
****

Peak Number 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	5.76 ng/ul	304787	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

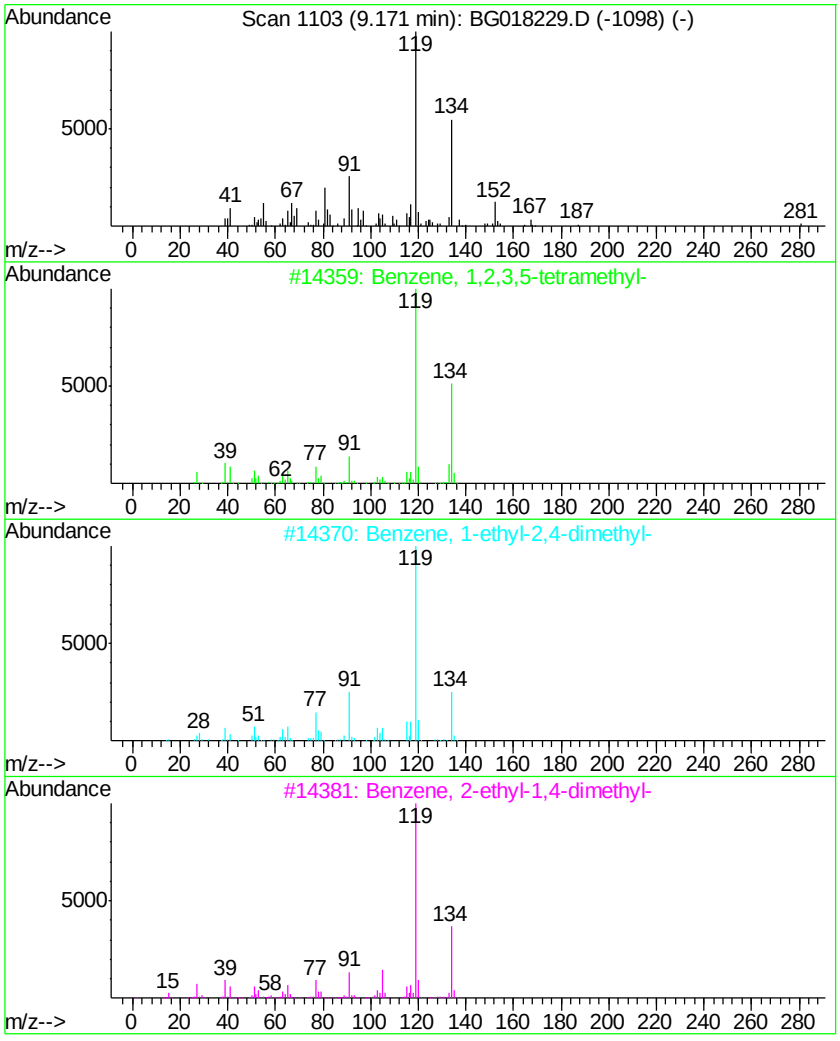
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

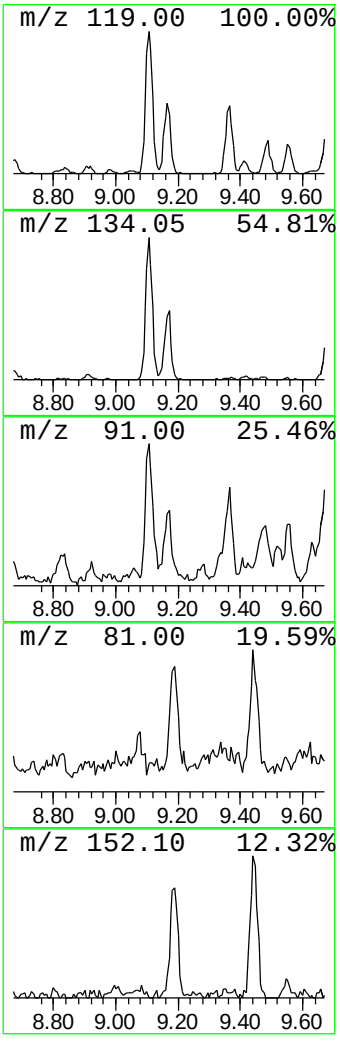
****

Peak Number 17 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	4.11 ng/ul	217664	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	68
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	64
5	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

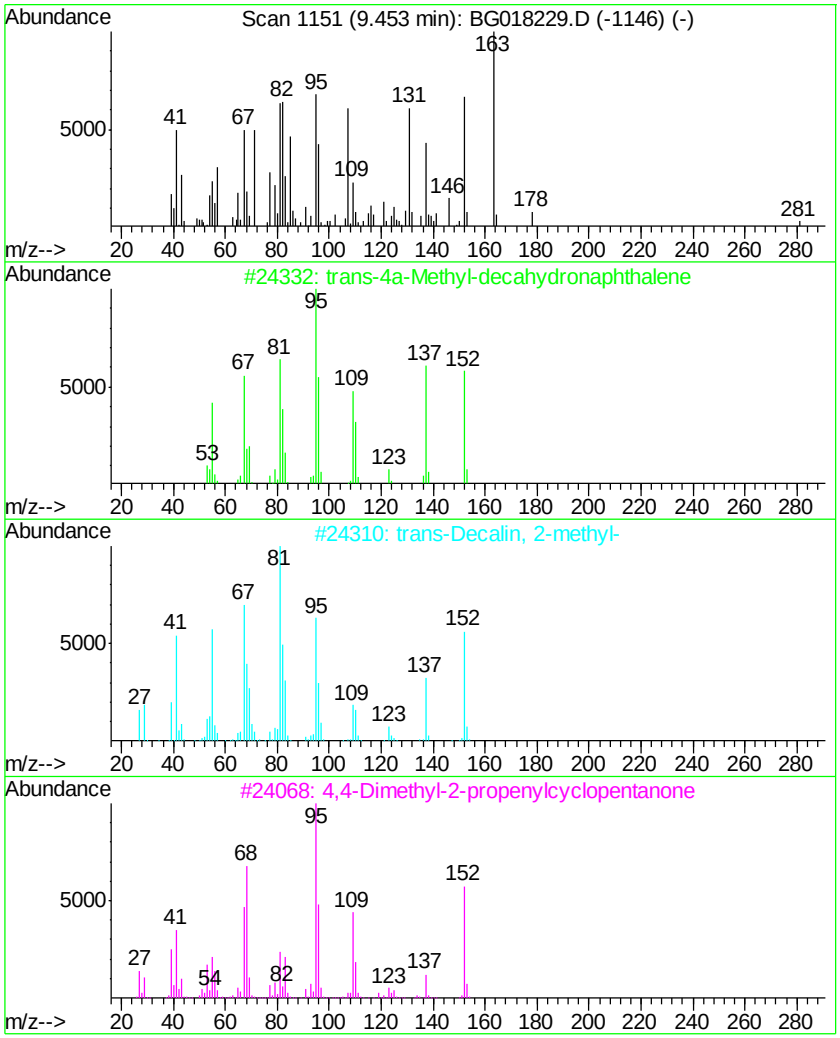
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

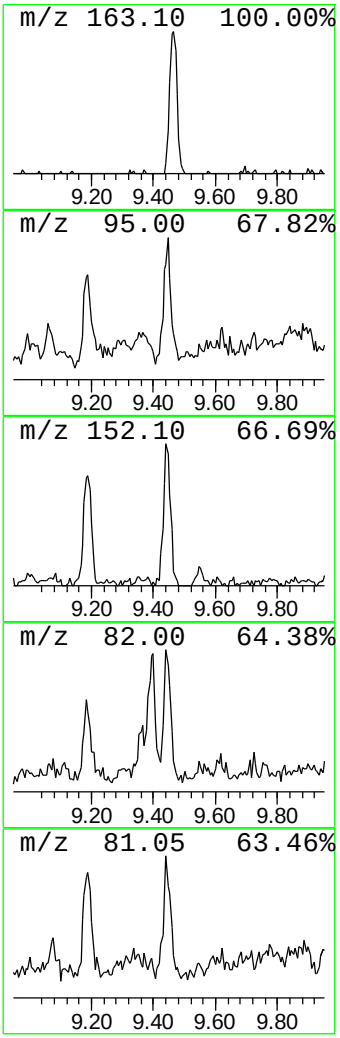
****

Peak Number 18 trans-4a-Methyl-decahydrona... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	3.31 ng/ul	175174	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	90
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	72
3	4,4-Dimethyl-2-propenylcyclopent...	152	C10H16O	068261-88-1	70
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

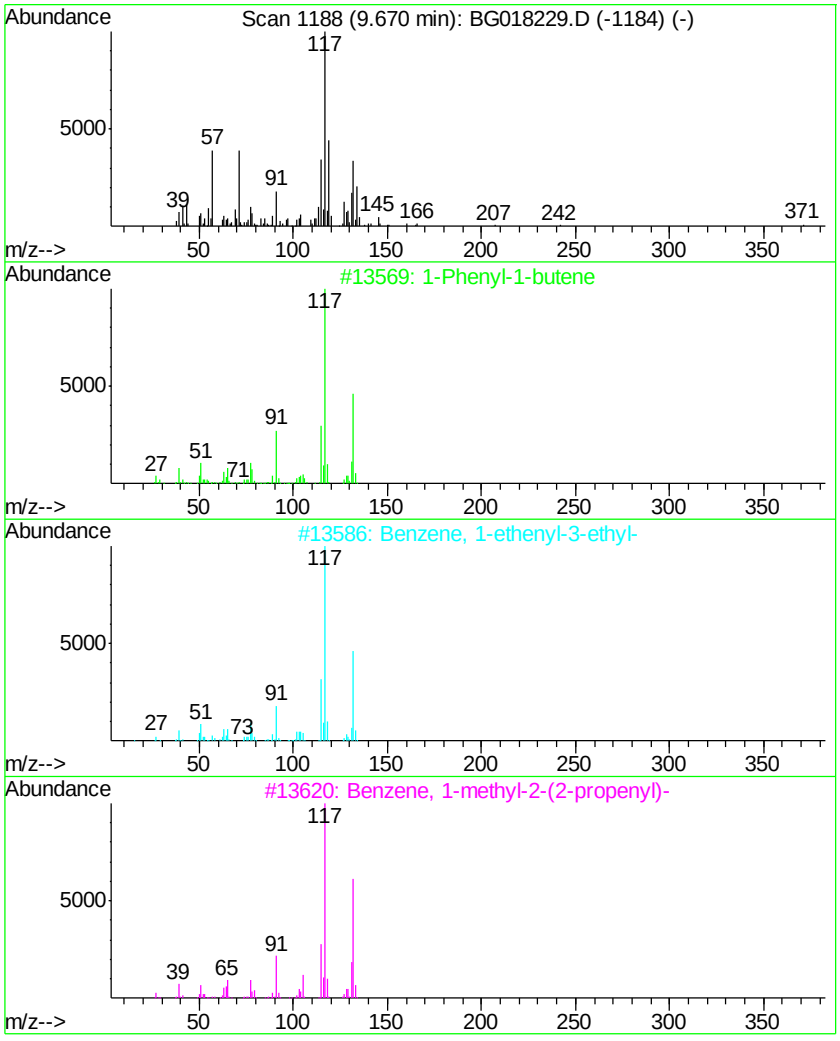
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

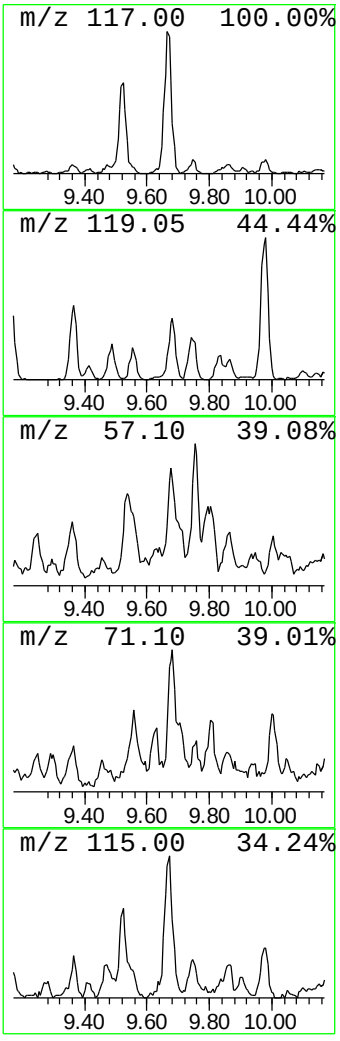
****

Peak Number 19 1-Phenyl-1-butene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	4.66 ng/ul	246647	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	50
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	50
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

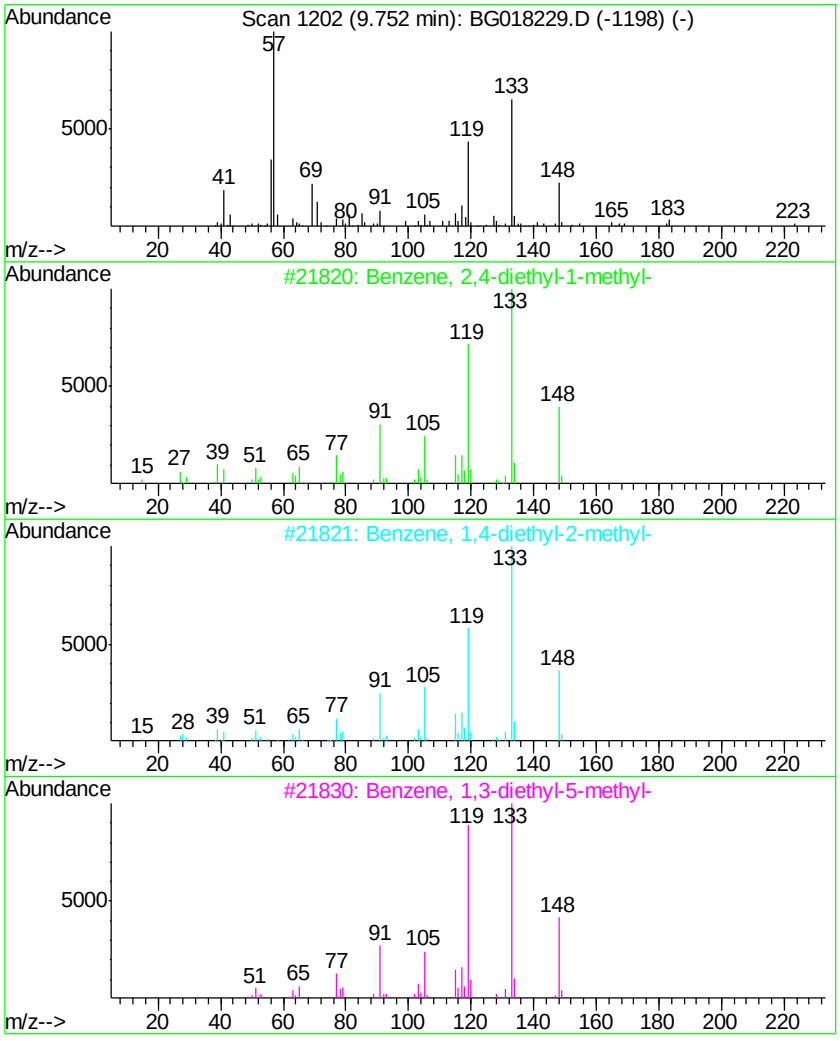
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

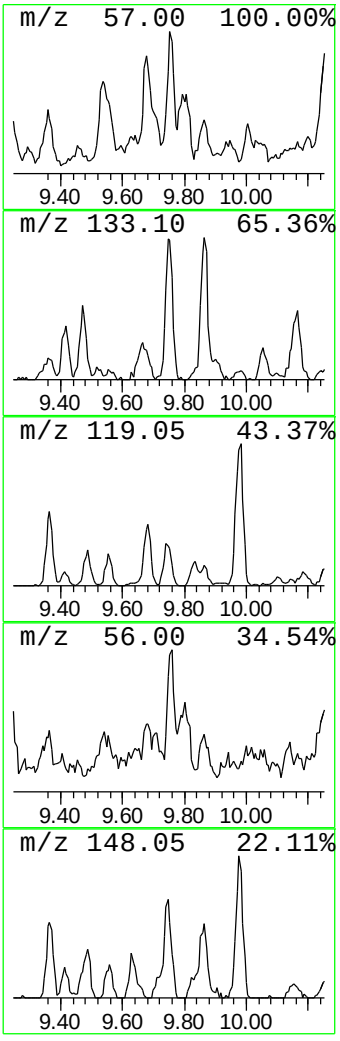
****

Peak Number 20 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	2.79 ng/ul	147419	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	90
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	81
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	52
4	3-Isopropylbenzaldehyde	148	C10H12O	034246-57-6	46
5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

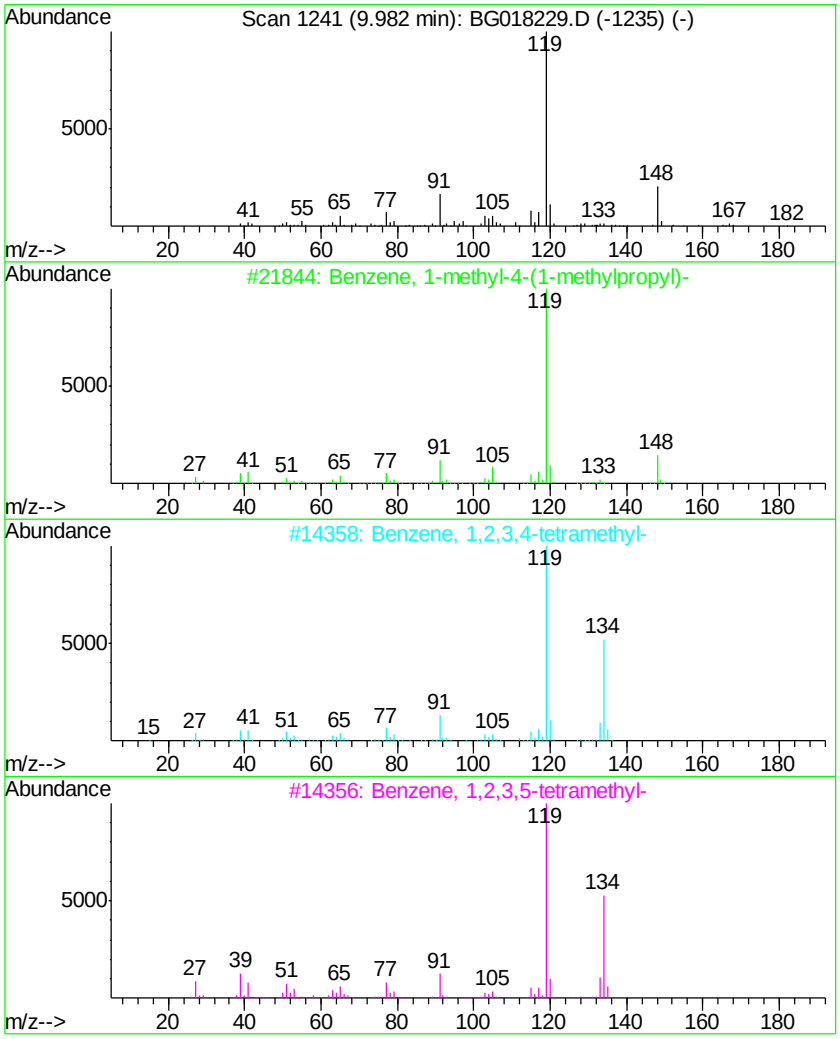
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

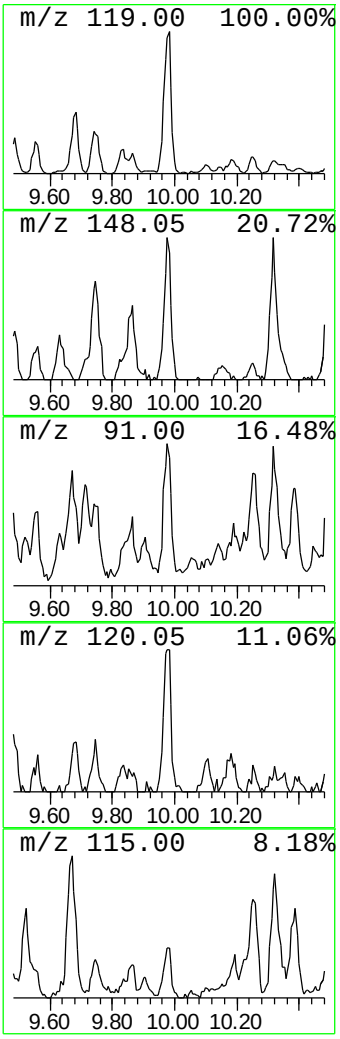
****

Peak Number 21 Benzene, 1-methyl-4-(1-meth... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	4.58 ng/ul	242363	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	74
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	74





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

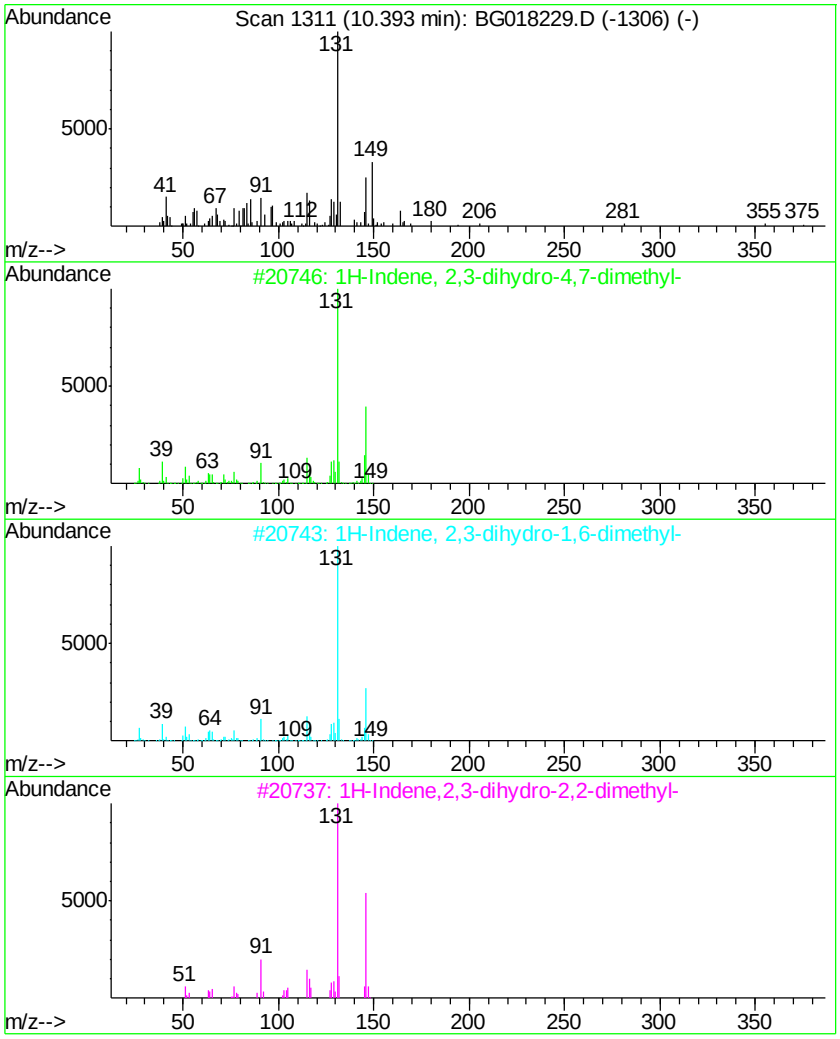
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

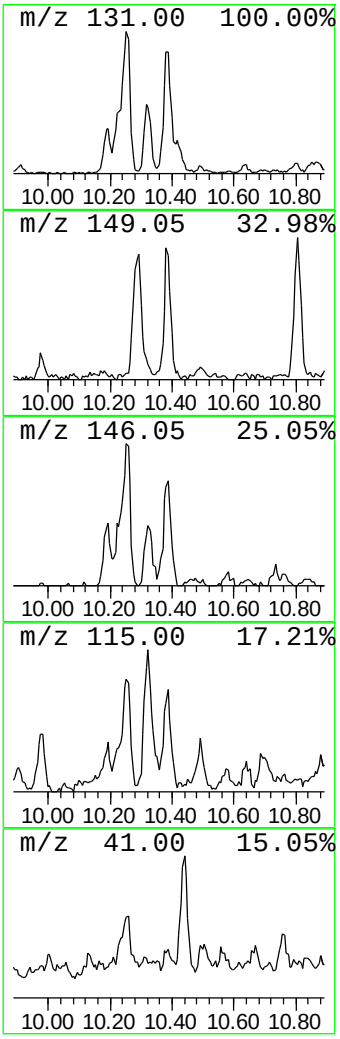
****

Peak Number 22 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	3.41 ng/ul	180216	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	87
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

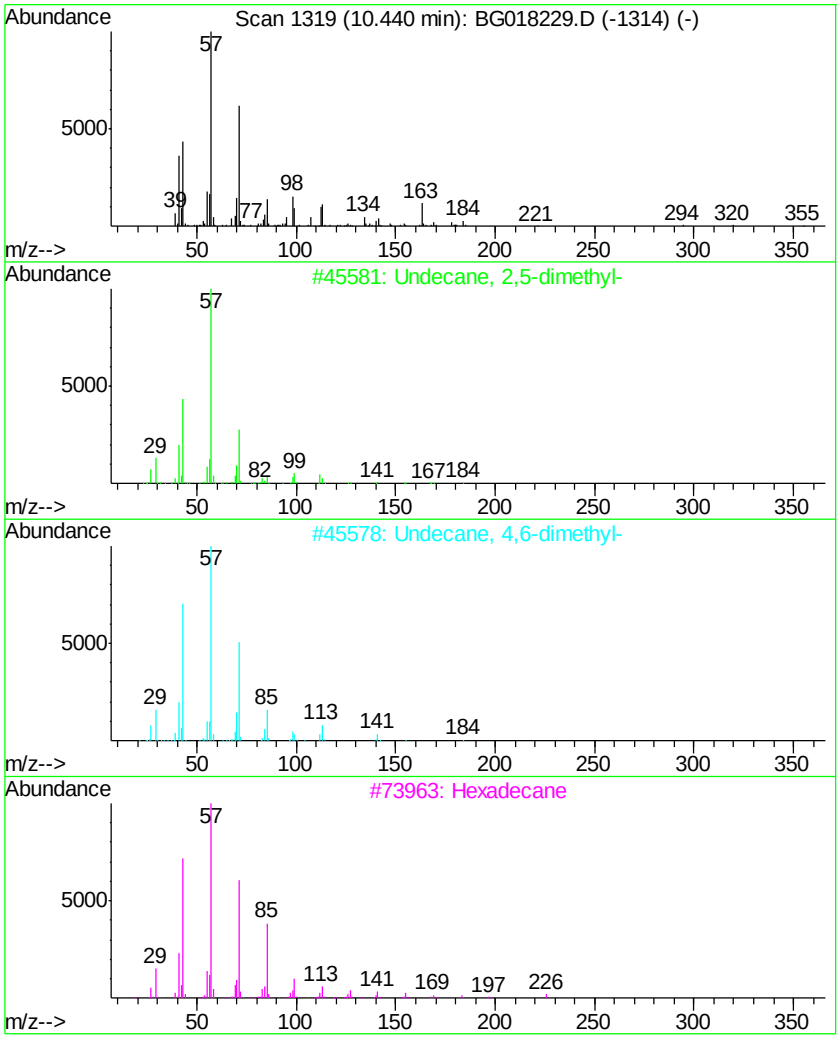
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

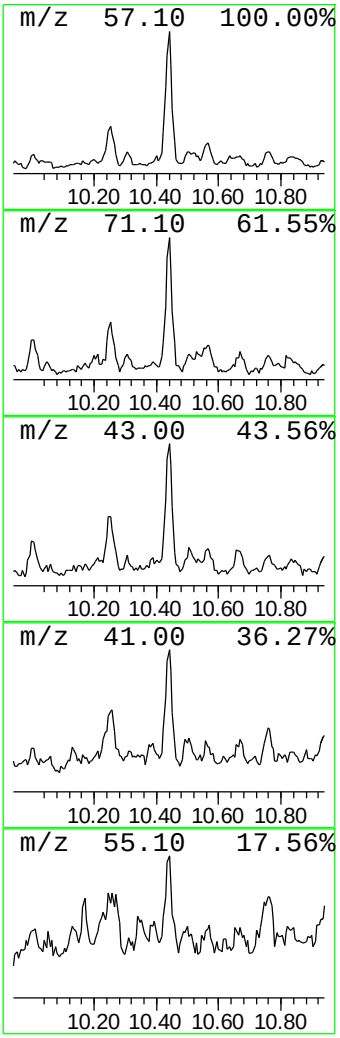
****

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	5.79 ng/ul	306369	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	62
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
3	Hexadecane	226	C16H34	000544-76-3	53
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	52
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

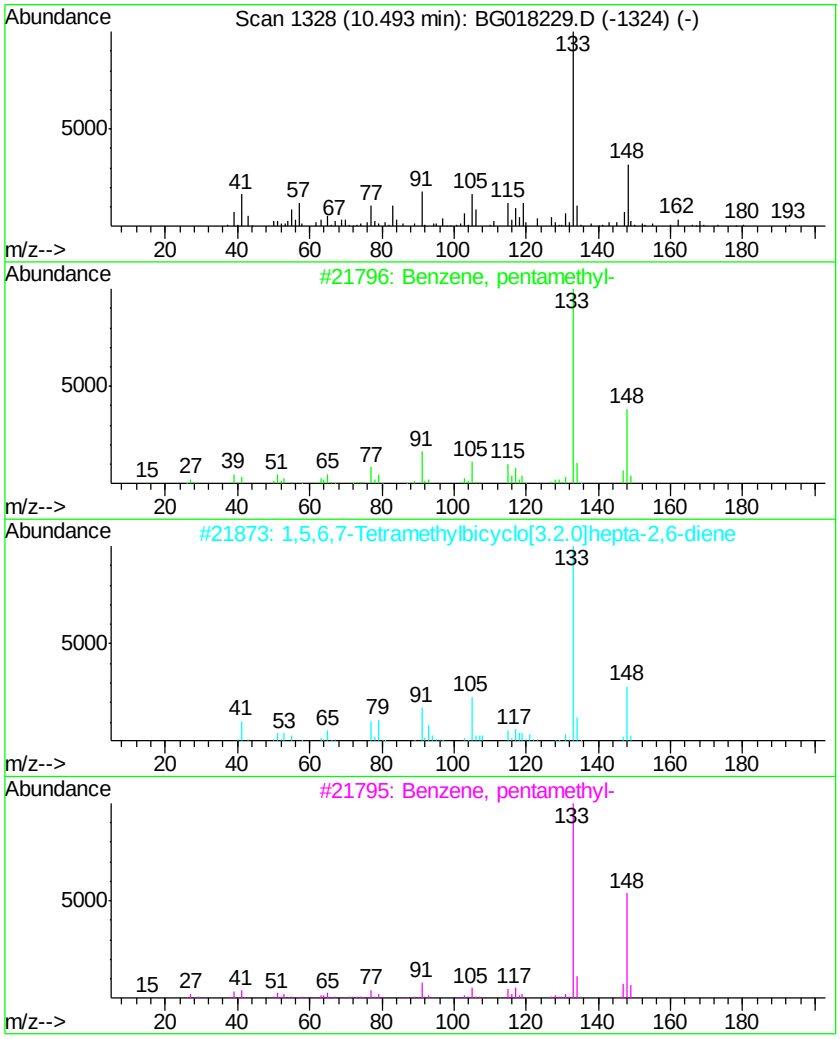
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

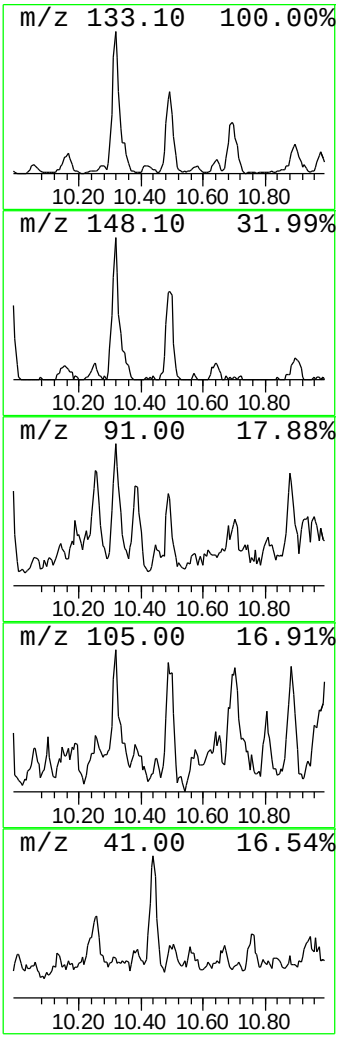
****

Peak Number 24 Benzene, pentamethyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	2.99 ng/ul	158436	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
2	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	87
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	83
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	83
5	2-tert-Butyltoluene	148	C11H16	001074-92-6	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

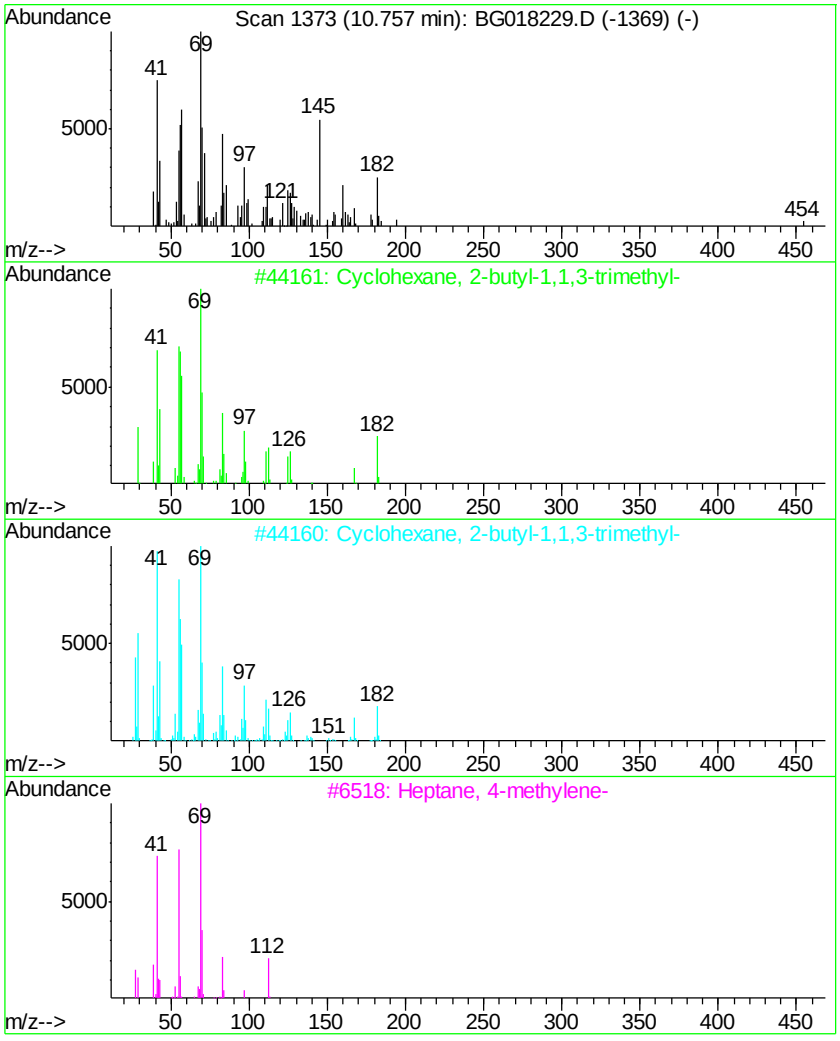
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

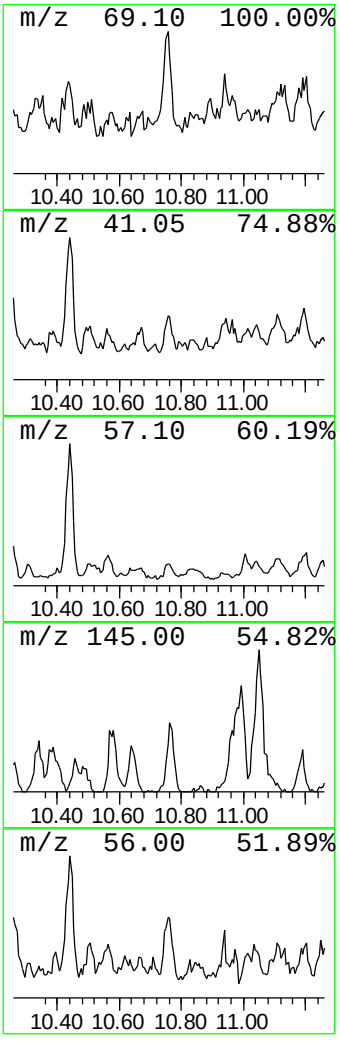
****

Peak Number 25 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	2.11 ng/ul	111827	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	89
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	83
3	Heptane, 4-methylene-	112	C8H16	015918-08-8	43
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	43
5	2-Decene, 6-methyl-, (Z)-	154	C11H22	074630-31-2	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

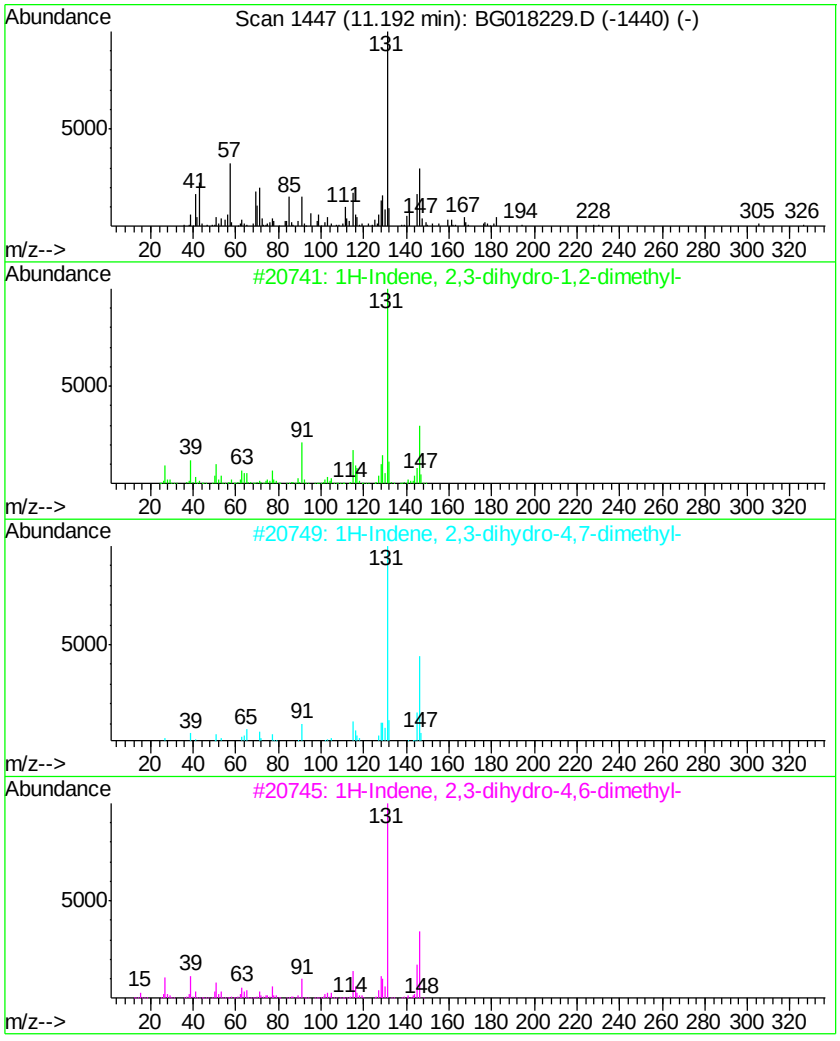
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

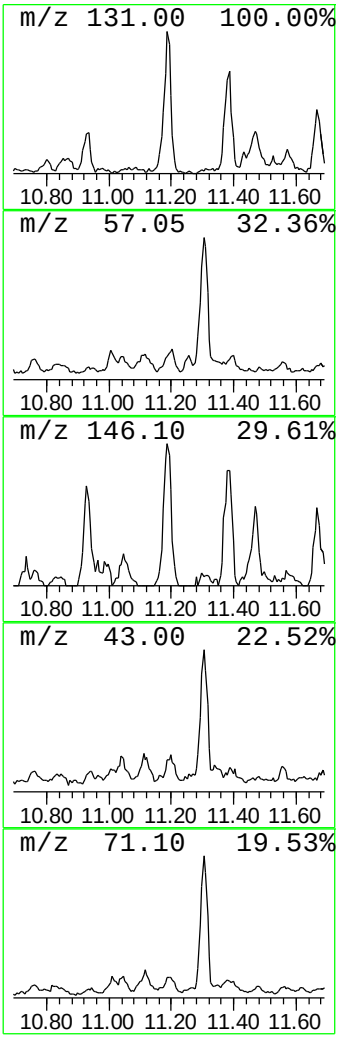
****

Peak Number 28 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	4.95 ng/ul	261703	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

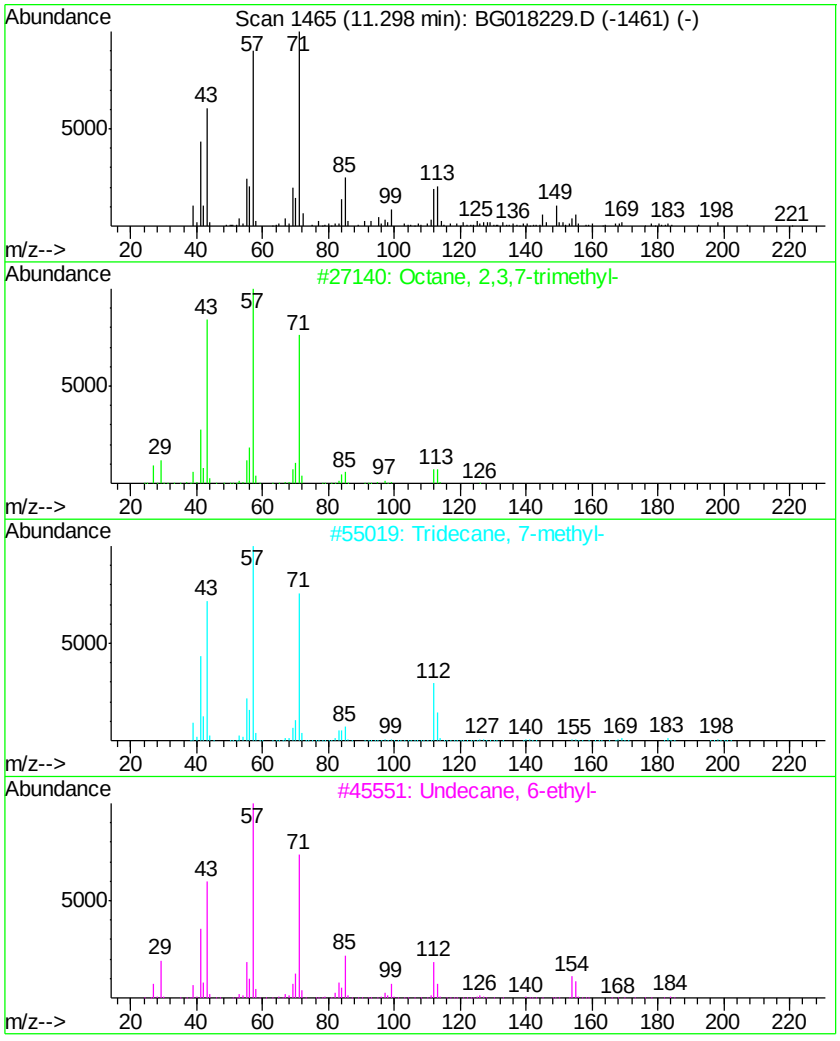
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

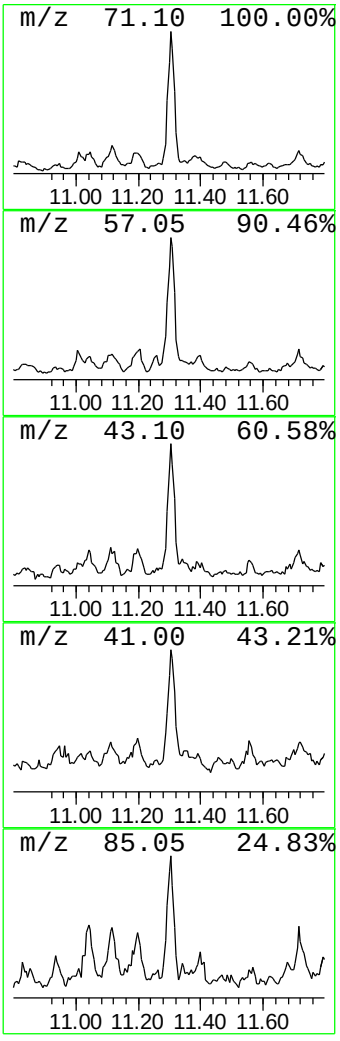
****

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	9.38 ng/ul	496309	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

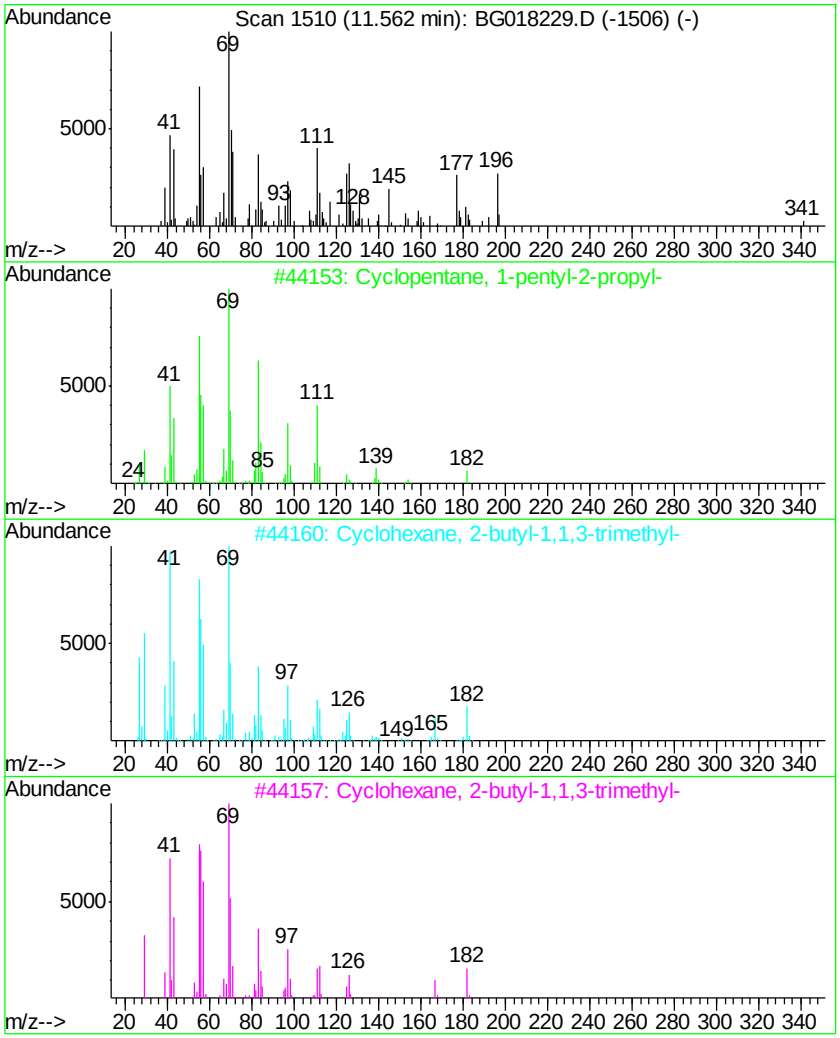
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

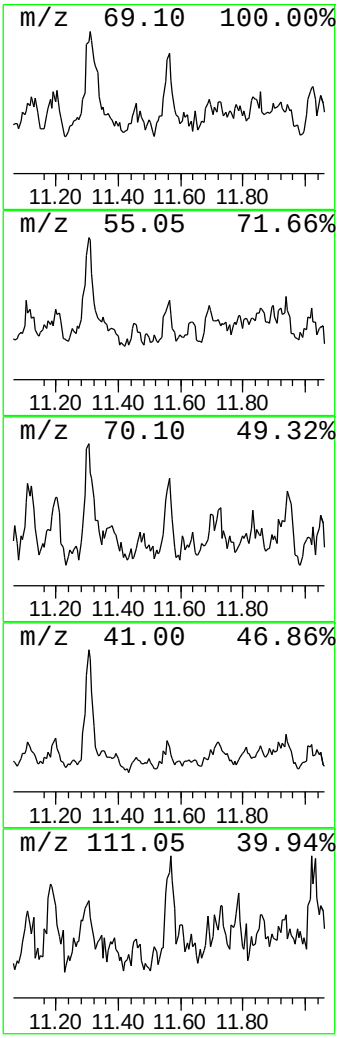
****

Peak Number 30 Cyclopentane, 1-pentyl-2-pr... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	2.08 ng/ul	110276	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	90
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	53
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	49
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	49
5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

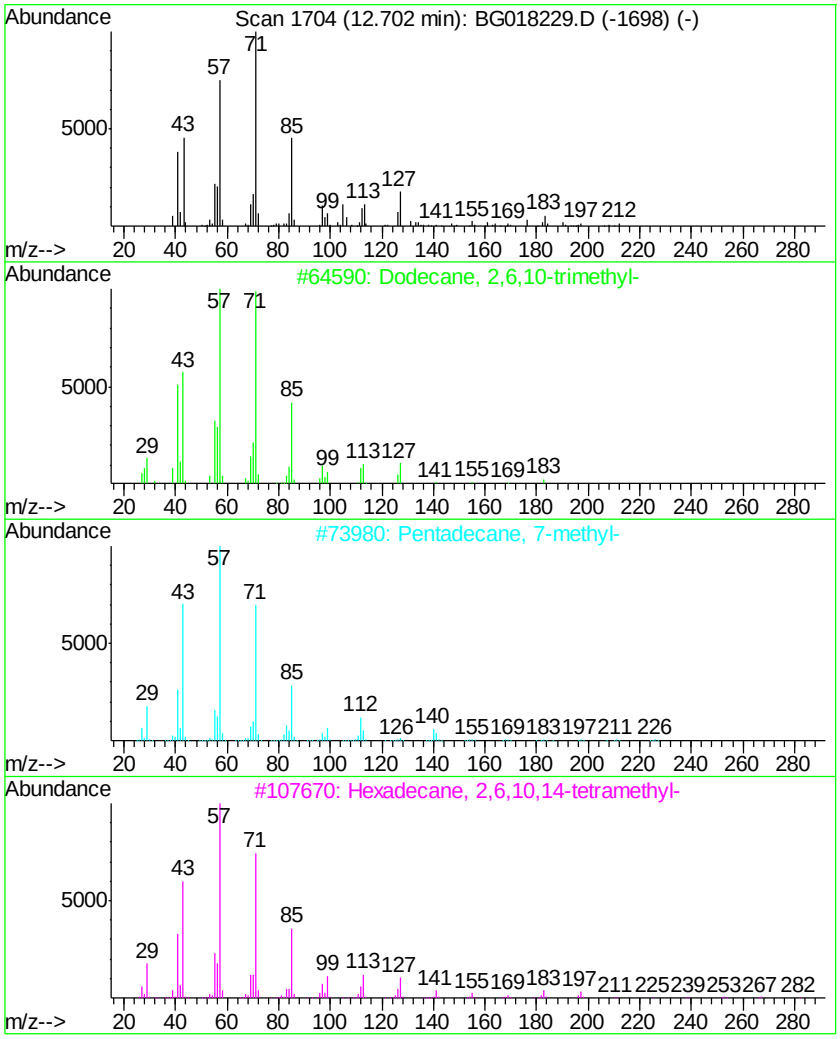
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

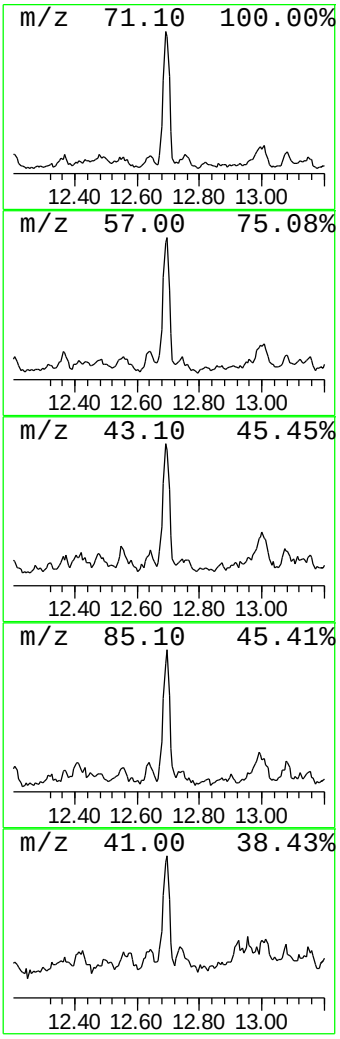
****

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	11.66 ng/ul	494516	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	60





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

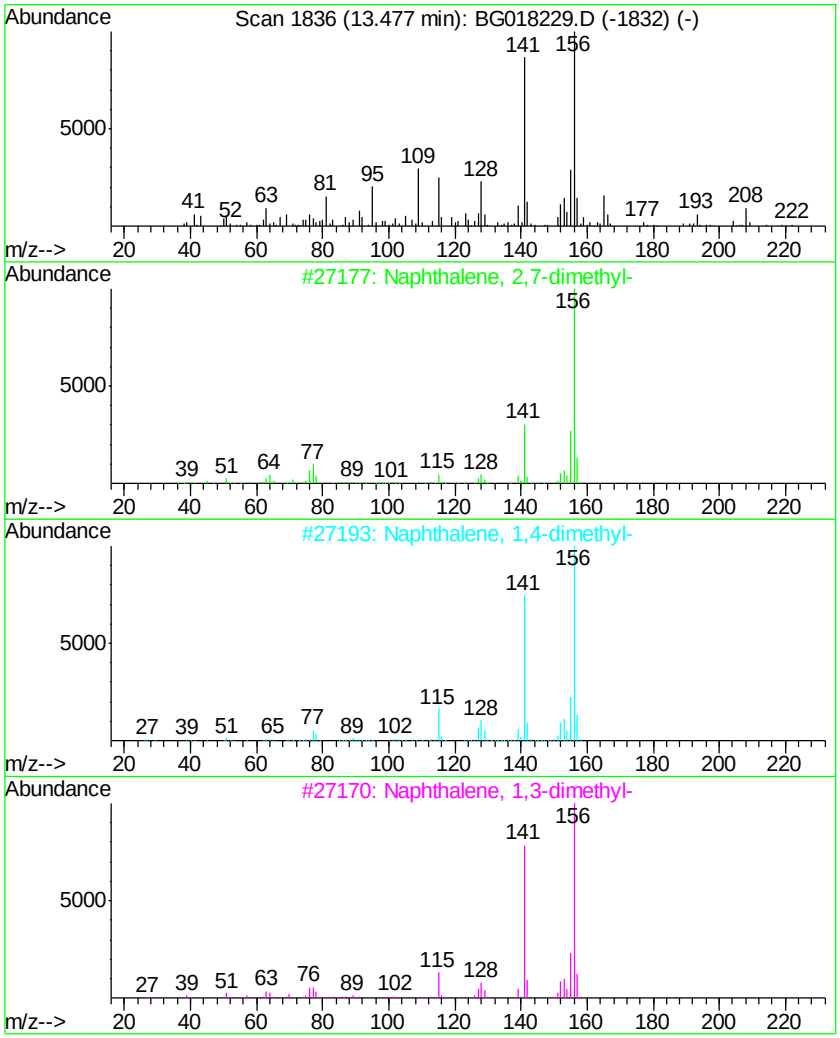
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

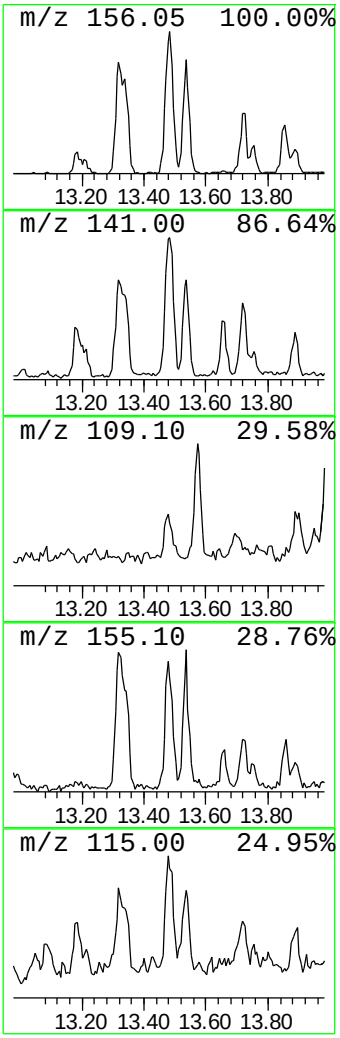
****

Peak Number 39 Naphthalene, 2,7-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	8.05 ng/ul	341334	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

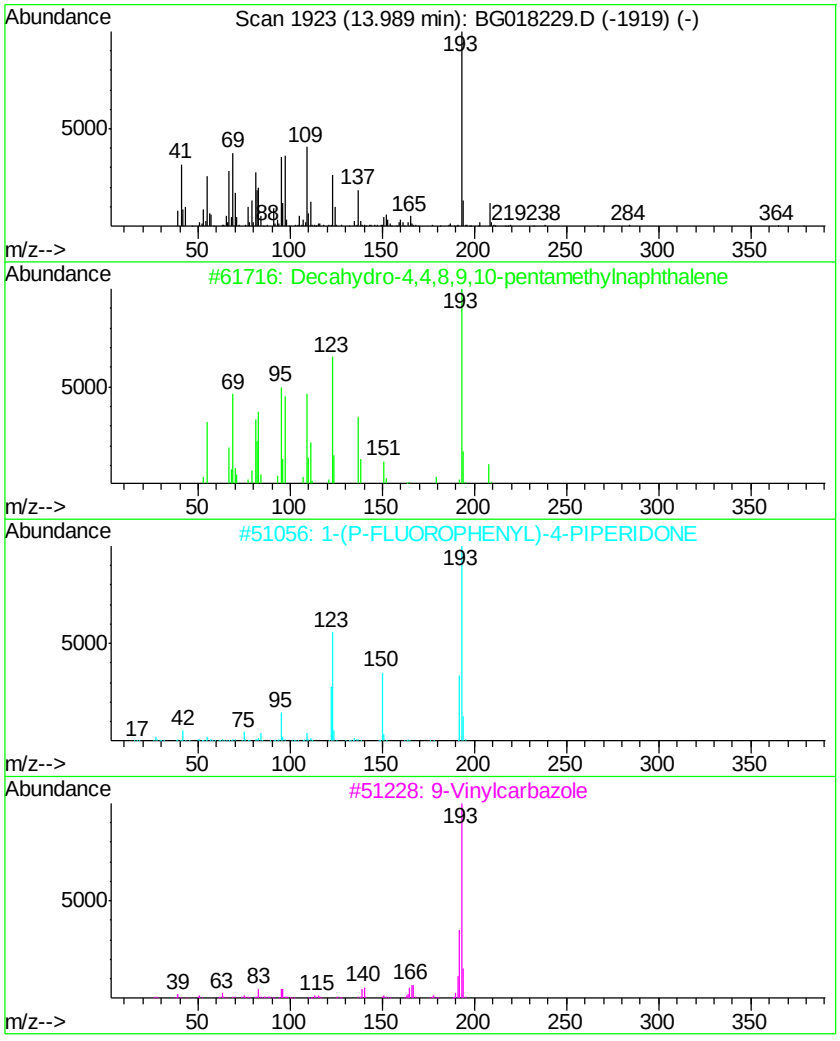
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

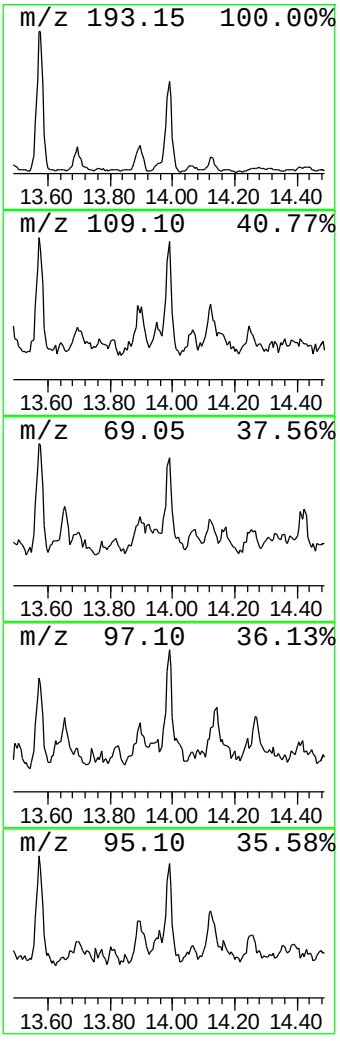
****

Peak Number 40 Decahydro-4,4,8,9,10-pentam... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	14.46 ng/ul	612893	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	53
2	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	38
3	9-Vinylcarbazole	193	C14H11N	001484-13-5	27
4	6-Methylphenanthridine	193	C14H11N	003955-65-5	27
5	Anthracene, 9,10-dihydro-9,10-di...	208	C16H16	022566-43-4	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

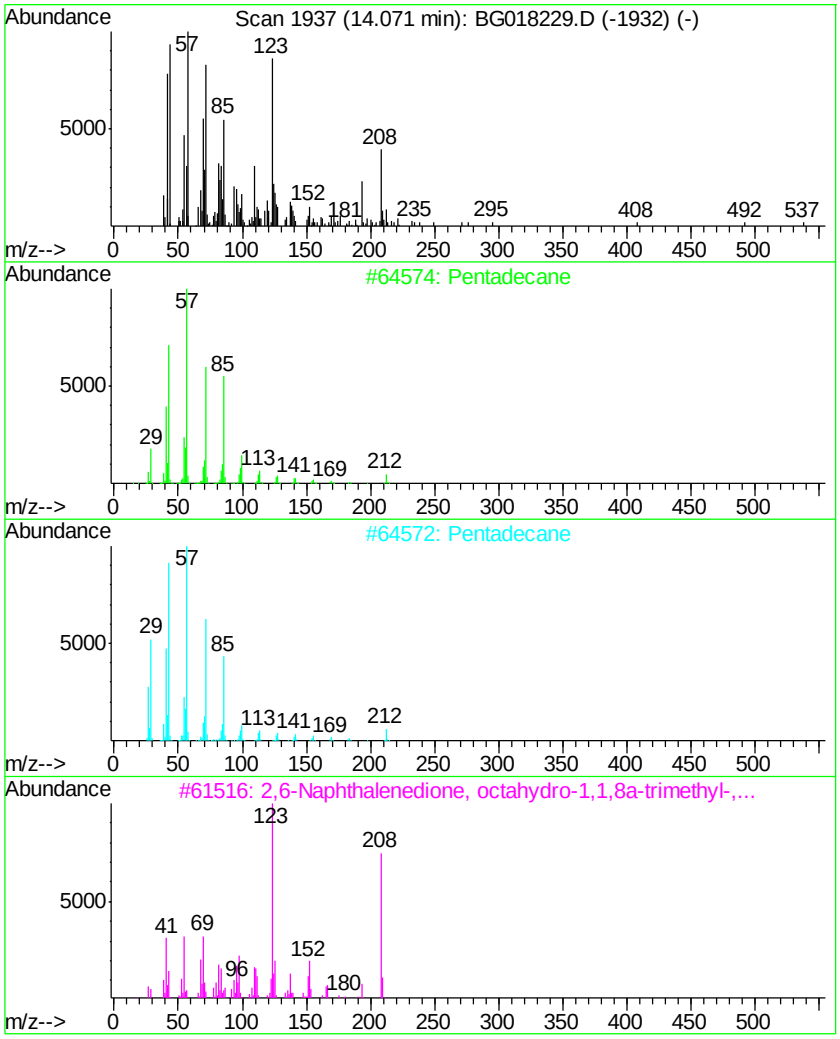
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

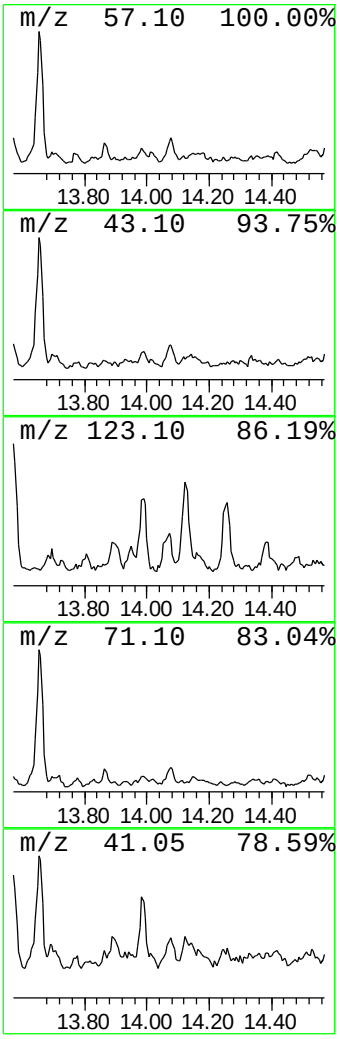
****

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	4.92 ng/ul	208776	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	55
2	Pentadecane	212	C15H32	000629-62-9	42
3	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-17-5	41
4	Pentatriacontane	493	C35H72	000630-07-9	38
5	Pentadecane	212	C15H32	000629-62-9	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

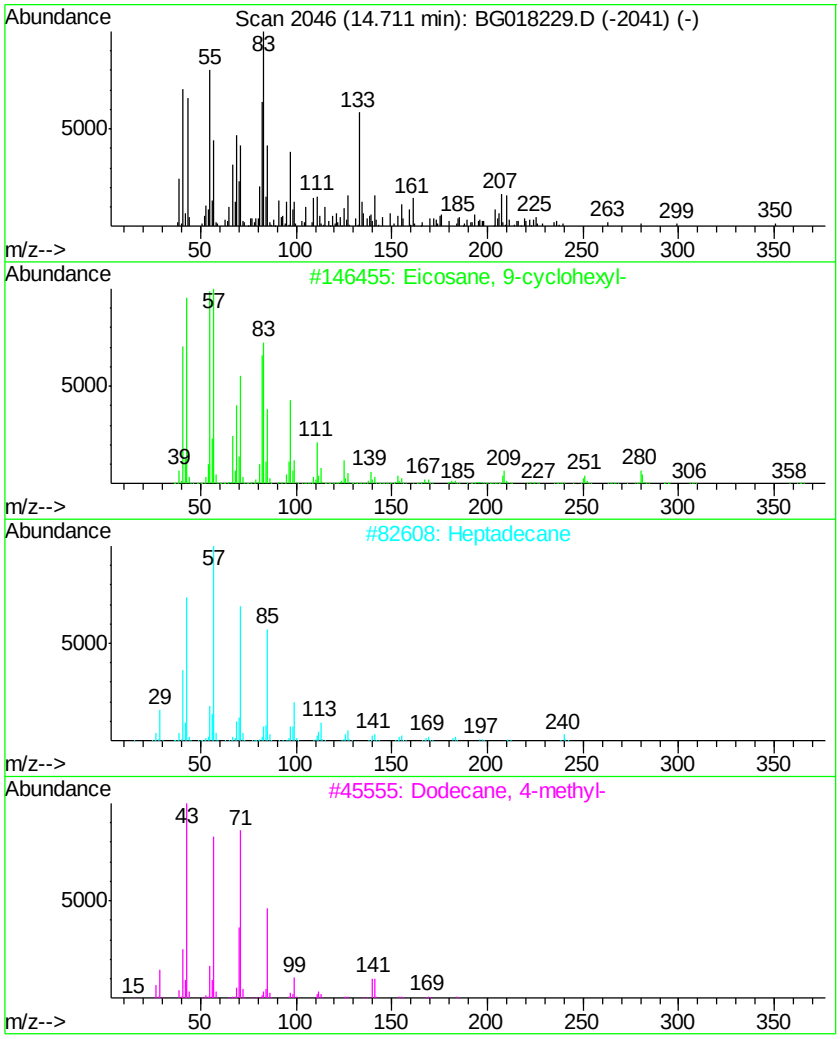
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

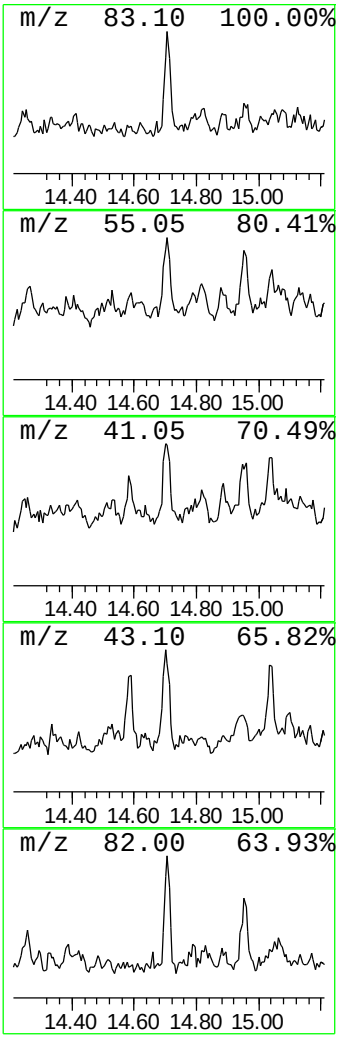
****

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	7.65 ng/ul	324524	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	72
2	Heptadecane	240	C17H36	000629-78-7	38
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	38
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	38
5	Bemegride	155	C8H13NO2	000064-65-3	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

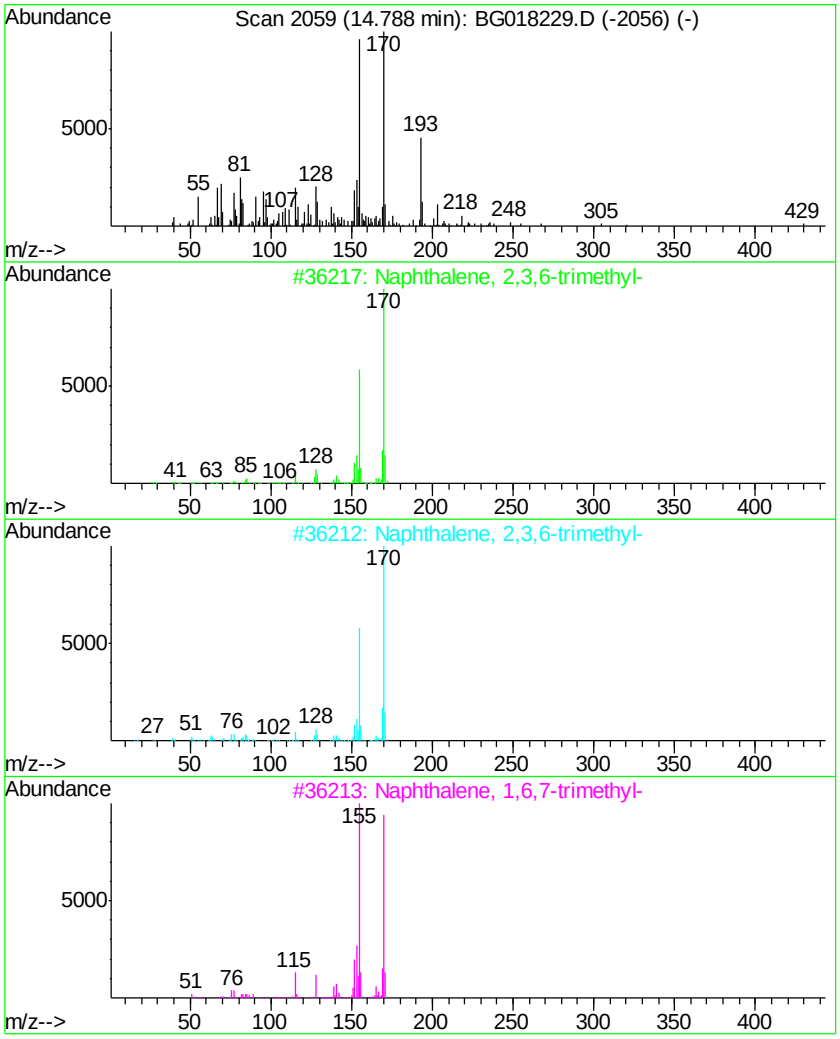
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

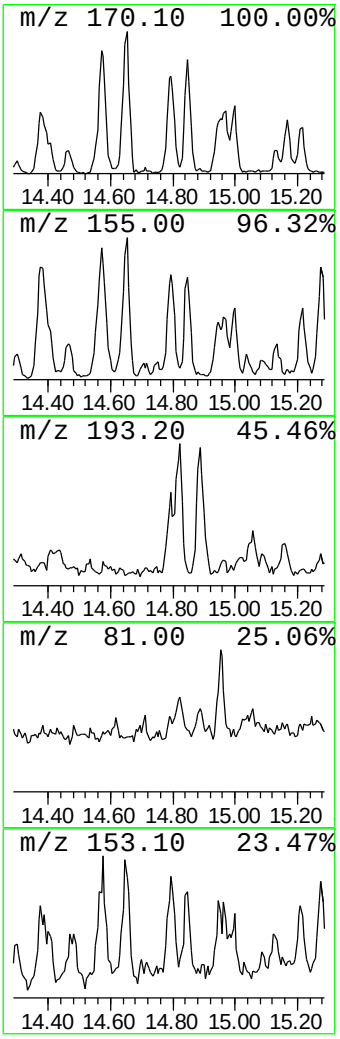
****

Peak Number 43 Naphthalene, 2,3,6-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	5.05 ng/ul	214220	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

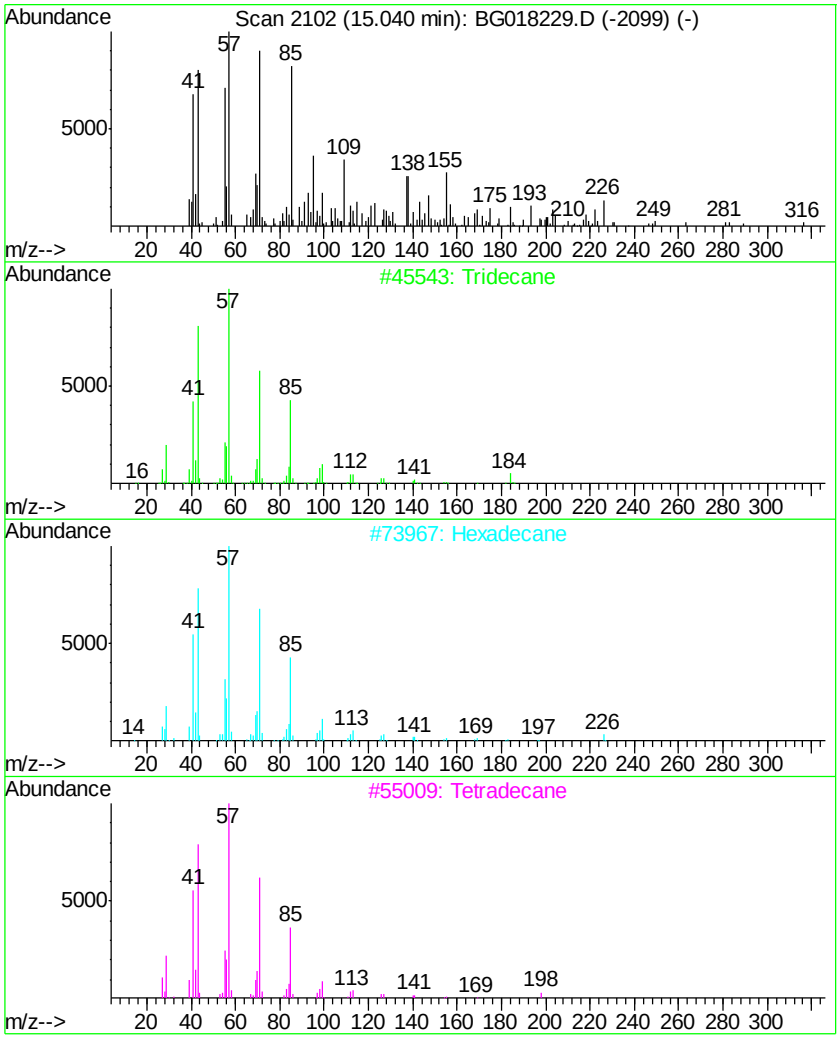
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

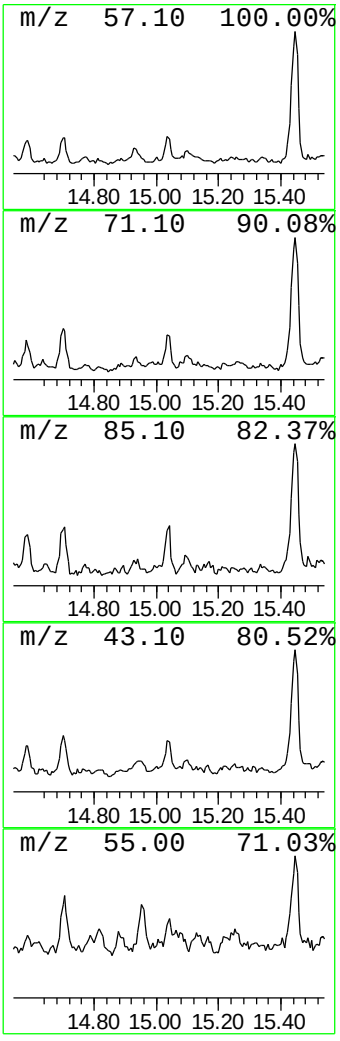
****

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	5.33 ng/ul	225989	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	49
2	Hexadecane	226	C16H34	000544-76-3	41
3	Tetradecane	198	C14H30	000629-59-4	38
4	Nonadecane	268	C19H40	000629-92-5	30
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

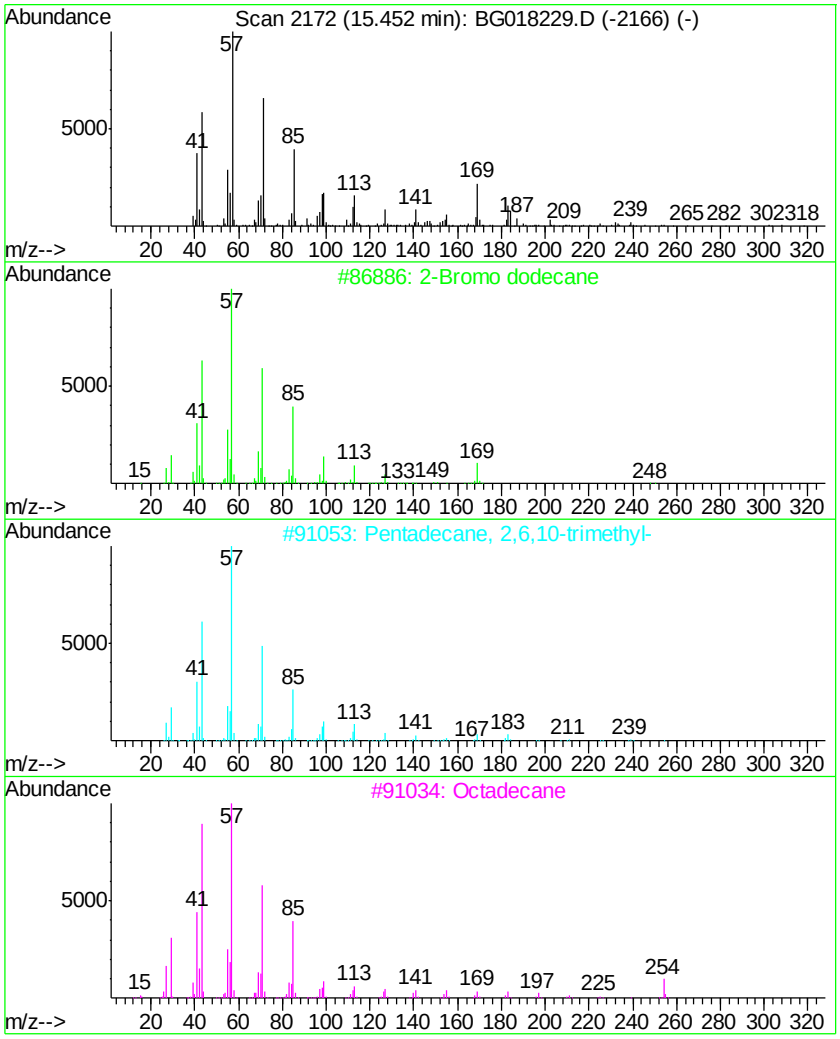
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

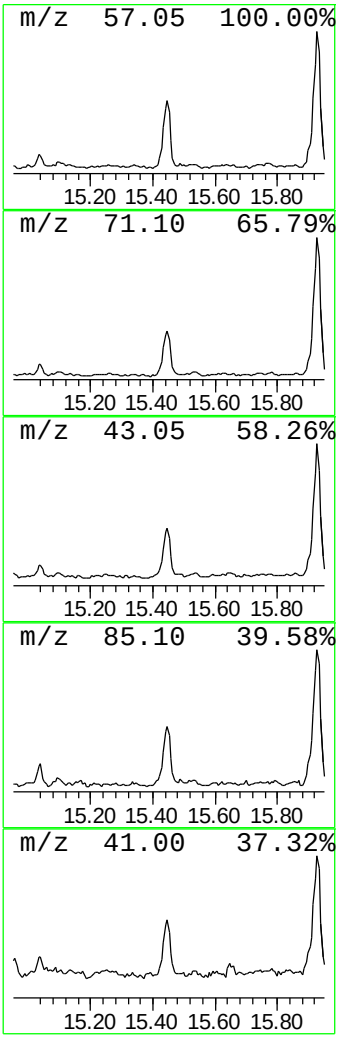
****

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	16.56 ng/ul	702242	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	92
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87
3	Octadecane	254	C18H38	000593-45-3	78
4	Tridecane	184	C13H28	000629-50-5	68
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	62





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

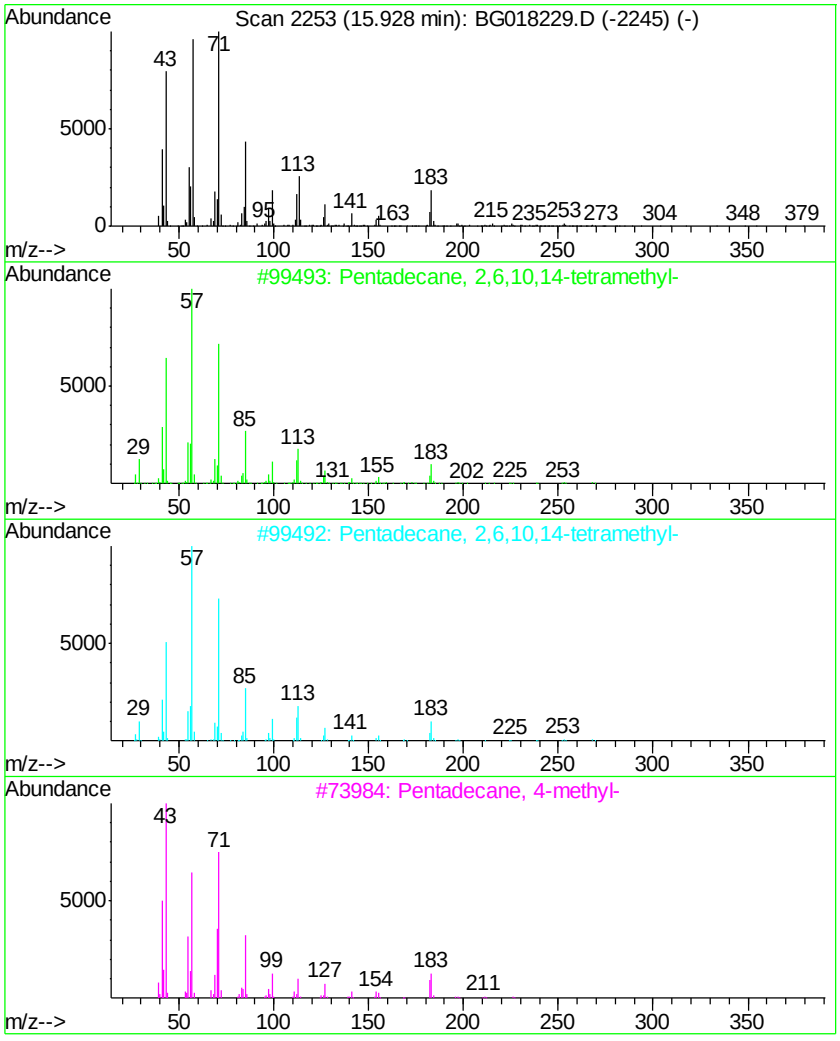
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

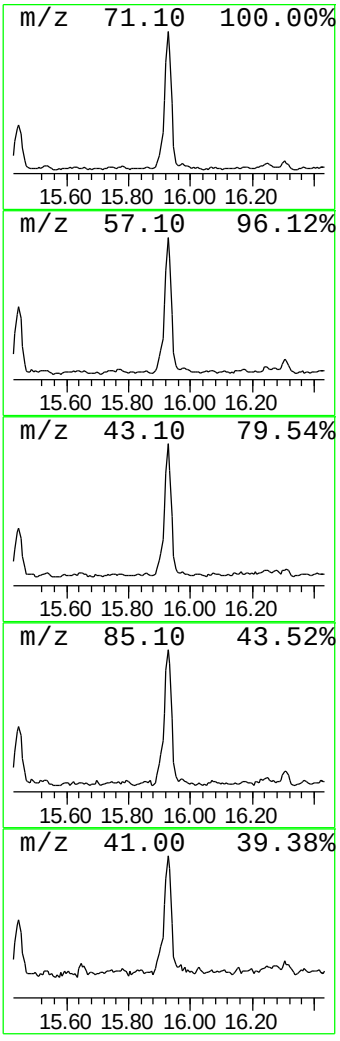
****

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	45.86 ng/ul	1803160	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	97
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	94
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	91
4	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	87
5	7-Methyl-octadecane	268	C19H40	1000192-63-3	83





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

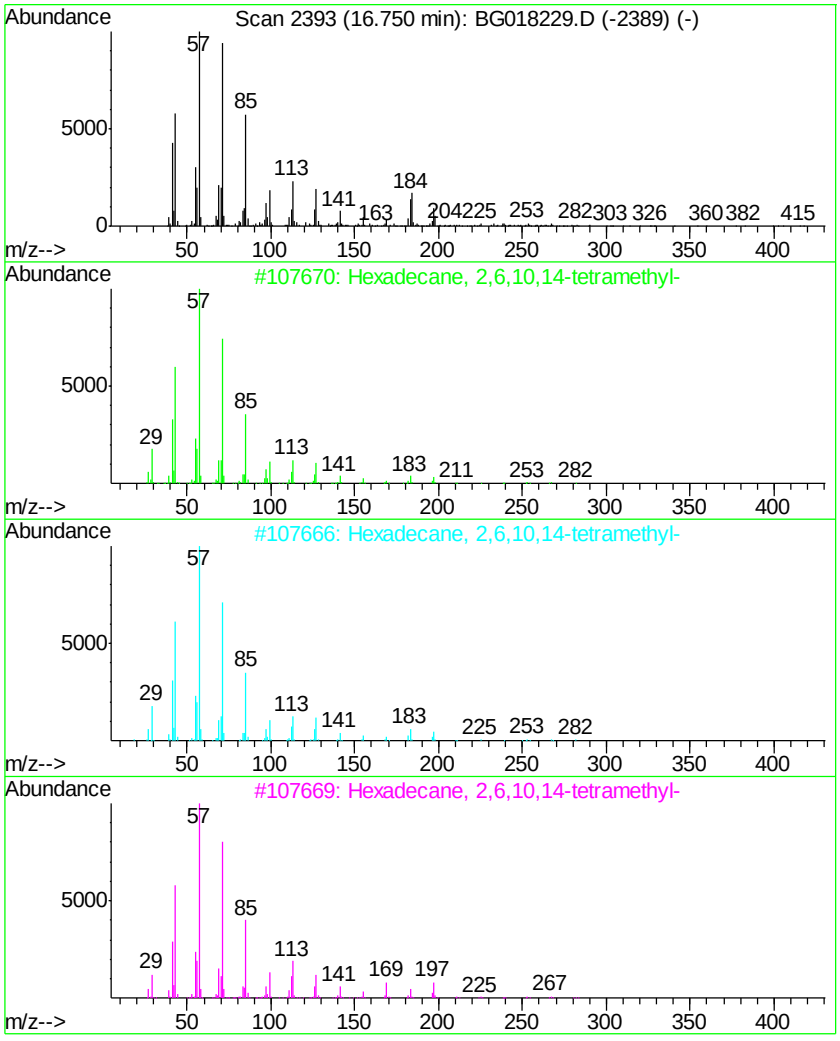
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

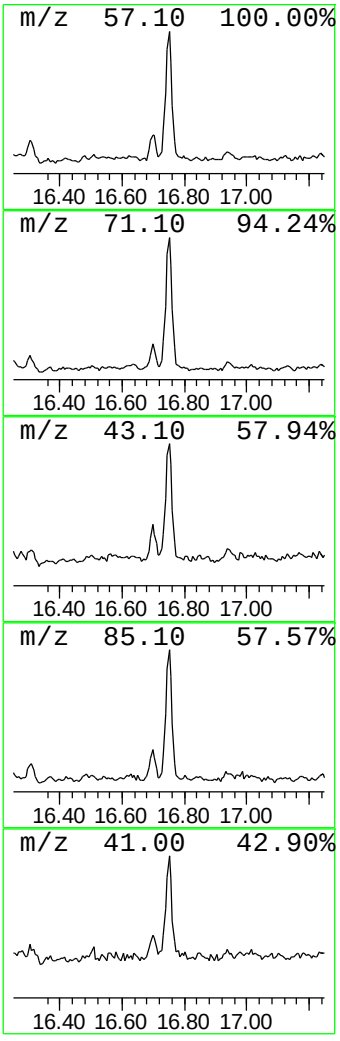
****

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	25.07 ng/ul	985669	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	96
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	94
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	76
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018229.D
Acq On : 2 Aug 2015 17:00
Operator : TP
Sample : G3065-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	6.47	7.7	ng/ul	234490	1	7.48	610570	20.0
Benzene, 1-ethyl-...	6.57	4.5	ng/ul	137082	1	7.48	610570	20.0
Benzene, 1,2,3-tr...	7.13	12.9	ng/ul	394367	1	7.48	610570	20.0
Benzene, 1,4-diet...	7.97	4.2	ng/ul	128135	1	7.48	610570	20.0
Hexane, 2,2,5-tri...	8.02	7.1	ng/ul	215786	1	7.48	610570	20.0
Benzene, 1,2-diet...	8.12	7.5	ng/ul	228226	1	7.48	610570	20.0
Naphthalene, deca...	8.30	3.5	ng/ul	108405	1	7.48	610570	20.0
(DEL) Alkane: Str...	8.35	2.9	ng/ul	86993	1	7.48	610570	20.0
Benzene, 4-ethyl-...	8.58	13.6	ng/ul	415219	1	7.48	610570	20.0
(DEL) Alkane: Str...	8.71	6.1	ng/ul	185707	1	7.48	610570	20.0
Benzene, 1,2,3,4-...	9.11	5.8	ng/ul	304787	2	10.27	1058410	20.0
Benzene, 1,2,3,5-...	9.17	4.1	ng/ul	217664	2	10.27	1058410	20.0
trans-4a-Methyl-d...	9.45	3.3	ng/ul	175174	2	10.27	1058410	20.0
1-Phenyl-1-butene	9.67	4.7	ng/ul	246647	2	10.27	1058410	20.0
Benzene, 2,4-diet...	9.75	2.8	ng/ul	147419	2	10.27	1058410	20.0
Benzene, 1-methyl...	9.98	4.6	ng/ul	242363	2	10.27	1058410	20.0
1H-Indene, 2,3-di...	10.39	3.4	ng/ul	180216	2	10.27	1058410	20.0
(DEL) Alkane: Str...	10.44	5.8	ng/ul	306369	2	10.27	1058410	20.0
Benzene, pentamet...	10.49	3.0	ng/ul	158436	2	10.27	1058410	20.0
Cyclohexane, 2-bu...	10.76	2.1	ng/ul	111827	2	10.27	1058410	20.0
1H-Indene, 2,3-di...	11.19	5.0	ng/ul	261703	2	10.27	1058410	20.0
(DEL) Alkane: Str...	11.30	9.4	ng/ul	496309	2	10.27	1058410	20.0
Cyclopentane, 1-p...	11.56	2.1	ng/ul	110276	2	10.27	1058410	20.0
(DEL) Alkane: Str...	12.70	11.7	ng/ul	494516	3	14.16	847981	20.0
Naphthalene, 2,7-...	13.48	8.1	ng/ul	341334	3	14.16	847981	20.0
Decahydro-4,4,8,9...	13.99	14.5	ng/ul	612893	3	14.16	847981	20.0
(DEL) Alkane: Str...	14.07	4.9	ng/ul	208776	3	14.16	847981	20.0
(DEL) Alkane: Str...	14.71	7.7	ng/ul	324524	3	14.16	847981	20.0
Naphthalene, 2,3,...	14.79	5.0	ng/ul	214220	3	14.16	847981	20.0
(DEL) Alkane: Str...	15.04	5.3	ng/ul	225989	3	14.16	847981	20.0
(DEL) Alkane: Str...	15.45	16.6	ng/ul	702242	3	14.16	847981	20.0
(DEL) Alkane: Str...	15.93	45.9	ng/ul	1803160	4	16.93	786309	20.0
(DEL) Alkane: Str...	16.75	25.1	ng/ul	985669	4	16.93	786309	20.0