LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
Data File : BG021351.D
Acq On : 7 Mar 2016 23:16
Operator : UM/SJ
Sample : H1625-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFH0

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-BG030316.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	3.190	54	60	68	rBV3	6372	12229	3.65%	0.393%
2	3.267	68	73	80	rVB2	7789	11585	3.46%	0.373%
3	3.537	116	119	122	rVV4	1029	1299	0.39%	0.042%
4	4.283	244	246	248	rVV2	1202	1170	0.35%	0.038%
5	5.205	401	403	407	rVV	935	938	0.28%	0.030%
6	7.274	748	755	763	rBV	30174	50932	15.22%	1.639%
7	7.444	778	784	791	rBB	22028	37187	11.11%	1.196%
8	7.656	814	820	826	rBV	29084	48318	14.44%	1.555%
9	8.126	894	900	907	rBV	54323	89724	26.82%	2.887%
10	8.672	989	993	997	rBB2	1339	1623	0.49%	0.052%
11	8.819	1013	1018	1026	rBB2	27367	43836	13.10%	1.410%
12	9.289	1092	1098	1106	rVB	30550	53681	16.04%	1.727%
13	9.383	1107	1114	1118	rBB2	1603	2440	0.73%	0.079%
14	10.012	1214	1221	1226	rVV2	25707	42463	12.69%	1.366%
15	10.546	1306	1312	1320	rBB3	34493	58868	17.59%	1.894%
16	10.934	1371	1378	1385	rBB	81558	139692	41.75%	4.495%
17	11.063	1393	1400	1408	rBB2	24219	40944	12.24%	1.317%
18	11.369	1449	1452	1456	rBB	955	975	0.29%	0.031%
19	11.457	1464	1467	1471	rBB2	1873	2523	0.75%	0.081%
20	11.668	1499	1503	1508	rBB2	5120	6841	2.04%	0.220%
21	12.280	1604	1607	1609	rBV	1288	1300	0.39%	0.042%
22	13.572	1824	1827	1830	rBV	2354	2878	0.86%	0.093%
23	13.613	1830	1834	1837	rVV	3081	3794	1.13%	0.122%
24	13.649	1837	1840	1846	rVB	3309	4124	1.23%	0.133%
25	14.130	1917	1922	1926	rBV	72134	99871	29.85%	3.213%
26	14.177	1926	1930	1936	rVV	34384	47870	14.31%	1.540%
27	14.430	1967	1973	1979	rBV	79088	121746	36.39%	3.917%
28	14.553	1989	1994	1998	rBV2	22146	28972	8.66%	0.932%
29	14.606	1998	2003	2007	rVB2	5193	8107	2.42%	0.261%
30	14.735	2018	2025	2032	rBV2	116172	187393	56.01%	6.029%
31	14.918	2050	2056	2063	rBV2	20496	33999	10.16%	1.094%
32	14.976	2063	2066	2071	rVB	560	1100	0.33%	0.035%
33	15.047	2074	2078	2079	rBV	944	1109	0.33%	0.036%
34	15.059	2079	2080	2083	rVB	1169	921	0.28%	0.030%

LSC Area Percent Report

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Acq On : 7 Mar 2016 23:16
Operator : UM/SJ
Sample : H1625-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFH0

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-BG030316.M
Title : SVOA CALIBRATION

35	15.106	2085	2088	2089	rBV	1438	1105	0.33%	0.036%
36	15.135	2090	2093	2096	rVB2	2588	3349	1.00%	0.108%
37	15.223	2104	2108	2113	rBB2	1993	3190	0.95%	0.103%
38	15.505	2153	2156	2160	rVV	2240	2761	0.83%	0.089%
39	15.552	2160	2164	2169	rVV	10066	13332	3.98%	0.429%
40	15.611	2171	2174	2178	rVV	1203	1415	0.42%	0.046%
41	15.717	2187	2192	2199	rBV	94292	146437	43.77%	4.712%
42	15.828	2207	2211	2220	rVB2	24385	34505	10.31%	1.110%
43	15.958	2226	2233	2239	rBV2	5205	9108	2.72%	0.293%
44	15.999	2239	2240	2243	rVB2	1284	1046	0.31%	0.034%
45	16.046	2245	2248	2254	rVB3	1495	3110	0.93%	0.100%
46	16.104	2254	2258	2263	rBV3	2376	3996	1.19%	0.129%
47	16.175	2266	2270	2273	rVB3	1918	2637	0.79%	0.085%
48	16.251	2279	2283	2288	rBV3	5603	7568	2.26%	0.243%
49	16.304	2288	2292	2294	rBV3	790	1015	0.30%	0.033%
50	16.345	2294	2299	2300	rBV4	1201	1466	0.44%	0.047%
51	16.410	2304	2310	2313	rBV2	12532	19065	5.70%	0.613%
52	16.433	2313	2314	2318	rVV3	9553	9440	2.82%	0.304%
53	16.498	2323	2325	2327	rVB2	1041	955	0.29%	0.031%
54	16.533	2329	2331	2336	rBV5	1020	1571	0.47%	0.051%
55	16.592	2336	2341	2345	rBV5	1557	2510	0.75%	0.081%
56	16.739	2363	2366	2367	rBV3	1453	1159	0.35%	0.037%
57	16.757	2367	2369	2372	rVB3	1728	1258	0.38%	0.040%
58	16.798	2374	2376	2377	rVV2	1189	913	0.27%	0.029%
59	16.880	2387	2390	2392	rVB5	1360	1668	0.50%	0.054%
60	16.915	2392	2396	2398	rBV4	1504	2466	0.74%	0.079%
61	17.133	2427	2433	2435	rBV7	1375	2308	0.69%	0.074%
62	17.197	2440	2444	2448	rBV3	9382	11948	3.57%	0.384%
63	17.250	2448	2453	2458	rVB3	8166	11634	3.48%	0.374%
64	17.350	2465	2470	2471	rBV3	1280	1857	0.56%	0.060%
65	17.391	2475	2477	2480	rVB3	1213	1309	0.39%	0.042%
66	17.426	2480	2483	2484	rBV2	1019	1100	0.33%	0.035%
67	17.468	2484	2490	2497	rBV2	146973	225546	67.41%	7.257%
68	17.567	2501	2507	2514	rVB2	104102	156326	46.72%	5.030%
69	17.632	2517	2518	2522	rBV3	1115	1584	0.47%	0.051%
70	17.679	2522	2526	2527	rBV3	1324	1172	0.35%	0.038%
71	17.738	2534	2536	2538	rBV3	1356	1514	0.45%	0.049%

LSC Area Percent Report

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Data File : BG021351.D
Acq On : 7 Mar 2016 23:16
Operator : UM/SJ
Sample : H1625-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFH0

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-BG030316.M
Title : SVOA CALIBRATION

72	17.855	2553	2556	2561	rVB6	2824	4557	1.36%	0.147%
73	17.938	2567	2570	2577	rVB2	8165	11463	3.43%	0.369%
74	18.020	2581	2584	2586	rBV4	1139	1431	0.43%	0.046%
75	18.114	2597	2600	2603	rBV5	1265	1907	0.57%	0.061%
76	18.184	2610	2612	2613	rBV2	1605	1167	0.35%	0.038%
77	18.214	2616	2617	2618	rBV	1859	951	0.28%	0.031%
78	18.331	2633	2637	2642	rBV6	5125	7424	2.22%	0.239%
79	18.372	2642	2644	2645	rBV2	1308	929	0.28%	0.030%
80	18.443	2655	2656	2659	rBV3	1925	1598	0.48%	0.051%
81	18.490	2659	2664	2667	rVB6	2399	4051	1.21%	0.130%
82	18.578	2675	2679	2683	rBV6	3015	4258	1.27%	0.137%
83	18.625	2683	2687	2690	rVV	7767	10232	3.06%	0.329%
84	18.678	2694	2696	2697	rBV2	2072	1381	0.41%	0.044%
85	18.913	2734	2736	2739	rBV3	2120	1757	0.53%	0.057%
86	19.019	2752	2754	2760	rBV5	3024	3164	0.95%	0.102%
87	19.077	2760	2764	2770	rBV6	8633	17361	5.19%	0.559%
88	19.183	2777	2782	2787	rBV8	4914	11243	3.36%	0.362%
89	19.248	2790	2793	2797	rBV2	9277	11992	3.58%	0.386%
90	19.389	2812	2817	2818	rBV5	3751	6309	1.89%	0.203%
91	19.412	2818	2821	2823	rVV3	6013	7146	2.14%	0.230%
92	19.553	2841	2845	2849	rBV3	16976	24112	7.21%	0.776%
93	19.841	2888	2894	2901	rVB2	124030	186445	55.72%	5.999%
94	19.988	2916	2919	2923	rBV2	15584	25405	7.59%	0.817%
95	20.411	2988	2991	2995	rVB4	13051	16588	4.96%	0.534%
96	21.351	3148	3151	3159	rVB3	38369	60637	18.12%	1.951%
97	21.727	3210	3215	3222	rVB	164205	269207	80.46%	8.662%
98	24.759	3724	3731	3740	rVB2	62598	165569	49.48%	5.327%
99	24.982	3762	3769	3783	rVB2	109541	334593	100.00%	10.765%
100	27.861	4256	4259	4267	rVB10	10953	31349	9.37%	1.009%

Sum of corrected areas: 3108021

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
Data File : BG021351.D
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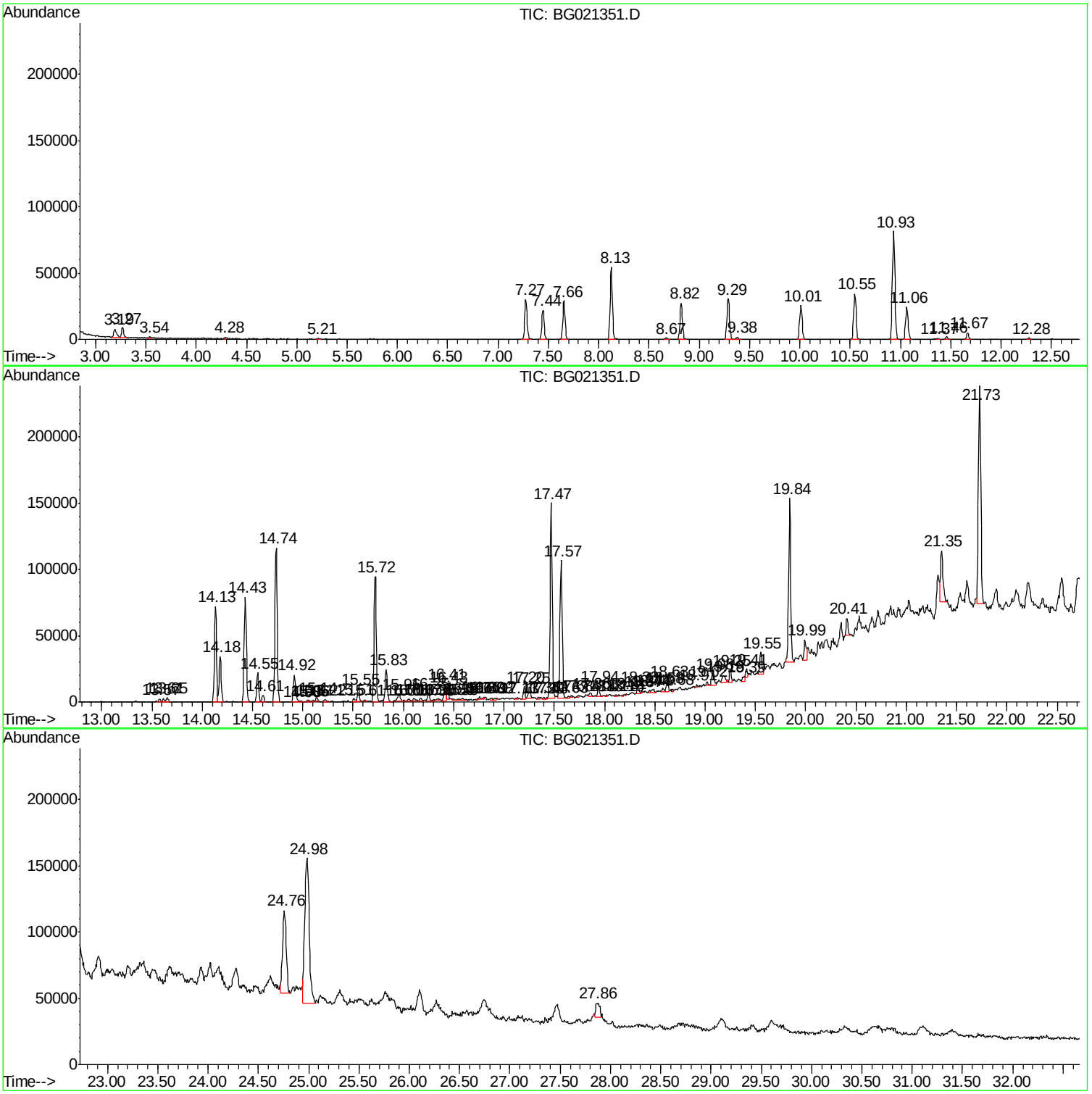
Sample : H1625-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFH0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
Data File : BG021351.D
Acq On : 7 Mar 2016 23:16
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

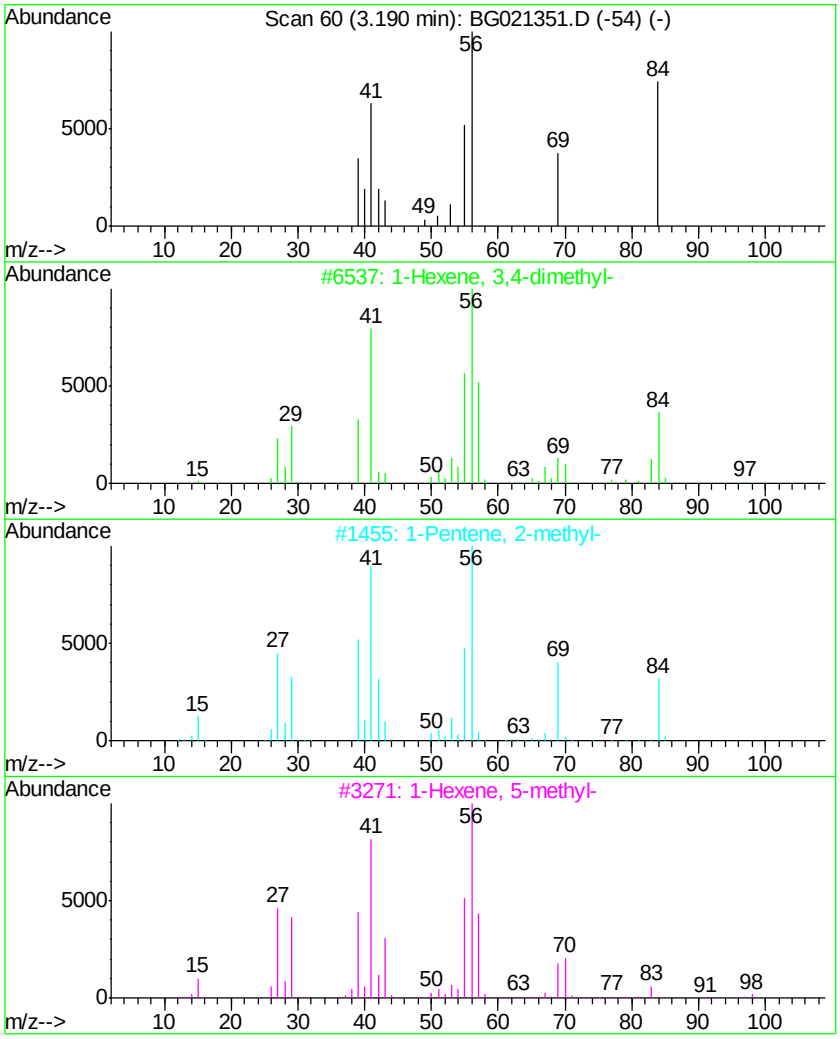
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

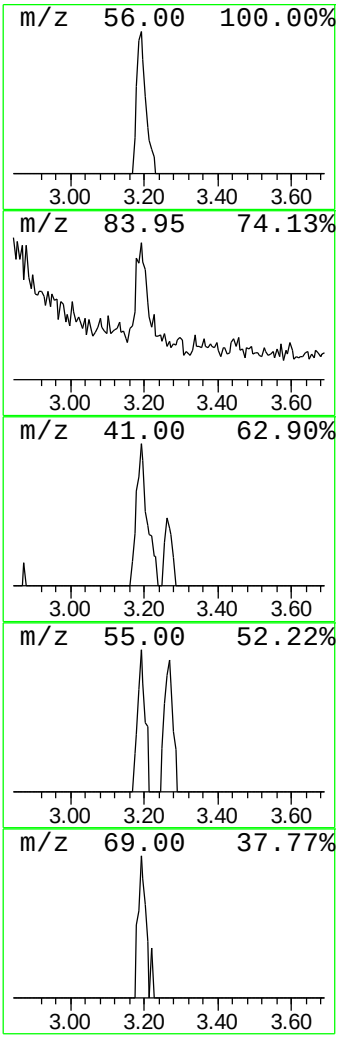
****

Peak Number 1 (DEL) Alkane: Cyclic3.19 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	2.73 ng/ul	12229	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	83
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	47
3	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	47
4	2-Hexene	84	C6H12	000592-43-8	36
5	Cyclopentanone	84	C5H8O	000120-92-3	33





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
Data File : BG021351.D
Acq On : 7 Mar 2016 23:16
Operator : UM/SJ
Sample : H1625-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFH0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

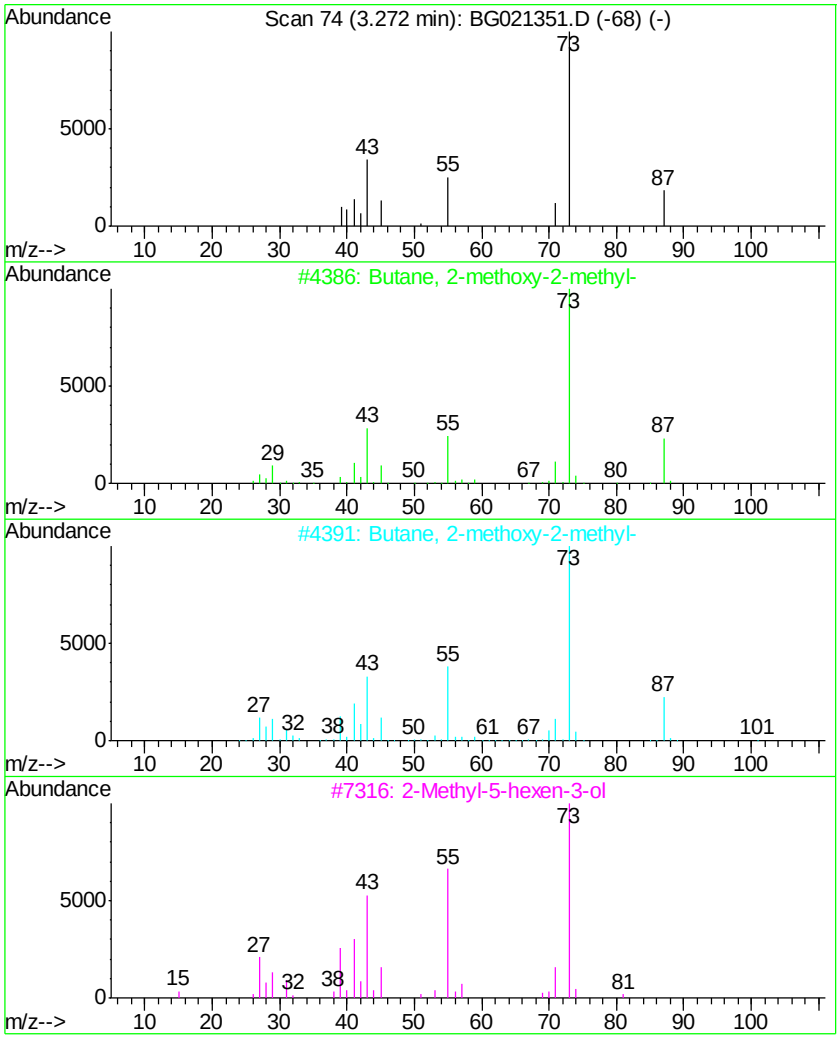
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

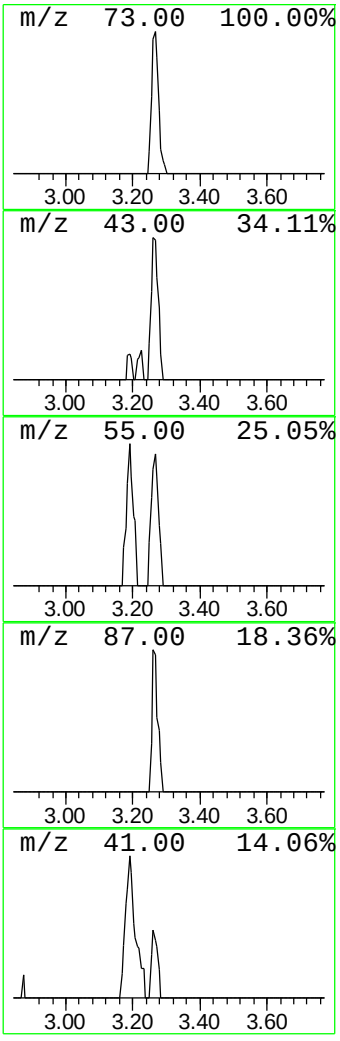
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	2.58 ng/ul	11585	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	5
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
Data File : BG021351.D
Acq On : 7 Mar 2016 23:16
Operator : UM/SJ
Sample : H1625-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFH0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

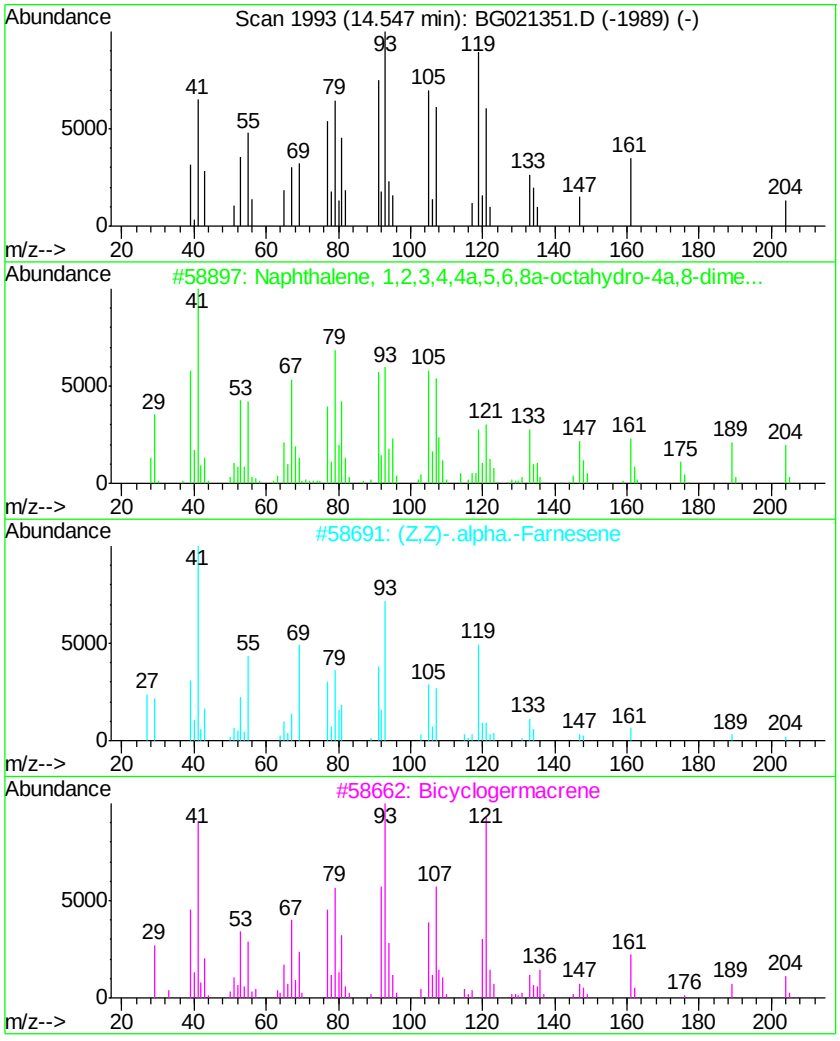
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

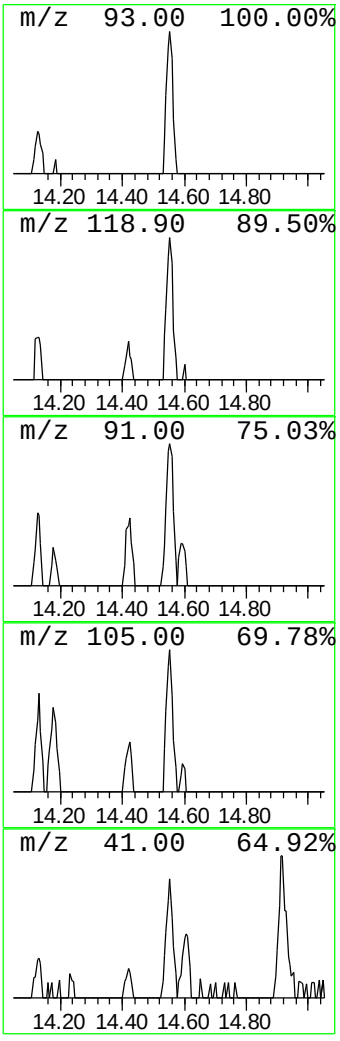
****

Peak Number 3 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	3.09 ng/ul	28972	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	91
2	(Z,Z)-.alpha.-Farnesene	204	C15H24	1000293-03-1	60
3	Bicyclogermacrene	204	C15H24	067650-90-2	52
4	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	46
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	204	C15H24	000512-61-8	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
Data File : BG021351.D
Acq On : 7 Mar 2016 23:16
Operator : UM/SJ
Sample : H1625-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFH0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

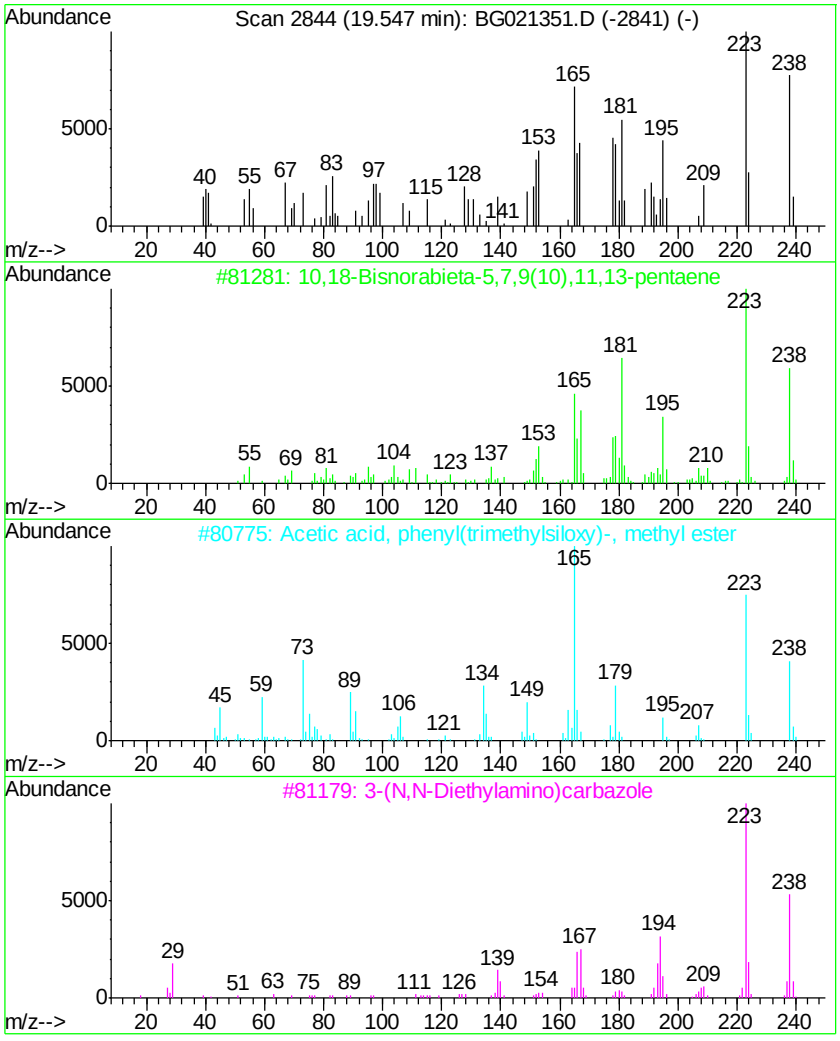
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

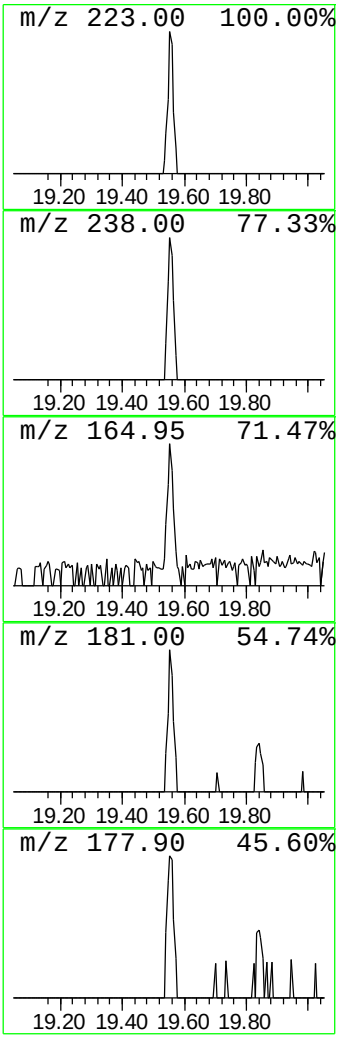
****

Peak Number 4 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	2.14 ng/ul	24112	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	96
2	Acetic acid, phenyl(trimethylsil...	238	C12H18O3Si	029233-93-0	52
3	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	49
4	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	43
5	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
Data File : BG021351.D
Acq On : 7 Mar 2016 23:16
Operator : UM/SJ
Sample : H1625-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFH0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

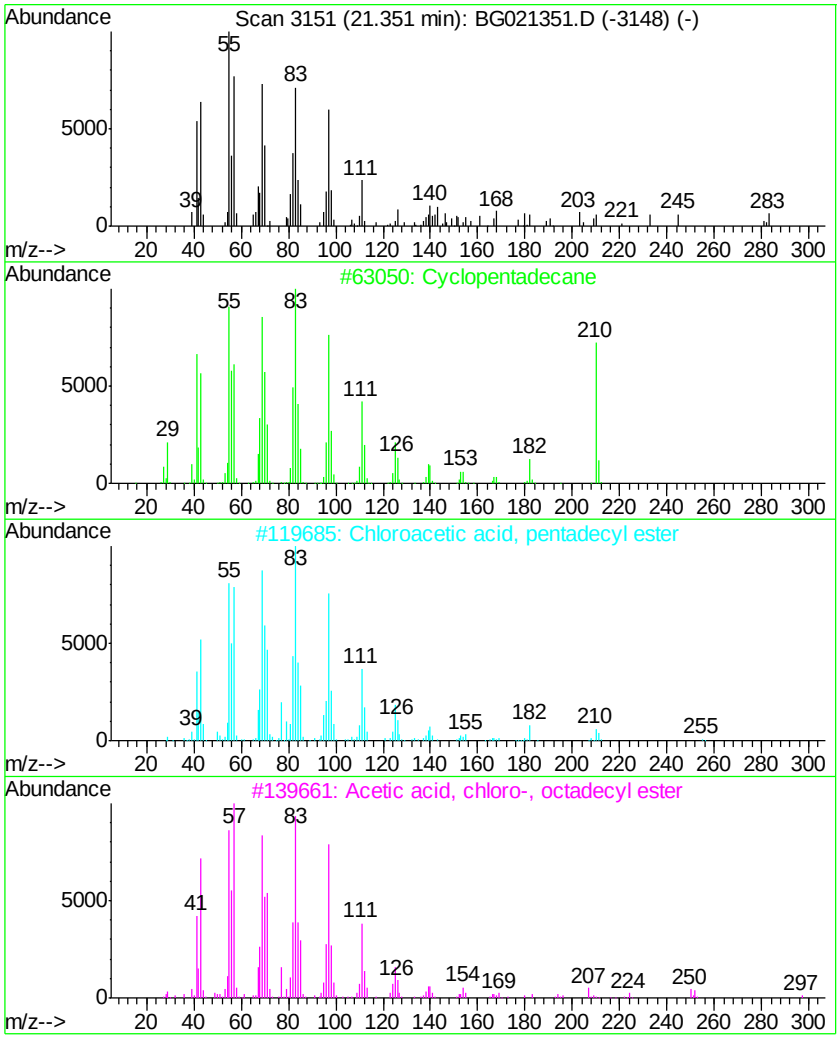
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

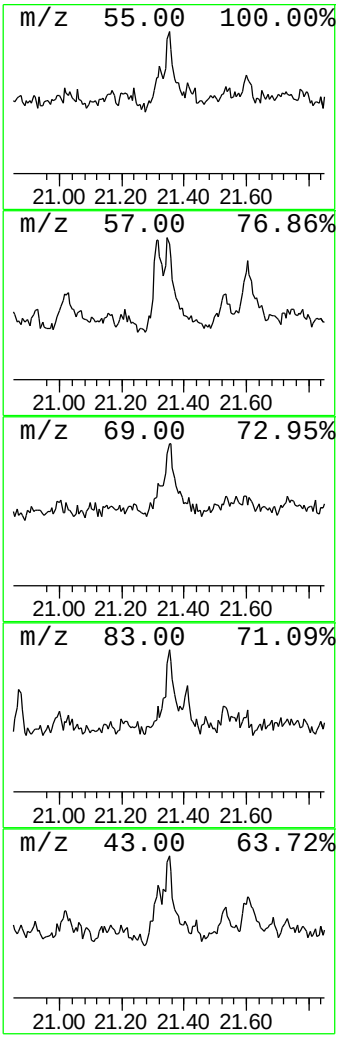
****

Peak Number 5 (DEL) Alkane: Cyclic21.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	4.50 ng/ul	60637	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	83
3	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	74
4	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	74
5	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
Data File : BG021351.D
Acq On : 7 Mar 2016 23:16
Operator : UM/SJ
Sample : H1625-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFH0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.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: Cyc...	3.19	2.7	ng/ul	12229	1	8.13	89724	20.0
Butane, 2-methoxy...	3.27	2.6	ng/ul	11585	1	8.13	89724	20.0
Naphthalene, 1,2,...	14.55	3.1	ng/ul	28972	3	14.73	187393	20.0
10,18-Bisnorabiet...	19.55	2.1	ng/ul	24112	4	17.47	225546	20.0
(DEL) Alkane: Cyc...	21.35	4.5	ng/ul	60637	5	21.73	269207	20.0