LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021388.D
Acq On : 9 Mar 2016 5:03
Operator : UM/SJ
Sample : H1625-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFG3

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	3.052	34	36	39	rVB3	582	621	0.26%	0.026%
2	3.105	43	45	48	rVV3	685	671	0.28%	0.028%
3	3.187	54	59	63	rBV3	5426	10988	4.58%	0.452%
4	3.222	63	65	69	rVV2	6292	7941	3.31%	0.326%
5	3.269	69	73	77	rVV	7738	10913	4.55%	0.449%
6	3.310	77	80	86	rVB3	3736	5948	2.48%	0.245%
7	3.416	97	98	101	rBV2	544	585	0.24%	0.024%
8	3.528	115	117	121	rVB4	1334	1522	0.63%	0.063%
9	3.874	173	176	178	rBV2	540	717	0.30%	0.029%
10	3.968	189	192	195	rVB	540	652	0.27%	0.027%
11	4.062	202	208	214	rBV3	6111	9041	3.77%	0.372%
12	4.844	338	341	344	rBV	556	947	0.39%	0.039%
13	5.167	392	396	397	rBV2	458	589	0.25%	0.024%
14	5.214	403	404	409	rVV	853	703	0.29%	0.029%
15	5.302	413	419	423	rBV2	1393	2129	0.89%	0.088%
16	5.672	479	482	485	rBV2	563	748	0.31%	0.031%
17	5.766	494	498	499	rVV	511	591	0.25%	0.024%
18	5.807	503	505	508	rBV	496	622	0.26%	0.026%
19	6.260	580	582	586	rVB	586	710	0.30%	0.029%
20	6.301	586	589	591	rBV	568	606	0.25%	0.025%
21	7.282	750	756	766	rVB	33795	58291	24.31%	2.396%
22	7.447	779	784	792	rVB	24924	39129	16.32%	1.609%
23	7.658	813	820	829	rBB	33620	56110	23.40%	2.307%
24	8.128	894	900	907	rVV	59353	102474	42.74%	4.213%
25	8.675	991	993	995	rBV	921	952	0.40%	0.039%
26	8.827	1013	1019	1029	rVB2	35576	61343	25.58%	2.522%
27	9.292	1091	1098	1105	rBB	32885	56956	23.75%	2.341%
28	9.386	1112	1114	1117	rVB2	619	603	0.25%	0.025%
29	10.014	1215	1221	1228	rBB	28761	48022	20.03%	1.974%
30	10.555	1307	1313	1320	rBB	38337	66388	27.69%	2.729%
31	10.937	1371	1378	1385	rBV	87526	155237	64.74%	6.382%
32	11.072	1396	1401	1408	rBV3	6195	10367	4.32%	0.426%
33	13.011	1729	1731	1734	rBB	930	695	0.29%	0.029%
34	13.105	1743	1747	1748	rBV	565	646	0.27%	0.027%

LSC Area Percent Report

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Acq On : 9 Mar 2016 5:03
Operator : UM/SJ
Sample : H1625-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFG3

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	13.334	1784	1786	1790	rVB	907	915	0.38%	0.038%
36	13.545	1819	1822	1826	rBB	1801	1865	0.78%	0.077%
37	13.616	1830	1834	1840	rVB2	2827	4310	1.80%	0.177%
38	14.004	1897	1900	1901	rBV2	831	677	0.28%	0.028%
39	14.051	1904	1908	1914	rVB2	1211	1959	0.82%	0.081%
40	14.139	1917	1923	1927	rBV	69647	101336	42.26%	4.166%
41	14.186	1927	1931	1937	rVB	31116	44027	18.36%	1.810%
42	14.292	1946	1949	1950	rBV	830	713	0.30%	0.029%
43	14.368	1960	1962	1965	rBV	684	829	0.35%	0.034%
44	14.438	1967	1974	1980	rVB	77958	122064	50.91%	5.018%
45	14.485	1980	1982	1983	rBV	1062	688	0.29%	0.028%
46	14.527	1986	1989	1992	rVB	875	1220	0.51%	0.050%
47	14.562	1992	1995	1997	rBV3	1908	2046	0.85%	0.084%
48	14.615	2000	2004	2010	rVB2	6975	9949	4.15%	0.409%
49	14.691	2013	2017	2020	rBV3	2025	3110	1.30%	0.128%
50	14.744	2020	2026	2032	rVB2	123946	197304	82.28%	8.111%
51	14.820	2035	2039	2042	rVB2	1313	1822	0.76%	0.075%
52	14.850	2042	2044	2045	rBV	1063	873	0.36%	0.036%
53	14.926	2052	2057	2068	rBV2	28144	47804	19.94%	1.965%
54	15.055	2074	2079	2080	rBV2	1360	1456	0.61%	0.060%
55	15.079	2080	2083	2087	rBV4	3046	2945	1.23%	0.121%
56	15.149	2093	2095	2097	rBV2	751	757	0.32%	0.031%
57	15.226	2103	2108	2113	rBV3	2852	5148	2.15%	0.212%
58	15.290	2115	2119	2121	rVV3	1900	2637	1.10%	0.108%
59	15.349	2124	2129	2130	rBV2	1014	1329	0.55%	0.055%
60	15.384	2134	2135	2138	rVB3	1270	1055	0.44%	0.043%
61	15.420	2138	2141	2143	rBV4	1104	1104	0.46%	0.045%
62	15.455	2143	2147	2148	rVB3	896	886	0.37%	0.036%
63	15.520	2154	2158	2160	rBV2	1841	1993	0.83%	0.082%
64	15.561	2160	2165	2170	rVB	13452	18218	7.60%	0.749%
65	15.596	2170	2171	2172	rBV	1040	694	0.29%	0.029%
66	15.625	2172	2176	2178	rVB4	1445	1907	0.80%	0.078%
67	15.725	2188	2193	2200	rBV	101230	150815	62.90%	6.200%
68	15.778	2200	2202	2203	rVV2	1544	806	0.34%	0.033%
69	15.802	2203	2206	2208	rVV3	478	738	0.31%	0.030%
70	15.843	2208	2213	2219	rVV3	21107	32993	13.76%	1.356%
71	15.943	2227	2230	2231	rBV3	2773	3355	1.40%	0.138%

LSC Area Percent Report

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Data File : BG021388.D
Acq On : 9 Mar 2016 5:03
Operator : UM/SJ
Sample : H1625-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFG3

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	15.966	2231	2234	2238	rVV3	4754	6467	2.70%	0.266%
73	16.001	2238	2240	2245	rVV4	1453	1749	0.73%	0.072%
74	16.060	2248	2250	2255	rVB4	2336	2616	1.09%	0.108%
75	16.113	2255	2259	2263	rBV4	2562	4133	1.72%	0.170%
76	16.160	2265	2267	2268	rVV3	1093	651	0.27%	0.027%
77	16.183	2268	2271	2273	rVB3	2212	2165	0.90%	0.089%
78	16.419	2305	2311	2319	rBV	15692	30385	12.67%	1.249%
79	16.530	2329	2330	2333	rBV2	1200	1276	0.53%	0.052%
80	16.560	2333	2335	2336	rVV2	1149	967	0.40%	0.040%
81	16.601	2340	2342	2345	rVB4	1531	1473	0.61%	0.061%
82	16.695	2352	2358	2359	rBV4	1527	2863	1.19%	0.118%
83	16.724	2361	2363	2365	rBV2	1321	1200	0.50%	0.049%
84	16.753	2365	2368	2369	rBV3	2398	2271	0.95%	0.093%
85	16.789	2372	2374	2376	rBV3	1037	738	0.31%	0.030%
86	16.930	2393	2398	2401	rBV5	1595	3585	1.50%	0.147%
87	17.065	2419	2421	2424	rBV4	1694	1745	0.73%	0.072%
88	17.094	2424	2426	2429	rBV4	1309	1112	0.46%	0.046%
89	17.153	2435	2436	2437	rBV	2195	1065	0.44%	0.044%
90	17.206	2442	2445	2448	rVV2	10121	11845	4.94%	0.487%
91	17.259	2450	2454	2458	rVB5	4095	6746	2.81%	0.277%
92	17.341	2466	2468	2471	rBV4	1726	1594	0.66%	0.066%
93	17.476	2484	2491	2498	rBV2	143228	232137	96.81%	9.543%
94	17.576	2503	2508	2515	rVV	103215	161548	67.37%	6.641%
95	17.740	2534	2536	2537	rBV2	2563	1455	0.61%	0.060%
96	18.075	2591	2593	2596	rBV4	3159	3166	1.32%	0.130%
97	18.340	2635	2638	2643	rBV3	18908	27999	11.68%	1.151%
98	19.562	2844	2846	2850	rVB3	13747	17950	7.49%	0.738%
99	19.850	2891	2895	2901	rBV2	117277	175095	73.02%	7.198%
100	21.742	3213	3217	3225	rVB	152642	239787	100.00%	9.857%

Sum of corrected areas: 2432587

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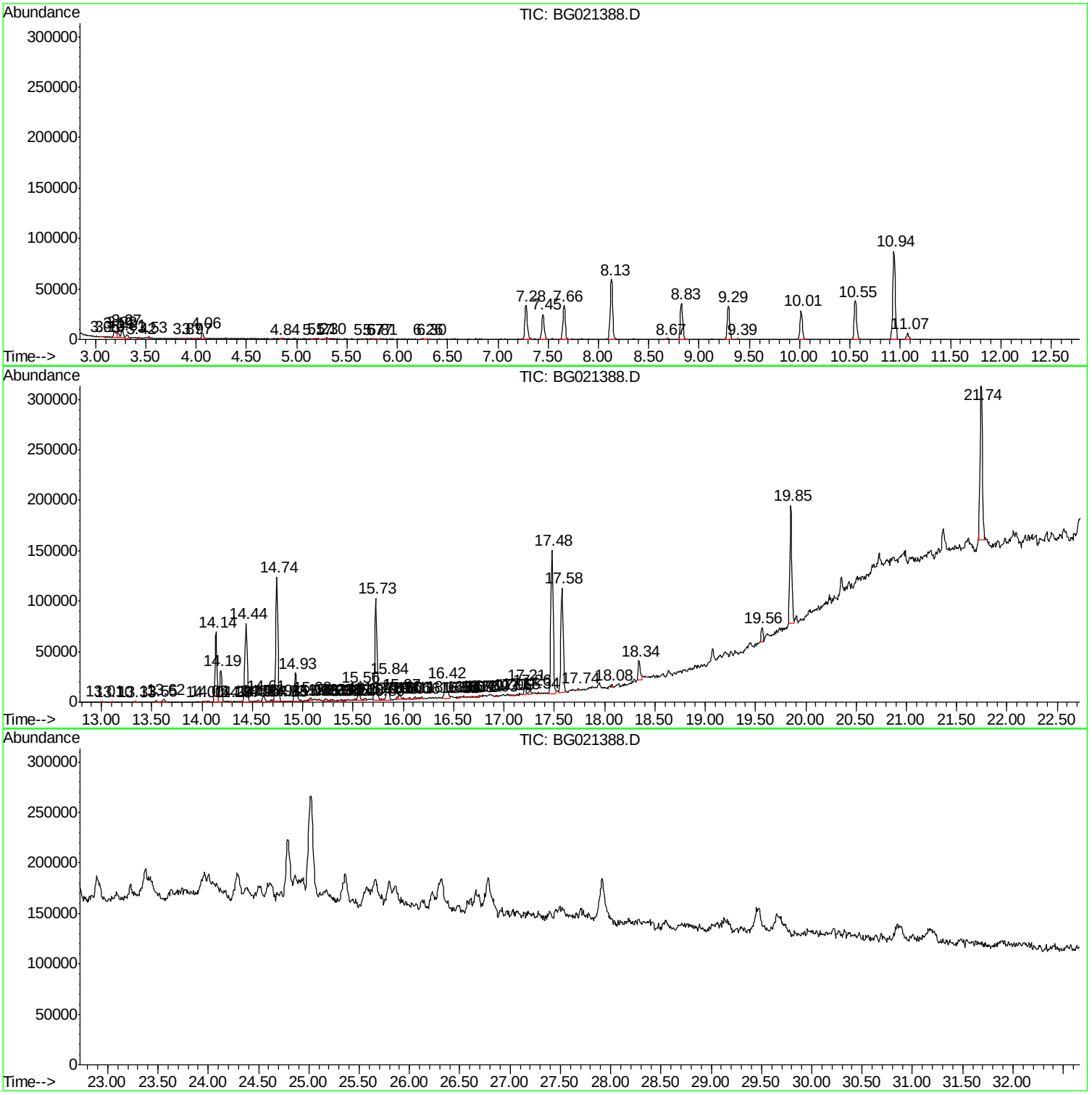
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFG3

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
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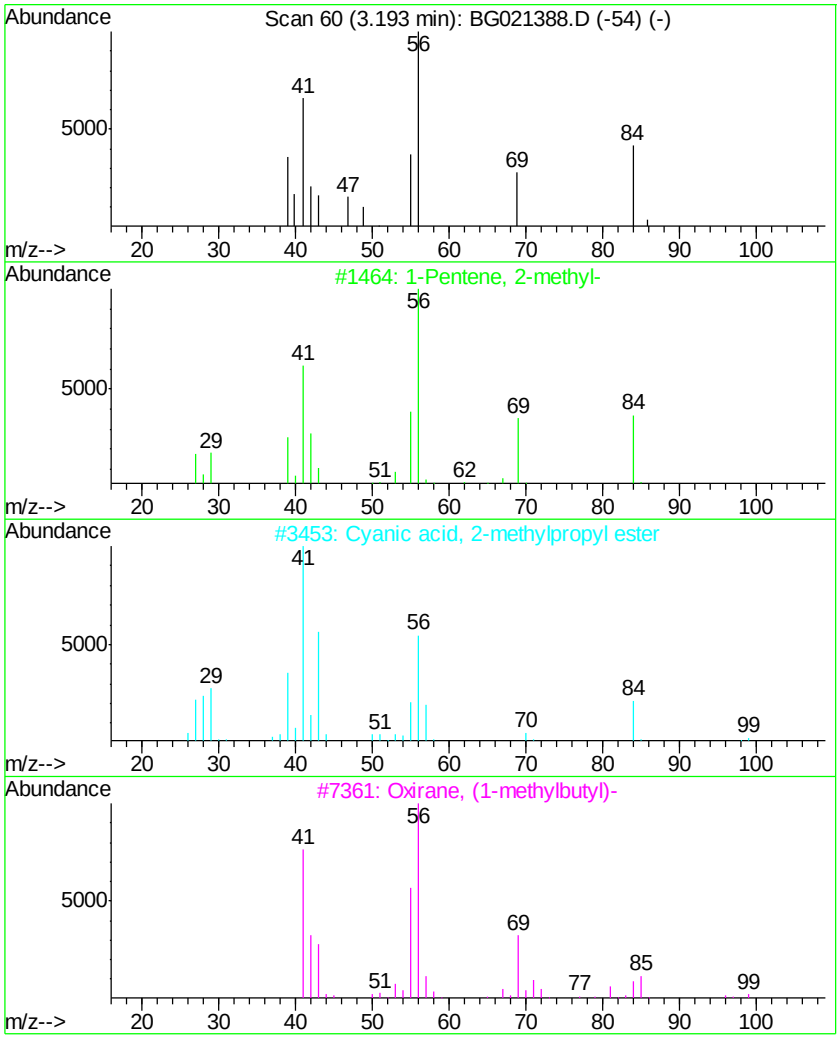
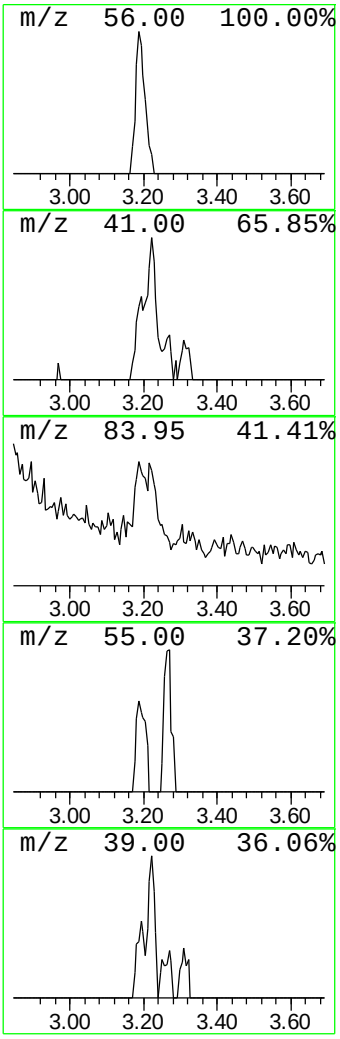
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	2.14 ng/ul	10988	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
2	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	40
3	Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	28
4	Furan, 2,5-dihydro-3-methyl-	84	C5H8O	001708-31-2	9
5	Cyclobutanone, 2-methyl-	84	C5H8O	001517-15-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
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Sample : H1625-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFG3

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

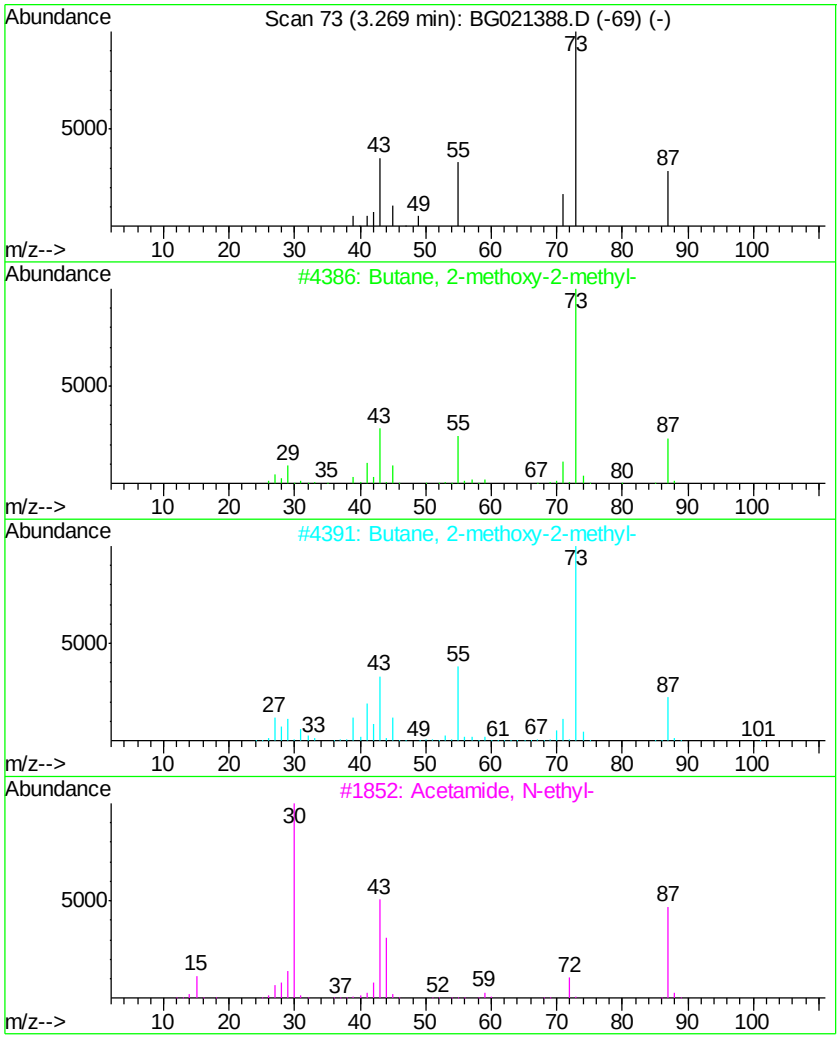
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

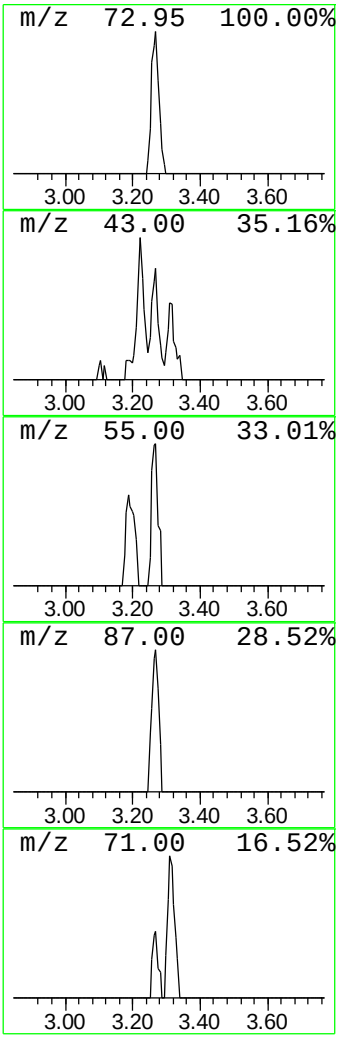
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	2.13 ng/ul	10913	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	50
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	43
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5
5	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021388.D
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Instrument : BNA_G
ClientSampleId : JHFG3

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

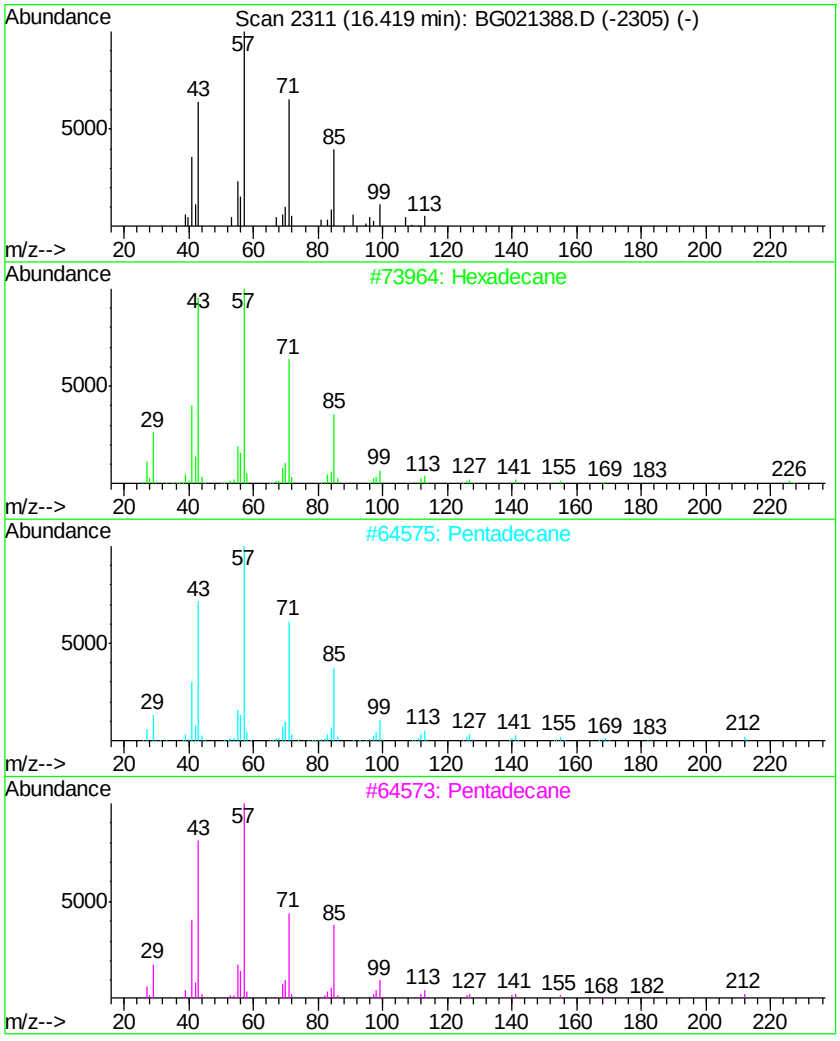
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

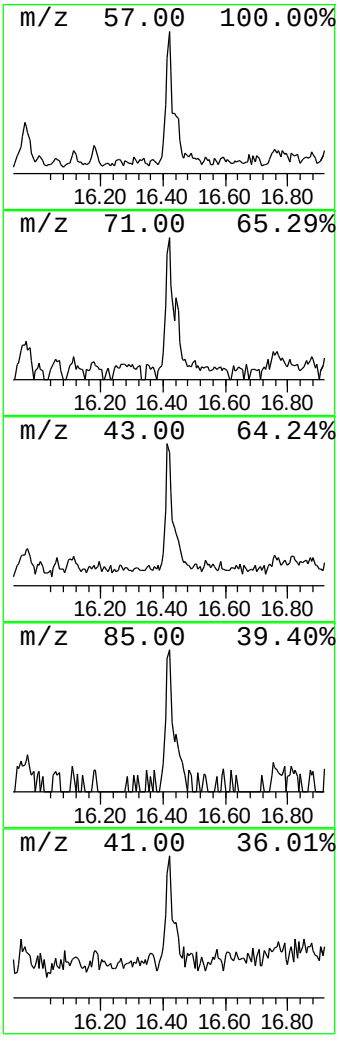
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	2.62 ng/ul	30385	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Pentadecane	212	C15H32	000629-62-9	78
3	Pentadecane	212	C15H32	000629-62-9	78
4	Tetradecane	198	C14H30	000629-59-4	78
5	Hexadecane	226	C16H34	000544-76-3	72





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Data File : BG021388.D
Acq On : 9 Mar 2016 5:03
Operator : UM/SJ
Sample : H1625-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFG3

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

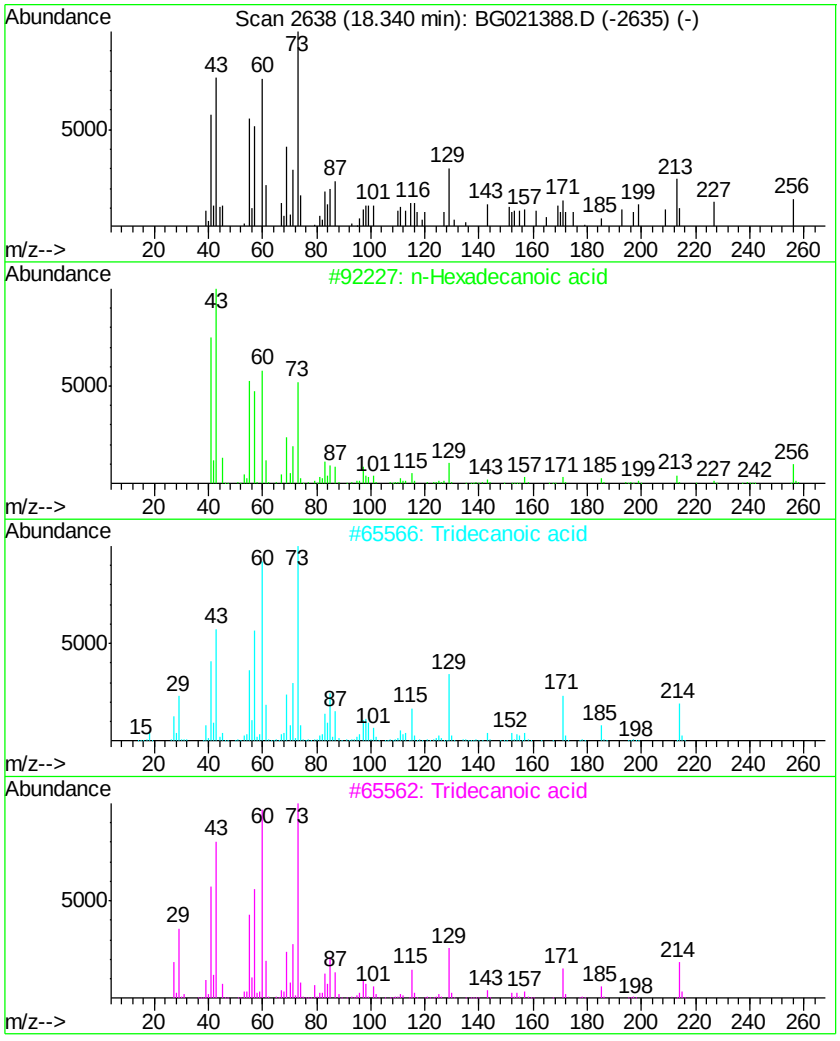
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

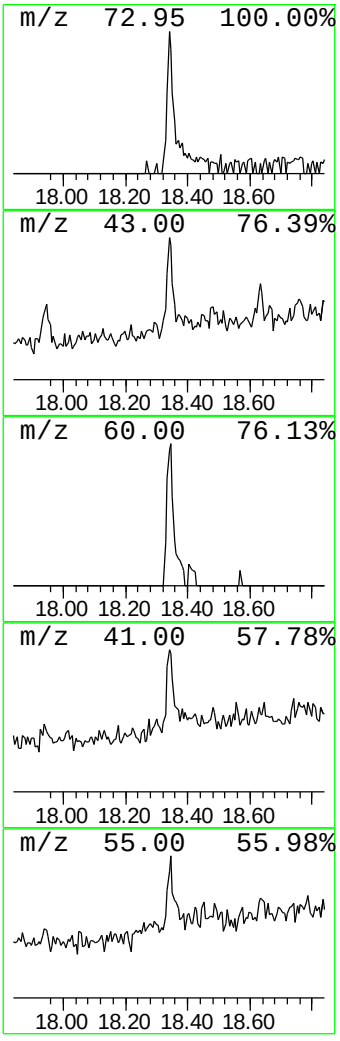
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.41 ng/ul	27999	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021388.D
Acq On : 9 Mar 2016 5:03
Operator : UM/SJ
Sample : H1625-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFG3

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	2.1	ng/ul	10988	1	8.13	102474	20.0
Butane, 2-methoxy...	3.27	2.1	ng/ul	10913	1	8.13	102474	20.0
(DEL) Alkane: Str...	16.42	2.6	ng/ul	30385	4	17.48	232137	20.0
n-Hexadecanoic acid	18.34	2.4	ng/ul	27999	4	17.48	232137	20.0