LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019332.D
Acq On : 24 Oct 2015 12:20
Operator : UM/NP
Sample : G4075-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J3

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-BG102315.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	3.208	56	63	72	rBV2	37234	70938	4.33%	0.424%
2	3.291	72	77	83	rVV	118196	178566	10.90%	1.067%
3	3.349	86	87	92	rVB3	2509	2416	0.15%	0.014%
4	3.561	120	123	131	rVB2	7170	12028	0.73%	0.072%
5	3.849	166	172	173	rBV2	3671	4584	0.28%	0.027%
6	5.288	414	417	420	rBV2	1844	2392	0.15%	0.014%
7	5.465	442	447	449	rBV2	1978	2782	0.17%	0.017%
8	5.770	497	499	503	rVB	1590	2159	0.13%	0.013%
9	6.434	609	612	617	rVB2	1608	2537	0.15%	0.015%
10	7.180	734	739	742	rBV2	4573	7118	0.43%	0.043%
11	7.368	762	771	780	rVB	198971	339884	20.74%	2.031%
12	7.550	794	802	811	rBV	139310	225791	13.78%	1.349%
13	7.762	831	838	845	rVB	185920	309146	18.87%	1.847%
14	8.238	911	919	926	rBV	165345	272229	16.61%	1.627%
15	8.731	998	1003	1005	rBV	1383	2176	0.13%	0.013%
16	8.931	1029	1037	1044	rBV	249606	425034	25.94%	2.540%
17	9.407	1111	1118	1126	rVV	189454	334652	20.42%	2.000%
18	9.483	1126	1131	1138	rVB3	11710	20286	1.24%	0.121%
19	9.806	1185	1186	1192	rVB	2642	2979	0.18%	0.018%
20	10.136	1235	1242	1250	rBV2	171891	315398	19.25%	1.885%
21	10.529	1302	1309	1313	rBV2	2022	3874	0.24%	0.023%
22	10.606	1319	1322	1325	rVB	1961	2379	0.15%	0.014%
23	10.670	1325	1333	1343	rBV	272017	466124	28.45%	2.785%
24	10.823	1356	1359	1363	rVB3	3849	4641	0.28%	0.028%
25	11.064	1393	1400	1409	rVB	206665	380446	23.22%	2.273%
26	11.187	1414	1421	1428	rBV	213922	382616	23.35%	2.286%
27	11.575	1484	1487	1489	rBV2	1999	2188	0.13%	0.013%
28	11.816	1524	1528	1529	rBV3	2670	3181	0.19%	0.019%
29	11.898	1537	1542	1546	rVB	1358	2419	0.15%	0.014%
30	12.304	1606	1611	1614	rBV	1385	2307	0.14%	0.014%
31	12.562	1649	1655	1658	rVB3	13458	19486	1.19%	0.116%
32	12.627	1662	1666	1671	rVB3	3281	4752	0.29%	0.028%
33	13.220	1762	1767	1774	rBV4	5670	10597	0.65%	0.063%
34	13.467	1804	1809	1815	rVB3	7630	11411	0.70%	0.068%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019332.D
Acq On : 24 Oct 2015 12:20
Operator : UM/NP
Sample : G4075-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J3

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-BG102315.M
Title : SVOA CALIBRATION

35	13.737	1852	1855	1858	rVB	2303	2935	0.18%	0.018%
36	14.254	1936	1943	1947	rBV	506148	723096	44.13%	4.321%
37	14.301	1947	1951	1956	rVB	289330	391822	23.91%	2.341%
38	14.554	1986	1994	2000	rBV	503237	781127	47.67%	4.668%
39	14.859	2039	2046	2056	rBV2	376244	605839	36.97%	3.620%
40	15.018	2066	2073	2079	rBV	283874	449683	27.44%	2.687%
41	15.183	2096	2101	2102	rBV	2201	2572	0.16%	0.015%
42	15.235	2105	2110	2111	rBV2	3442	4058	0.25%	0.024%
43	15.247	2111	2112	2116	rVB2	3765	2481	0.15%	0.015%
44	15.641	2174	2179	2182	rBV3	8430	12772	0.78%	0.076%
45	15.682	2182	2186	2190	rVB4	9878	13628	0.83%	0.081%
46	15.841	2206	2213	2220	rBV	669776	1043290	63.67%	6.234%
47	15.940	2223	2230	2238	rBV	304834	439308	26.81%	2.625%
48	16.081	2248	2254	2258	rBV4	10725	18295	1.12%	0.109%
49	16.234	2276	2280	2281	rBV	3190	3163	0.19%	0.019%
50	16.363	2298	2302	2307	rVB4	2969	4262	0.26%	0.025%
51	16.410	2307	2310	2312	rBV3	2323	2769	0.17%	0.017%
52	16.540	2328	2332	2335	rBV3	14279	18427	1.12%	0.110%
53	16.722	2358	2363	2366	rVB4	9121	12297	0.75%	0.073%
54	16.792	2373	2375	2379	rBV3	3062	4495	0.27%	0.027%
55	16.875	2387	2389	2392	rBV4	2822	3642	0.22%	0.022%
56	17.104	2423	2428	2429	rBV4	1882	2389	0.15%	0.014%
57	17.327	2461	2466	2470	rBV	16458	22183	1.35%	0.133%
58	17.380	2470	2475	2480	rVV7	7681	12316	0.75%	0.074%
59	17.480	2488	2492	2495	rBV4	2553	3589	0.22%	0.021%
60	17.597	2505	2512	2518	rBV	554012	851813	51.98%	5.090%
61	17.691	2522	2528	2537	rBV2	805194	1233060	75.25%	7.368%
62	17.856	2554	2556	2558	rBV3	2660	2732	0.17%	0.016%
63	17.950	2566	2572	2577	rBV5	11263	18770	1.15%	0.112%
64	17.985	2577	2578	2580	rBV	2709	2456	0.15%	0.015%
65	18.067	2589	2592	2597	rBV2	11736	15004	0.92%	0.090%
66	18.120	2599	2601	2602	rBV2	2365	2296	0.14%	0.014%
67	18.461	2654	2659	2668	rBV	223673	298016	18.19%	1.781%
68	18.667	2692	2694	2696	rBV3	2318	2725	0.17%	0.016%
69	18.755	2706	2709	2714	rBV4	8792	9249	0.56%	0.055%
70	19.002	2748	2751	2753	rBV3	4144	3629	0.22%	0.022%
71	19.101	2765	2768	2770	rBV4	4507	4746	0.29%	0.028%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019332.D
Acq On : 24 Oct 2015 12:20
Operator : UM/NP
Sample : G4075-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J3

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-BG102315.M
Title : SVOA CALIBRATION

72	19.248	2791	2793	2796	rBV3	3481	3531	0.22%	0.021%
73	19.284	2796	2799	2800	rVB3	2766	2182	0.13%	0.013%
74	19.307	2800	2803	2806	rBV4	5502	6590	0.40%	0.039%
75	19.366	2809	2813	2815	rBV5	6009	7755	0.47%	0.046%
76	19.577	2845	2849	2850	rBV2	11496	13384	0.82%	0.080%
77	19.601	2851	2853	2857	rVB5	18028	17886	1.09%	0.107%
78	19.718	2869	2873	2880	rBV	103316	125290	7.65%	0.749%
79	19.865	2893	2898	2902	rVB4	14644	28875	1.76%	0.173%
80	19.965	2909	2915	2921	rVB	1109487	1563206	95.40%	9.341%
81	21.493	3171	3175	3183	rVB	141052	195395	11.92%	1.168%
82	21.757	3217	3220	3227	rVB	34660	49752	3.04%	0.297%
83	21.881	3235	3241	3249	rVB	716363	1191291	72.70%	7.119%
84	25.036	3769	3778	3791	rVB	560632	1638640	100.00%	9.792%
85	25.271	3809	3818	3828	rVB2	361497	1036675	63.26%	6.195%

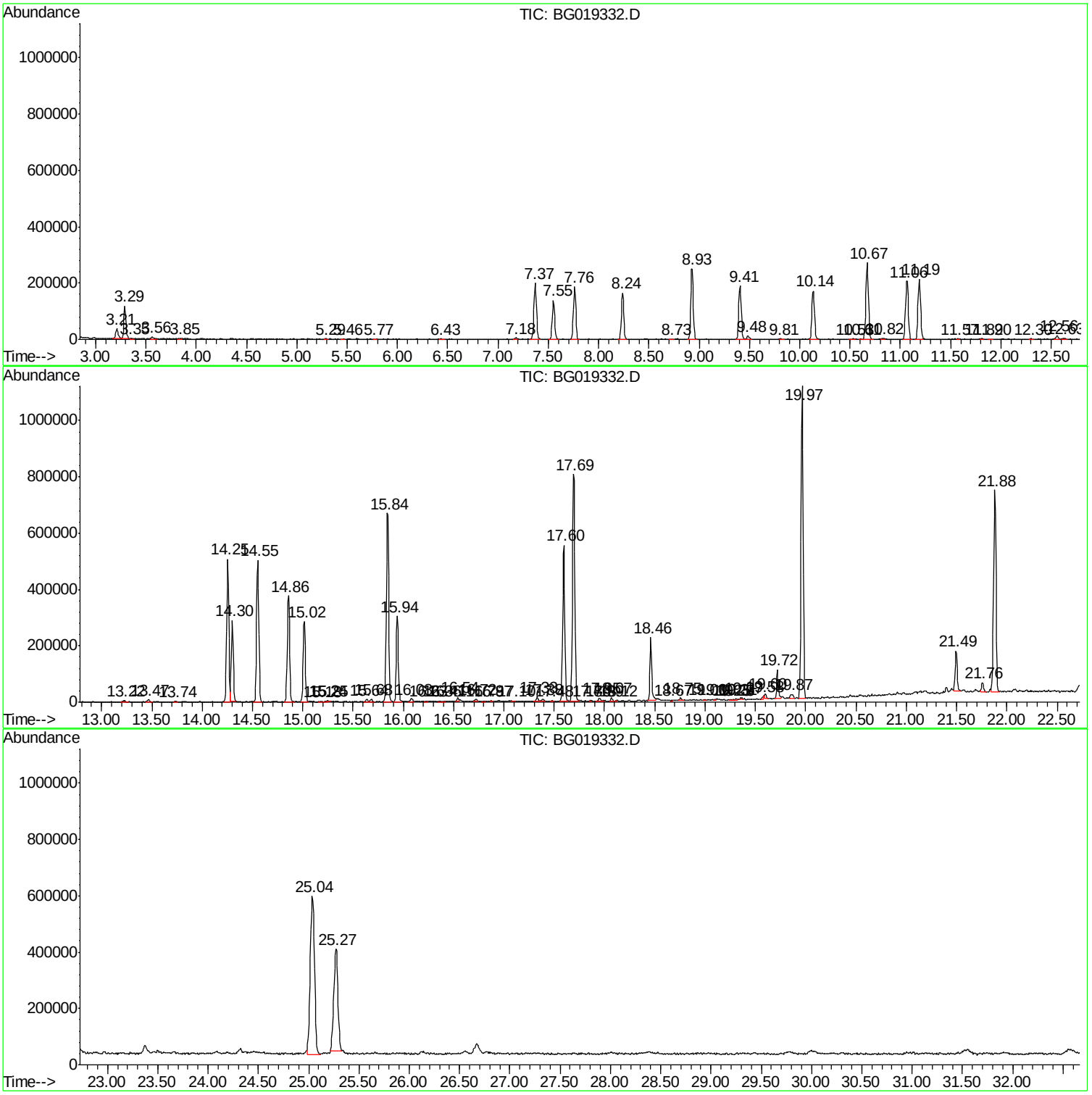
Sum of corrected areas: 16734902

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019332.D
Acq On : 24 Oct 2015 12:20
Operator : UM/NP
Sample : G4075-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9J3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019332.D
Acq On : 24 Oct 2015 12:20
Operator : UM/NP
Sample : G4075-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

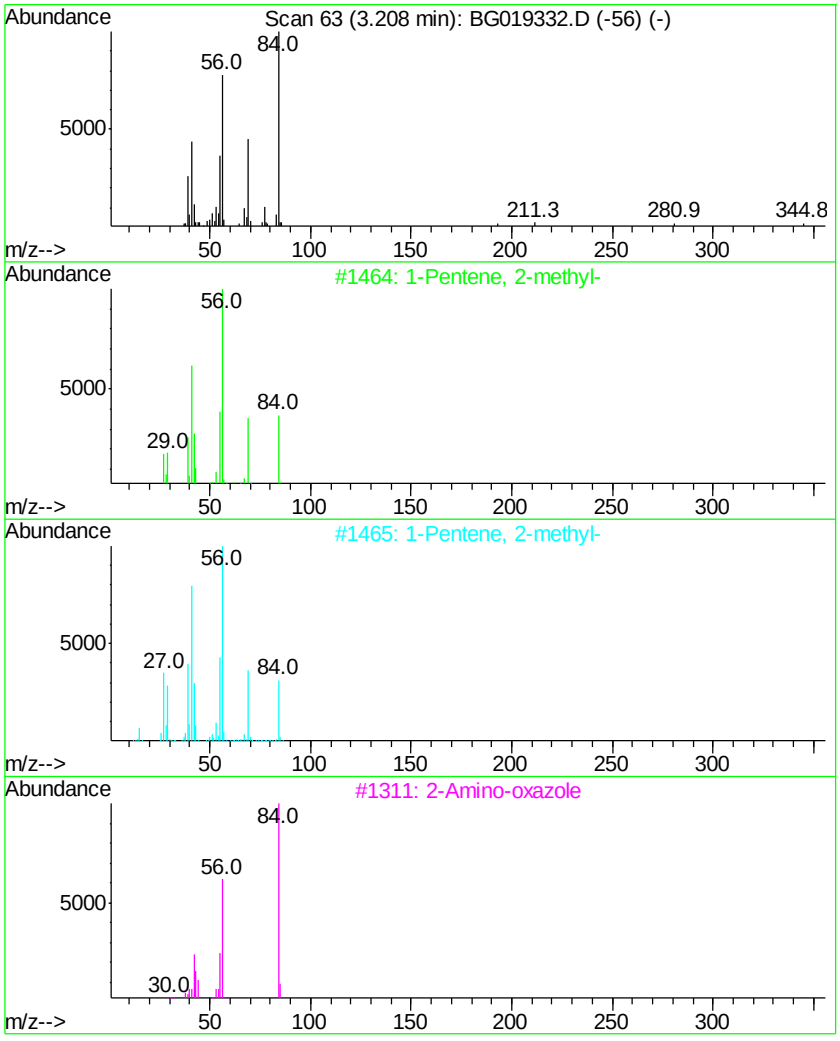
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

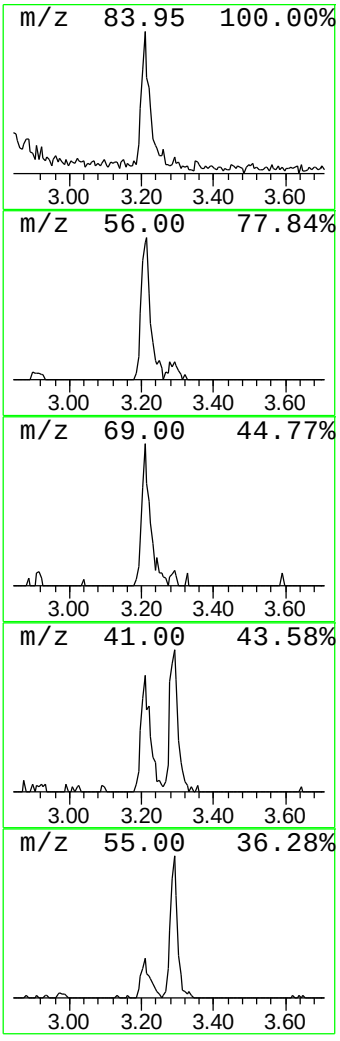
****

Peak Number 1 (DEL) Alkane: Cyclic3.21 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	5.21 ng/ul	70938	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	2-Amino-oxazole	84	C3H4N2O	004570-45-0	59
4	Pyridine-D5-	84	C5D5N	007291-22-7	59
5	Cyclohexane	84	C6H12	000110-82-7	56





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019332.D
Acq On : 24 Oct 2015 12:20
Operator : UM/NP
Sample : G4075-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

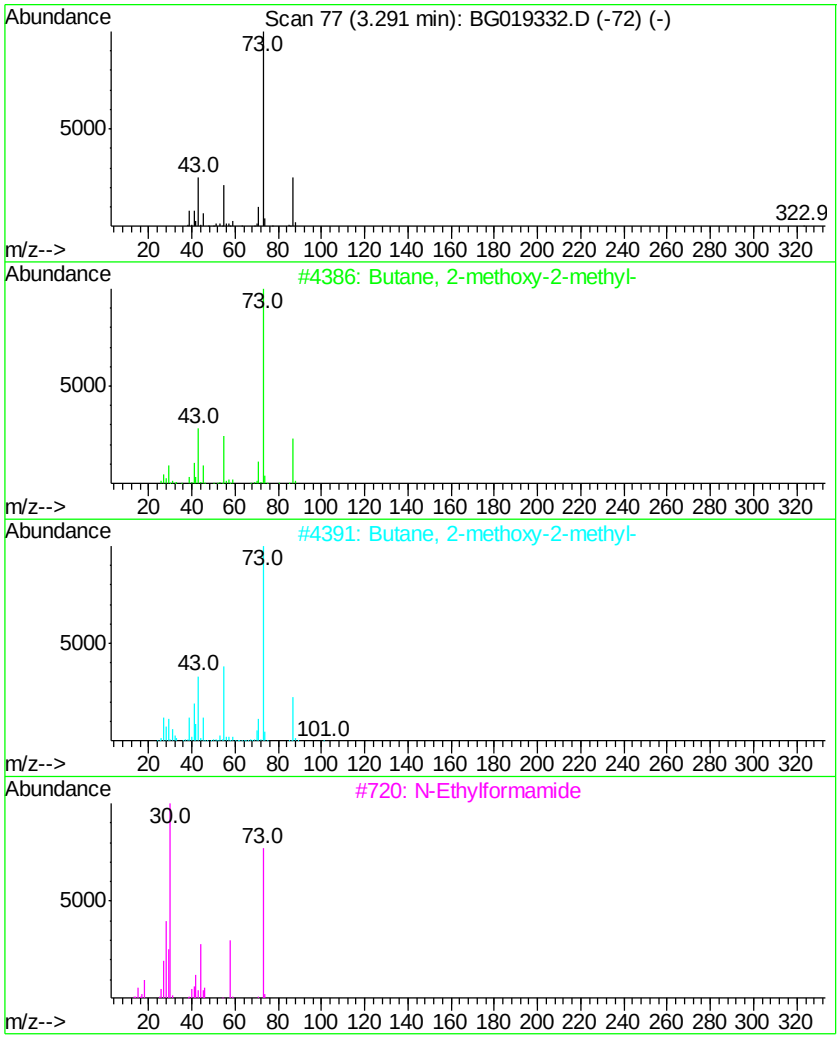
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

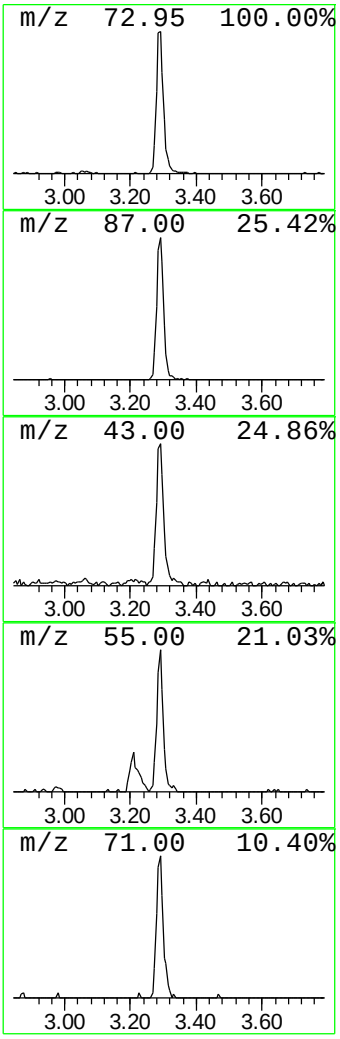
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	13.12 ng/ul	178566	1,4-Dichlorobenzene-d4	8.24

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	64
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019332.D
Acq On : 24 Oct 2015 12:20
Operator : UM/NP
Sample : G4075-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

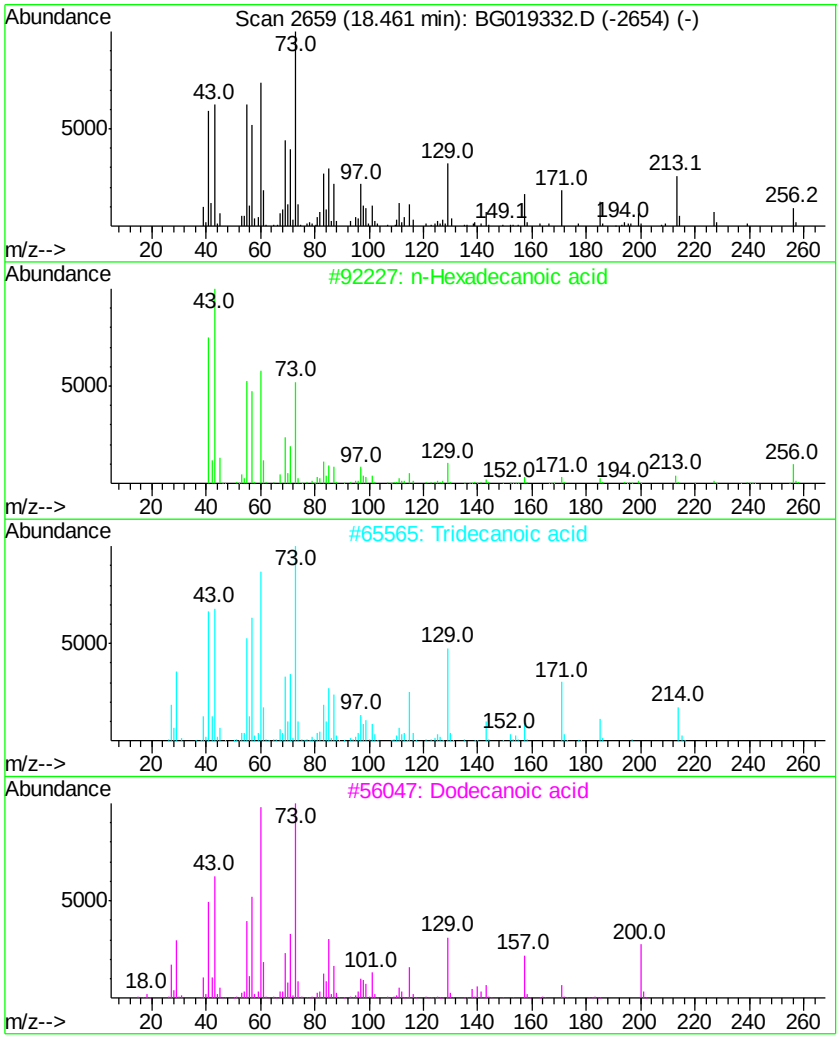
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

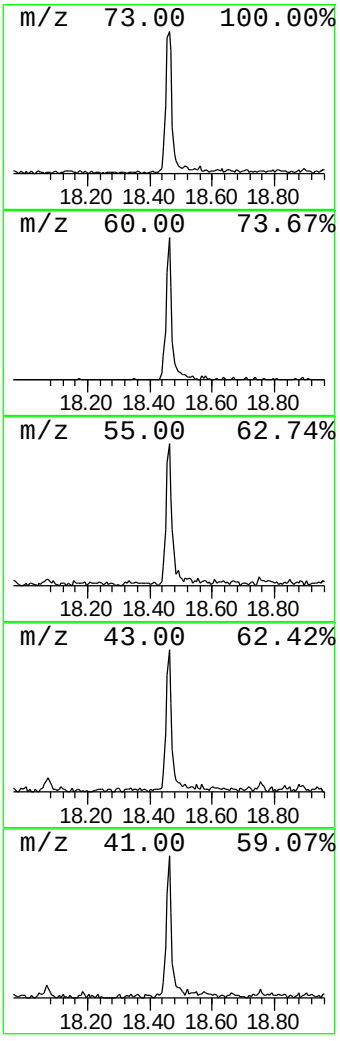
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	7.00 ng/ul	298016	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Dodecanoic acid	200	C12H24O2	000143-07-7	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019332.D
Acq On : 24 Oct 2015 12:20
Operator : UM/NP
Sample : G4075-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

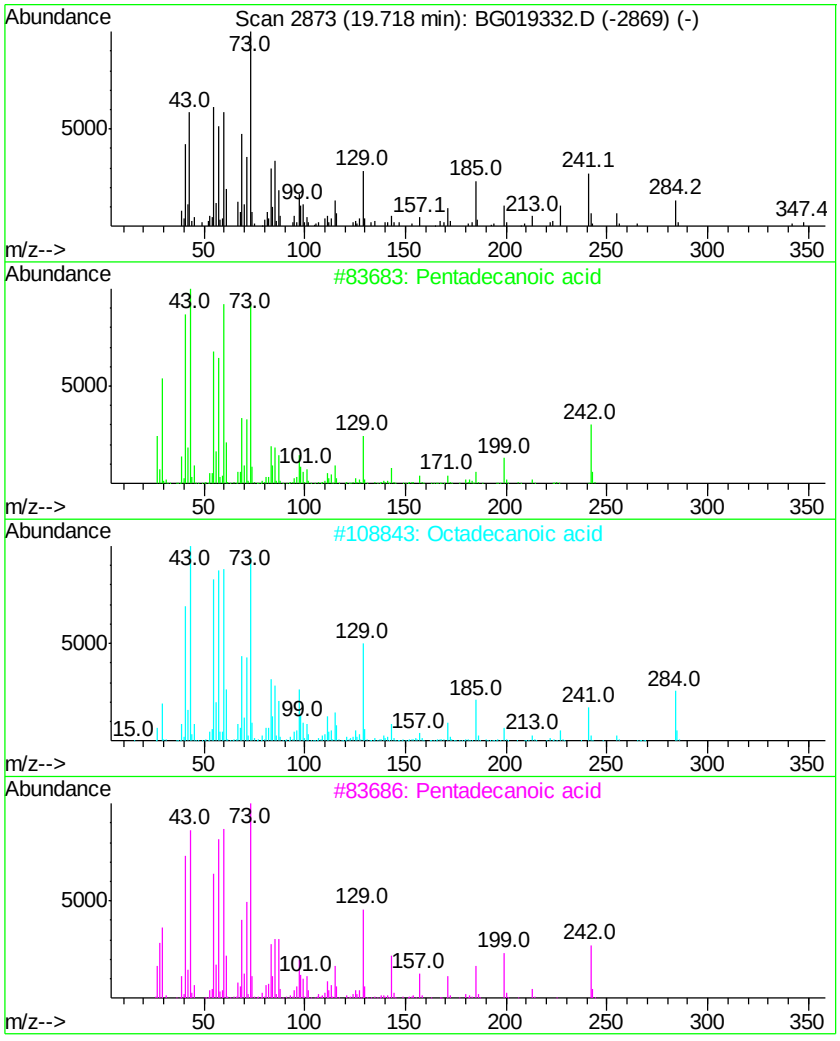
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

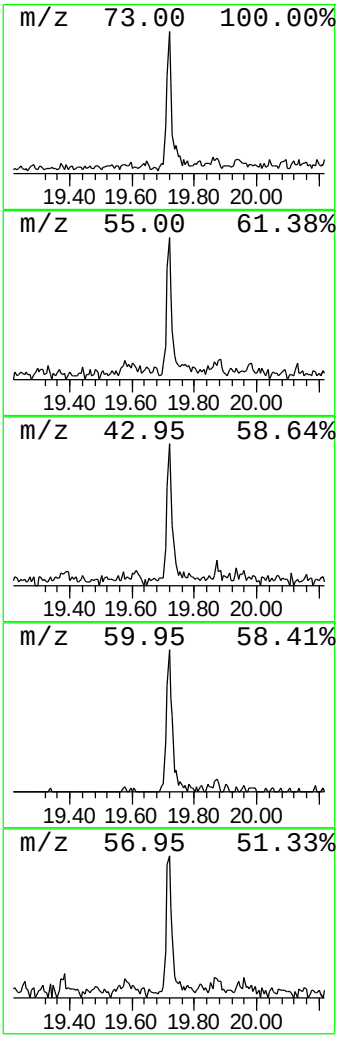
****

Peak Number 4 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.94 ng/ul	125290	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
2	Octadecanoic acid	284	C18H36O2	000057-11-4	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Octadecanoic acid	284	C18H36O2	000057-11-4	62
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019332.D
Acq On : 24 Oct 2015 12:20
Operator : UM/NP
Sample : G4075-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

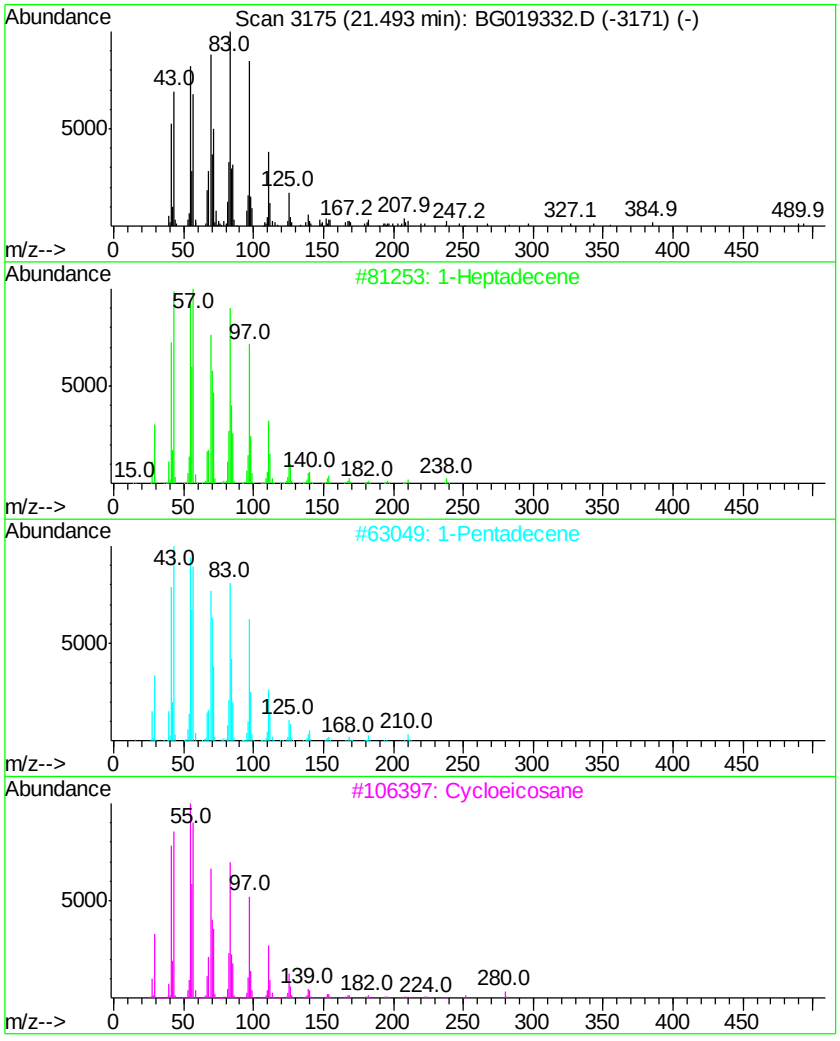
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

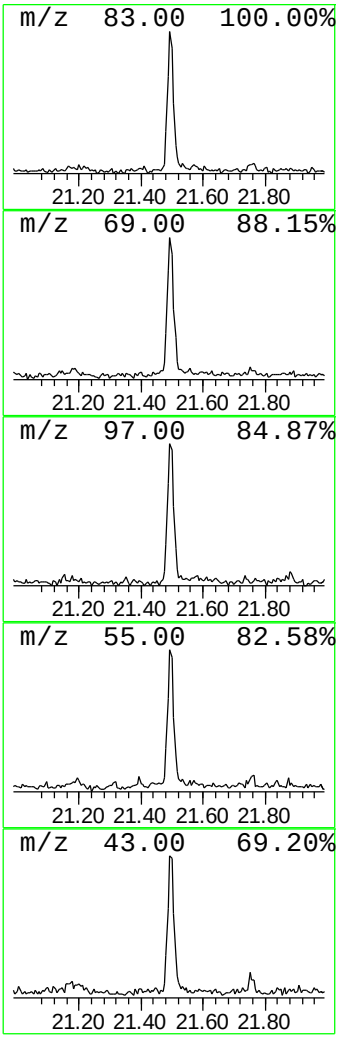
****

Peak Number 5 (DEL) Alkane: Cyclic21.49 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	3.28 ng/ul	195395	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	90
2	1-Pentadecene	210	C15H30	013360-61-7	86
3	Cycloeicosane	280	C20H40	000296-56-0	68
4	1-Docosene	308	C22H44	001599-67-3	68
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
Data File : BG019332.D
Acq On : 24 Oct 2015 12:20
Operator : UM/NP
Sample : G4075-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.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...	3.21	5.2	ng/ul	70938	1	8.24	272229	20.0
Butane, 2-methoxy...	3.29	13.1	ng/ul	178566	1	8.24	272229	20.0
n-Hexadecanoic acid	18.46	7.0	ng/ul	298016	4	17.60	851813	20.0
Pentadecanoic acid	19.72	2.9	ng/ul	125290	4	17.60	851813	20.0
(DEL) Alkane: Cyc...	21.49	3.3	ng/ul	195395	5	21.88	1191290	20.0