LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019328.D
Acq On : 24 Oct 2015 9:49
Operator : UM/NP
Sample : G4075-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9K9

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	2.902	9	11	15	rVB3	2578	3245	0.25%	0.020%
2	3.131	46	50	53	rBV3	1824	2910	0.23%	0.018%
3	3.208	58	63	72	rVV2	28380	54131	4.23%	0.335%
4	3.290	72	77	86	rVB2	77127	114688	8.95%	0.709%
5	3.566	119	124	128	rBV4	5784	8815	0.69%	0.054%
6	3.672	138	142	145	rVB3	1481	2010	0.16%	0.012%
7	3.854	169	173	177	rVB3	3942	4788	0.37%	0.030%
8	4.036	199	204	207	rVB	2186	2668	0.21%	0.016%
9	4.847	339	342	345	rBV2	1575	2326	0.18%	0.014%
10	4.994	362	367	369	rVB	2356	2286	0.18%	0.014%
11	5.599	468	470	475	rVB	2363	3031	0.24%	0.019%
12	6.433	609	612	615	rBV	1494	2206	0.17%	0.014%
13	6.974	701	704	708	rBV	1231	1943	0.15%	0.012%
14	7.173	735	738	744	rVB4	3841	6124	0.48%	0.038%
15	7.367	764	771	779	rVB2	159608	268025	20.93%	1.657%
16	7.549	796	802	811	rBV	111074	177899	13.89%	1.100%
17	7.761	830	838	845	rBV	145406	241932	18.89%	1.496%
18	8.237	911	919	926	rBV	191187	327976	25.61%	2.027%
19	8.930	1027	1037	1044	rVB2	199704	336090	26.24%	2.078%
20	9.406	1112	1118	1126	rVB	154048	268036	20.93%	1.657%
21	9.482	1126	1131	1137	rBV2	7712	12494	0.98%	0.077%
22	9.812	1180	1187	1191	rBV3	3329	6377	0.50%	0.039%
23	9.882	1197	1199	1204	rBV	2022	2390	0.19%	0.015%
24	10.135	1234	1242	1253	rVB	143623	254456	19.87%	1.573%
25	10.329	1269	1275	1277	rBV2	2279	2213	0.17%	0.014%
26	10.669	1325	1333	1340	rBV2	207262	370486	28.93%	2.290%
27	10.734	1342	1344	1349	rVB	1899	2465	0.19%	0.015%
28	11.069	1393	1401	1409	rVB	259112	469690	36.67%	2.903%
29	11.186	1414	1421	1430	rBV	165809	302529	23.62%	1.870%
30	11.386	1453	1455	1459	rBV	1736	2228	0.17%	0.014%
31	11.815	1522	1528	1534	rVB2	2963	6116	0.48%	0.038%
32	12.573	1654	1657	1661	rBV2	1608	2188	0.17%	0.014%
33	12.632	1661	1667	1673	rVB2	4649	8494	0.66%	0.053%
34	12.773	1688	1691	1696	rVB	1515	2121	0.17%	0.013%

LSC Area Percent Report

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Data File : BG019328.D
Acq On : 24 Oct 2015 9:49
Operator : UM/NP
Sample : G4075-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9K9

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	12.832	1696	1701	1703	rBV	1549	2278	0.18%	0.014%
36	12.961	1720	1723	1726	rBV	1393	1980	0.15%	0.012%
37	13.225	1762	1768	1773	rVB2	7634	10930	0.85%	0.068%
38	13.460	1802	1808	1815	rBV2	9525	16238	1.27%	0.100%
39	13.736	1852	1855	1861	rVB2	4711	6687	0.52%	0.041%
40	14.065	1908	1911	1914	rVB	1903	2243	0.18%	0.014%
41	14.130	1920	1922	1926	rVB2	1744	1974	0.15%	0.012%
42	14.253	1935	1943	1947	rBV	411311	574346	44.84%	3.550%
43	14.300	1947	1951	1957	rVB	125161	170690	13.33%	1.055%
44	14.377	1962	1964	1968	rVB	2730	2738	0.21%	0.017%
45	14.471	1979	1980	1982	rBV	2733	2627	0.21%	0.016%
46	14.553	1988	1994	2001	rBV	414213	632658	49.40%	3.911%
47	14.741	2022	2026	2028	rBV2	3436	4677	0.37%	0.029%
48	14.859	2039	2046	2055	rVB3	460527	732421	57.19%	4.528%
49	15.011	2064	2072	2082	rBV	230255	354407	27.67%	2.191%
50	15.235	2107	2110	2117	rBV5	5609	8574	0.67%	0.053%
51	15.423	2138	2142	2145	rVB3	2714	3156	0.25%	0.020%
52	15.458	2145	2148	2151	rBV3	1855	2169	0.17%	0.013%
53	15.564	2162	2166	2168	rBV	2685	3060	0.24%	0.019%
54	15.640	2175	2179	2181	rBV3	7177	10979	0.86%	0.068%
55	15.681	2183	2186	2192	rVB6	12665	16187	1.26%	0.100%
56	15.746	2192	2197	2200	rBV	1783	2354	0.18%	0.015%
57	15.846	2206	2214	2224	rBV	556560	856676	66.89%	5.296%
58	15.940	2224	2230	2238	rBV	219233	327457	25.57%	2.024%
59	16.051	2246	2249	2250	rBV2	2080	2188	0.17%	0.014%
60	16.087	2250	2255	2259	rVB5	10930	16758	1.31%	0.104%
61	16.145	2264	2265	2268	rBV2	1878	1905	0.15%	0.012%
62	16.233	2277	2280	2282	rVB4	1721	1975	0.15%	0.012%
63	16.275	2284	2287	2289	rBV3	2401	2096	0.16%	0.013%
64	16.298	2289	2291	2295	rVB3	2323	2411	0.19%	0.015%
65	16.369	2300	2303	2305	rVB4	2377	2292	0.18%	0.014%
66	16.439	2311	2315	2317	rVB4	1921	2201	0.17%	0.014%
67	16.539	2328	2332	2335	rBV2	22076	28853	2.25%	0.178%
68	16.668	2351	2354	2355	rBV2	3586	3071	0.24%	0.019%
69	16.721	2357	2363	2368	rVB5	16519	28715	2.24%	0.178%
70	16.762	2368	2370	2372	rBV2	2917	3479	0.27%	0.022%
71	16.880	2389	2390	2393	rVB	3516	2553	0.20%	0.016%

LSC Area Percent Report

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Sample : G4075-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9K9

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

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Peak separation: 5

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

72	16.962	2402	2404	2408	rVB4	5603	5556	0.43%	0.034%
73	17.044	2417	2418	2422	rVB4	3427	2921	0.23%	0.018%
74	17.109	2427	2429	2431	rBV2	2313	2617	0.20%	0.016%
75	17.162	2437	2438	2440	rVB2	3486	1994	0.16%	0.012%
76	17.191	2440	2443	2445	rBV3	4384	4861	0.38%	0.030%
77	17.256	2452	2454	2457	rVB4	2404	2379	0.19%	0.015%
78	17.332	2463	2467	2471	rBV3	25723	27768	2.17%	0.172%
79	17.385	2472	2476	2482	rVB3	15934	24465	1.91%	0.151%
80	17.456	2485	2488	2493	rBV6	6180	11386	0.89%	0.070%
81	17.526	2498	2500	2504	rVB5	3453	3292	0.26%	0.020%
82	17.597	2506	2512	2522	rBV	663246	1031285	80.52%	6.375%
83	17.696	2522	2529	2535	rBV2	614046	962285	75.13%	5.948%
84	17.955	2567	2573	2577	rBV	48840	72040	5.62%	0.445%
85	18.072	2590	2593	2598	rVB3	19985	23331	1.82%	0.144%
86	18.343	2635	2639	2645	rBV7	13048	22788	1.78%	0.141%
87	18.407	2645	2650	2656	rBV	482671	672060	52.47%	4.154%
88	18.466	2656	2660	2670	rVB	348621	492868	38.48%	3.047%
89	18.760	2706	2710	2713	rBV6	15446	21338	1.67%	0.132%
90	19.312	2800	2804	2808	rBV6	31897	38774	3.03%	0.240%
91	19.353	2809	2811	2818	rVB8	15484	32058	2.50%	0.198%
92	19.582	2846	2850	2851	rBV3	39105	49008	3.83%	0.303%
93	19.606	2851	2854	2856	rVV2	36723	50199	3.92%	0.310%
94	19.718	2870	2873	2877	rBV	86733	107677	8.41%	0.666%
95	19.964	2909	2915	2924	rVB	844371	1280755	100.00%	7.917%
96	21.498	3172	3176	3182	rVB2	219560	318215	24.85%	1.967%
97	21.880	3235	3241	3248	rVB2	767616	1271066	99.24%	7.857%
98	22.726	3381	3385	3393	rVB4	90337	181823	14.20%	1.124%
99	25.041	3770	3779	3789	rVB	431736	1215083	94.87%	7.511%
100	25.276	3810	3819	3830	rBV2	405285	1125702	87.89%	6.959%

Sum of corrected areas: 16176973

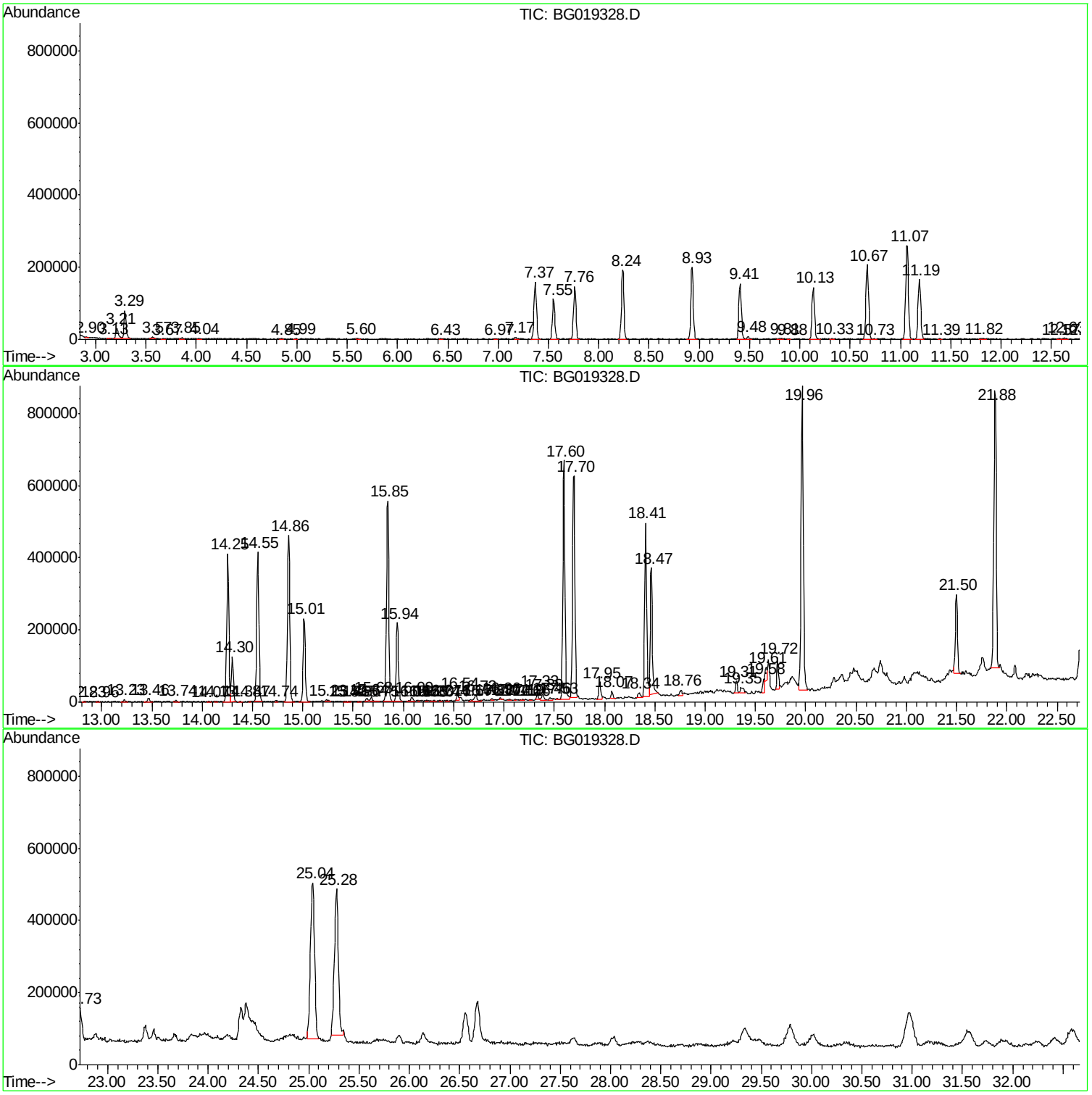
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019328.D
Acq On : 24 Oct 2015 9:49
Operator : UM/NP
Sample : G4075-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9K9

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019328.D
Acq On : 24 Oct 2015 9:49
Operator : UM/NP
Sample : G4075-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9K9

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

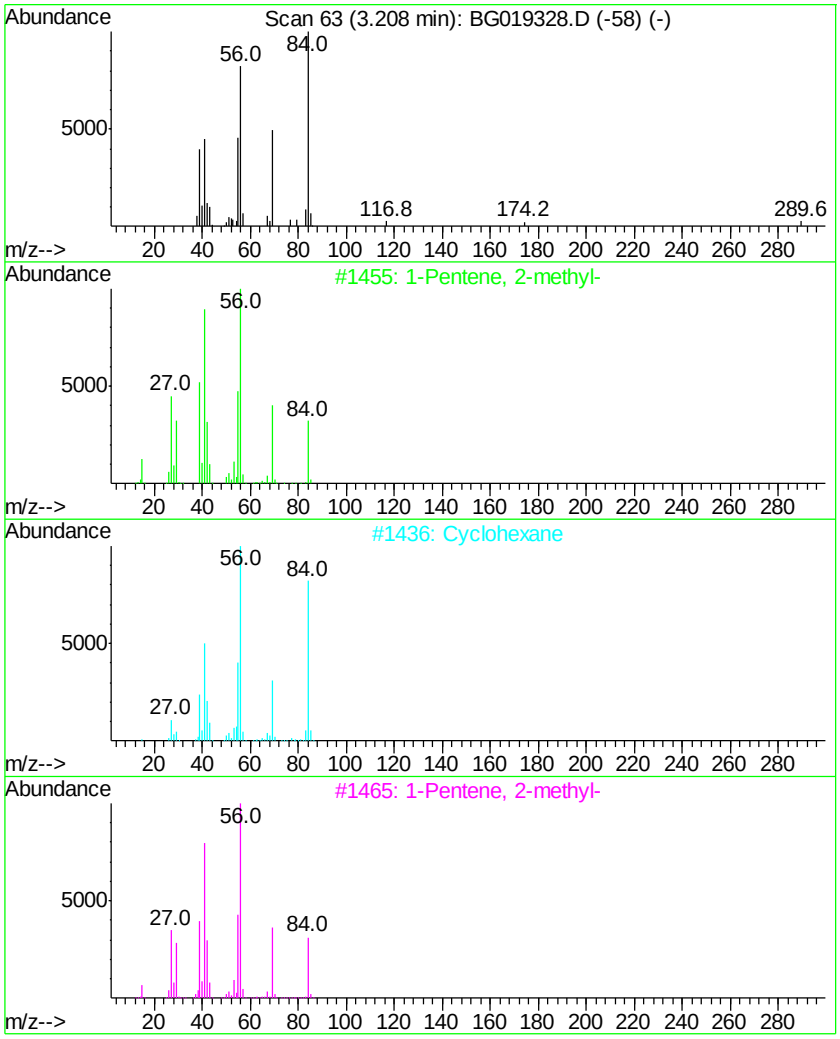
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

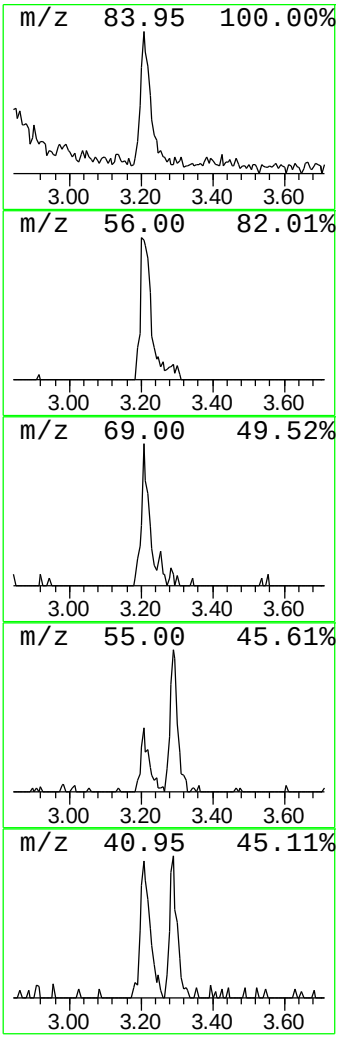
****

Peak Number 1 (DEL) Alkane: Cyclic3.21 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	3.30 ng/ul	54131	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	72
2	Cyclohexane	84	C6H12	000110-82-7	64
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
4	Pyridine-D5-	84	C5D5N	007291-22-7	59
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019328.D
Acq On : 24 Oct 2015 9:49
Operator : UM/NP
Sample : G4075-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9K9

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

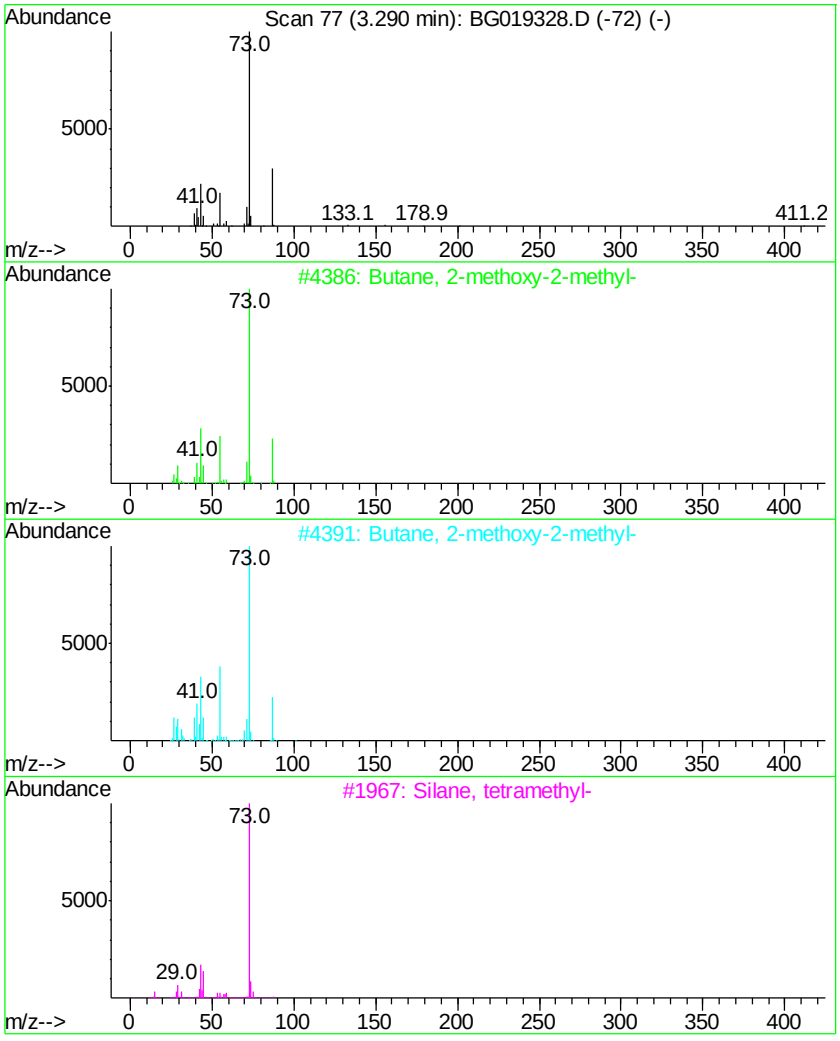
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

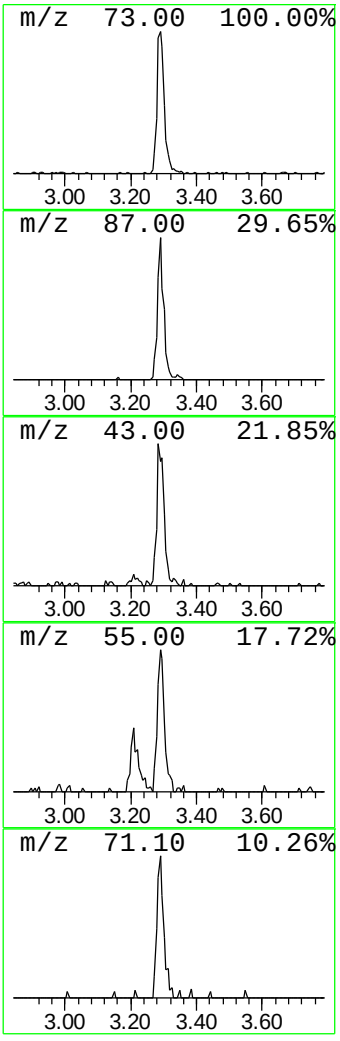
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	6.99 ng/ul	114688	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	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Operator : UM/NP
Sample : G4075-09
Misc :
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Instrument : BNA_G
ClientSampleId : JG9K9

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

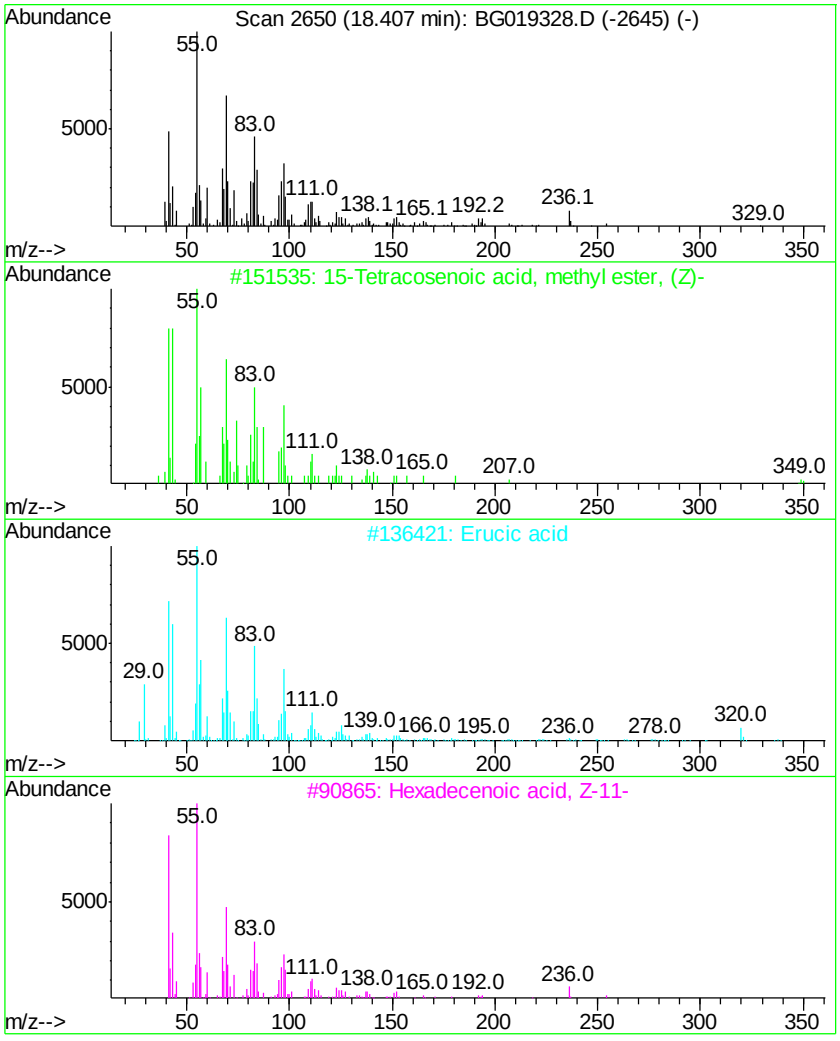
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

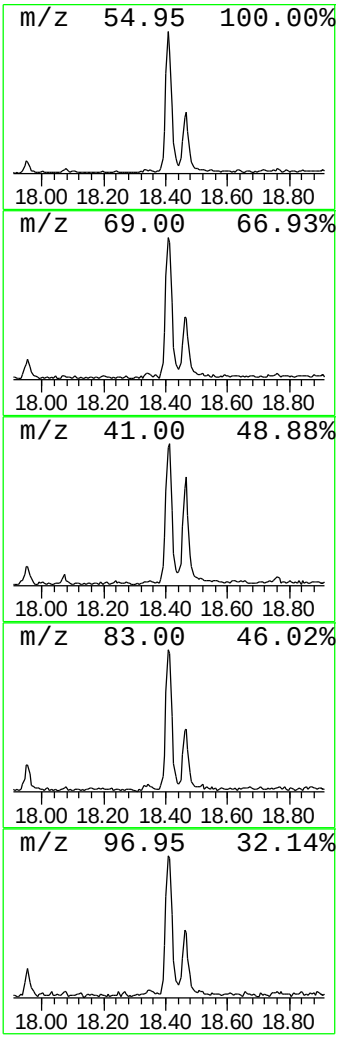
****

Peak Number 3 15-Tetracosenoic acid, meth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	13.03 ng/ul	672060	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	70
2	Erucic acid	338	C22H42O2	000112-86-7	64
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	64
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	49
5	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019328.D
Acq On : 24 Oct 2015 9:49
Operator : UM/NP
Sample : G4075-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9K9

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

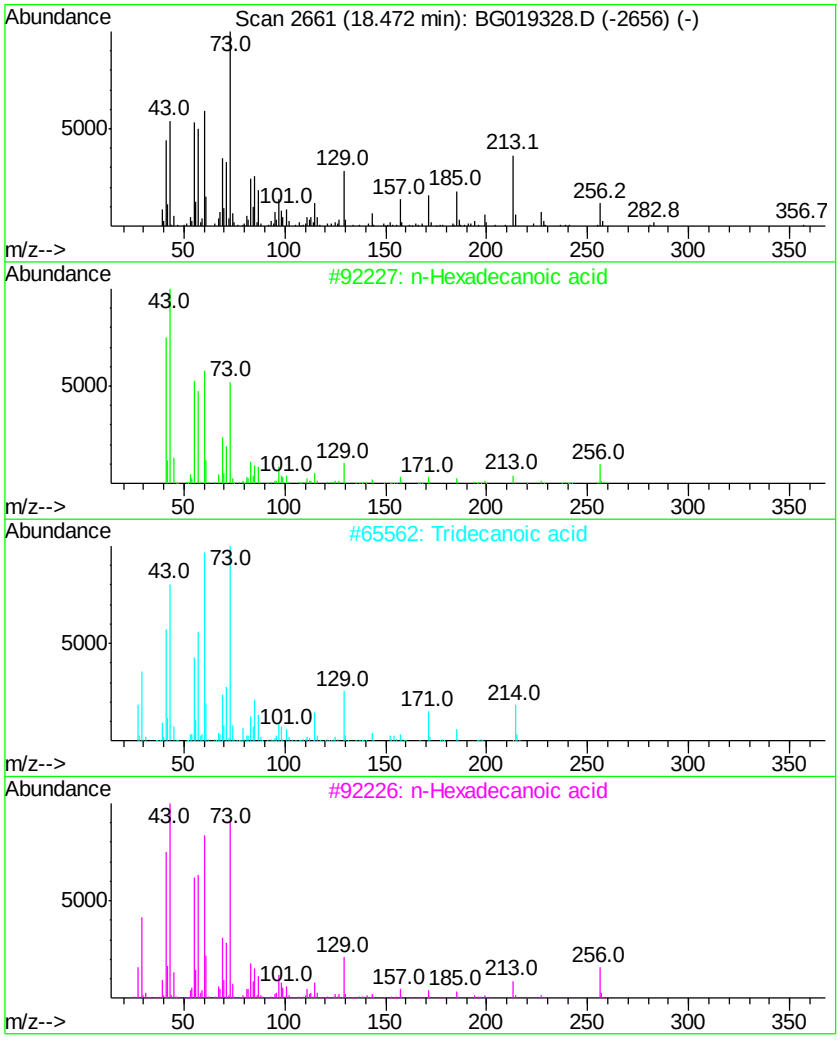
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

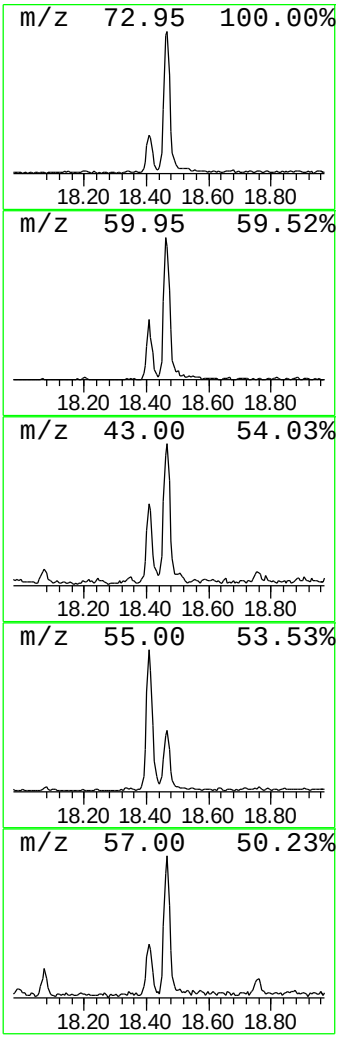
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	9.56 ng/ul	492868	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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Operator : UM/NP
Sample : G4075-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9K9

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

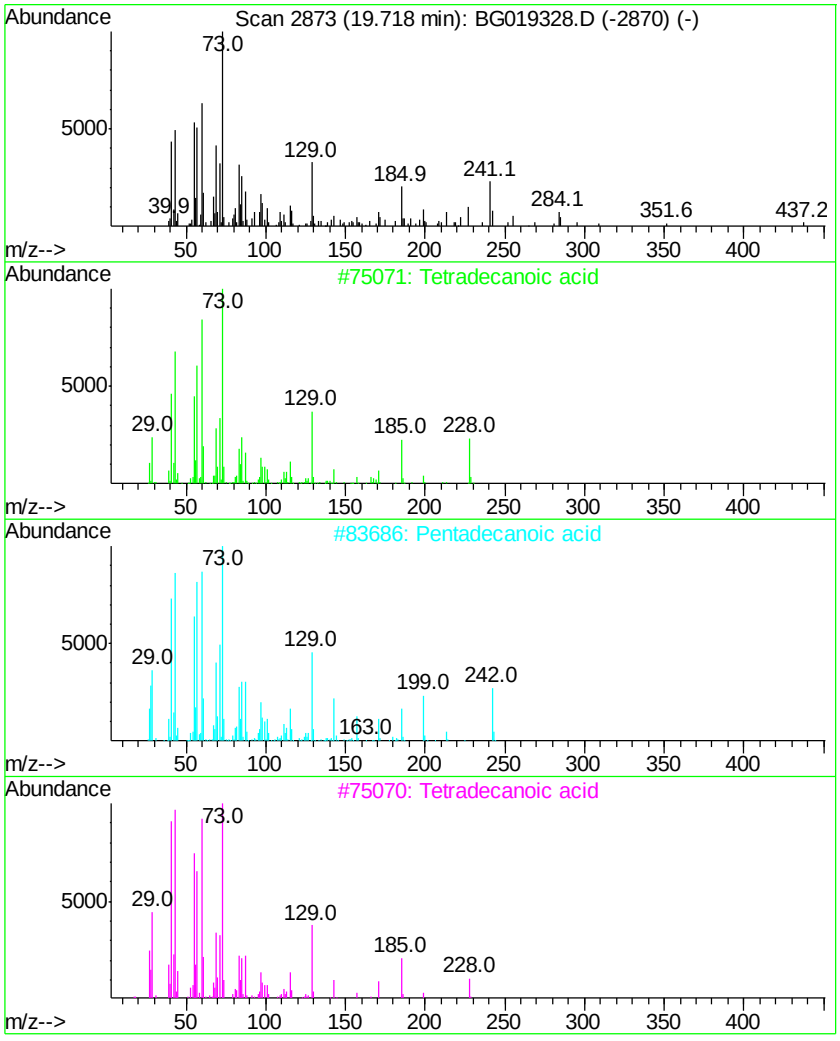
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

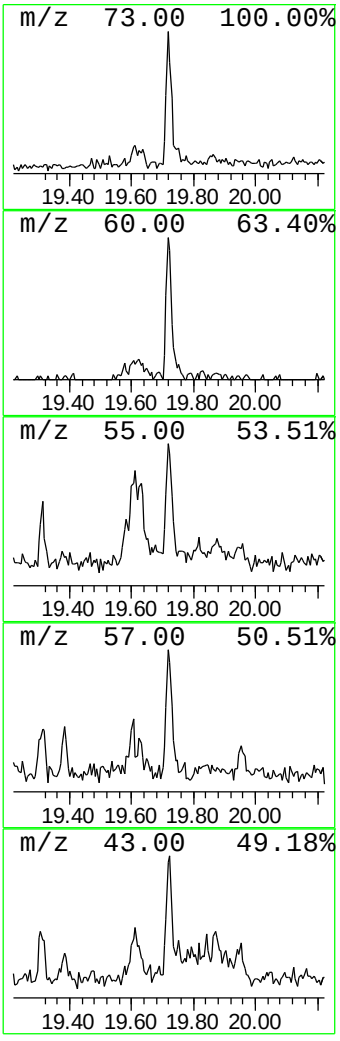
****

Peak Number 5 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.09 ng/ul	107677	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	n-Decanoic acid	172	C10H20O2	000334-48-5	38
5	Dodecanoic acid	200	C12H24O2	000143-07-7	37





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019328.D
Acq On : 24 Oct 2015 9:49
Operator : UM/NP
Sample : G4075-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9K9

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

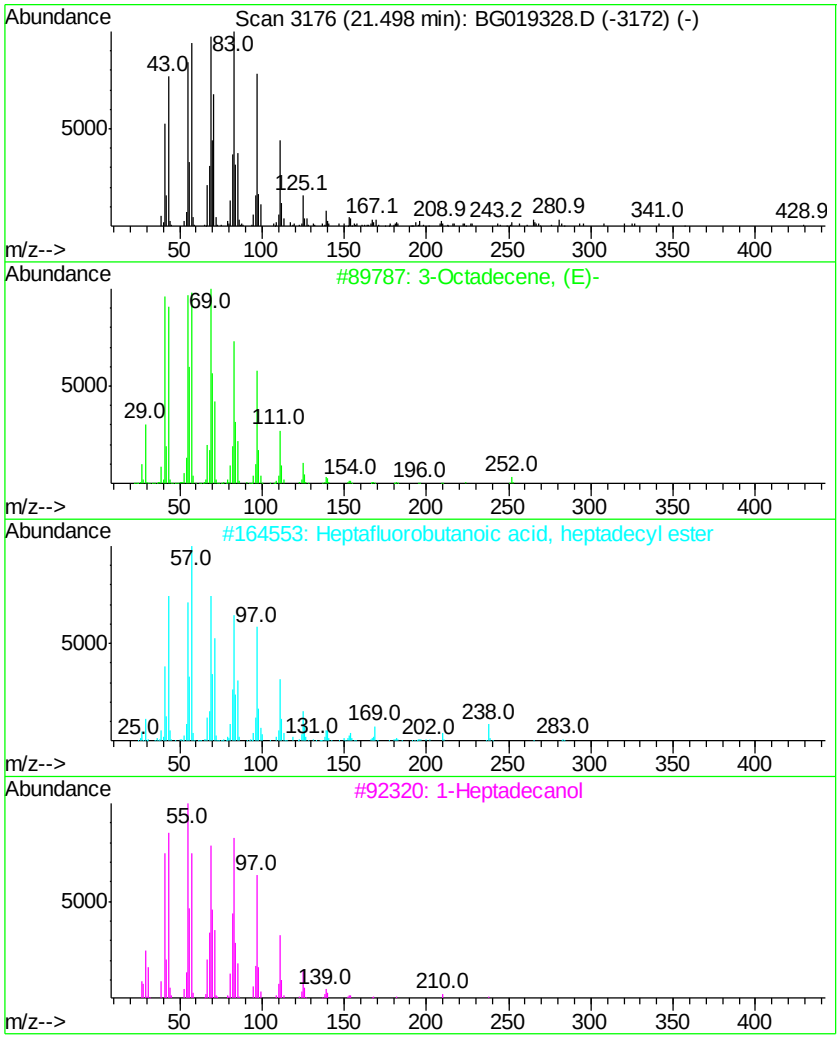
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

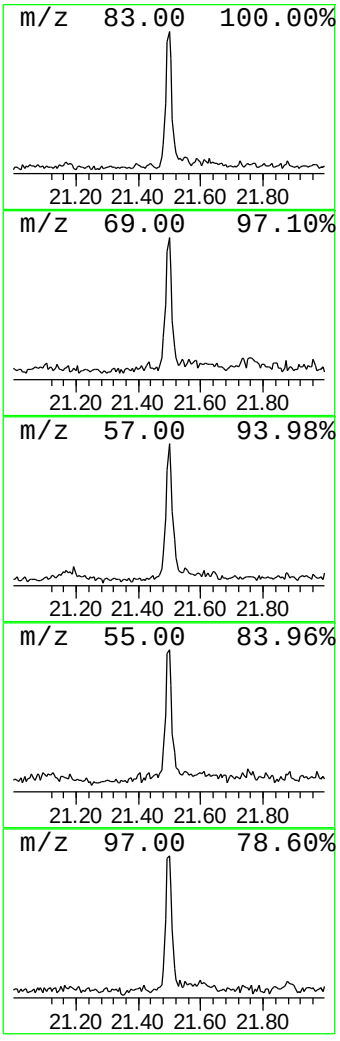
****

Peak Number 6 (DEL) Alkane: Cyclic21.50 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	5.01 ng/ul	318215	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	93
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
3	1-Heptadecanol	256	C17H36O	001454-85-9	83
4	1-Docosene	308	C22H44	001599-67-3	83
5	Isoheptadecanol	256	C17H36O	057289-07-3	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019328.D
Acq On : 24 Oct 2015 9:49
Operator : UM/NP
Sample : G4075-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9K9

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

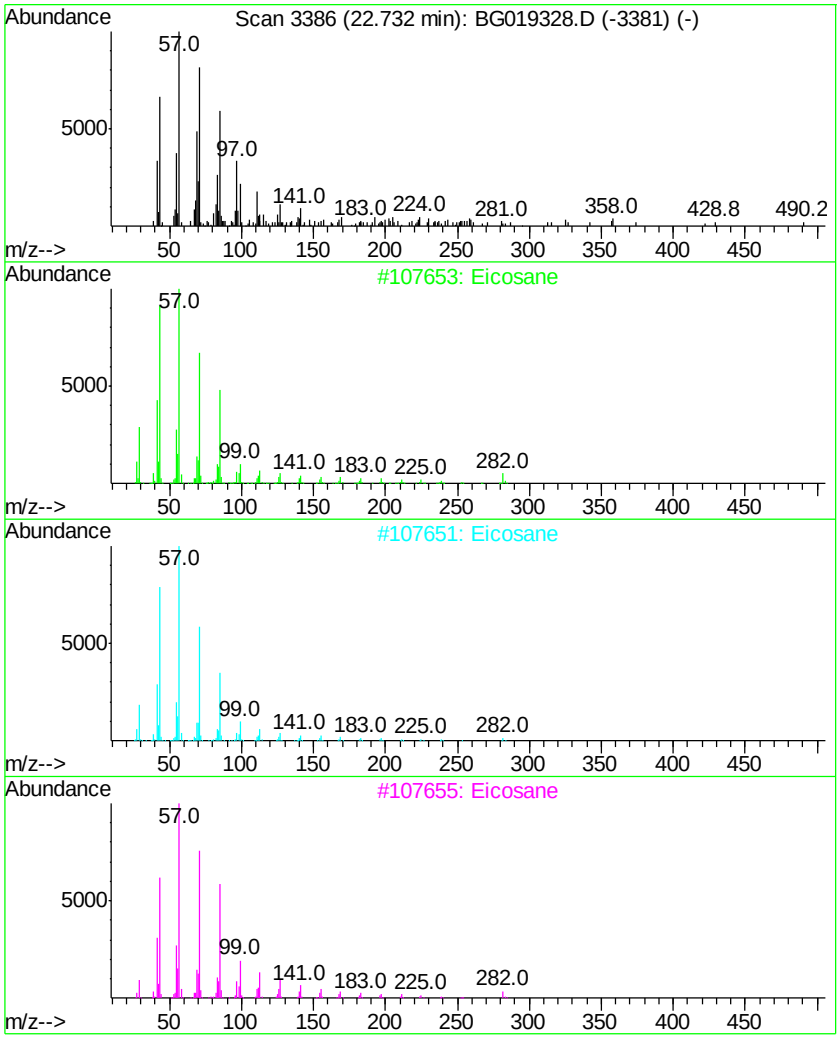
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

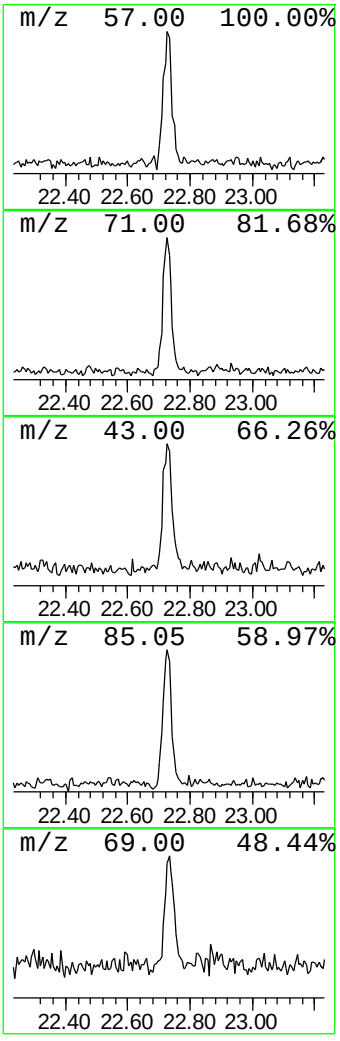
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	2.86 ng/ul	181823	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Eicosane	282	C20H42	000112-95-8	76
3	Eicosane	282	C20H42	000112-95-8	76
4	Tritetracontane	605	C43H88	007098-21-7	74
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
Data File : BG019328.D
Acq On : 24 Oct 2015 9:49
Operator : UM/NP
Sample : G4075-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9K9

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	3.3	ng/ul	54131	1	8.24	327976	20.0
Butane, 2-methoxy...	3.29	7.0	ng/ul	114688	1	8.24	327976	20.0
15-Tetracosenoic ...	18.41	13.0	ng/ul	672060	4	17.60	1031290	20.0
n-Hexadecanoic acid	18.47	9.6	ng/ul	492868	4	17.60	1031290	20.0
Tetradecanoic acid	19.72	2.1	ng/ul	107677	4	17.60	1031290	20.0
(DEL) Alkane: Cyc...	21.50	5.0	ng/ul	318215	5	21.88	1271070	20.0
(DEL) Alkane: Str...	22.73	2.9	ng/ul	181823	5	21.88	1271070	20.0