LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018934.D
Acq On : 27 Sep 2015 4:32
Operator : UM/NP
Sample : G3798-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G60

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-BG091015.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	3.099	38	44	52	rBV2	41343	88090	8.43%	0.805%
2	3.176	52	57	67	rVB	68941	110591	10.58%	1.011%
3	3.434	97	101	106	rVB2	8824	13744	1.31%	0.126%
4	3.716	147	149	156	rVB3	3709	5203	0.50%	0.048%
5	4.480	275	279	284	rVB3	1430	2123	0.20%	0.019%
6	4.780	328	330	335	rBV5	1111	2130	0.20%	0.019%
7	5.103	381	385	389	rVB4	1699	2200	0.21%	0.020%
8	6.642	643	647	649	rBV4	1479	1994	0.19%	0.018%
9	7.165	729	736	745	rBV	149840	259575	24.83%	2.373%
10	7.318	756	762	771	rVB	144404	225681	21.59%	2.063%
11	7.529	790	798	806	rBV	169702	279163	26.70%	2.552%
12	7.993	870	877	884	rBV	179646	296676	28.38%	2.712%
13	8.058	884	888	891	rVB2	3435	4534	0.43%	0.041%
14	8.704	989	998	1006	rBV	149520	254820	24.37%	2.329%
15	9.151	1067	1074	1086	rVB	143951	251168	24.02%	2.296%
16	9.310	1096	1101	1103	rBV5	3582	5756	0.55%	0.053%
17	9.333	1103	1105	1109	rVB3	2751	2777	0.27%	0.025%
18	9.562	1141	1144	1147	rBV3	1934	2386	0.23%	0.022%
19	9.874	1188	1197	1205	rBV	128238	250591	23.97%	2.290%
20	10.038	1222	1225	1228	rVB3	1434	1461	0.14%	0.013%
21	10.420	1282	1290	1301	rBV	208792	377471	36.11%	3.450%
22	10.561	1309	1314	1324	rVB5	4630	9776	0.94%	0.089%
23	10.696	1332	1337	1339	rBV2	1387	2388	0.23%	0.022%
24	10.796	1346	1354	1363	rVB	265122	466378	44.61%	4.263%
25	10.931	1369	1377	1396	rVB	133109	288622	27.61%	2.638%
26	12.112	1574	1578	1579	rBV3	1619	1743	0.17%	0.016%
27	12.377	1618	1623	1628	rBV4	3855	7642	0.73%	0.070%
28	12.664	1666	1672	1673	rBV2	1093	1544	0.15%	0.014%
29	12.923	1711	1716	1720	rBV2	1393	1784	0.17%	0.016%
30	12.976	1720	1725	1732	rVB3	6612	10961	1.05%	0.100%
31	13.070	1737	1741	1744	rBV2	1611	1947	0.19%	0.018%
32	13.217	1762	1766	1773	rVB2	8648	12740	1.22%	0.116%
33	13.505	1811	1815	1823	rVB2	3322	6384	0.61%	0.058%
34	13.828	1866	1870	1878	rBV5	6590	12037	1.15%	0.110%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018934.D
Acq On : 27 Sep 2015 4:32
Operator : UM/NP
Sample : G3798-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G60

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-BG091015.M
Title : SVOA CALIBRATION

35	14.022	1895	1903	1907	rBV	387594	578637	55.35%	5.289%
36	14.063	1907	1910	1916	rVB	201350	280659	26.85%	2.565%
37	14.251	1939	1942	1946	rBV3	2827	2739	0.26%	0.025%
38	14.310	1946	1952	1959	rVB	288600	455181	43.54%	4.160%
39	14.509	1979	1986	1991	rBV4	3636	6658	0.64%	0.061%
40	14.621	1996	2005	2013	rVB2	449679	718482	68.72%	6.567%
41	14.827	2033	2040	2053	rBV2	158048	269819	25.81%	2.466%
42	15.115	2085	2089	2094	rBV3	3073	5005	0.48%	0.046%
43	15.344	2126	2128	2134	rVB4	2505	3308	0.32%	0.030%
44	15.402	2134	2138	2140	rBV4	8553	13129	1.26%	0.120%
45	15.449	2144	2146	2153	rVB3	14765	18603	1.78%	0.170%
46	15.514	2153	2157	2158	rBV	1691	1873	0.18%	0.017%
47	15.608	2167	2173	2184	rBV	261759	397810	38.05%	3.636%
48	15.731	2188	2194	2199	rVV	47346	71959	6.88%	0.658%
49	15.855	2207	2215	2219	rBV5	6500	13297	1.27%	0.122%
50	15.896	2219	2222	2226	rBV4	1830	2235	0.21%	0.020%
51	15.967	2229	2234	2236	rBV2	2688	3153	0.30%	0.029%
52	16.008	2237	2241	2243	rBV2	2702	2895	0.28%	0.026%
53	16.066	2246	2251	2257	rVB6	2673	5870	0.56%	0.054%
54	16.137	2260	2263	2265	rBV3	2522	3064	0.29%	0.028%
55	16.249	2278	2282	2284	rBV4	2176	3494	0.33%	0.032%
56	16.313	2289	2293	2296	rBV	20076	28411	2.72%	0.260%
57	16.384	2304	2305	2308	rVB3	2063	1482	0.14%	0.014%
58	16.489	2319	2323	2328	rVB4	11610	17084	1.63%	0.156%
59	16.554	2332	2334	2339	rBV4	3714	6383	0.61%	0.058%
60	16.648	2348	2350	2355	rBV7	2299	3778	0.36%	0.035%
61	16.748	2365	2367	2369	rBV2	1709	1745	0.17%	0.016%
62	16.889	2388	2391	2397	rBV3	7433	10269	0.98%	0.094%
63	17.100	2424	2427	2432	rBV	19740	25349	2.42%	0.232%
64	17.153	2433	2436	2441	rVB5	8711	13062	1.25%	0.119%
65	17.271	2454	2456	2458	rVB3	2909	2008	0.19%	0.018%
66	17.359	2463	2471	2478	rBV	599483	911510	87.19%	8.331%
67	17.459	2482	2488	2493	rVB2	55227	89122	8.52%	0.815%
68	17.629	2514	2517	2525	rVB2	7499	13409	1.28%	0.123%
69	17.723	2526	2533	2545	rVV4	78856	133549	12.77%	1.221%
70	17.841	2549	2553	2558	rVB	19582	23673	2.26%	0.216%
71	17.988	2577	2578	2579	rVB	4038	1423	0.14%	0.013%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018934.D
Acq On : 27 Sep 2015 4:32
Operator : UM/NP
Sample : G3798-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G60

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-BG091015.M
Title : SVOA CALIBRATION

72	18.017	2579	2583	2590	rBV8	6711	15372	1.47%	0.141%
73	18.240	2616	2621	2630	rBV2	59184	99718	9.54%	0.911%
74	18.522	2665	2669	2676	rBV4	18823	32928	3.15%	0.301%
75	19.086	2761	2765	2774	rBV	488410	656188	62.76%	5.998%
76	19.739	2871	2876	2884	rBV	188060	309048	29.56%	2.825%
77	20.596	3018	3022	3025	rBV	100266	118308	11.32%	1.081%
78	21.249	3130	3133	3140	rVB	101245	134372	12.85%	1.228%
79	21.489	3172	3174	3180	rVB	75166	93663	8.96%	0.856%
80	21.613	3190	3195	3202	rVB	637428	1033453	98.85%	9.446%
81	24.791	3729	3736	3746	rVB2	382463	1045473	100.00%	9.556%

Sum of corrected areas: 10940730

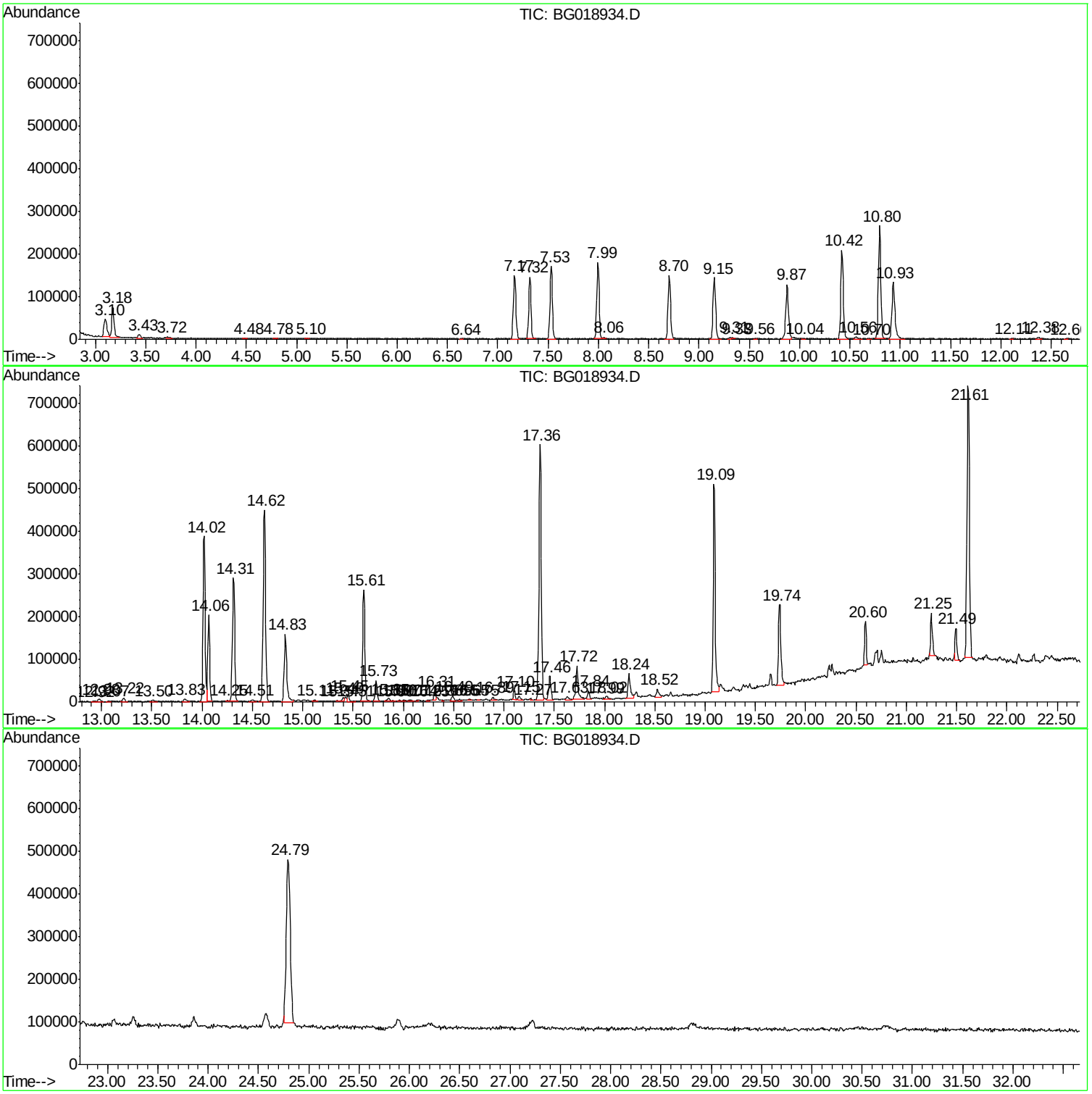
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018934.D
Acq On : 27 Sep 2015 4:32
Operator : UM/NP
Sample : G3798-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.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\BG092515\
Data File : BG018934.D
Acq On : 27 Sep 2015 4:32
Operator : UM/NP
Sample : G3798-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

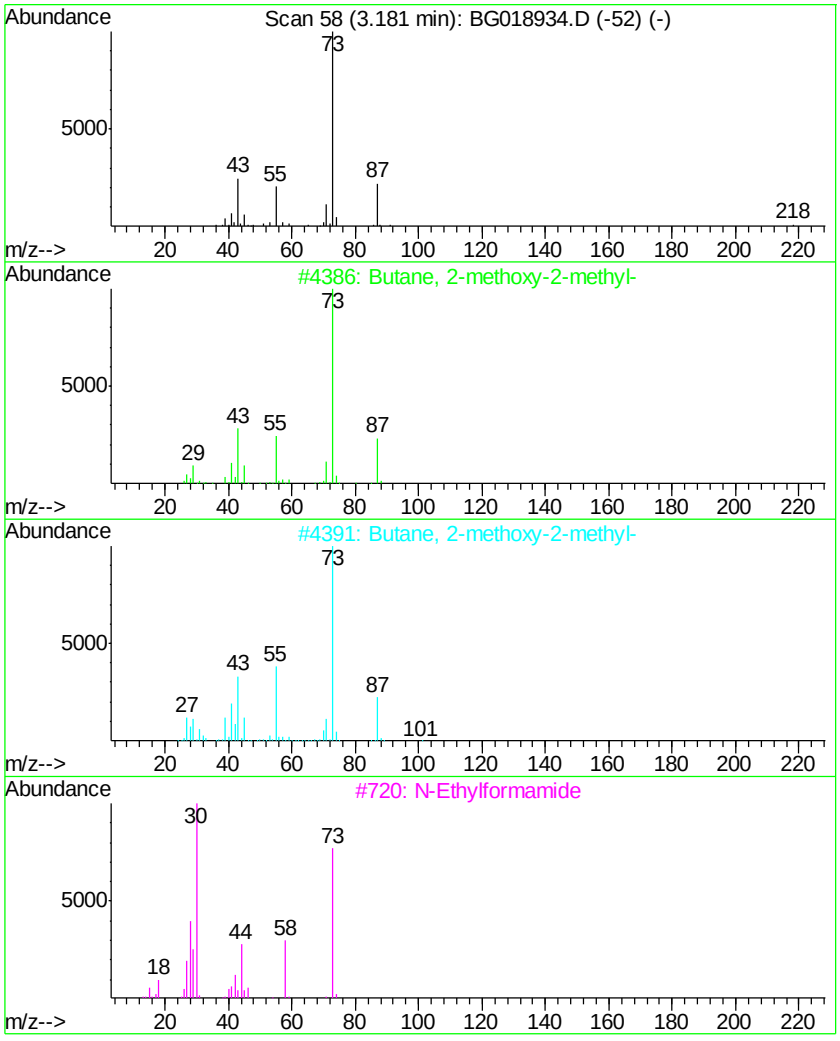
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

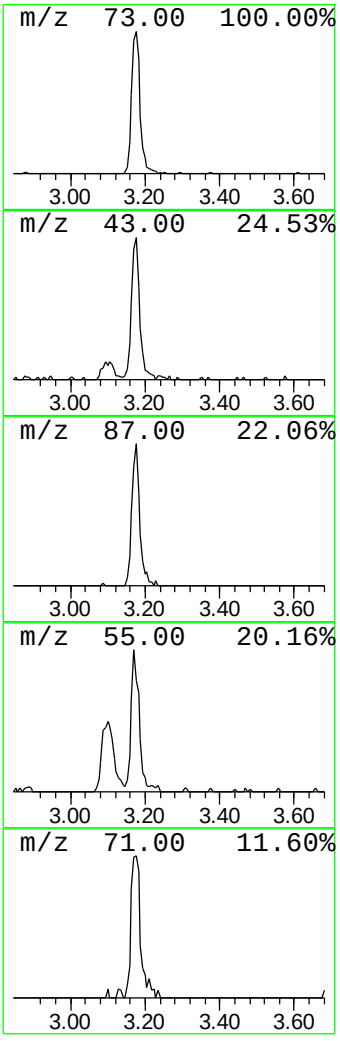
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	7.46 ng/ul	110591	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	43
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018934.D
Acq On : 27 Sep 2015 4:32
Operator : UM/NP
Sample : G3798-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

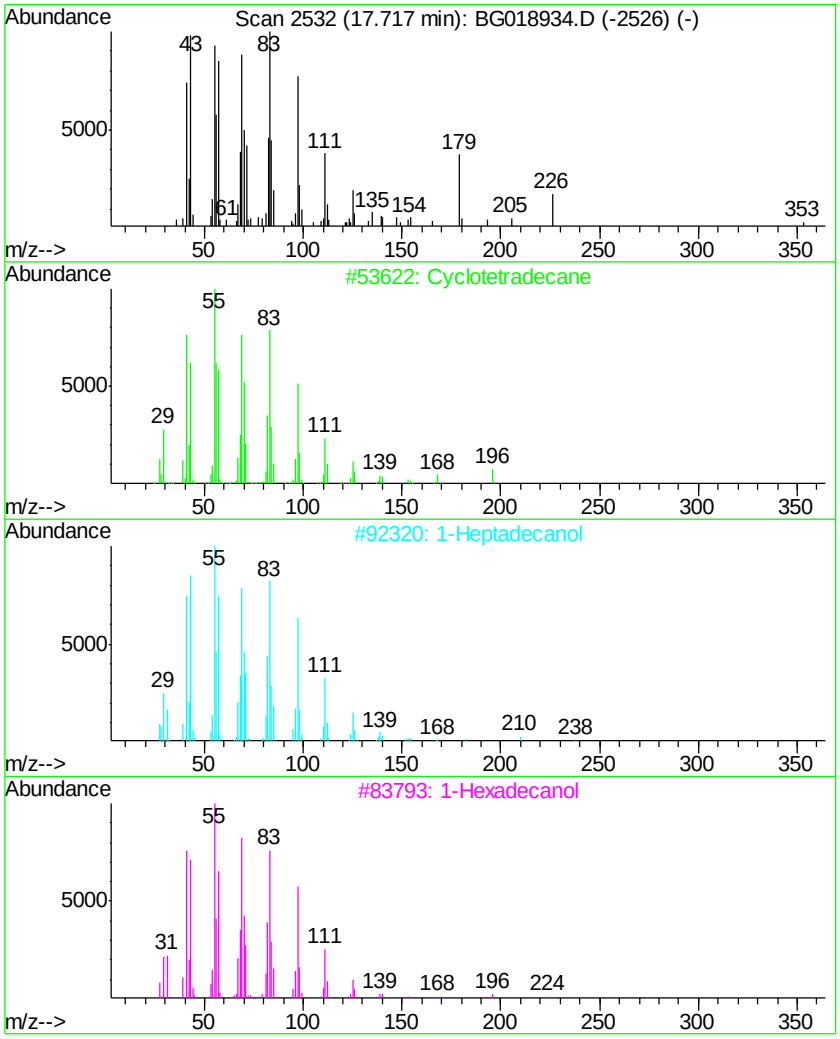
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

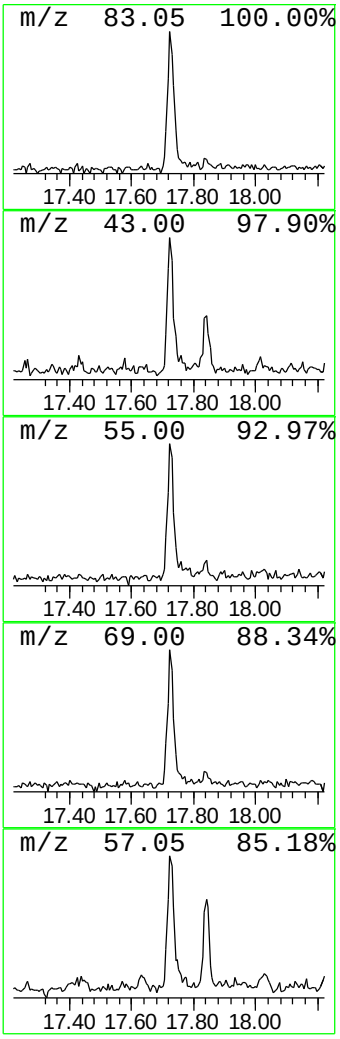
****

Peak Number 3 (DEL) Alkane: Cyclic17.72 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	2.93 ng/ul	133549	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	91
2	1-Heptadecanol	256	C17H36O	001454-85-9	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	1-Pentadecanol	228	C15H32O	000629-76-5	91
5	Cyclotetradecane	196	C14H28	000295-17-0	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018934.D
Acq On : 27 Sep 2015 4:32
Operator : UM/NP
Sample : G3798-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

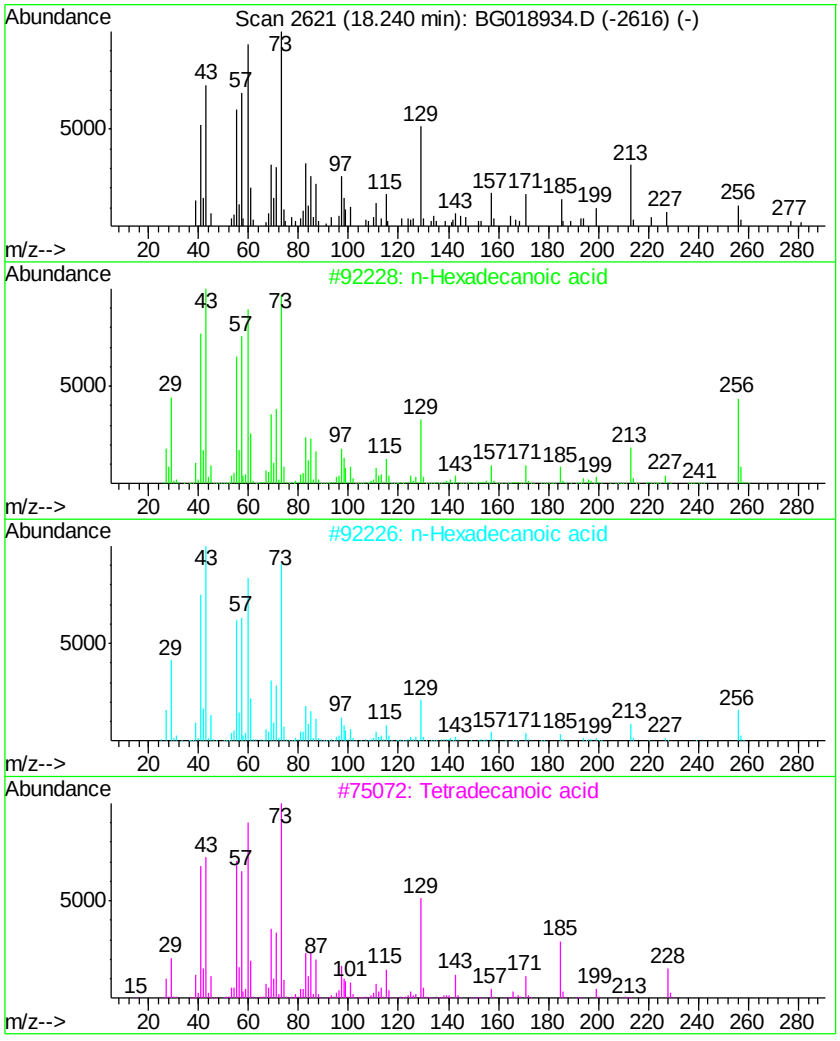
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

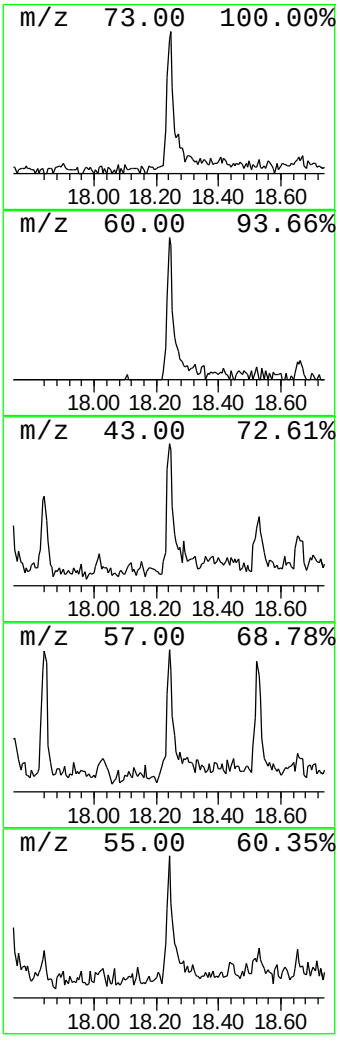
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.19 ng/ul	99718	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018934.D
Acq On : 27 Sep 2015 4:32
Operator : UM/NP
Sample : G3798-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

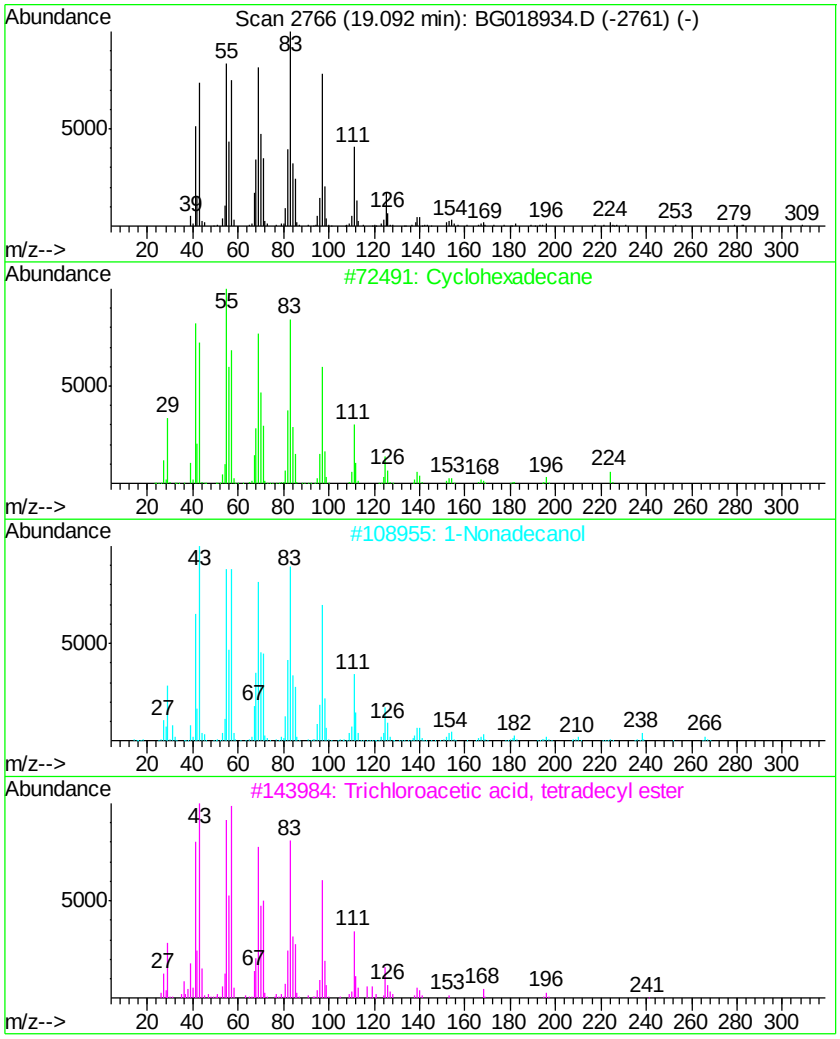
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

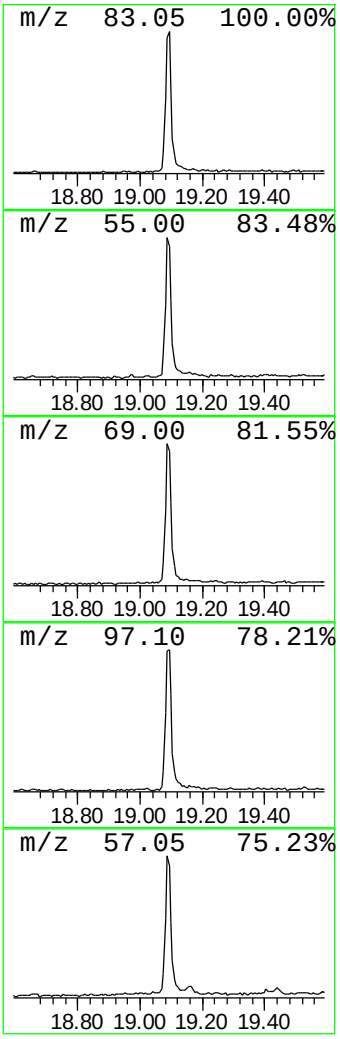
****

Peak Number 5 (DEL) Alkane: Cyclic19.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	14.40 ng/ul	656188	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Nonadecanol	284	C19H40O	001454-84-8	94
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018934.D
Acq On : 27 Sep 2015 4:32
Operator : UM/NP
Sample : G3798-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

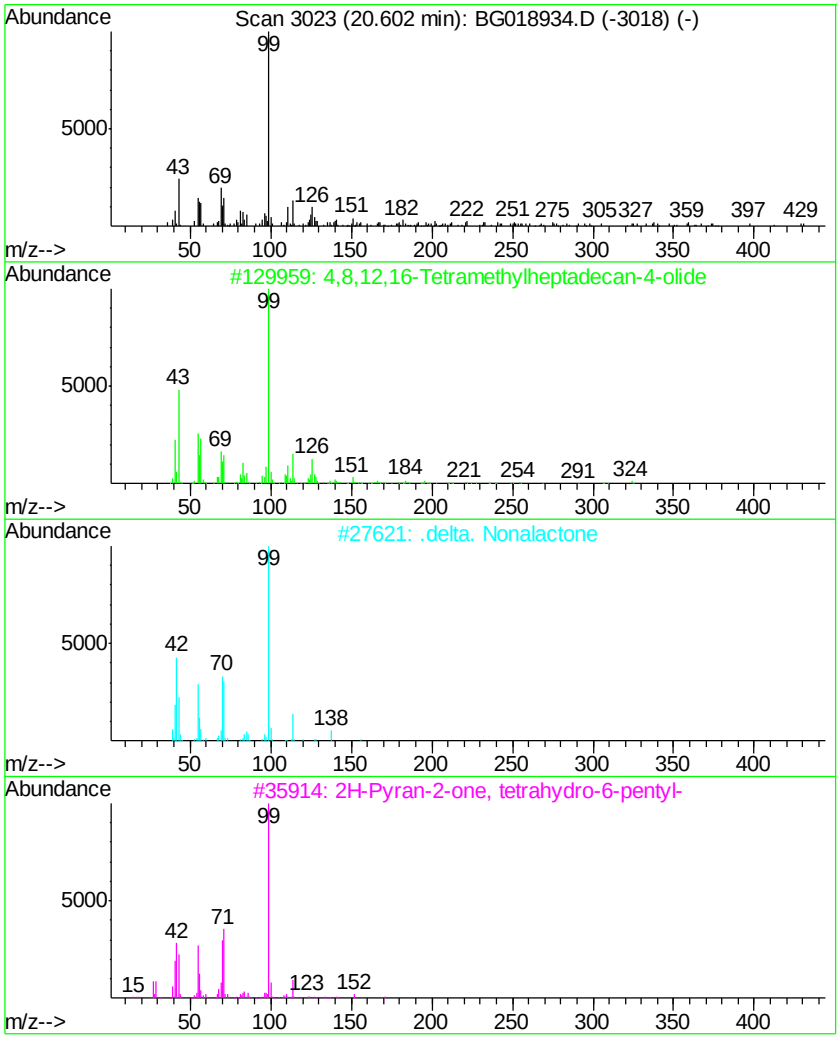
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

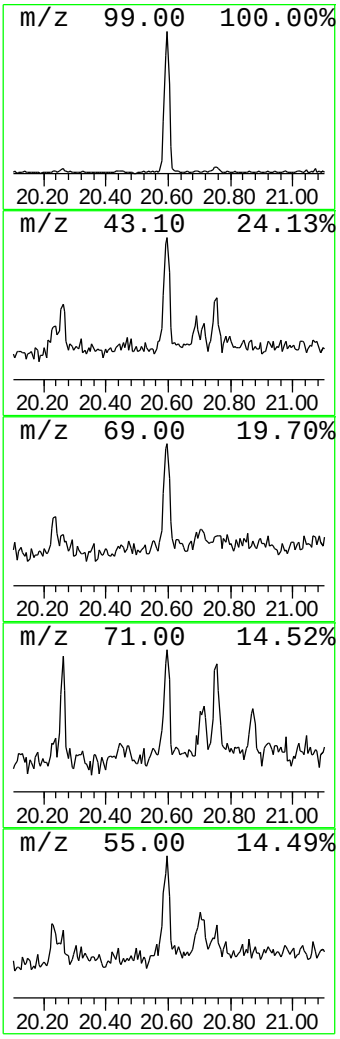
****

Peak Number 6 4,8,12,16-Tetramethylheptad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	2.29 ng/ul	118308	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	96
2	.delta. Nonalactone	156	C9H16O2	003301-94-8	64
3	2H-Pyran-2-one, tetrahydro-6-pen...	170	C10H18O2	000705-86-2	59
4	.delta. Nonalactone	156	C9H16O2	003301-94-8	59
5	Didodecyl phosphate	434	C24H51O4P	007057-92-3	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018934.D
Acq On : 27 Sep 2015 4:32
Operator : UM/NP
Sample : G3798-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

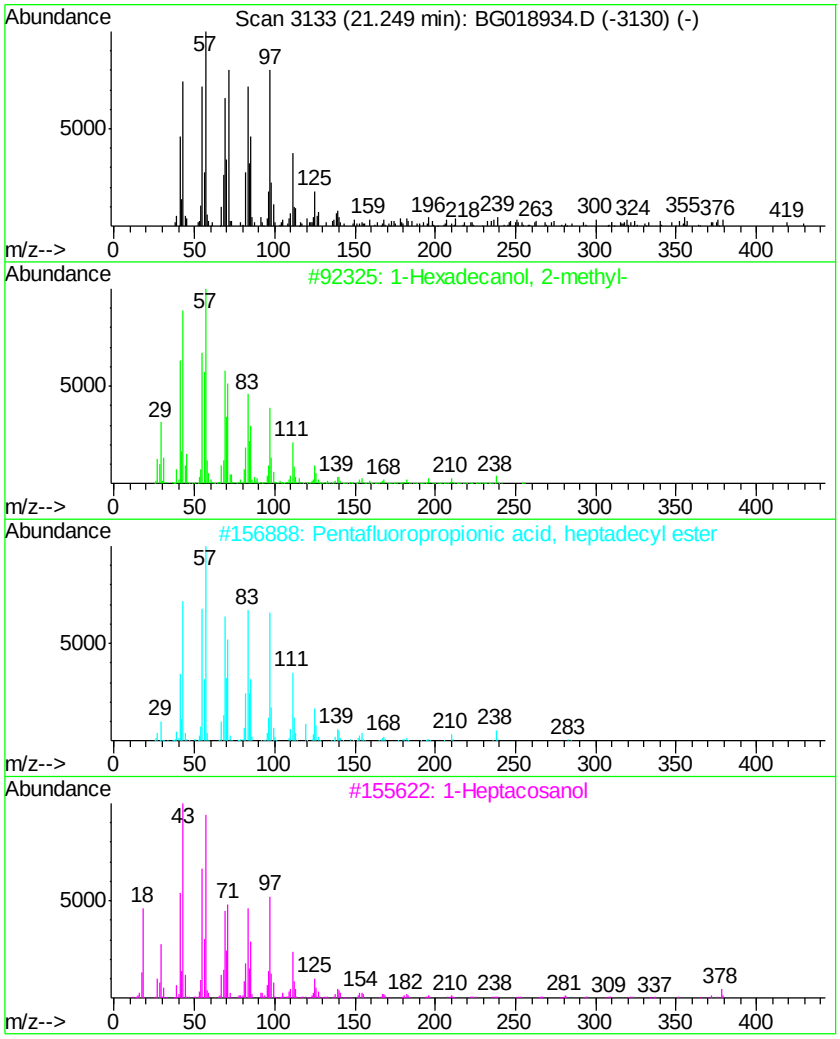
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

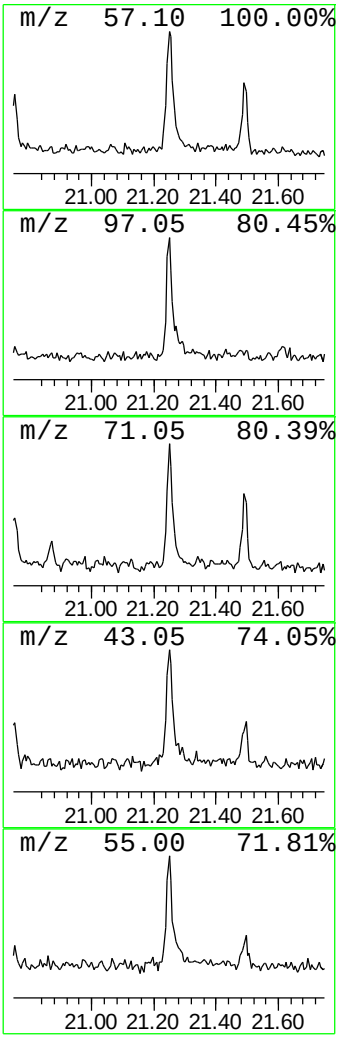
****

Peak Number 7 1-Hexadecanol, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	2.60 ng/ul	134372	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	91
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	83
5	Cyclooctacosane	392	C28H56	000297-24-5	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018934.D
Acq On : 27 Sep 2015 4:32
Operator : UM/NP
Sample : G3798-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.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
Butane, 2-methoxy...	3.18	7.5	ng/ul	110591	1	7.99	296676	20.0
(DEL) Alkane: Cyc...	17.72	2.9	ng/ul	133549	4	17.36	911510	20.0
n-Hexadecanoic acid	18.24	2.2	ng/ul	99718	4	17.36	911510	20.0
(DEL) Alkane: Cyc...	19.09	14.4	ng/ul	656188	4	17.36	911510	20.0
4,8,12,16-Tetrame...	20.60	2.3	ng/ul	118308	5	21.62	1033450	20.0
1-Hexadecanol, 2-...	21.25	2.6	ng/ul	134372	5	21.62	1033450	20.0