LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
Data File : BG019063.D
Acq On : 7 Oct 2015 2:17
Operator : UM/NP
Sample : G3865-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5MY9

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-BG100415.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	2.947	16	18	20	rVB2	1681	1200	0.18%	0.016%
2	3.159	50	54	62	rBV	26711	45770	6.69%	0.605%
3	3.235	62	67	78	rVB	54559	81143	11.86%	1.072%
4	3.376	88	91	93	rBV3	747	1034	0.15%	0.014%
5	3.493	108	111	117	rVB3	4130	6106	0.89%	0.081%
6	3.770	153	158	162	rBV	2309	4697	0.69%	0.062%
7	6.255	578	581	586	rVB4	781	1020	0.15%	0.013%
8	7.025	706	712	713	rBV	993	1468	0.21%	0.019%
9	7.207	736	743	751	rVB	79010	131841	19.27%	1.742%
10	7.371	765	771	778	rVB	68674	108229	15.82%	1.430%
11	7.583	800	807	813	rBV	81624	136220	19.92%	1.800%
12	8.047	878	886	892	rBV	84420	138587	20.26%	1.831%
13	8.106	892	896	901	rVB4	2518	3933	0.57%	0.052%
14	8.417	945	949	952	rVB2	621	1038	0.15%	0.014%
15	8.752	999	1006	1014	rVB	86473	143917	21.04%	1.902%
16	9.204	1074	1083	1091	rVB	91856	154773	22.63%	2.045%
17	9.345	1103	1107	1109	rBV3	1076	1582	0.23%	0.021%
18	9.933	1199	1207	1214	rBV	76319	135519	19.81%	1.791%
19	10.473	1292	1299	1307	rBV	117944	206222	30.15%	2.725%
20	10.626	1318	1325	1330	rBV2	1689	3485	0.51%	0.046%
21	10.855	1356	1364	1371	rBV	132226	226120	33.06%	2.988%
22	10.932	1374	1377	1379	rVV	1068	1036	0.15%	0.014%
23	10.985	1379	1386	1395	rVV	106671	187436	27.40%	2.476%
24	11.731	1509	1513	1514	rBV4	1136	1582	0.23%	0.021%
25	12.277	1600	1606	1607	rBV3	1196	1763	0.26%	0.023%
26	12.436	1628	1633	1637	rVB3	2351	3825	0.56%	0.051%
27	12.506	1642	1645	1649	rVV	1203	1763	0.26%	0.023%
28	12.736	1679	1684	1692	rVB6	2444	5255	0.77%	0.069%
29	13.035	1732	1735	1739	rBV3	3269	4393	0.64%	0.058%
30	13.129	1748	1751	1753	rVV3	2020	2245	0.33%	0.030%
31	13.288	1773	1778	1782	rBV3	4688	7169	1.05%	0.095%
32	13.499	1809	1814	1817	rVB3	1465	1717	0.25%	0.023%
33	13.570	1824	1826	1830	rVB4	1005	1503	0.22%	0.020%
34	13.852	1871	1874	1876	rVB	879	1010	0.15%	0.013%

LSC Area Percent Report

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Sample : G3865-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5MY9

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-BG100415.M
Title : SVOA CALIBRATION

35	13.887	1876	1880	1887	rBV2	5698	9422	1.38%	0.124%
36	13.952	1887	1891	1895	rVV4	1482	2170	0.32%	0.029%
37	13.993	1895	1898	1903	rVB2	1776	2226	0.33%	0.029%
38	14.075	1906	1912	1917	rVV	217604	329761	48.21%	4.357%
39	14.122	1917	1920	1925	rVV	116753	162274	23.72%	2.144%
40	14.157	1925	1926	1930	rVB	1700	1090	0.16%	0.014%
41	14.234	1935	1939	1942	rVB3	2231	3087	0.45%	0.041%
42	14.257	1942	1943	1946	rBV2	1041	1135	0.17%	0.015%
43	14.369	1956	1962	1969	rBV	257600	406528	59.43%	5.371%
44	14.569	1989	1996	2000	rBV4	4947	8015	1.17%	0.106%
45	14.674	2008	2014	2022	rBV2	212079	338892	49.55%	4.478%
46	14.745	2024	2026	2029	rVB2	1528	1425	0.21%	0.019%
47	14.792	2032	2034	2038	rVB3	1080	1104	0.16%	0.015%
48	14.868	2041	2047	2054	rBV	98455	155757	22.77%	2.058%
49	14.962	2062	2063	2069	rVB3	1616	1512	0.22%	0.020%
50	15.015	2069	2072	2073	rBV2	936	1072	0.16%	0.014%
51	15.074	2079	2082	2090	rBV6	2459	4782	0.70%	0.063%
52	15.186	2098	2101	2102	rBV2	1534	1223	0.18%	0.016%
53	15.227	2104	2108	2112	rVV2	2580	3370	0.49%	0.045%
54	15.473	2145	2150	2154	rBV3	4894	7185	1.05%	0.095%
55	15.521	2154	2158	2162	rVB2	11381	13473	1.97%	0.178%
56	15.620	2173	2175	2176	rBV2	1416	935	0.14%	0.012%
57	15.667	2176	2183	2189	rVV	348619	527946	77.19%	6.975%
58	15.720	2189	2192	2196	rVV5	2442	3111	0.45%	0.041%
59	15.779	2196	2202	2211	rVB	93658	140623	20.56%	1.858%
60	15.908	2219	2224	2225	rBV2	5564	7072	1.03%	0.093%
61	16.020	2241	2243	2246	rBV4	1475	1529	0.22%	0.020%
62	16.073	2251	2252	2255	rVB2	1743	1245	0.18%	0.016%
63	16.126	2257	2261	2262	rBV3	1530	1432	0.21%	0.019%
64	16.137	2262	2263	2267	rVV3	1722	1772	0.26%	0.023%
65	16.261	2282	2284	2286	rVB3	1356	1260	0.18%	0.017%
66	16.308	2289	2292	2295	rVB4	2003	2624	0.38%	0.035%
67	16.337	2295	2297	2299	rBV3	1147	1250	0.18%	0.017%
68	16.384	2299	2305	2307	rBV	23336	31968	4.67%	0.422%
69	16.408	2307	2309	2315	rVB2	11501	15524	2.27%	0.205%
70	16.555	2332	2334	2342	rVB6	5540	5885	0.86%	0.078%
71	16.613	2342	2344	2345	rBV2	2289	1259	0.18%	0.017%

LSC Area Percent Report

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Operator : UM/NP
Sample : G3865-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5MY9

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-BG100415.M
Title : SVOA CALIBRATION

72	16.637	2345	2348	2351	rBV5	2261	3366	0.49%	0.044%
73	16.660	2351	2352	2354	rVB2	1487	1037	0.15%	0.014%
74	16.719	2360	2362	2365	rBV3	3002	3049	0.45%	0.040%
75	16.778	2370	2372	2373	rVV2	3089	1654	0.24%	0.022%
76	16.819	2377	2379	2382	rBV4	2599	3169	0.46%	0.042%
77	16.878	2387	2389	2390	rBV2	2436	1868	0.27%	0.025%
78	16.966	2400	2404	2409	rVB8	4603	6399	0.94%	0.085%
79	17.177	2436	2440	2443	rBV	23169	28474	4.16%	0.376%
80	17.207	2443	2445	2446	rVV2	3693	2652	0.39%	0.035%
81	17.230	2446	2449	2455	rVB4	9392	13072	1.91%	0.173%
82	17.301	2458	2461	2464	rBV5	4240	6473	0.95%	0.086%
83	17.424	2475	2482	2486	rBV2	268337	427153	62.45%	5.644%
84	17.459	2486	2488	2492	rVV	26571	36528	5.34%	0.483%
85	17.518	2492	2498	2506	rVB	369028	576306	84.26%	7.614%
86	17.659	2518	2522	2523	rBV3	3203	3948	0.58%	0.052%
87	17.706	2527	2530	2532	rBV3	2598	3051	0.45%	0.040%
88	17.747	2534	2537	2538	rBV3	3190	2767	0.40%	0.037%
89	17.771	2538	2541	2542	rBV3	4718	4013	0.59%	0.053%
90	17.788	2542	2544	2545	rBV2	3196	2477	0.36%	0.033%
91	17.918	2562	2566	2571	rVB	21497	26205	3.83%	0.346%
92	18.311	2627	2633	2644	rBV3	78933	140596	20.55%	1.858%
93	18.488	2659	2663	2670	rBV10	13994	27744	4.06%	0.367%
94	18.605	2681	2683	2685	rVB	9698	8280	1.21%	0.109%
95	19.469	2827	2830	2835	rVB	47331	61706	9.02%	0.815%
96	19.804	2882	2887	2896	rBV	432773	684000	100.00%	9.037%
97	21.337	3145	3148	3153	rBV2	60463	90695	13.26%	1.198%
98	21.696	3203	3209	3215	rBV	292017	494040	72.23%	6.527%
99	24.716	3716	3723	3731	rVB2	222516	566337	82.80%	7.483%
100	24.933	3754	3760	3769	rVB	152550	386002	56.43%	5.100%

Sum of corrected areas: 7568600

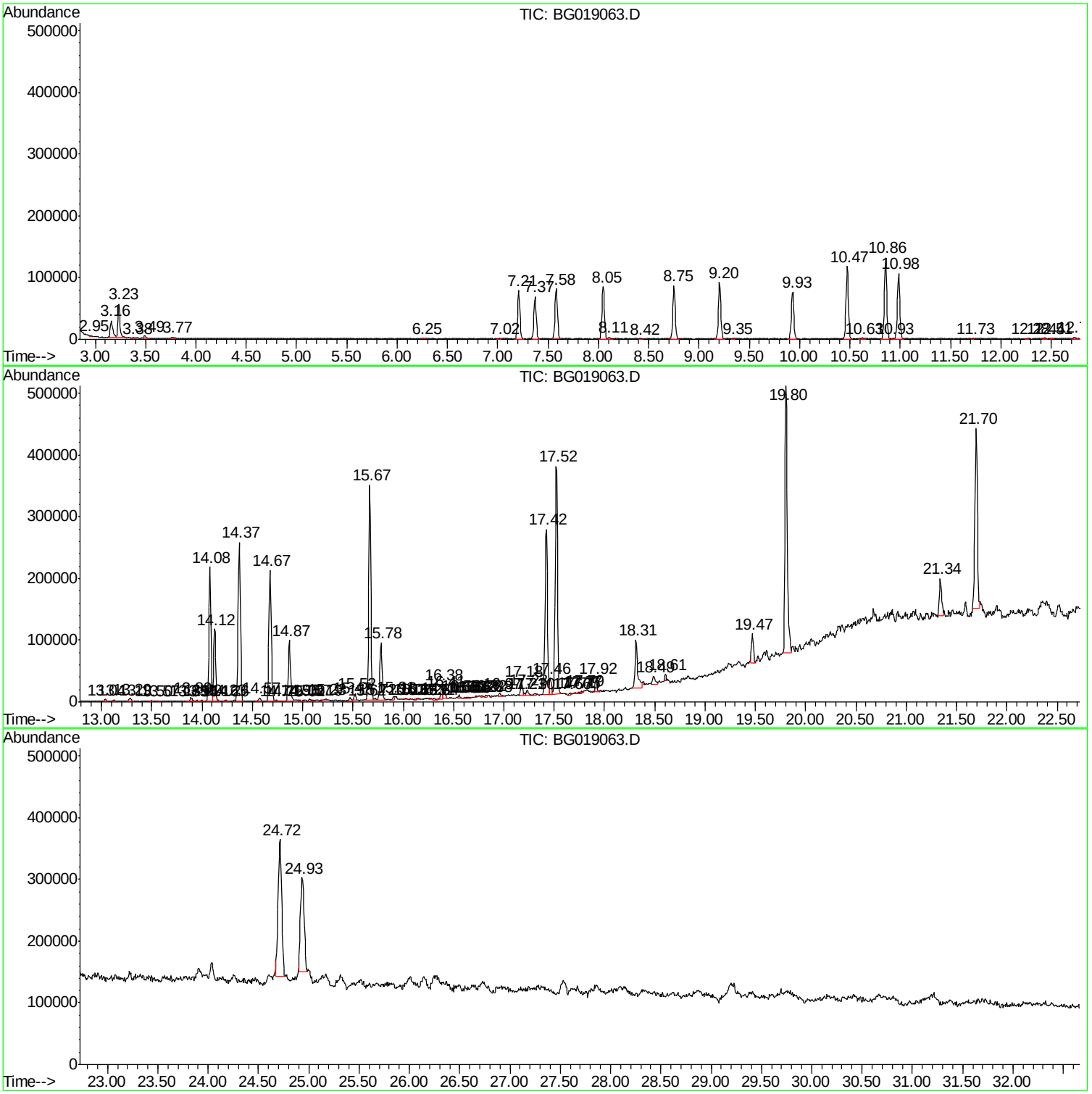
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
Data File : BG019063.D
Acq On : 7 Oct 2015 2:17
Operator : UM/NP
Sample : G3865-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5MY9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.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\BG100615\
Data File : BG019063.D
Acq On : 7 Oct 2015 2:17
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Sample : G3865-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5MY9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

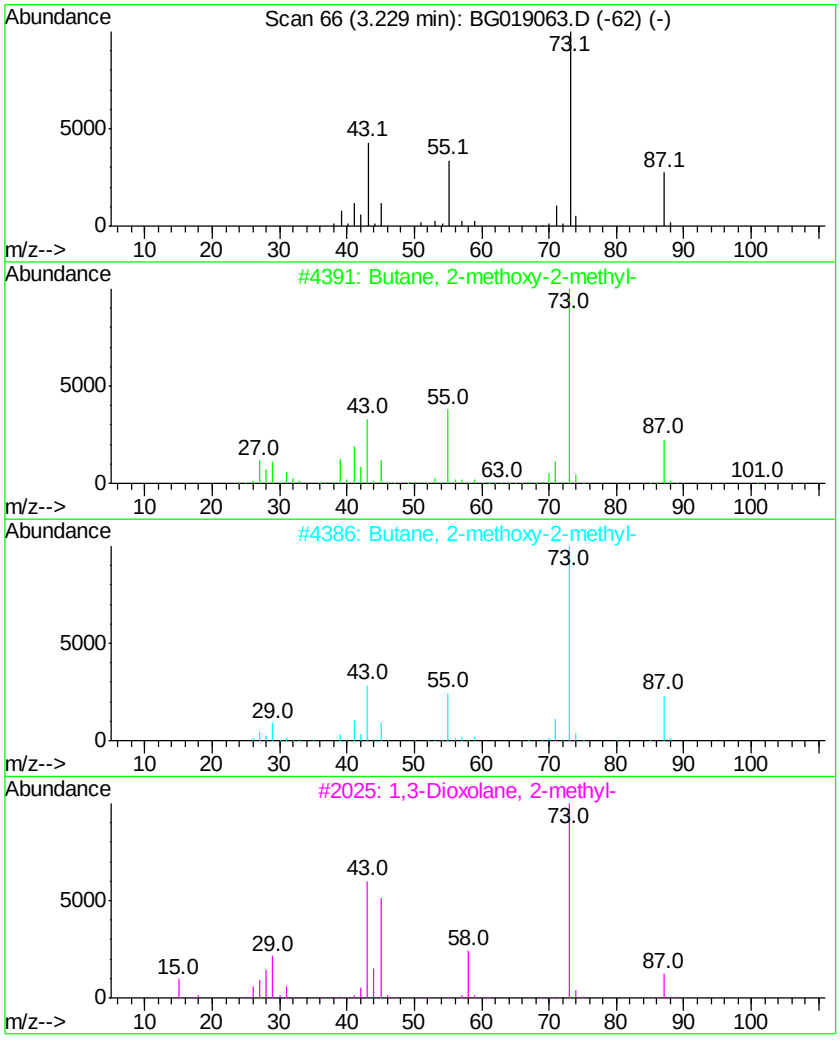
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

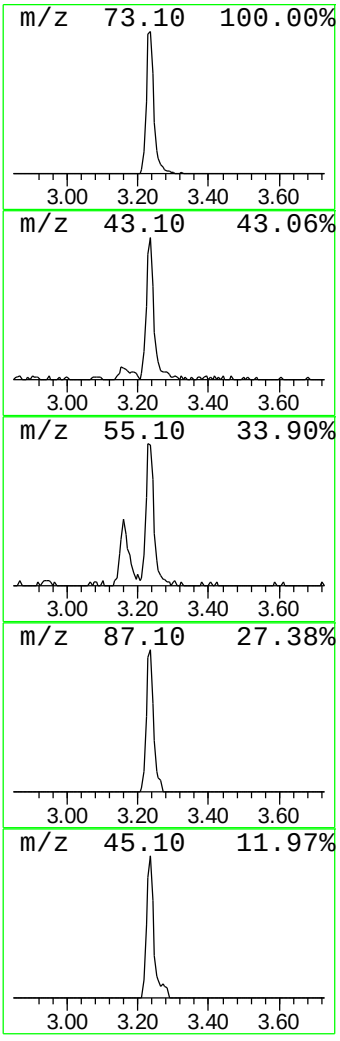
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	11.71 ng/ul	81143	1,4-Dichlorobenzene-d4	8.05

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	72
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28





Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
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Sample : G3865-13
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Instrument : BNA_G
ClientSampleId : E5MY9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

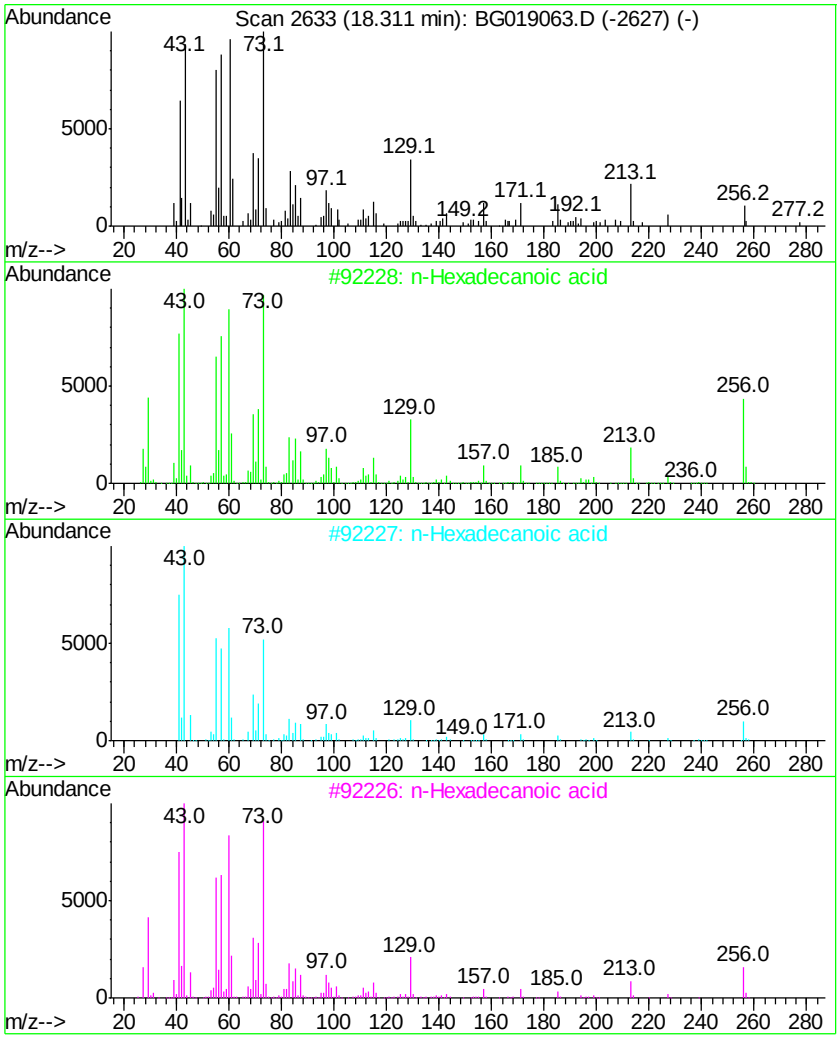
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

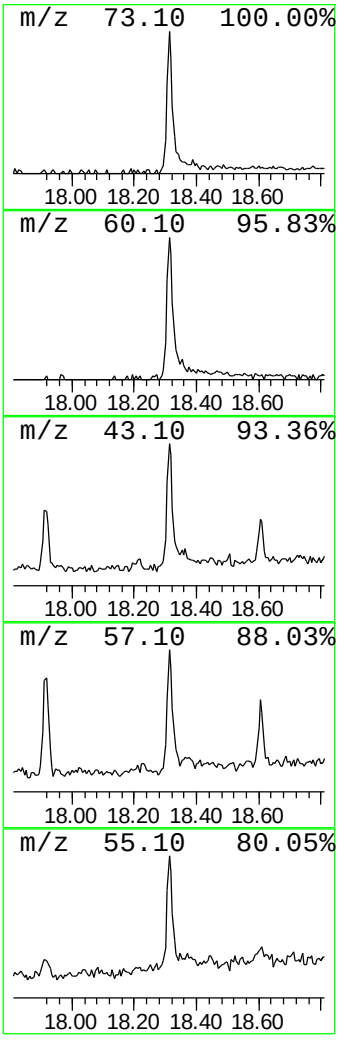
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	6.58 ng/ul	140596	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5MY9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

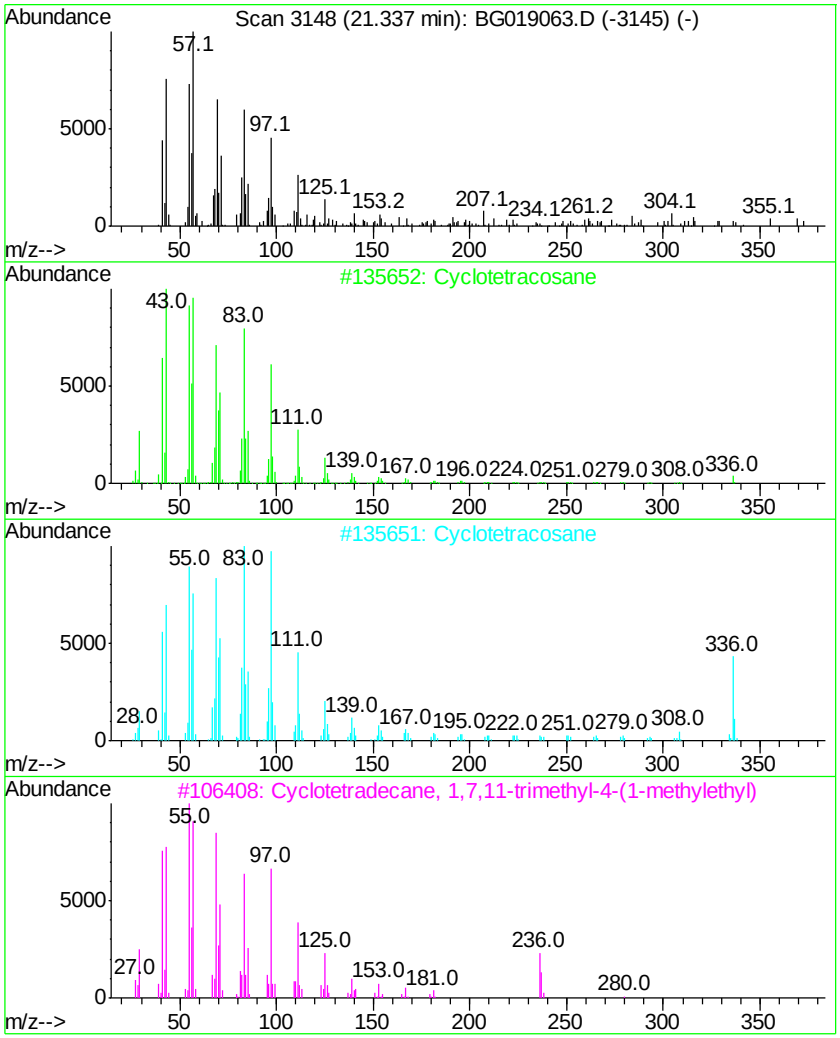
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

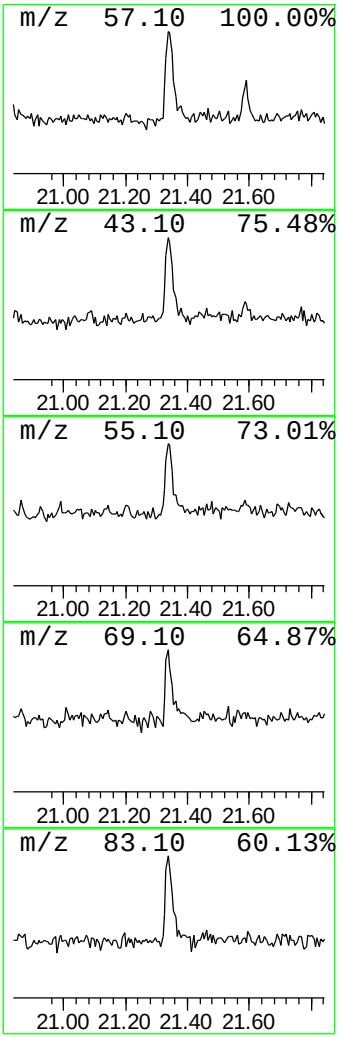
****

Peak Number 4 (DEL) Alkane: Cyclic21.34 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	3.67 ng/ul	90695	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	Cyclotetracosane	336	C24H48	000297-03-0	93
3	Cyclotetradecane, 1,7,11-trimeth...	280	C20H40	001786-12-5	91
4	1-Octadecene	252	C18H36	000112-88-9	90
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100615\
Data File : BG019063.D
Acq On : 7 Oct 2015 2:17
Operator : UM/NP
Sample : G3865-13
Misc :
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Instrument : BNA_G
ClientSampleId : E5MY9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.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...	3.23	11.7	ng/ul	81143	1	8.05	138587	20.0
n-Hexadecanoic acid	18.31	6.6	ng/ul	140596	4	17.42	427153	20.0
(DEL) Alkane: Cyc...	21.34	3.7	ng/ul	90695	5	21.70	494040	20.0