LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018279.D
Acq On : 5 Aug 2015 20:17
Operator : UM/TP
Sample : G3157-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N5

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-BG080515.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	3.311	104	106	110	rVB3	2151	2391	0.23%	0.027%
2	4.004	222	224	227	rVB3	1939	2323	0.22%	0.026%
3	4.475	303	304	309	rVV3	2920	2797	0.27%	0.031%
4	4.563	317	319	322	rVB2	2881	2380	0.23%	0.026%
5	4.880	367	373	375	rBV2	2340	3851	0.37%	0.043%
6	5.520	480	482	484	rBV	2497	2342	0.23%	0.026%
7	6.578	652	662	665	rBV8	5909	14627	1.42%	0.162%
8	6.637	667	672	679	rVV2	26311	40519	3.92%	0.450%
9	6.778	690	696	705	rVB	88643	131607	12.74%	1.461%
10	6.966	722	728	735	rVB	100735	159660	15.46%	1.772%
11	7.430	802	807	815	rVV	103054	157068	15.21%	1.743%
12	7.506	815	820	828	rVV3	14251	27034	2.62%	0.300%
13	8.106	917	922	925	rBV2	1798	2404	0.23%	0.027%
14	8.164	927	932	940	rVV	87734	138926	13.45%	1.542%
15	8.252	944	947	953	rVB3	7172	9756	0.94%	0.108%
16	8.299	953	955	959	rVB3	1775	2666	0.26%	0.030%
17	8.411	970	974	977	rBV2	4394	5903	0.57%	0.066%
18	8.529	989	994	999	rBV	74565	119070	11.53%	1.321%
19	8.587	999	1004	1010	rVB	127459	206402	19.98%	2.291%
20	8.764	1030	1034	1037	rVB	3265	4081	0.40%	0.045%
21	8.963	1065	1068	1073	rBV	1757	2527	0.24%	0.028%
22	9.157	1099	1101	1109	rVB3	5608	7953	0.77%	0.088%
23	9.304	1120	1126	1136	rBV	126916	214939	20.81%	2.385%
24	9.486	1150	1157	1161	rVB3	5290	8636	0.84%	0.096%
25	9.692	1190	1192	1194	rBV	2803	2404	0.23%	0.027%
26	9.721	1194	1197	1203	rVB	4440	6688	0.65%	0.074%
27	9.856	1214	1220	1227	rBV	172170	277464	26.86%	3.079%
28	10.003	1240	1245	1255	rVB6	9598	17392	1.68%	0.193%
29	10.215	1272	1281	1287	rBV	140772	231345	22.40%	2.567%
30	10.256	1287	1288	1290	rBV2	2488	2461	0.24%	0.027%
31	10.338	1297	1302	1303	rBV2	2182	2472	0.24%	0.027%
32	10.362	1303	1306	1313	rVB2	6789	11695	1.13%	0.130%
33	10.526	1328	1334	1340	rVB5	8351	14506	1.40%	0.161%
34	10.861	1389	1391	1393	rBV	3693	3580	0.35%	0.040%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018279.D
Acq On : 5 Aug 2015 20:17
Operator : UM/TP
Sample : G3157-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N5

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-BG080515.M
Title : SVOA CALIBRATION

35	11.008	1412	1416	1417	rBV	2081	2436	0.24%	0.027%
36	11.090	1427	1430	1431	rBV	2751	2328	0.23%	0.026%
37	11.402	1480	1483	1487	rBV	4239	5567	0.54%	0.062%
38	11.578	1512	1513	1517	rVV	2458	3358	0.33%	0.037%
39	11.613	1517	1519	1525	rVB	2047	3042	0.29%	0.034%
40	12.007	1582	1586	1588	rBV	2198	2839	0.27%	0.032%
41	12.295	1630	1635	1638	rVB	1514	2193	0.21%	0.024%
42	12.448	1656	1661	1668	rBV4	11657	23934	2.32%	0.266%
43	12.518	1670	1673	1675	rBV	2832	3281	0.32%	0.036%
44	12.706	1701	1705	1712	rBV2	26270	37999	3.68%	0.422%
45	12.929	1739	1743	1747	rBV2	1726	3362	0.33%	0.037%
46	13.035	1753	1761	1767	rBV2	39324	62931	6.09%	0.698%
47	13.529	1840	1845	1852	rBV	394133	529724	51.28%	5.879%
48	13.652	1863	1866	1869	rBV	3469	4252	0.41%	0.047%
49	13.799	1885	1891	1897	rVB	369025	550891	53.33%	6.114%
50	13.952	1912	1917	1919	rVB	2186	2662	0.26%	0.030%
51	13.987	1919	1923	1926	rBV2	6797	9133	0.88%	0.101%
52	14.116	1938	1945	1952	rBV2	236610	363151	35.16%	4.030%
53	14.369	1983	1988	1999	rBV2	26306	46237	4.48%	0.513%
54	14.492	2003	2009	2012	rVB2	2380	3262	0.32%	0.036%
55	14.733	2045	2050	2053	rVB2	6621	10139	0.98%	0.113%
56	14.804	2059	2062	2065	rBV2	2252	2837	0.27%	0.031%
57	14.827	2065	2066	2068	rVV	2983	2891	0.28%	0.032%
58	14.851	2068	2070	2072	rVV2	5280	6231	0.60%	0.069%
59	14.868	2072	2073	2077	rVV3	5570	4773	0.46%	0.053%
60	14.927	2080	2083	2085	rVV	8262	9689	0.94%	0.108%
61	14.956	2085	2088	2092	rVV2	7205	10849	1.05%	0.120%
62	14.992	2092	2094	2097	rVV2	2593	2489	0.24%	0.028%
63	15.015	2097	2098	2103	rVB2	2091	2517	0.24%	0.028%
64	15.050	2103	2104	2108	rVB	2945	2659	0.26%	0.030%
65	15.115	2108	2115	2124	rBV	535902	731254	70.79%	8.115%
66	15.262	2134	2140	2150	rBV	187979	275004	26.62%	3.052%
67	15.344	2152	2154	2156	rBV2	2954	2727	0.26%	0.030%
68	15.491	2176	2179	2185	rVB	2491	4054	0.39%	0.045%
69	15.808	2229	2233	2237	rVB	1810	2286	0.22%	0.025%
70	15.943	2251	2256	2257	rBV	2365	3208	0.31%	0.036%
71	16.384	2328	2331	2334	rVV	2402	3610	0.35%	0.040%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018279.D
Acq On : 5 Aug 2015 20:17
Operator : UM/TP
Sample : G3157-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N5

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-BG080515.M
Title : SVOA CALIBRATION

72	16.425	2334	2338	2340	rVB2	2514	3059	0.30%	0.034%
73	16.478	2344	2347	2349	rVV	3577	3361	0.33%	0.037%
74	16.502	2349	2351	2355	rVB	2548	2844	0.28%	0.032%
75	16.654	2374	2377	2379	rBV2	3389	3288	0.32%	0.036%
76	16.754	2390	2394	2398	rBV	1453	2324	0.22%	0.026%
77	16.872	2406	2414	2420	rBV	361737	503681	48.76%	5.590%
78	16.972	2424	2431	2438	rBV	628214	892358	86.39%	9.903%
79	17.077	2444	2449	2455	rBV4	3036	7650	0.74%	0.085%
80	17.154	2458	2462	2463	rVV	3147	4375	0.42%	0.049%
81	17.177	2463	2466	2472	rVB4	6143	10123	0.98%	0.112%
82	17.354	2494	2496	2498	rBV2	2138	2478	0.24%	0.027%
83	17.495	2519	2520	2524	rBV	1898	2718	0.26%	0.030%
84	17.553	2525	2530	2535	rVB3	115987	140013	13.55%	1.554%
85	17.688	2552	2553	2555	rBV	2932	2173	0.21%	0.024%
86	17.859	2579	2582	2585	rBV2	6012	5826	0.56%	0.065%
87	18.017	2607	2609	2610	rBV2	3001	2576	0.25%	0.029%
88	18.100	2618	2623	2626	rVV	1808	3234	0.31%	0.036%
89	18.282	2650	2654	2655	rBV	2063	2831	0.27%	0.031%
90	18.382	2667	2671	2674	rBV4	2034	3352	0.32%	0.037%
91	18.570	2700	2703	2704	rBV3	2430	2293	0.22%	0.025%
92	19.216	2812	2813	2816	rBV3	3362	3417	0.33%	0.038%
93	19.287	2819	2825	2830	rVV	774633	1032972	100.00%	11.463%
94	19.739	2901	2902	2904	rBV2	3663	3241	0.31%	0.036%
95	19.886	2925	2927	2931	rBV5	4927	5709	0.55%	0.063%
96	19.968	2939	2941	2942	rVB2	4996	2418	0.23%	0.027%
97	21.079	3126	3130	3135	rVB	455337	559796	54.19%	6.212%
98	22.107	3301	3305	3308	rBV3	66806	85679	8.29%	0.951%
99	23.106	3469	3475	3482	rVB	429940	731798	70.84%	8.121%
100	23.241	3493	3498	3506	rVB	229424	405760	39.28%	4.503%

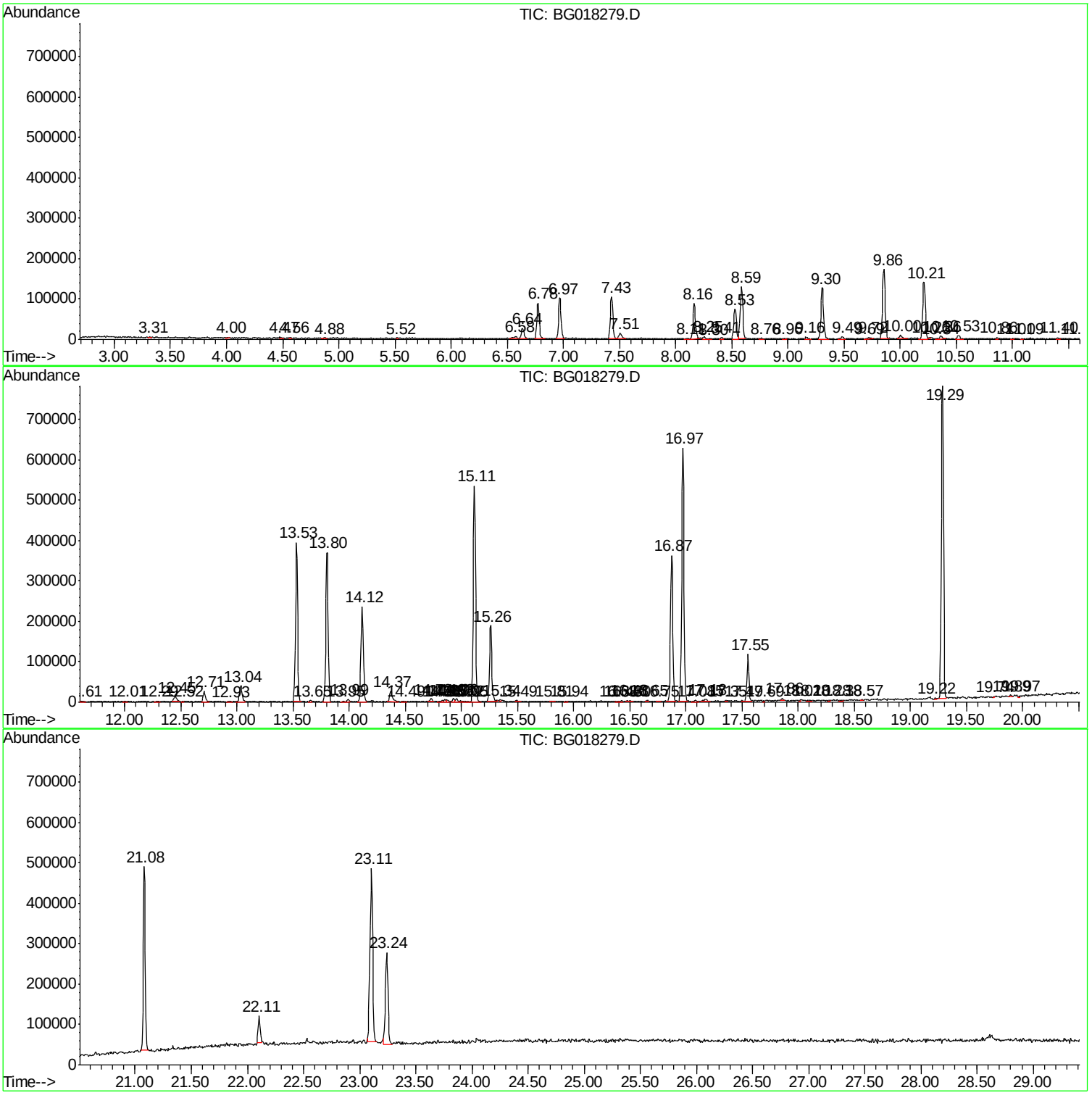
Sum of corrected areas: 9011015

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018279.D
Acq On : 5 Aug 2015 20:17
Operator : UM/TP
Sample : G3157-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02N5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.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\BG080515\
Data File : BG018279.D
Acq On : 5 Aug 2015 20:17
Operator : UM/TP
Sample : G3157-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

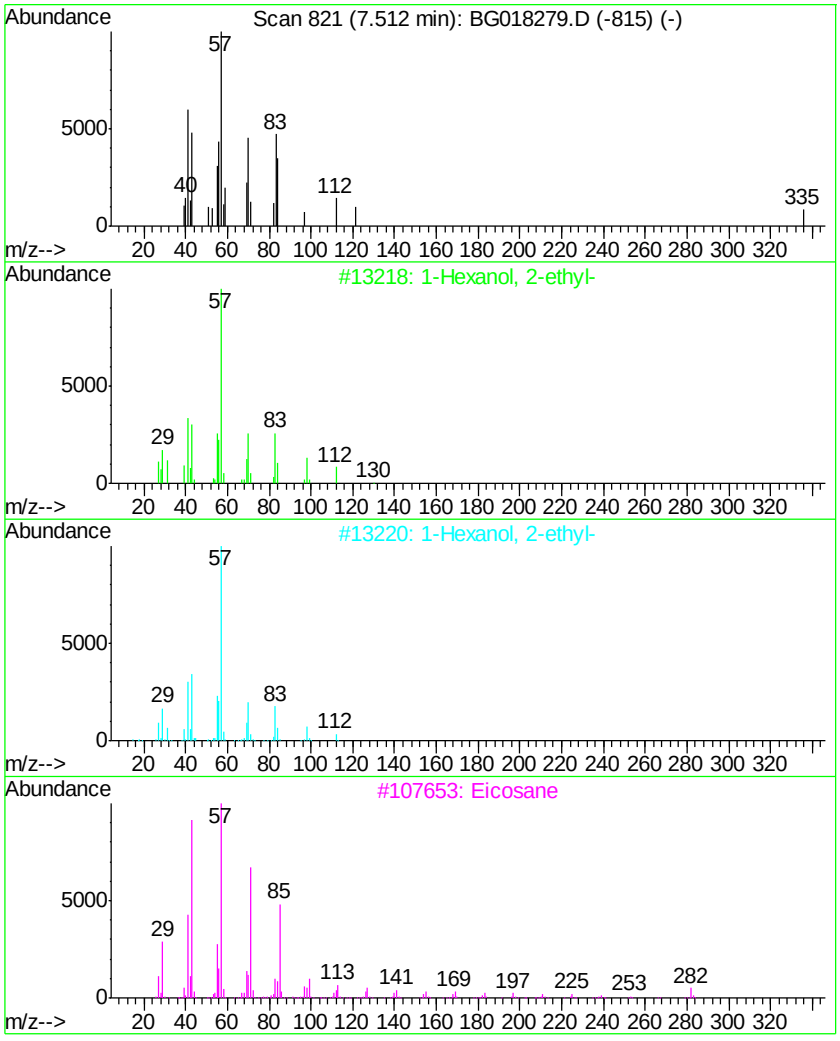
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

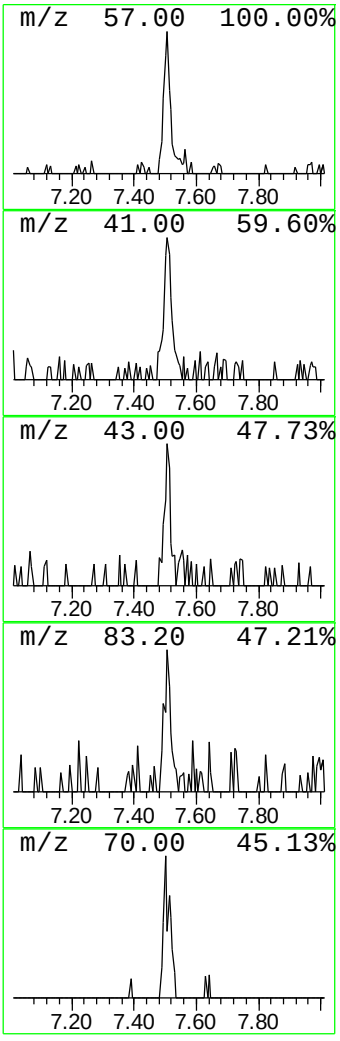
****

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	3.44 ng/ul	27034	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	47
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	47
3	Eicosane	282	C20H42	000112-95-8	40
4	Nonadecane	268	C19H40	000629-92-5	38
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018279.D
Acq On : 5 Aug 2015 20:17
Operator : UM/TP
Sample : G3157-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

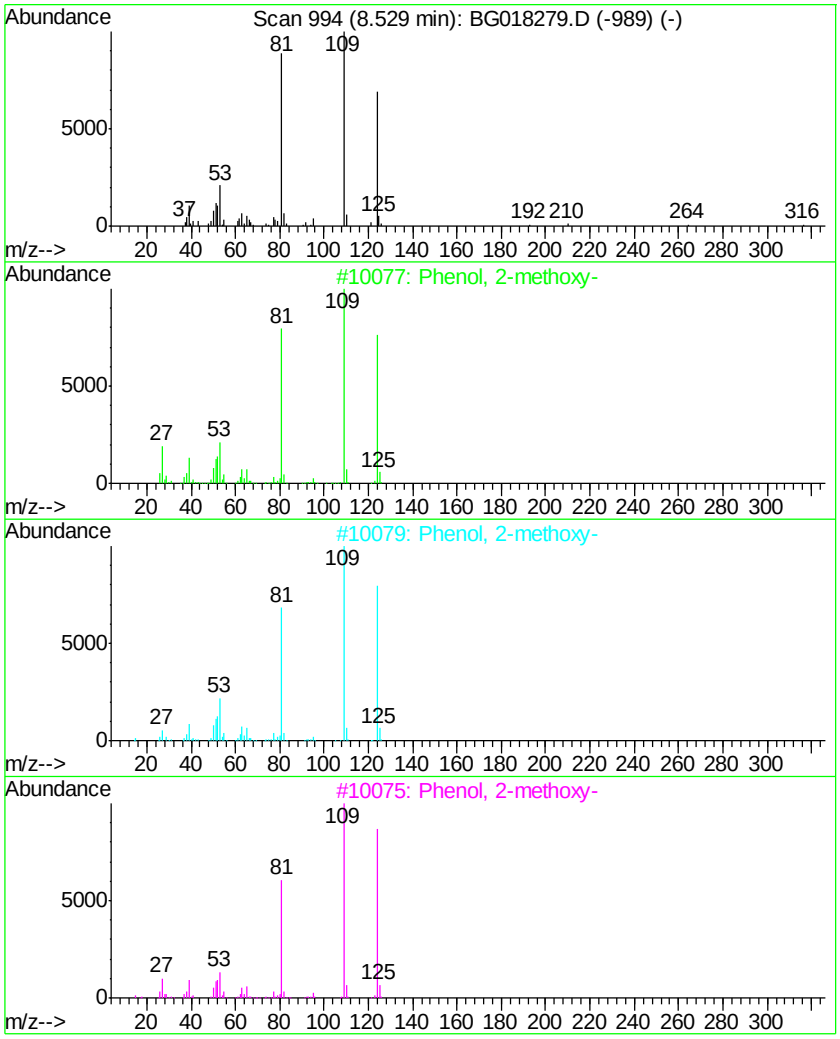
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

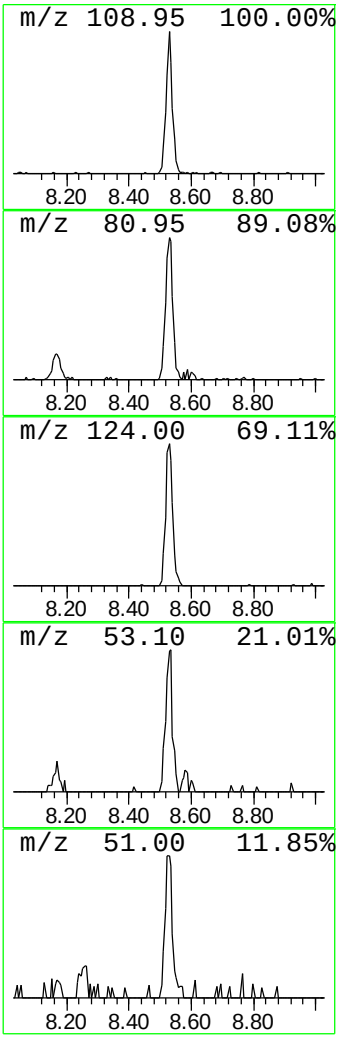
****

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	15.16 ng/ul	119070	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Mequinol	124	C7H8O2	000150-76-5	91
5	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	78





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018279.D
Acq On : 5 Aug 2015 20:17
Operator : UM/TP
Sample : G3157-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

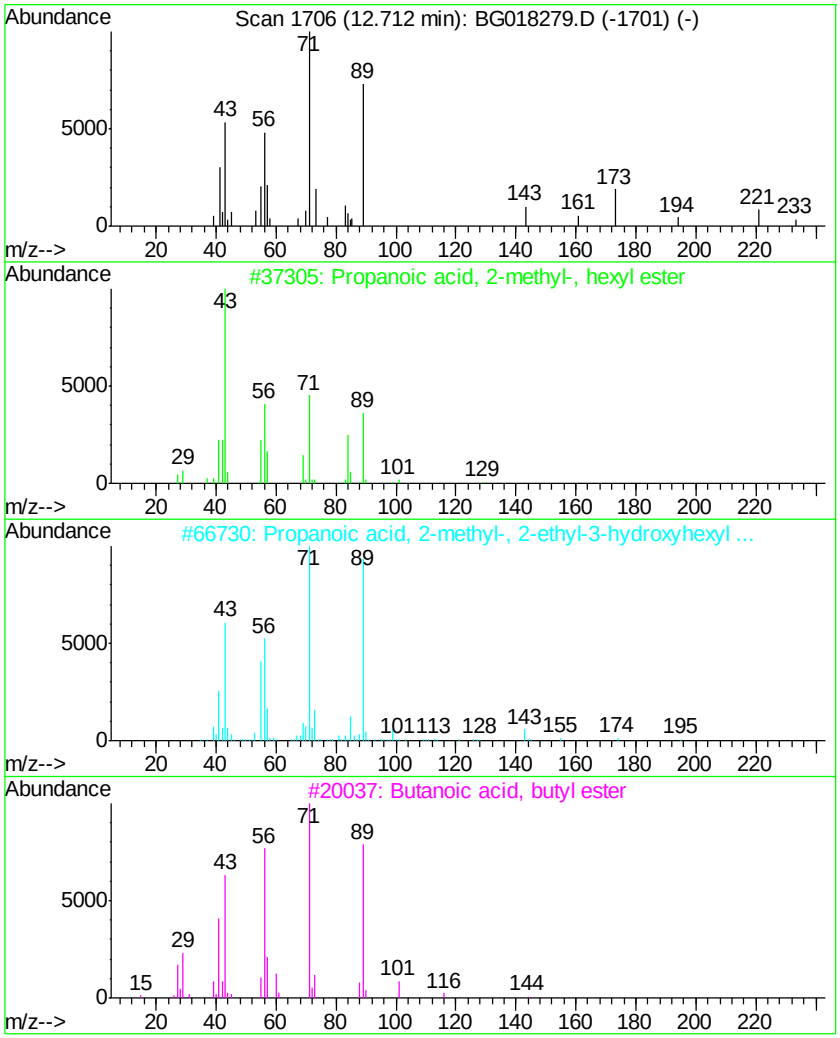
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

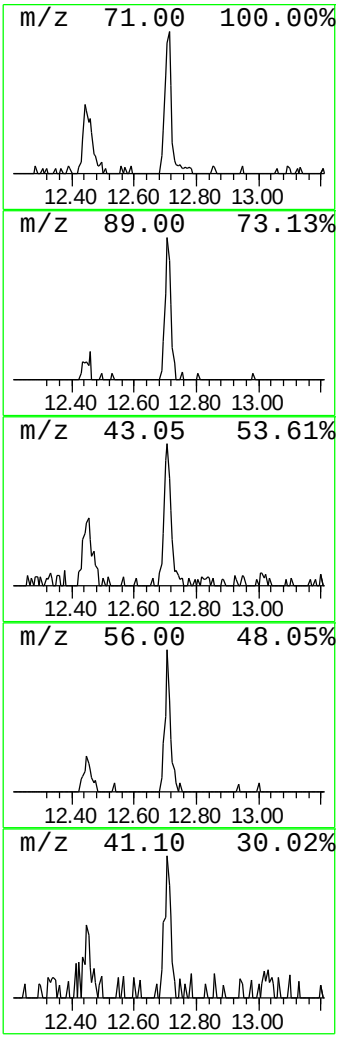
****

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	2.09 ng/ul	37999	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, hexyl...	172	C10H20O2	002349-07-7	78
2	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	64
3	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64
4	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	64
5	Butanoic acid, decyl ester	228	C14H28O2	005454-09-1	45





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018279.D
Acq On : 5 Aug 2015 20:17
Operator : UM/TP
Sample : G3157-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

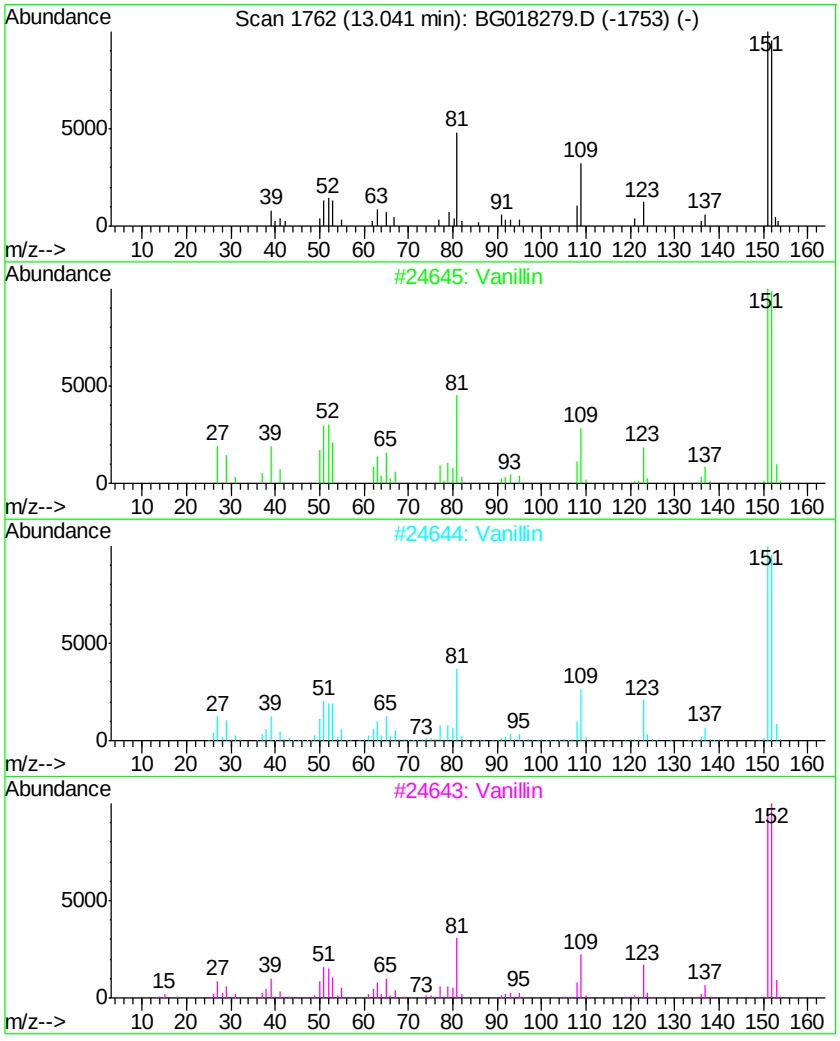
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

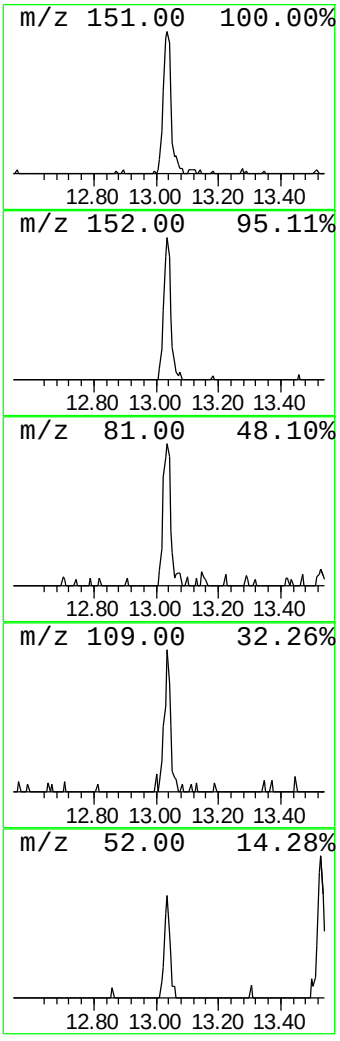
****

Peak Number 4 Vanillin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	3.47 ng/ul	62931	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	91
2	Vanillin	152	C8H8O3	000121-33-5	91
3	Vanillin	152	C8H8O3	000121-33-5	81
4	Vanillin	152	C8H8O3	000121-33-5	72
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018279.D
Acq On : 5 Aug 2015 20:17
Operator : UM/TP
Sample : G3157-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

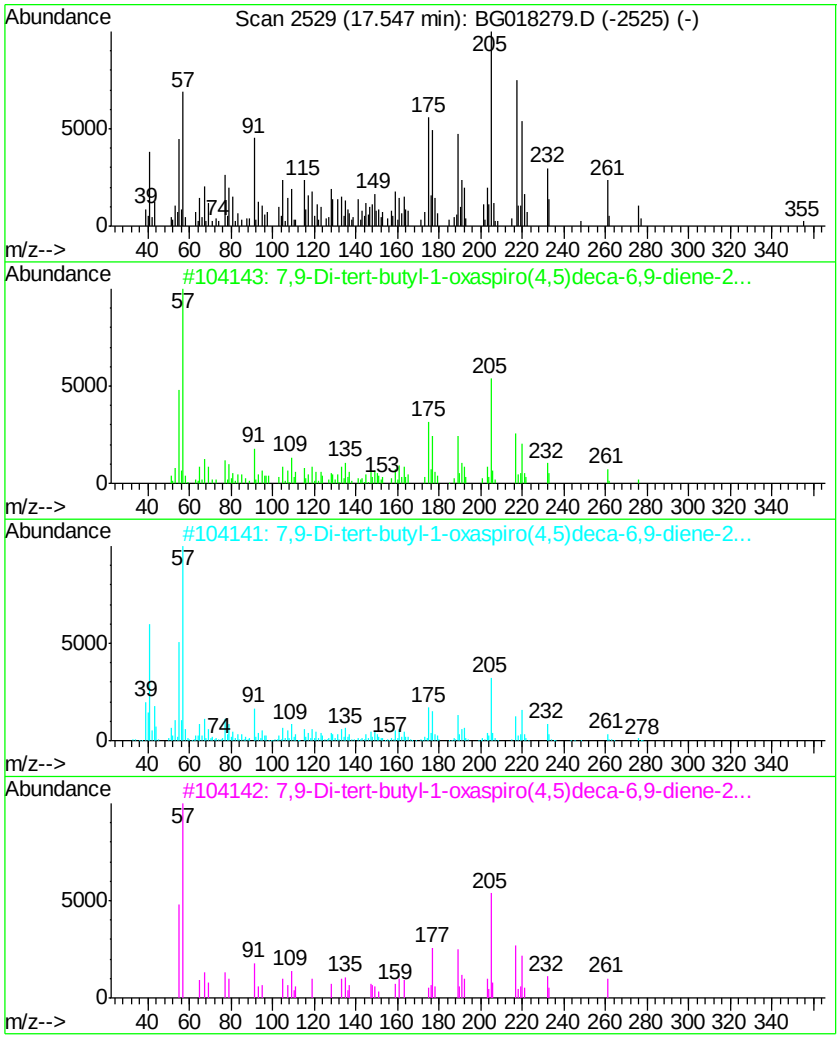
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

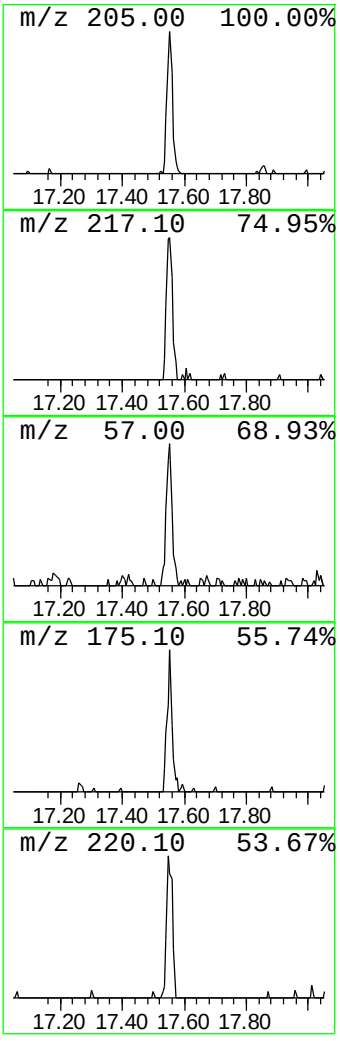
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	5.56 ng/ul	140013	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	94
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	83
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
5	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018279.D
Acq On : 5 Aug 2015 20:17
Operator : UM/TP
Sample : G3157-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

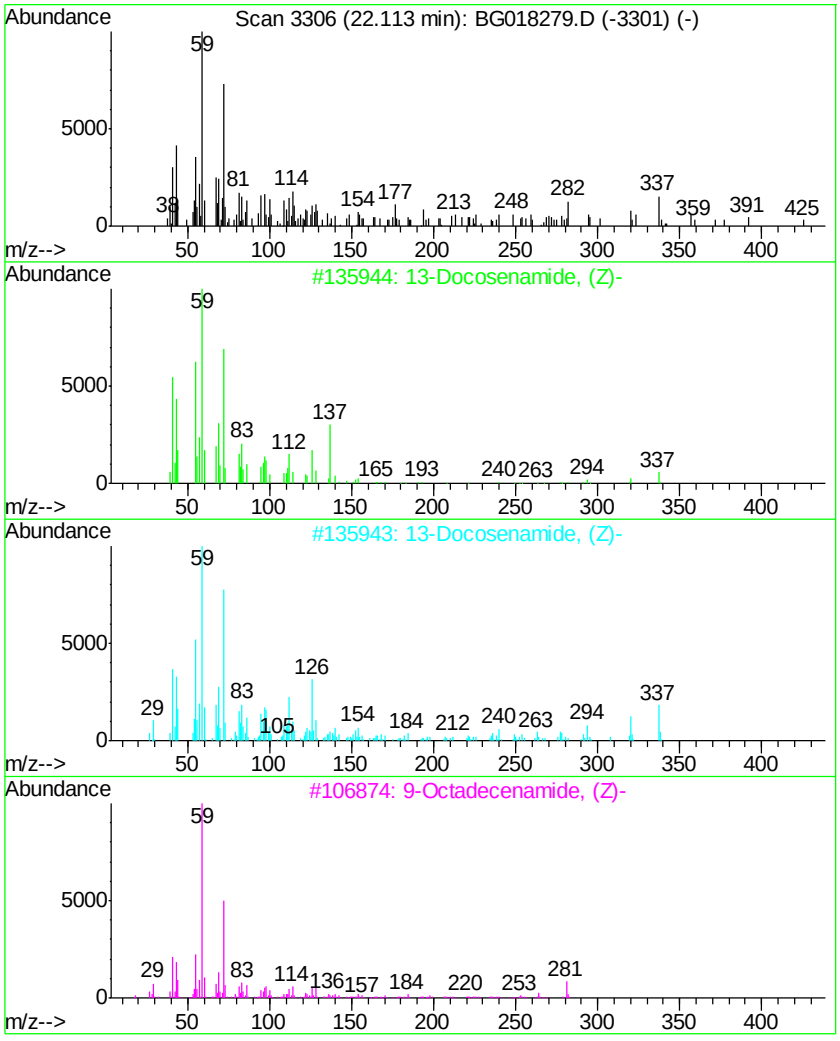
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

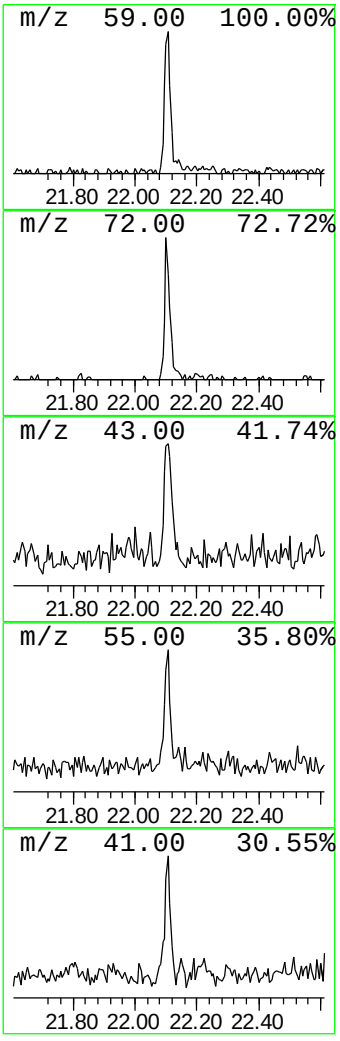
****

Peak Number 6 13-Docosenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	3.06 ng/ul	85679	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	89
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	72
5	Dodecanamide	199	C12H25NO	001120-16-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018279.D
Acq On : 5 Aug 2015 20:17
Operator : UM/TP
Sample : G3157-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.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
unknown-01	7.51	3.4	ng/ul	27034	1	7.43	157068	20.0
Phenol, 2-methoxy-	8.53	15.2	ng/ul	119070	1	7.43	157068	20.0
Propanoic acid, 2...	12.71	2.1	ng/ul	37999	3	14.11	363151	20.0
Vanillin	13.04	3.5	ng/ul	62931	3	14.11	363151	20.0
7,9-Di-tert-butyl...	17.55	5.6	ng/ul	140013	4	16.87	503681	20.0
13-Docosenamide, ...	22.11	3.1	ng/ul	85679	5	21.08	559796	20.0