LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021387.D
Acq On : 9 Mar 2016 4:23
Operator : UM/SJ
Sample : H1625-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFG0

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-BG030316.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	3.191	56	60	63	rBV3	4861	6924	2.65%	0.236%
2	3.262	68	72	79	rVV2	7762	11051	4.23%	0.376%
3	3.309	79	80	83	rVB2	743	563	0.22%	0.019%
4	3.526	115	117	122	rVB4	1518	1919	0.73%	0.065%
5	3.573	122	125	127	rBV3	744	663	0.25%	0.023%
6	4.067	203	209	213	rBV4	1238	2322	0.89%	0.079%
7	4.454	271	275	278	rBV2	433	570	0.22%	0.019%
8	4.578	294	296	298	rVB2	724	645	0.25%	0.022%
9	5.206	401	403	406	rVB2	943	670	0.26%	0.023%
10	5.436	439	442	444	rBV	467	690	0.26%	0.023%
11	5.565	463	464	471	rVB	425	567	0.22%	0.019%
12	6.229	574	577	582	rVB	635	754	0.29%	0.026%
13	7.280	749	756	764	rBV	34769	59219	22.64%	2.015%
14	7.445	777	784	793	rBB	27051	45448	17.38%	1.547%
15	7.656	813	820	828	rBB	35869	59280	22.67%	2.017%
16	8.126	891	900	908	rBV	58485	96943	37.07%	3.299%
17	8.643	985	988	992	rBV	362	576	0.22%	0.020%
18	8.826	1012	1019	1028	rBB2	38517	65543	25.06%	2.230%
19	9.290	1091	1098	1106	rVB	37583	64314	24.59%	2.189%
20	10.012	1215	1221	1228	rBB2	29632	50795	19.42%	1.729%
21	10.553	1307	1313	1321	rBB	42933	71544	27.36%	2.435%
22	10.935	1371	1378	1386	rBV	83456	146331	55.95%	4.980%
23	11.070	1395	1401	1408	rBV2	14494	26765	10.23%	0.911%
24	11.669	1500	1503	1506	rBB2	1432	1796	0.69%	0.061%
25	12.510	1643	1646	1650	rBB	403	598	0.23%	0.020%
26	13.262	1770	1774	1776	rBB2	935	982	0.38%	0.033%
27	13.544	1820	1822	1826	rVV	1557	1430	0.55%	0.049%
28	13.614	1830	1834	1839	rBB2	4120	5572	2.13%	0.190%
29	13.943	1888	1890	1896	rBB2	1152	1442	0.55%	0.049%
30	14.061	1908	1910	1912	rBV	862	600	0.23%	0.020%
31	14.137	1917	1923	1927	rBV	69822	103232	39.47%	3.513%
32	14.178	1927	1930	1938	rVB	27999	43868	16.77%	1.493%
33	14.237	1938	1940	1944	rVB3	987	1157	0.44%	0.039%
34	14.313	1950	1953	1958	rBV2	946	1370	0.52%	0.047%

LSC Area Percent Report

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Data File : BG021387.D
Acq On : 9 Mar 2016 4:23
Operator : UM/SJ
Sample : H1625-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFG0

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-BG030316.M
Title : SVOA CALIBRATION

35	14.372	1958	1963	1965	rBV2	955	1214	0.46%	0.041%
36	14.431	1965	1973	1981	rBV	81985	130320	49.83%	4.435%
37	14.566	1991	1996	1999	rBV3	945	1514	0.58%	0.052%
38	14.607	1999	2003	2011	rVB2	7930	12045	4.61%	0.410%
39	14.689	2011	2017	2019	rBV3	2399	3653	1.40%	0.124%
40	14.736	2019	2025	2032	rVB2	117336	190793	72.95%	6.493%
41	14.807	2035	2037	2040	rVB	652	616	0.24%	0.021%
42	14.854	2043	2045	2046	rBV	727	563	0.22%	0.019%
43	14.889	2049	2051	2052	rBV	917	756	0.29%	0.026%
44	14.924	2052	2057	2070	rVB2	18399	34528	13.20%	1.175%
45	15.036	2074	2076	2077	rBV	1365	1039	0.40%	0.035%
46	15.054	2077	2079	2081	rBV2	809	658	0.25%	0.022%
47	15.077	2081	2083	2086	rBV3	1172	1066	0.41%	0.036%
48	15.107	2086	2088	2091	rVB	1313	1441	0.55%	0.049%
49	15.148	2091	2095	2101	rVB5	4545	8926	3.41%	0.304%
50	15.224	2103	2108	2115	rBV5	3705	6672	2.55%	0.227%
51	15.295	2116	2120	2123	rVB3	2157	2937	1.12%	0.100%
52	15.353	2127	2130	2133	rBV4	853	1273	0.49%	0.043%
53	15.383	2133	2135	2137	rBV3	937	1109	0.42%	0.038%
54	15.447	2144	2146	2151	rVB3	1592	2241	0.86%	0.076%
55	15.512	2153	2157	2160	rBV2	2400	4098	1.57%	0.139%
56	15.559	2160	2165	2170	rVB	14734	17592	6.73%	0.599%
57	15.606	2170	2173	2174	rBV3	1646	1805	0.69%	0.061%
58	15.659	2181	2182	2185	rVB3	984	786	0.30%	0.027%
59	15.723	2187	2193	2199	rVB	108572	163698	62.59%	5.571%
60	15.776	2199	2202	2203	rBV3	1373	912	0.35%	0.031%
61	15.788	2203	2204	2206	rVB2	1057	678	0.26%	0.023%
62	15.841	2206	2213	2220	rVB2	16464	26567	10.16%	0.904%
63	15.894	2220	2222	2223	rVB2	1057	639	0.24%	0.022%
64	15.964	2226	2234	2237	rBV	12421	21176	8.10%	0.721%
65	16.058	2246	2250	2254	rVB6	2457	3218	1.23%	0.110%
66	16.111	2256	2259	2260	rBV3	2272	1860	0.71%	0.063%
67	16.182	2267	2271	2275	rBV4	2772	3840	1.47%	0.131%
68	16.223	2275	2278	2279	rVB3	1066	713	0.27%	0.024%
69	16.240	2279	2281	2282	rBV	1123	714	0.27%	0.024%
70	16.305	2288	2292	2295	rBV5	1788	2506	0.96%	0.085%
71	16.417	2306	2311	2312	rBV2	16590	20243	7.74%	0.689%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
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Acq On : 9 Mar 2016 4:23
Operator : UM/SJ
Sample : H1625-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFG0

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-BG030316.M
Title : SVOA CALIBRATION

72	16.440	2312	2315	2320	rVV2	23800	33887	12.96%	1.153%
73	16.476	2320	2321	2327	rVB6	3215	4973	1.90%	0.169%
74	16.534	2327	2331	2334	rBV3	1960	3515	1.34%	0.120%
75	16.763	2366	2370	2373	rBV6	2262	3801	1.45%	0.129%
76	16.810	2373	2378	2383	rVV8	3795	8301	3.17%	0.282%
77	16.852	2383	2385	2386	rVV2	1111	811	0.31%	0.028%
78	16.922	2392	2397	2399	rBV5	3183	5594	2.14%	0.190%
79	17.063	2418	2421	2424	rVB5	2756	3102	1.19%	0.106%
80	17.128	2430	2432	2435	rVB3	2864	2245	0.86%	0.076%
81	17.157	2435	2437	2438	rVB2	1380	727	0.28%	0.025%
82	17.204	2442	2445	2449	rVB	10583	12349	4.72%	0.420%
83	17.257	2449	2454	2460	rBV2	23215	34296	13.11%	1.167%
84	17.357	2466	2471	2472	rBV5	2512	3980	1.52%	0.135%
85	17.474	2485	2491	2498	rBV	136320	220677	84.38%	7.510%
86	17.574	2502	2508	2514	rVB2	118597	178587	68.29%	6.077%
87	17.680	2524	2526	2528	rVB3	3237	2389	0.91%	0.081%
88	17.803	2544	2547	2549	rBV4	4002	4759	1.82%	0.162%
89	17.862	2554	2557	2562	rVB4	10926	16427	6.28%	0.559%
90	17.944	2568	2571	2576	rVB5	10652	13323	5.09%	0.453%
91	18.115	2598	2600	2605	rVB6	4615	5375	2.06%	0.183%
92	18.238	2619	2621	2623	rBV3	3870	3589	1.37%	0.122%
93	18.585	2677	2680	2684	rBV5	7207	9601	3.67%	0.327%
94	18.626	2685	2687	2692	rVV5	8781	12439	4.76%	0.423%
95	19.084	2761	2765	2771	rBV3	31065	52175	19.95%	1.776%
96	19.413	2819	2821	2825	rBV	24066	33547	12.83%	1.142%
97	19.848	2891	2895	2902	rBV	121723	174511	66.73%	5.939%
98	20.001	2917	2921	2929	rBV2	67908	122702	46.92%	4.176%
99	21.740	3213	3217	3223	rVB	165714	261528	100.00%	8.900%
100	24.783	3731	3735	3743	rVB2	71306	158772	60.71%	5.403%

Sum of corrected areas: 2938534

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021387.D
Acq On : 9 Mar 2016 4:23
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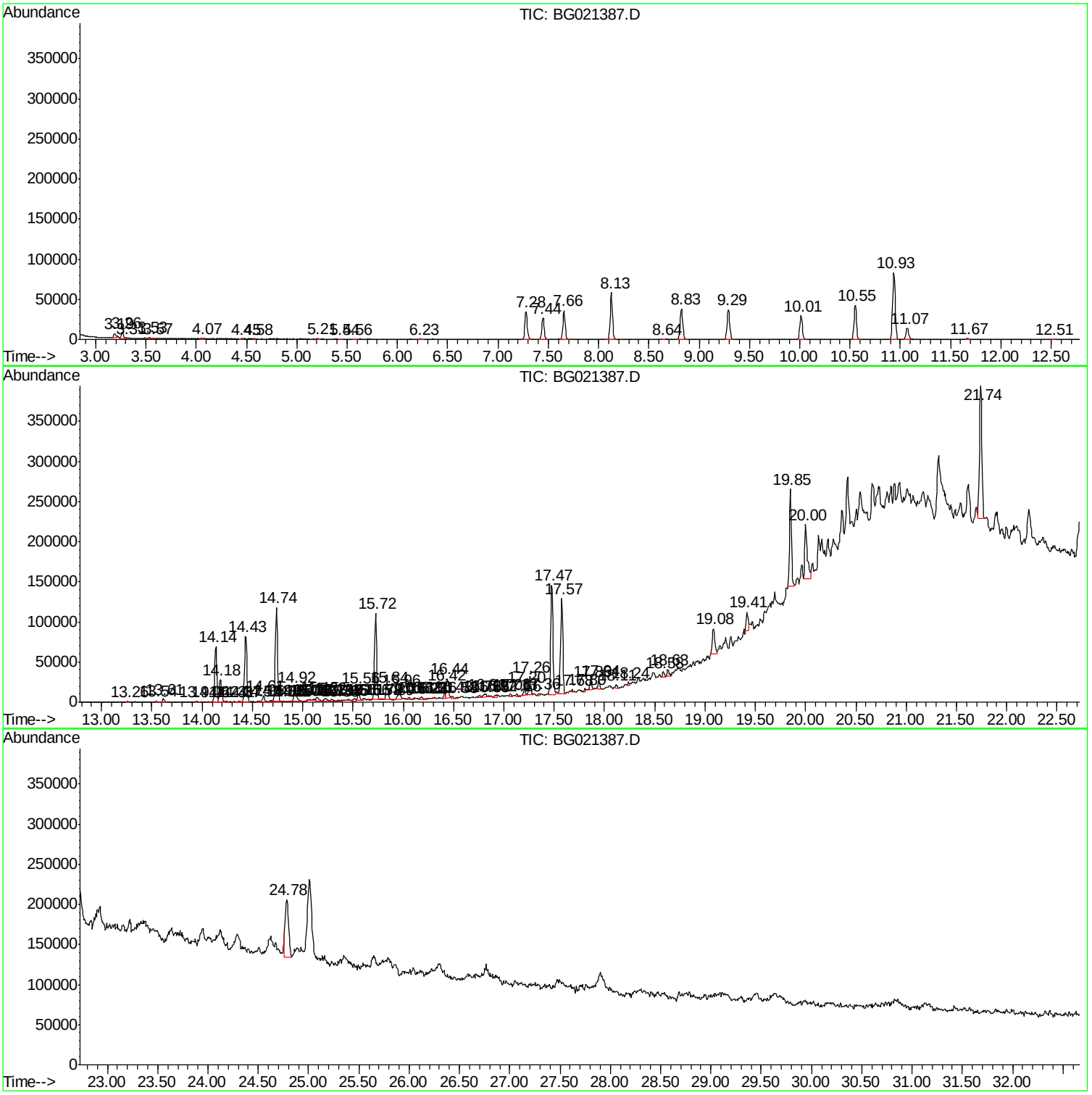
Sample : H1625-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFG0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
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Quant Title : SVOA CALIBRATION

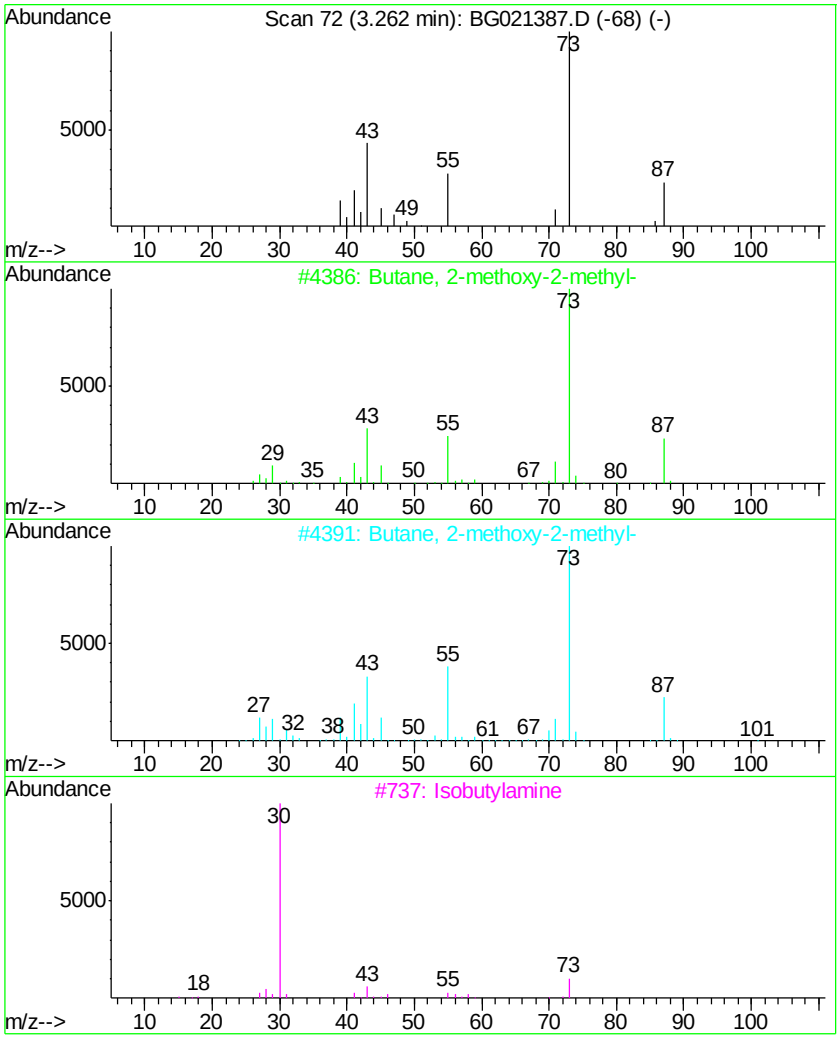
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

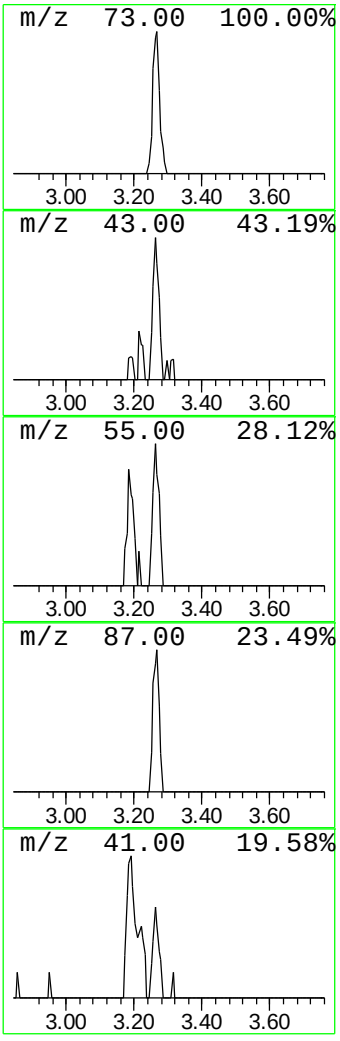
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	2.28 ng/ul	11051	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	42
3	Isobutylamine	73	C4H11N	000078-81-9	5
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
5	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021387.D
Acq On : 9 Mar 2016 4:23
Operator : UM/SJ
Sample : H1625-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFG0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

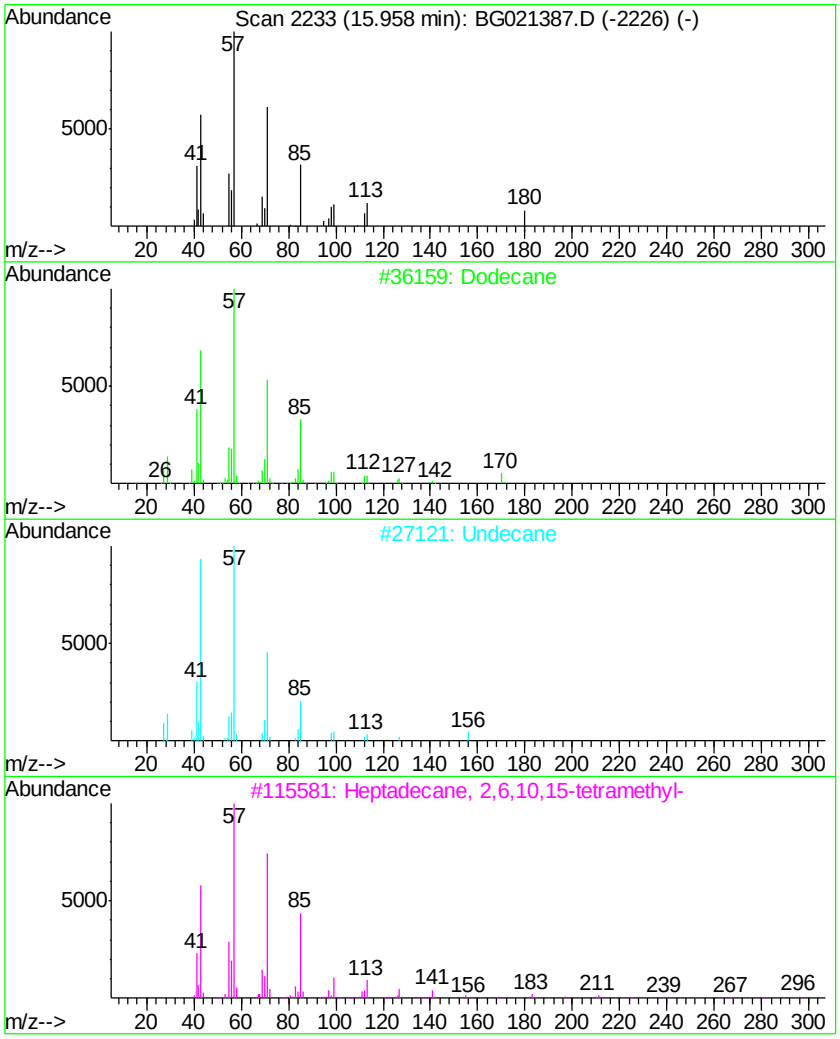
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

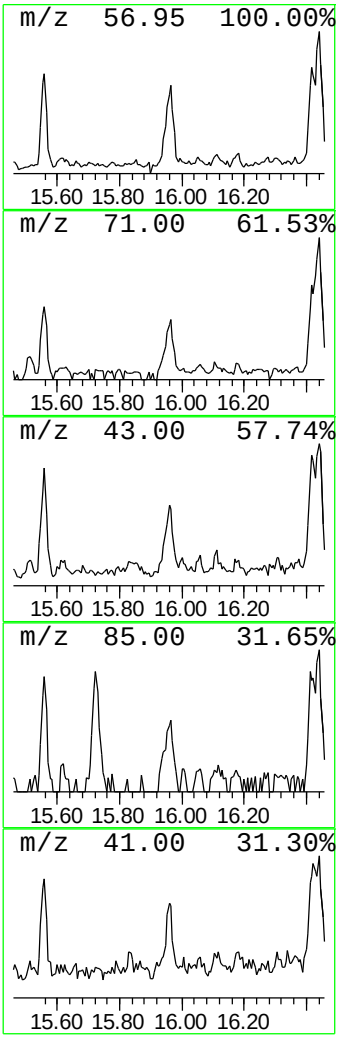
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.22 ng/ul	21176	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	64
2	Undecane	156	C11H24	001120-21-4	64
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4	Hexadecane	226	C16H34	000544-76-3	53
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021387.D
Acq On : 9 Mar 2016 4:23
Operator : UM/SJ
Sample : H1625-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFG0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

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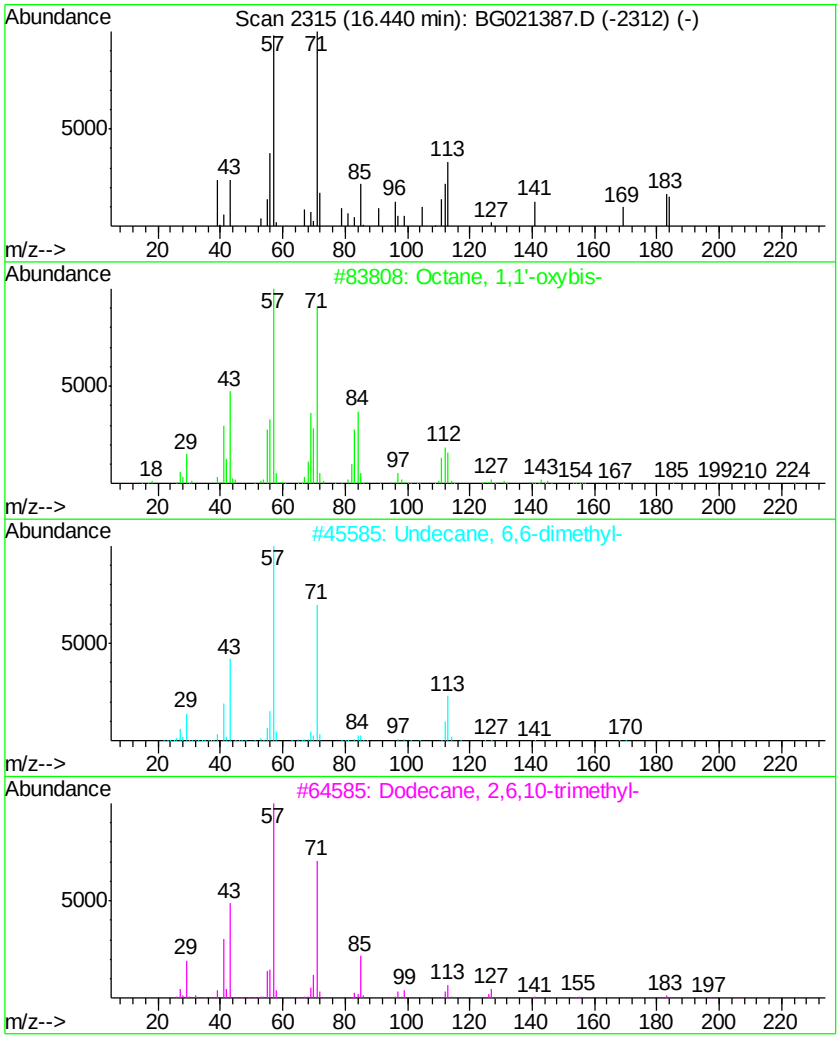
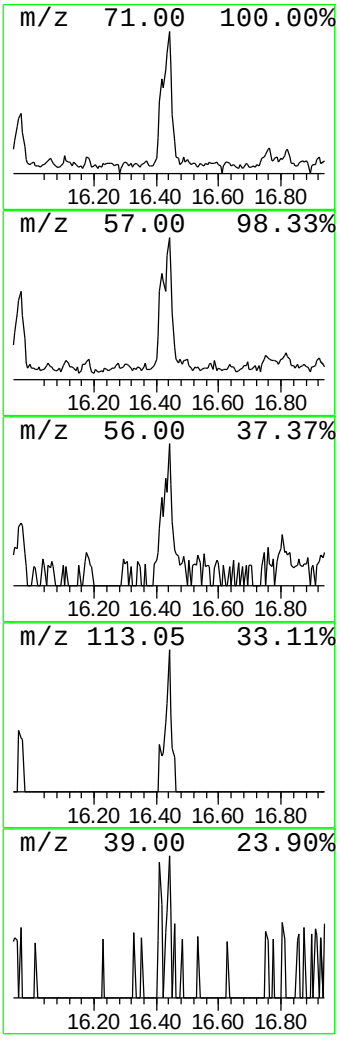
Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	3.07 ng/ul	33887	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	47
2	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	37
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	37
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	33
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	32





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021387.D
Acq On : 9 Mar 2016 4:23
Operator : UM/SJ
Sample : H1625-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFG0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

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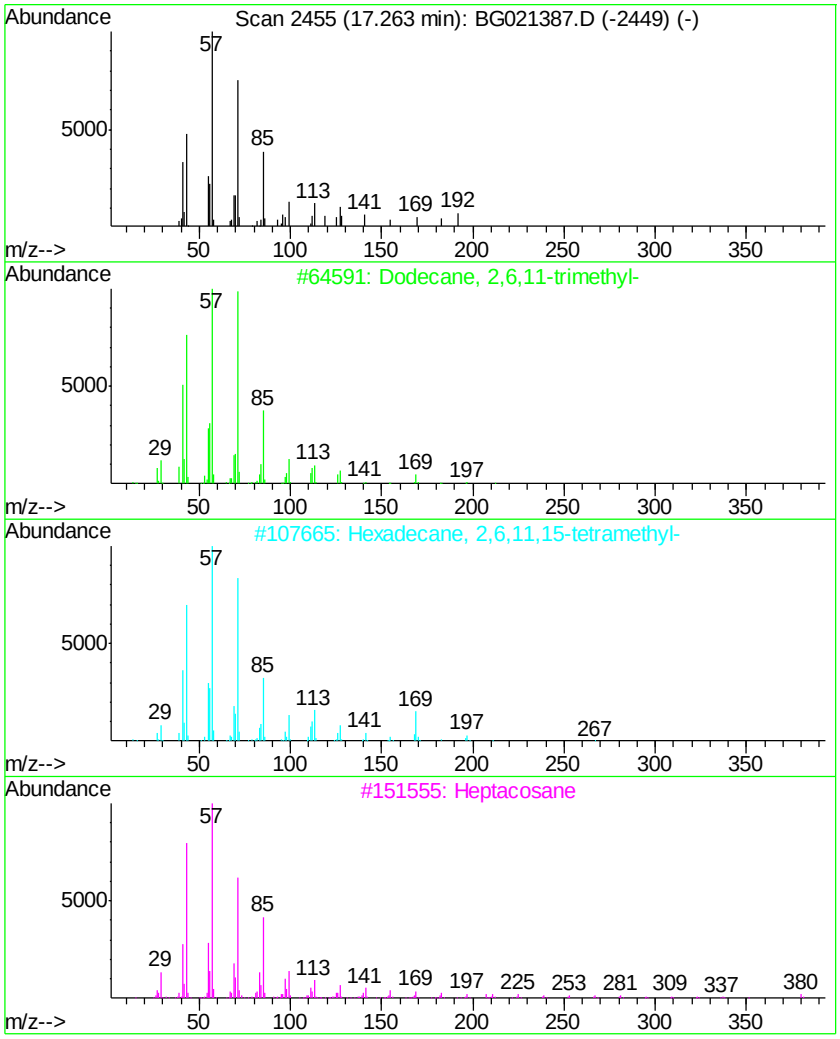
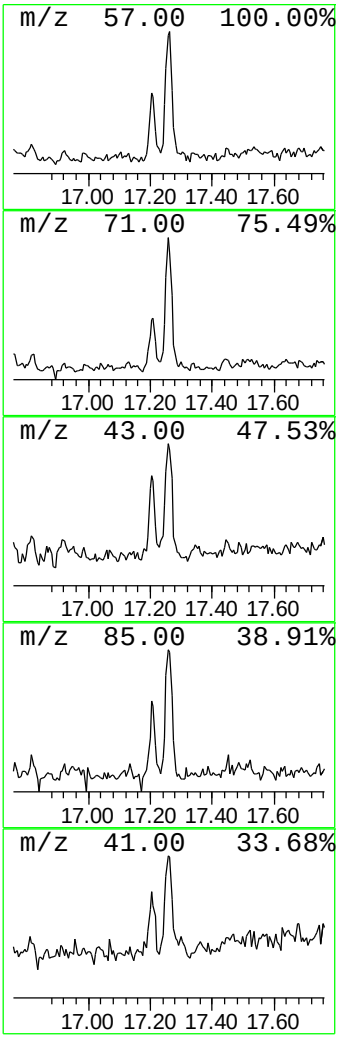
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	3.11 ng/ul	34296	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
3	Heptacosane	380	C27H56	000593-49-7	72
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
5	1-Octanol, 2,2-dimethyl-	158	C10H22O	002370-14-1	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021387.D
Acq On : 9 Mar 2016 4:23
Operator : UM/SJ
Sample : H1625-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFG0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

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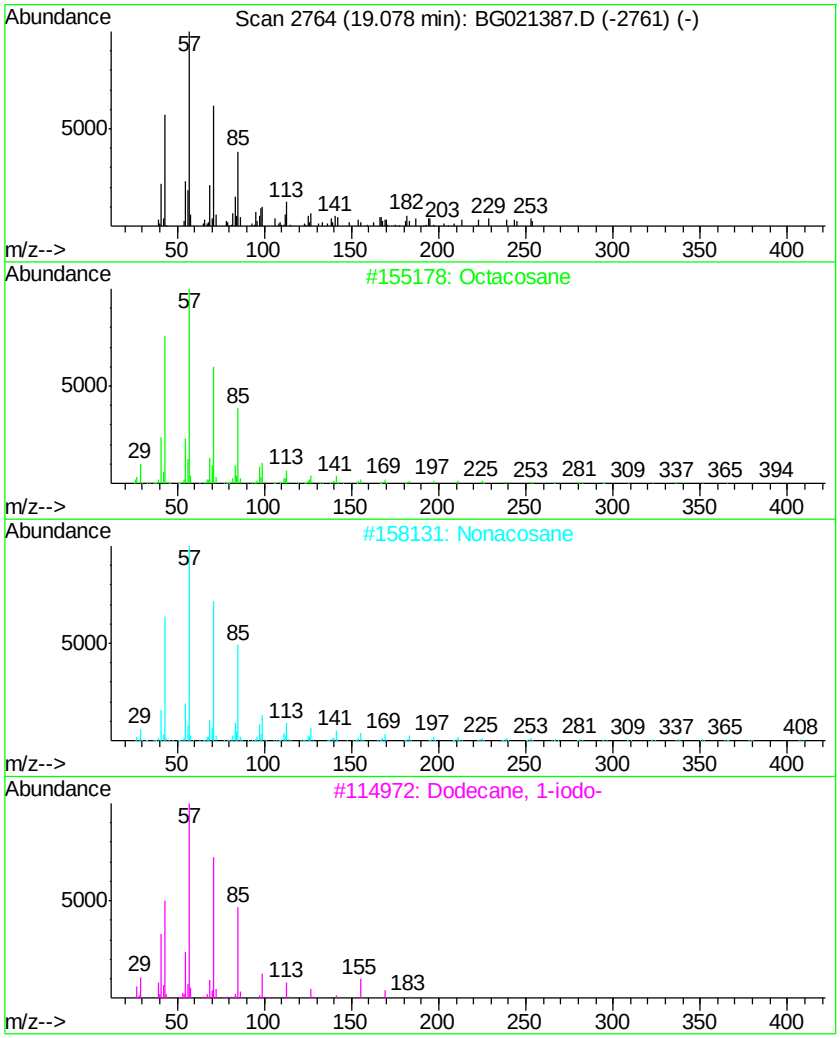
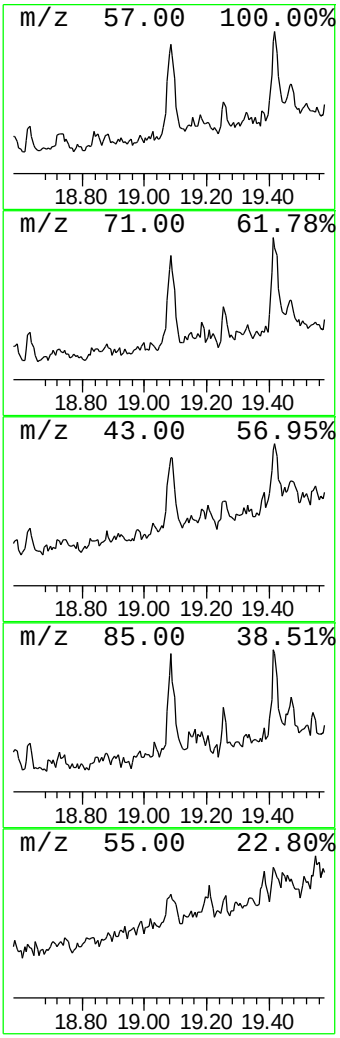
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	4.73 ng/ul	52175	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Nonacosane	408	C29H60	000630-03-5	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	78





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021387.D
Acq On : 9 Mar 2016 4:23
Operator : UM/SJ
Sample : H1625-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFG0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

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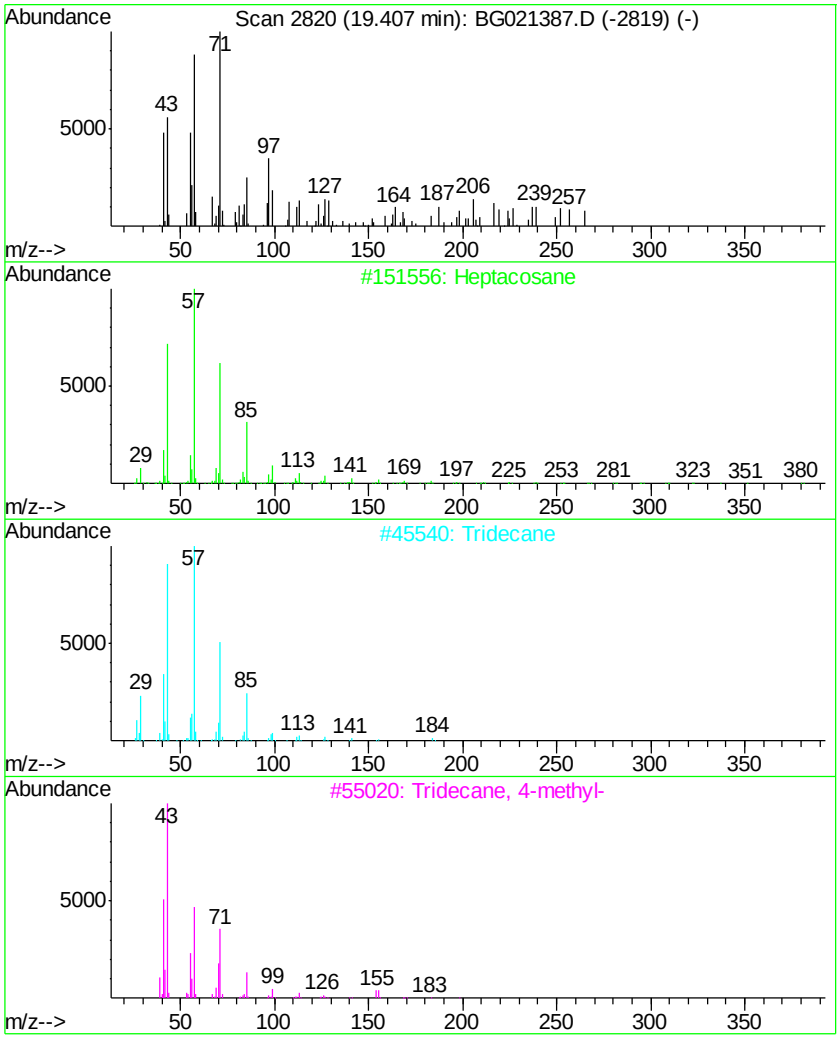
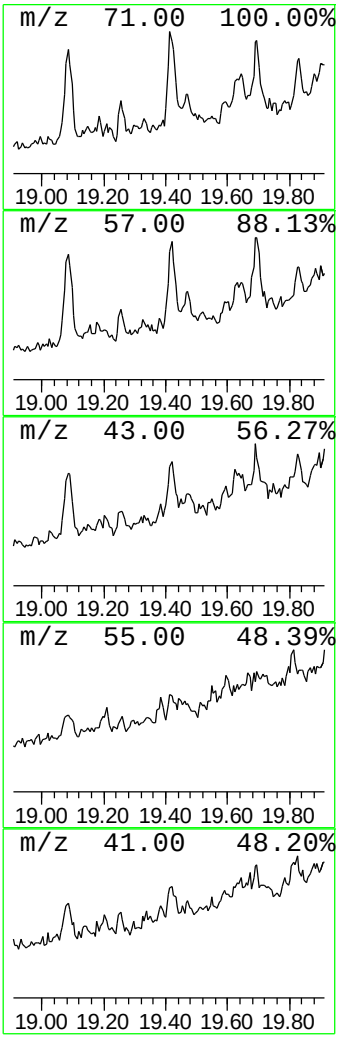
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.41	3.04 ng/ul	33547	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	58
2	Tridecane	184	C13H28	000629-50-5	58
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	53
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	50
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021387.D
Acq On : 9 Mar 2016 4:23
Operator : UM/SJ
Sample : H1625-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFG0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

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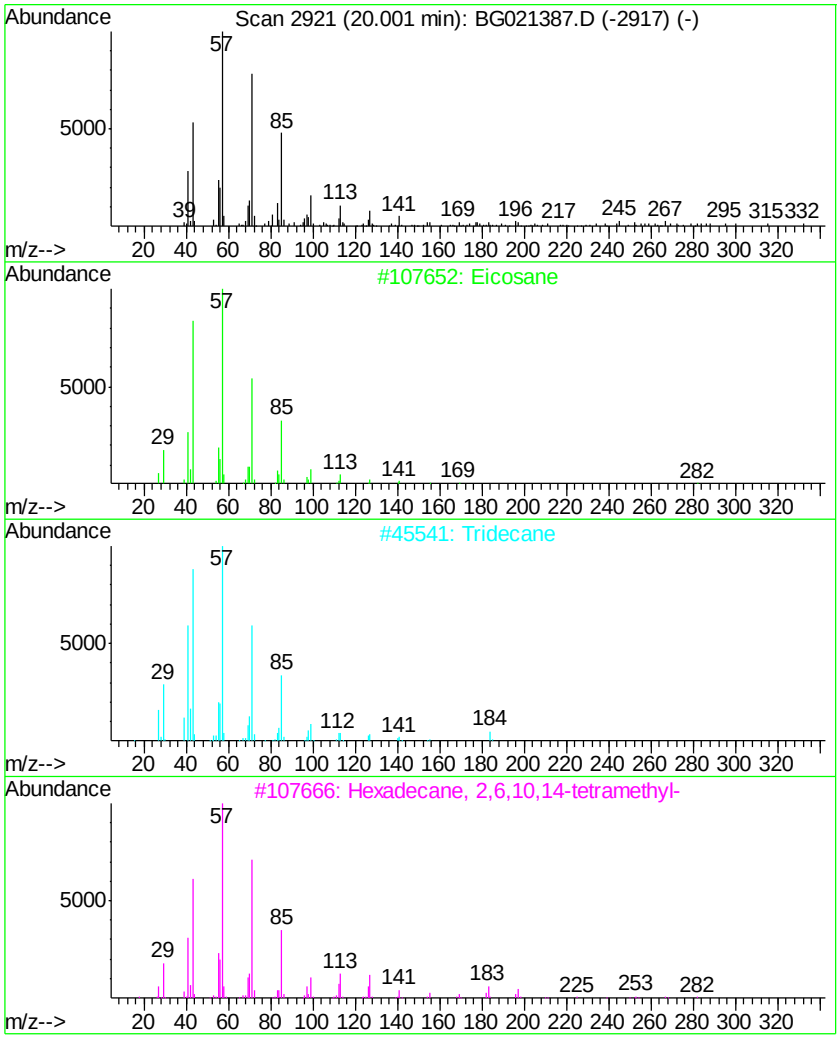
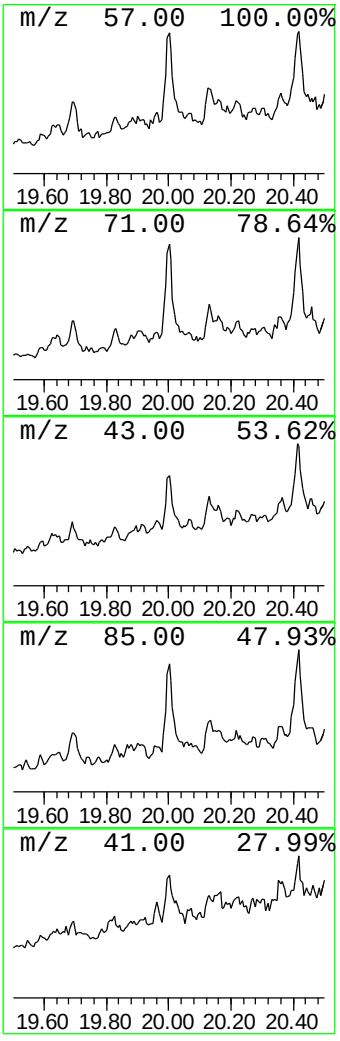
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	9.38 ng/ul	122702	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tridecane	184	C13H28	000629-50-5	91
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Hexadecane	226	C16H34	000544-76-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021387.D
Acq On : 9 Mar 2016 4:23
Operator : UM/SJ
Sample : H1625-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFG0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.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...	3.26	2.3	ng/ul	11051	1	8.13	96943	20.0
(DEL) Alkane: Str...	15.96	2.2	ng/ul	21176	3	14.74	190793	20.0
unknown-01	16.44	3.1	ng/ul	33887	4	17.47	220677	20.0
(DEL) Alkane: Str...	17.26	3.1	ng/ul	34296	4	17.47	220677	20.0
(DEL) Alkane: Str...	19.08	4.7	ng/ul	52175	4	17.47	220677	20.0
(DEL) Alkane: Str...	19.41	3.0	ng/ul	33547	4	17.47	220677	20.0
(DEL) Alkane: Str...	20.00	9.4	ng/ul	122702	5	21.74	261528	20.0