LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024275.D
Acq On : 11 Oct 2016 21:31
Operator : UM/SJ
Sample : H5080-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNB3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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	2.997	22	27	64	rVB	9768876	27528919	100.00%	26.958%
2	3.291	71	77	114	rVB	7184387	16699527	60.66%	16.353%
3	3.555	117	122	134	rVB	269802	457373	1.66%	0.448%
4	3.649	134	138	141	rVB5	32601	41340	0.15%	0.040%
5	4.413	262	268	283	rVB	557512	940502	3.42%	0.921%
6	4.895	348	350	357	rVB8	12815	28236	0.10%	0.028%
7	5.241	406	409	417	rVB10	14005	33288	0.12%	0.033%
8	5.359	420	429	436	rBV3	45327	84638	0.31%	0.083%
9	5.635	473	476	483	rVB8	13904	31629	0.11%	0.031%
10	7.221	740	746	756	rBV5	38678	94822	0.34%	0.093%
11	7.415	770	779	794	rVB	668663	1312778	4.77%	1.286%
12	7.603	803	811	823	rBV	483812	830587	3.02%	0.813%
13	7.809	837	846	858	rBV2	599191	1131294	4.11%	1.108%
14	8.291	920	928	942	rVB	467717	872229	3.17%	0.854%
15	8.978	1037	1045	1054	rBV	836469	1491321	5.42%	1.460%
16	9.313	1096	1102	1110	rVB10	15883	31691	0.12%	0.031%
17	9.466	1115	1128	1135	rBV	664524	1246668	4.53%	1.221%
18	9.530	1135	1139	1154	rVB2	122579	217604	0.79%	0.213%
19	10.188	1242	1251	1260	rVB2	586772	1041833	3.78%	1.020%
20	10.359	1277	1280	1291	rVB9	14044	35409	0.13%	0.035%
21	10.723	1329	1342	1351	rBV	867091	1564588	5.68%	1.532%
22	11.117	1402	1409	1417	rBV	632470	1185595	4.31%	1.161%
23	11.246	1424	1431	1443	rBV2	519326	986755	3.58%	0.966%
24	11.851	1529	1534	1538	rBV7	19730	29335	0.11%	0.029%
25	12.680	1669	1675	1682	rVB7	20670	37429	0.14%	0.037%
26	13.496	1810	1814	1820	rVB9	19284	35820	0.13%	0.035%
27	13.555	1820	1824	1832	rBV9	15394	43194	0.16%	0.042%
28	13.772	1857	1861	1870	rVB6	28554	57991	0.21%	0.057%
29	14.301	1936	1951	1955	rBV	1769074	2772224	10.07%	2.715%
30	14.348	1955	1959	1966	rVB	1666972	2447194	8.89%	2.396%
31	14.601	1995	2002	2015	rVB	1733729	2849194	10.35%	2.790%
32	14.765	2021	2030	2036	rBV5	31902	60305	0.22%	0.059%
33	14.906	2046	2054	2061	rVB2	1141068	1846382	6.71%	1.808%
34	15.065	2073	2081	2092	rBV	1005567	1599073	5.81%	1.566%

LSC Area Percent Report

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Data File : BG024275.D
Acq On : 11 Oct 2016 21:31
Operator : UM/SJ
Sample : H5080-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNB3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Title : SVOA CALIBRATION

35	15.265	2111	2115	2120	rVB6	19554	32168	0.12%	0.032%
36	15.376	2129	2134	2140	rVB9	19534	37391	0.14%	0.037%
37	15.441	2140	2145	2153	rBV9	17535	41197	0.15%	0.040%
38	15.670	2178	2184	2187	rBV5	30857	52205	0.19%	0.051%
39	15.711	2187	2191	2196	rVB2	108098	139932	0.51%	0.137%
40	15.894	2213	2222	2229	rBV	2399990	3888372	14.12%	3.808%
41	15.993	2229	2239	2250	rBV	977434	1475573	5.36%	1.445%
42	16.123	2250	2261	2272	rVB8	55499	175303	0.64%	0.172%
43	16.328	2293	2296	2303	rVB6	30706	54492	0.20%	0.053%
44	16.393	2303	2307	2310	rBV6	19031	29236	0.11%	0.029%
45	16.569	2327	2337	2347	rBV2	120252	249436	0.91%	0.244%
46	16.745	2362	2367	2374	rVB2	13591	32109	0.12%	0.031%
47	16.910	2388	2395	2400	rBV10	20679	50840	0.18%	0.050%
48	17.074	2420	2423	2431	rVB10	17436	27946	0.10%	0.027%
49	17.362	2467	2472	2478	rBV	186494	267371	0.97%	0.262%
50	17.415	2478	2481	2487	rVB7	27084	45551	0.17%	0.045%
51	17.644	2510	2520	2528	rBV2	1566503	2489775	9.04%	2.438%
52	17.744	2530	2537	2548	rVB	2786328	4438755	16.12%	4.347%
53	17.985	2573	2578	2586	rBV5	65815	135644	0.49%	0.133%
54	18.097	2593	2597	2603	rBV6	36438	53594	0.19%	0.052%
55	18.379	2639	2645	2648	rBV7	18498	30328	0.11%	0.030%
56	18.490	2659	2664	2676	rBV	537903	843539	3.06%	0.826%
57	18.784	2709	2714	2716	rBV6	25694	37441	0.14%	0.037%
58	19.654	2850	2862	2866	rBV6	64664	185555	0.67%	0.182%
59	19.748	2871	2878	2887	rBV2	382489	544185	1.98%	0.533%
60	19.901	2900	2904	2910	rVB3	41496	62255	0.23%	0.061%
61	20.012	2915	2923	2932	rBV	3487789	5361332	19.48%	5.250%
62	20.617	3025	3026	3030	rBV4	26012	31686	0.12%	0.031%
63	20.753	3047	3049	3055	rBV7	31130	69100	0.25%	0.068%
64	21.534	3176	3182	3190	rBV4	209921	337778	1.23%	0.331%
65	21.945	3245	3252	3259	rBV	1626034	2884649	10.48%	2.825%
66	24.360	3659	3663	3671	rVB10	50557	131730	0.48%	0.129%
67	25.153	3785	3798	3819	rVB2	1722180	5119848	18.60%	5.014%
68	25.394	3828	3839	3855	rVB	933308	2971026	10.79%	2.909%
69	26.604	4043	4045	4056	rVB	54480	124028	0.45%	0.121%

Sum of corrected areas: 102118137

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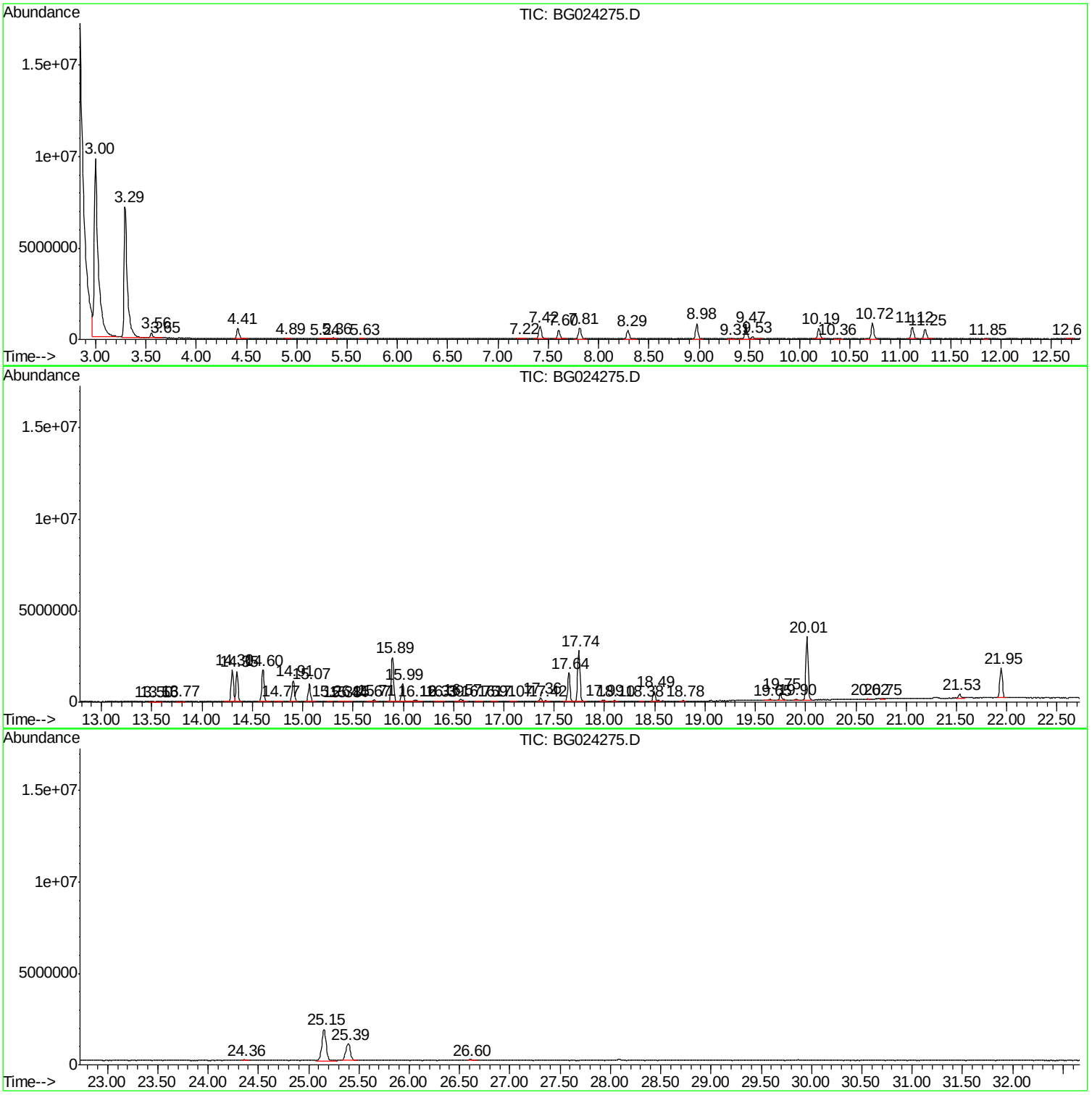
Operator : UM/SJ
Sample : H5080-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

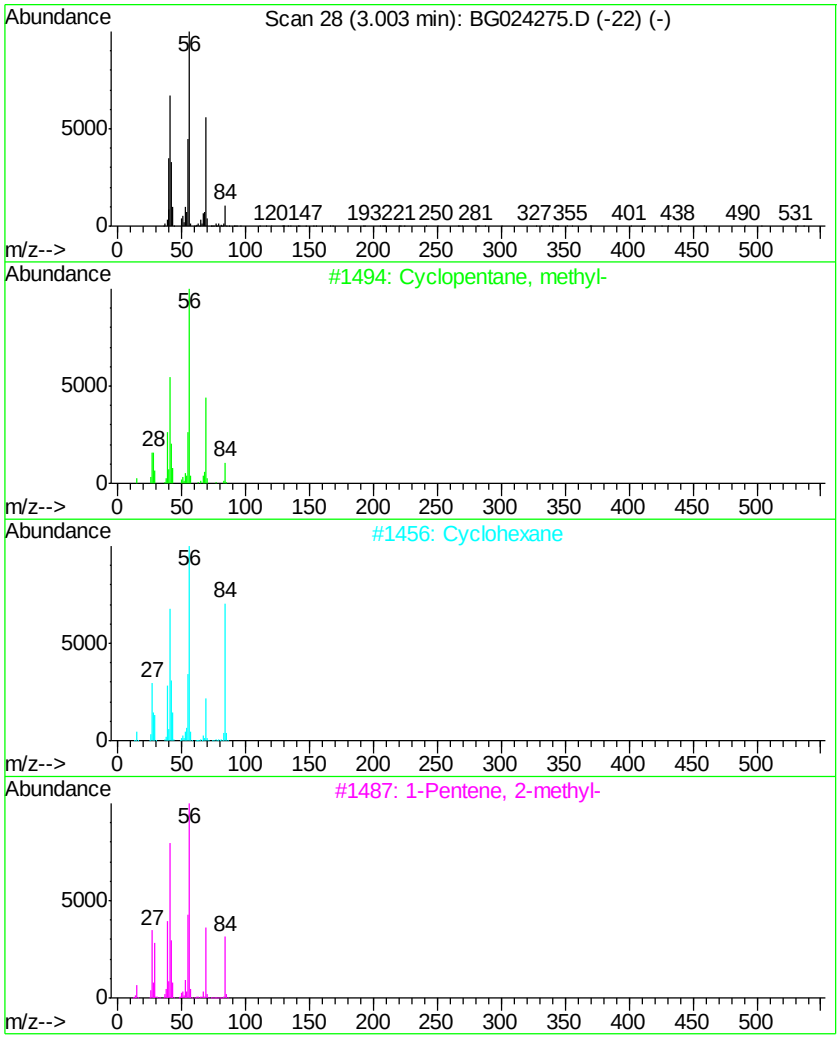
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

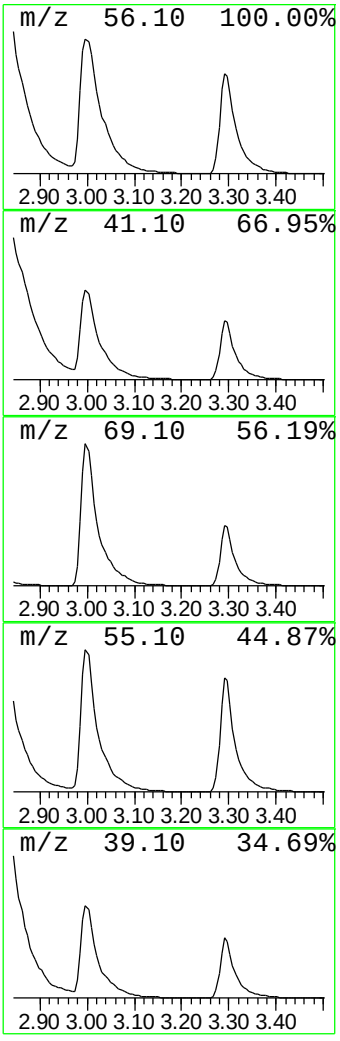
****

Peak Number 1 (DEL) Alkane: Cyclic3.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	631.23 ng/ul	27528900	1,4-Dichlorobenzene-d4	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	78
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
4	Cyclohexane	84	C6H12	000110-82-7	64
5	Cyclohexane	84	C6H12	000110-82-7	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024275.D
Acq On : 11 Oct 2016 21:31
Operator : UM/SJ
Sample : H5080-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

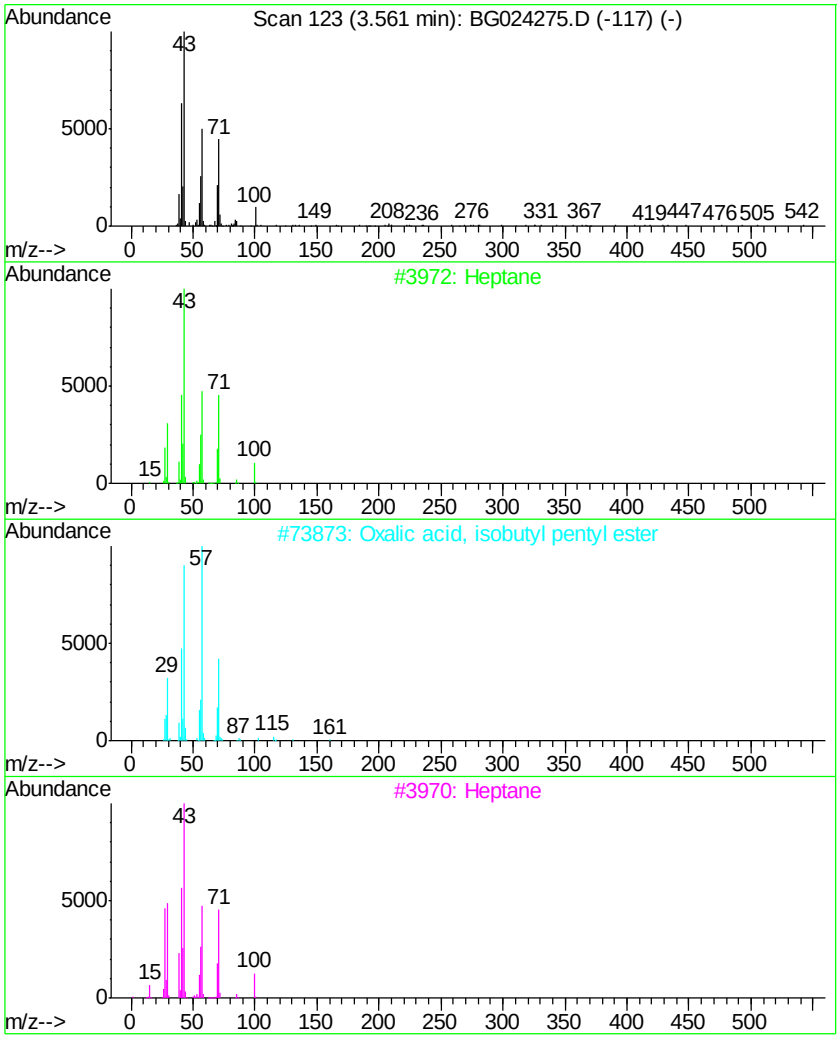
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

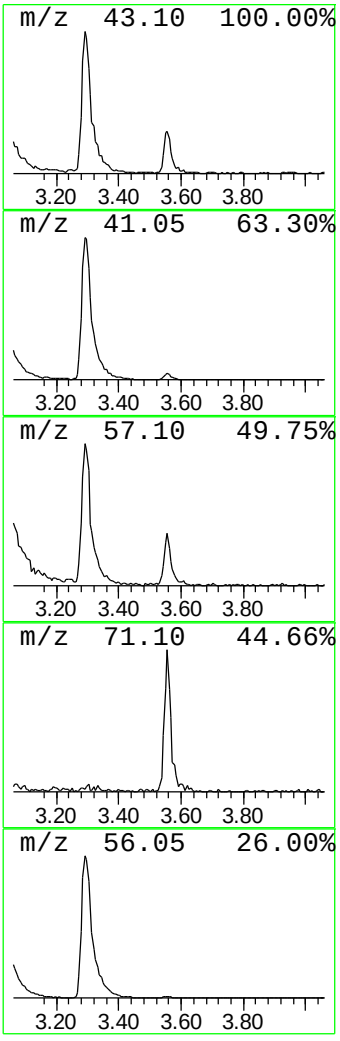
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	10.49 ng/ul	457373	1,4-Dichlorobenzene-d4	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	64
2	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	53
3	Heptane	100	C7H16	000142-82-5	50
4	Oxirane, pentyl-	114	C7H14O	005063-65-0	50
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024275.D
Acq On : 11 Oct 2016 21:31
Operator : UM/SJ
Sample : H5080-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

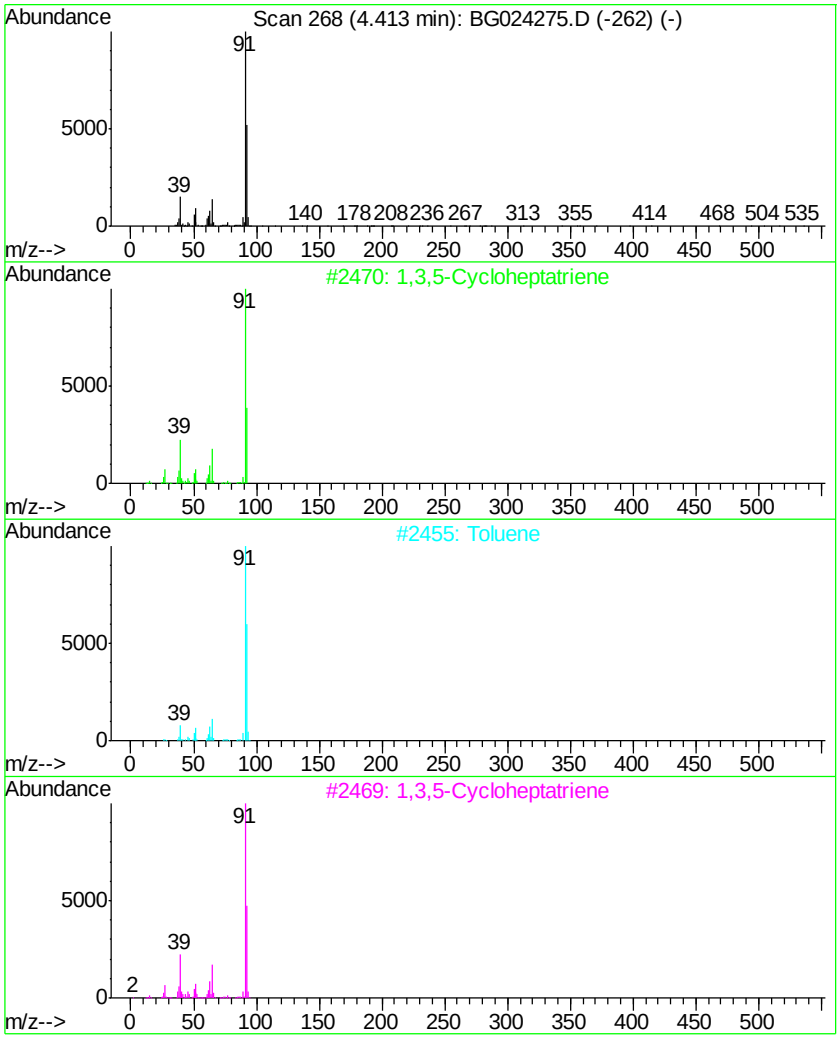
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

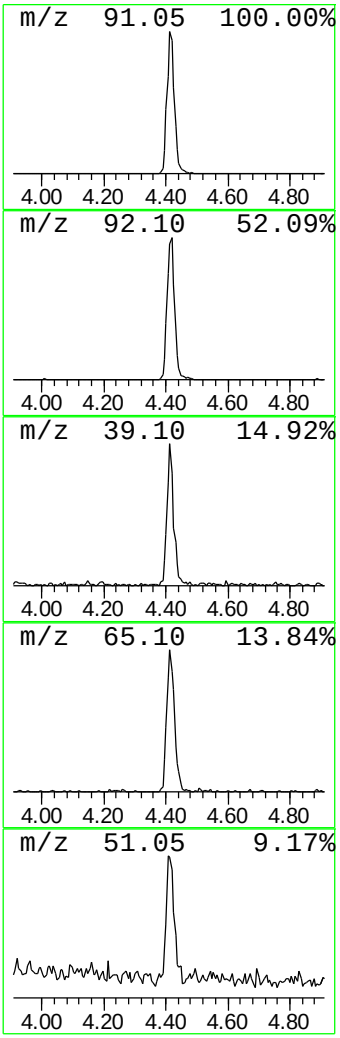
****

Peak Number 4 1,3,5-Cycloheptatriene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	21.57 ng/ul	940502	1,4-Dichlorobenzene-d4	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	91
2	Toluene	92	C7H8	000108-88-3	90
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
4	Toluene	92	C7H8	000108-88-3	90
5	Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
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Acq On : 11 Oct 2016 21:31
Operator : UM/SJ
Sample : H5080-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

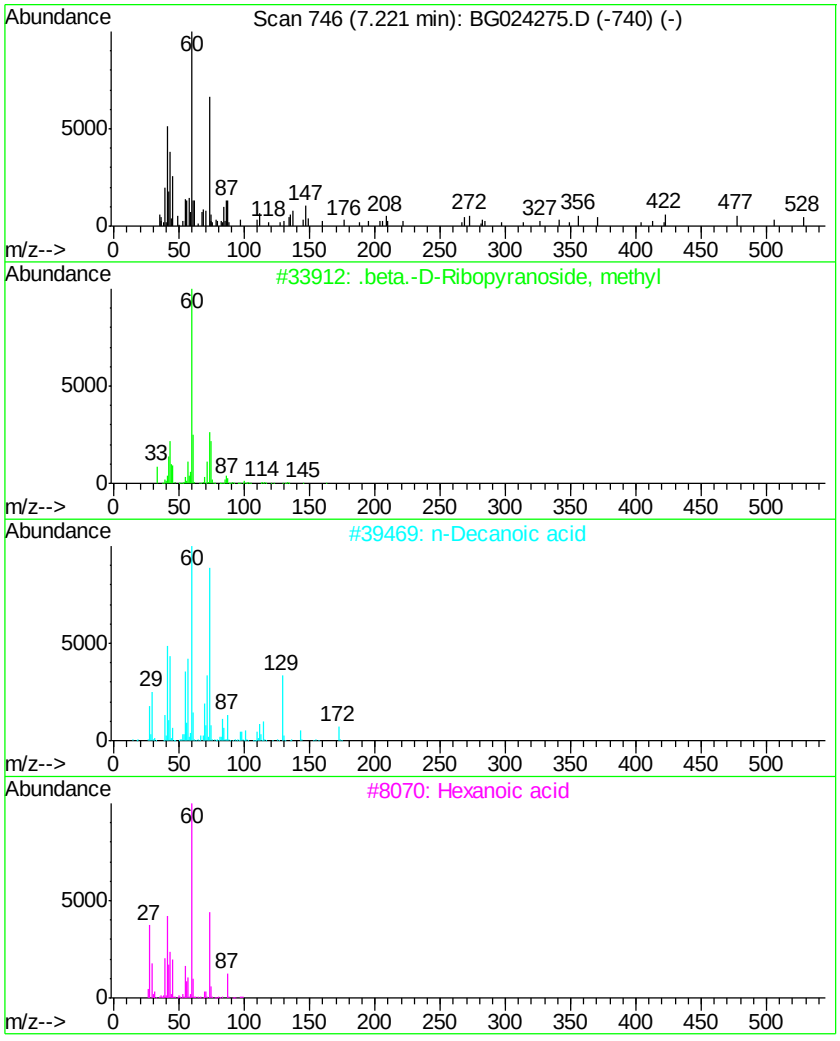
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

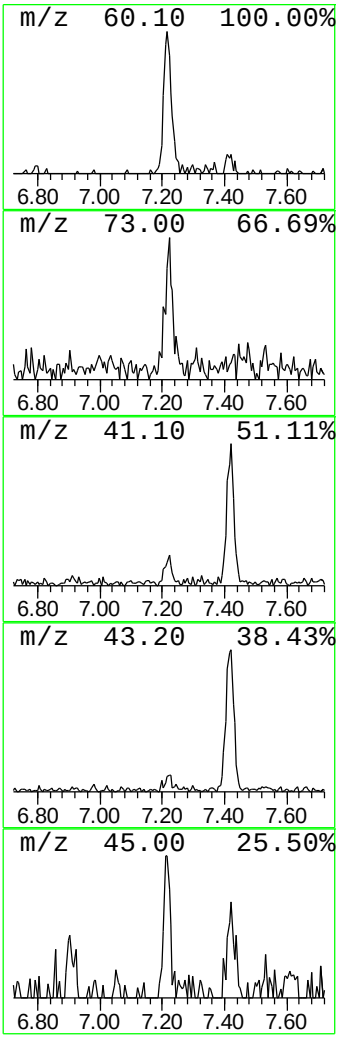
****

Peak Number 5 .beta.-D-Ribopyranoside, me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	2.17 ng/ul	94822	1,4-Dichlorobenzene-d4	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-D-Ribopyranoside, methyl	164	C6H12O5	017289-61-1	59
2	n-Decanoic acid	172	C10H20O2	000334-48-5	53
3	Hexanoic acid	116	C6H12O2	000142-62-1	53
4	Hexanoic acid	116	C6H12O2	000142-62-1	53
5	D-Fucose	164	C6H12O5	003615-37-0	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
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Operator : UM/SJ
Sample : H5080-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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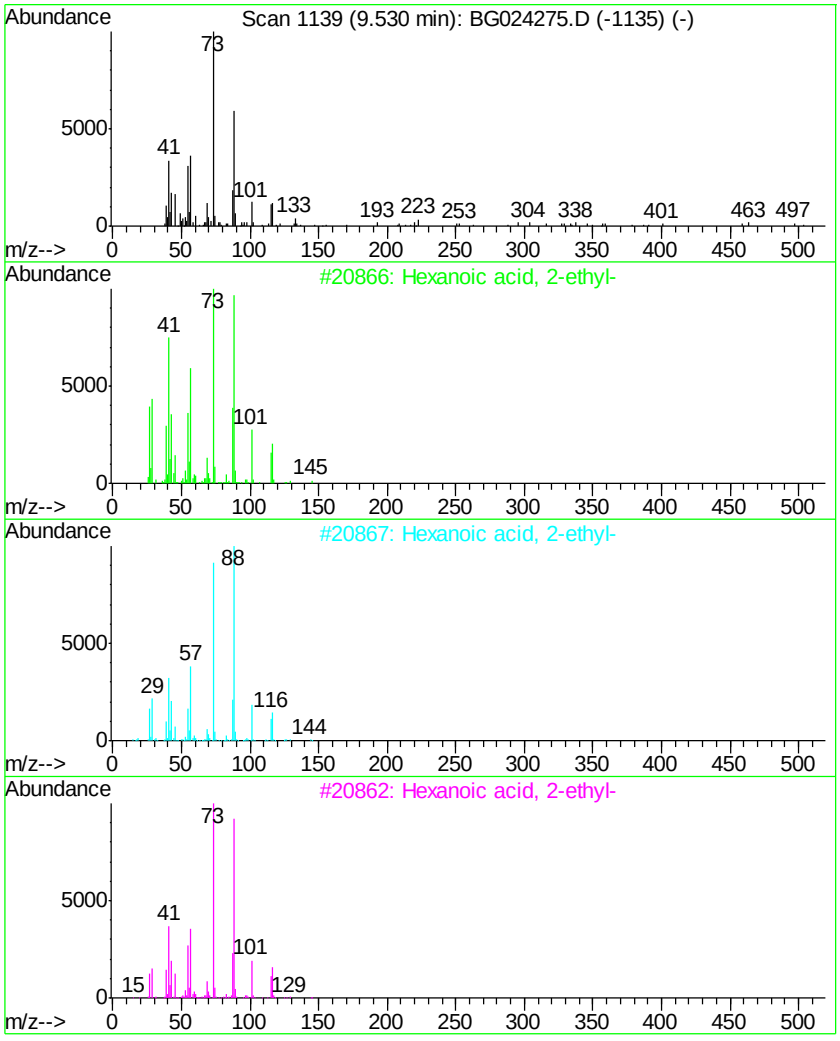
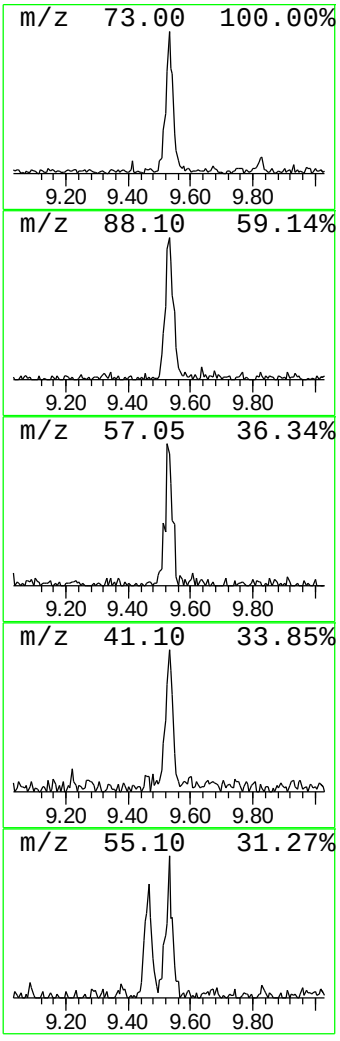
Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	4.99 ng/ul	217604	1,4-Dichlorobenzene-d4	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	53
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	45
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	45
4	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	45
5	1-Methyl-1-silacyclopentan-1-ol	116	C5H12OSi	1000216-84-4	40





Library Search Compound Report

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Sample : H5080-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

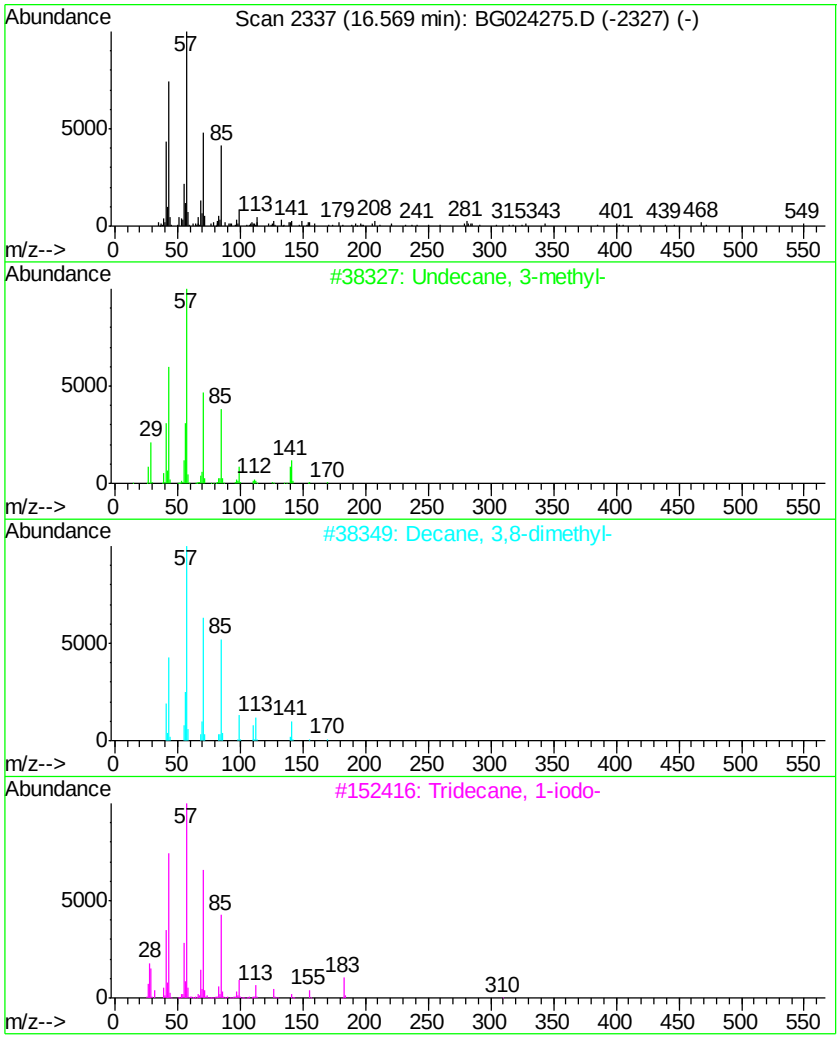
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

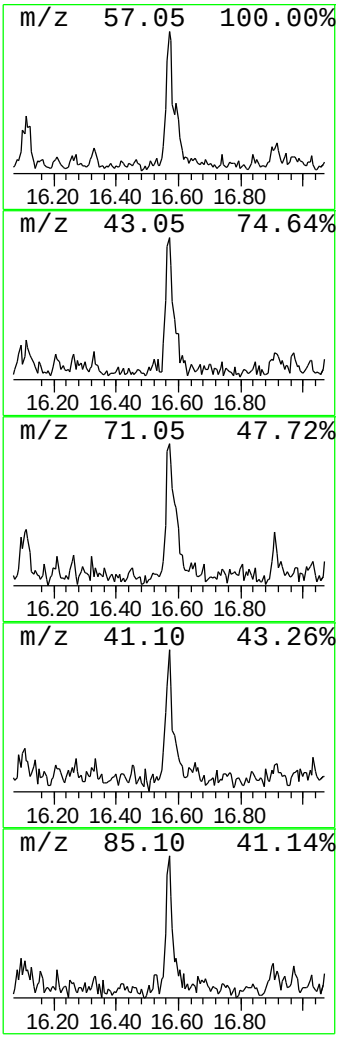
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	2.00 ng/ul	249436	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	80
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024275.D
Acq On : 11 Oct 2016 21:31
Operator : UM/SJ
Sample : H5080-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

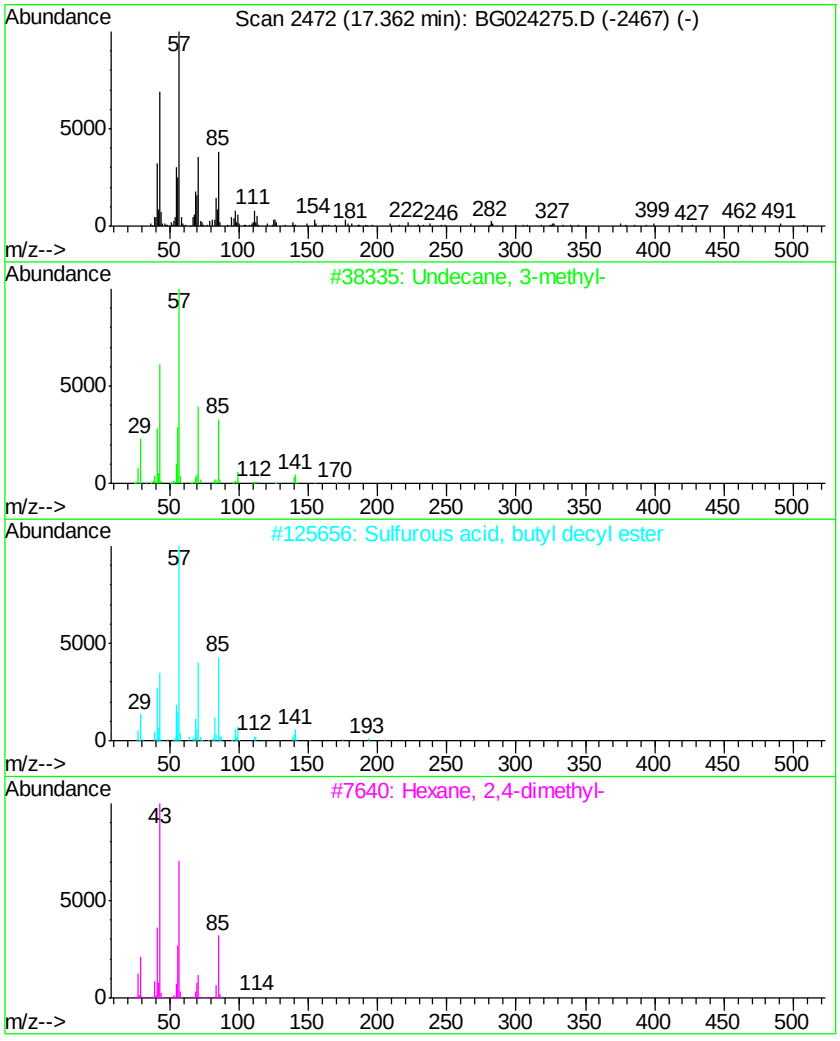
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

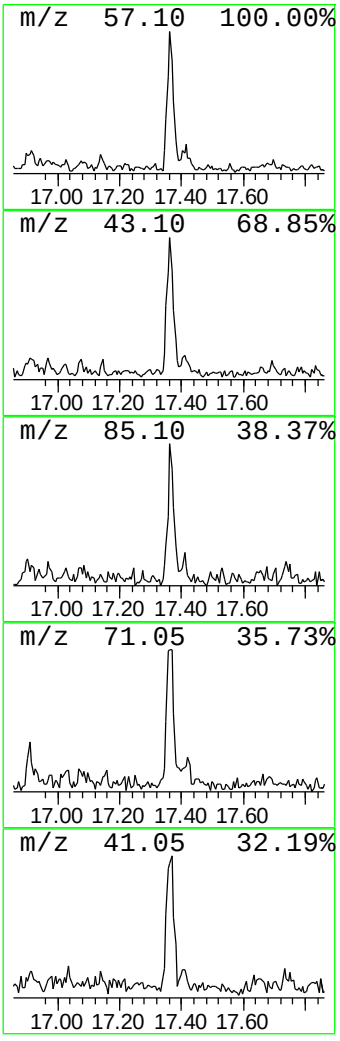
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	2.15 ng/ul	267371	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
2	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024275.D
Acq On : 11 Oct 2016 21:31
Operator : UM/SJ
Sample : H5080-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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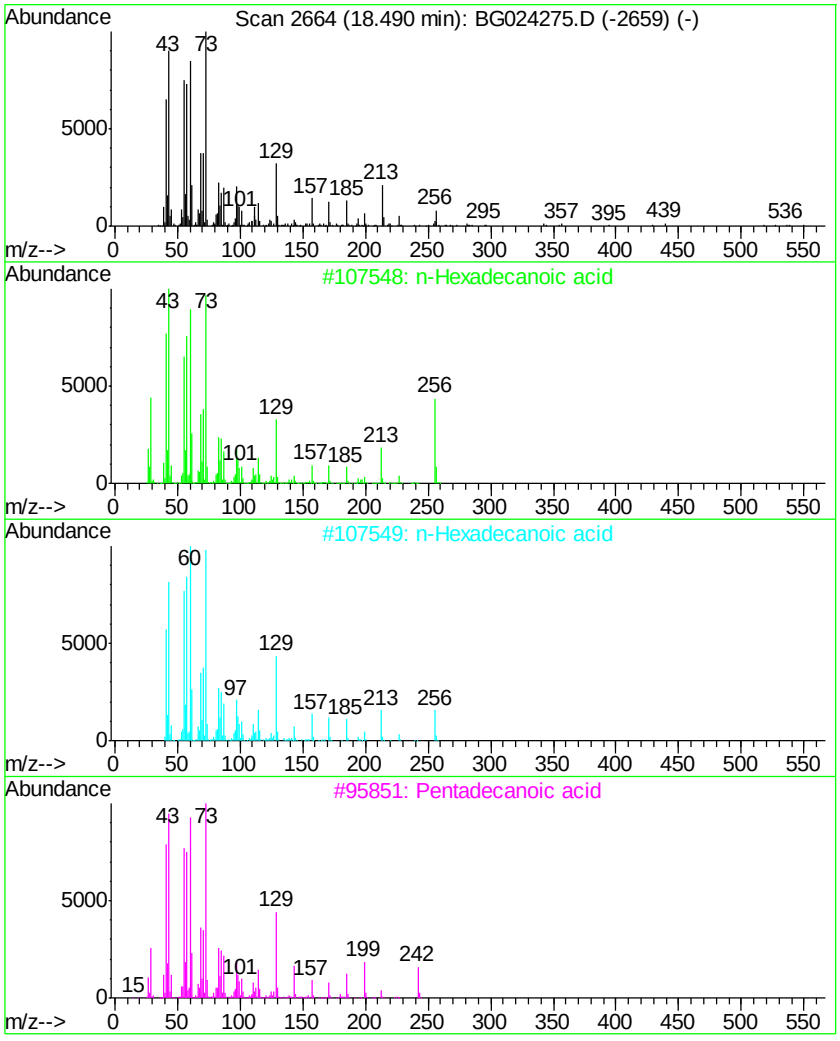
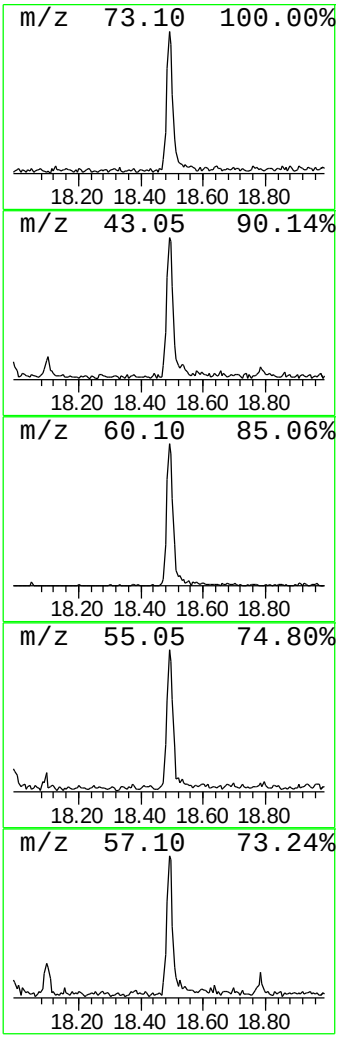
Peak Number 9 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	6.78 ng/ul	843539	Phenanthrene-d10	17.64

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





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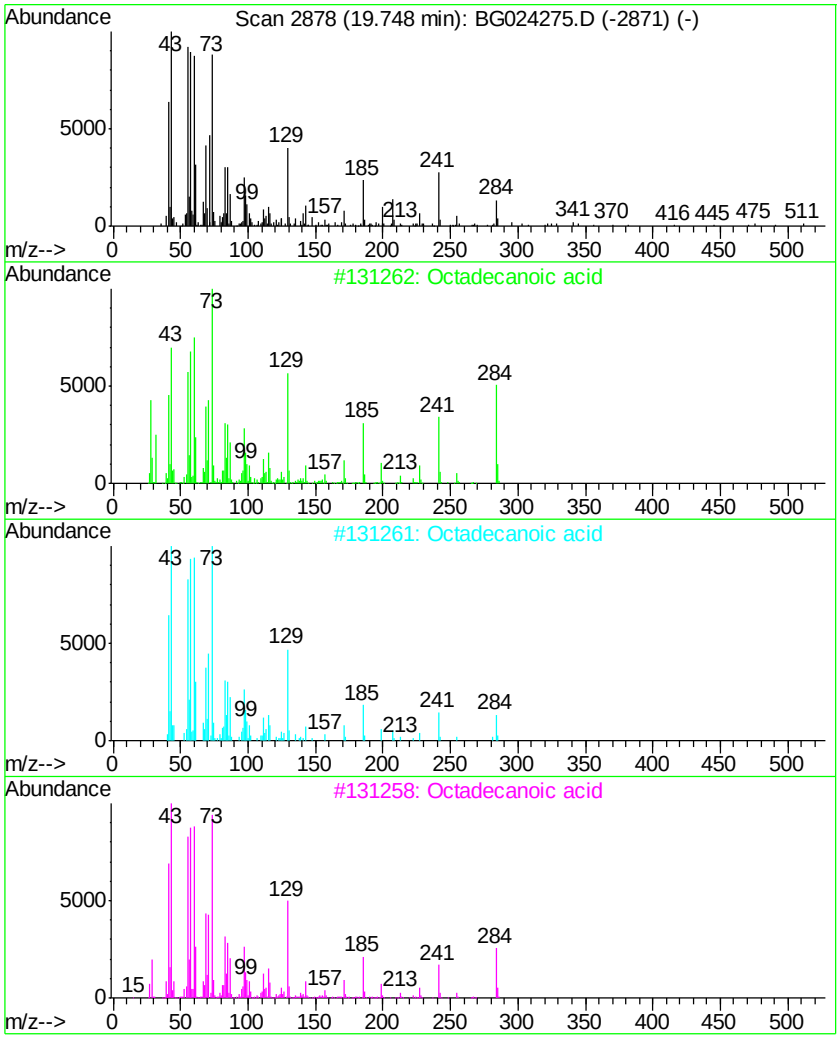
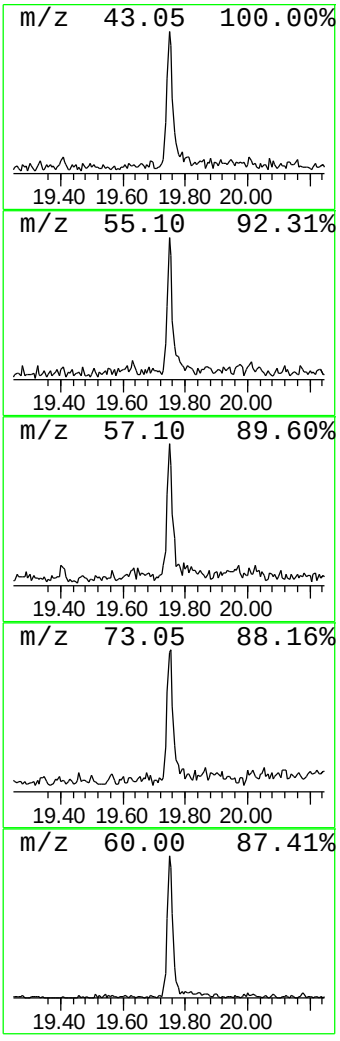
Peak Number 10 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	4.37 ng/ul	544185	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	86
4	Octadecanoic acid	284	C18H36O2	000057-11-4	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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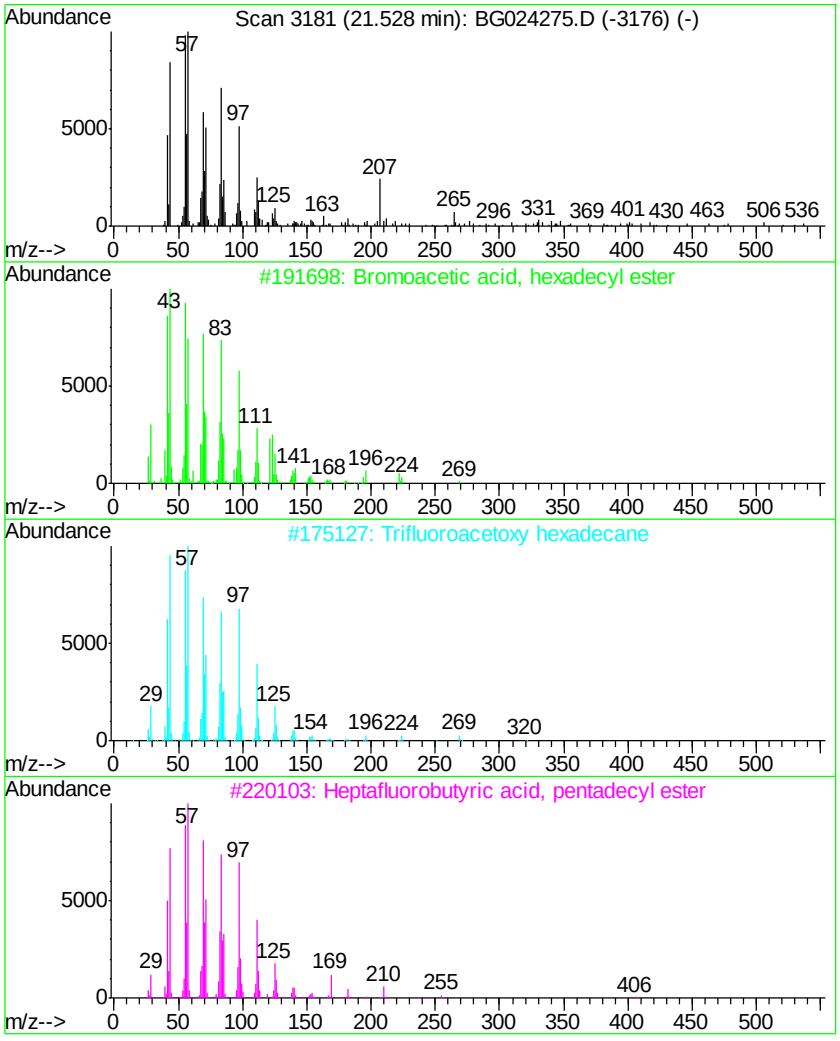
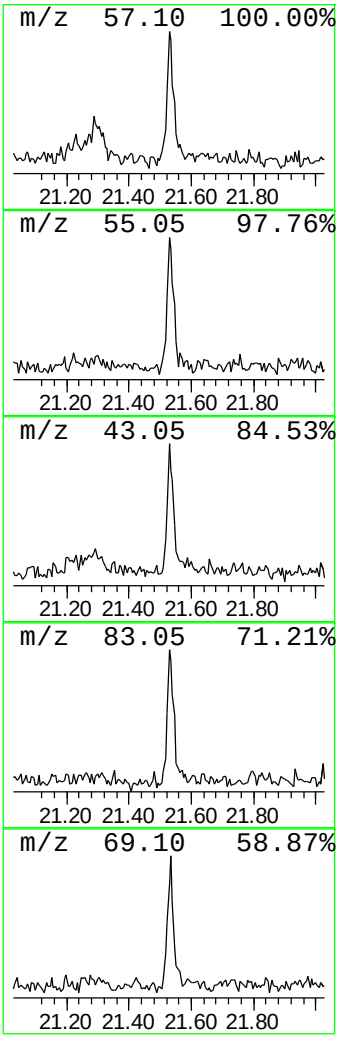
Peak Number 11 Bromoacetic acid, hexadecyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	2.34 ng/ul	337778	Chrysene-d12	21.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	87
5	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	3.00	631.2	ng/ul	27528900	1	8.29	872229	20.0
(DEL) Alkane: Str...	3.56	10.5	ng/ul	457373	1	8.29	872229	20.0
1,3,5-Cycloheptat...	4.41	21.6	ng/ul	940502	1	8.29	872229	20.0
.beta.-D-Ribopyra...	7.22	2.2	ng/ul	94822	1	8.29	872229	20.0
Hexanoic acid, 2-...	9.53	5.0	ng/ul	217604	1	8.29	872229	20.0
(DEL) Alkane: Str...	16.57	2.0	ng/ul	249436	4	17.64	2489780	20.0
(DEL) Alkane: Str...	17.36	2.1	ng/ul	267371	4	17.64	2489780	20.0
n-Hexadecanoic acid	18.49	6.8	ng/ul	843539	4	17.64	2489780	20.0
Octadecanoic acid	19.75	4.4	ng/ul	544185	4	17.64	2489780	20.0
Bromoacetic acid,...	21.53	2.3	ng/ul	337778	5	21.95	2884650	20.0