LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024735.D
Acq On : 7 Nov 2016 19:07
Operator : UM/SJ
Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG102516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.594	121	128	144	rBV	4234104	7706477	87.50%	11.511%
2	4.076	205	210	217	rVB3	52045	93437	1.06%	0.140%
3	5.321	414	422	432	rBV	409110	648023	7.36%	0.968%
4	5.668	473	481	490	rBV2	89545	245403	2.79%	0.367%
5	5.791	495	502	512	rVB	1655245	2872197	32.61%	4.290%
6	7.242	737	749	761	rBV2	151541	409936	4.65%	0.612%
7	7.401	768	776	792	rVB	1449367	2648583	30.07%	3.956%
8	7.789	832	842	850	rBV	1944928	3436108	39.01%	5.132%
9	8.259	914	922	933	rBV2	387848	743005	8.44%	1.110%
10	8.588	968	978	986	rBV	1432033	2588563	29.39%	3.866%
11	8.835	1009	1020	1035	rBV3	198980	501943	5.70%	0.750%
12	9.434	1114	1122	1132	rBV	1269240	2330521	26.46%	3.481%
13	10.315	1264	1272	1275	rBV5	50650	115135	1.31%	0.172%
14	10.380	1275	1283	1294	rVB2	298752	746950	8.48%	1.116%
15	11.085	1396	1403	1414	rVB	468801	894913	10.16%	1.337%
16	11.861	1525	1535	1547	rBV2	488594	1133069	12.86%	1.692%
17	12.002	1554	1559	1568	rVB9	49190	101121	1.15%	0.151%
18	13.153	1746	1755	1767	rBV2	701268	1409327	16.00%	2.105%
19	13.500	1806	1814	1822	rBV	3230369	5189584	58.92%	7.752%
20	14.281	1934	1947	1950	rBV2	1162511	2347931	26.66%	3.507%
21	14.317	1950	1953	1959	rVV	319644	491754	5.58%	0.735%
22	14.381	1959	1964	1970	rVV7	53342	119329	1.35%	0.178%
23	14.446	1970	1975	1979	rVV7	54567	97008	1.10%	0.145%
24	14.881	2042	2049	2061	rVB	765127	1314173	14.92%	1.963%
25	15.274	2108	2116	2125	rBV2	1920059	3554037	40.35%	5.309%
26	15.674	2180	2184	2190	rBV2	113788	189094	2.15%	0.282%
27	16.073	2245	2252	2257	rBV5	76096	156325	1.77%	0.233%
28	16.161	2260	2267	2275	rBV	1234373	1969544	22.36%	2.942%
29	16.361	2295	2301	2308	rVB	3293007	4946091	56.16%	7.388%
30	16.532	2326	2330	2333	rBV	248490	383769	4.36%	0.573%
31	16.602	2339	2342	2349	rVB9	55338	89354	1.01%	0.133%
32	16.978	2402	2406	2412	rBV2	392343	538009	6.11%	0.804%
33	17.325	2461	2465	2470	rBV	239086	329017	3.74%	0.491%
34	17.378	2470	2474	2478	rVB2	85227	130691	1.48%	0.195%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024735.D
Acq On : 7 Nov 2016 19:07
Operator : UM/SJ
Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG102516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.619	2510	2515	2526	rVB2	1053186	1683177	19.11%	2.514%
36	18.059	2587	2590	2593	rBV2	112100	122063	1.39%	0.182%
37	18.171	2605	2609	2614	rVB3	85537	106386	1.21%	0.159%
38	18.465	2655	2659	2668	rBV2	247270	403580	4.58%	0.603%
39	19.722	2871	2873	2878	rVB6	78848	93557	1.06%	0.140%
40	20.204	2949	2955	2962	rVB	6365956	8807760	100.00%	13.156%
41	21.496	3171	3175	3181	rBV6	124652	206724	2.35%	0.309%
42	21.913	3239	3246	3256	rVB	1390347	2462288	27.96%	3.678%
43	25.339	3819	3829	3841	rVB2	870734	2592955	29.44%	3.873%

Sum of corrected areas: 66948911

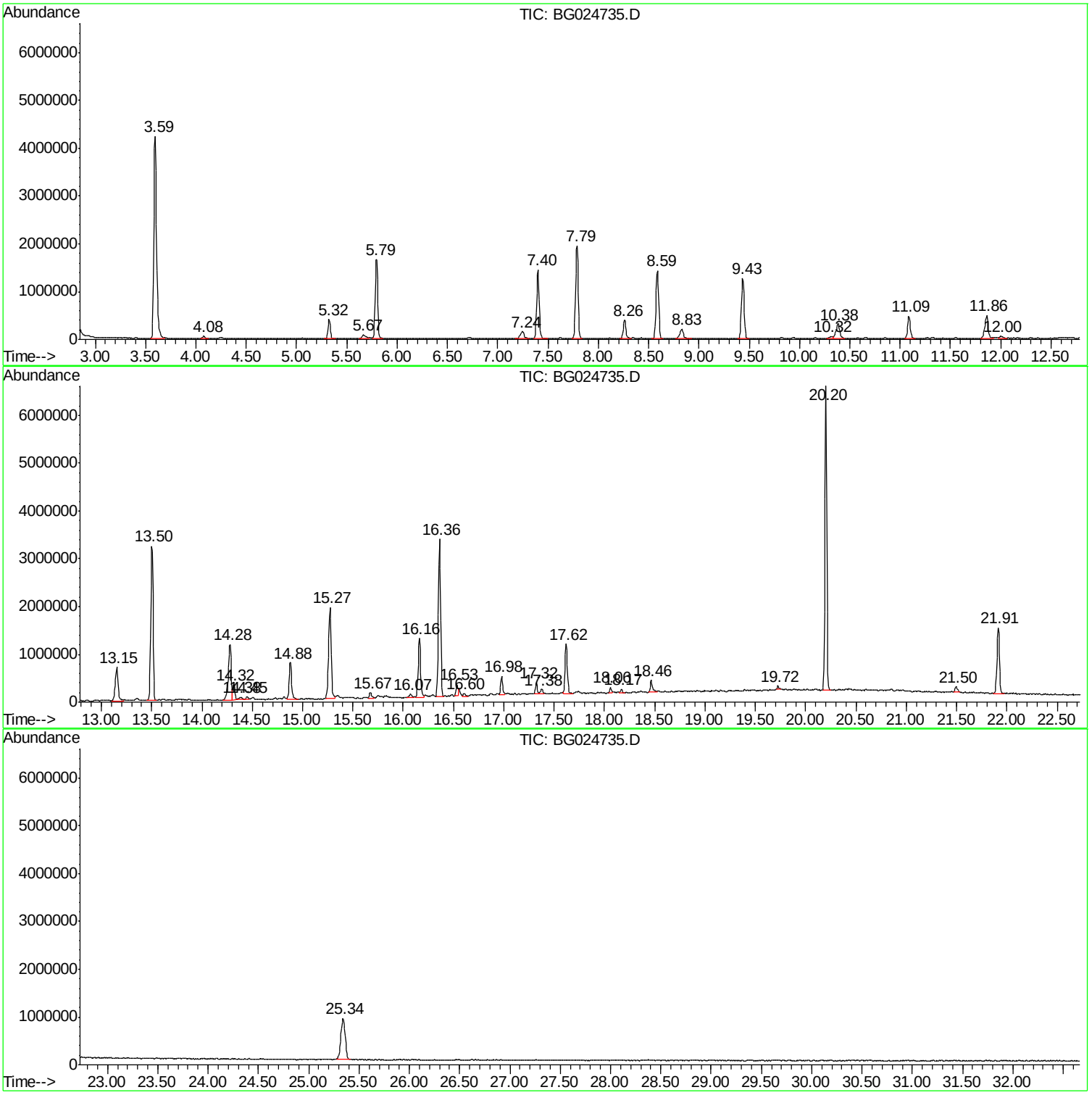
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024735.D
Acq On : 7 Nov 2016 19:07
Operator : UM/SJ
Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024735.D
Acq On : 7 Nov 2016 19:07
Operator : UM/SJ
Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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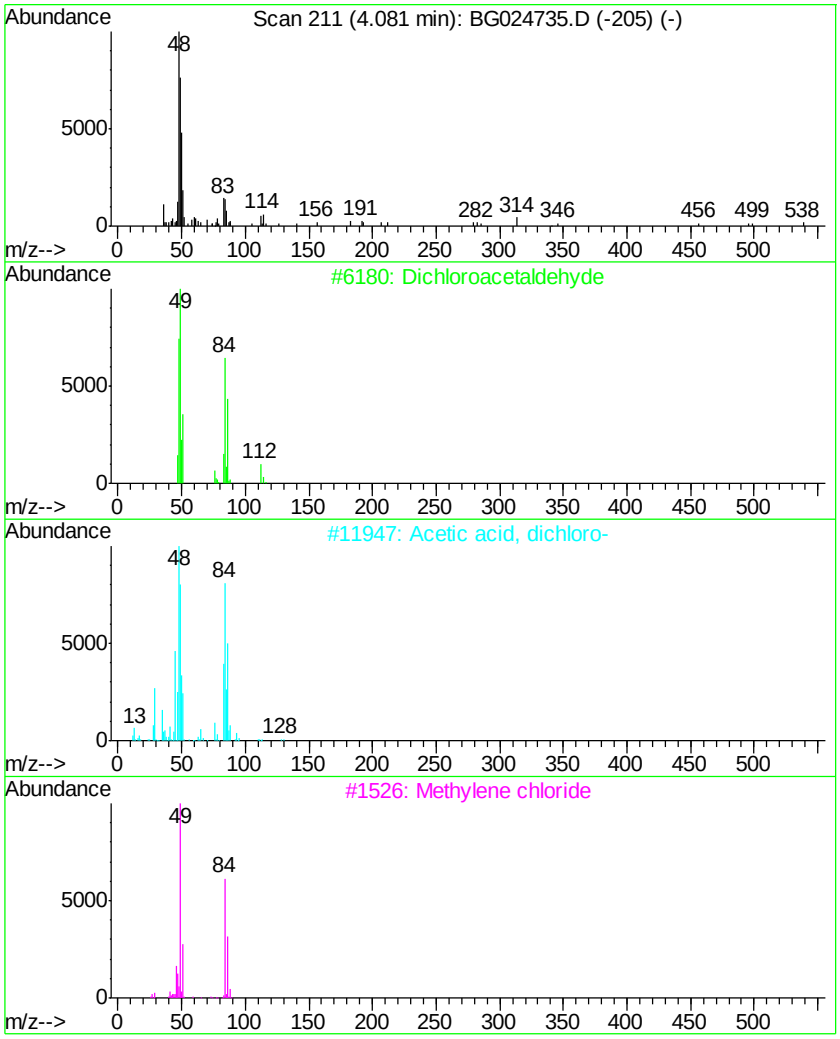
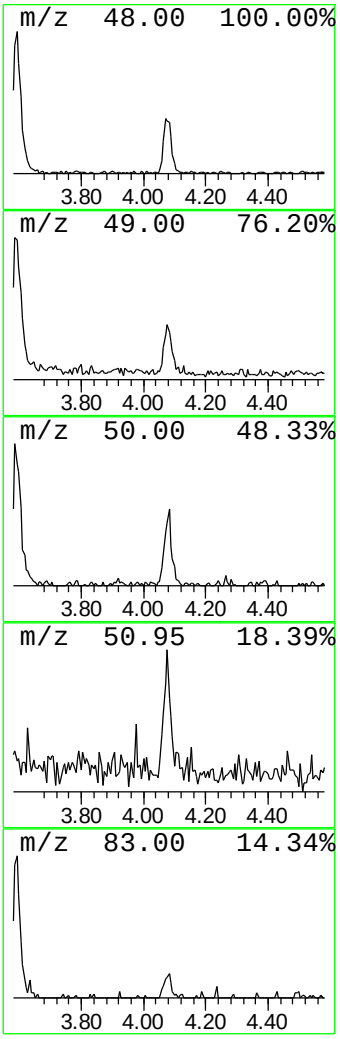
Peak Number 2 Dichloroacetaldehyde Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	2.52 ng	93437	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetaldehyde	112	C2H2Cl2O	000079-02-7	86
2	Acetic acid, dichloro-	128	C2H2Cl2O2	000079-43-6	64
3	Methylene chloride	84	CH2Cl2	000075-09-2	59
4	Methane, bromochloro-	128	CH2BrCl	000074-97-5	45
5	4,5-Dichloro-1,3-dioxolan-2-one	156	C3H2Cl2O3	003967-55-3	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024735.D
Acq On : 7 Nov 2016 19:07
Operator : UM/SJ
Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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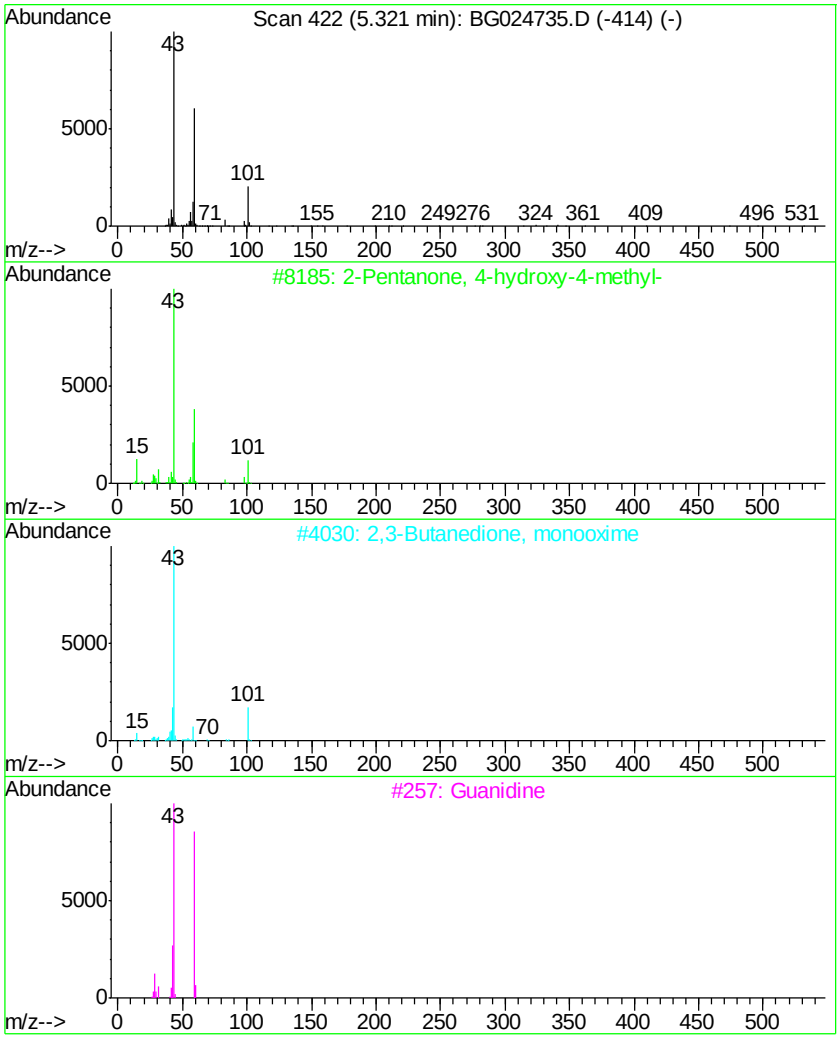
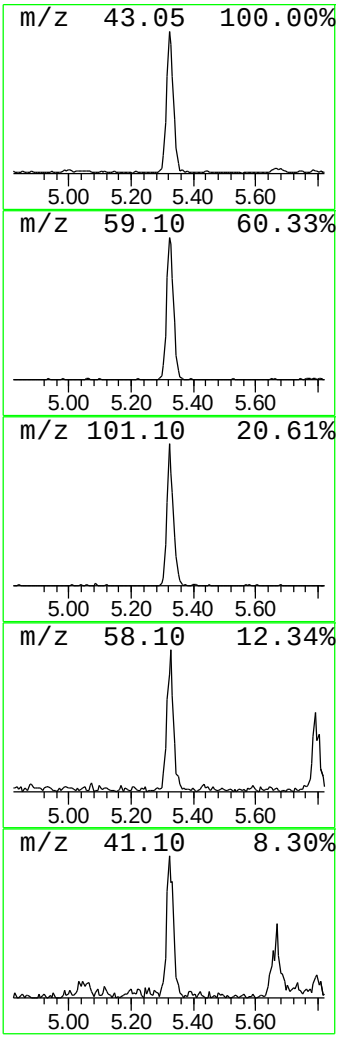
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	17.44 ng	648023	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	Guanidine	59	CH5N3	000113-00-8	9
4	1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024735.D
Acq On : 7 Nov 2016 19:07
Operator : UM/SJ
Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

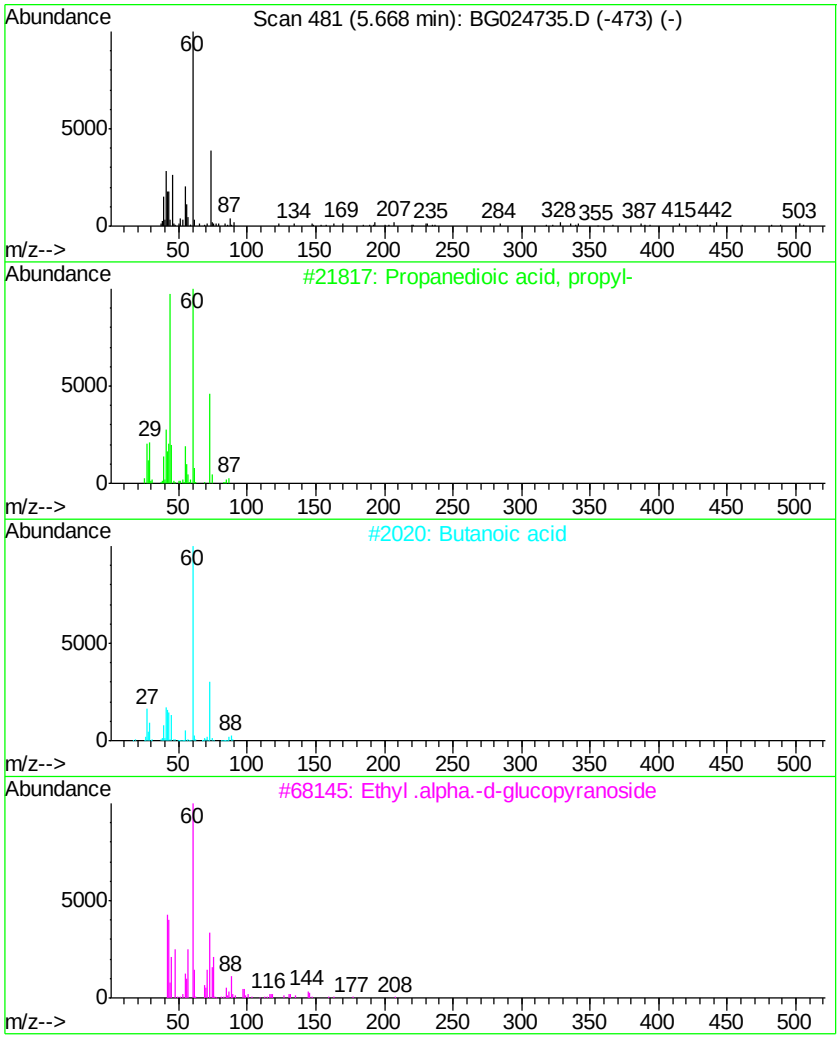
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

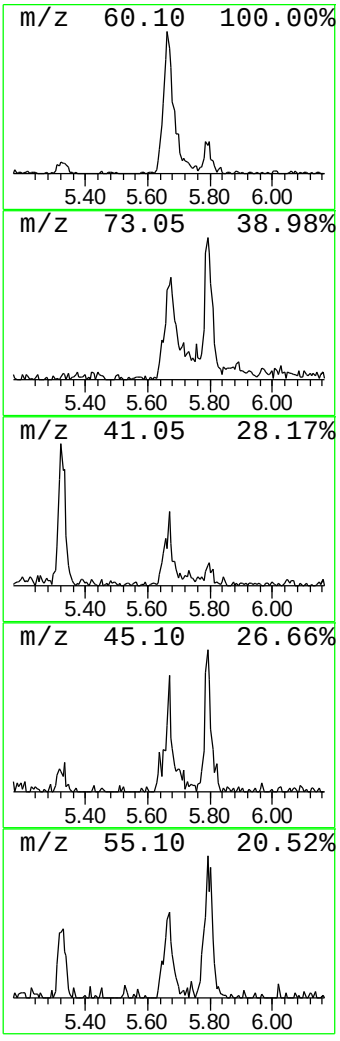
****

Peak Number 4 unknown5.67 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	6.61 ng	245403	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	45
2	Butanoic acid	88	C4H8O2	000107-92-6	45
3	Ethyl .alpha.-d-glucopyranoside	208	C8H16O6	1000127-29-4	40
4	Hexanoic acid	116	C6H12O2	000142-62-1	40
5	Pentanoic acid	102	C5H10O2	000109-52-4	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024735.D
Acq On : 7 Nov 2016 19:07
Operator : UM/SJ
Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

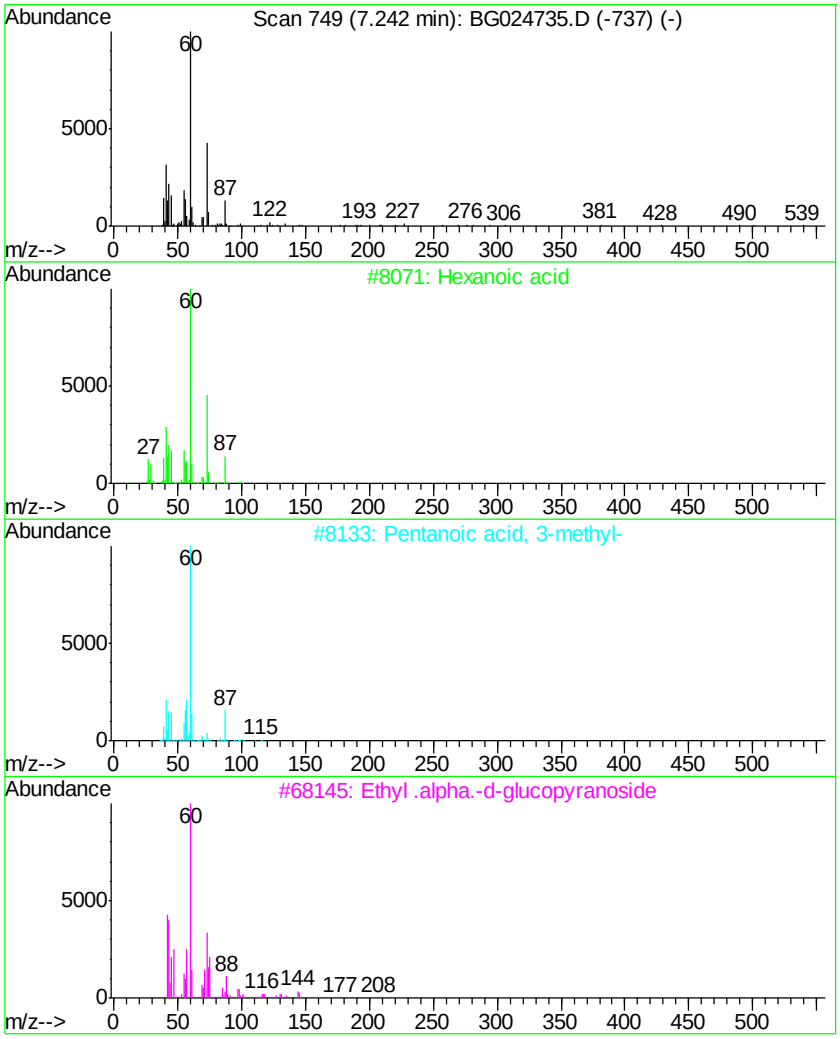
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

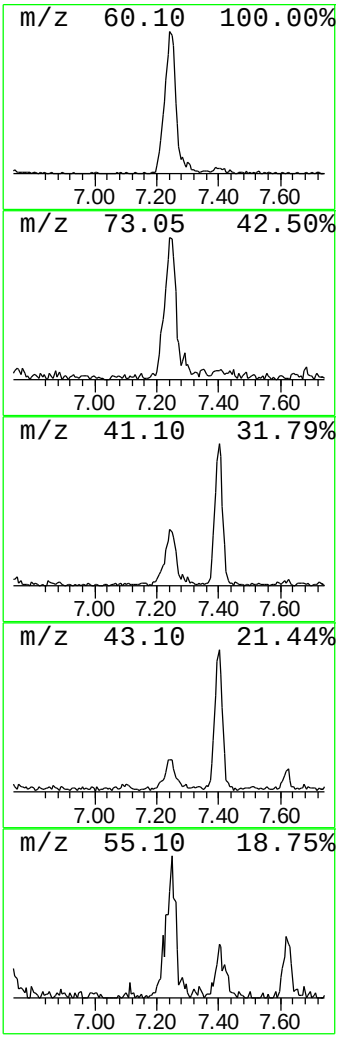
****

Peak Number 5 Hexanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	11.03 ng	409936	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	86
2	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	72
3	Ethyl .alpha.-d-glucopyranoside	208	C8H16O6	1000127-29-4	64
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64
5	Pentanoic acid	102	C5H10O2	000109-52-4	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024735.D
Acq On : 7 Nov 2016 19:07
Operator : UM/SJ
Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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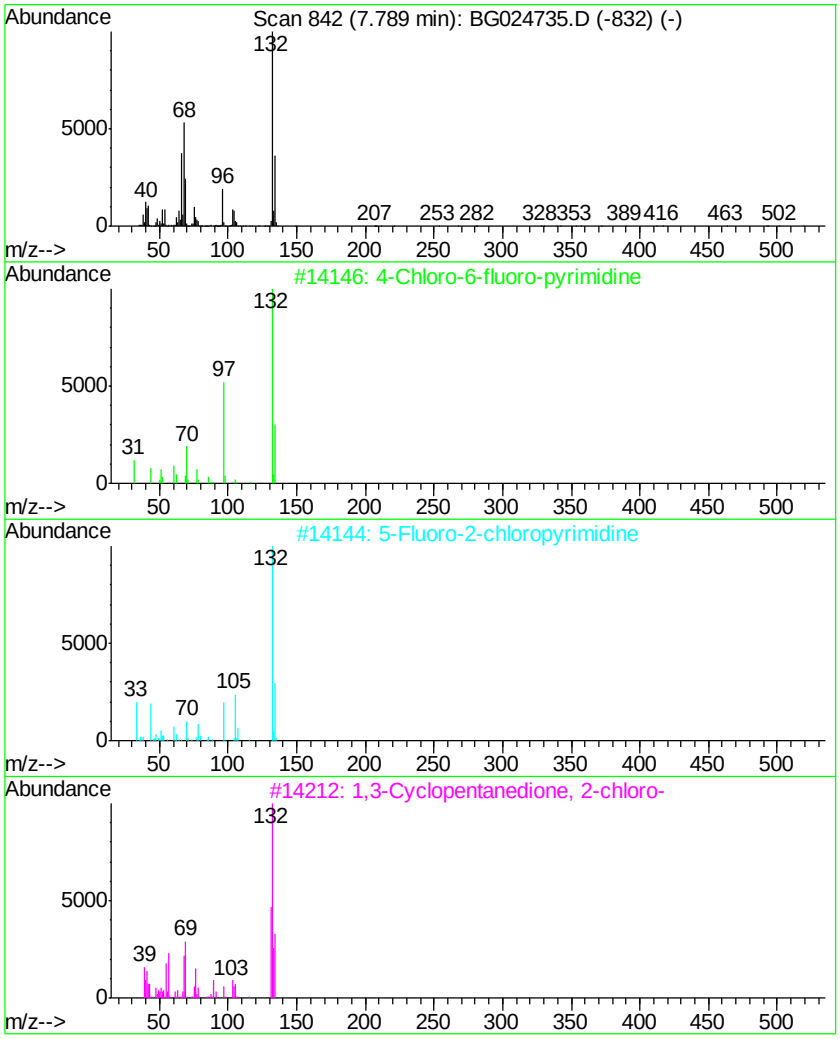
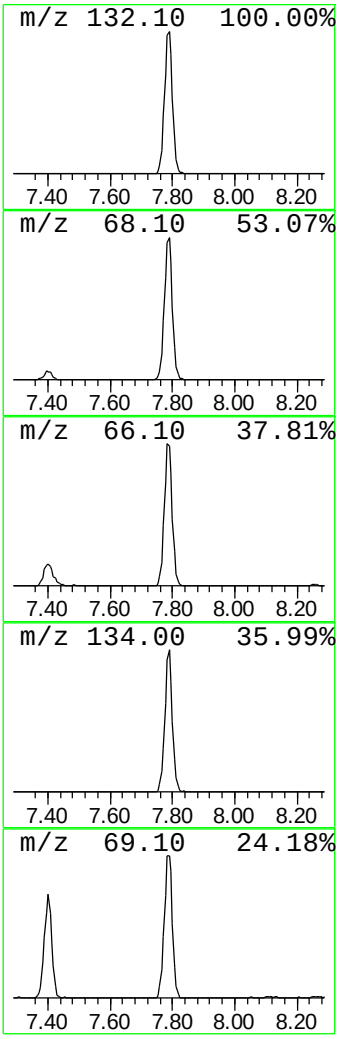
Peak Number 6 unknown7.79 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	92.49 ng	3436110	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14





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Acq On : 7 Nov 2016 19:07
Operator : UM/SJ
Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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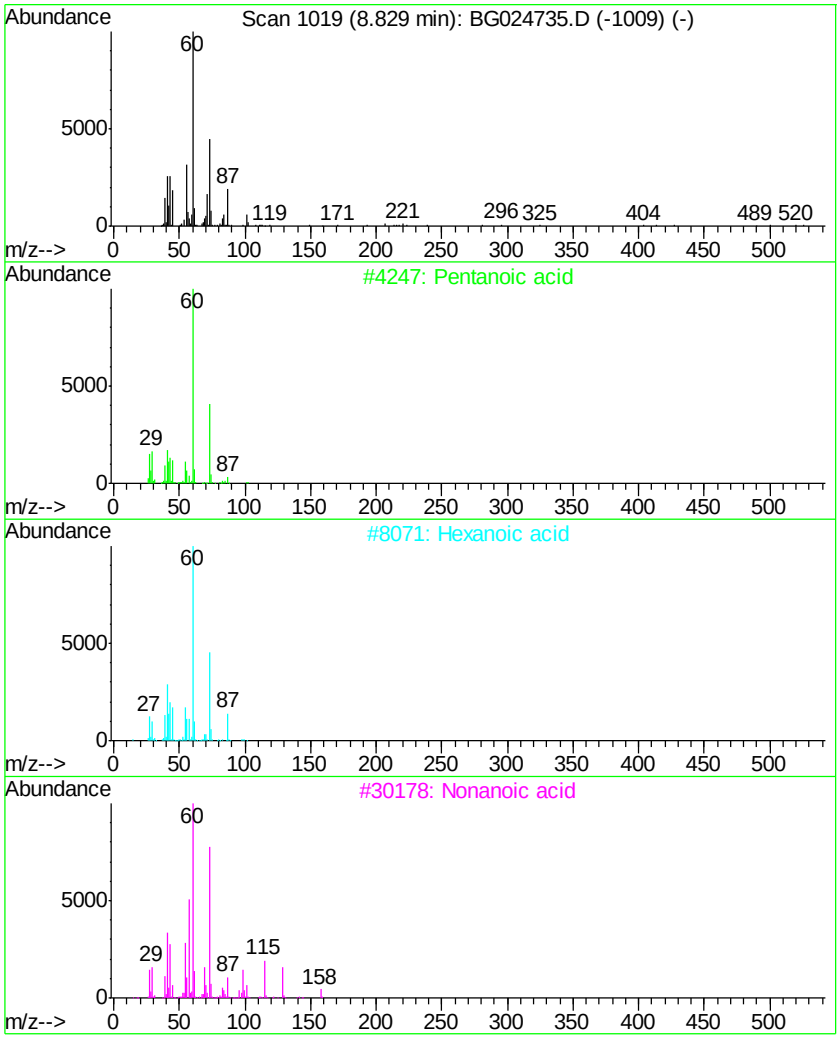
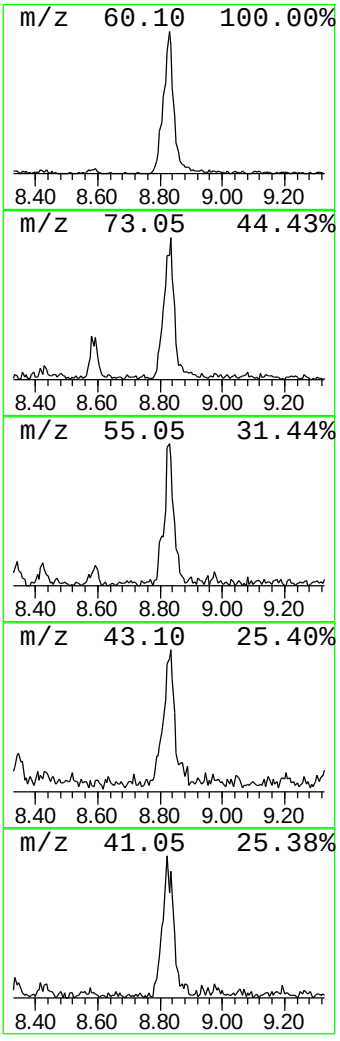
Peak Number 8 Pentanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	13.51 ng	501943	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	72
2	Hexanoic acid	116	C6H12O2	000142-62-1	72
3	Nonanoic acid	158	C9H18O2	000112-05-0	64
4	Heptanoic acid	130	C7H14O2	000111-14-8	64
5	Rhamnose	164	C6H12O5	003615-41-6	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024735.D
Acq On : 7 Nov 2016 19:07
Operator : UM/SJ
Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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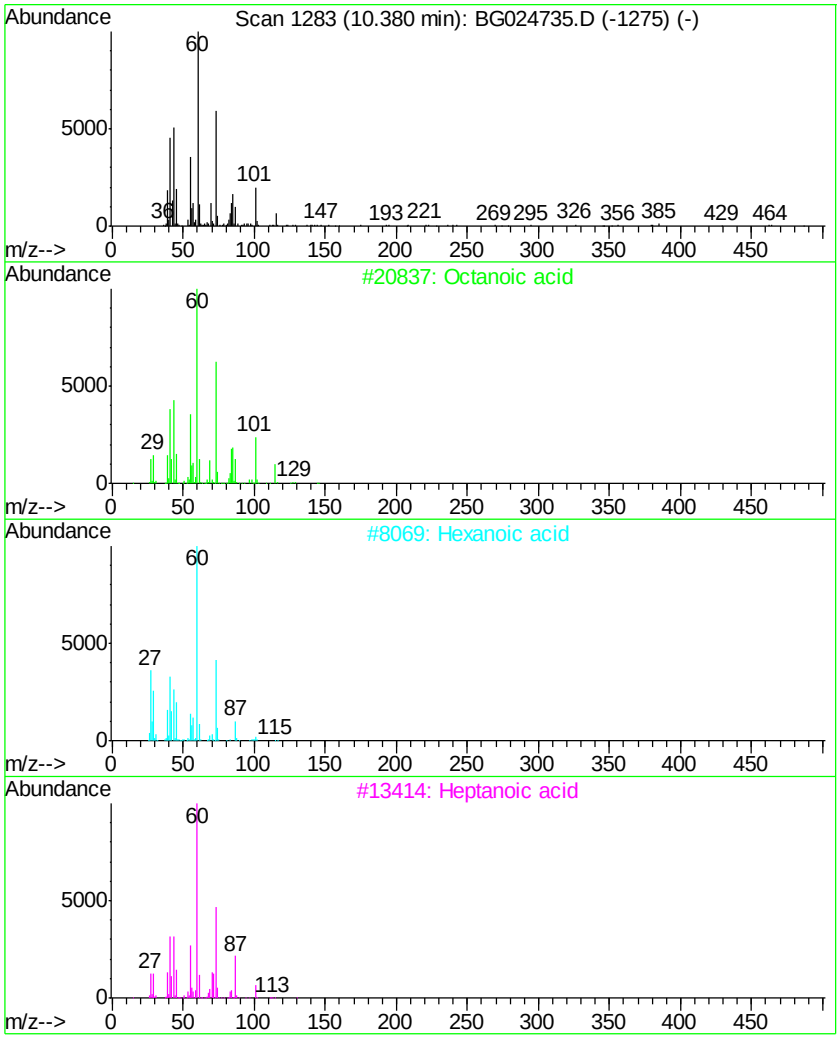
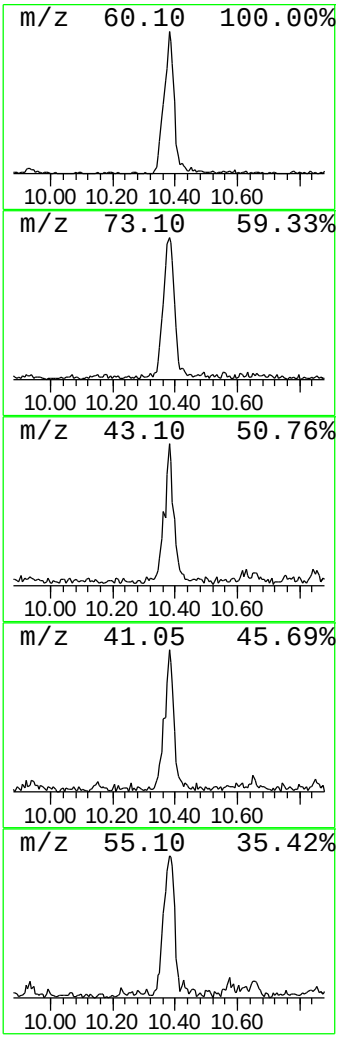
Peak Number 9 Octanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	16.69 ng	746950	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	86
2	Hexanoic acid	116	C6H12O2	000142-62-1	64
3	Heptanoic acid	130	C7H14O2	000111-14-8	59
4	Pentanoic acid	102	C5H10O2	000109-52-4	50
5	3-Methyl-hexanoic acid	130	C7H14O2	1000365-65-4	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024735.D
Acq On : 7 Nov 2016 19:07
Operator : UM/SJ
Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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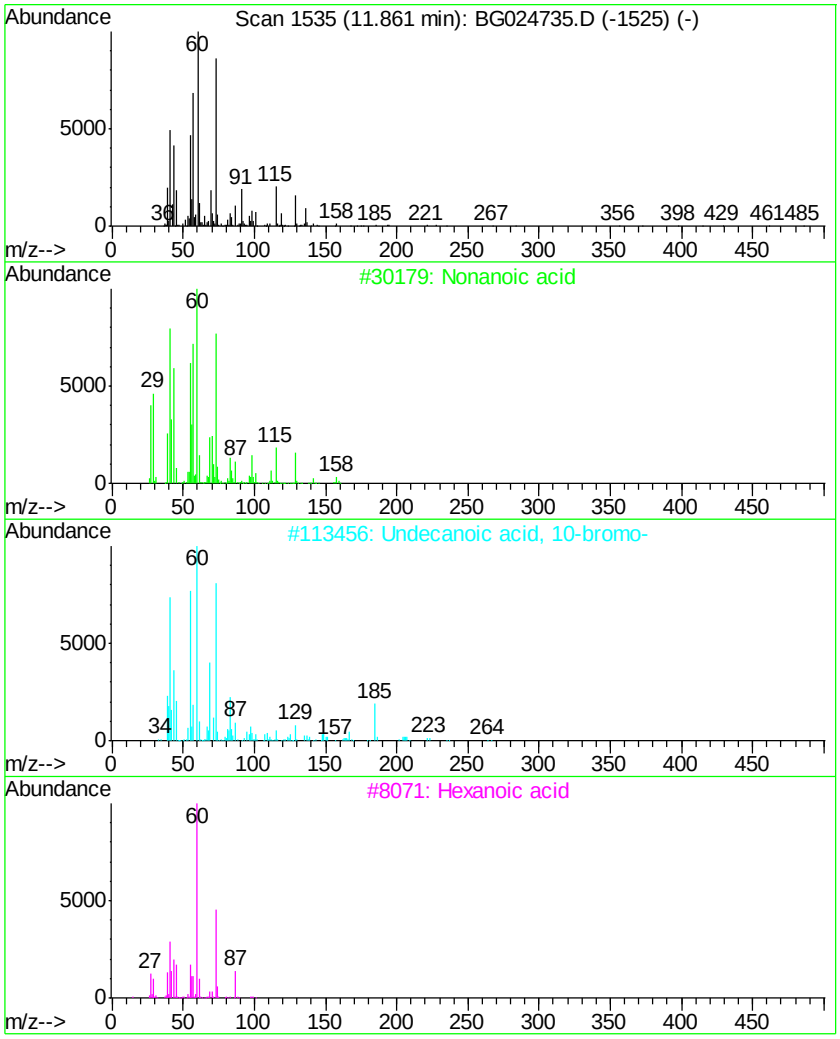
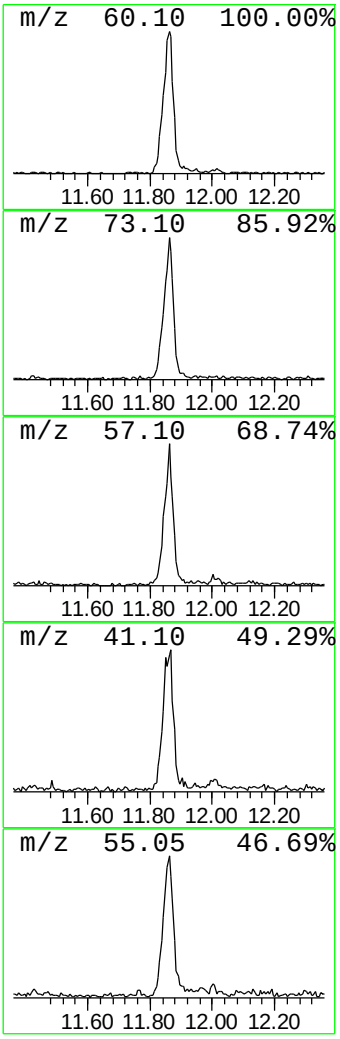
Peak Number 10 Nonanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	25.32 ng	1133070	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	64
2	Undecanoic acid, 10-bromo-	264	C11H21BrO2	018294-93-4	59
3	Hexanoic acid	116	C6H12O2	000142-62-1	53
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Octanoic acid	144	C8H16O2	000124-07-2	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024735.D
Acq On : 7 Nov 2016 19:07
Operator : UM/SJ
Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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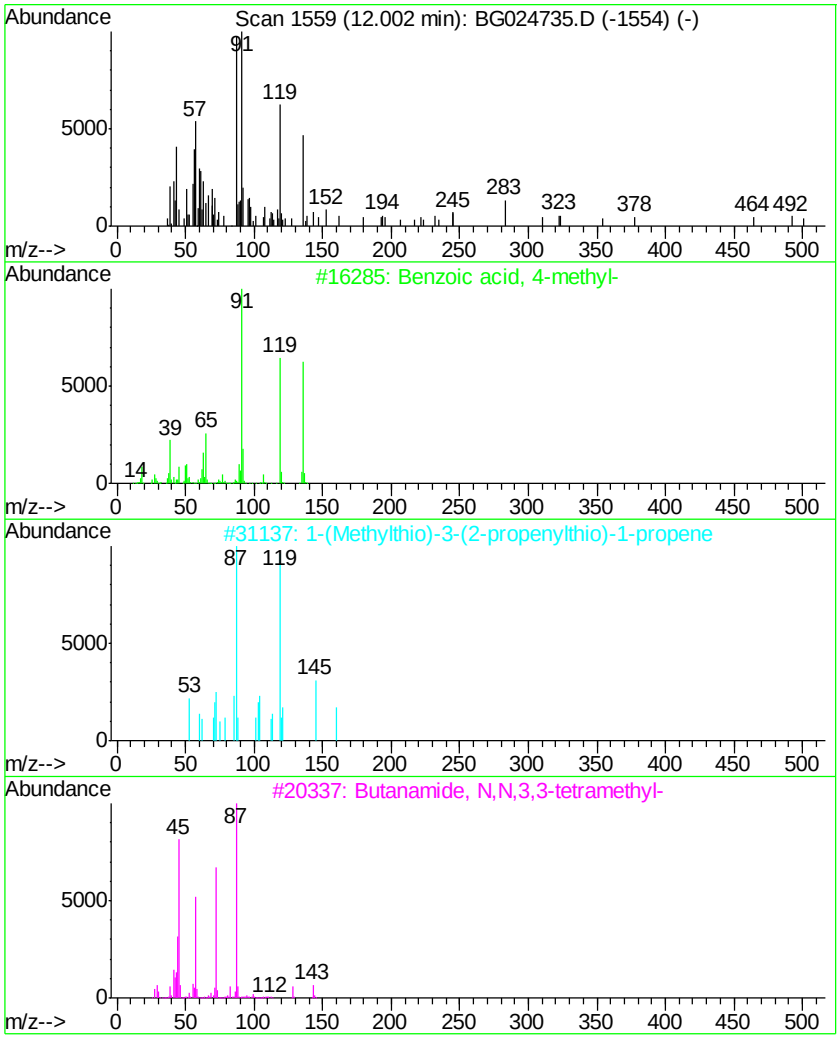
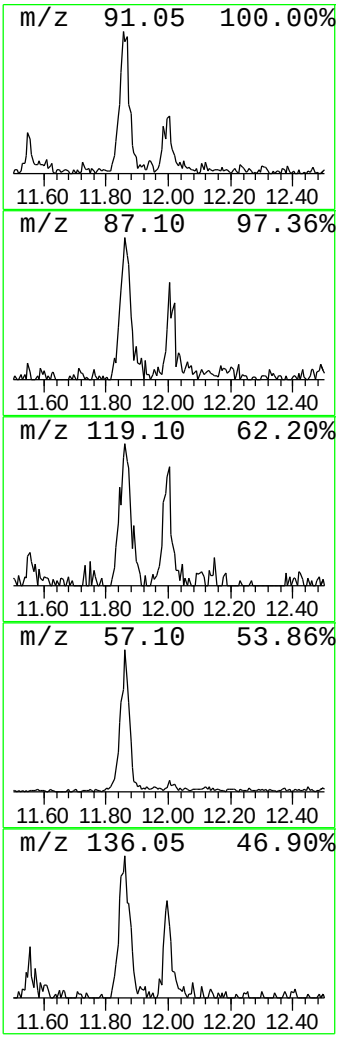
Peak Number 11 unknown12.00 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.26 ng	101121	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	38
2	1-(Methylthio)-3-(2-propenylthio...	160	C7H12S2	1000111-71-8	32
3	Butanamide, N,N,3,3-tetramethyl-	143	C8H17NO	026153-90-2	22
4	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	22
5	o-Toluic acid, 2-butyl ester	192	C12H16O2	006297-50-3	12





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Data File : BG024735.D
Acq On : 7 Nov 2016 19:07
Operator : UM/SJ
Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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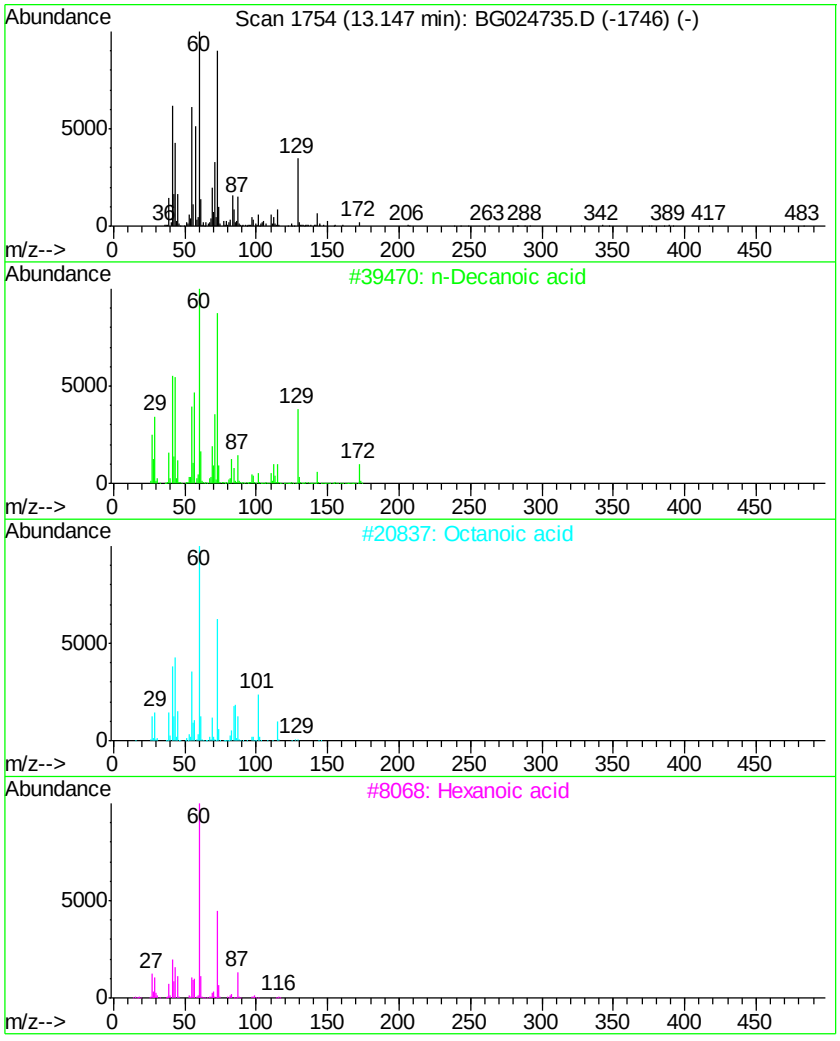
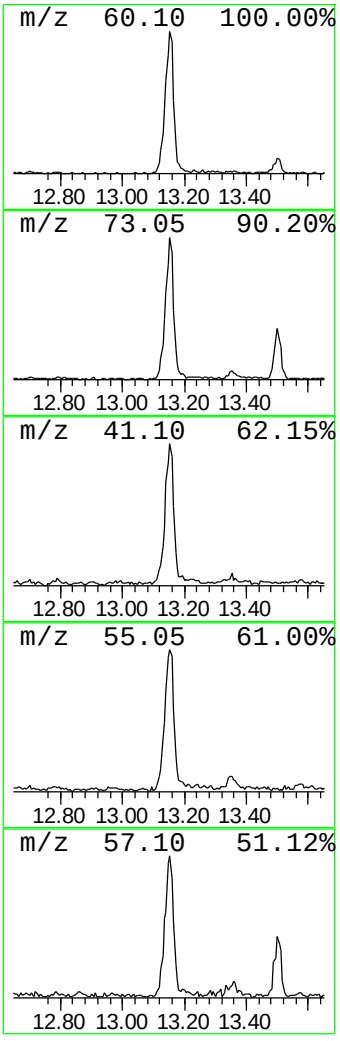
Peak Number 12 n-Decanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	21.45 ng	1409330	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	74
2	Octanoic acid	144	C8H16O2	000124-07-2	70
3	Hexanoic acid	116	C6H12O2	000142-62-1	53
4	Pentanoic acid	102	C5H10O2	000109-52-4	46
5	Alpha-l-rhamnopyranose	164	C6H12O5	035810-56-1	45





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Acq On : 7 Nov 2016 19:07
Operator : UM/SJ
Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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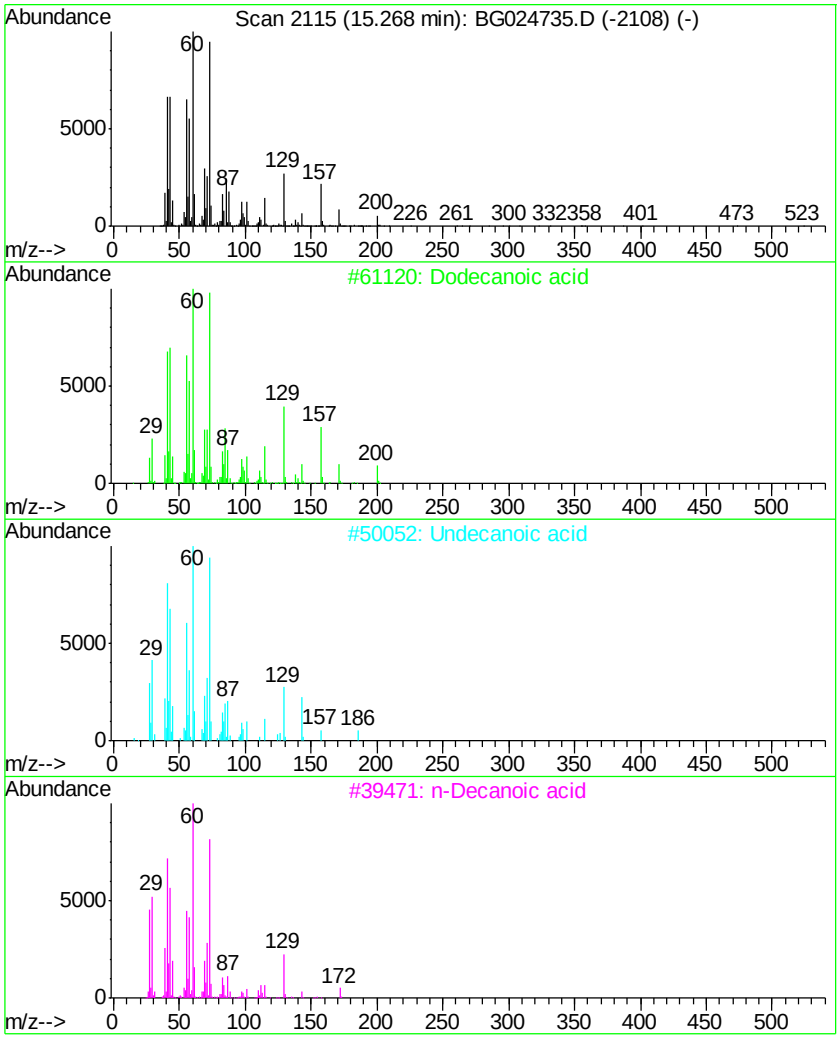
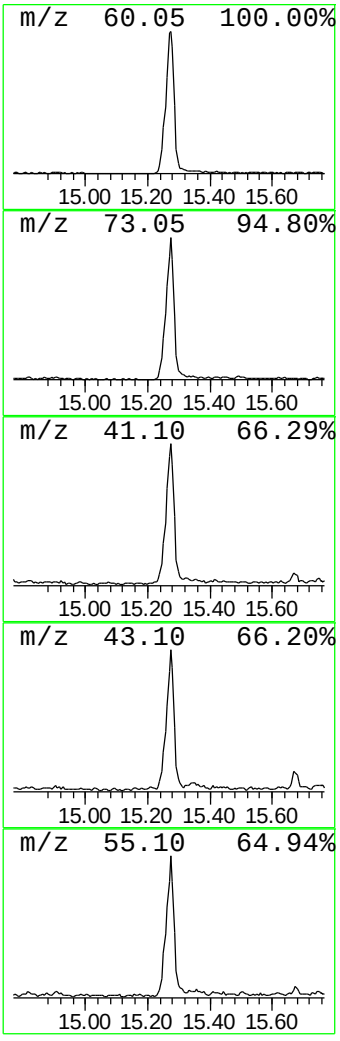
Peak Number 13 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	54.09 ng	3554040	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	97
2	Undecanoic acid	186	C11H22O2	000112-37-8	72
3	n-Decanoic acid	172	C10H20O2	000334-48-5	68
4	Nonanoic acid	158	C9H18O2	000112-05-0	49
5	Maltose	342	C12H22O11	000069-79-4	35





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ClientSampleId : GW-108-9.5-23.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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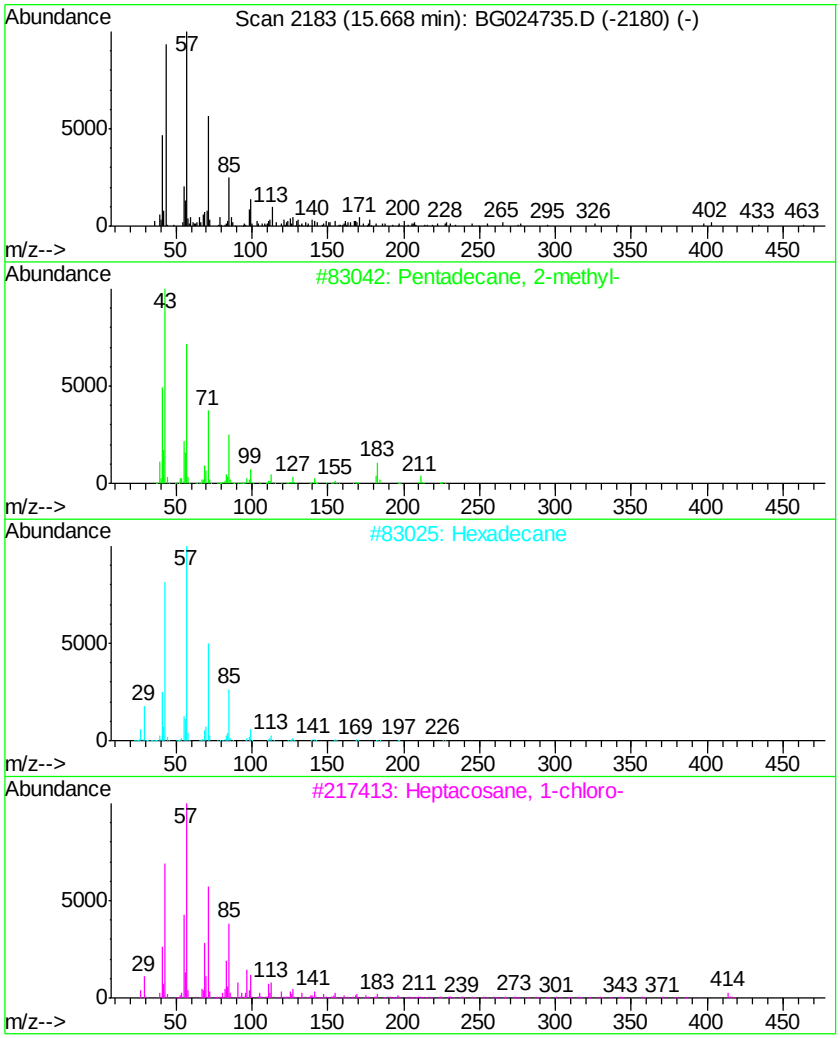
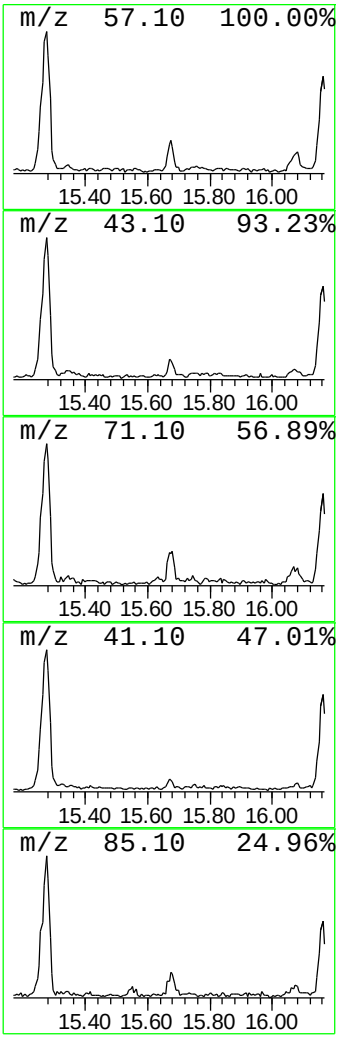
Peak Number 14 Pentadecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.88 ng	189094	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	87
2	Hexadecane	226	C16H34	000544-76-3	83
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80
4	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	80





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Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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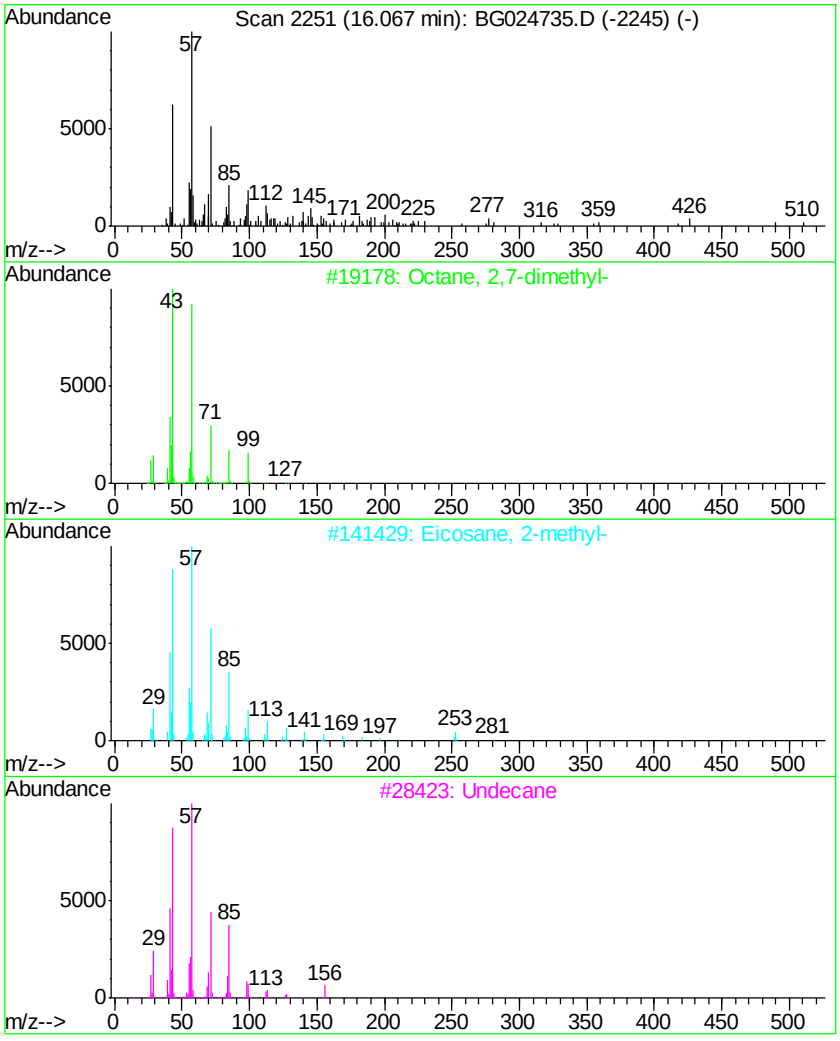
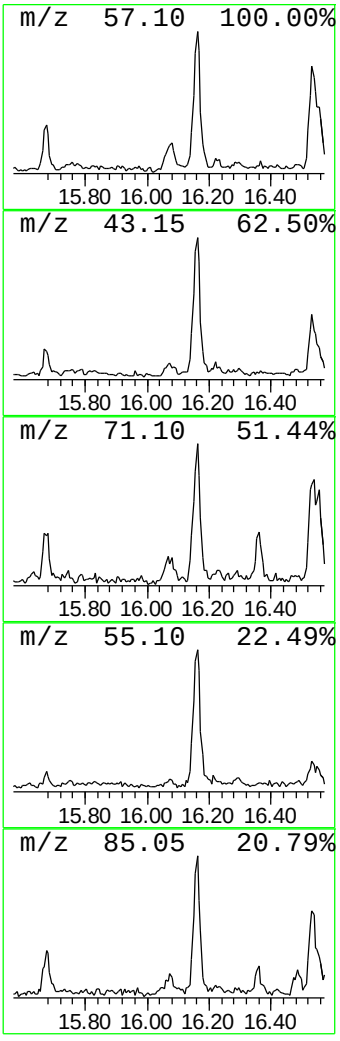
Peak Number 15 unknown16.07 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	2.38 ng	156325	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	38
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	38
3	Undecane	156	C11H24	001120-21-4	38
4	Tetradecane	198	C14H30	000629-59-4	30
5	2,4:3,5-Diethylidene-l-xylose	202	C9H14O5	1000126-95-9	22





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Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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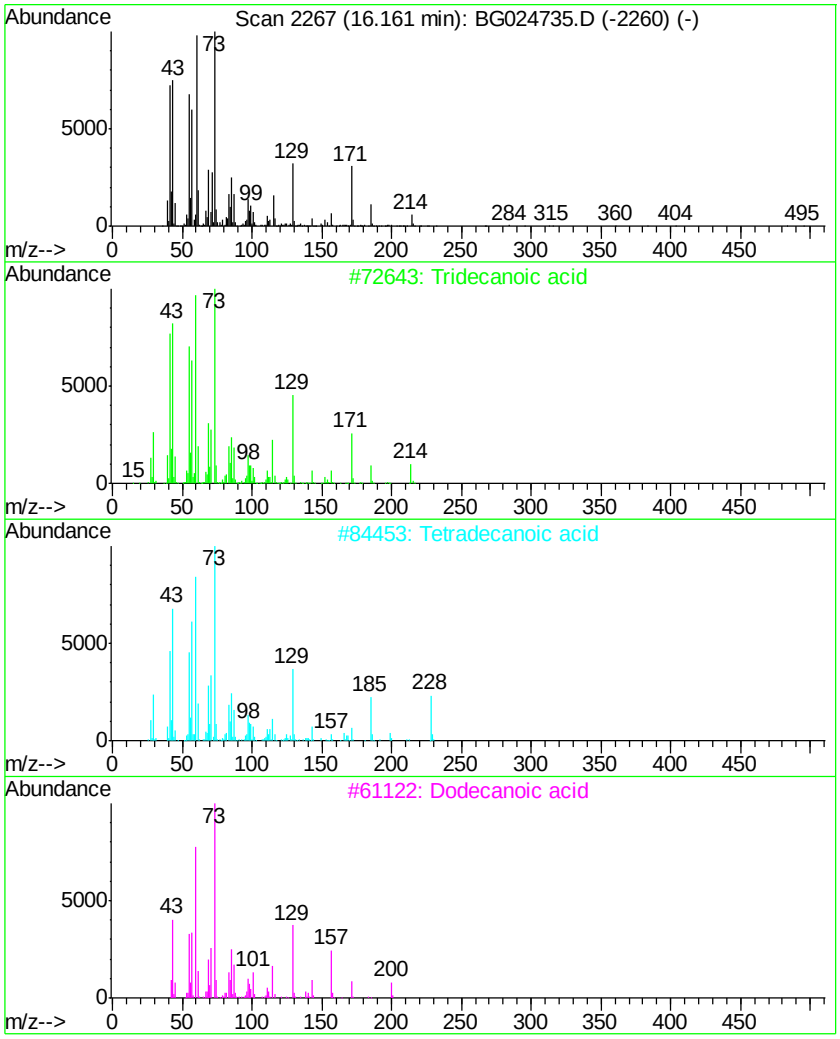
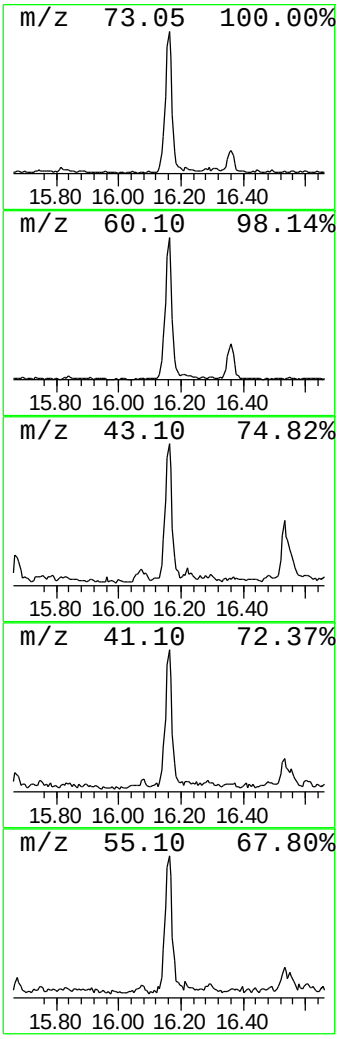
Peak Number 16 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	29.97 ng	1969540	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	91
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Dodecanoic acid	200	C12H24O2	000143-07-7	72
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId : GW-108-9.5-23.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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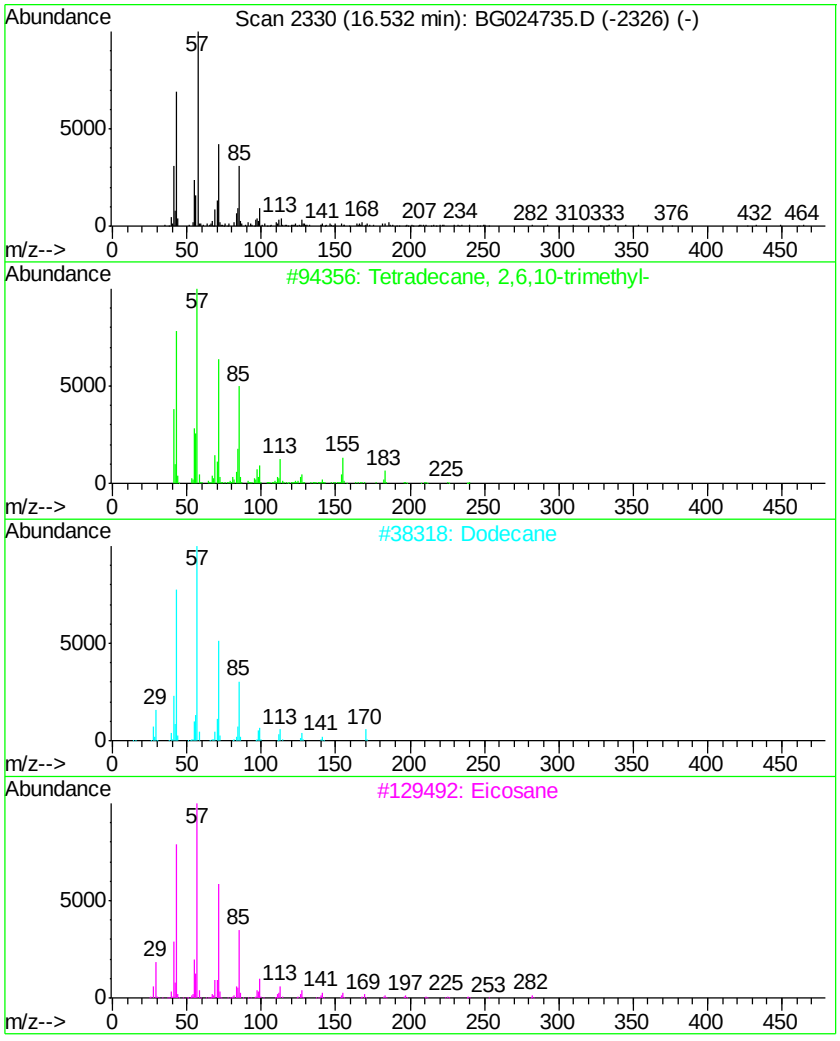
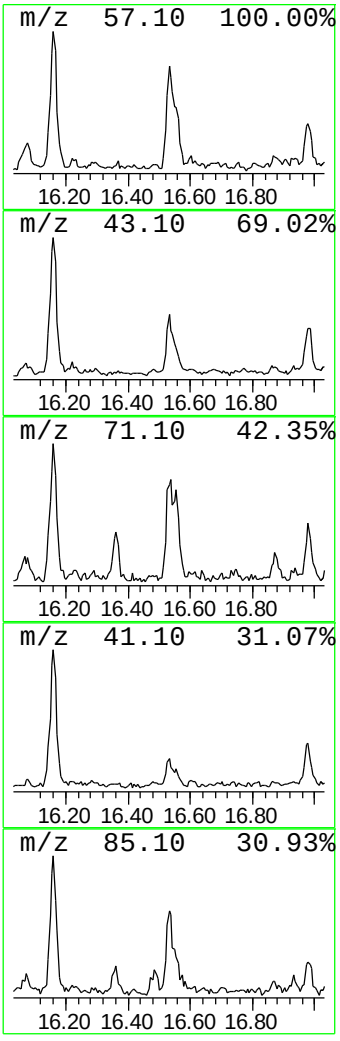
Peak Number 17 Tetradecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	4.56 ng	383769	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	89
2	Dodecane	170	C12H26	000112-40-3	87
3	Eicosane	282	C20H42	000112-95-8	72
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
5	Decane, 4-ethyl-	170	C12H26	001636-44-8	64





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Acq On : 7 Nov 2016 19:07
Operator : UM/SJ
Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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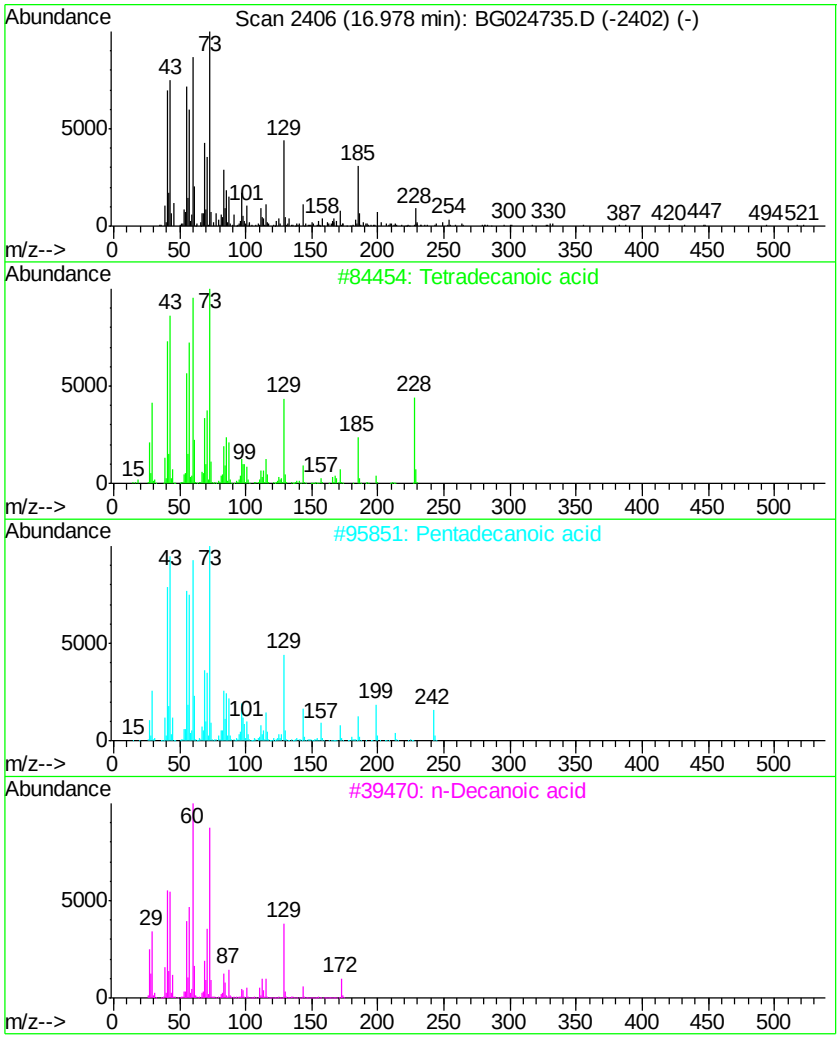
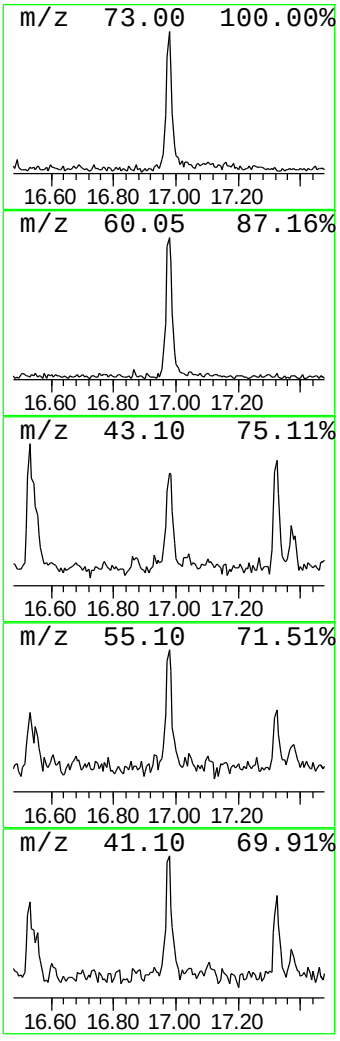
Peak Number 18 Tetradecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	6.39 ng	538009	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





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Data File : BG024735.D
Acq On : 7 Nov 2016 19:07
Operator : UM/SJ
Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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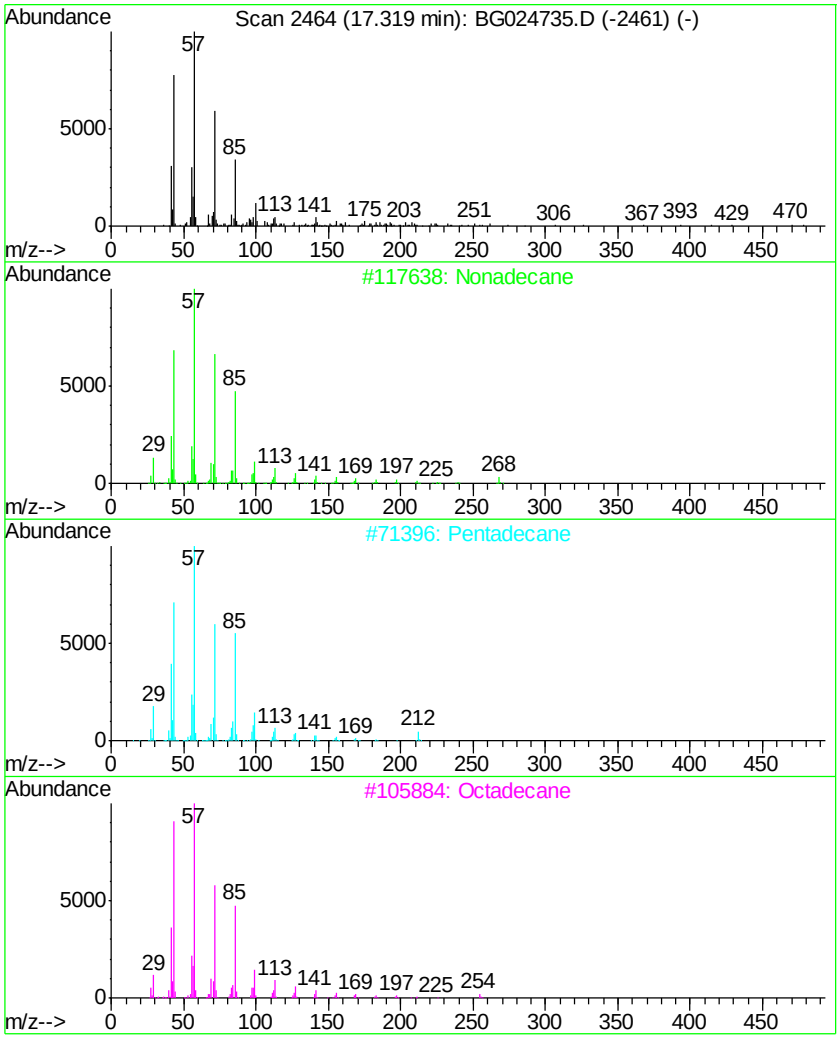
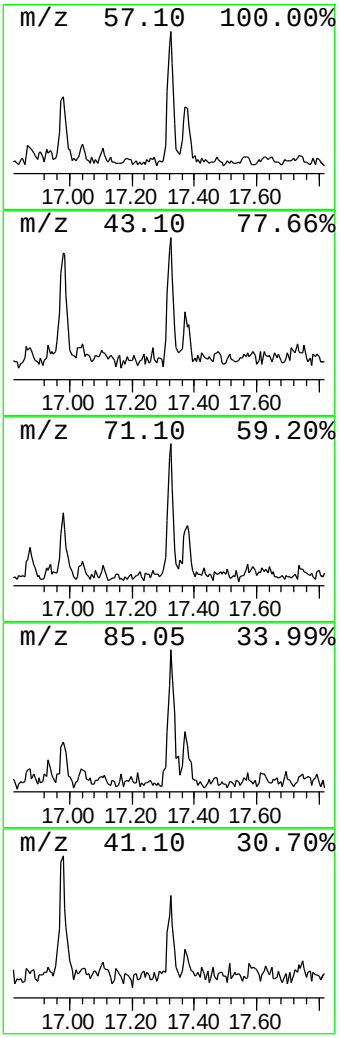
Peak Number 19 Nonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	3.91 ng	329017	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Pentadecane	212	C15H32	000629-62-9	81
3	Octadecane	254	C18H38	000593-45-3	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	60





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Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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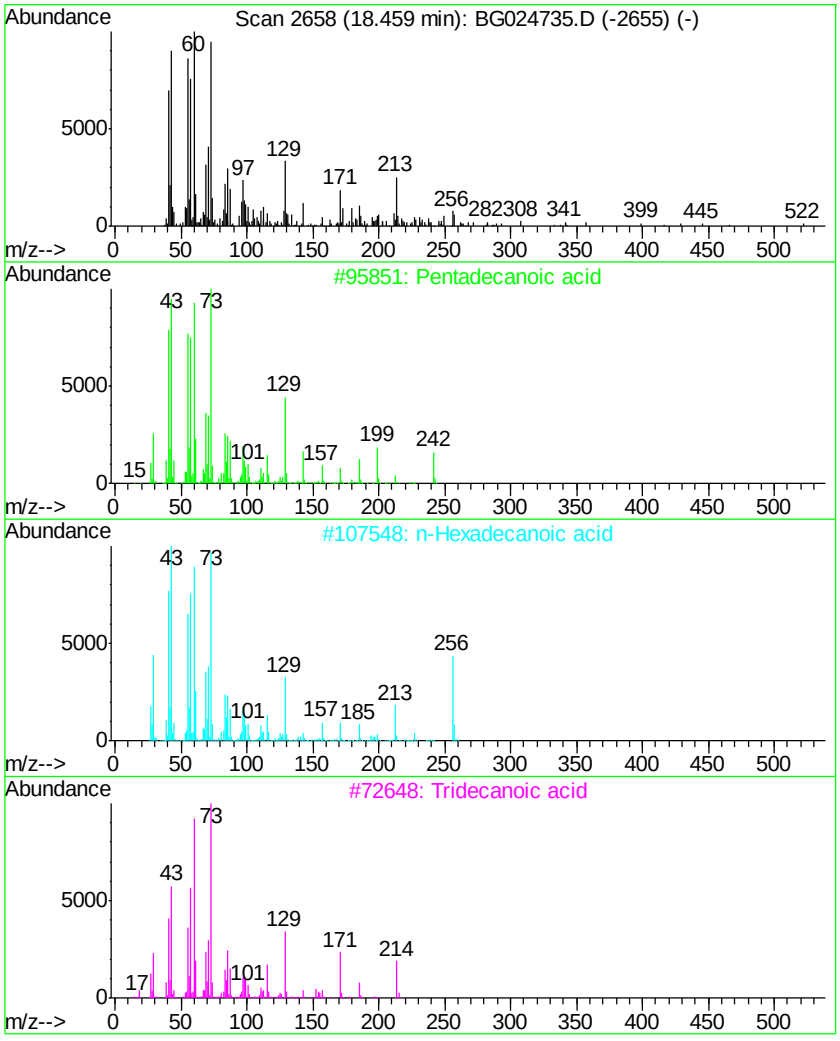
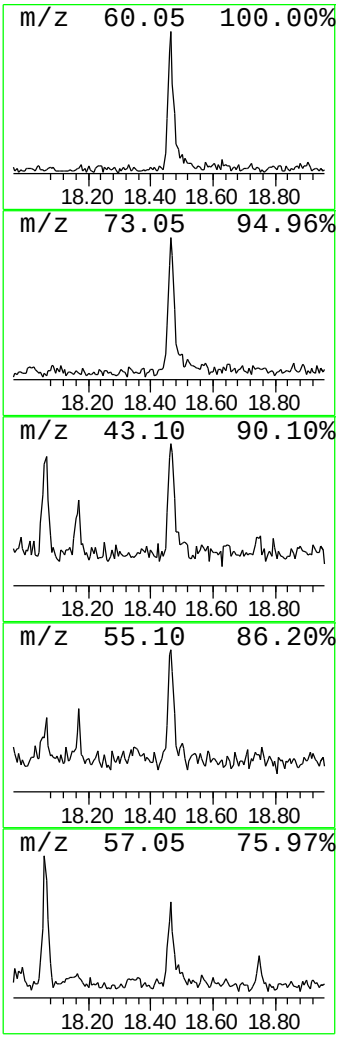
Peak Number 20 Pentadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	4.80 ng	403580	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110716\
Data File : BG024735.D
Acq On : 7 Nov 2016 19:07
Operator : UM/SJ
Sample : H5544-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-108-9.5-23.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dichloroacetaldehyde	4.08	2.5	ng	93437	1	8.26	743005	20.0
2-Pentanone, 4-hy...	5.32	17.4	ng	648023	1	8.26	743005	20.0
unknown5.67	5.67	6.6	ng	245403	1	8.26	743005	20.0
Hexanoic acid	7.24	11.0	ng	409936	1	8.26	743005	20.0
unknown7.79	7.79	92.5	ng	3436110	1	8.26	743005	20.0
Pentanoic acid	8.83	13.5	ng	501943	1	8.26	743005	20.0
Octanoic acid	10.38	16.7	ng	746950	2	11.09	894913	20.0
Nonanoic acid	11.86	25.3	ng	1133070	2	11.09	894913	20.0
unknown12.00	12.00	2.3	ng	101121	2	11.09	894913	20.0
n-Decanoic acid	13.15	21.4	ng	1409330	3	14.88	1314170	20.0
Dodecanoic acid	15.27	54.1	ng	3554040	3	14.88	1314170	20.0
Pentadecane, 2-me...	15.67	2.9	ng	189094	3	14.88	1314170	20.0
unknown16.07	16.07	2.4	ng	156325	3	14.88	1314170	20.0
Tridecanoic acid	16.16	30.0	ng	1969540	3	14.88	1314170	20.0
Tetradecane, 2,6,...	16.53	4.6	ng	383769	4	17.62	1683180	20.0
Tetradecanoic acid	16.98	6.4	ng	538009	4	17.62	1683180	20.0
Nonadecane	17.32	3.9	ng	329017	4	17.62	1683180	20.0
Pentadecanoic acid	18.46	4.8	ng	403580	4	17.62	1683180	20.0