LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022631.D
Acq On : 27 Jun 2016 5:24
Operator : UM/SJ
Sample : H3733-05
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

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-BG062516.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	5.708	481	488	498	rBV	1223134	1962297	15.11%	3.300%
2	7.306	752	760	772	rVB	806820	1422983	10.96%	2.393%
3	7.688	818	825	833	rBV	2293242	3923908	30.22%	6.599%
4	8.164	897	906	912	rBV	541080	957212	7.37%	1.610%
5	8.487	953	961	972	rBV	2039442	3541808	27.28%	5.957%
6	9.333	1096	1105	1114	rVB	1835515	3374526	25.99%	5.675%
7	10.984	1377	1386	1393	rBV	786367	1418020	10.92%	2.385%
8	13.423	1793	1801	1807	rBV	4713146	7569119	58.29%	12.730%
9	13.781	1857	1862	1871	rVB3	82223	152483	1.17%	0.256%
10	14.298	1945	1950	1958	rVB5	99270	198996	1.53%	0.335%
11	14.557	1989	1994	2004	rBV10	87702	162005	1.25%	0.272%
12	14.797	2027	2035	2044	rBV3	1229833	2101417	16.18%	3.534%
13	15.702	2185	2189	2194	rVB2	98702	157808	1.22%	0.265%
14	16.290	2282	2289	2297	rBV	5146861	7858733	60.52%	13.217%
15	17.559	2498	2505	2513	rVB	1753399	2778767	21.40%	4.673%
16	18.429	2649	2653	2662	rBV2	321003	457643	3.52%	0.770%
17	19.692	2864	2868	2877	rBV	332302	489863	3.77%	0.824%
18	19.839	2890	2893	2898	rVB	520327	647235	4.98%	1.089%
19	19.956	2910	2913	2919	rVB6	109917	136403	1.05%	0.229%
20	20.162	2941	2948	2955	rBV	9361581	12985282	100.00%	21.838%
21	20.879	3067	3070	3074	rVB2	359612	398033	3.07%	0.669%
22	21.854	3229	3236	3243	rVB	1996649	3441227	26.50%	5.787%
23	25.215	3798	3808	3822	rVB2	1106093	3325193	25.61%	5.592%

Sum of corrected areas: 59460961

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Misc :
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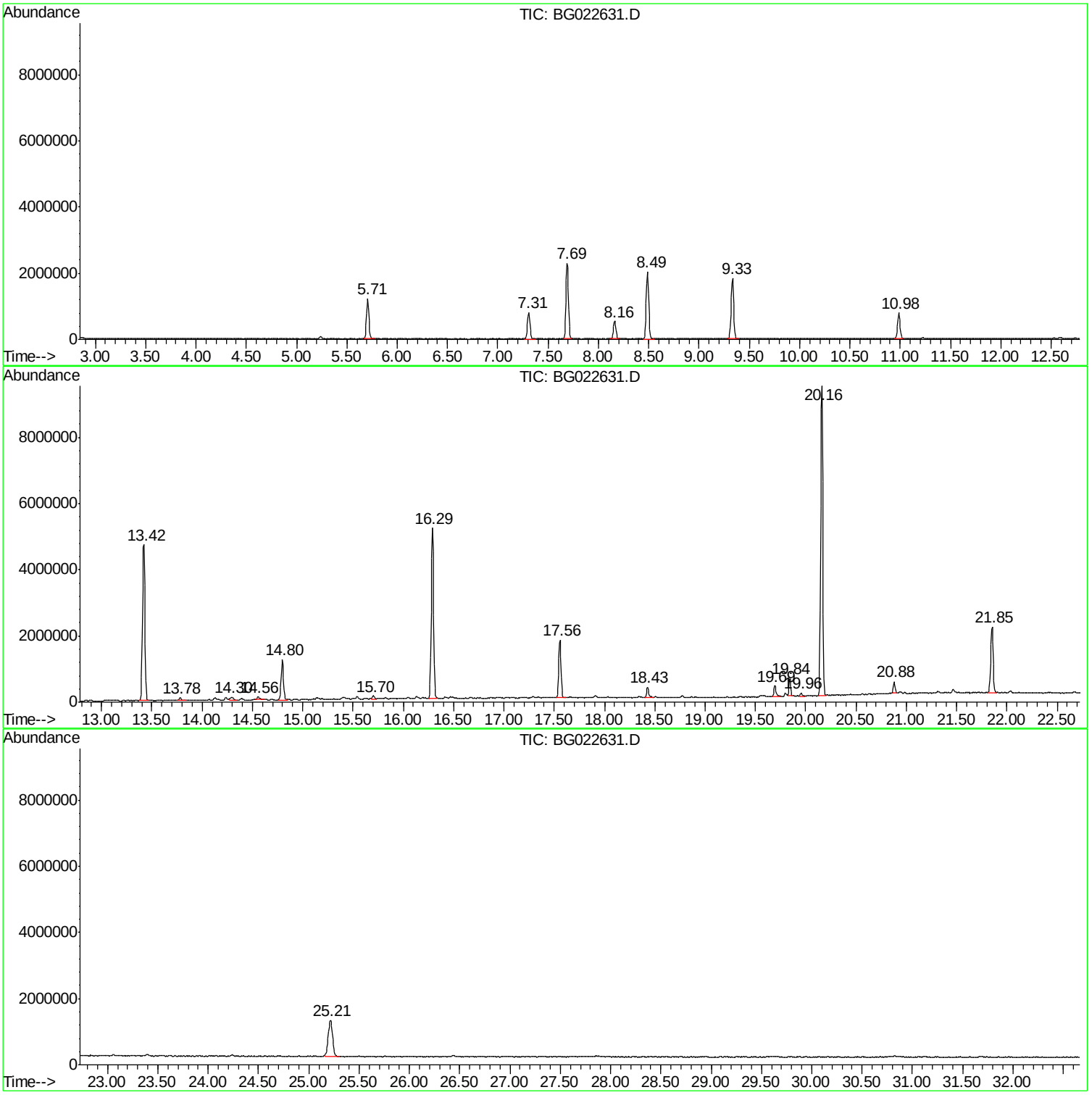
Instrument :
BNA_G
ClientSampleId :
MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022631.D
Acq On : 27 Jun 2016 5:24
Operator : UM/SJ
Sample : H3733-05
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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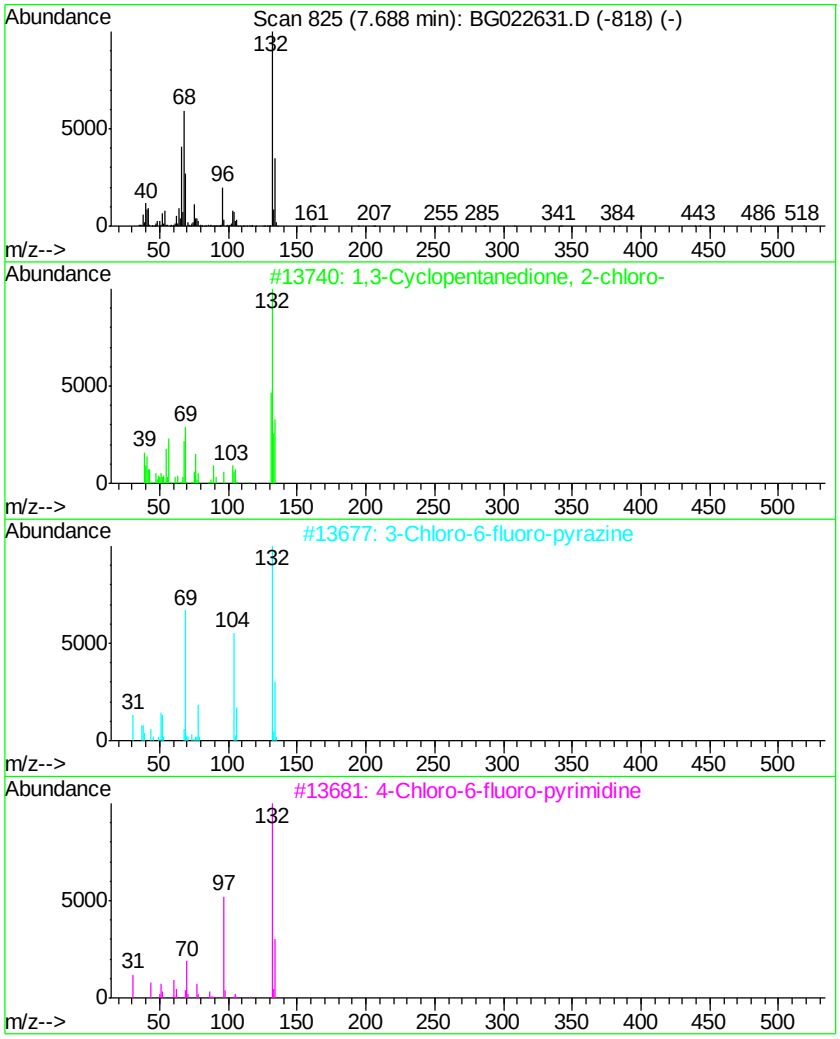
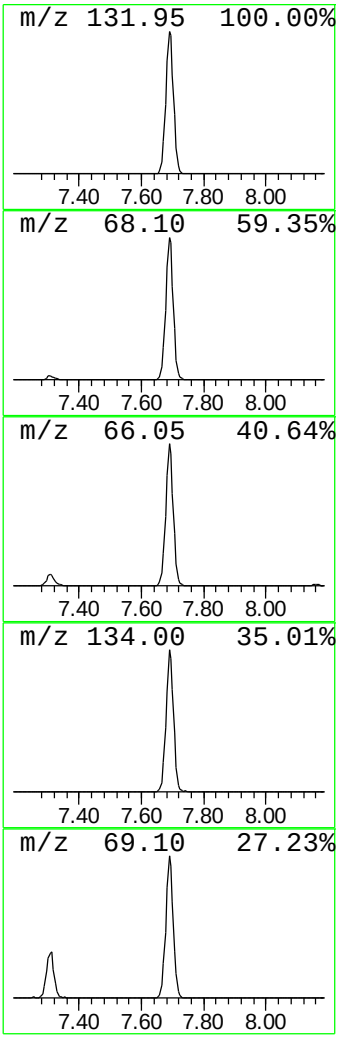
Peak Number 1 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	81.99 ng	3923910	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	18
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	10





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Sample : H3733-05
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ALS Vial : 83 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
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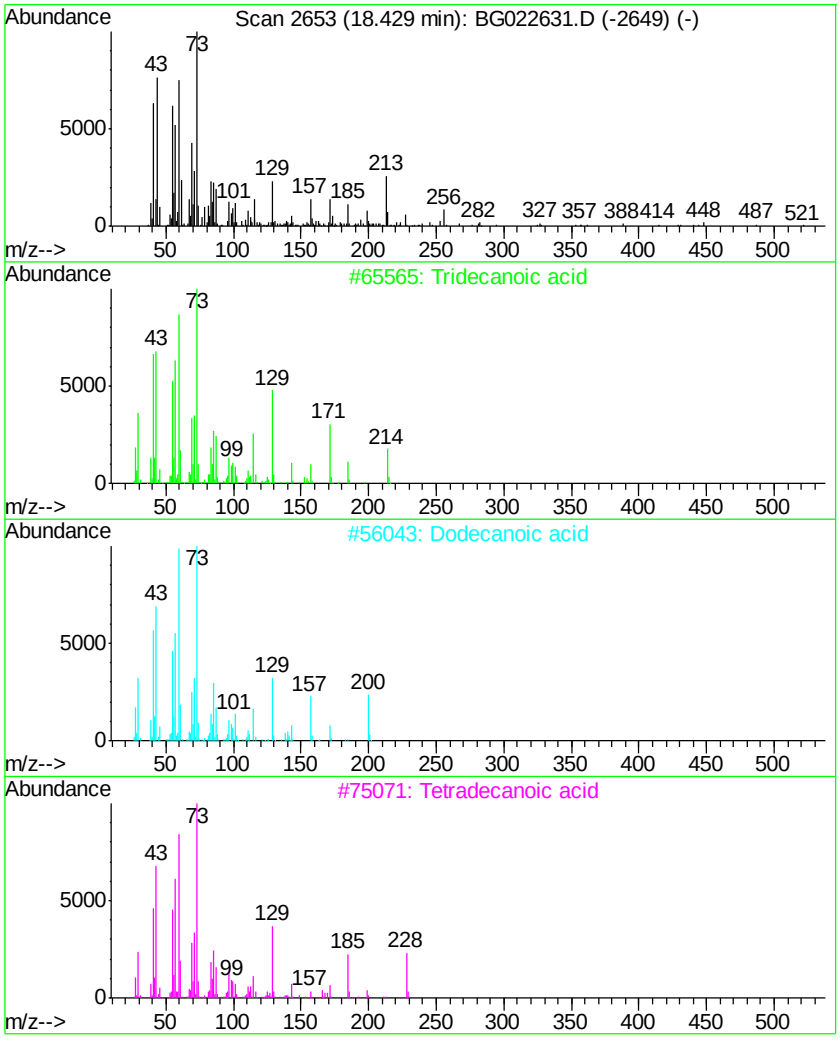
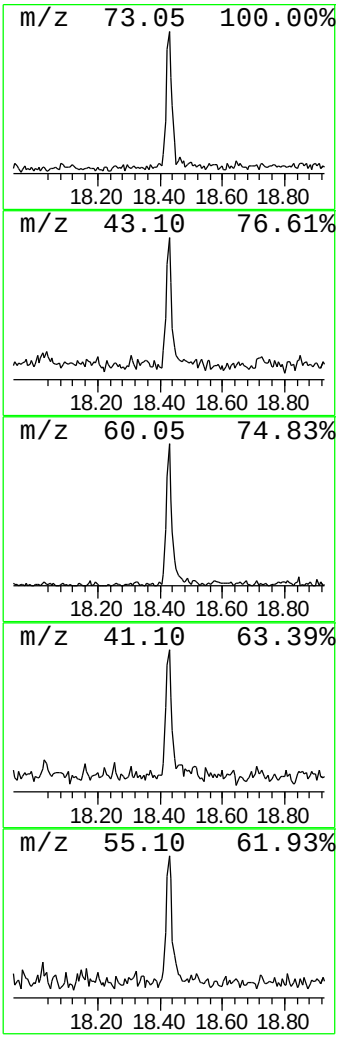
Peak Number 3 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.29 ng	457643	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	Dodecanoic acid	200	C12H24O2	000143-07-7	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022631.D
Acq On : 27 Jun 2016 5:24
Operator : UM/SJ
Sample : H3733-05
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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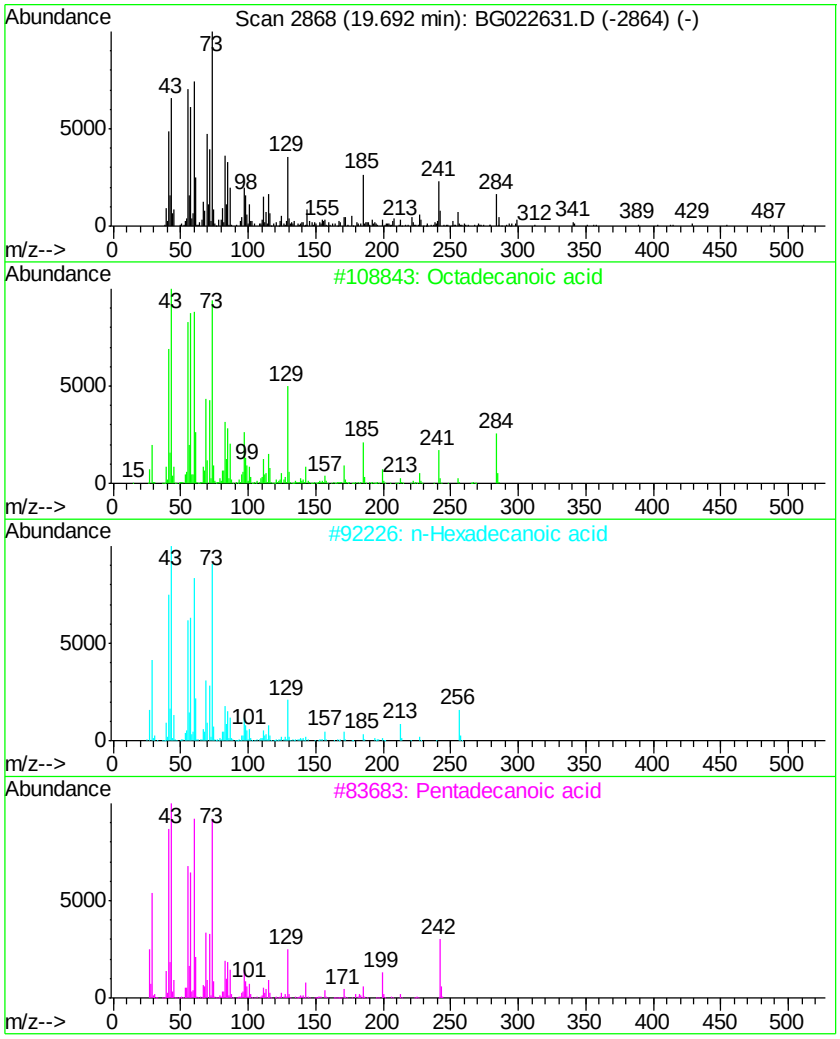
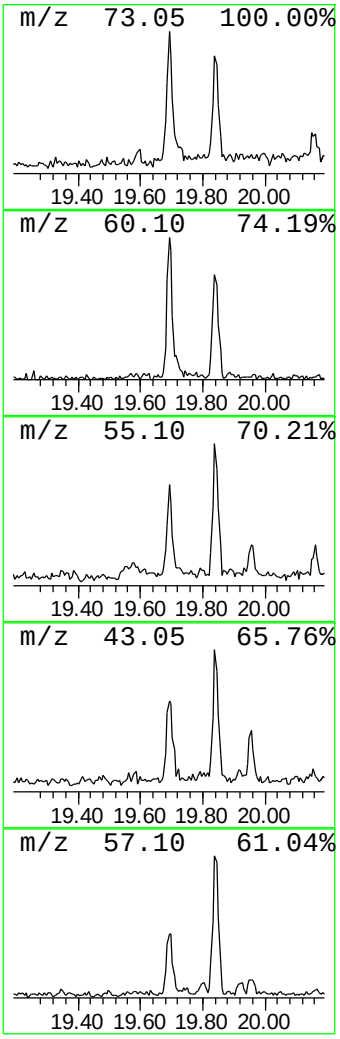
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	3.53 ng	489863	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





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Data File : BG022631.D
Acq On : 27 Jun 2016 5:24
Operator : UM/SJ
Sample : H3733-05
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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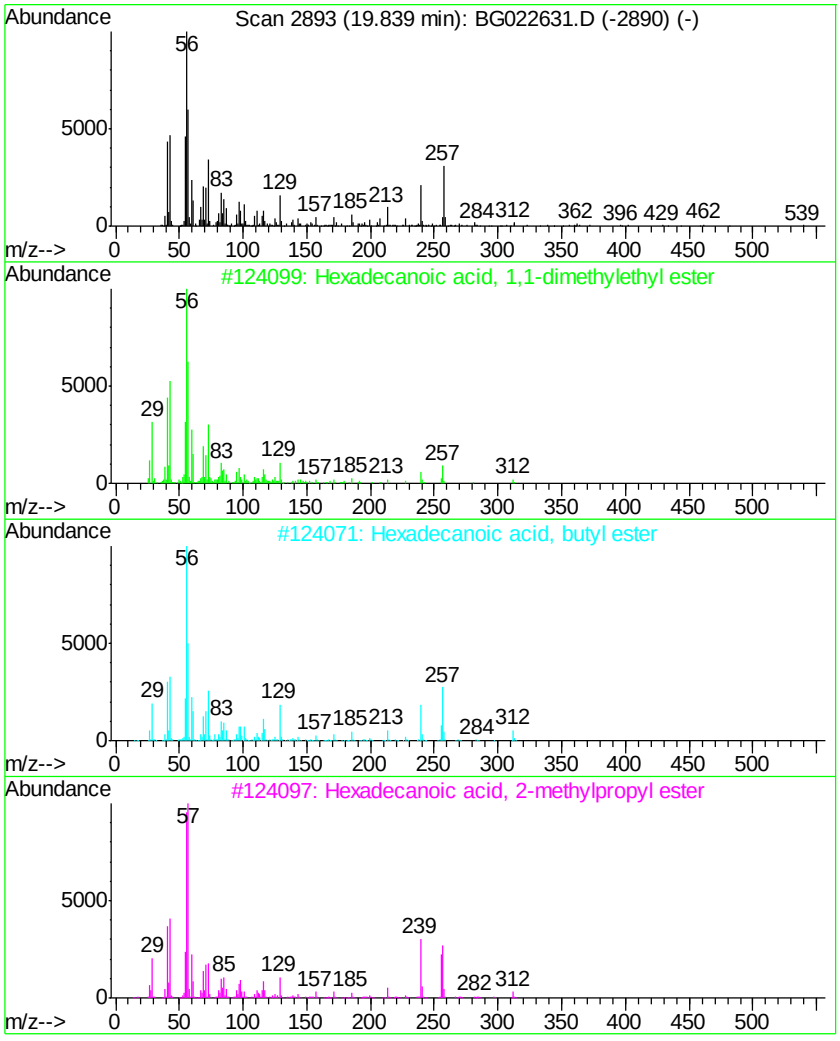
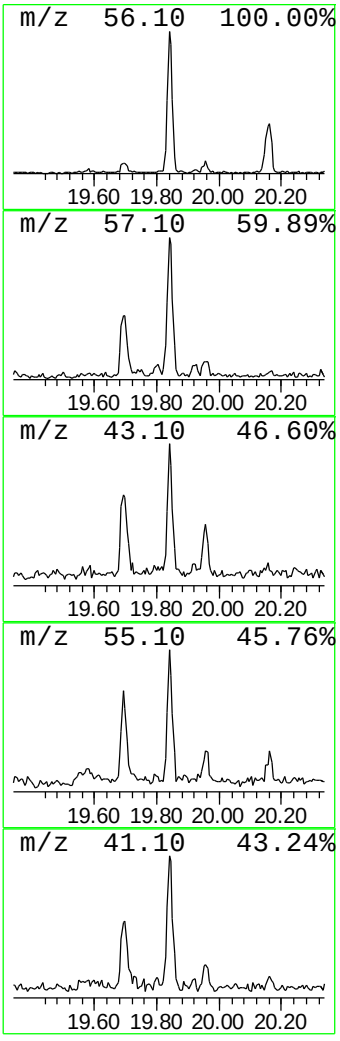
Peak Number 5 Hexadecanoic acid, 1,1-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	3.76 ng	647235	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	78
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	35
4	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	27
5	Cyclohexaneacetic acid, butyl ester	198	C12H22O2	027948-12-5	27





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Operator : UM/SJ
Sample : H3733-05
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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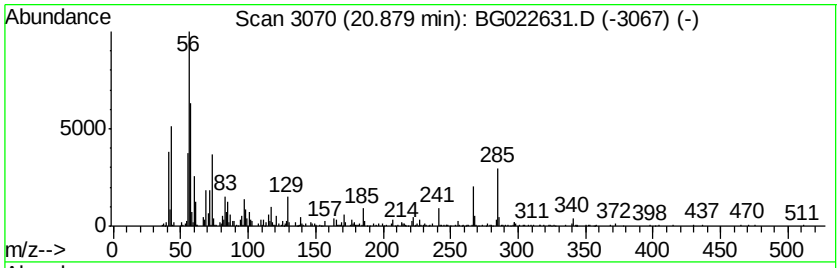
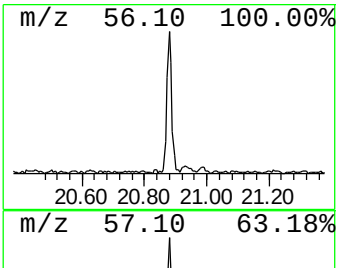
Peak Number 6 Octadecanoic acid, 2-methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	2.31 ng	398033	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	90
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	89
3	Docosanoic acid	340	C22H44O2	000112-85-6	56
4	n-Butyl myristate	284	C18H36O2	000110-36-1	40
5	3-Amino-2,2-dimethyl-1-propanol	103	C5H13NO	026734-09-8	35





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown7.69	7.69	82.0	ng	3923910	1	8.16	957212	20.0
Tridecanoic acid	18.43	3.3	ng	457643	4	17.56	2778770	20.0
Octadecanoic acid	19.69	3.5	ng	489863	4	17.56	2778770	20.0
Hexadecanoic acid...	19.84	3.8	ng	647235	5	21.85	3441230	20.0
Octadecanoic acid...	20.88	2.3	ng	398033	5	21.85	3441230	20.0