LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
Data File : BG023737.D
Acq On : 16 Aug 2016 21:11
Operator : UM/SJ
Sample : H4422-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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-BG080116.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	5.643	469	477	491	rBV	974648	1768590	3.10%	0.781%
2	7.270	748	754	775	rBV	545959	1374311	2.41%	0.607%
3	7.629	807	815	821	rBV3	1813773	3963058	6.94%	1.750%
4	7.875	848	857	865	rBV	4753125	8197213	14.36%	3.619%
5	8.081	883	892	903	rBV	2368516	4398914	7.70%	1.942%
6	8.427	943	951	959	rBV	1337061	2354269	4.12%	1.040%
7	9.285	1089	1097	1106	rBV	1288785	2344947	4.11%	1.035%
8	10.942	1367	1379	1386	rBV	550982	1009355	1.77%	0.446%
9	11.987	1547	1557	1564	rBV2	616374	1675839	2.93%	0.740%
10	12.111	1571	1578	1583	rBV	3536032	7224072	12.65%	3.190%
11	12.187	1583	1591	1594	rVV	5470877	14494169	25.38%	6.400%
12	12.234	1594	1599	1611	rVV	6770347	13602294	23.82%	6.006%
13	12.404	1613	1628	1632	rVV	16487461	57101182	100.00%	25.213%
14	12.463	1632	1638	1640	rVV	19667568	40769565	71.40%	18.002%
15	12.487	1640	1642	1657	rVV	4162073	5121258	8.97%	2.261%
16	12.663	1657	1672	1677	rVV	13710784	31859681	55.80%	14.067%
17	13.397	1788	1797	1806	rBV	3421472	5552396	9.72%	2.452%
18	14.267	1939	1945	1955	rVB2	921969	2039430	3.57%	0.900%
19	14.408	1964	1969	1975	rVB	410576	585600	1.03%	0.259%
20	14.784	2026	2033	2041	rBV2	906956	1500712	2.63%	0.663%
21	16.282	2280	2288	2302	rBV	3143965	4973983	8.71%	2.196%
22	17.544	2497	2503	2510	rBV2	1222028	1839475	3.22%	0.812%
23	18.414	2646	2651	2657	rBV2	372107	575374	1.01%	0.254%
24	19.683	2862	2867	2881	rBV2	373213	616156	1.08%	0.272%
25	20.153	2941	2947	2956	rBV	5605238	7383319	12.93%	3.260%
26	21.868	3232	3239	3247	rVB2	1194346	2100906	3.68%	0.928%
27	25.263	3807	3817	3831	rVB2	670825	2052052	3.59%	0.906%

Sum of corrected areas: 226478120

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
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Operator : UM/SJ
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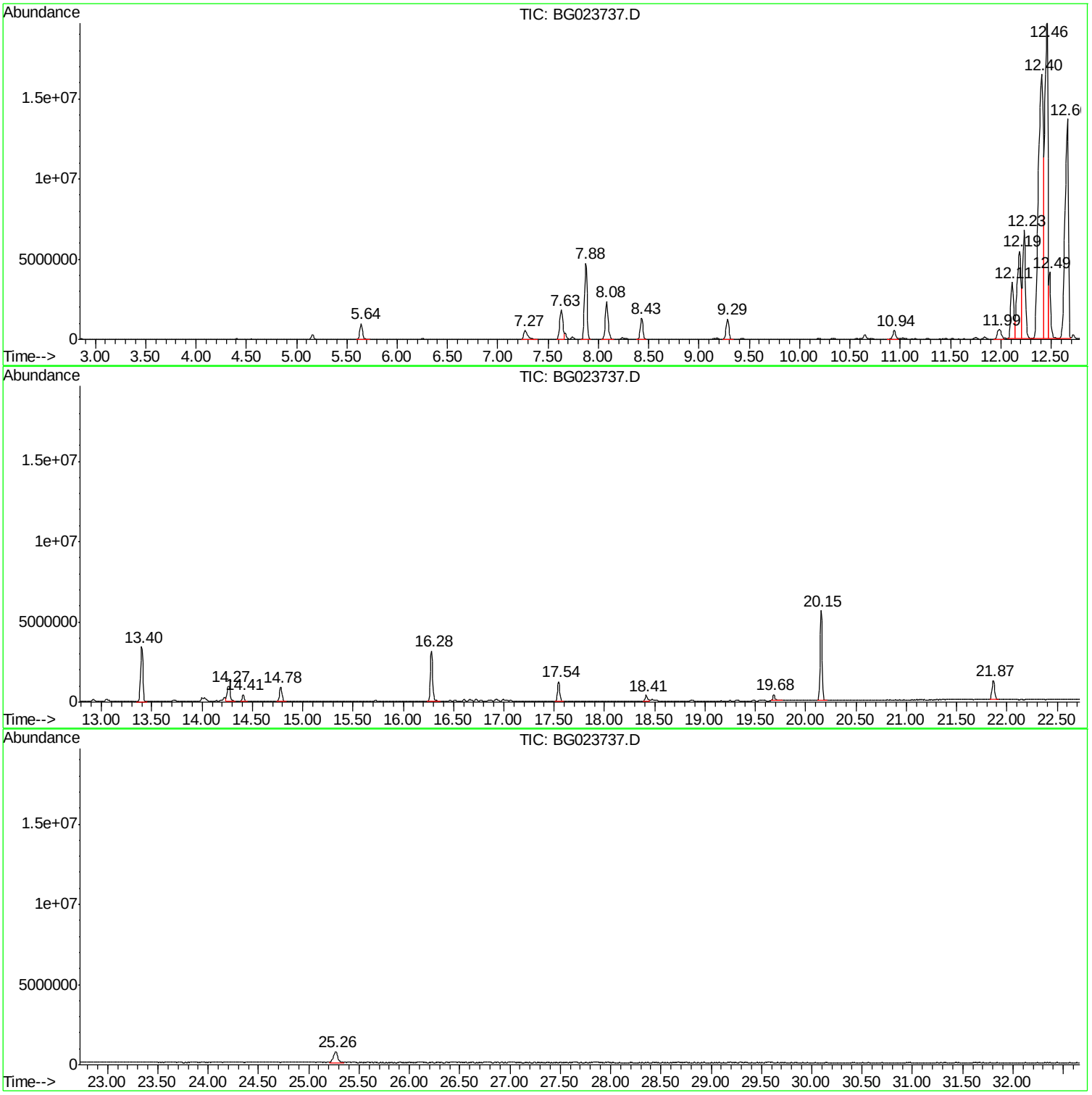
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
Data File : BG023737.D
Acq On : 16 Aug 2016 21:11
Operator : UM/SJ
Sample : H4422-03
Misc :
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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

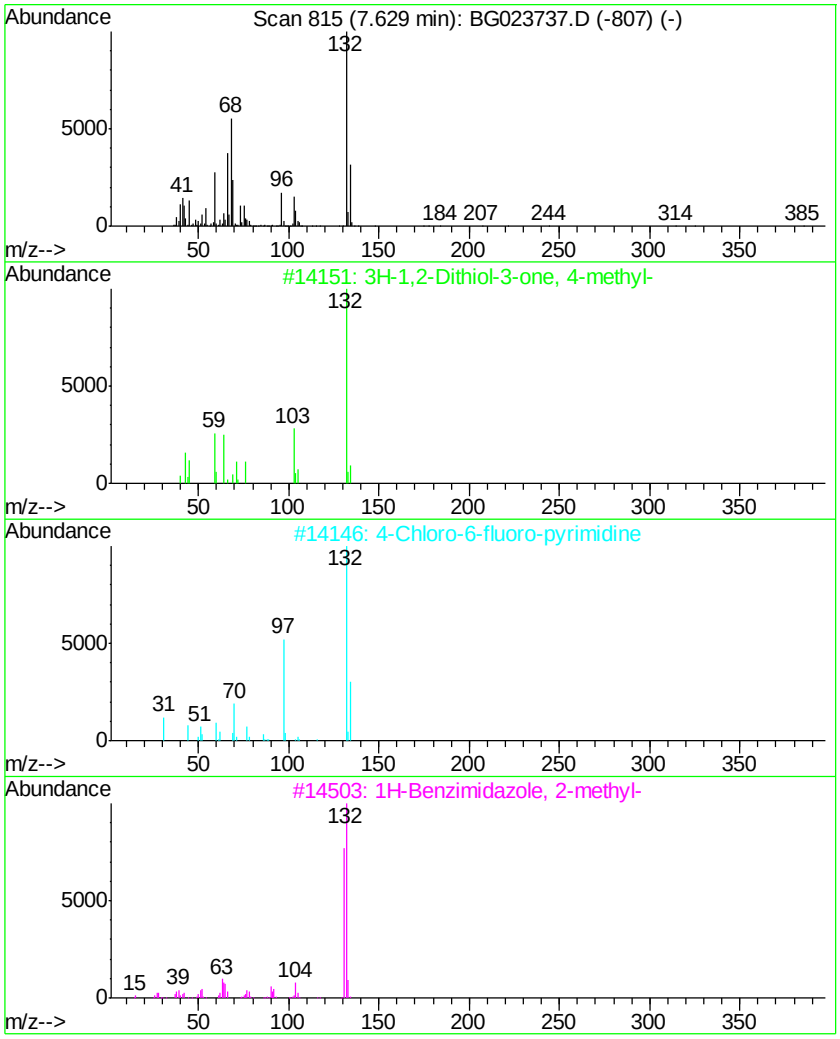
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

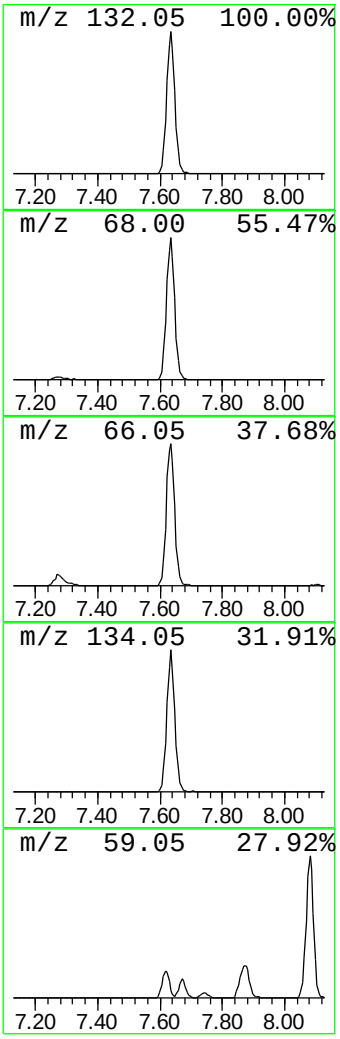
****

Peak Number 1 unknown7.63 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	18.02 ng	3963060	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-1,2-Dithiol-3-one, 4-methyl-	132	C4H4OS2	003620-10-8	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
Data File : BG023737.D
Acq On : 16 Aug 2016 21:11
Operator : UM/SJ
Sample : H4422-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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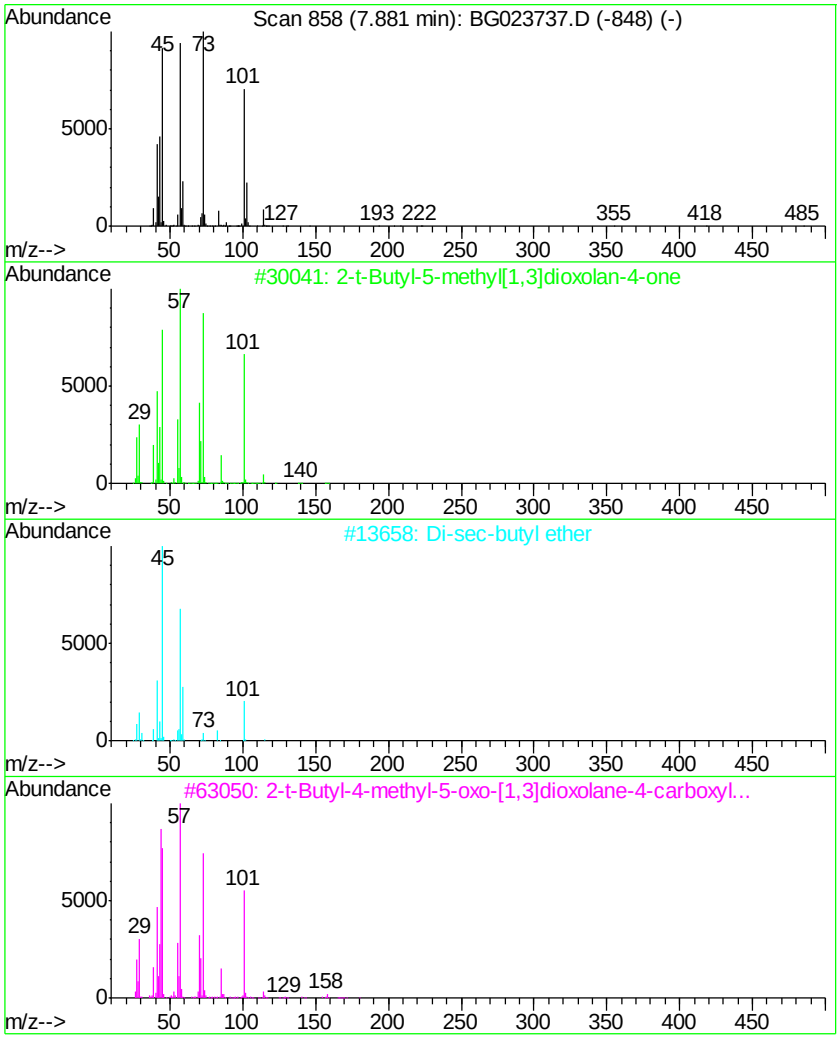
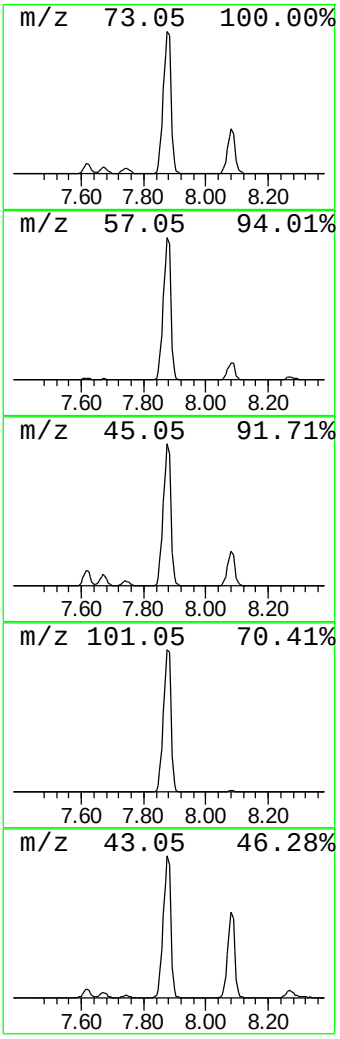
Peak Number 2 2-t-Butyl-5-methyl[1,3]diox... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	37.27 ng	8197210	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-t-Butyl-5-methyl[1,3]dioxolan-...	158	C8H14O3	130930-47-1	50
2	Di-sec-butyl ether	130	C8H18O	006863-58-7	50
3	2-t-Butyl-4-methyl-5-oxo-[1,3]di...	202	C9H14O5	1000191-45-5	45
4	2-Methylbutane-1,4-diol, 3-(1-et...	192	C9H20O4	088481-54-3	37
5	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	33





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
Data File : BG023737.D
Acq On : 16 Aug 2016 21:11
Operator : UM/SJ
Sample : H4422-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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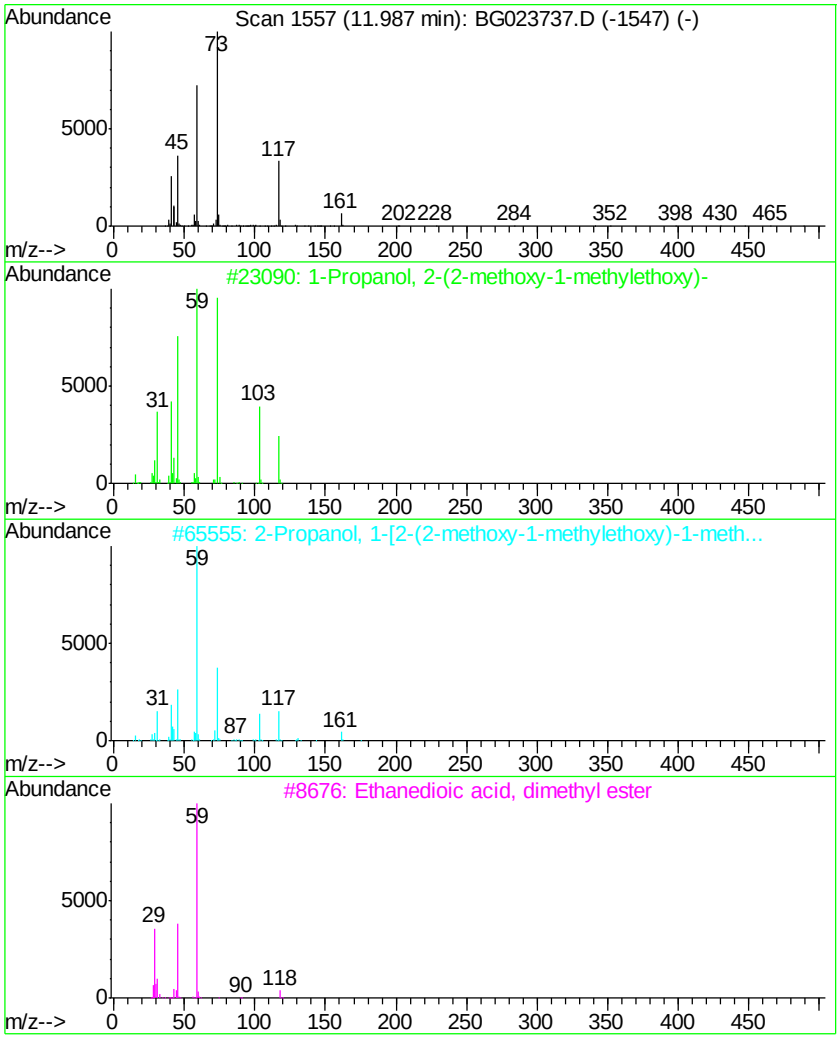
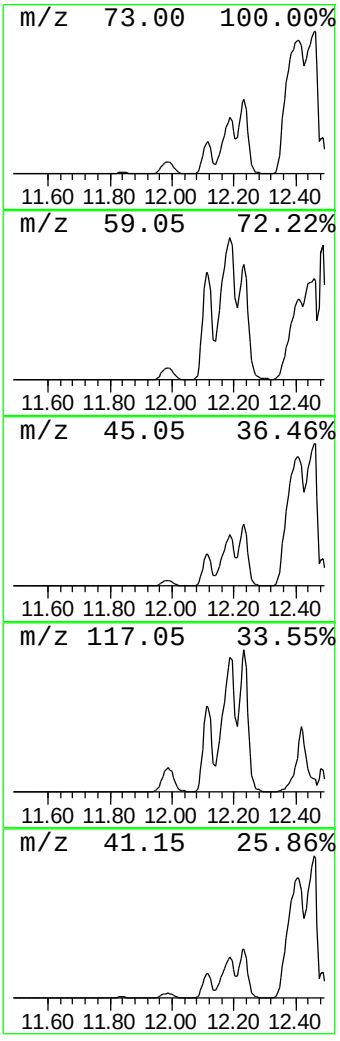
Peak Number 4 1-Propanol, 2-(2-methoxy-1-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	33.21 ng	1675840	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-methoxy-1-methy...	148	C7H16O3	055956-21-3	53
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	45
3	Ethanedioic acid, dimethyl ester	118	C4H6O4	000553-90-2	38
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	38
5	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
Data File : BG023737.D
Acq On : 16 Aug 2016 21:11
Operator : UM/SJ
Sample : H4422-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

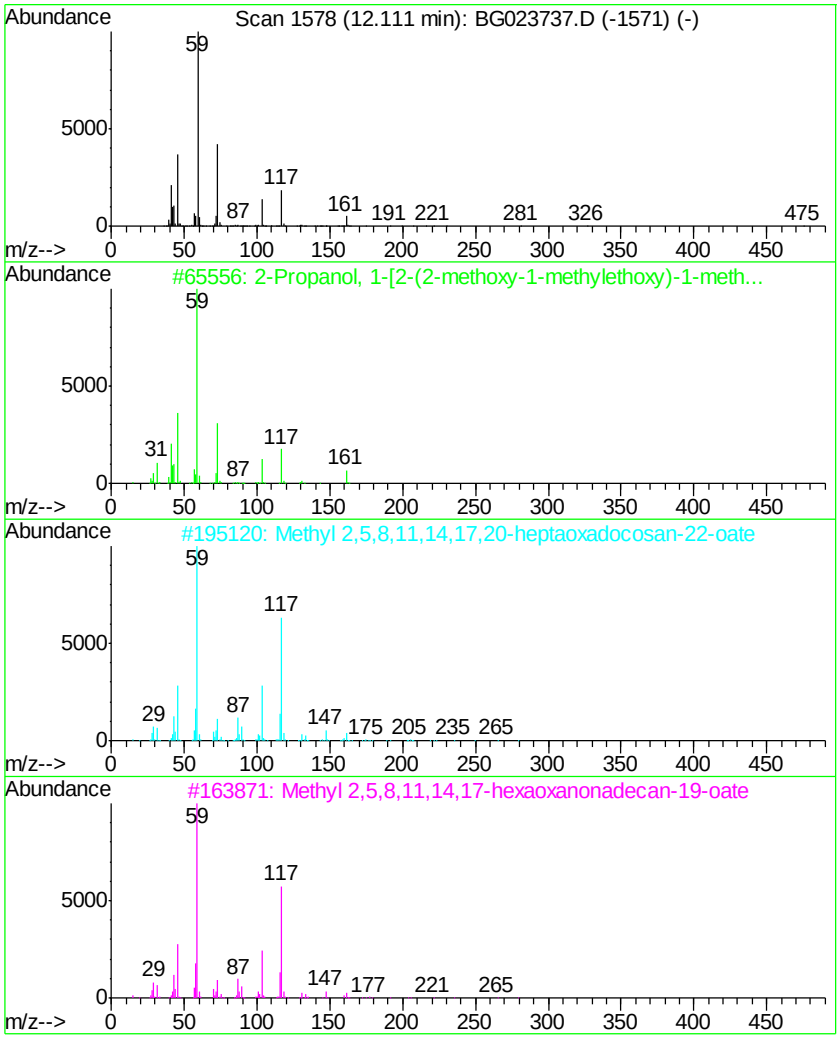
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

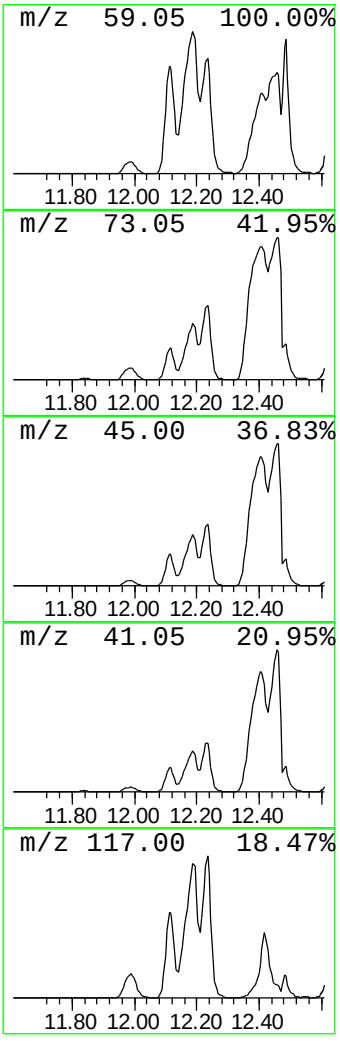
****

Peak Number 5 2-Propanol, 1-[2-(2-methoxy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	143.14 ng	7224070	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	90
2	Methyl 2,5,8,11,14,17,20-heptaox...	368	C16H32O9	1000366-81-3	78
3	Methyl 2,5,8,11,14,17-hexaoxanon...	324	C14H28O8	1000366-81-4	78
4	Methyl 2,5,8,11,14,17,20,23-octa...	412	C18H36O10	1000366-81-2	64
5	Tri(propylene glycol) propyl ether	234	C12H26O4	096077-04-2	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
Data File : BG023737.D
Acq On : 16 Aug 2016 21:11
Operator : UM/SJ
Sample : H4422-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

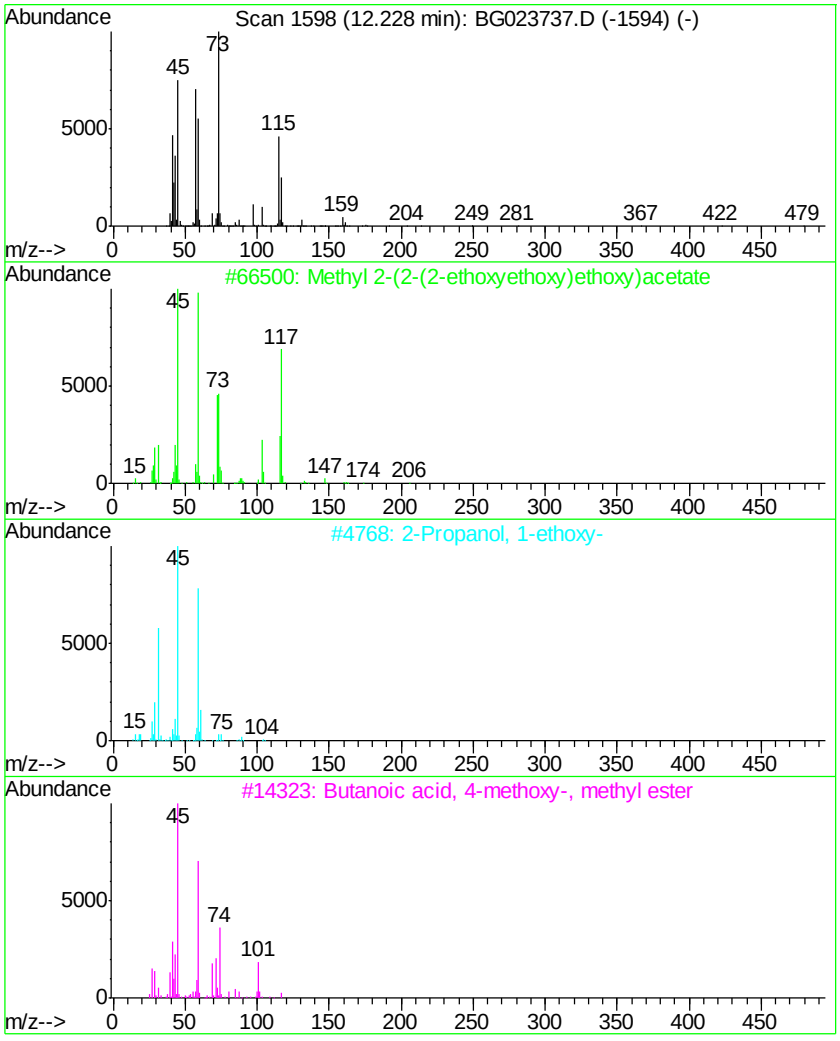
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

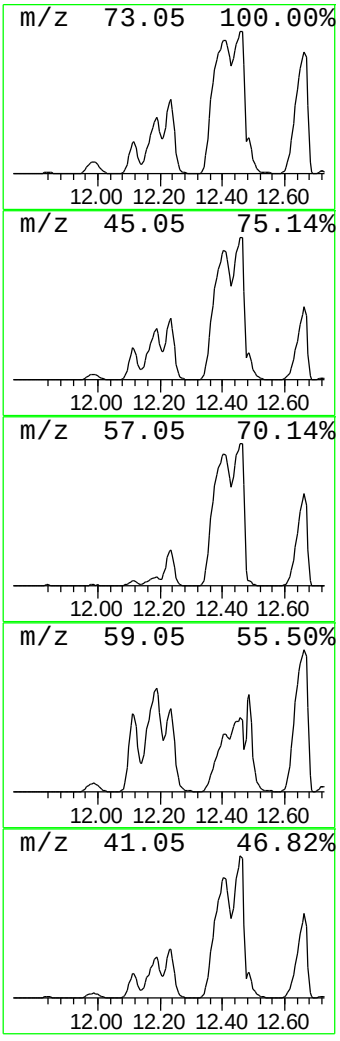
****

Peak Number 7 unknown12.23 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	269.52 ng	13602300	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-(2-(2-ethoxyethoxy)etho...	206	C9H18O5	1000366-78-1	38
2	2-Propanol, 1-ethoxy-	104	C5H12O2	001569-02-4	35
3	Butanoic acid, 4-methoxy-, methy...	132	C6H12O3	029006-01-7	32
4	Acetic acid, [2-(2-methoxyethoxy...	178	C7H14O5	016024-58-1	32
5	2-Ethyl-4,6-dimethyl-1,3,5-trioxane	146	C7H14O3	024261-86-7	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
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Acq On : 16 Aug 2016 21:11
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Sample : H4422-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

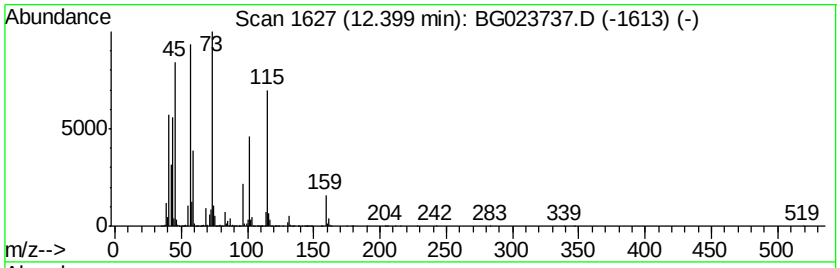
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

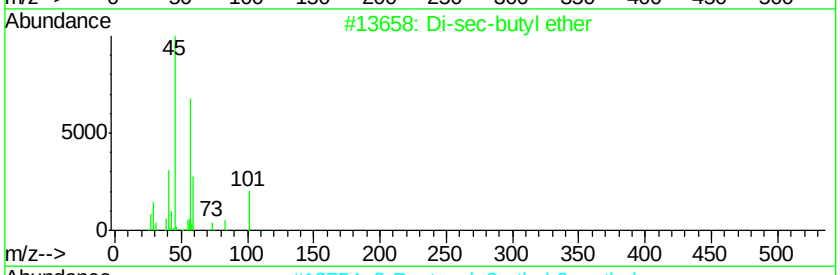
****

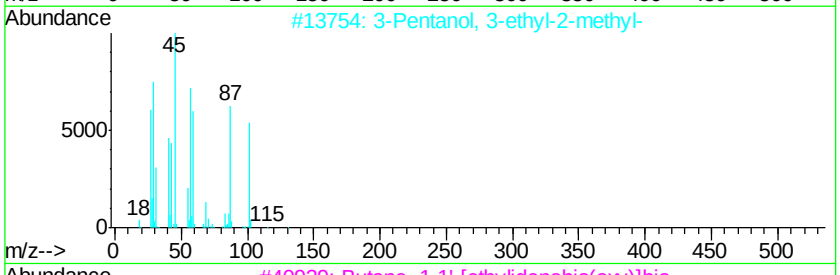
Peak Number 8 Di-sec-butyl ether Concentration Rank 1

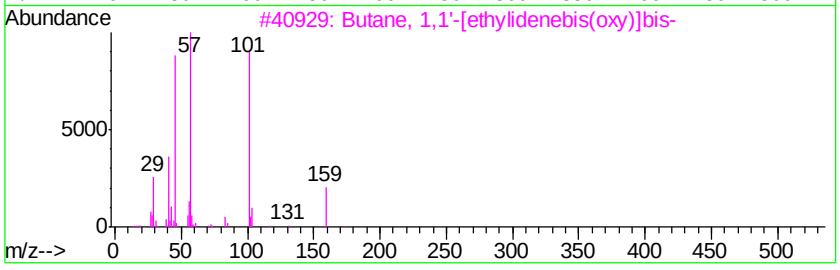
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	1131.44 ng	57101200	Naphthalene-d8	10.94

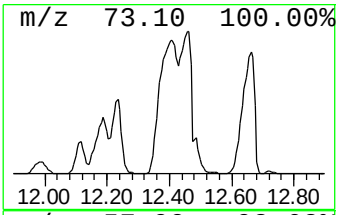
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-butyl ether	130	C8H18O	006863-58-7	50
2	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	47
3	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	43
4	Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	43
5	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	43

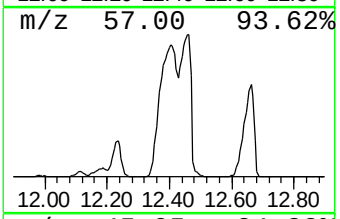


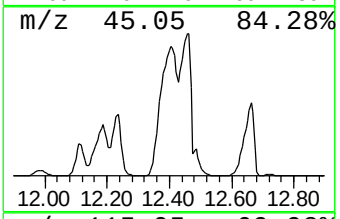


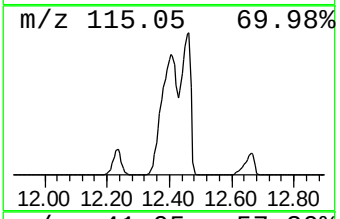


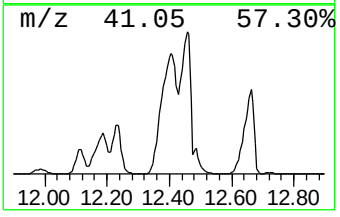












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Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

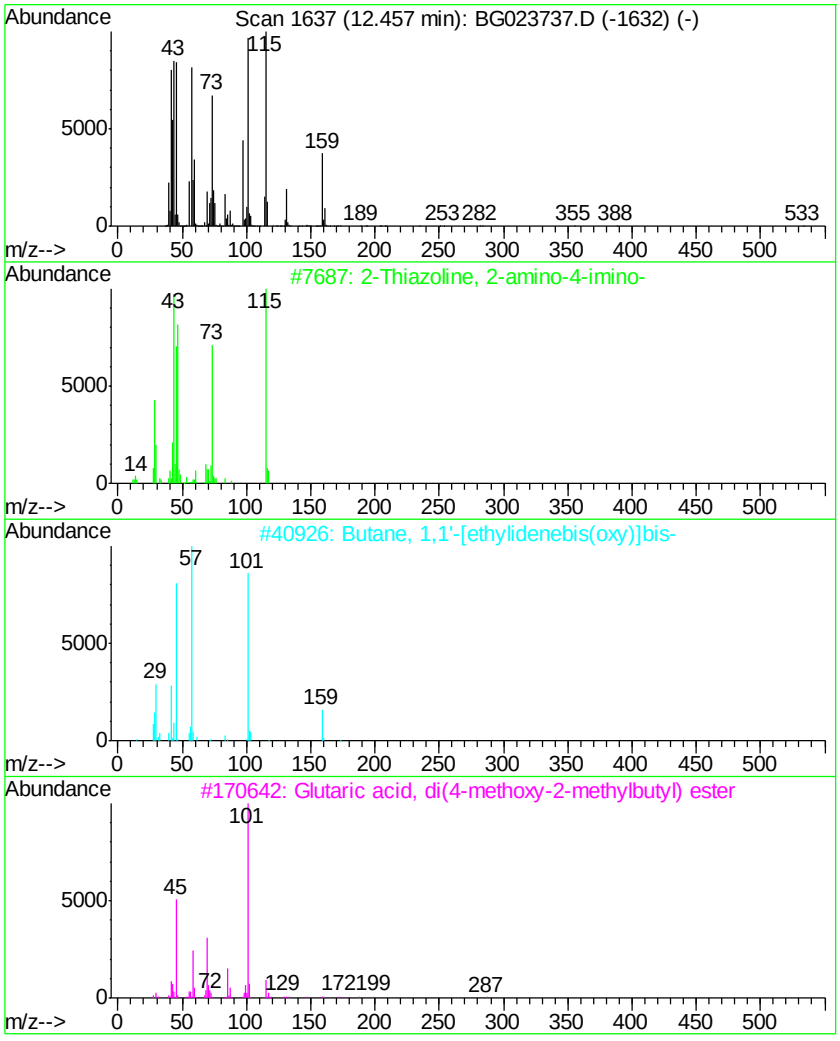
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

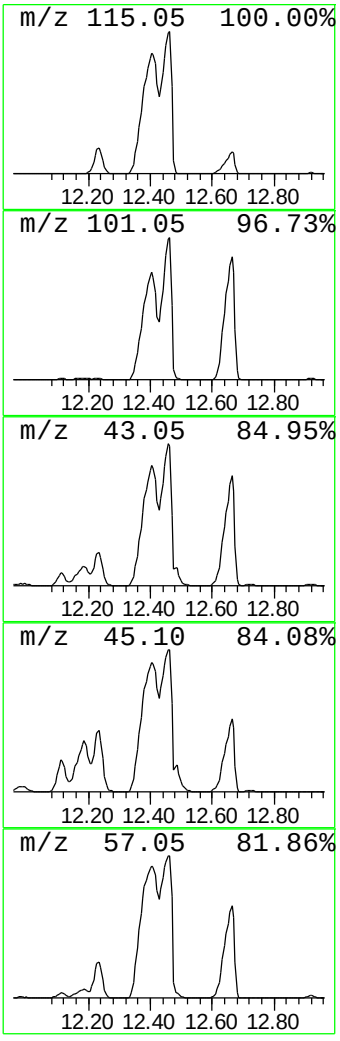
****

Peak Number 9 unknown12.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	807.83 ng	40769600	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiazoline, 2-amino-4-imino-	115	C3H5N3S	026246-29-7	27
2	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	27
3	Glutaric acid, di(4-methoxy-2-me...	332	C17H32O6	1000359-42-1	27
4	1-Octene, 3-(methoxymethoxy)-	172	C10H20O2	088738-34-5	22
5	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	22





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Instrument : BNA_G
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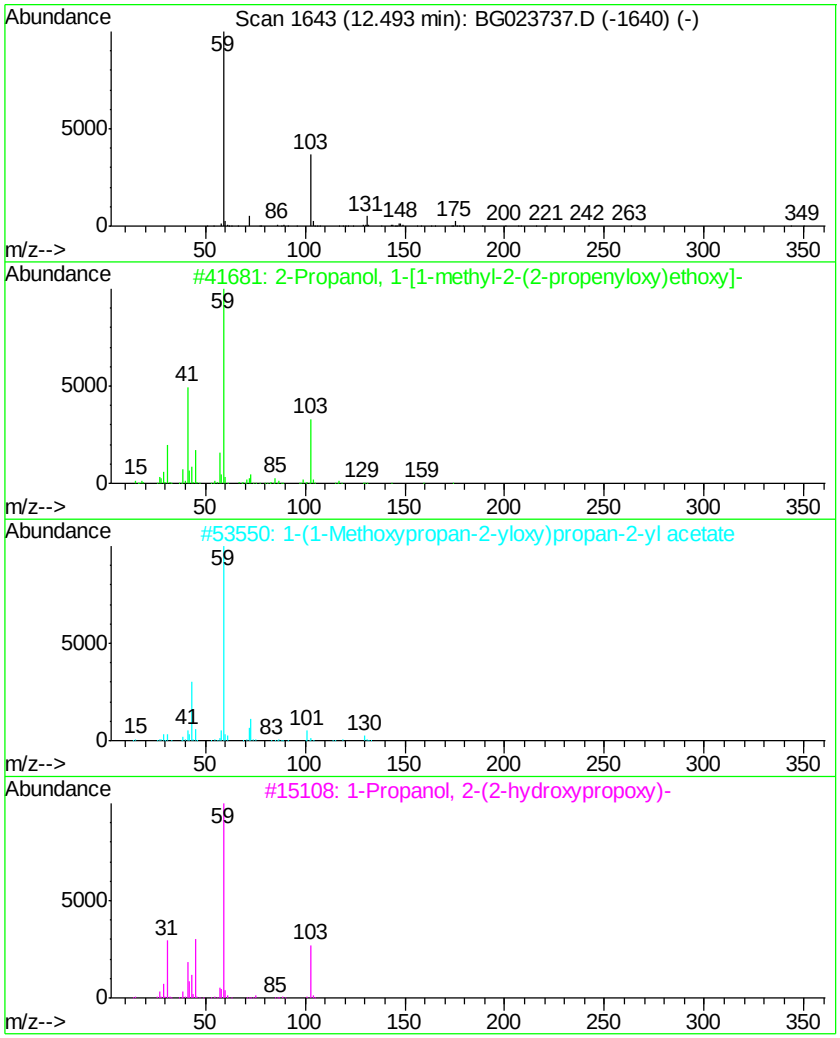
TIC Integration Parameters: LSCINT.P

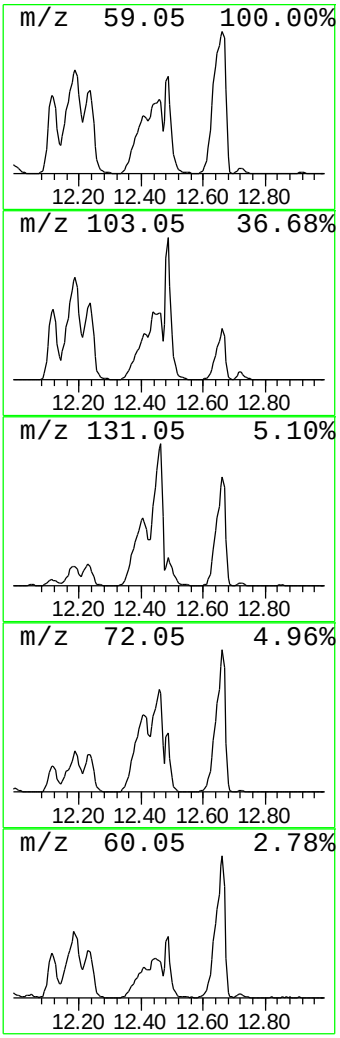
****

Peak Number 10 2-Propanol, 1-[1-methyl-2-(... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	101.48 ng	5121260	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	72
2	1-(1-Methoxypropan-2-yloxy)propa...	190	C9H18O4	1000367-08-6	59
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	45
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	45





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
Data File : BG023737.D
Acq On : 16 Aug 2016 21:11
Operator : UM/SJ
Sample : H4422-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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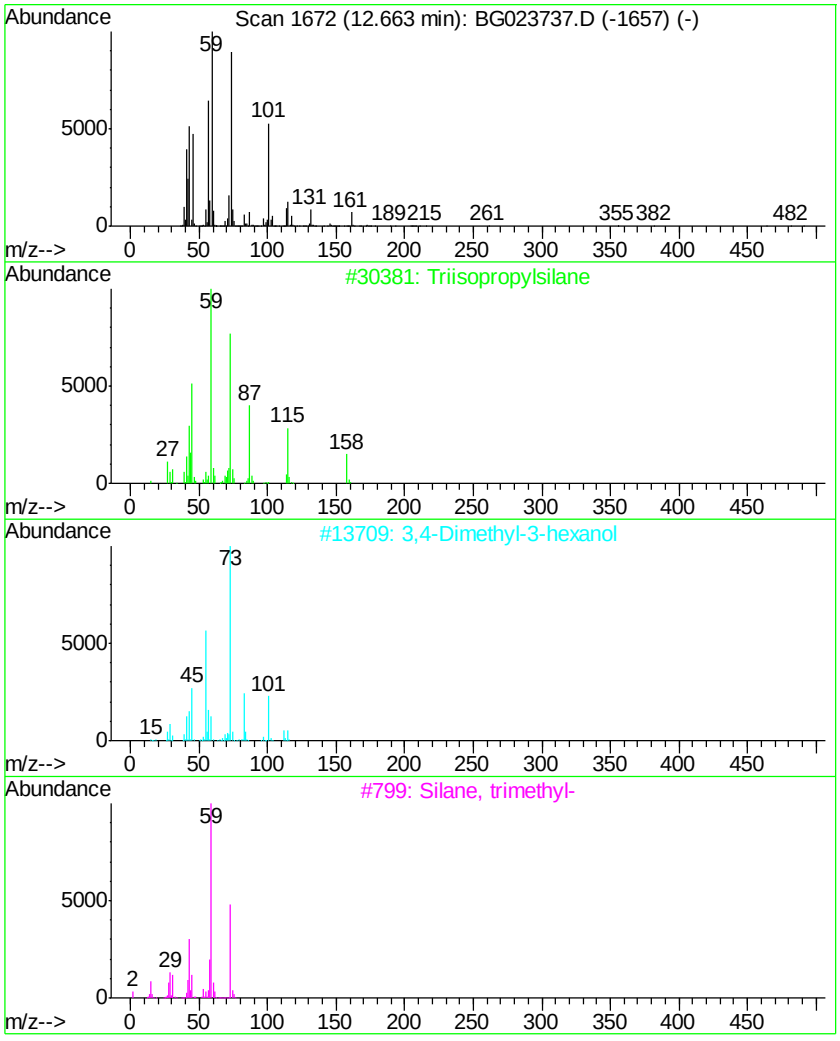
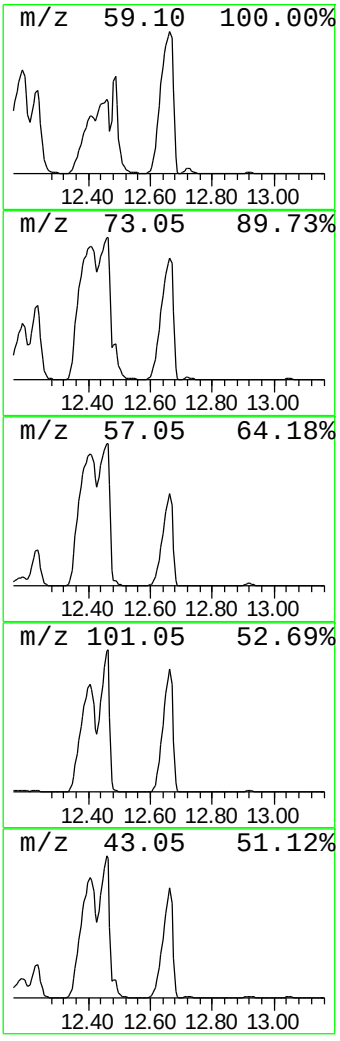
Peak Number 11 unknown12.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	631.29 ng	31859700	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triisopropylsilane	158	C9H22Si	006485-79-6	40
2	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	35
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	30
4	Butanal, oxime	87	C4H9NO	000110-69-0	27
5	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	22





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Sample : H4422-03
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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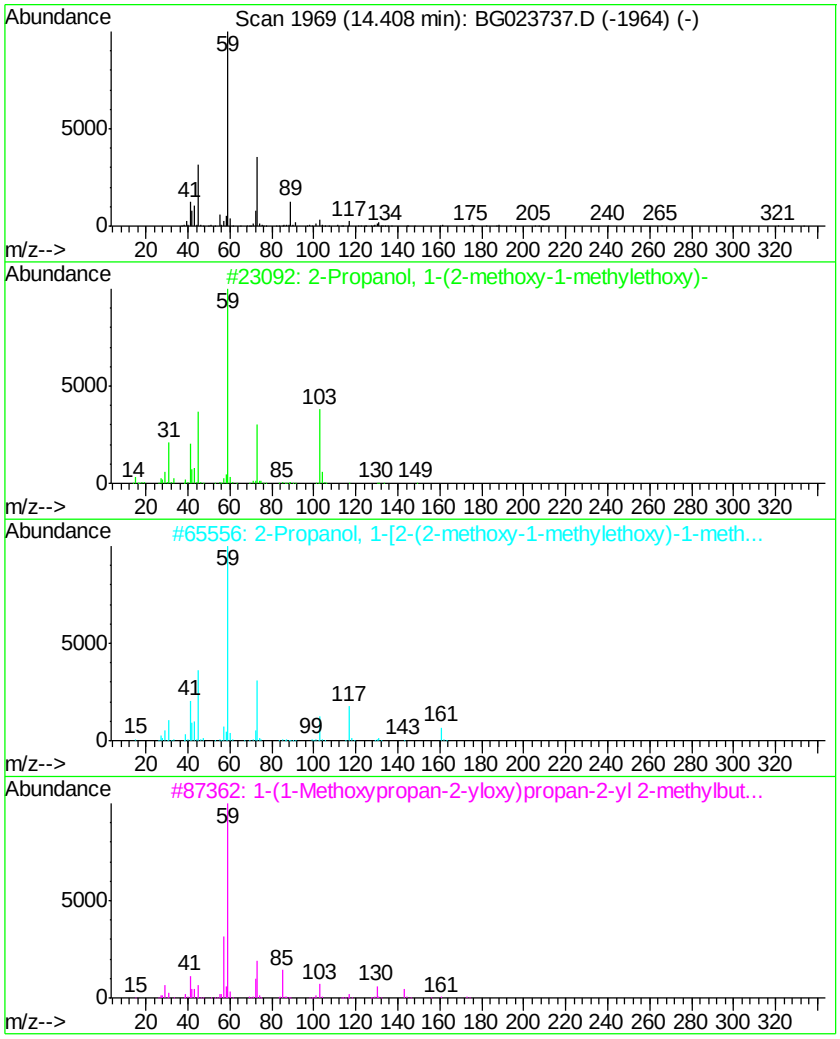
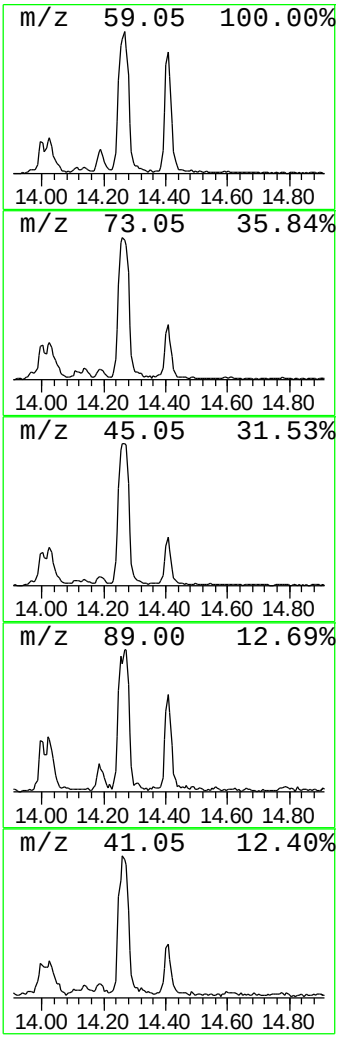
Peak Number 12 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	7.80 ng	585600	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	56
3	1-(1-Methoxypropan-2-yloxy)propa...	232	C12H24O4	1000367-11-4	53
4	Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	50
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	42





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Data File : BG023737.D
Acq On : 16 Aug 2016 21:11
Operator : UM/SJ
Sample : H4422-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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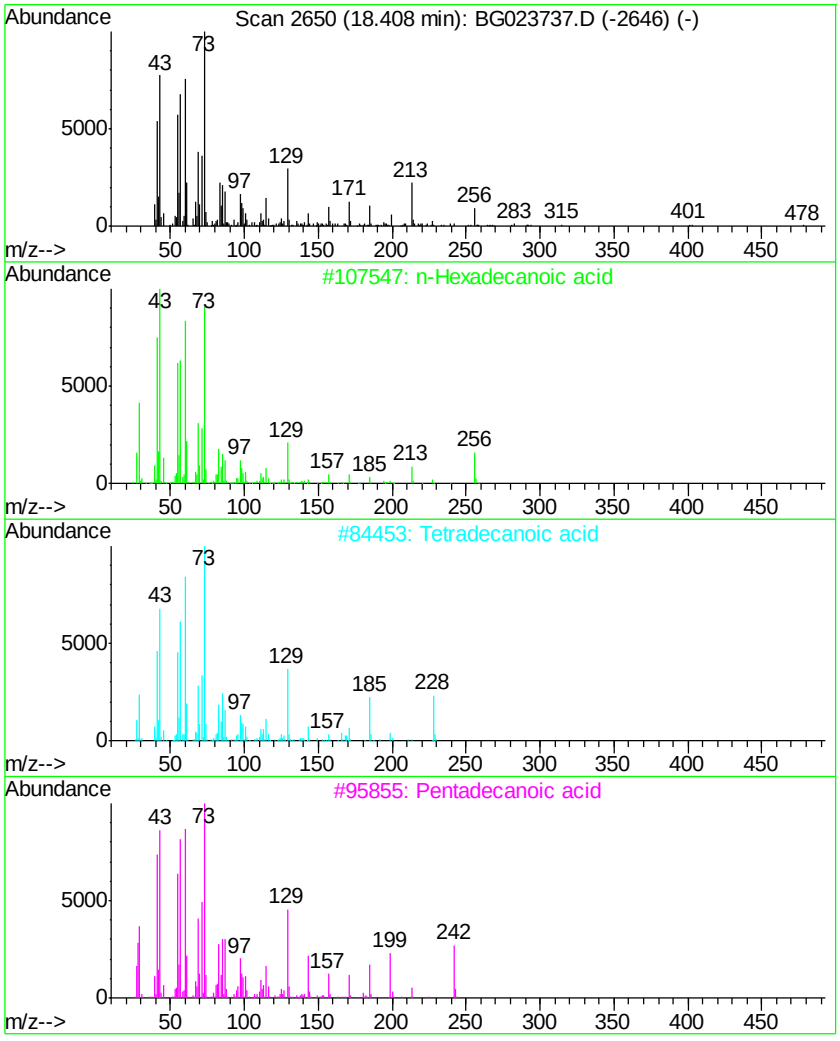
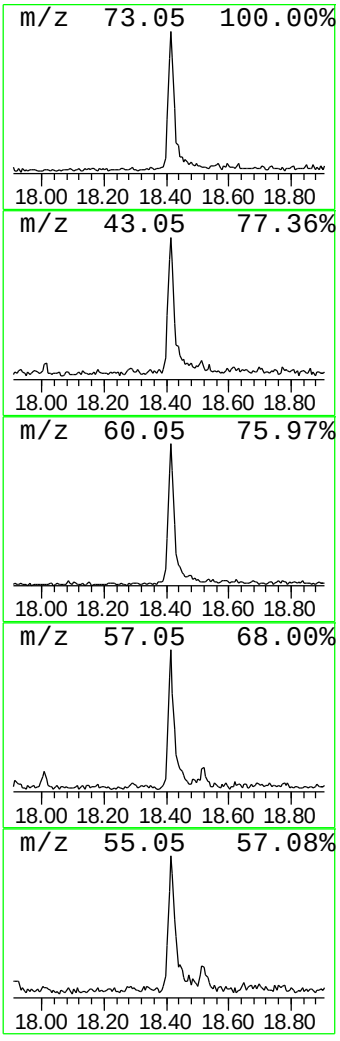
Peak Number 13 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	6.26 ng	575374	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





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Operator : UM/SJ
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
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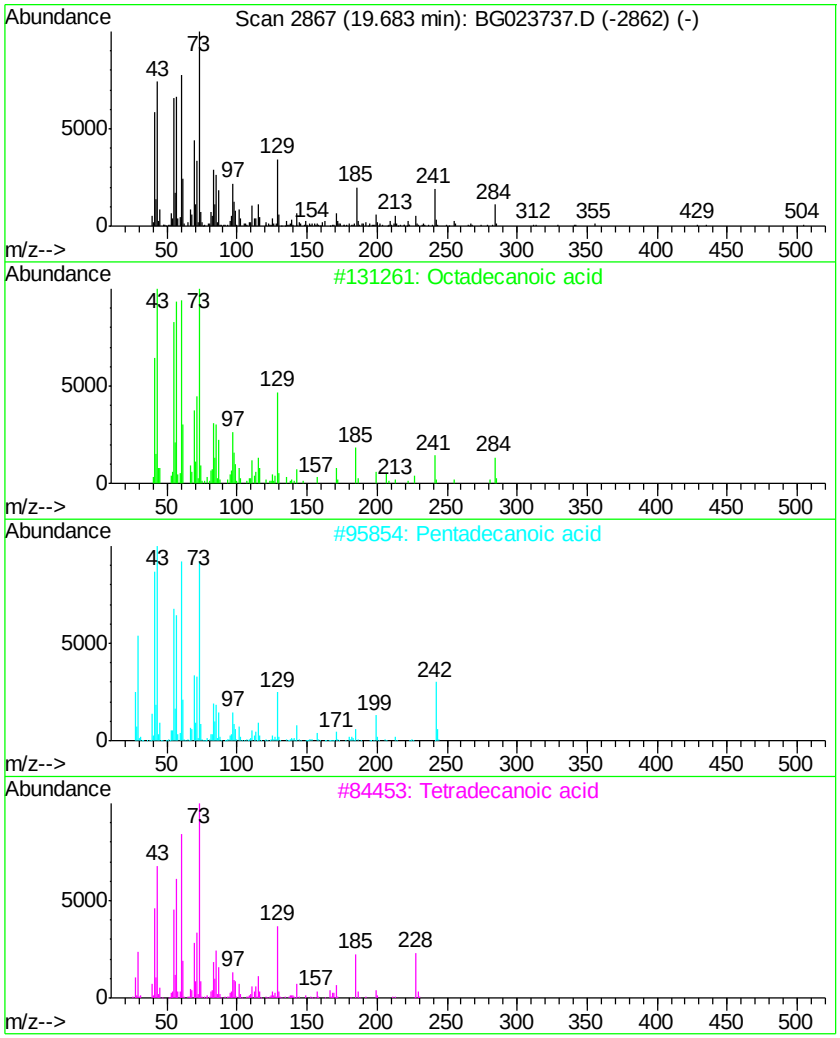
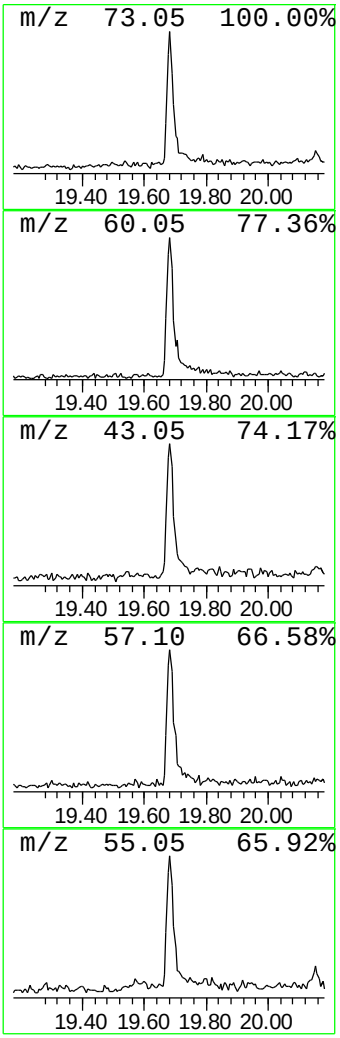
Peak Number 14 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	6.70 ng	616156	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Tentatively Identified Compound (LSC) summary

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Data File : BG023737.D
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Operator : UM/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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
unknown7.63	7.63	18.0	ng	3963060	1	8.10	4398910	20.0
2-t-Butyl-5-methy...	7.88	37.3	ng	8197210	1	8.10	4398910	20.0
1-Propanol, 2-(2-...	11.99	33.2	ng	1675840	2	10.94	1009360	20.0
2-Propanol, 1-[2-...	12.11	143.1	ng	7224070	2	10.94	1009360	20.0
unknown12.23	12.23	269.5	ng	13602300	2	10.94	1009360	20.0
Di-sec-butyl ether	12.40	1131.4	ng	57101200	2	10.94	1009360	20.0
unknown12.46	12.46	807.8	ng	40769600	2	10.94	1009360	20.0
2-Propanol, 1-[1-...	12.49	101.5	ng	5121260	2	10.94	1009360	20.0
unknown12.66	12.66	631.3	ng	31859700	2	10.94	1009360	20.0
2-Propanol, 1-(2-...	14.41	7.8	ng	585600	3	14.78	1500710	20.0
n-Hexadecanoic acid	18.41	6.3	ng	575374	4	17.54	1839480	20.0
Octadecanoic acid	19.68	6.7	ng	616156	4	17.54	1839480	20.0