LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023361.D
Acq On : 30 Jul 2016 17:28
Operator : UM/SJ
Sample : H4176-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-23-12.0-15.0

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-BG072616.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	5.193	394	401	411	rBV	342990	578332	5.57%	0.866%
2	5.675	474	483	493	rBV	1687885	2793081	26.90%	4.185%
3	7.290	750	758	772	rBV	1289324	2322655	22.37%	3.480%
4	7.666	809	822	829	rBV	2937005	5284243	50.90%	7.917%
5	8.136	891	902	908	rBV	635715	1135982	10.94%	1.702%
6	8.465	950	958	964	rBV	2239932	3984858	38.38%	5.970%
7	9.317	1095	1103	1115	rVB	2410697	4466432	43.02%	6.692%
8	9.975	1206	1215	1223	rBV8	60614	193036	1.86%	0.289%
9	10.356	1276	1280	1288	rVB6	45011	104175	1.00%	0.156%
10	10.539	1301	1311	1318	rBV9	55484	161172	1.55%	0.241%
11	10.973	1377	1385	1391	rBV	1062232	2031178	19.57%	3.043%
12	11.878	1533	1539	1544	rBV10	69273	166679	1.61%	0.250%
13	12.430	1628	1633	1637	rBV8	52908	123697	1.19%	0.185%
14	12.988	1724	1728	1737	rBV5	180734	394214	3.80%	0.591%
15	13.423	1795	1802	1813	rVB	6339108	10381385	100.00%	15.554%
16	13.893	1879	1882	1886	rBV	132198	182708	1.76%	0.274%
17	13.946	1887	1891	1895	rBV2	258537	448064	4.32%	0.671%
18	14.122	1915	1921	1926	rBV2	219672	492655	4.75%	0.738%
19	14.357	1957	1961	1965	rBV4	149631	255588	2.46%	0.383%
20	14.809	2027	2038	2044	rBV2	1797196	3373941	32.50%	5.055%
21	16.307	2287	2293	2301	rBV	5088529	7960759	76.68%	11.927%
22	17.570	2503	2508	2513	rBV	1826068	2763871	26.62%	4.141%
23	18.451	2653	2658	2663	rBV	707884	1278982	12.32%	1.916%
24	19.714	2869	2873	2880	rVB	968878	1330727	12.82%	1.994%
25	20.178	2947	2952	2957	rBV	7005004	9333054	89.90%	13.983%
26	21.888	3238	3243	3253	rVB2	1486347	2677805	25.79%	4.012%
27	25.295	3816	3823	3836	rVB2	854848	2524527	24.32%	3.782%

Sum of corrected areas: 66743800

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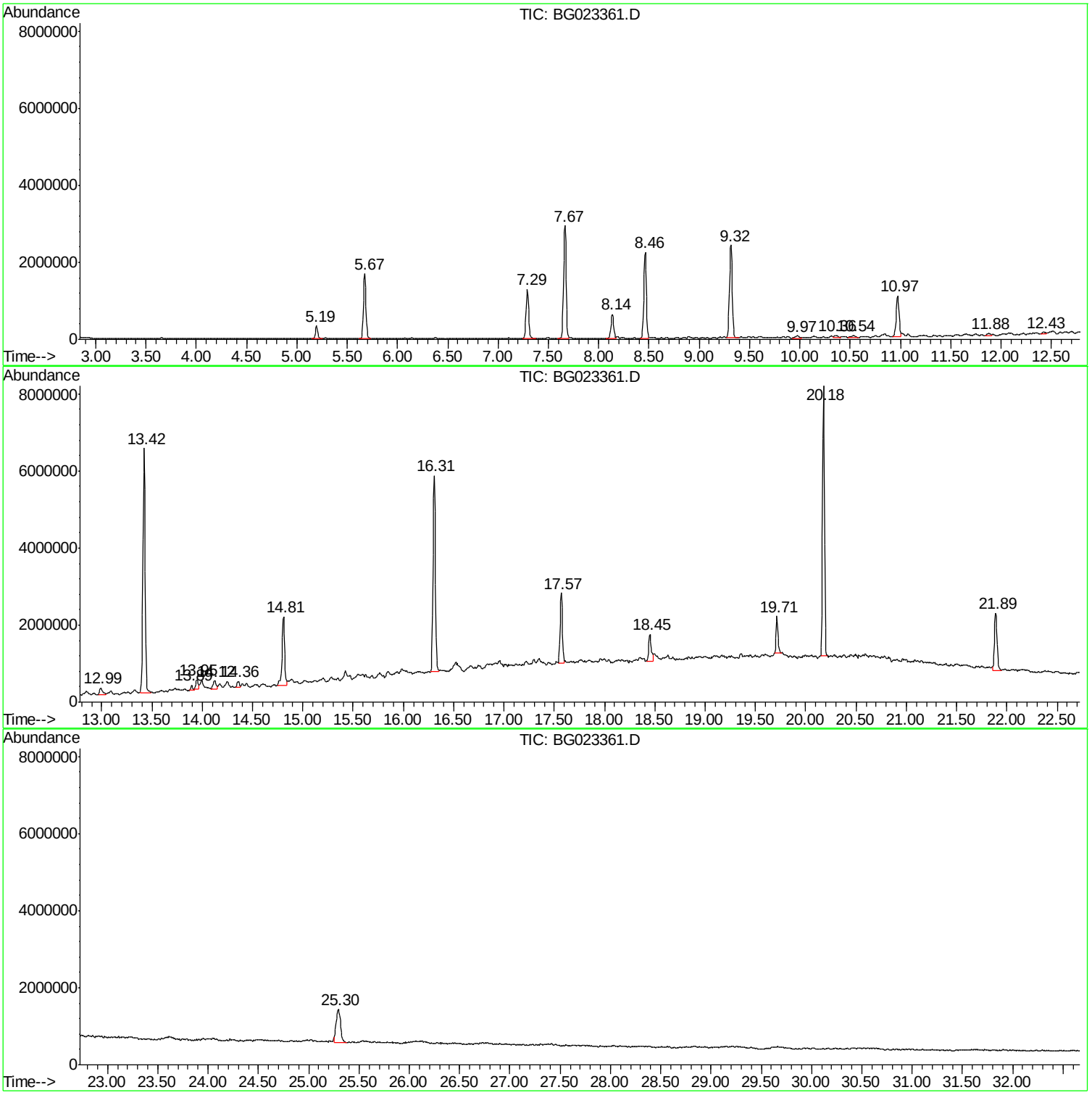
Instrument : BNA_G
ClientSampleId : GW-23-12.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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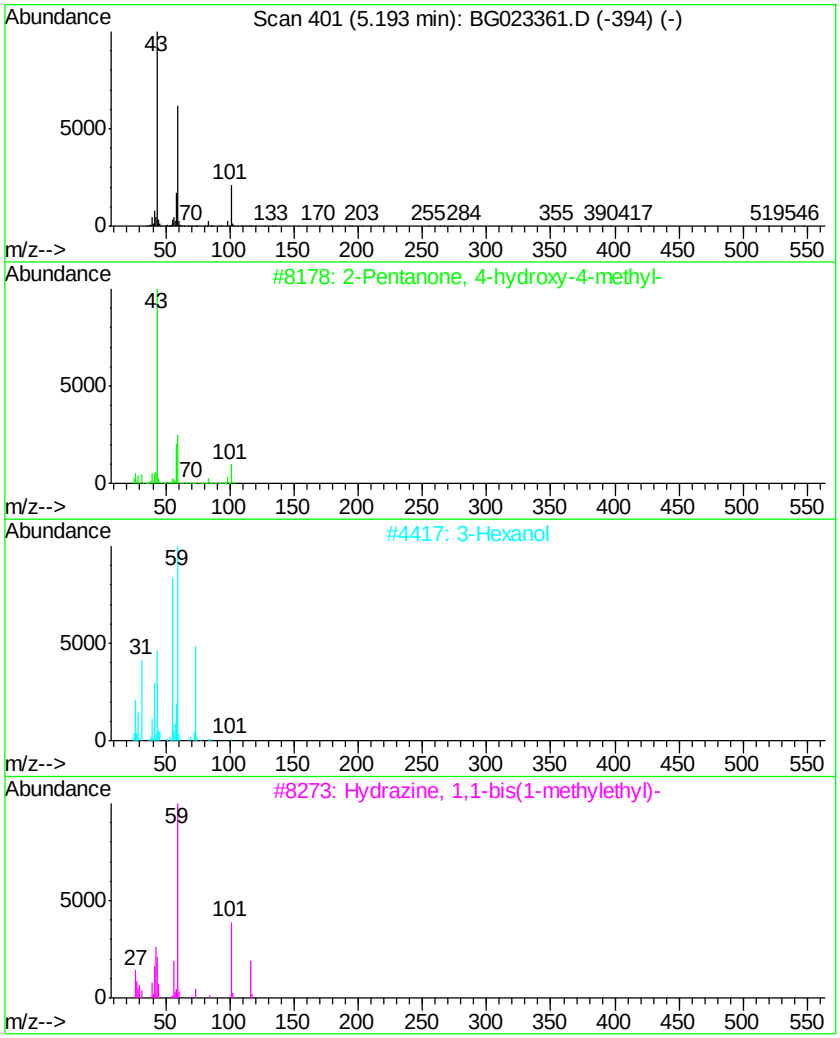
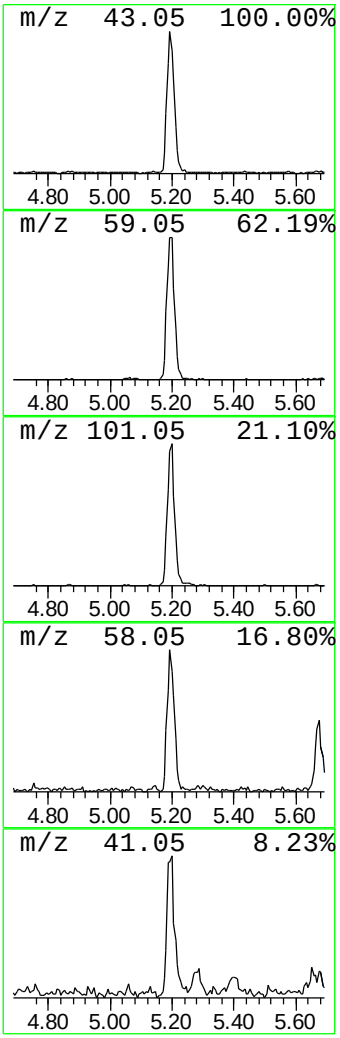
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	10.18 ng	578332	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol	102	C6H14O	000623-37-0	28
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	Guanidine	59	CH5N3	000113-00-8	9





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Sample : H4176-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-23-12.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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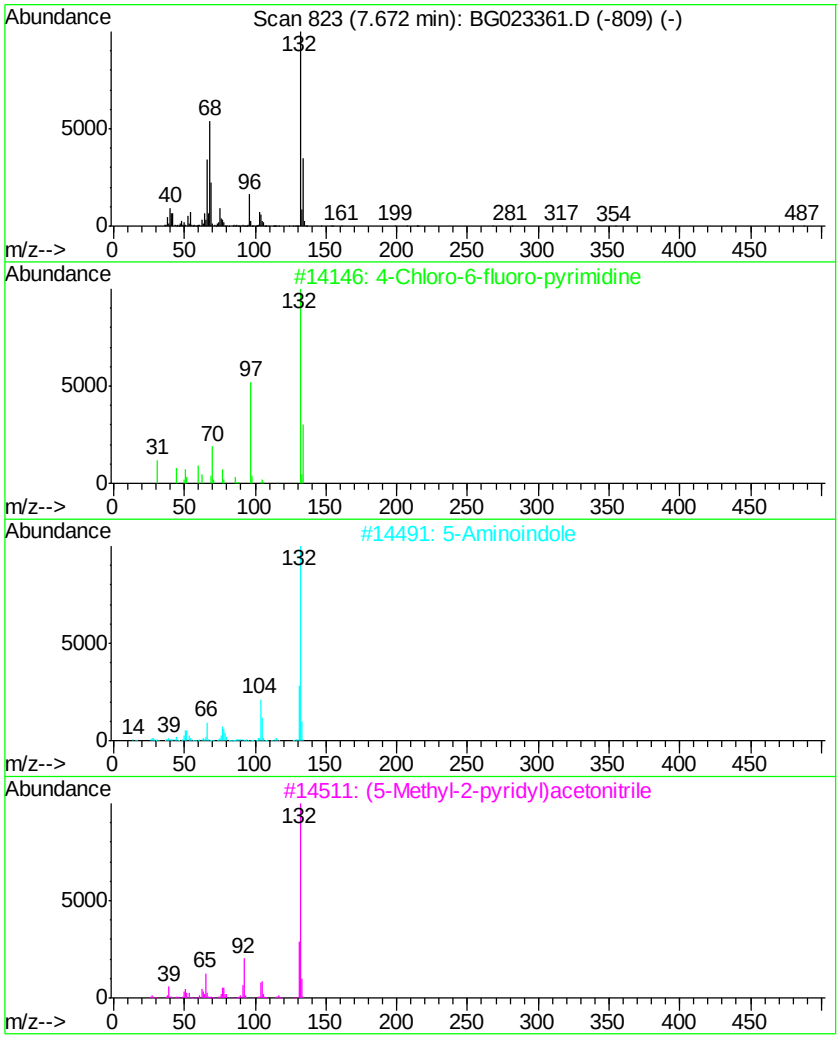
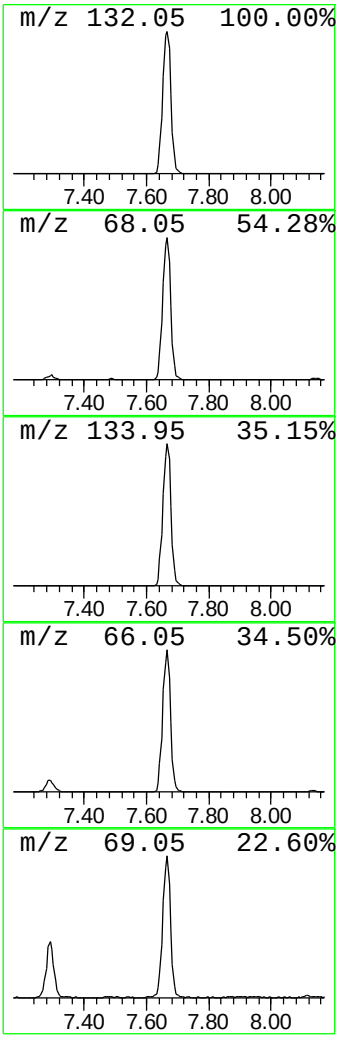
Peak Number 2 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	93.03 ng	5284240	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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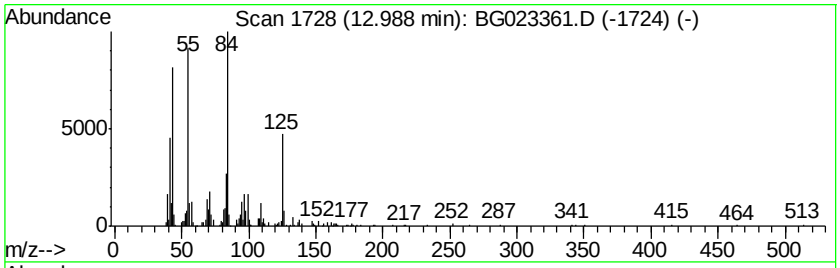
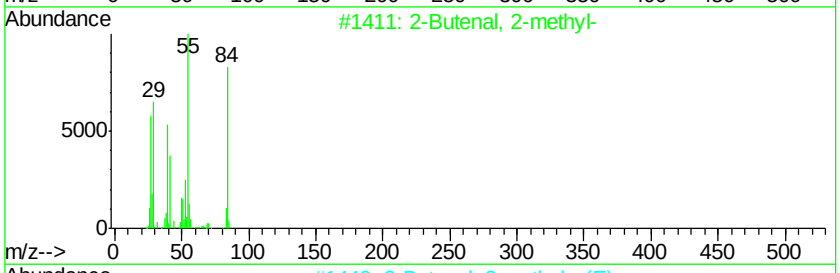
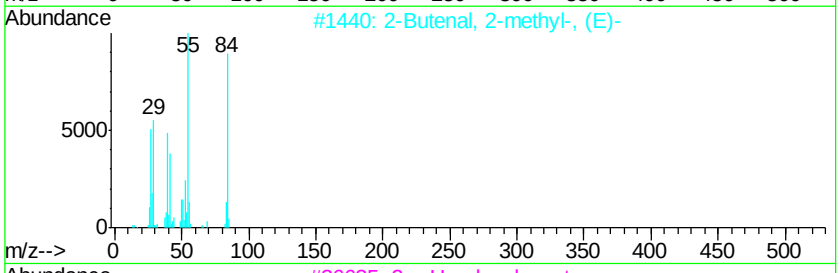
Peak Number 4 unknown12.99 Concentration Rank 8

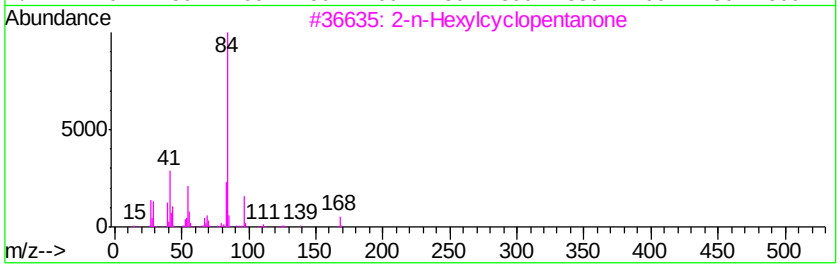
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.34 ng	394214	Acenaphthene-d10	14.80

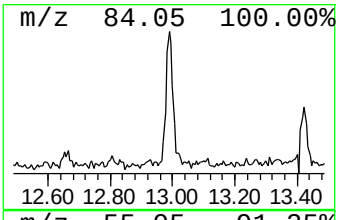
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	43
2	2-Butenal, 2-methyl-, (E)-	84	C5H8O	000497-03-0	43
3	2-n-Hexylcyclopentanone	168	C11H20O	013074-65-2	43
4	[1,1'-Bicyclopentyl]-2-one	152	C10H16O	004884-24-6	43
5	2-Ethylacrolein	84	C5H8O	000922-63-4	43

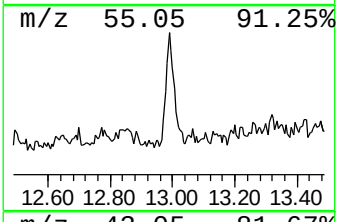


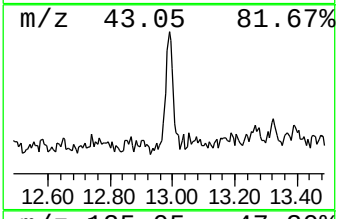


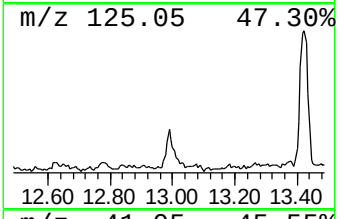


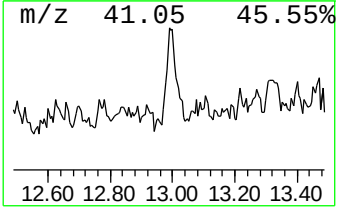












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Instrument : BNA_G
ClientSampleId : GW-23-12.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

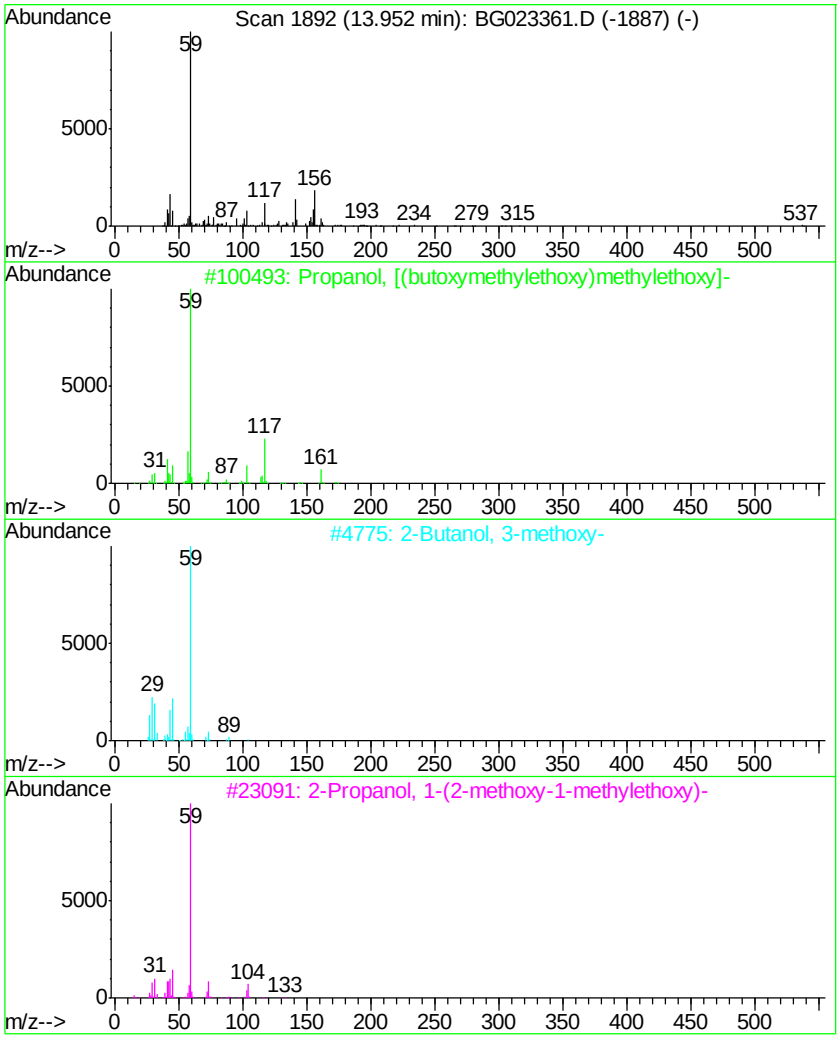
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

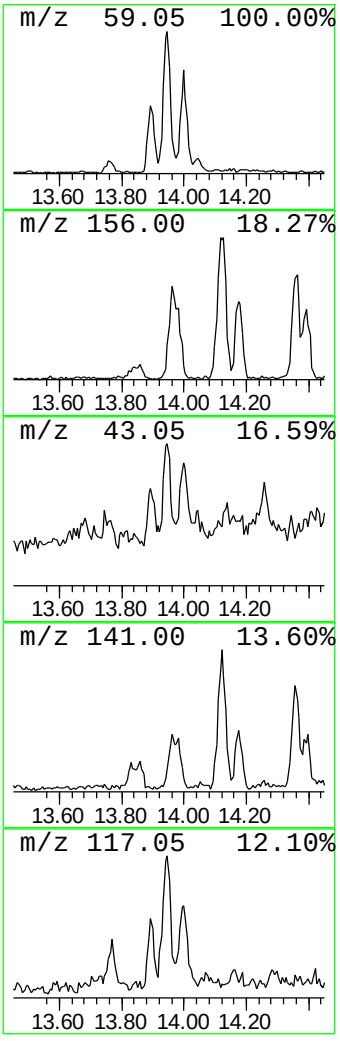
****

Peak Number 5 Propanol, [(butoxymethyleth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.66 ng	448064	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanol, [(butoxymethylethoxy)m...	248	C13H28O4	055934-93-5	56
2	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	53
3	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	53
4	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	50
5	2-Heptanol, 2-methyl-	130	C8H18O	000625-25-2	50





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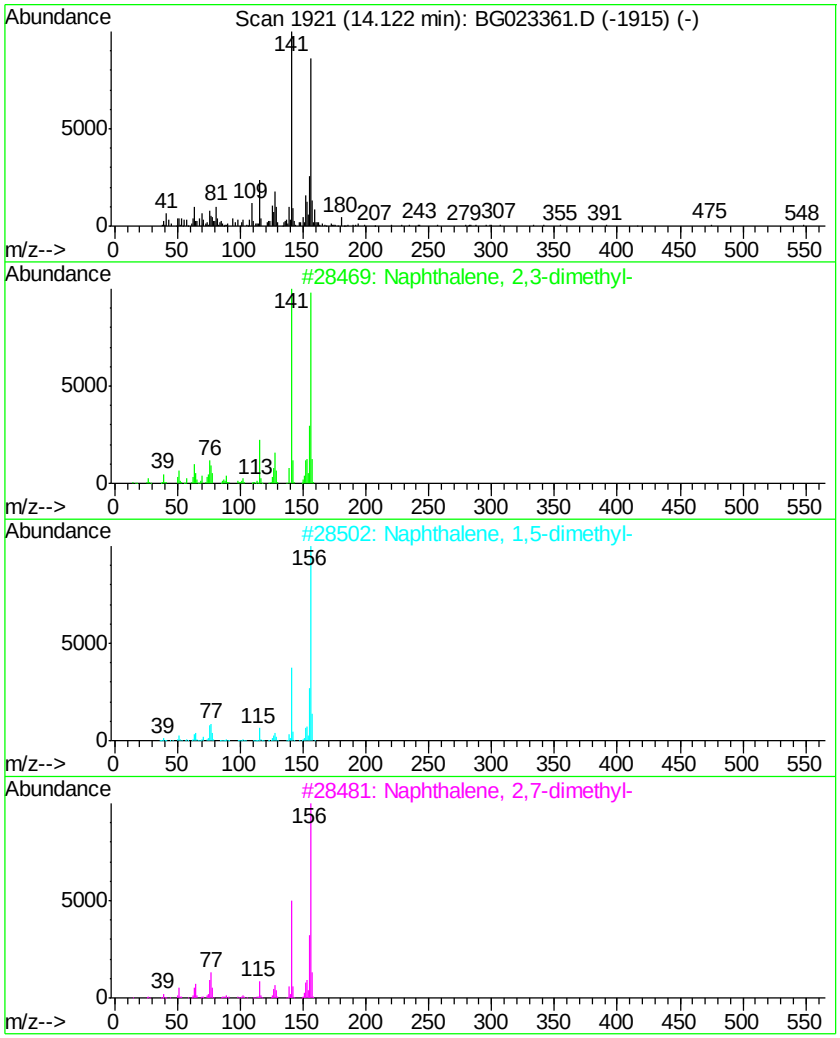
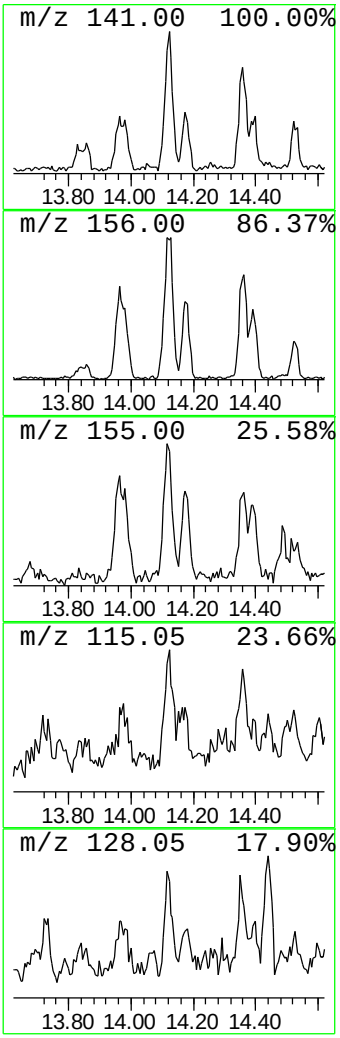
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.92 ng	492655	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93





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Instrument : BNA_G
ClientSampleId : GW-23-12.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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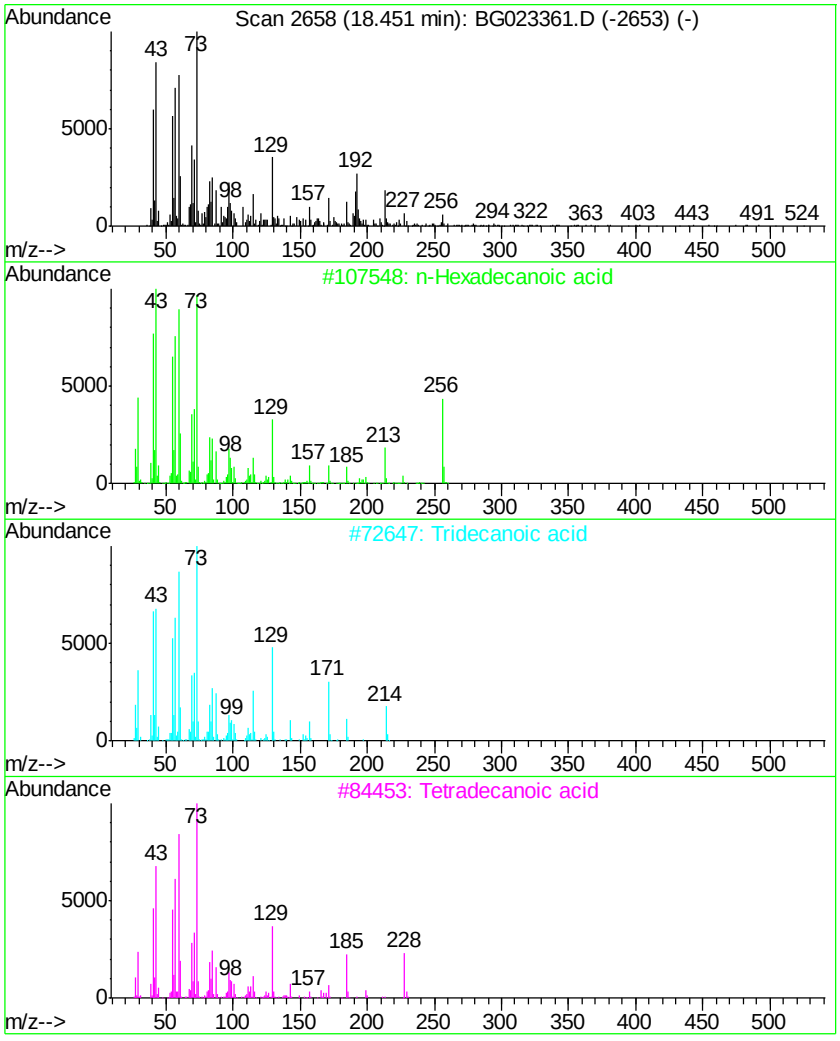
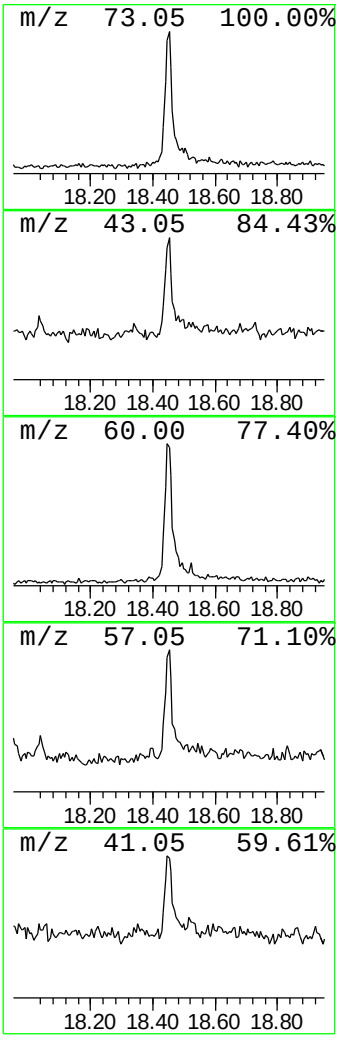
Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	9.26 ng	1278980	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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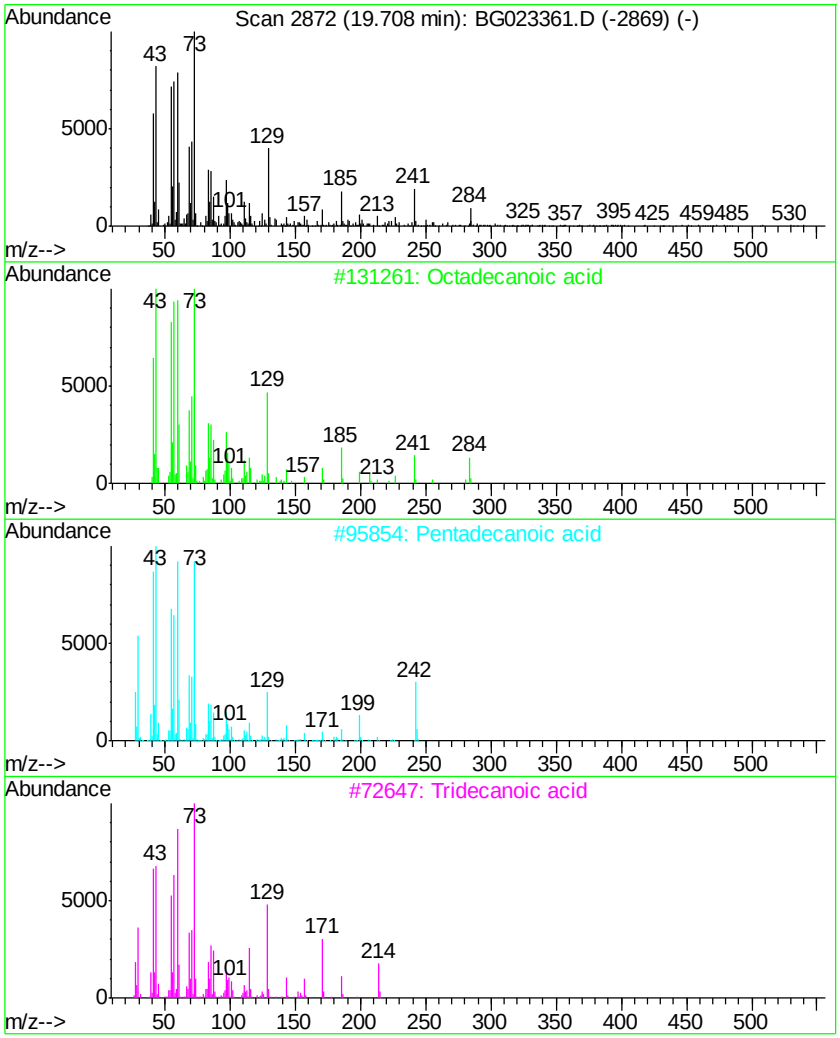
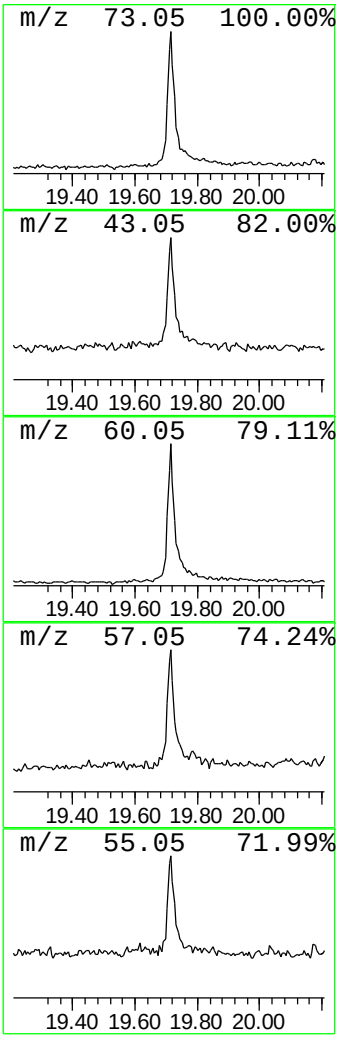
Peak Number 8 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	9.63 ng	1330730	Phenanthrene-d10	17.57

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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.19	10.2	ng	578332	1	8.14	1135980	20.0
unknown7.67	7.67	93.0	ng	5284240	1	8.14	1135980	20.0
unknown12.99	12.99	2.3	ng	394214	3	14.80	3373940	20.0
Propanol, [(butox...	13.95	2.7	ng	448064	3	14.80	3373940	20.0
Naphthalene, 2,3-...	14.12	2.9	ng	492655	3	14.80	3373940	20.0
n-Hexadecanoic acid	18.45	9.3	ng	1278980	4	17.57	2763870	20.0
Octadecanoic acid	19.71	9.6	ng	1330730	4	17.57	2763870	20.0