LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023439.D
Acq On : 4 Aug 2016 00:02
Operator : UM/SJ
Sample : H4288-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-67-14.0-15.0

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-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	2.994	21	26	41	rBV	5682056	8470413	86.01%	13.863%
2	3.141	46	51	61	rVB2	68191	131101	1.33%	0.215%
3	5.179	392	398	408	rBV	641987	991272	10.07%	1.622%
4	5.661	471	480	492	rBV	2270621	3658817	37.15%	5.988%
5	7.276	745	755	769	rBV	2302568	4176390	42.41%	6.835%
6	7.646	810	818	831	rBV	2230319	3895410	39.55%	6.375%
7	8.116	892	898	904	rBV	356870	637822	6.48%	1.044%
8	8.445	947	954	962	rBV	1531816	2660882	27.02%	4.355%
9	9.291	1091	1098	1114	rBV	1402909	2557887	25.97%	4.186%
10	10.953	1371	1381	1389	rBV	540130	1007299	10.23%	1.649%
11	13.397	1789	1797	1809	rBV	3563579	5728170	58.16%	9.375%
12	14.220	1930	1937	1944	rBV	556502	830546	8.43%	1.359%
13	14.784	2026	2033	2041	rVB2	968057	1605547	16.30%	2.628%
14	16.276	2281	2287	2298	rBV	4036072	6271874	63.69%	10.265%
15	16.470	2316	2320	2330	rVB	84910	141112	1.43%	0.231%
16	17.539	2495	2502	2511	rBV2	1509874	2396810	24.34%	3.923%
17	18.408	2643	2650	2661	rBV	303933	528715	5.37%	0.865%
18	19.683	2862	2867	2873	rBV2	127709	202065	2.05%	0.331%
19	20.153	2940	2947	2953	rBV	7167511	9848160	100.00%	16.117%
20	21.463	3165	3170	3179	rBV6	105523	285167	2.90%	0.467%
21	21.856	3230	3237	3244	rBV	1516308	2623371	26.64%	4.293%
22	25.228	3801	3811	3823	rBV2	794414	2453713	24.92%	4.016%

Sum of corrected areas: 61102543

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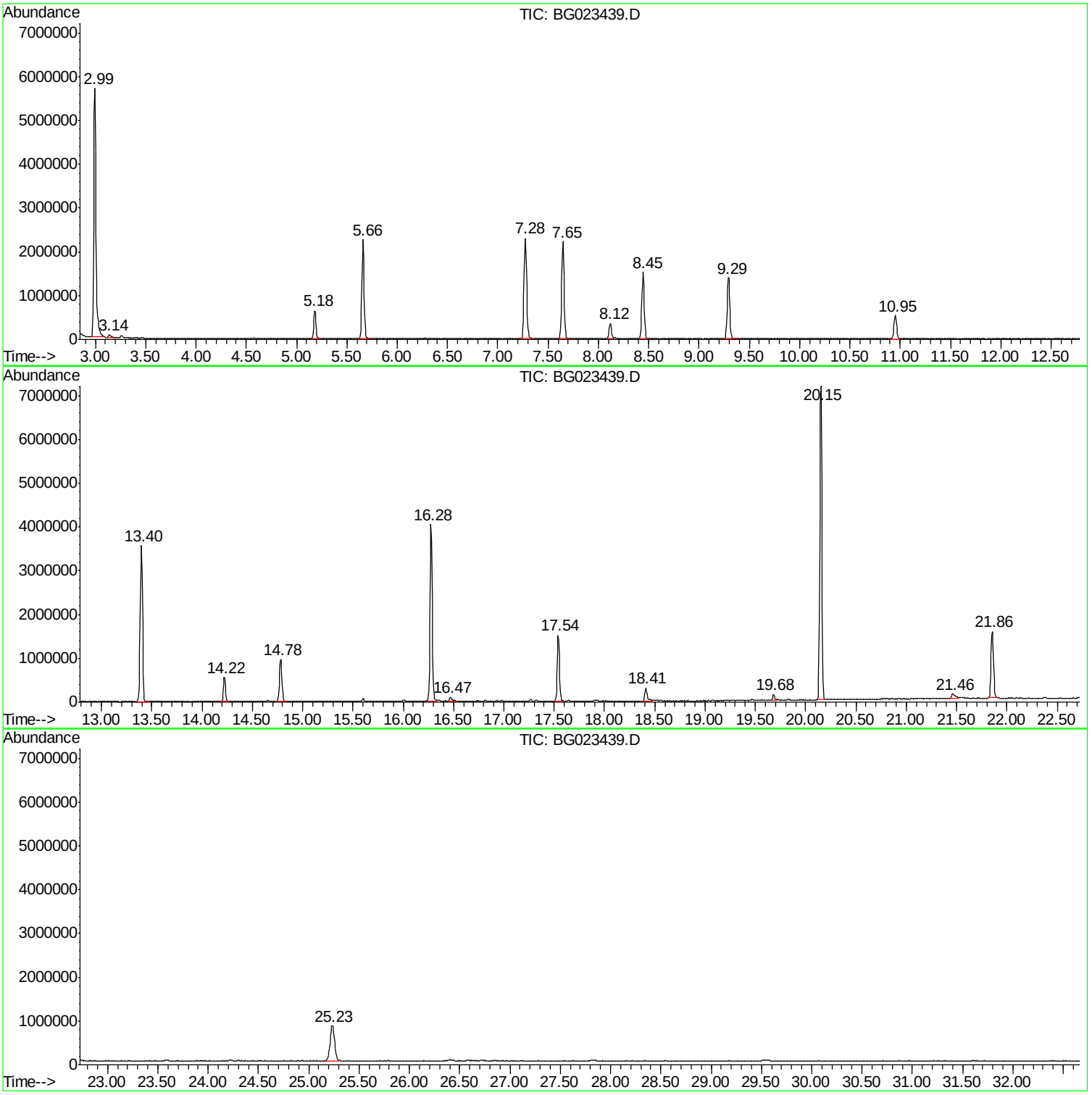
BNA_G
ClientSampleId :
SB-67-14.0-15.0

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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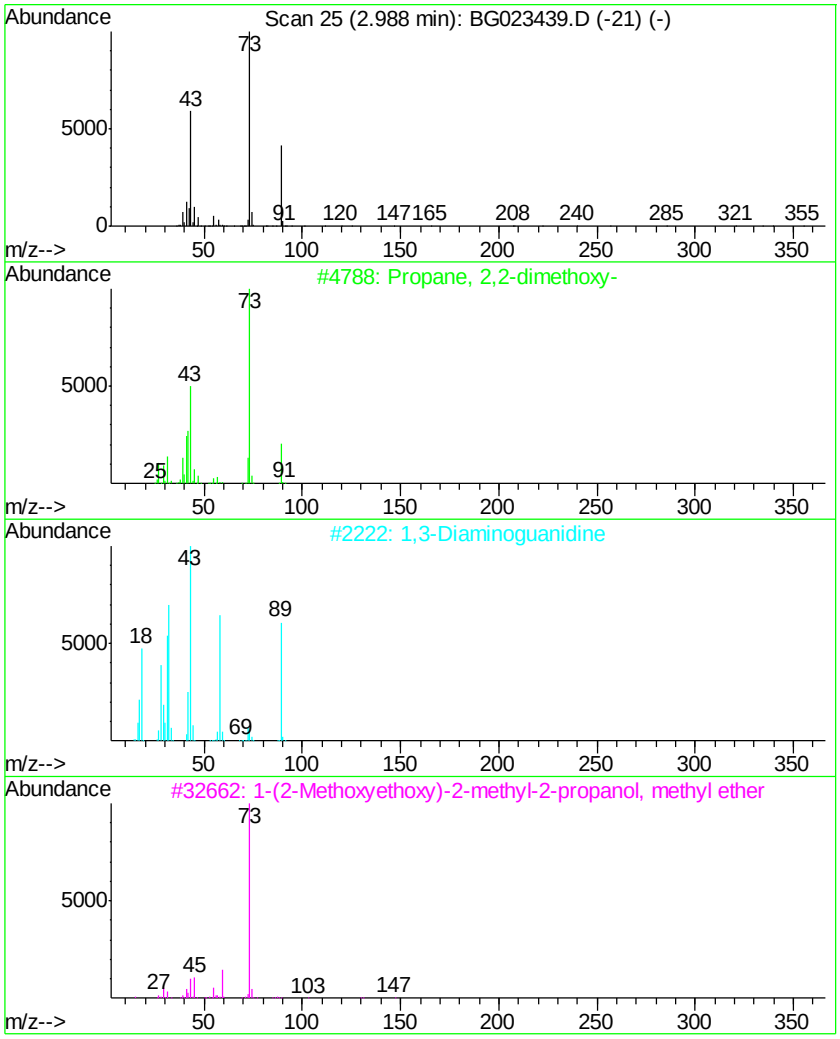
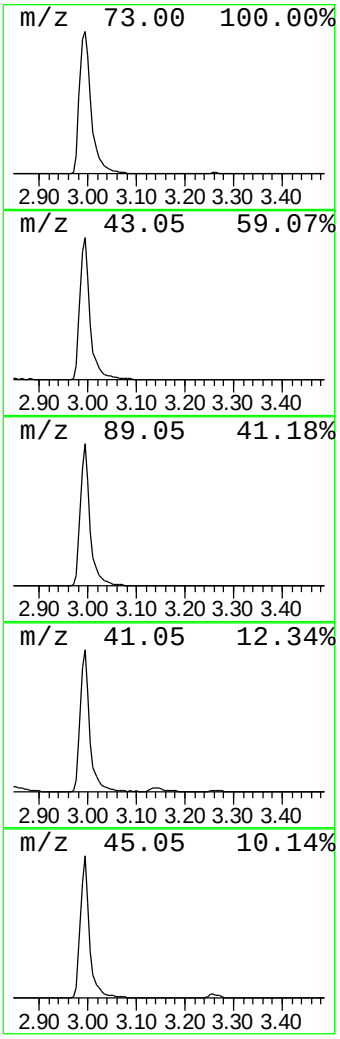
Peak Number 1 unknown2.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	265.60 ng	8470410	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	23
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	1-Propanol, 2-methyl-2-nitro-	119	C4H9NO3	000076-39-1	9





Library Search Compound Report

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Operator : UM/SJ
Sample : H4288-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-67-14.0-15.0

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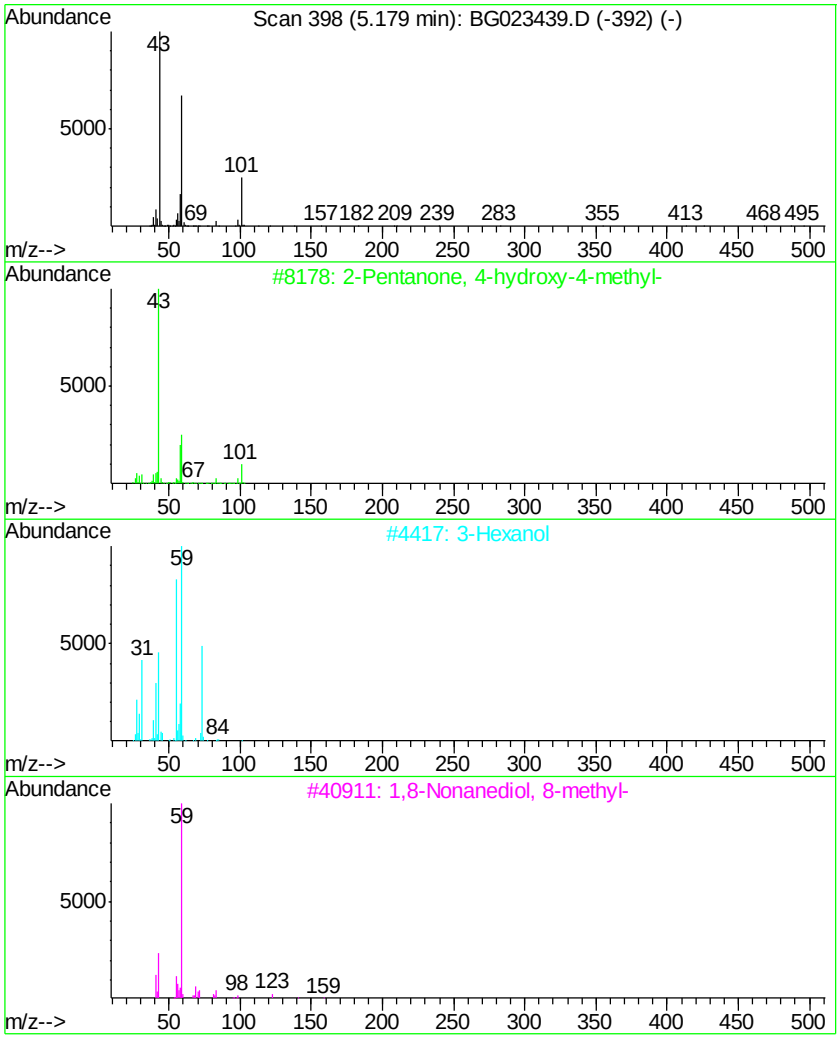
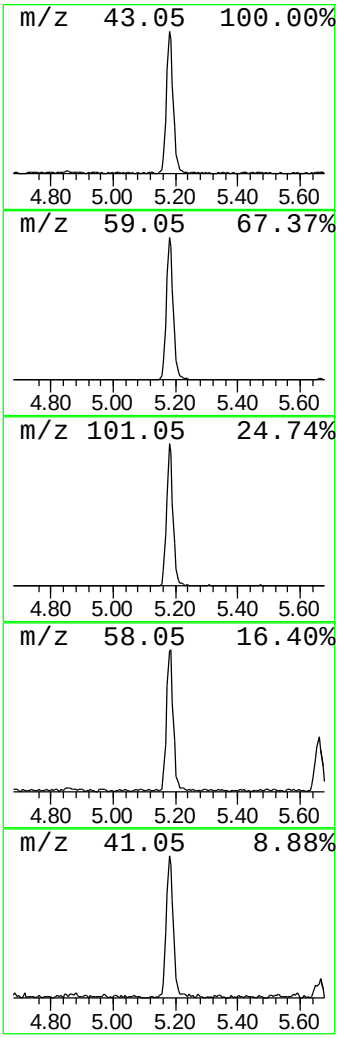
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	31.08 ng	991272	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol	102	C6H14O	000623-37-0	28
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Sample : H4288-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-67-14.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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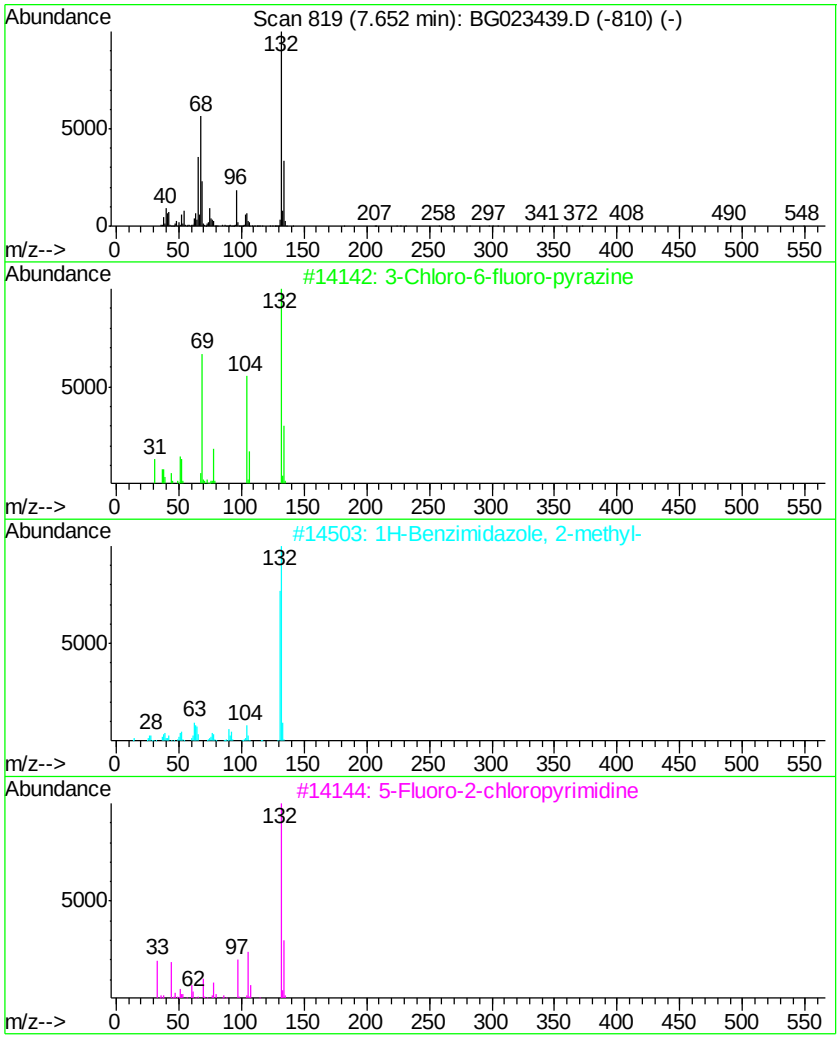
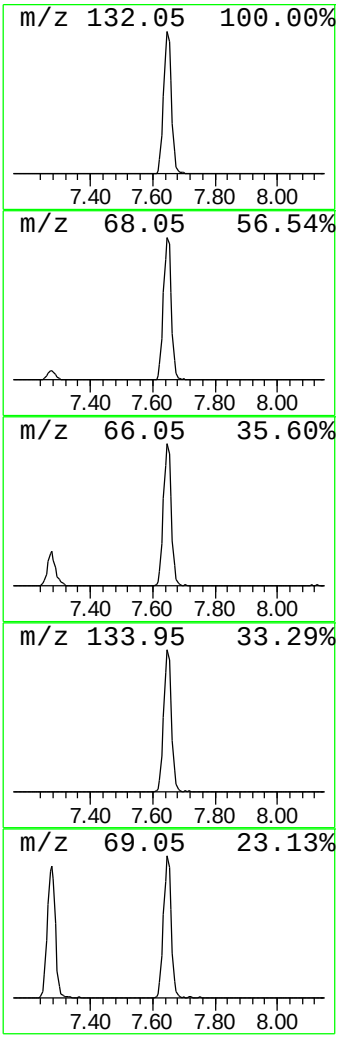
Peak Number 4 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	122.15 ng	3895410	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
5	Amphetaminil	250	C17H18N2	017590-01-1	10





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-67-14.0-15.0

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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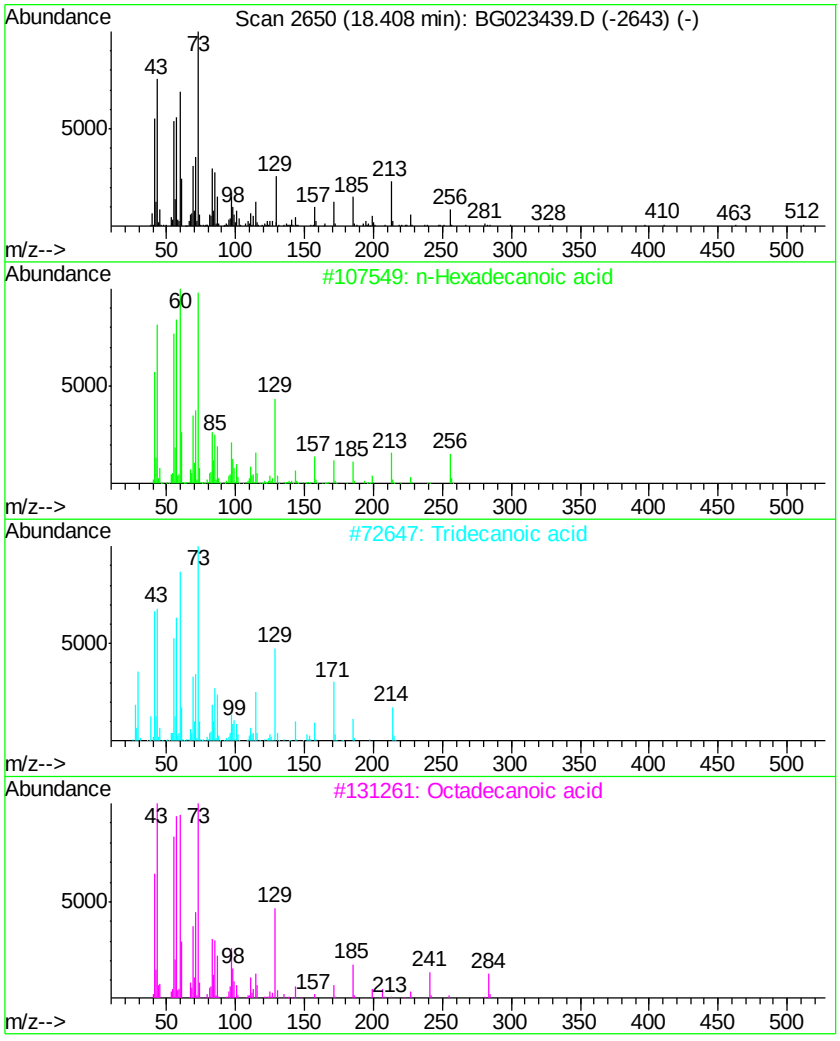
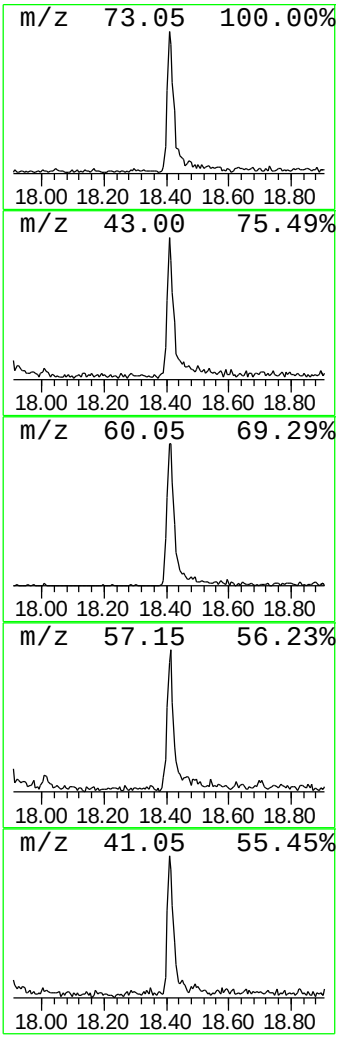
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	4.41 ng	528715	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	60
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-67-14.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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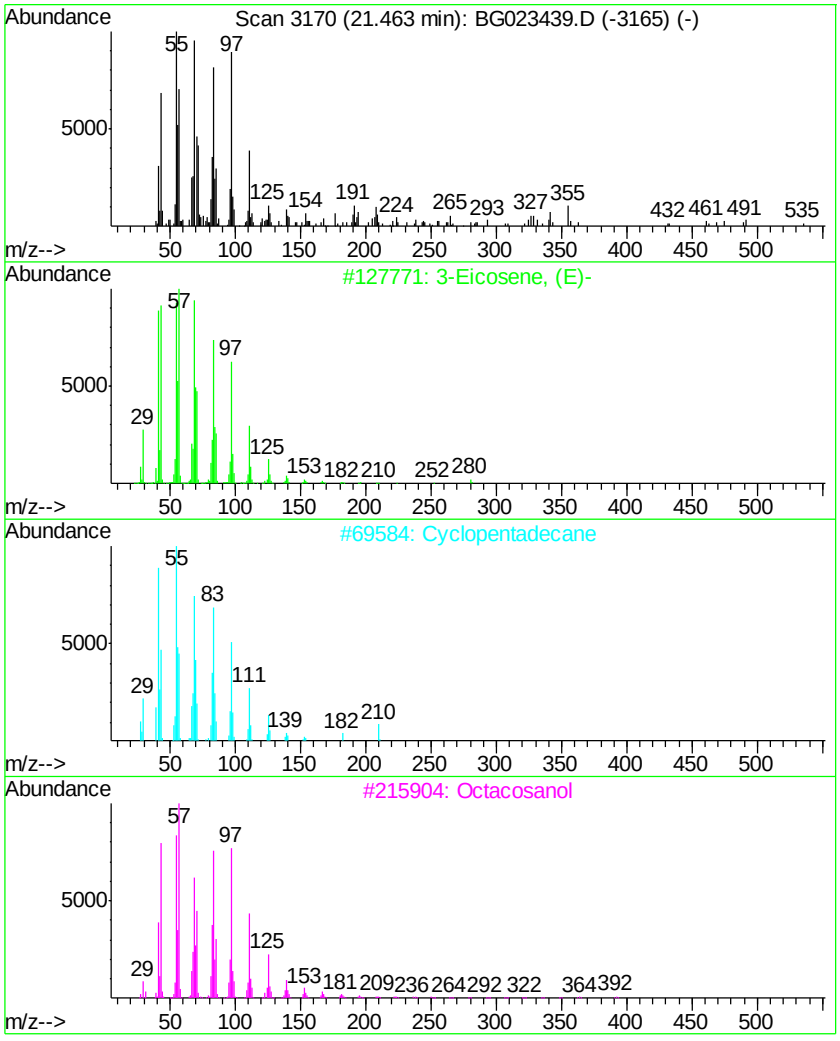
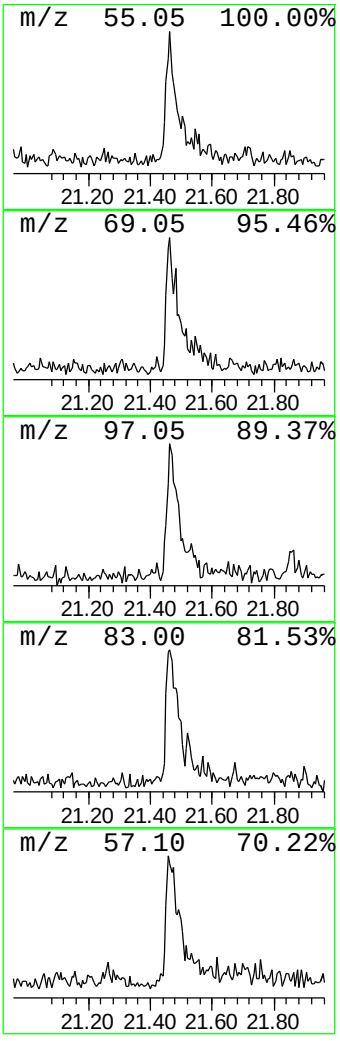
Peak Number 7 3-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	2.17 ng	285167	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
2	Cyclopentadecane	210	C15H30	000295-48-7	72
3	Octacosanol	410	C28H58O	000557-61-9	70
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	68
5	1-Heneicosanol	312	C21H44O	015594-90-8	68





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.99	2.99	265.6	ng	8470410	1	8.12	637822	20.0
2-Pentanone, 4-hy...	5.18	31.1	ng	991272	1	8.12	637822	20.0
unknown7.65	7.65	122.2	ng	3895410	1	8.12	637822	20.0
n-Hexadecanoic acid	18.41	4.4	ng	528715	4	17.54	2396810	20.0
3-Eicosene, (E)-	21.46	2.2	ng	285167	5	21.86	2623370	20.0