LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
Data File : BG024616.D
Acq On : 2 Nov 2016 7:01
Operator : UM/SJ
Sample : H5489-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-68-8.5-9.0

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	2.982	18	24	36	rVB2	360005	1022159	7.77%	1.368%
2	3.129	43	49	68	rVB	6906636	13159778	100.00%	17.611%
3	3.276	68	74	86	rVB	391205	937555	7.12%	1.255%
4	5.332	418	424	431	rBV	586470	983657	7.47%	1.316%
5	5.797	496	503	512	rBV	2648122	4577005	34.78%	6.125%
6	7.406	769	777	786	rBV	2875298	5084421	38.64%	6.804%
7	7.794	834	843	852	rBV	2729782	4815607	36.59%	6.444%
8	8.270	917	924	937	rVB2	453395	851267	6.47%	1.139%
9	8.593	970	979	988	rBV	2008117	3599467	27.35%	4.817%
10	9.445	1116	1124	1134	rBV	1731622	3192873	24.26%	4.273%
11	11.096	1397	1405	1415	rBV	582584	1123249	8.54%	1.503%
12	13.511	1808	1816	1822	rBV	4029634	6587726	50.06%	8.816%
13	14.322	1947	1954	1960	rVB	938547	1427636	10.85%	1.911%
14	14.880	2041	2049	2056	rBV	941003	1548538	11.77%	2.072%
15	16.366	2295	2302	2312	rBV	4040367	6288529	47.79%	8.415%
16	16.543	2326	2332	2341	rBV2	91364	169490	1.29%	0.227%
17	17.624	2510	2516	2527	rVB2	1265489	1981641	15.06%	2.652%
18	18.470	2653	2660	2670	rBV3	144936	254492	1.93%	0.341%
19	20.203	2949	2955	2965	rBV	7930834	10984826	83.47%	14.700%
20	21.502	3169	3176	3188	rBV3	228847	468913	3.56%	0.628%
21	21.919	3240	3247	3255	rVB	1641887	2844391	21.61%	3.806%
22	25.344	3819	3830	3841	rVB	926023	2822457	21.45%	3.777%

Sum of corrected areas: 74725677

LSC Report - Integrated Chromatogram

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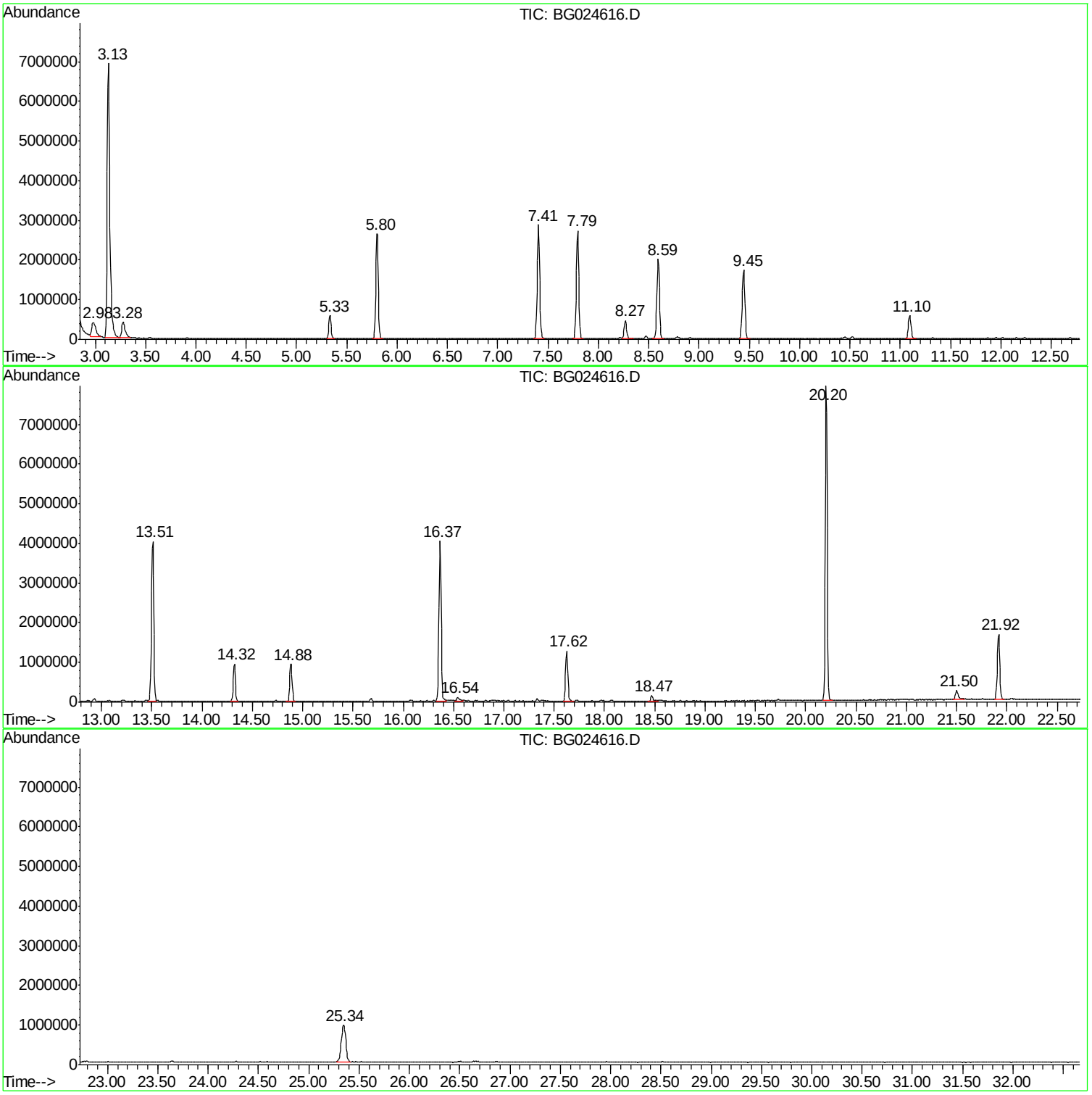
Instrument : BNA_G
ClientSampleId : SB-68-8.5-9.0

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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Acq On : 2 Nov 2016 7:01
Operator : UM/SJ
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ClientSampleId : SB-68-8.5-9.0

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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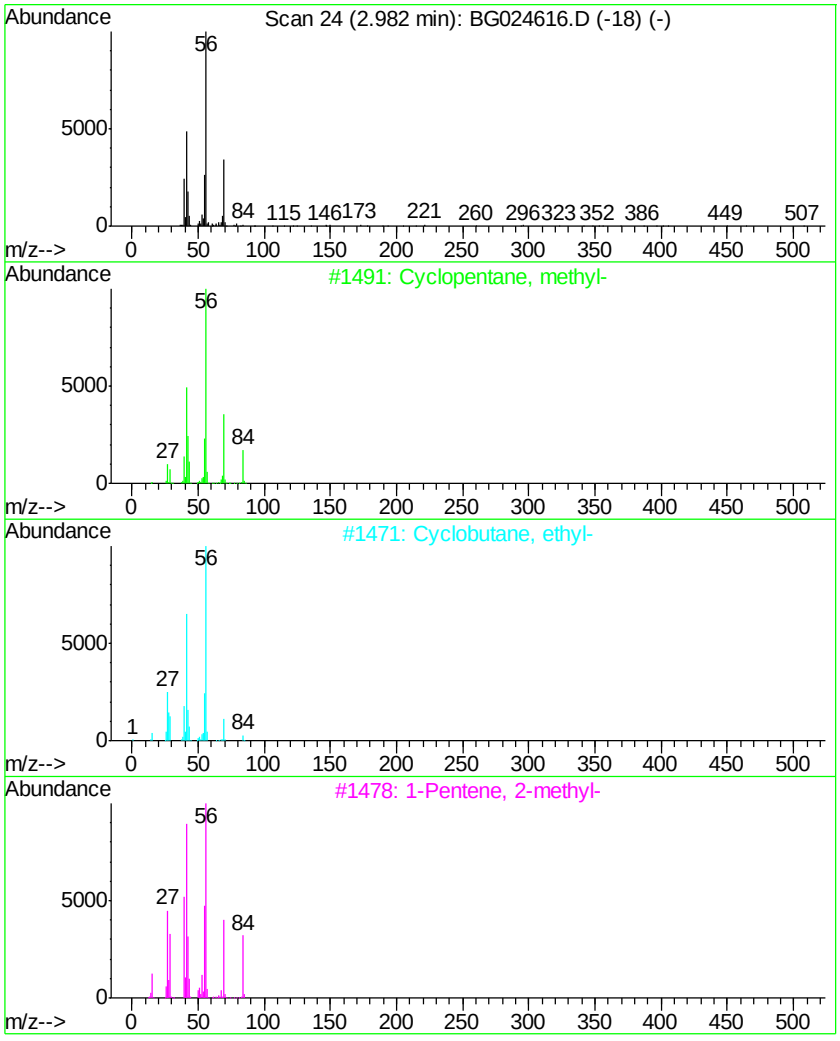
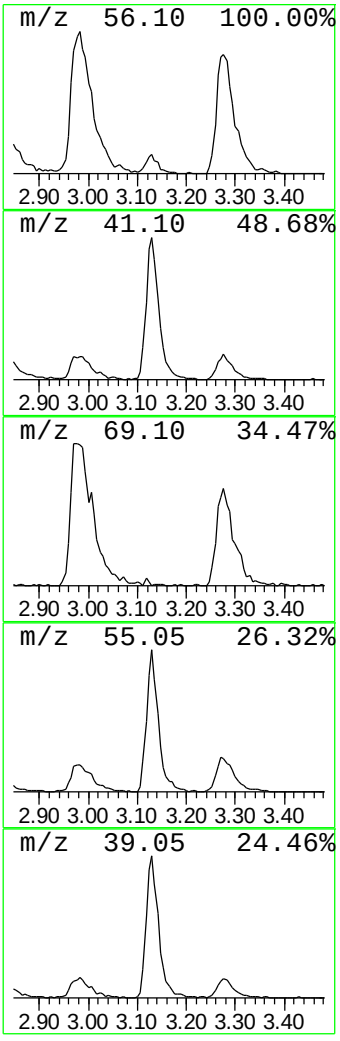
Peak Number 1 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	24.02 ng	1022160	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	56
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
4	Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	43
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	40





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Operator : UM/SJ
Sample : H5489-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-68-8.5-9.0

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
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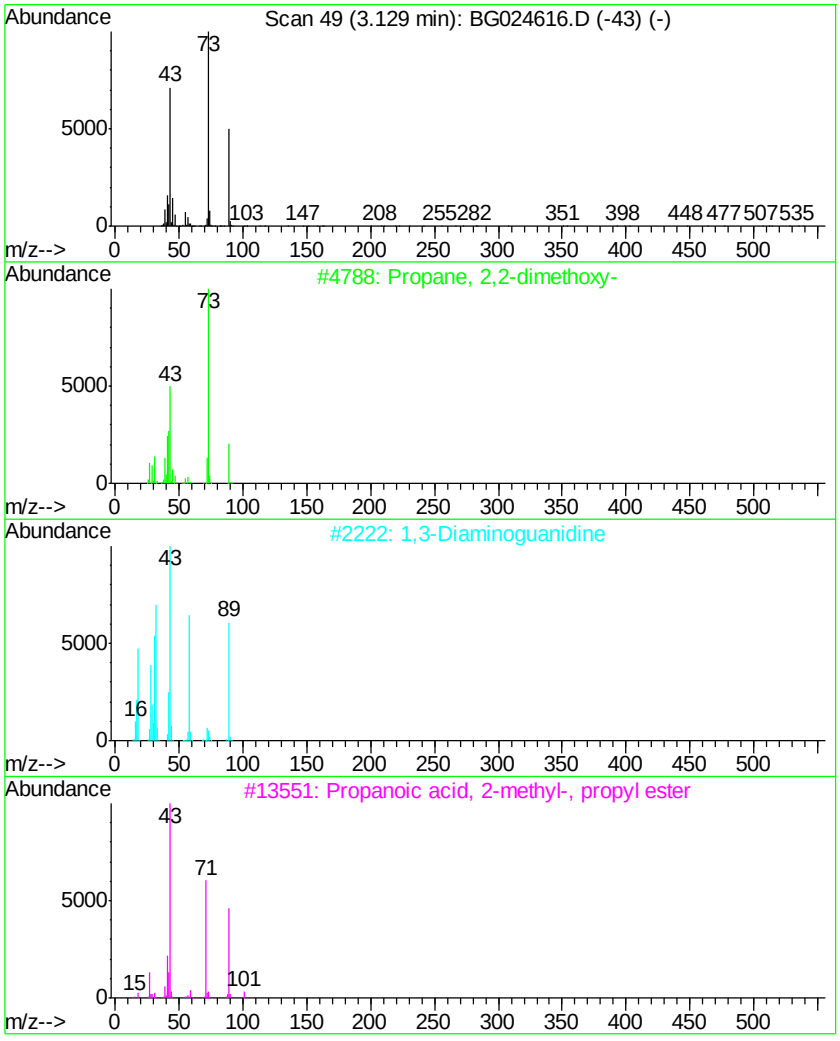
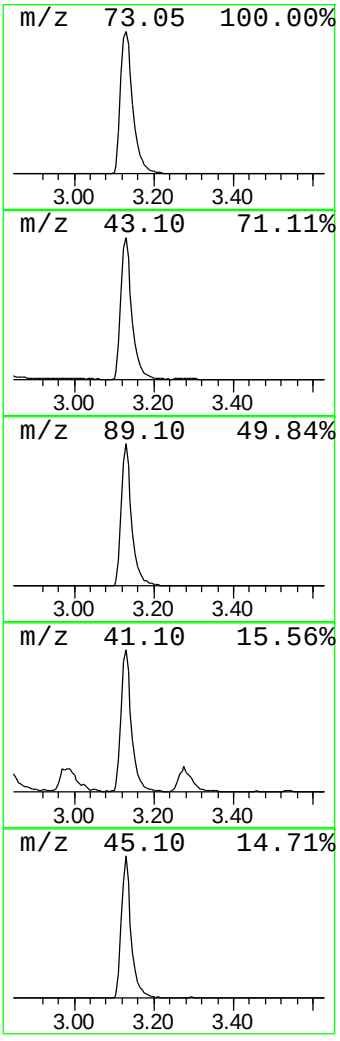
Peak Number 2 unknown3.13 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	309.18 ng	13159800	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	28
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
4	Ethylamine	45	C2H7N	000075-04-7	5
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





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Data File : BG024616.D
Acq On : 2 Nov 2016 7:01
Operator : UM/SJ
Sample : H5489-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-68-8.5-9.0

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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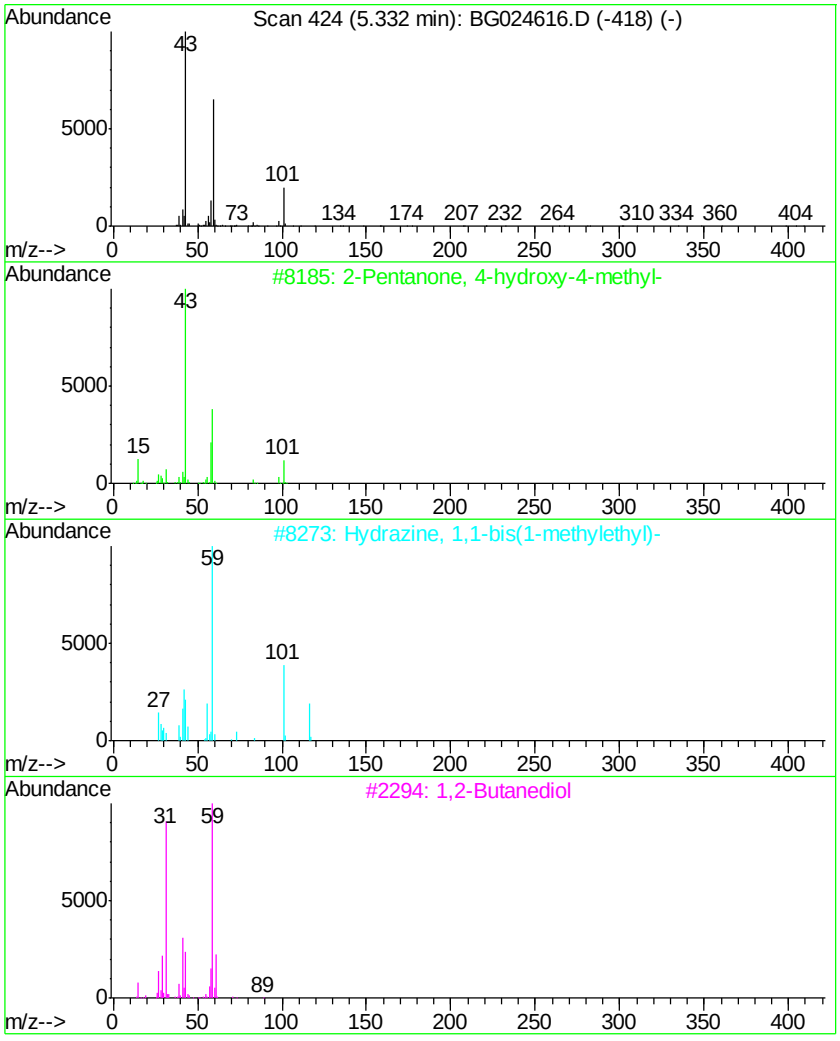
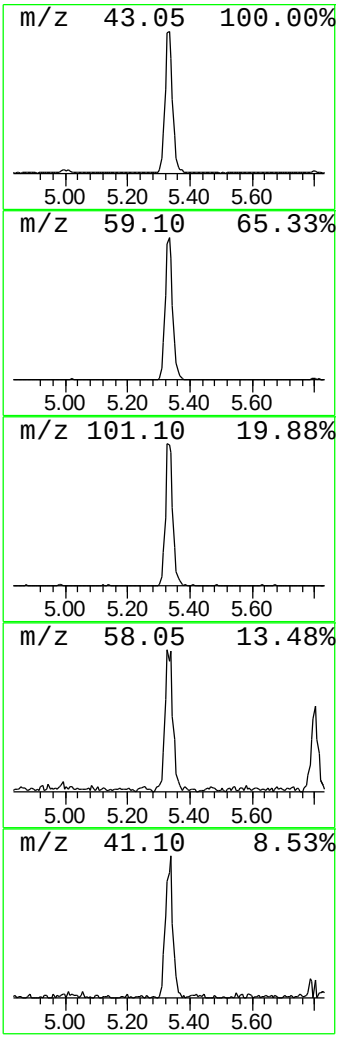
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	23.11 ng	983657	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	1,2-Butanediol	90	C4H10O2	000584-03-2	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	17





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Sample : H5489-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-68-8.5-9.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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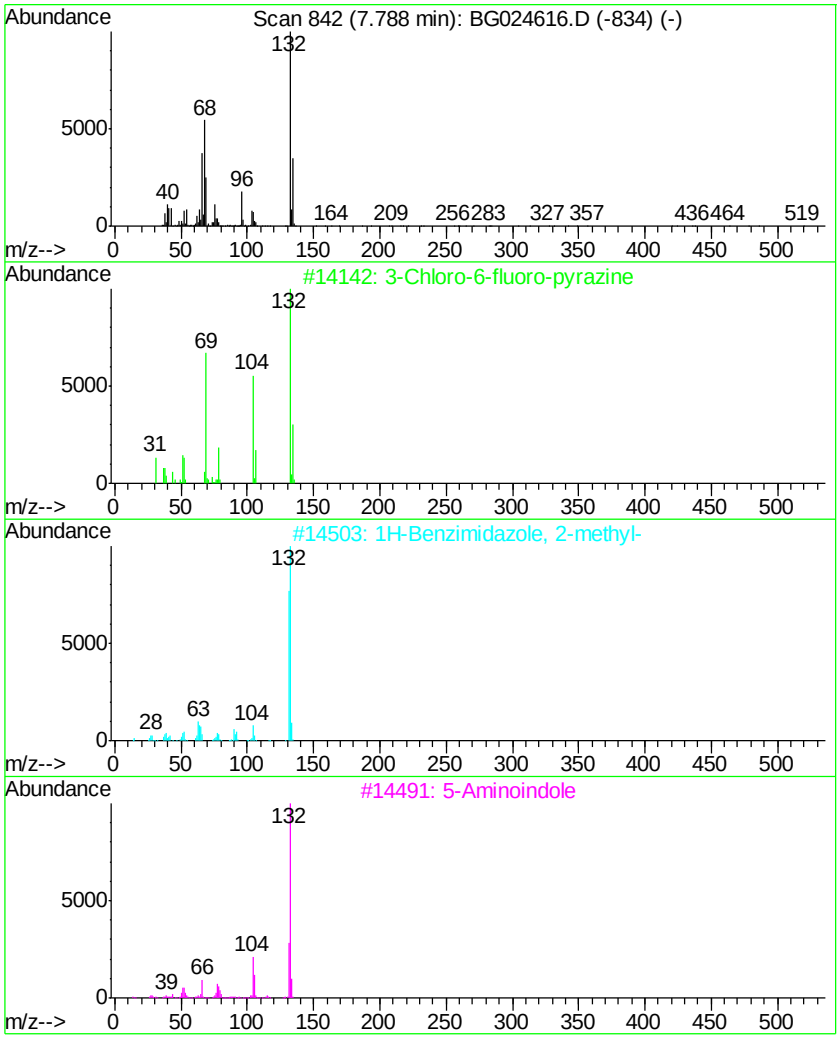
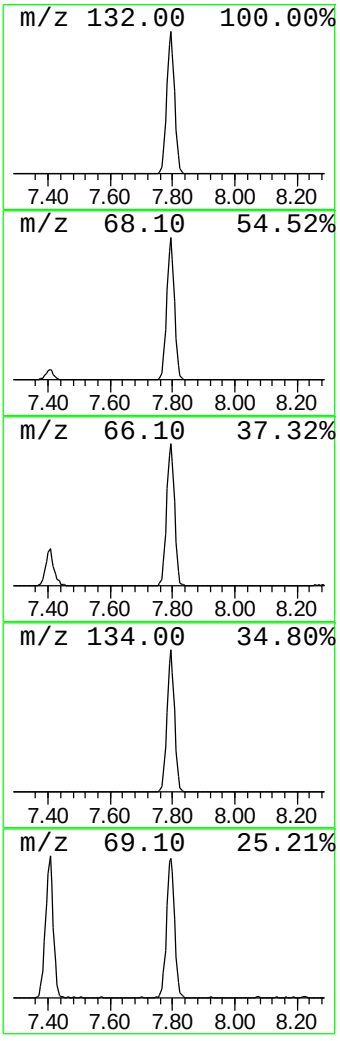
Peak Number 5 unknown7.79 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	113.14 ng	4815610	1,4-Dichlorobenzene-d4	8.27

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-Aminoindole	132	C8H8N2	005192-03-0	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





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Acq On : 2 Nov 2016 7:01
Operator : UM/SJ
Sample : H5489-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-68-8.5-9.0

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

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TIC Integration Parameters: LSCINT.P

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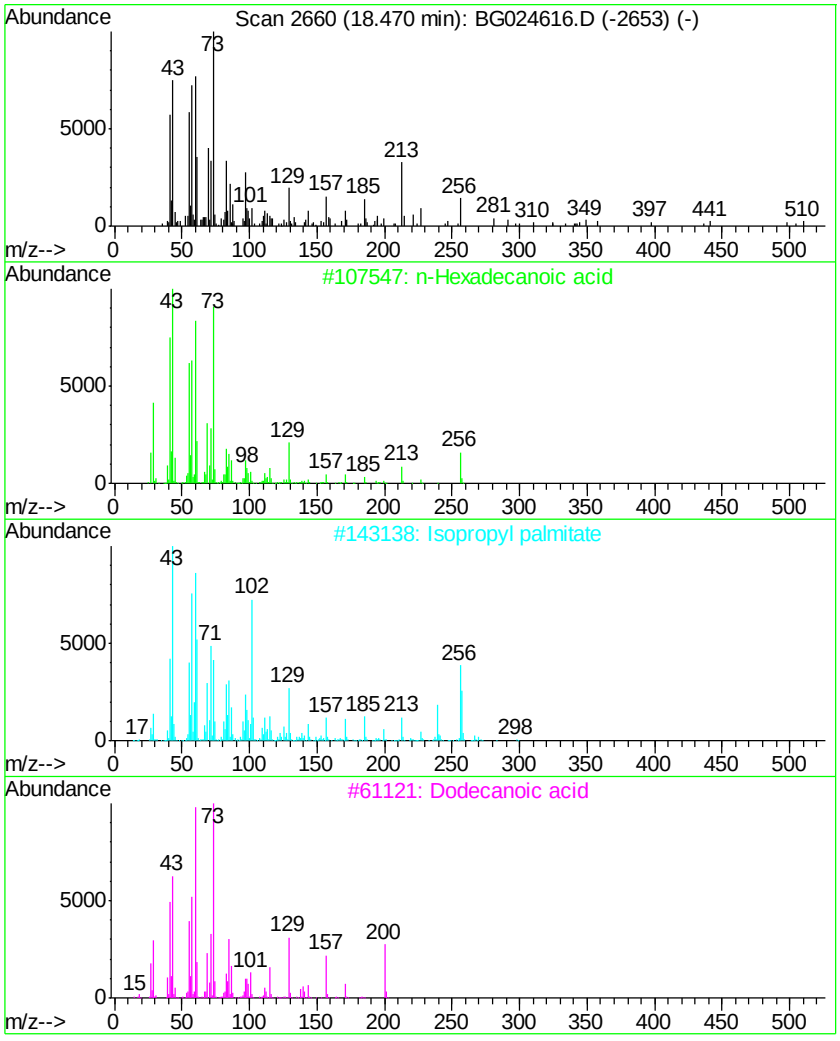
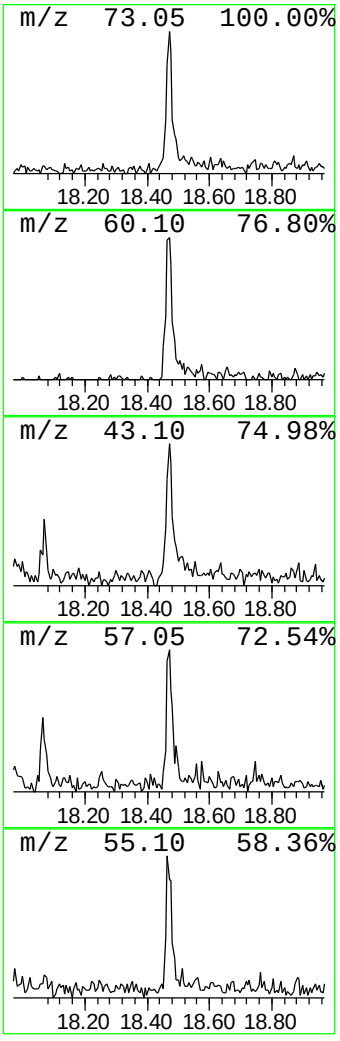
Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.57 ng	254492	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Isopropyl palmitate	298	C19H38O2	000142-91-6	64
3	Dodecanoic acid	200	C12H24O2	000143-07-7	53
4	Undecanoic acid	186	C11H22O2	000112-37-8	53
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53





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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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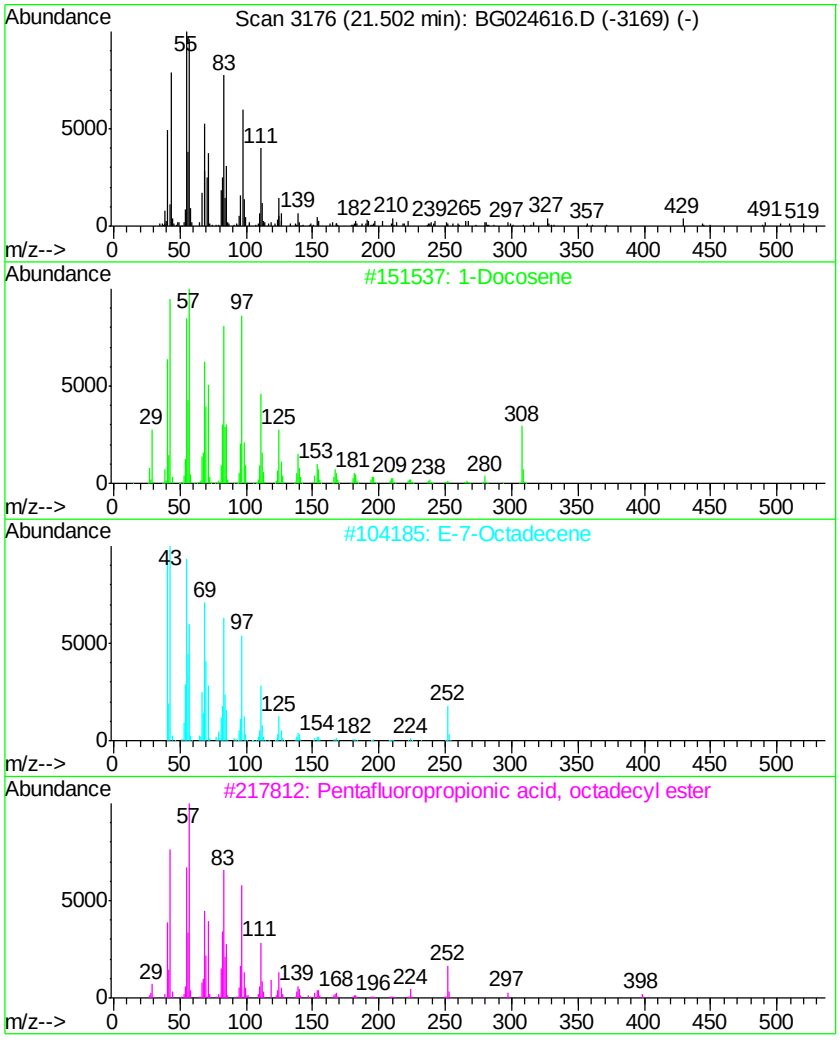
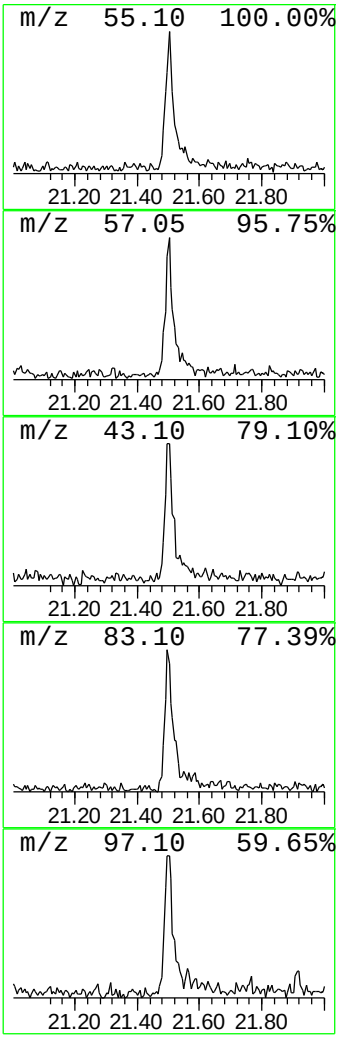
Peak Number 8 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	3.30 ng	468913	Chrysene-d12	21.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	E-7-Octadecene	252	C18H36	1000130-92-0	87
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	87
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	86
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	86





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
Cyclopentane, met...	2.98	24.0	ng	1022160	1	8.27	851267	20.0
unknown3.13	3.13	309.2	ng	13159800	1	8.27	851267	20.0
2-Pentanone, 4-hy...	5.33	23.1	ng	983657	1	8.27	851267	20.0
unknown7.79	7.79	113.1	ng	4815610	1	8.27	851267	20.0
n-Hexadecanoic acid	18.47	2.6	ng	254492	4	17.62	1981640	20.0
1-Docosene	21.50	3.3	ng	468913	5	21.92	2844390	20.0