LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022281.D
Acq On : 10 Jun 2016 5:51
Operator : UM/SJ
Sample : H3396-06
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-953-PLATFORM(0-4)

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-BG060616.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	2.880	5	7	9	rVB	2246917	1581982	65.20%	11.005%
2	3.520	112	116	123	rVB	22910	32215	1.33%	0.224%
3	4.578	290	296	308	rBV	64056	111792	4.61%	0.778%
4	5.189	395	400	408	rVB	72095	131707	5.43%	0.916%
5	5.671	474	482	498	rBV	432513	826864	34.08%	5.752%
6	7.281	747	756	773	rBV	431161	847327	34.92%	5.894%
7	7.651	810	819	833	rBV	580406	1129834	46.56%	7.859%
8	8.115	887	898	907	rBV	101210	200588	8.27%	1.395%
9	8.444	944	954	967	rBV	459766	903391	37.23%	6.284%
10	9.290	1089	1098	1112	rBV	344753	692167	28.53%	4.815%
11	10.935	1370	1378	1385	rBV	167660	353694	14.58%	2.460%
12	10.982	1385	1386	1399	rVB	26853	40806	1.68%	0.284%
13	13.368	1784	1792	1805	rBV	1152350	1984232	81.78%	13.803%
14	14.748	2019	2027	2034	rBV2	270015	472634	19.48%	3.288%
15	16.235	2273	2280	2301	rBV2	665900	1150953	47.43%	8.006%
16	17.492	2486	2494	2508	rBV	290654	500582	20.63%	3.482%
17	19.754	2875	2879	2886	rVB	50182	65045	2.68%	0.452%
18	20.083	2928	2935	2950	rBV	1718651	2426420	100.00%	16.879%
19	20.794	3051	3056	3061	rVB2	34156	44809	1.85%	0.312%
20	21.764	3214	3221	3238	rBV2	251105	506502	20.87%	3.523%
21	25.066	3771	3783	3798	rBV4	95912	371910	15.33%	2.587%

Sum of corrected areas: 14375454

LSC Report - Integrated Chromatogram

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Operator : UM/SJ
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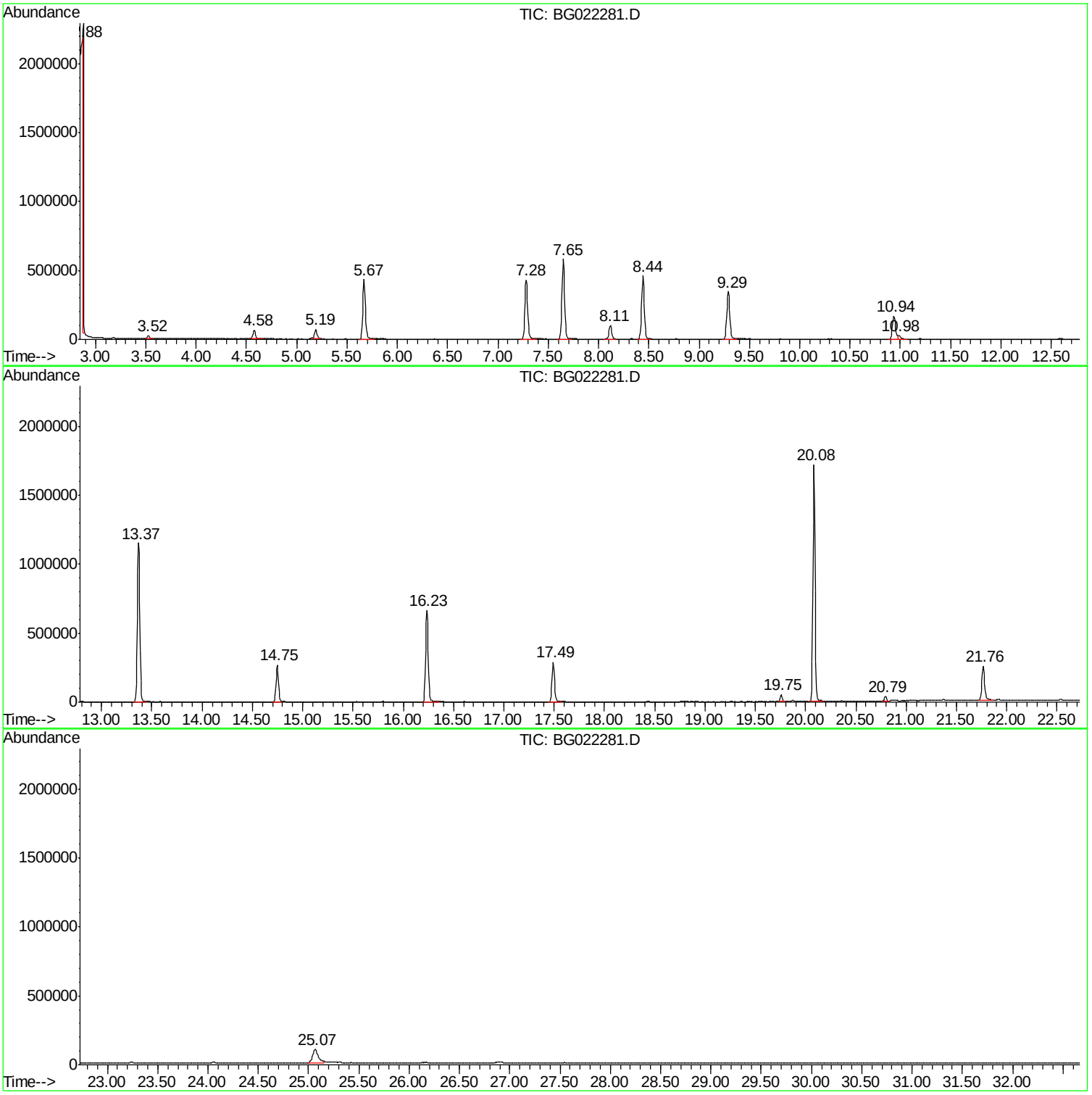
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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Data File : BG022281.D
Acq On : 10 Jun 2016 5:51
Operator : UM/SJ
Sample : H3396-06
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

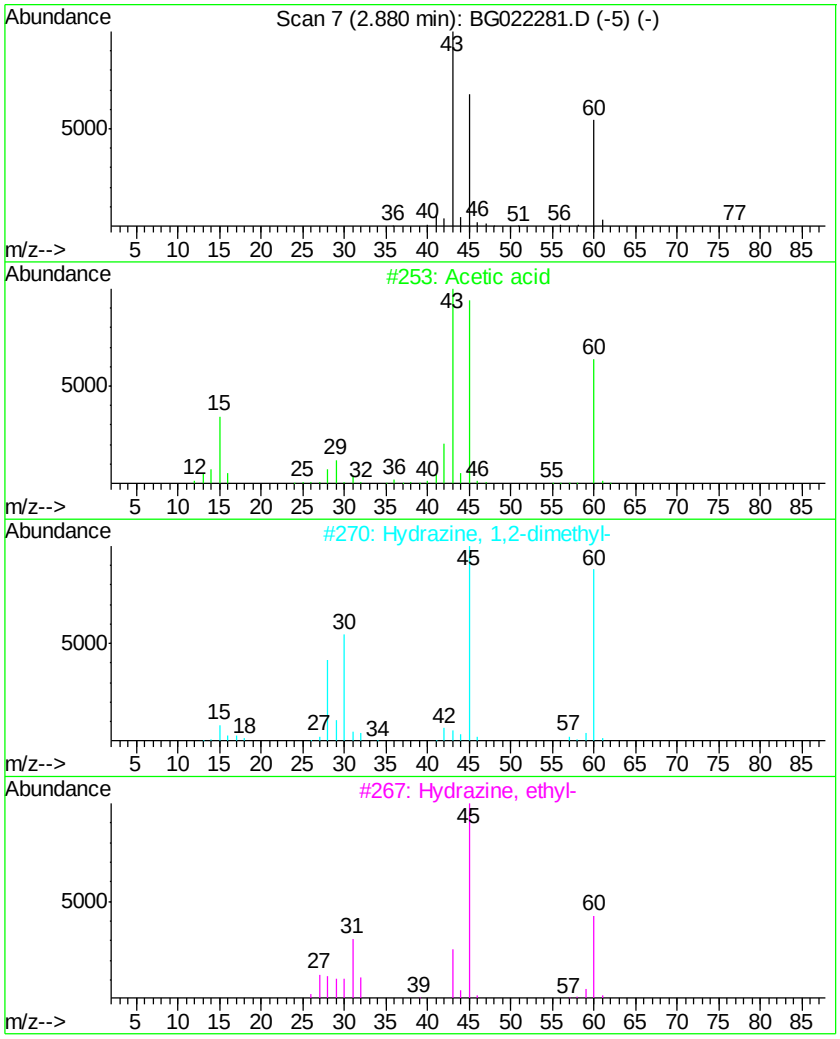
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

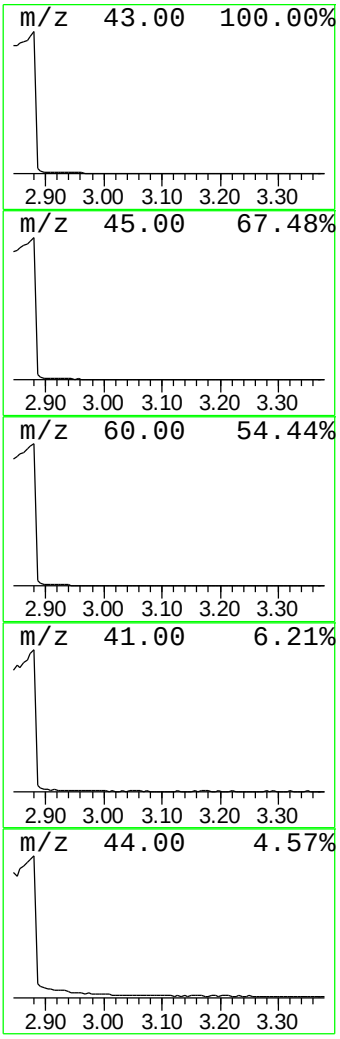
****

Peak Number 1 Acetic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	157.73 ng	1581980	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid	60	C2H4O2	000064-19-7	72
2	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	64
3	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9
4	Thiirane	60	C2H4S	000420-12-2	9
5	Acetic acid, anhydride with form...	88	C3H4O3	002258-42-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022281.D
Acq On : 10 Jun 2016 5:51
Operator : UM/SJ
Sample : H3396-06
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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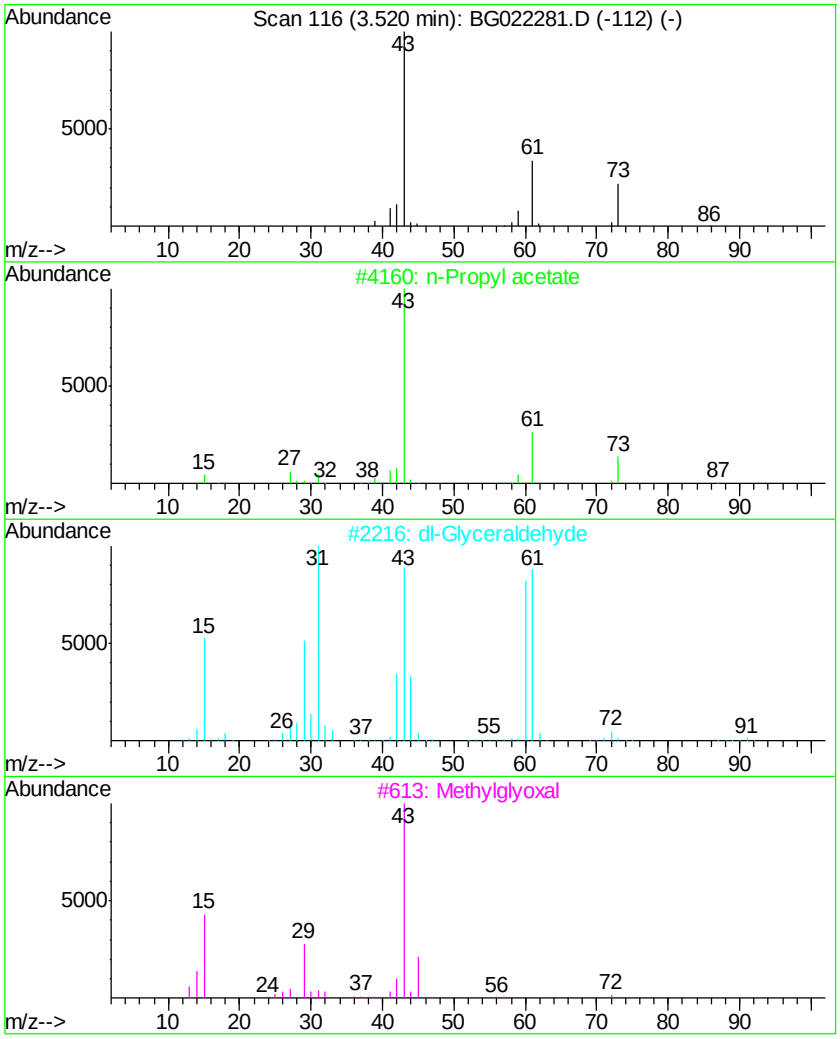
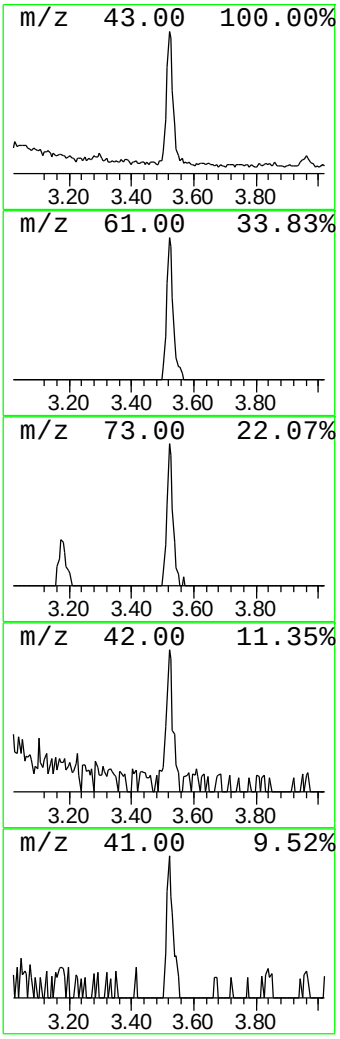
Peak Number 2 n-Propyl acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.52	3.21 ng	32215	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	dl-Glyceraldehyde	90	C3H6O3	000056-82-6	9
3	Methylglyoxal	72	C3H4O2	000078-98-8	4
4	Isobutylamine	73	C4H11N	000078-81-9	4
5	Ethanamine, N-ethyl-	73	C4H11N	000109-89-7	4





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Data File : BG022281.D
Acq On : 10 Jun 2016 5:51
Operator : UM/SJ
Sample : H3396-06
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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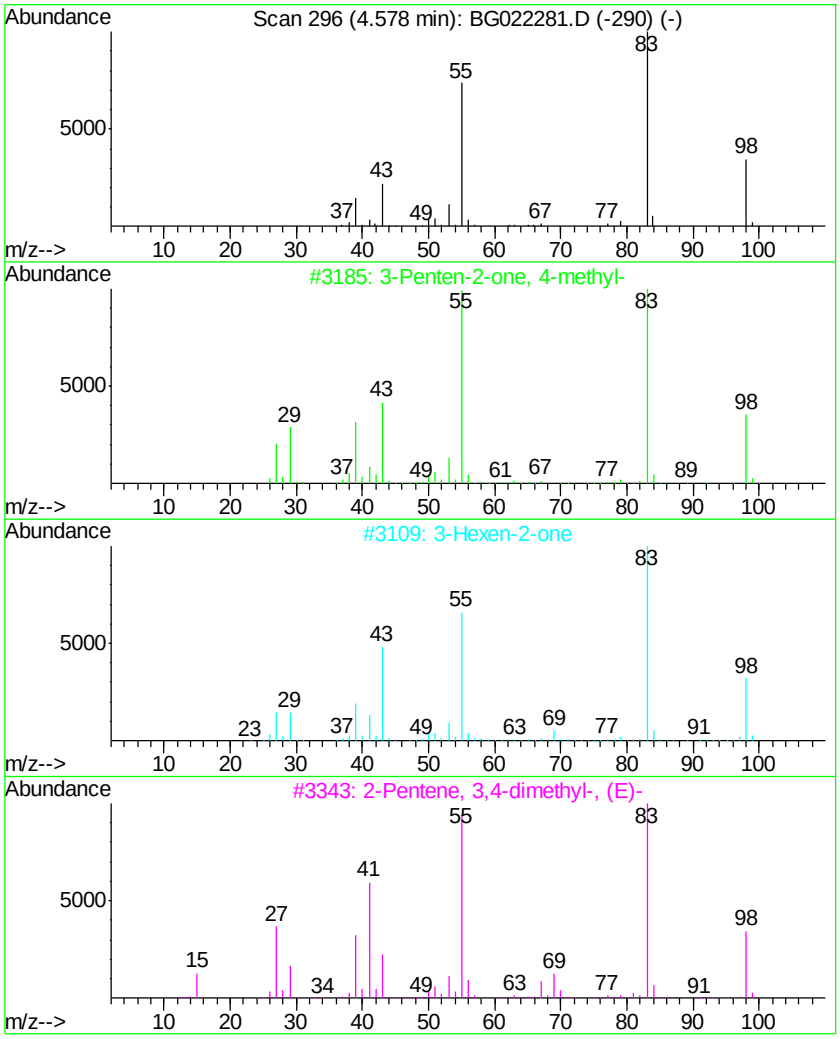
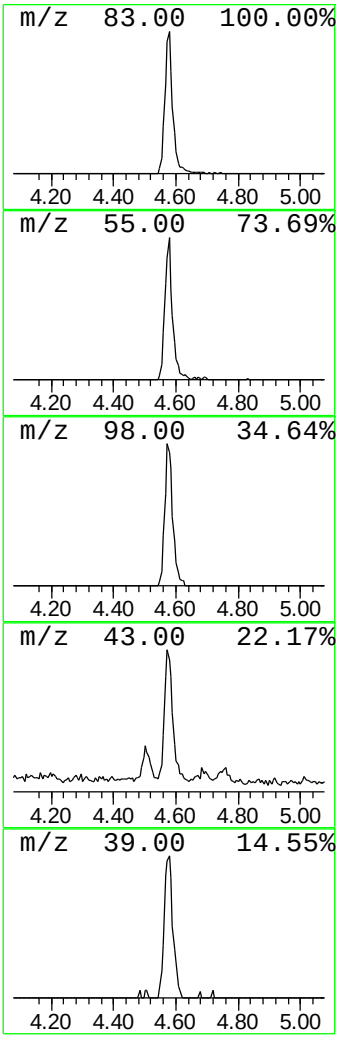
Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	11.15 ng	111792	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78
5	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	72





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Misc :
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Instrument : BNA_G
ClientSampleId : STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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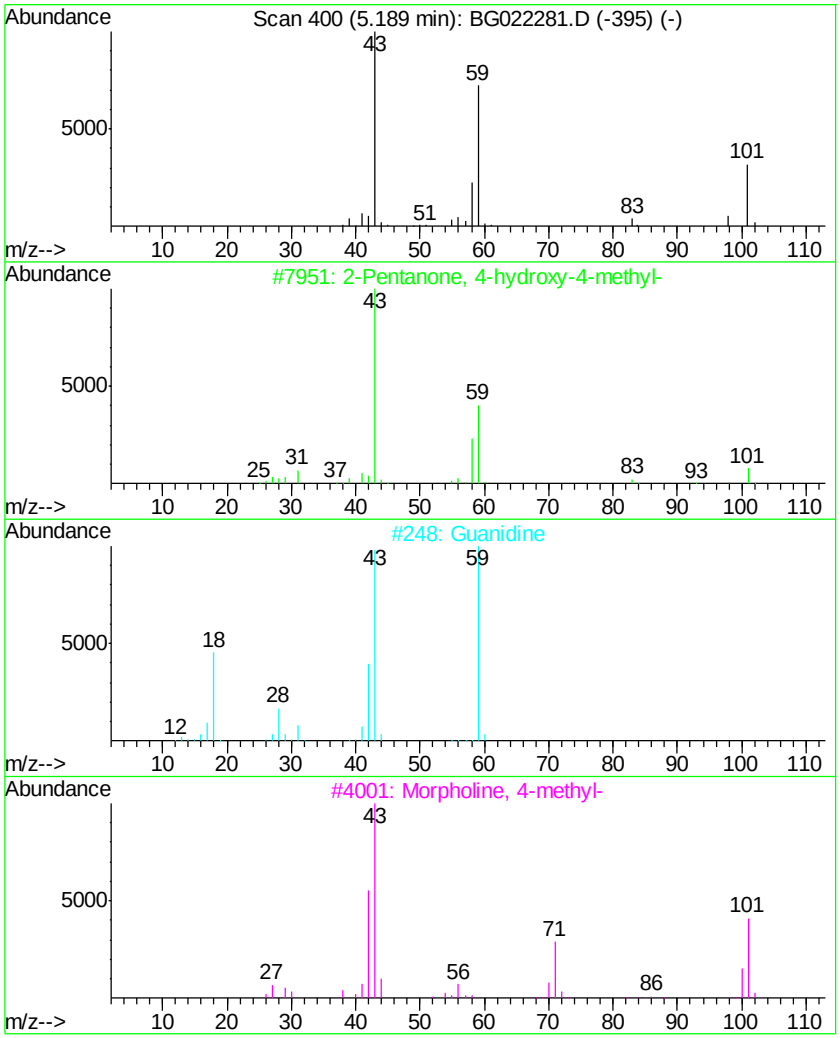
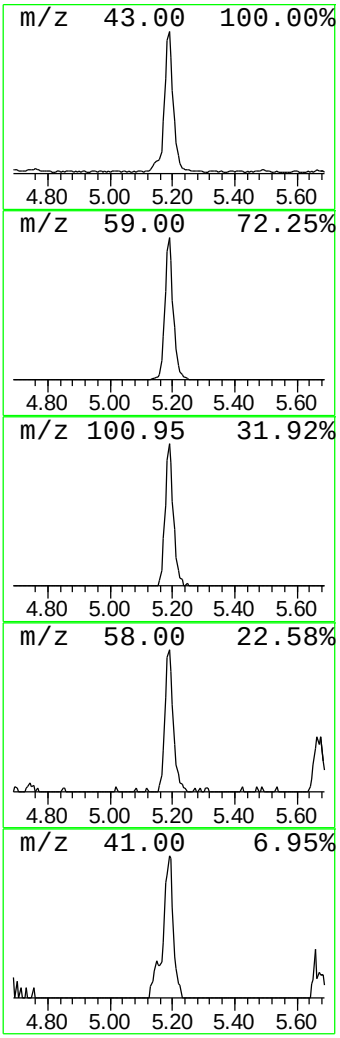
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	13.13 ng	131707	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Guanidine	59	CH5N3	000113-00-8	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Misc :
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Instrument : BNA_G
ClientSampleId : STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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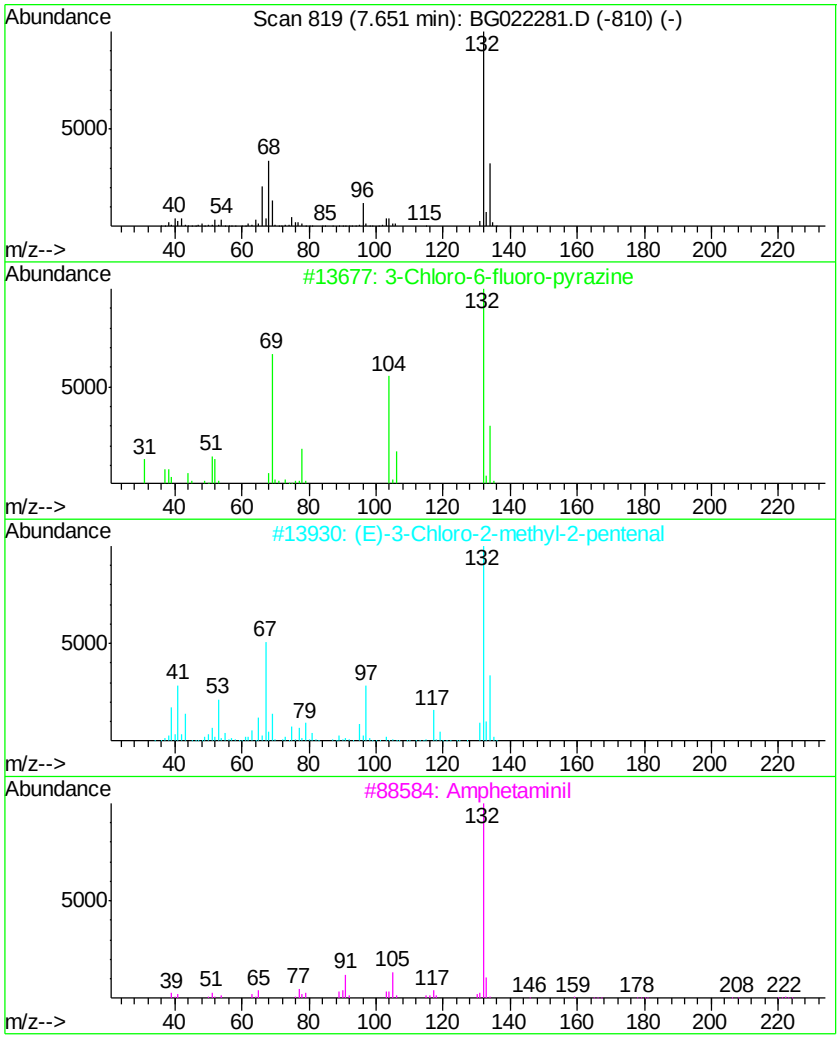
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

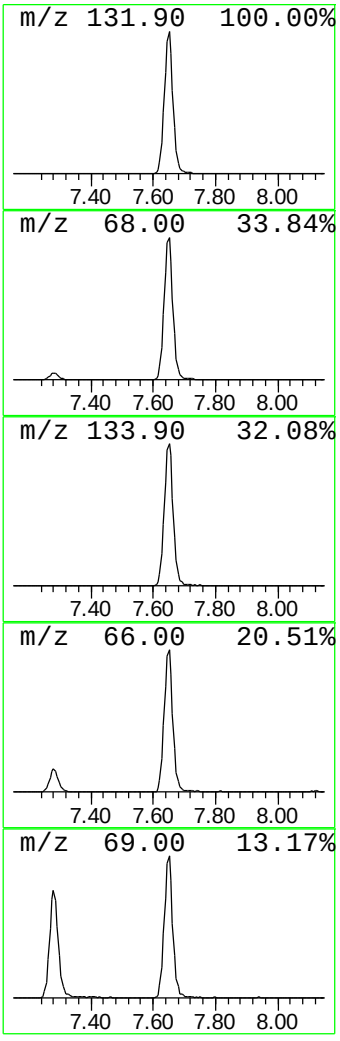
****

Peak Number 5 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	112.65 ng	1129830	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Instrument : BNA_G
ClientSampleId : STA-953-PLATFORM(0-4)

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

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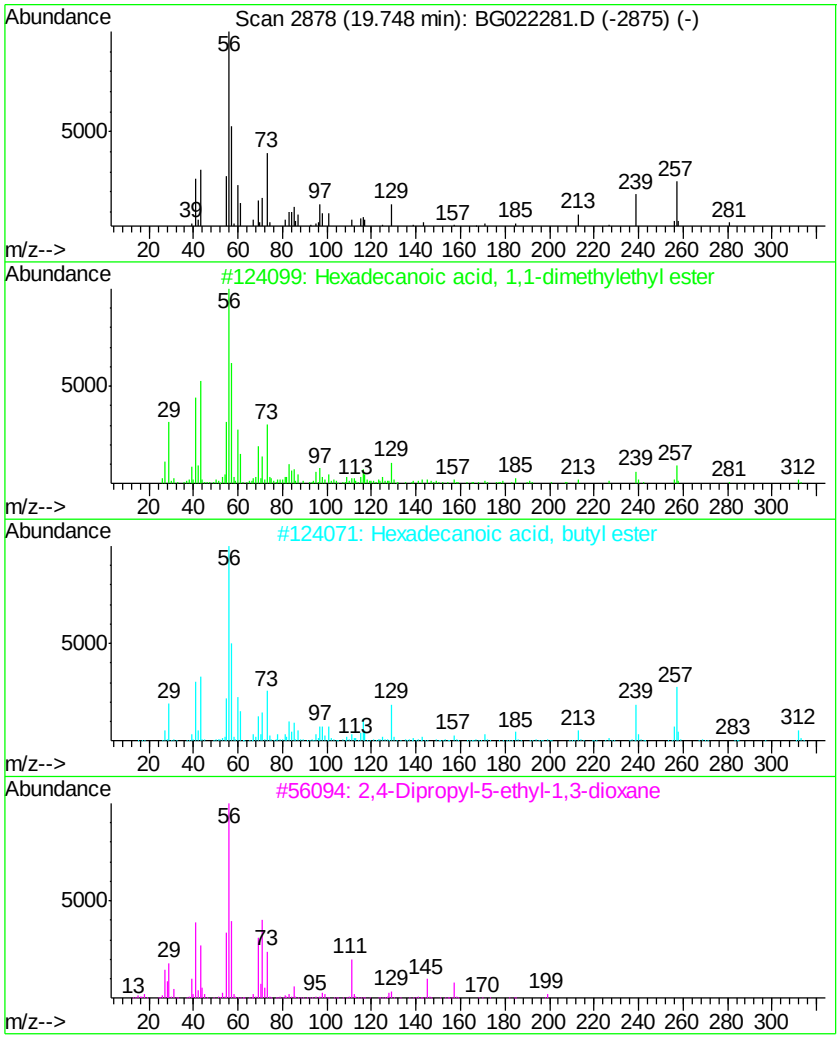
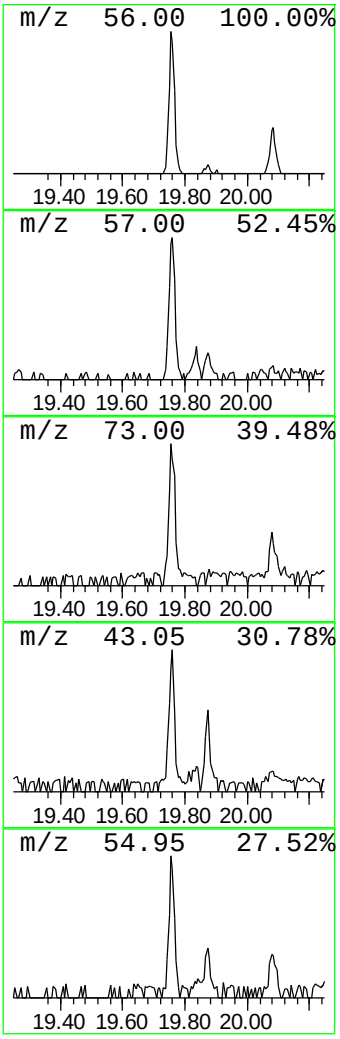
Peak Number 7 Hexadecanoic acid, 1,1-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.57 ng	65045	Chrysene-d12	21.76

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	90
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	37
4	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	27
5	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	25





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
Acetic acid	2.88	157.7	ng	1581980	1	8.11	200588	20.0
n-Propyl acetate	3.52	3.2	ng	32215	1	8.11	200588	20.0
3-Penten-2-one, 4...	4.58	11.2	ng	111792	1	8.11	200588	20.0
2-Pentanone, 4-hy...	5.19	13.1	ng	131707	1	8.11	200588	20.0
unknown7.65	7.65	112.7	ng	1129830	1	8.11	200588	20.0
Hexadecanoic acid...	19.75	2.6	ng	65045	5	21.76	506502	20.0