LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023298.D
Acq On : 28 Jul 2016 1:01
Operator : UM/SJ
Sample : H4185-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-03

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	3.007	23	29	47	rVB	4724072	7702965	59.35%	10.065%
2	4.582	291	297	309	rBV	3855908	6050724	46.62%	7.906%
3	5.198	393	402	411	rBV	2864305	4483997	34.55%	5.859%
4	5.674	474	483	495	rBV	848689	1413772	10.89%	1.847%
5	6.285	581	587	595	rVB	718114	1096481	8.45%	1.433%
6	7.290	751	758	768	rBV	579488	1032460	7.96%	1.349%
7	7.660	814	821	827	rBV	1594250	2816044	21.70%	3.679%
8	7.707	827	829	838	rVB	178599	250580	1.93%	0.327%
9	8.136	891	902	909	rBV	709836	1183506	9.12%	1.546%
10	8.465	950	958	966	rVB	2187896	3975411	30.63%	5.194%
11	9.310	1094	1102	1114	rBV	1963127	3607722	27.80%	4.714%
12	10.973	1375	1385	1394	rBV	992400	1794398	13.83%	2.345%
13	13.423	1793	1802	1815	rBV	5383715	8729721	67.26%	11.406%
14	14.245	1935	1942	1951	rBV	748108	1125207	8.67%	1.470%
15	14.809	2030	2038	2046	rBV2	1675406	2773978	21.37%	3.624%
16	16.301	2286	2292	2303	rBV	2617922	4149002	31.97%	5.421%
17	16.501	2321	2326	2334	rVB4	59768	137047	1.06%	0.179%
18	17.570	2501	2508	2515	rBV2	2307876	3483387	26.84%	4.551%
19	20.178	2946	2952	2958	rBV	9357012	12978224	100.00%	16.957%
20	21.893	3237	3244	3254	rVB2	2275092	3861161	29.75%	5.045%
21	24.384	3661	3668	3669	rBV7	105589	190688	1.47%	0.249%
22	25.301	3813	3824	3837	rVB2	1219463	3699472	28.51%	4.834%

Sum of corrected areas: 76535947

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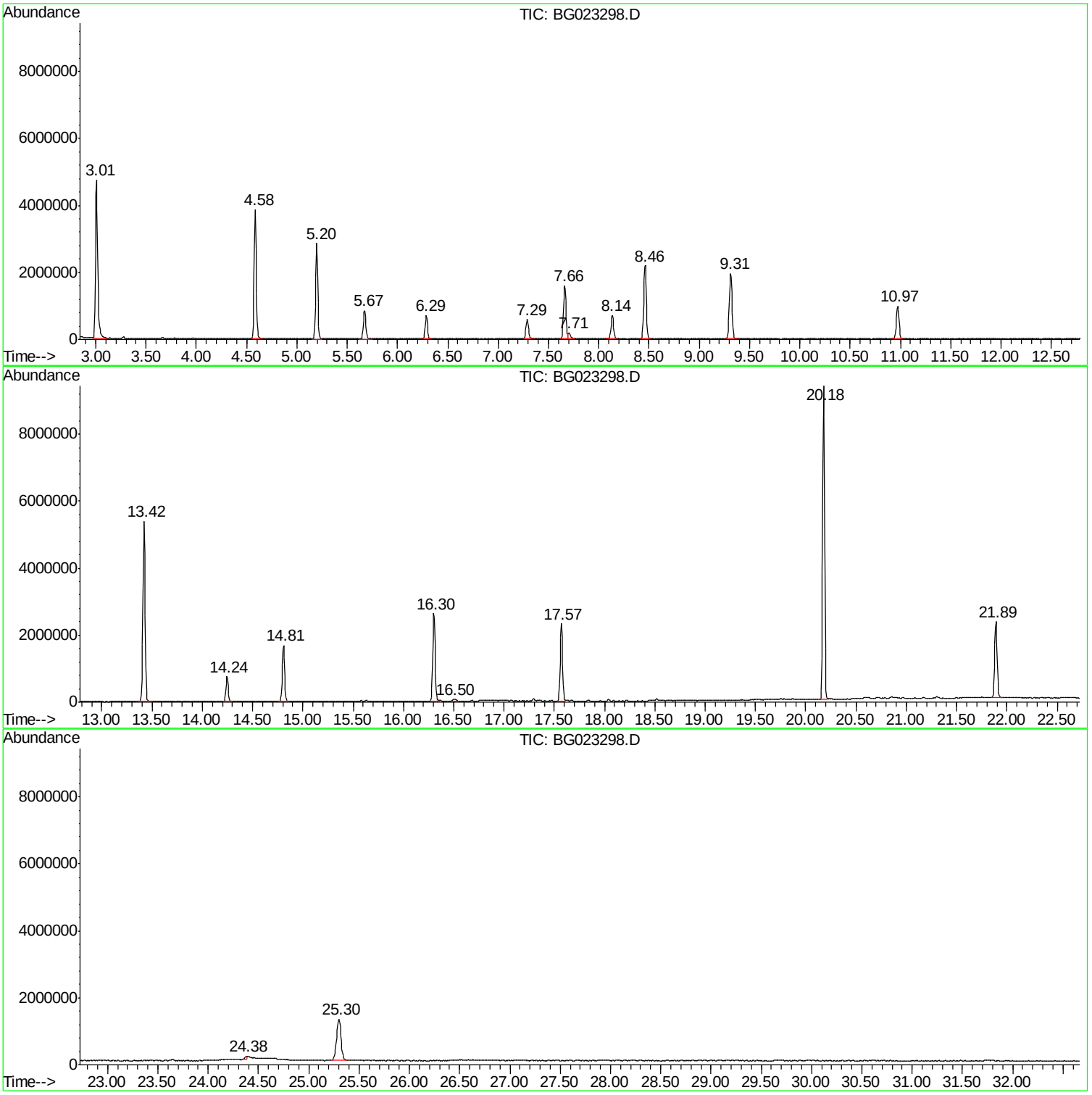
Instrument : BNA_G
ClientSampleId : TWP-03

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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Acq On : 28 Jul 2016 1:01
Operator : UM/SJ
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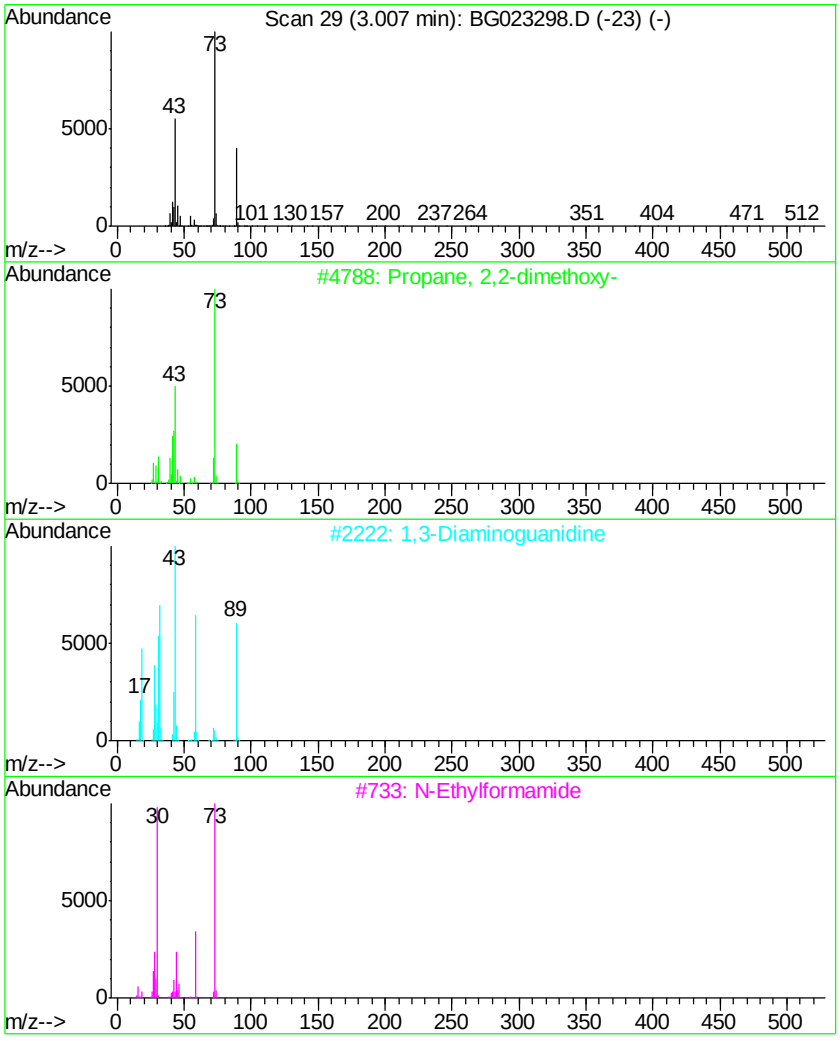
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

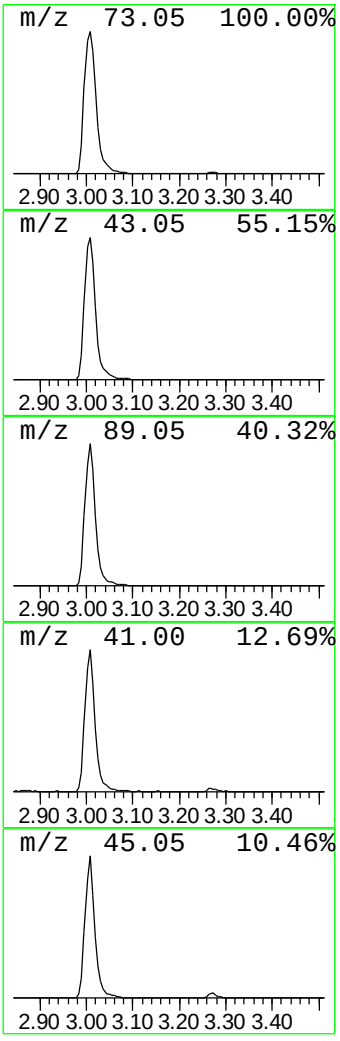
****

Peak Number 1 unknown3.01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	130.17 ng	7702970	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9





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Sample : H4185-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-03

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
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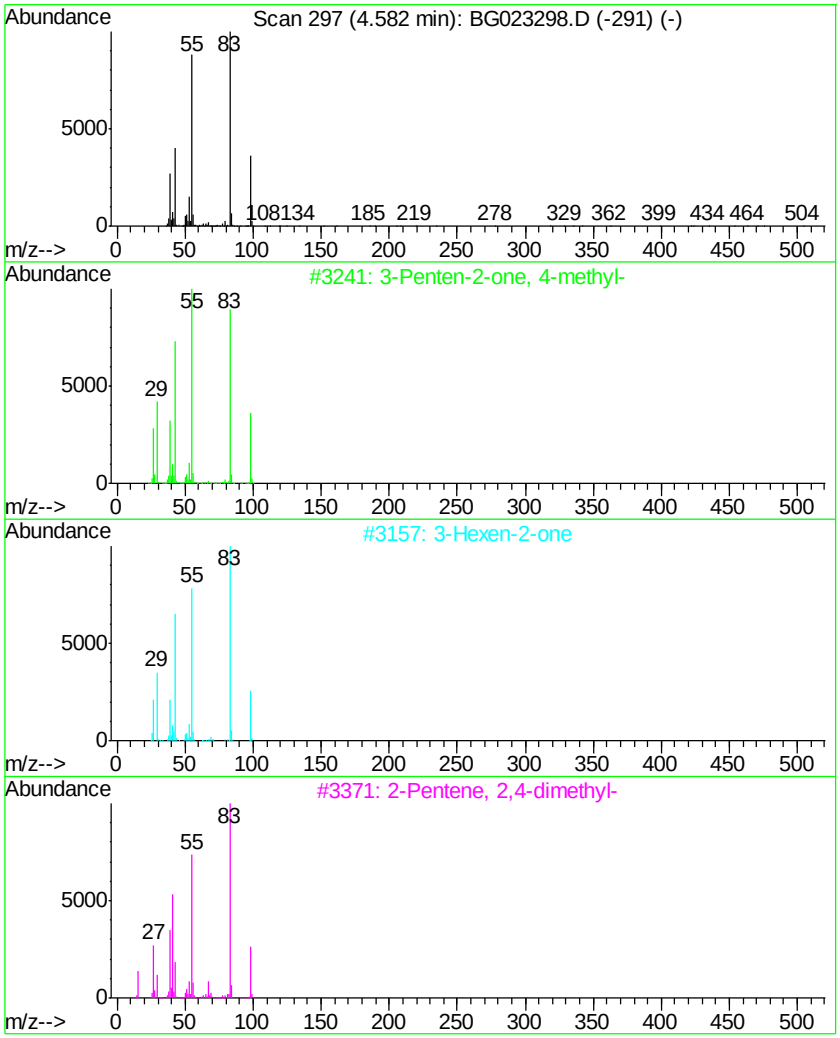
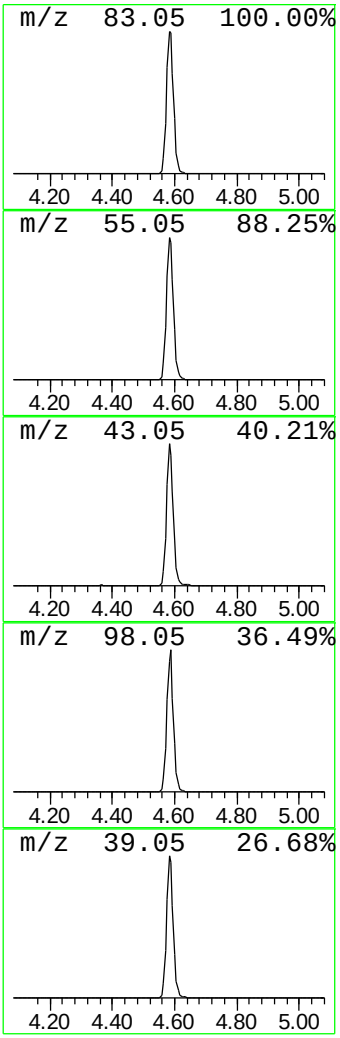
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	102.25 ng	6050720	1,4-Dichlorobenzene-d4	8.14

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, 2,4-dimethyl-	98	C7H14	000625-65-0	87
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86





Library Search Compound Report

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Data File : BG023298.D
Acq On : 28 Jul 2016 1:01
Operator : UM/SJ
Sample : H4185-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-03

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

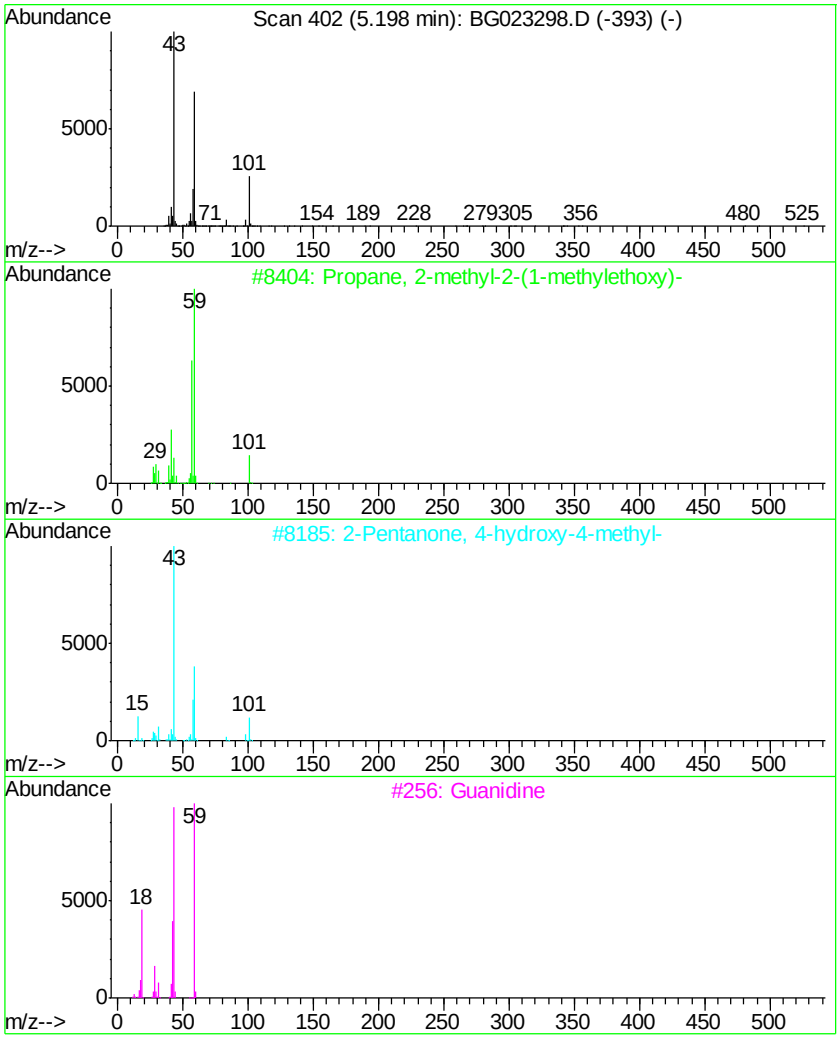
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

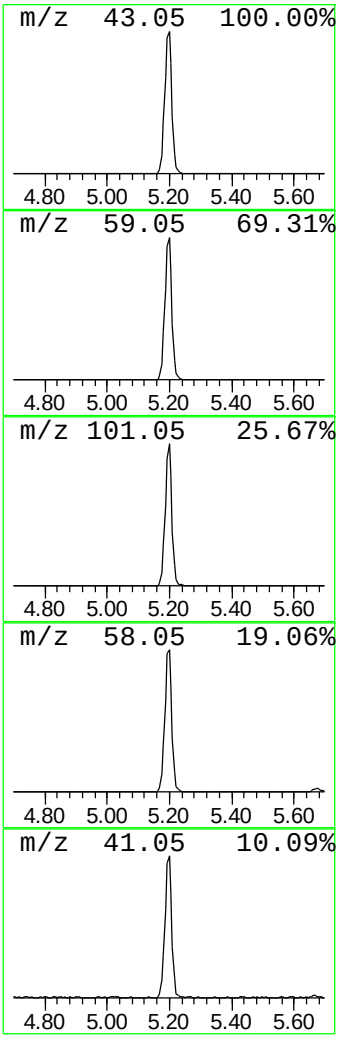
****

Peak Number 3 unknown5.20 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	75.77 ng	4484000	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	47
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	Guanidine	59	CH5N3	000113-00-8	38
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Acetone	58	C3H6O	000067-64-1	12





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Sample : H4185-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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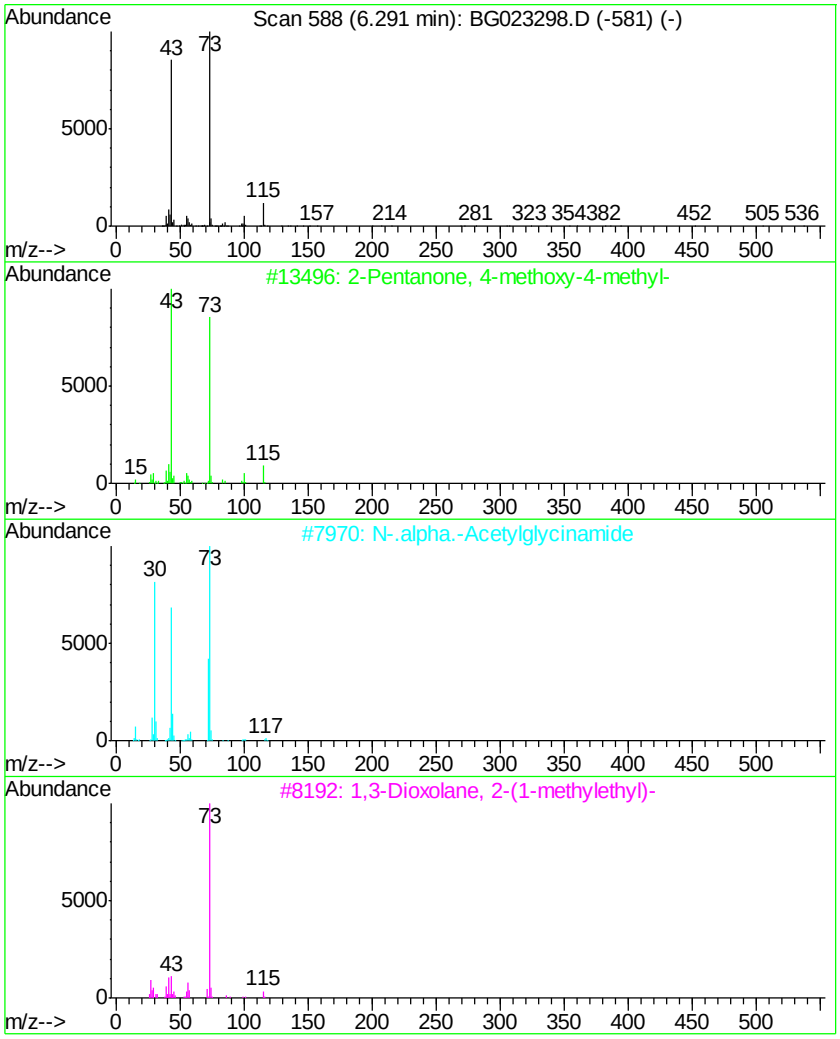
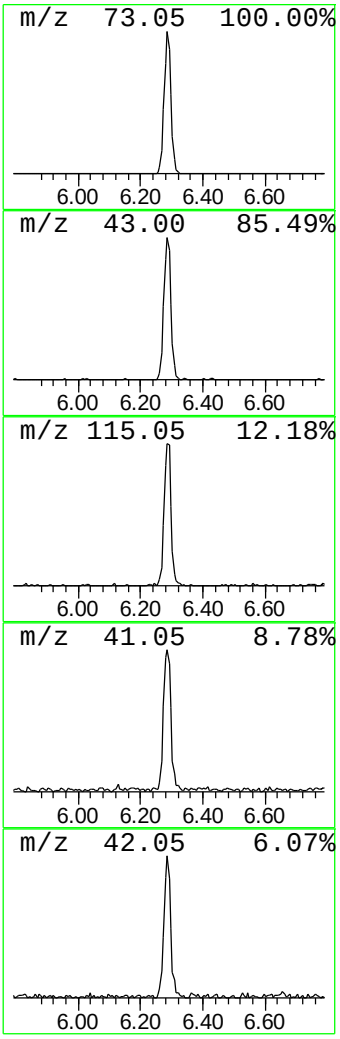
Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	18.53 ng	1096480	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	28
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	12
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	12
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Sample : H4185-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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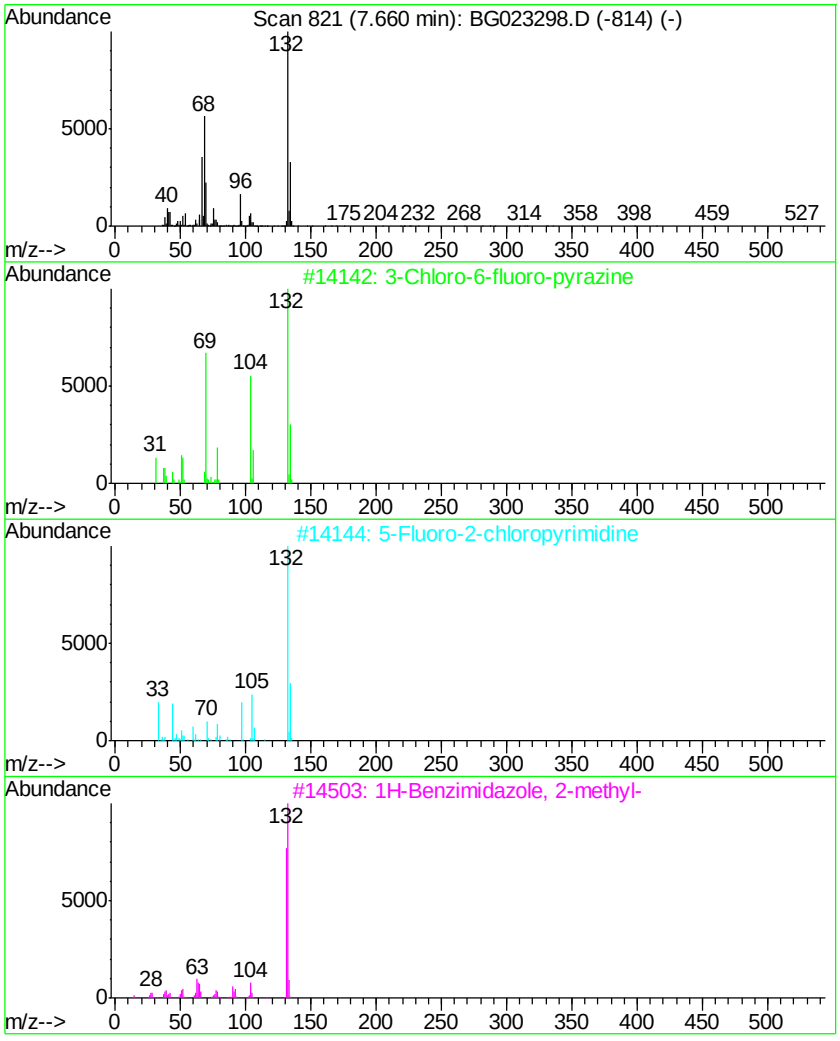
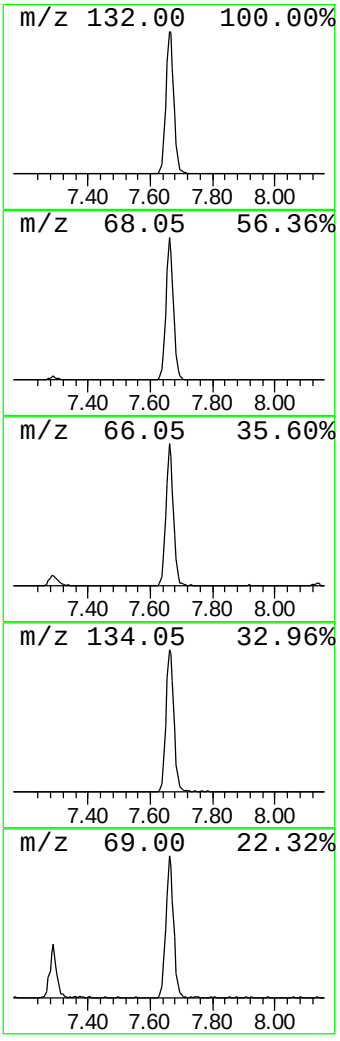
****

Peak Number 5 unknown7.66 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	47.59 ng	2816040	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





Library Search Compound Report

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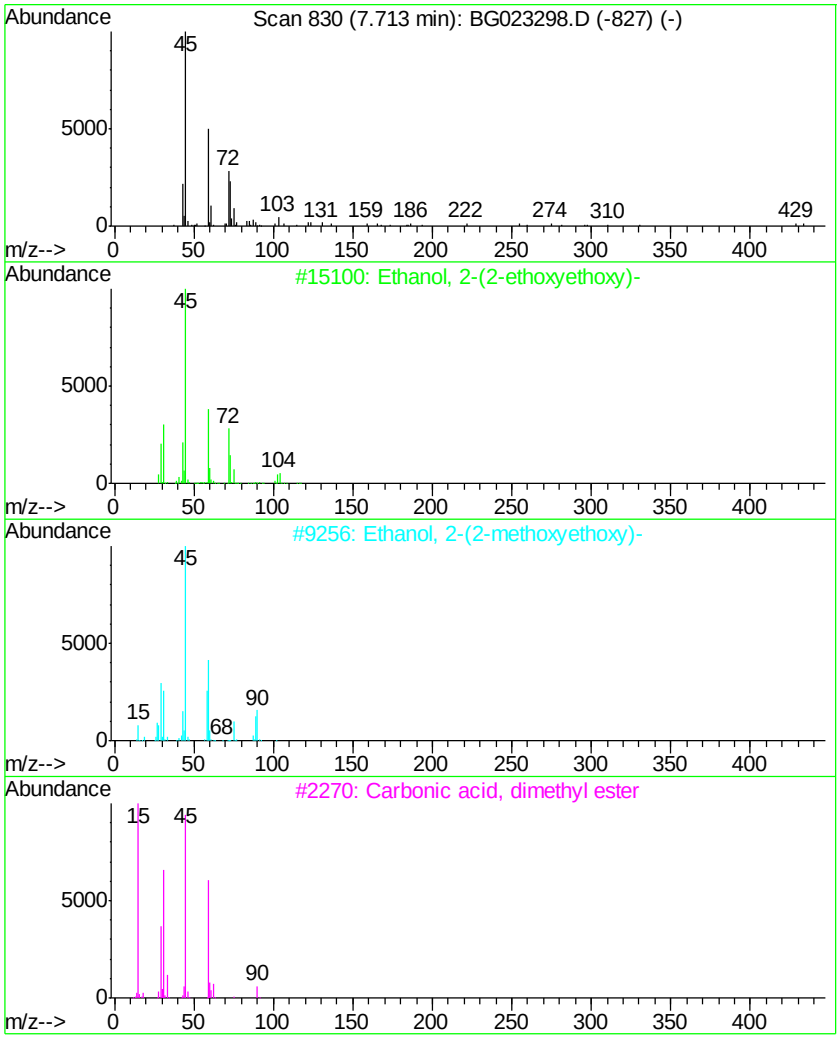
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

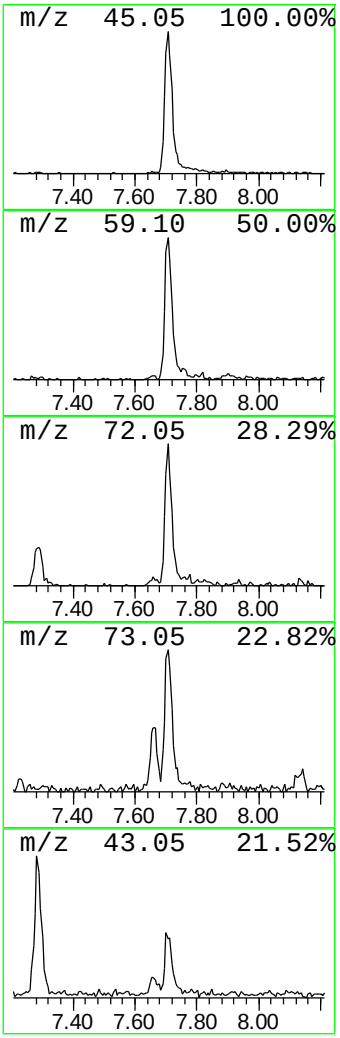
****

Peak Number 6 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	4.23 ng	250580	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
2	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	36
3	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	36
4	Propane, 1-(1-ethoxyethoxy)-	132	C7H16O2	020680-10-8	17
5	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9





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
unknown3.01	3.01	130.2	ng	7702970	1	8.14	1183510	20.0
3-Penten-2-one, 4...	4.58	102.3	ng	6050720	1	8.14	1183510	20.0
unknown5.20	5.20	75.8	ng	4484000	1	8.14	1183510	20.0
2-Pentanone, 4-me...	6.29	18.5	ng	1096480	1	8.14	1183510	20.0
unknown7.66	7.66	47.6	ng	2816040	1	8.14	1183510	20.0
Ethanol, 2-(2-eth...	7.71	4.2	ng	250580	1	8.14	1183510	20.0