LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016427.D
Acq On : 15 Apr 2015 17:35
Operator : TP/IZ
Sample : G1849-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-04

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-BG040615.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	2.761	7	12	21	rBV	466838	722291	21.06%	3.548%
2	2.837	21	25	37	rVB	510350	587757	17.14%	2.887%
3	4.177	248	253	267	rVB	330818	432624	12.61%	2.125%
4	4.782	348	356	364	rBV	772715	1066468	31.09%	5.238%
5	5.252	430	436	449	rVB	409836	560787	16.35%	2.755%
6	5.857	534	539	545	rBV	118081	160582	4.68%	0.789%
7	6.850	701	708	721	rBV	252306	405254	11.81%	1.991%
8	7.203	759	768	776	rBV	697354	1079015	31.46%	5.300%
9	7.667	840	847	854	rVB	256086	400450	11.67%	1.967%
10	7.984	894	901	911	rVB	816340	1248652	36.40%	6.133%
11	8.824	1034	1044	1056	rBV	644845	1037392	30.24%	5.096%
12	10.452	1314	1321	1329	rBV	383296	629657	18.36%	3.093%
13	12.925	1735	1742	1756	rBV	1704455	2510191	73.18%	12.330%
14	13.766	1880	1885	1891	rVB	27012	37724	1.10%	0.185%
15	14.306	1971	1977	1989	rVB2	599782	893765	26.06%	4.390%
16	15.669	2202	2209	2215	rBV	65656	84716	2.47%	0.416%
17	15.798	2225	2231	2241	rBV	874526	1243022	36.24%	6.106%
18	17.050	2438	2444	2450	rBV2	799144	1146863	33.44%	5.633%
19	17.949	2592	2597	2607	rBV2	41226	69858	2.04%	0.343%
20	19.230	2811	2815	2822	rBV3	24465	37027	1.08%	0.182%
21	19.682	2886	2892	2901	rBV	2791779	3430101	100.00%	16.849%
22	20.945	3102	3107	3114	rBV	138444	205875	6.00%	1.011%
23	21.227	3150	3155	3165	rBV	944453	1213879	35.39%	5.963%
24	23.466	3528	3536	3546	rBV2	621138	1154516	33.66%	5.671%

Sum of corrected areas: 20358466

LSC Report - Integrated Chromatogram

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Operator : TP/IZ
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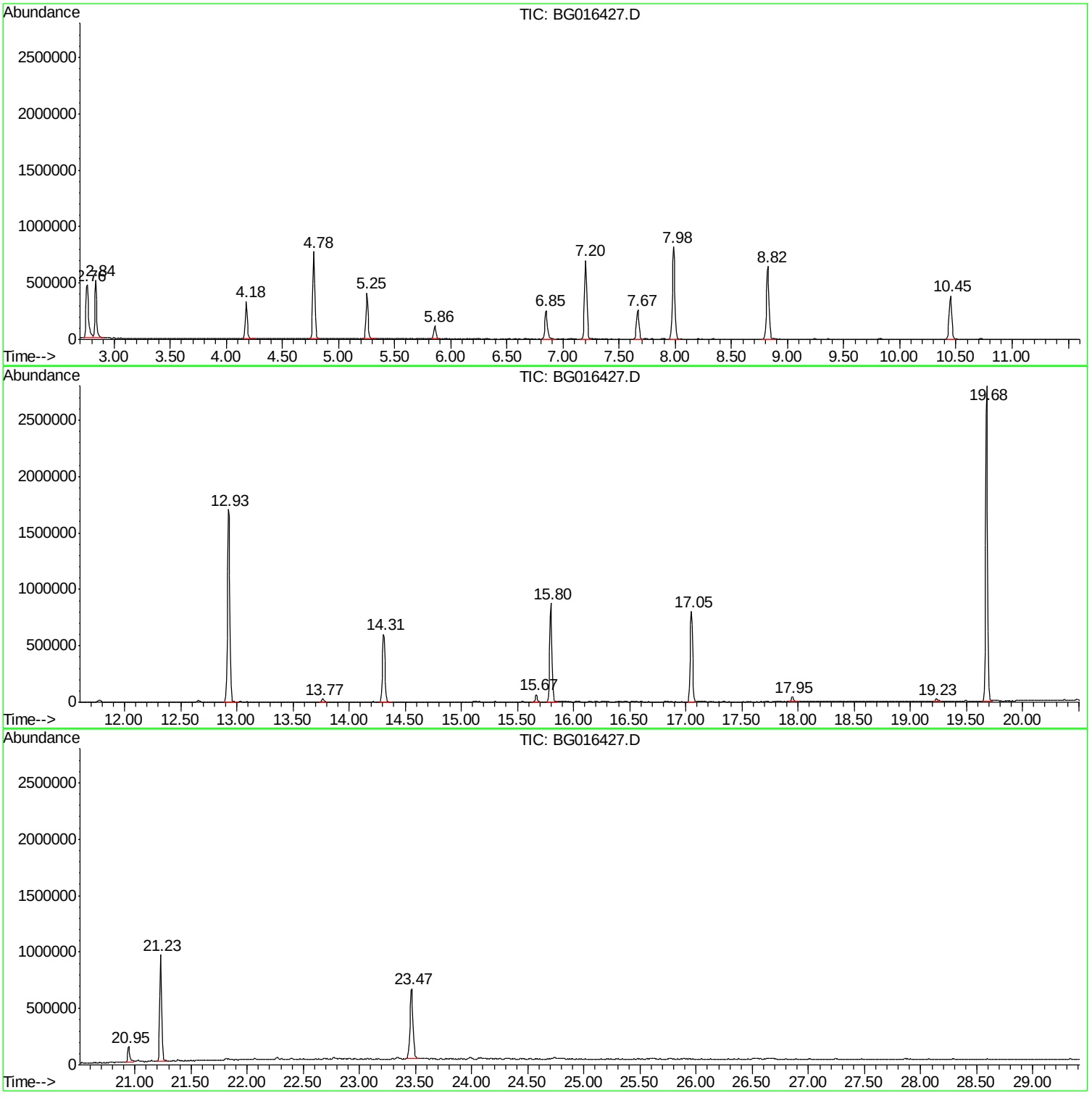
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016427.D
Acq On : 15 Apr 2015 17:35
Operator : TP/IZ
Sample : G1849-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

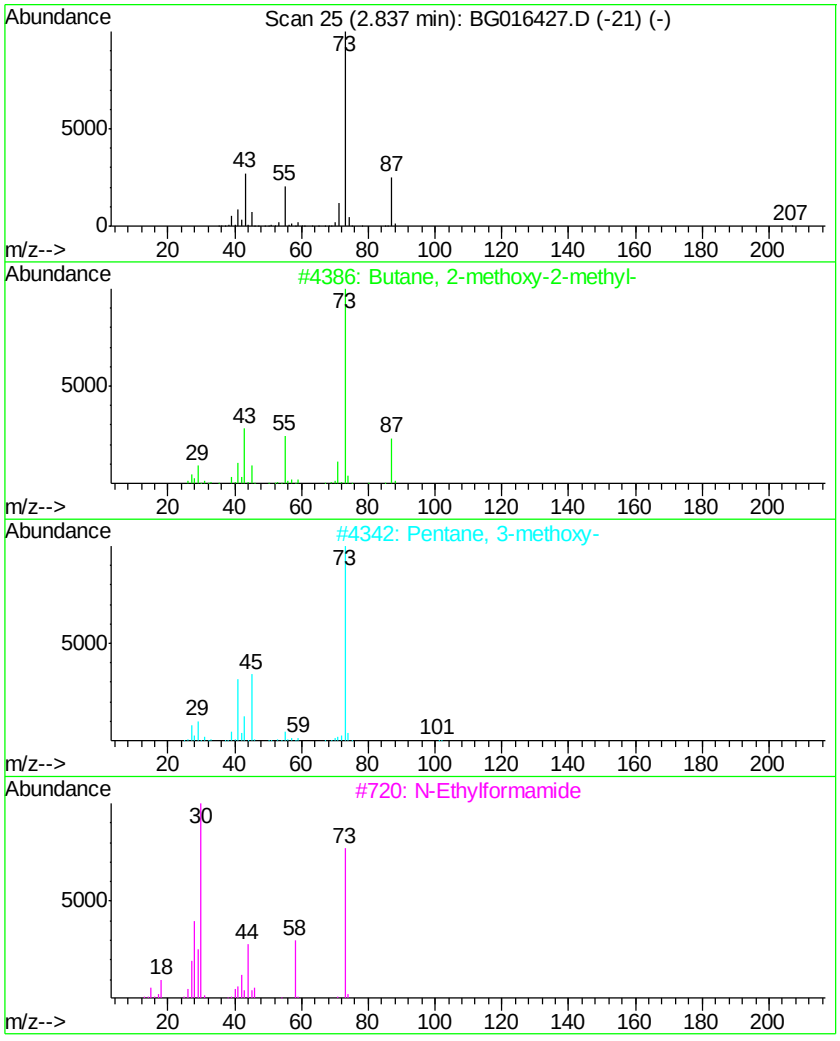
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

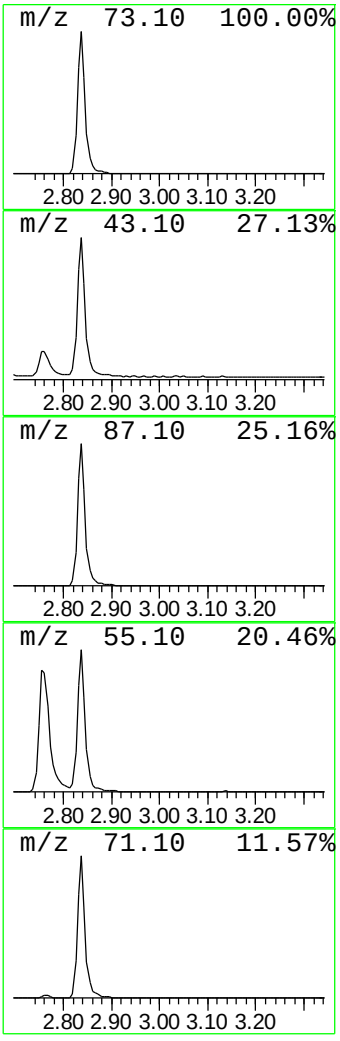
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	29.35 ng	587757	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Sample : G1849-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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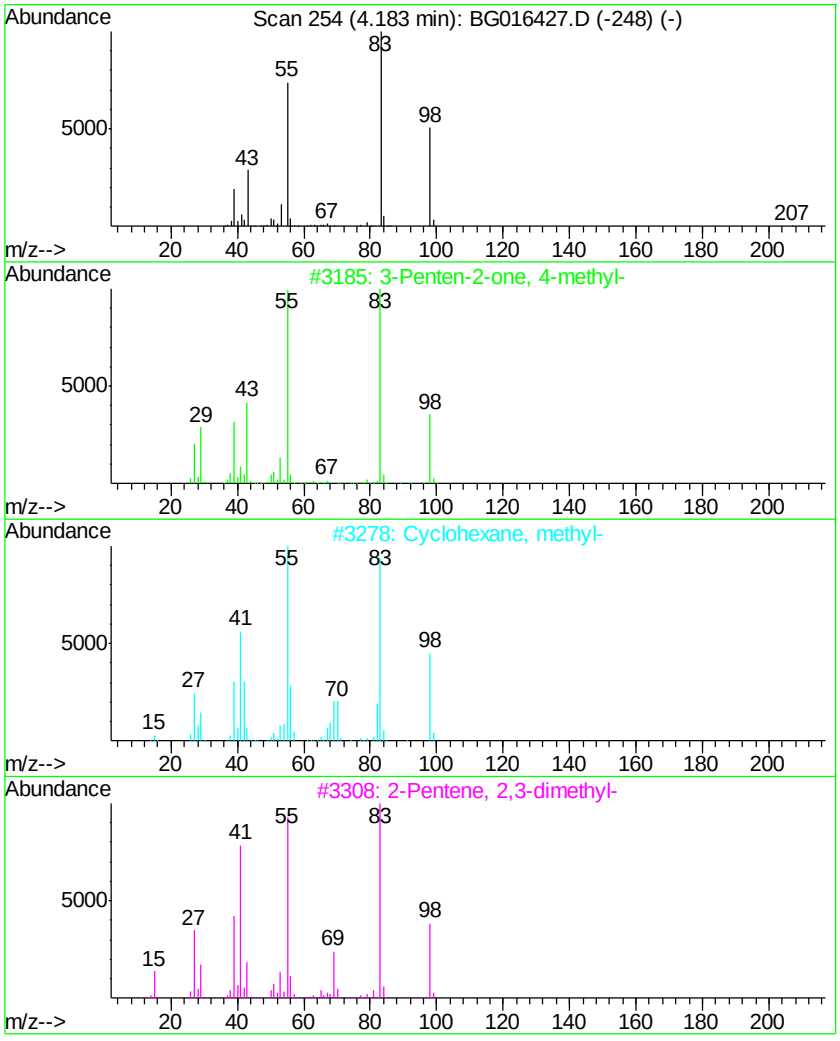
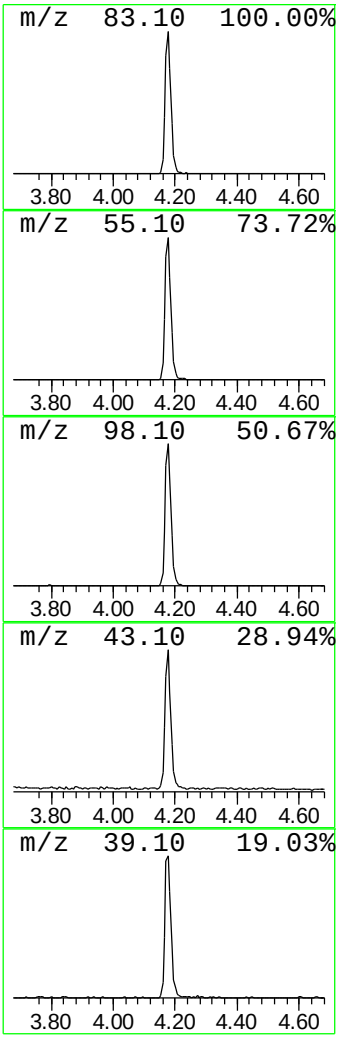
Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	21.61 ng	432624	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	80
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	80
4	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78
5	3-Hexen-2-one	98	C6H10O	000763-93-9	72





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Data File : BG016427.D
Acq On : 15 Apr 2015 17:35
Operator : TP/IZ
Sample : G1849-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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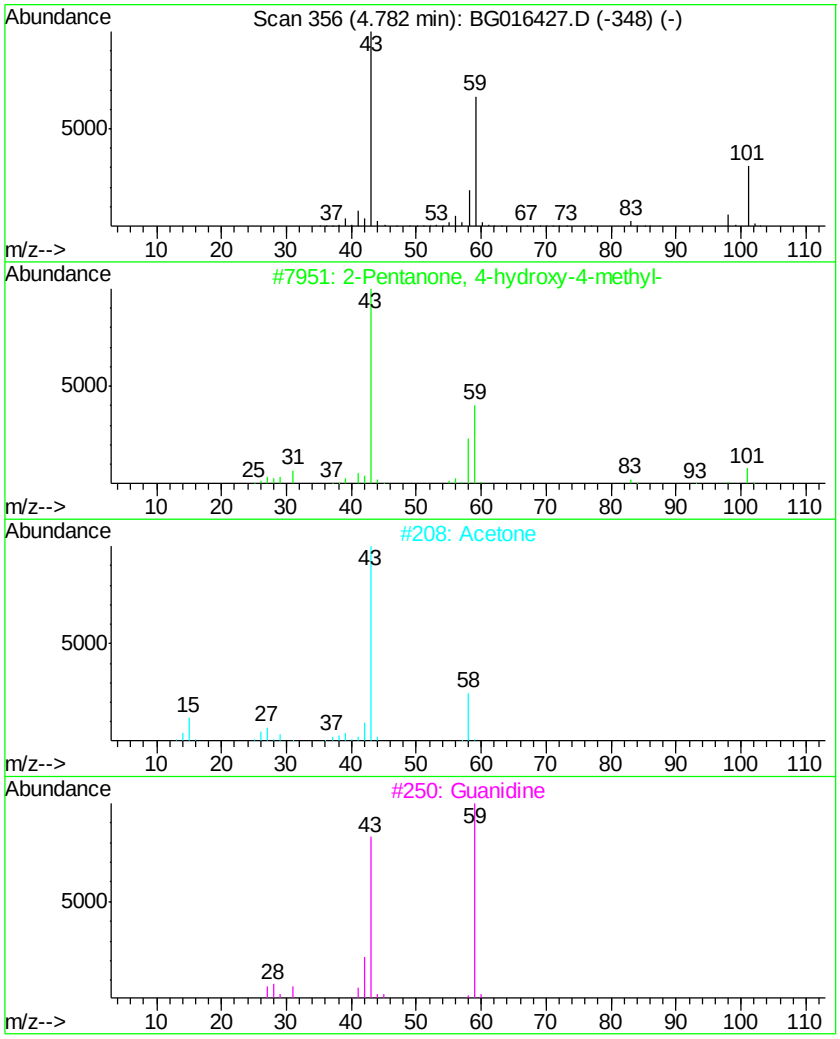
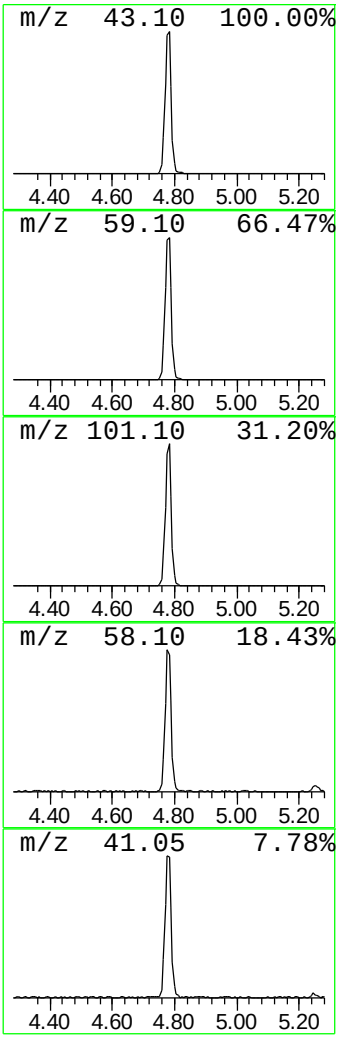
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	53.26 ng	1066470	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetone	58	C3H6O	000067-64-1	9
3	Guanidine	59	CH5N3	000113-00-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Data File : BG016427.D
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Operator : TP/IZ
Sample : G1849-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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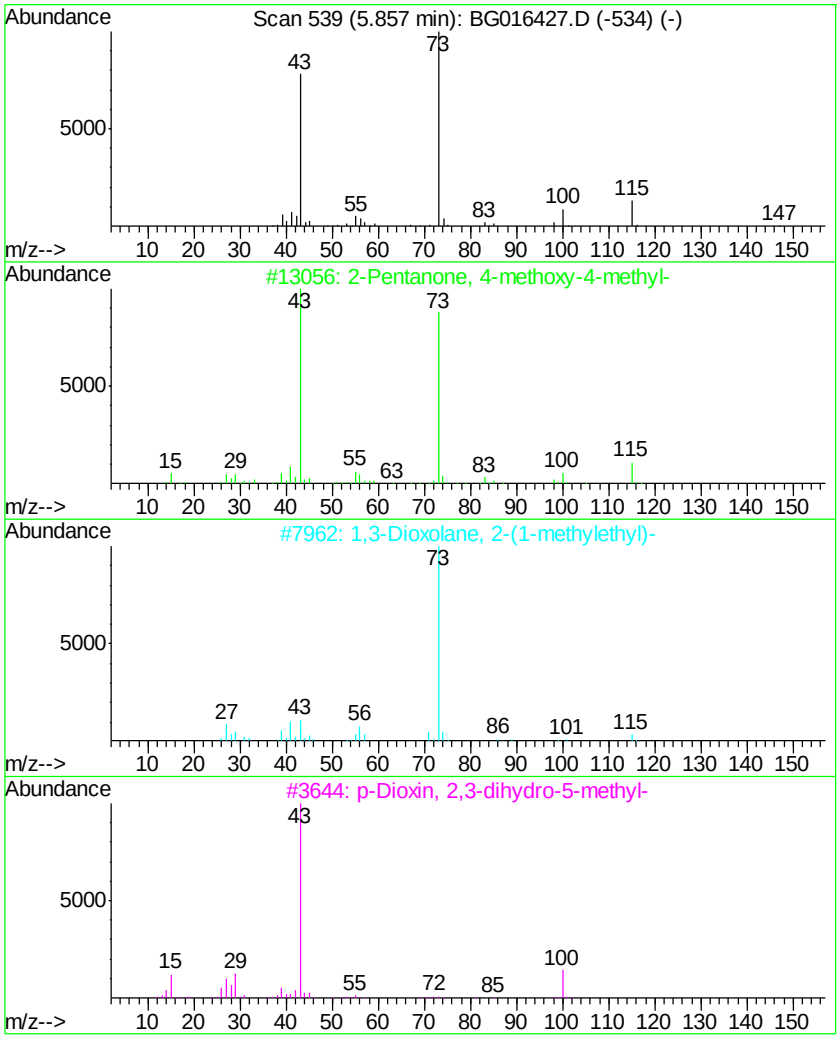
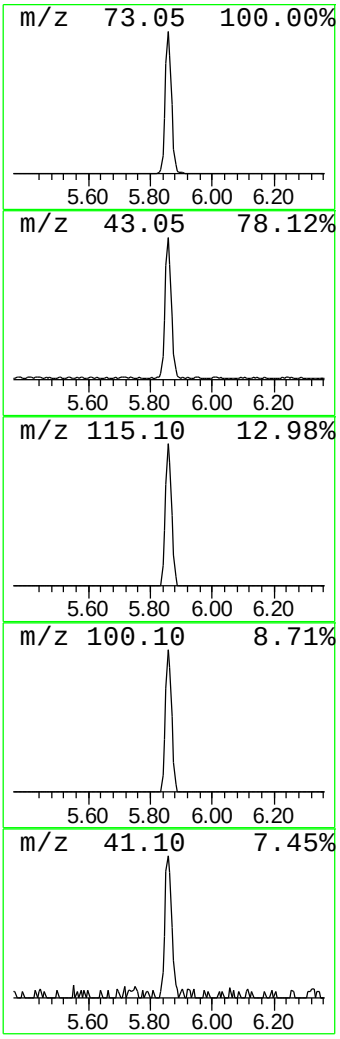
Peak Number 5 2-Pentanone, 4-methoxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	8.02 ng	160582	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	12
3	p-Dioxin, 2,3-dihydro-5-methyl-	100	C5H8O2	003973-22-6	10
4	Acetamide, N-butyl-	115	C6H13NO	001119-49-9	9
5	Acetamide, N-(2-methylpropyl)-	115	C6H13NO	001540-94-9	9





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Operator : TP/IZ
Sample : G1849-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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TIC Library : C:\DATABASE\NIST02.L
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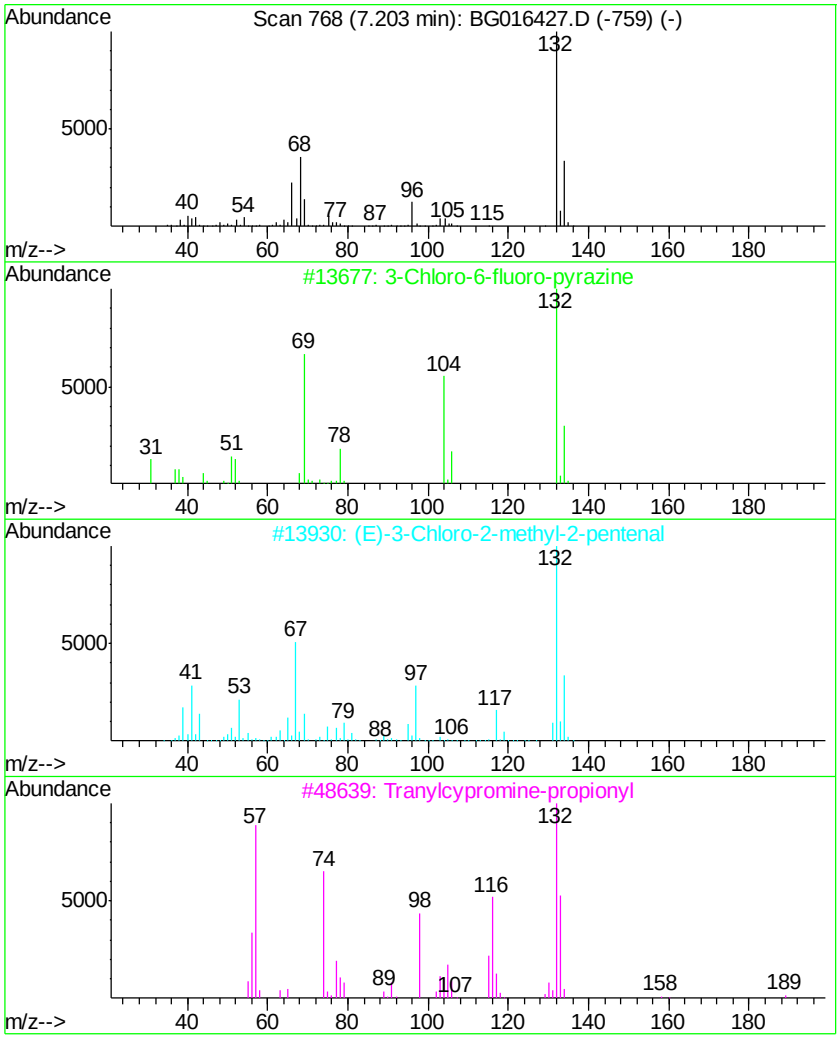
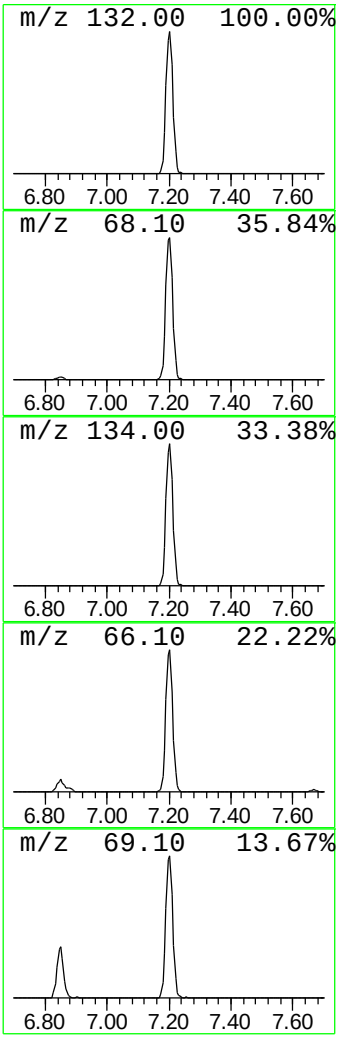
Peak Number 6 unknown7.20 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	53.89 ng	1079020	1,4-Dichlorobenzene-d4	7.67

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	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_G
ClientSampleId : TWP-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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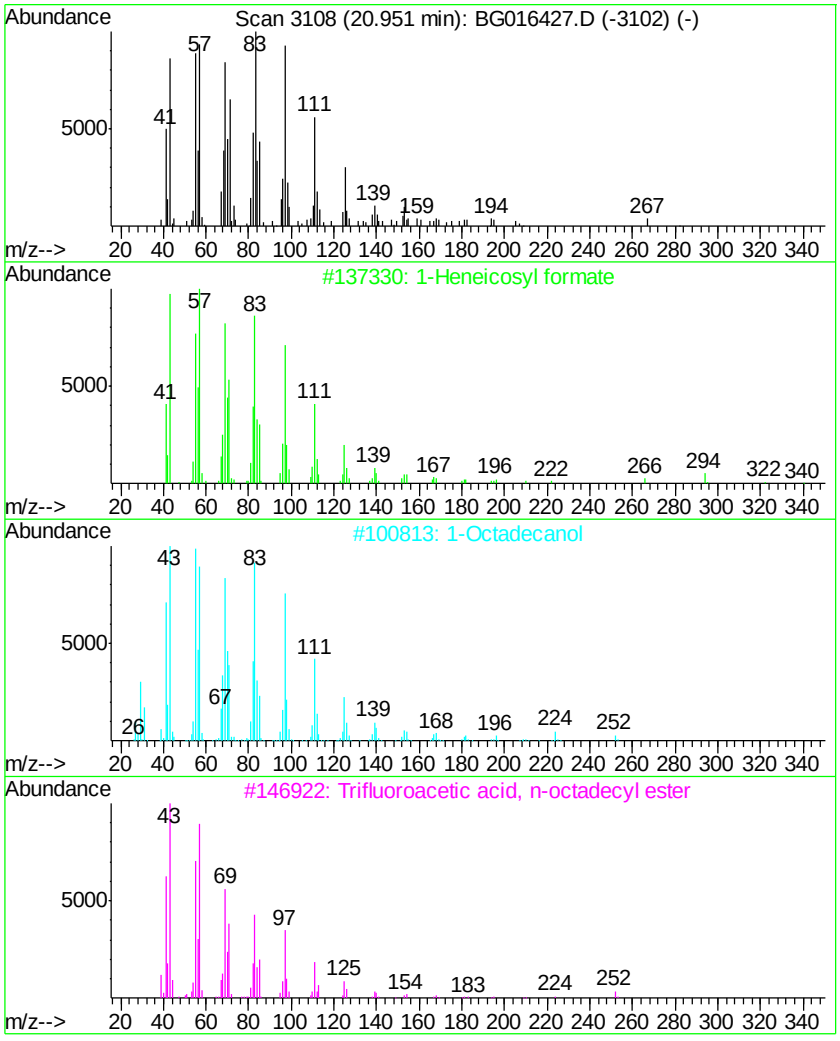
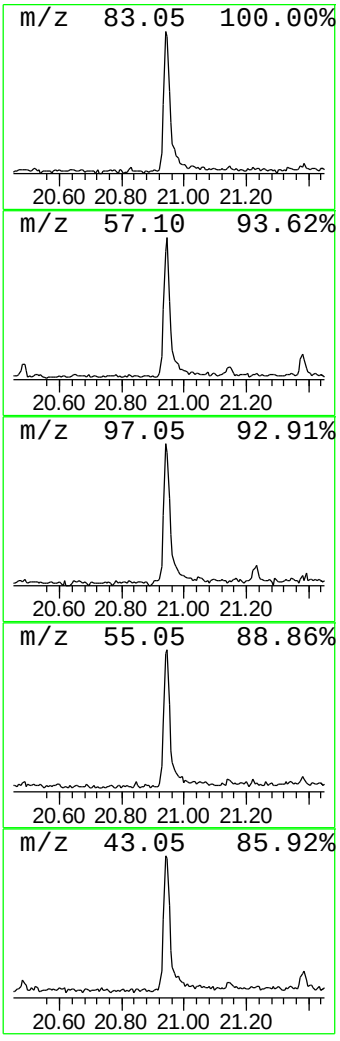
Peak Number 8 1-Heneicosyl formate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	3.39 ng	205875	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
2	1-Octadecanol	270	C18H38O	000112-92-5	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.84	29.4	ng	587757	1	7.67	400450	20.0
3-Penten-2-one, 4...	4.18	21.6	ng	432624	1	7.67	400450	20.0
2-Pentanone, 4-hy...	4.78	53.3	ng	1066470	1	7.67	400450	20.0
2-Pentanone, 4-me...	5.86	8.0	ng	160582	1	7.67	400450	20.0
unknown7.20	7.20	53.9	ng	1079020	1	7.67	400450	20.0
1-Heneicosyl formate	20.95	3.4	ng	205875	5	21.23	1213880	20.0