LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
Data File : BG016901.D
Acq On : 6 May 2015 16:09
Operator : TP/IZ
Sample : G2084-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3

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-BG050515.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	2.788	13	17	35	rVV	4661347	6056741	100.00%	21.614%
2	2.923	36	40	49	rVB	166358	289641	4.78%	1.034%
3	3.005	50	54	59	rVB	164496	202800	3.35%	0.724%
4	4.920	375	380	389	rBV	114311	171226	2.83%	0.611%
5	5.379	451	458	467	rBV	1089281	1625243	26.83%	5.800%
6	6.965	721	728	738	rBV	1262429	1915570	31.63%	6.836%
7	7.335	782	791	799	rBV	1096580	1773587	29.28%	6.329%
8	7.799	863	870	879	rBV	281445	439693	7.26%	1.569%
9	8.123	918	925	932	rBV	715030	1143490	18.88%	4.081%
10	8.957	1059	1067	1076	rVB	700912	1155010	19.07%	4.122%
11	10.596	1338	1346	1353	rBV	364212	627473	10.36%	2.239%
12	13.058	1758	1765	1772	rVB	1371761	2036454	33.62%	7.267%
13	13.892	1901	1907	1914	rBV	75721	104601	1.73%	0.373%
14	14.439	1992	2000	2007	rBV2	598814	893766	14.76%	3.190%
15	15.925	2247	2253	2263	rBV	1362241	1904597	31.45%	6.797%
16	17.183	2460	2467	2478	rBV2	818053	1143780	18.88%	4.082%
17	18.082	2615	2620	2631	rBV2	130418	209133	3.45%	0.746%
18	19.362	2832	2838	2842	rBV3	64627	82601	1.36%	0.295%
19	19.809	2908	2914	2921	rBV	2724995	3268986	53.97%	11.666%
20	21.078	3125	3130	3139	rBV	320377	440347	7.27%	1.571%
21	21.360	3172	3178	3183	rBV	950712	1219310	20.13%	4.351%
22	23.563	3547	3553	3560	rVB5	36021	75210	1.24%	0.268%
23	23.663	3561	3570	3578	rBV	582616	1163588	19.21%	4.152%
24	24.339	3680	3685	3694	rBV10	35480	78870	1.30%	0.281%

Sum of corrected areas: 28021717

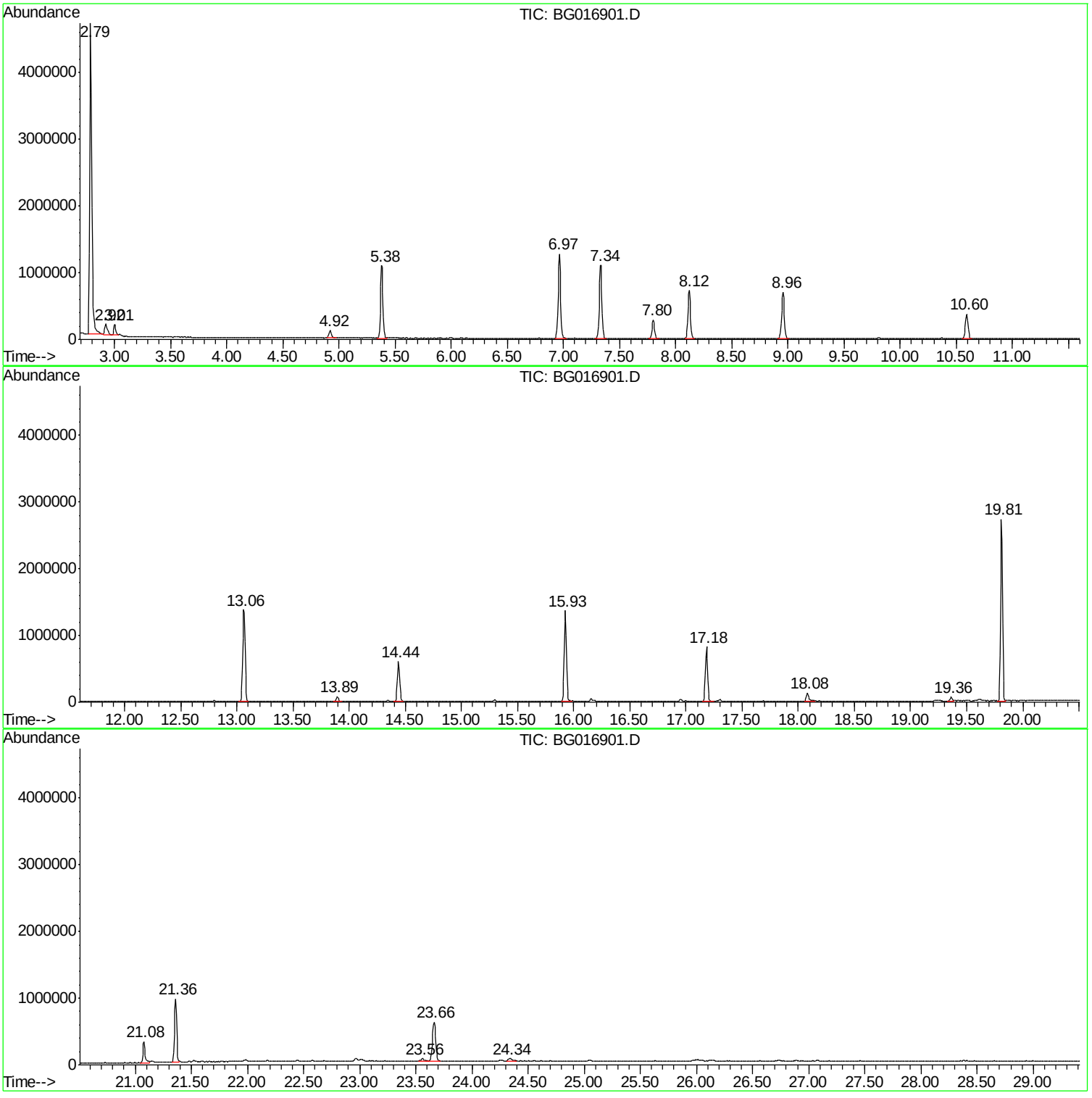
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
Data File : BG016901.D
Acq On : 6 May 2015 16:09
Operator : TP/IZ
Sample : G2084-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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\BG050615\
Data File : BG016901.D
Acq On : 6 May 2015 16:09
Operator : TP/IZ
Sample : G2084-03
Misc :
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Instrument : BNA_G
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

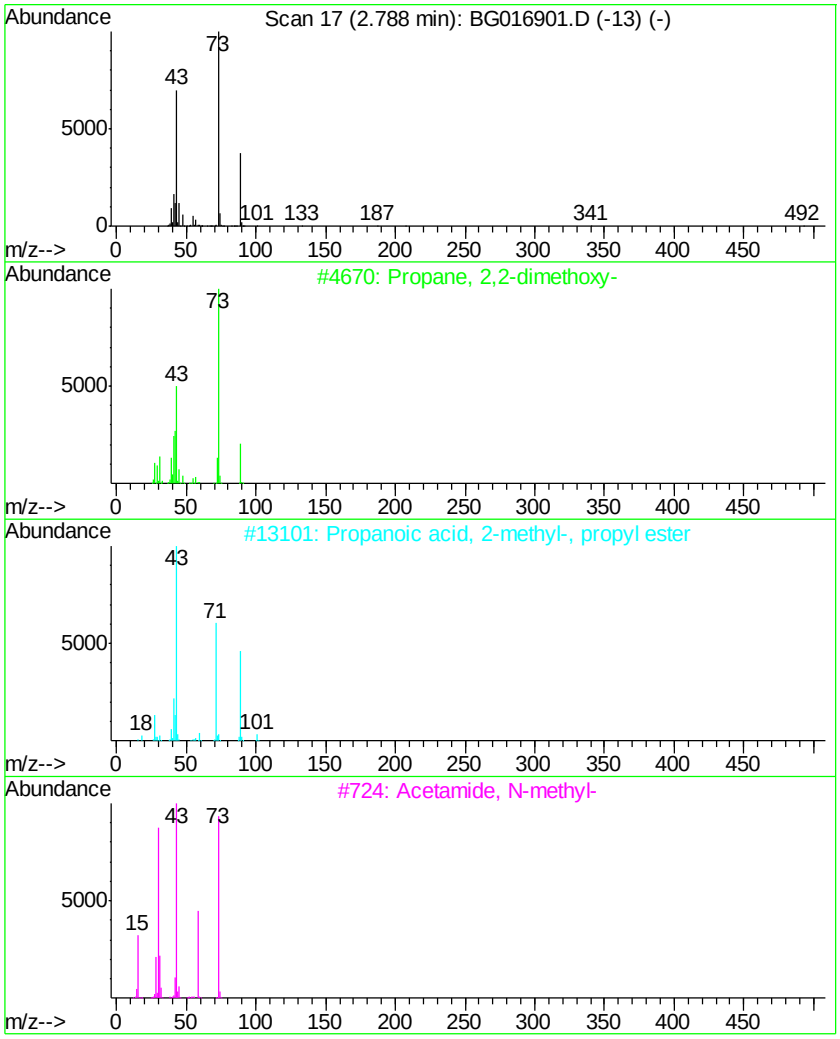
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

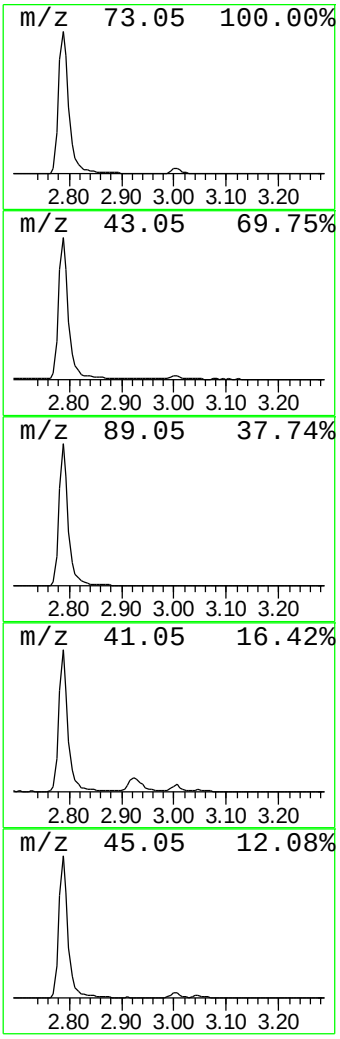
****

Peak Number 1 unknown2.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	275.50 ng	6056740	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	39
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	22
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9





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Data File : BG016901.D
Acq On : 6 May 2015 16:09
Operator : TP/IZ
Sample : G2084-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

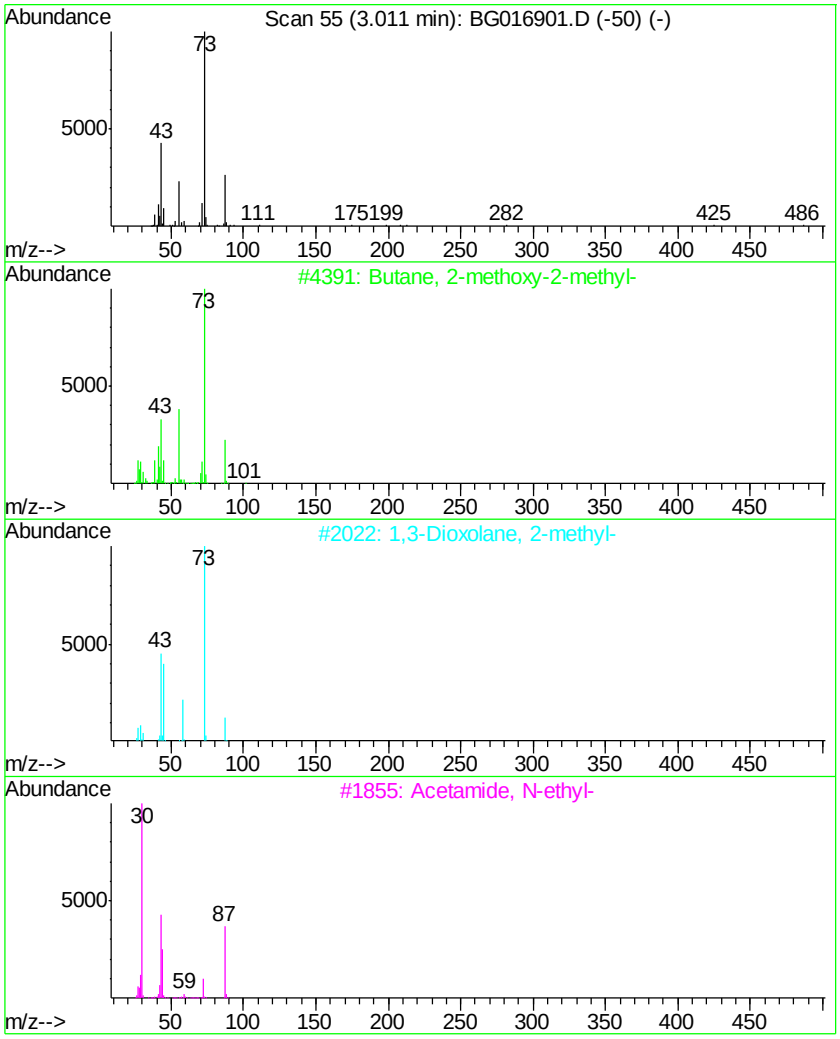
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

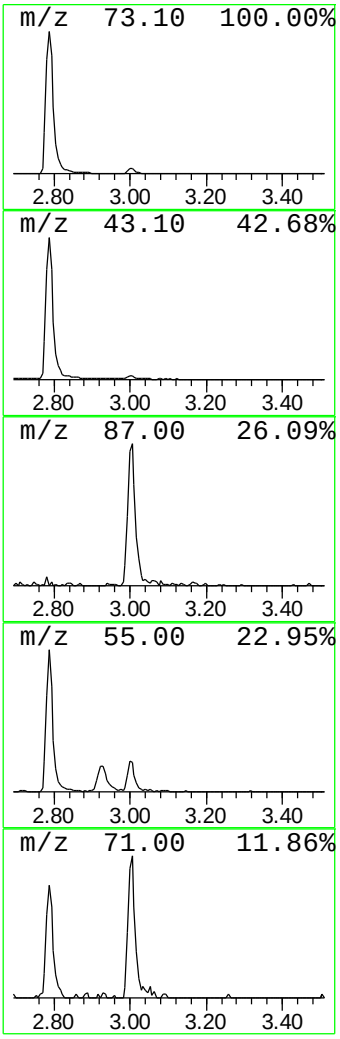
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	9.22 ng	202800	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	50
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
Data File : BG016901.D
Acq On : 6 May 2015 16:09
Operator : TP/IZ
Sample : G2084-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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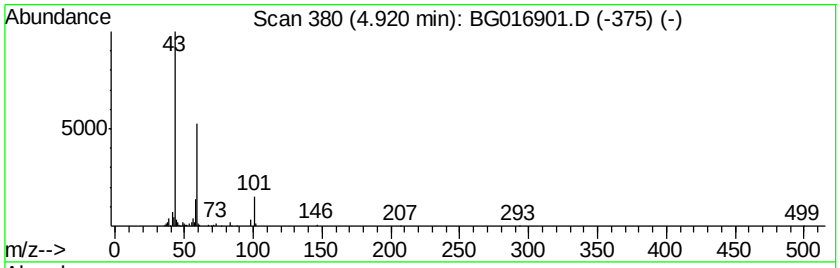
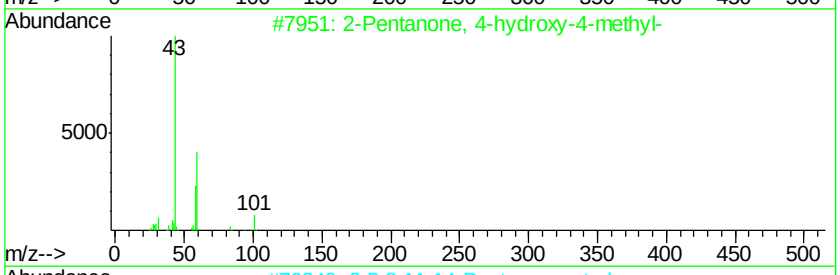
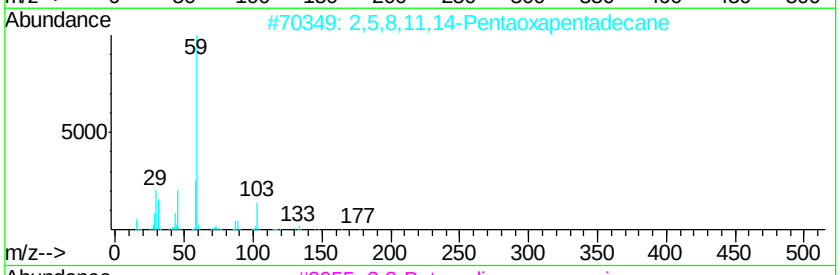
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

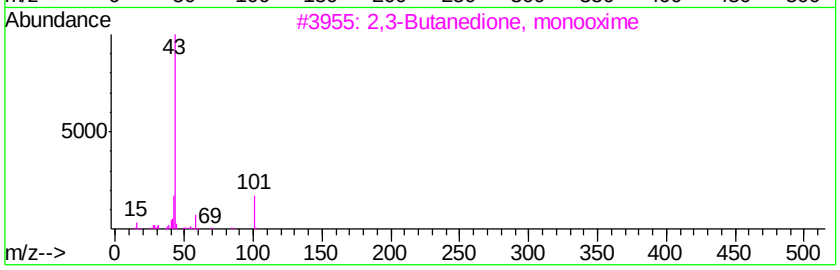
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	7.79 ng	171226	1,4-Dichlorobenzene-d4	7.80

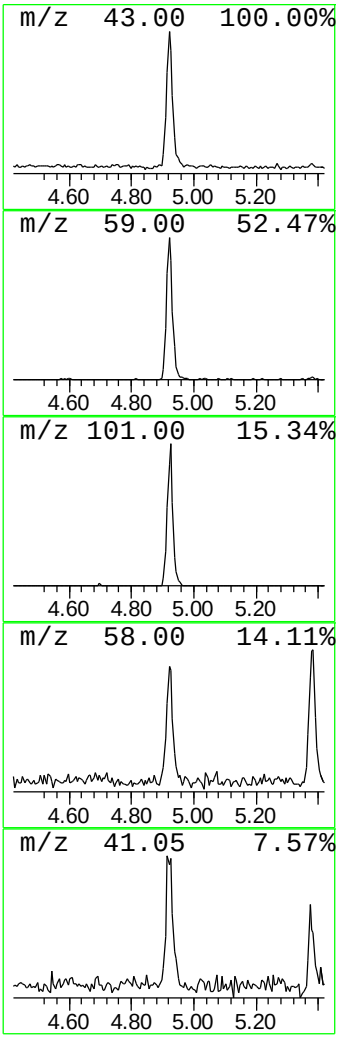
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	23
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9











Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
Data File : BG016901.D
Acq On : 6 May 2015 16:09
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Sample : G2084-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

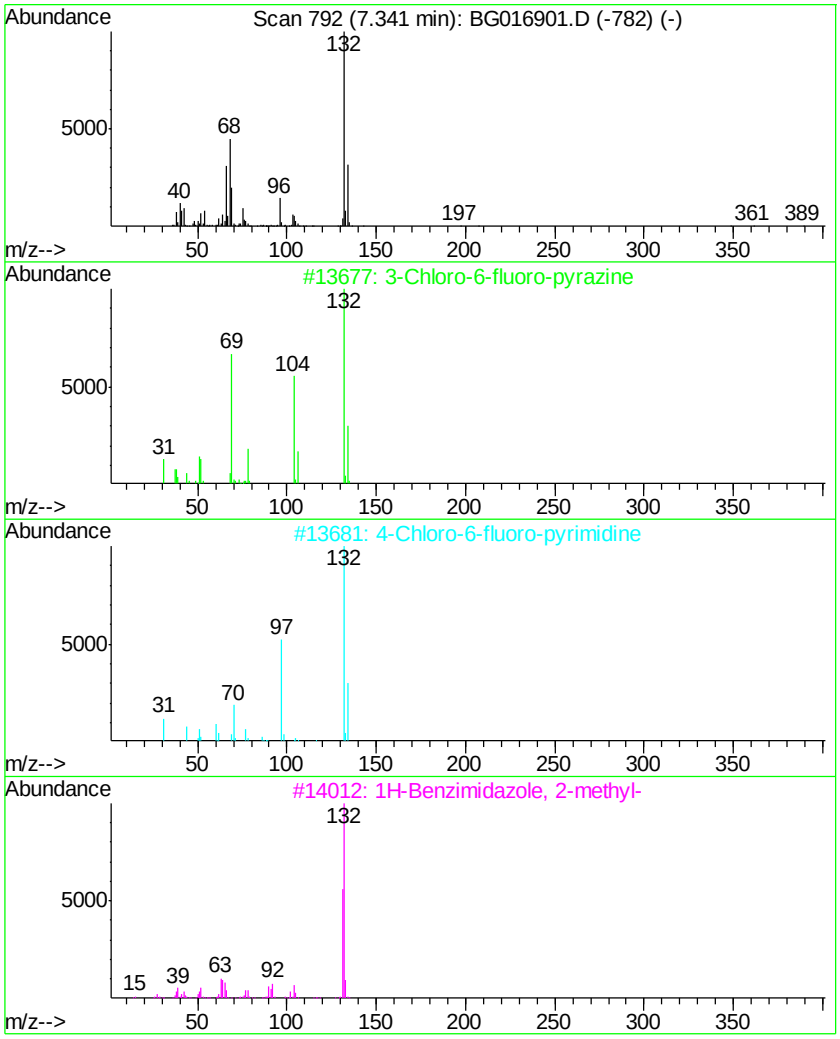
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

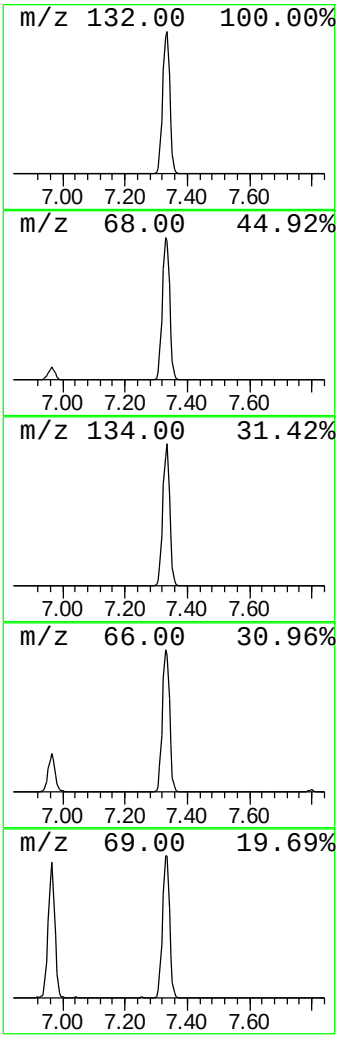
****

Peak Number 5 unknown7.34 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	80.67 ng	1773590	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
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Acq On : 6 May 2015 16:09
Operator : TP/IZ
Sample : G2084-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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TIC Library : C:\DATABASE\NIST02.L
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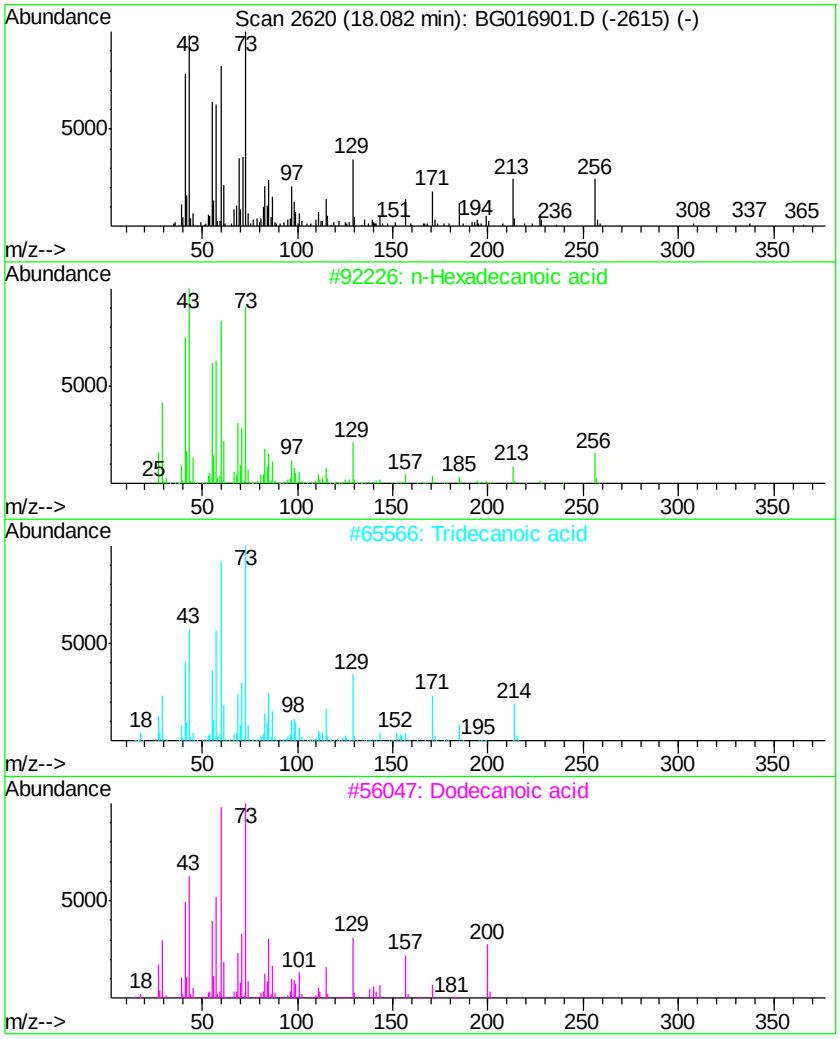
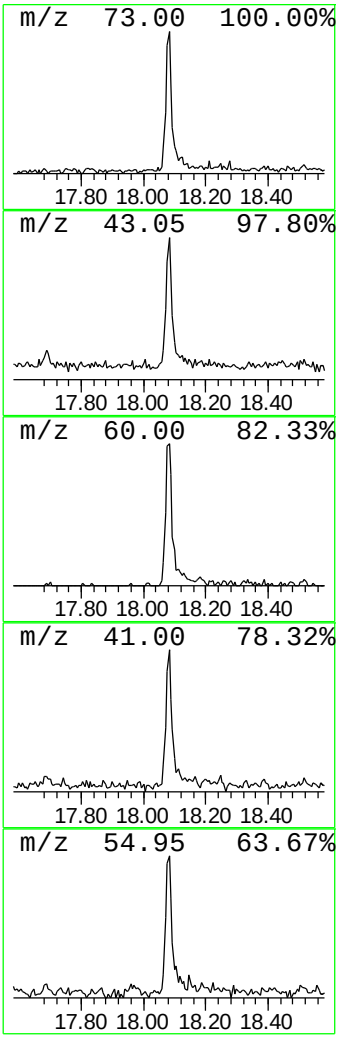
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	3.66 ng	209133	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53





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Instrument : BNA_G
ClientSampleId : 3

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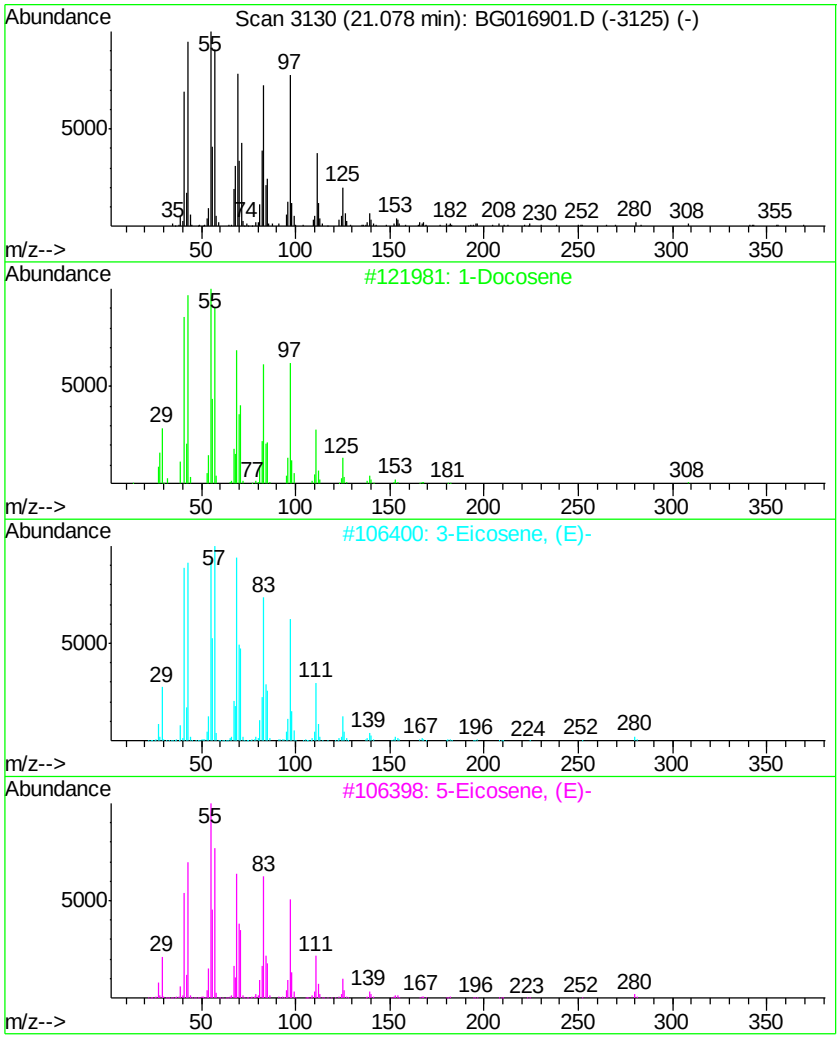
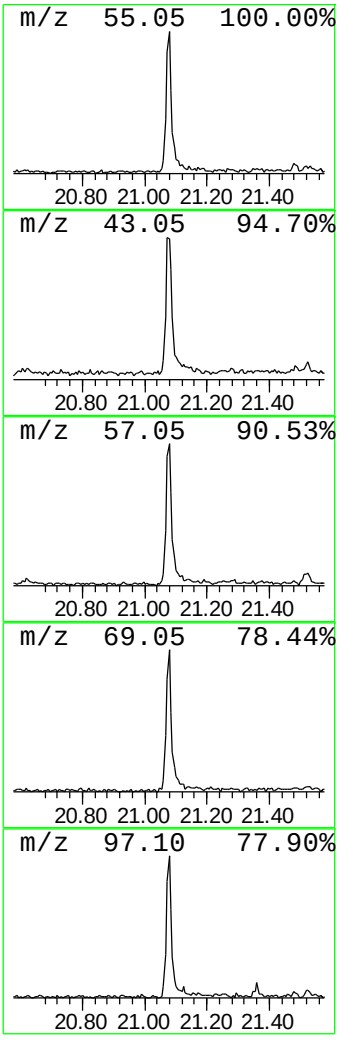
****

Peak Number 8 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	7.22 ng	440347	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	92
5	1-Heptadecanol	256	C17H36O	001454-85-9	74





Tentatively Identified Compound (LSC) summary

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Data File : BG016901.D
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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
unknown2.79	2.79	275.5	ng	6056740	1	7.80	439693	20.0
Butane, 2-methoxy...	3.01	9.2	ng	202800	1	7.80	439693	20.0
2-Pentanone, 4-hy...	4.92	7.8	ng	171226	1	7.80	439693	20.0
unknown7.34	7.34	80.7	ng	1773590	1	7.80	439693	20.0
n-Hexadecanoic acid	18.08	3.7	ng	209133	4	17.18	1143780	20.0
1-Docosene	21.08	7.2	ng	440347	5	21.36	1219310	20.0