LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016939.D
Acq On : 8 May 2015 2:27
Operator : TP/IZ
Sample : G2084-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 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-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	2.787	12	17	36	rBV	6319420	10106012	100.00%	23.711%
2	2.917	36	39	50	rVV	212229	448151	4.43%	1.051%
3	2.999	50	53	59	rVV	248354	311322	3.08%	0.730%
4	4.920	375	380	390	rBV	165350	264725	2.62%	0.621%
5	5.384	451	459	467	rBV	1672416	2472096	24.46%	5.800%
6	6.971	720	729	736	rBV	1819474	2857221	28.27%	6.704%
7	7.329	783	790	798	rBV	1669917	2698370	26.70%	6.331%
8	7.799	860	870	877	rBV	302791	486762	4.82%	1.142%
9	8.116	917	924	930	rBV	1126924	1841058	18.22%	4.320%
10	8.334	955	961	967	rVB	122153	199298	1.97%	0.468%
11	8.957	1059	1067	1077	rVB	1052728	1756709	17.38%	4.122%
12	10.590	1335	1345	1349	rBV	413052	696699	6.89%	1.635%
13	10.637	1349	1353	1360	rVB	418559	688670	6.81%	1.616%
14	13.058	1757	1765	1771	rBV	2299896	3313821	32.79%	7.775%
15	13.892	1902	1907	1916	rVB	148292	214090	2.12%	0.502%
16	14.432	1992	1999	2006	rBV2	609125	939001	9.29%	2.203%
17	15.919	2245	2252	2265	rBV	2063598	3061220	30.29%	7.182%
18	17.176	2460	2466	2471	rBV2	822879	1177336	11.65%	2.762%
19	18.075	2613	2619	2628	rBV2	265685	394076	3.90%	0.925%
20	19.356	2833	2837	2841	rBV2	98739	126685	1.25%	0.297%
21	19.809	2908	2914	2922	rBV	4164898	5047627	49.95%	11.843%
22	21.066	3124	3128	3139	rBV	591330	777450	7.69%	1.824%
23	21.360	3172	3178	3188	rVB	1005492	1331416	13.17%	3.124%
24	23.663	3562	3570	3580	rVB2	649208	1252955	12.40%	2.940%
25	24.321	3676	3682	3689	rBV8	73969	158612	1.57%	0.372%

Sum of corrected areas: 42621382

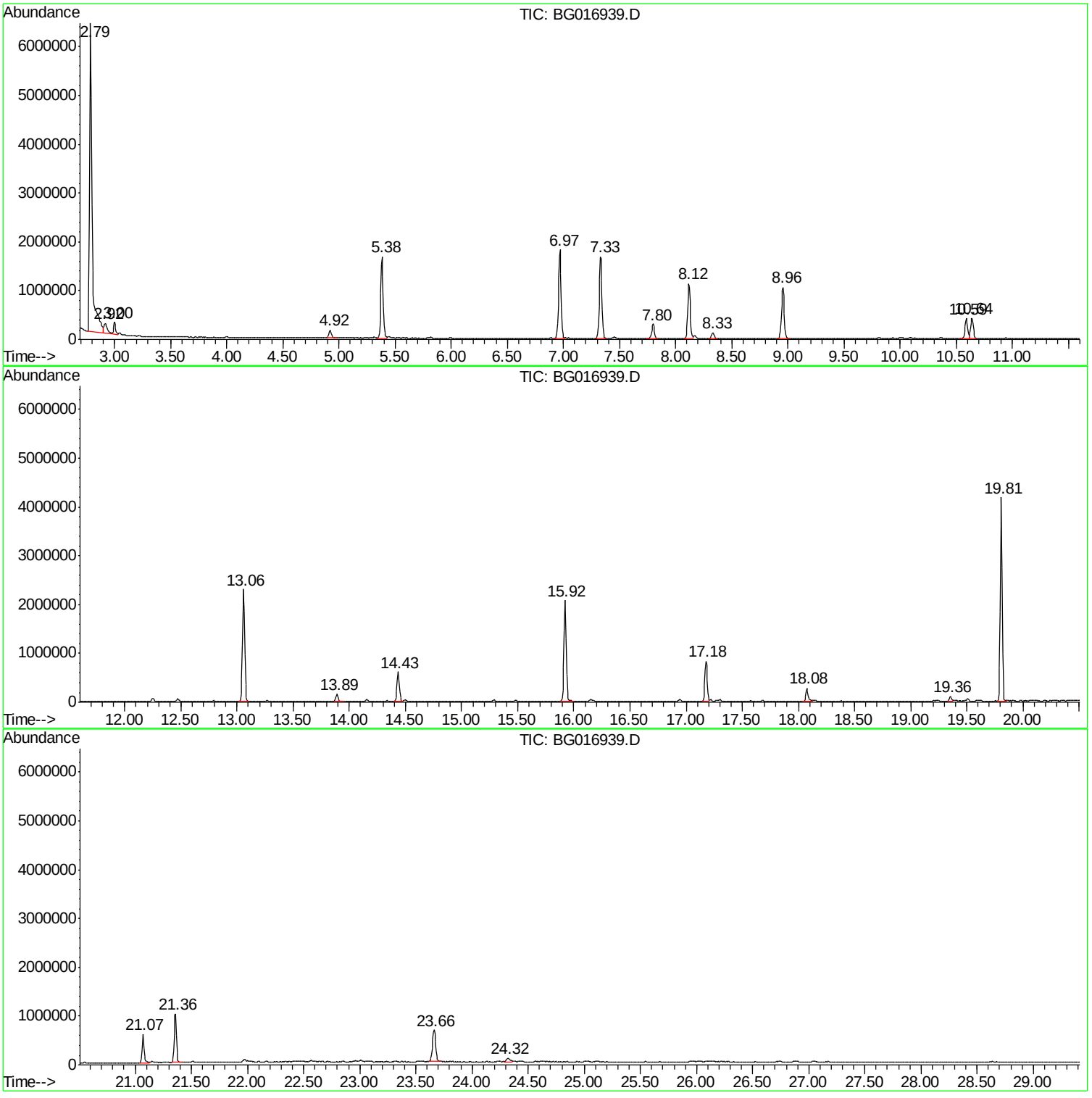
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016939.D
Acq On : 8 May 2015 2:27
Operator : TP/IZ
Sample : G2084-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4

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\BG050715\
Data File : BG016939.D
Acq On : 8 May 2015 2:27
Operator : TP/IZ
Sample : G2084-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4

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

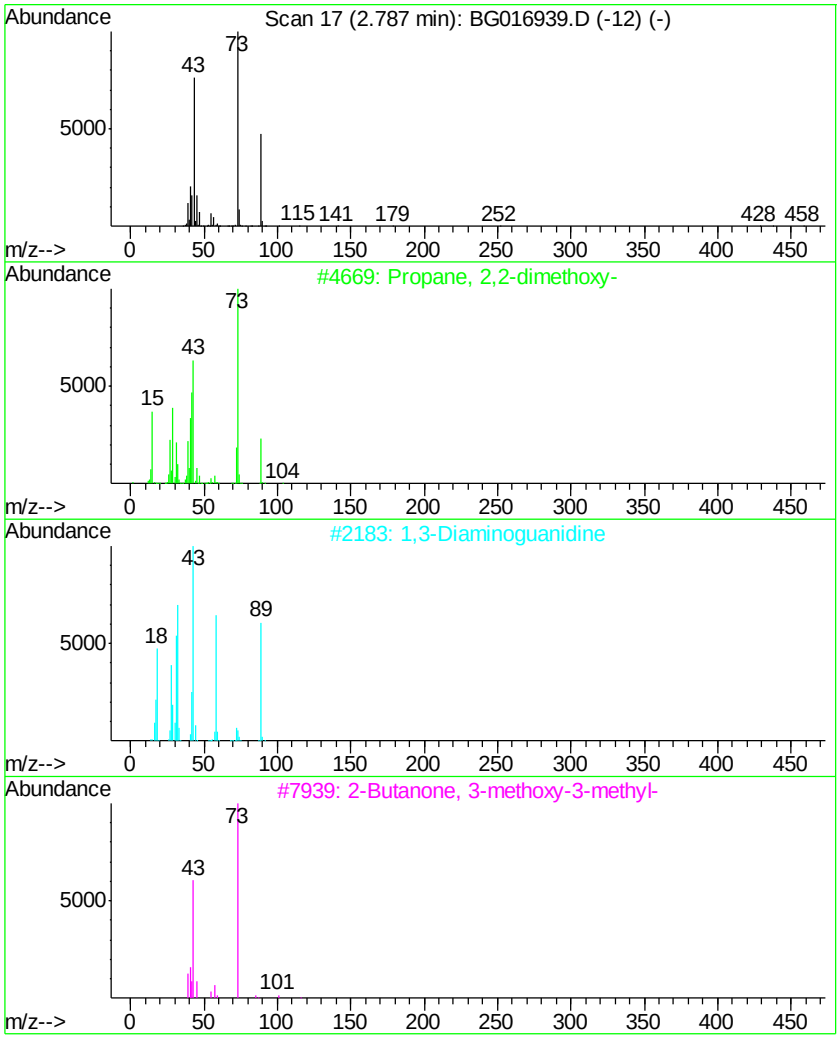
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

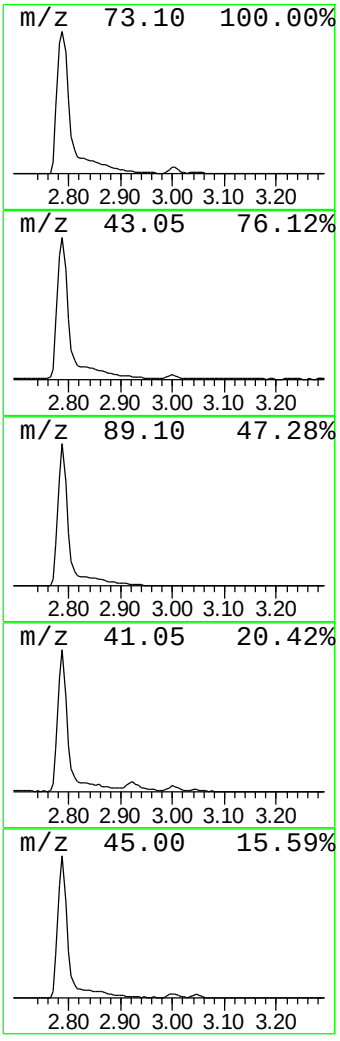
****

Peak Number 1 unknown2.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	415.23 ng	10106000	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	36
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	33
3	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	32
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	32
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	16





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016939.D
Acq On : 8 May 2015 2:27
Operator : TP/IZ
Sample : G2084-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4

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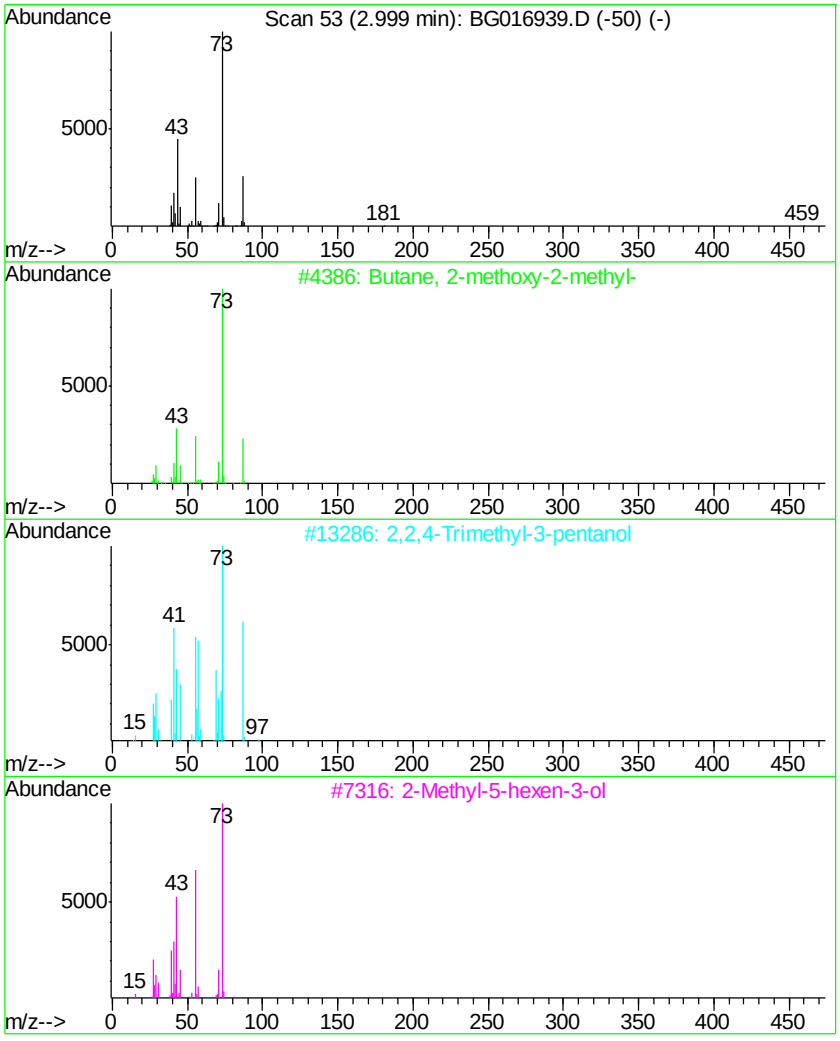
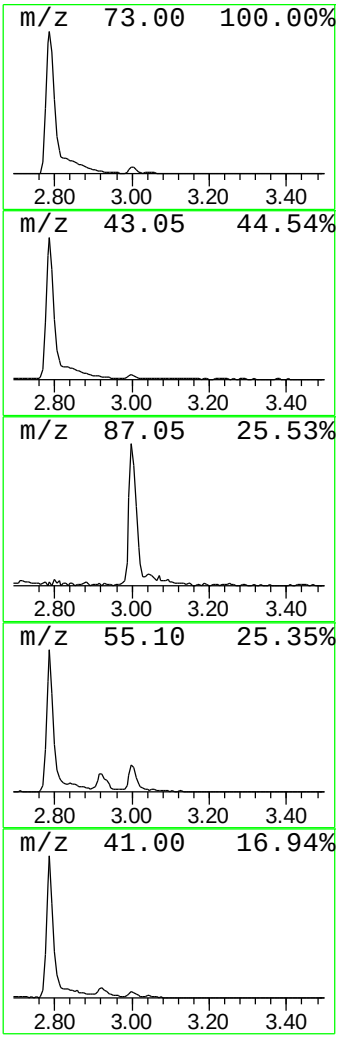
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	12.79 ng	311322	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016939.D
Acq On : 8 May 2015 2:27
Operator : TP/IZ
Sample : G2084-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4

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

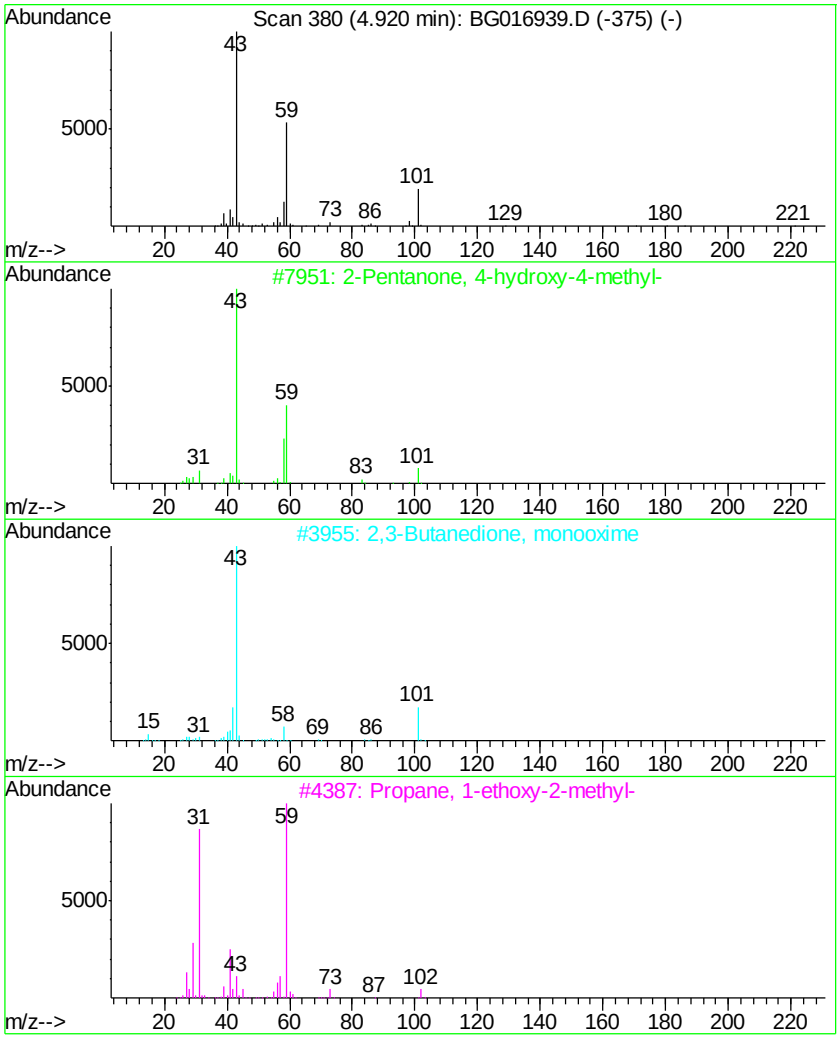
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

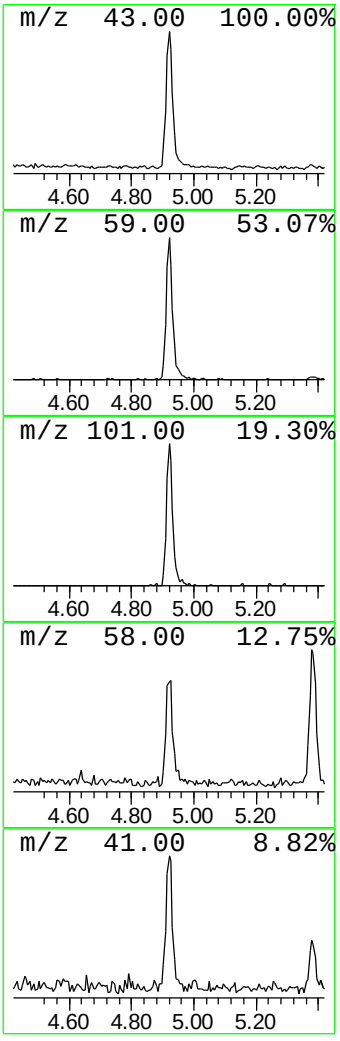
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	10.88 ng	264725	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	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
4	Silane, dimethyl-	60	C2H8Si	001111-74-6	9
5	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016939.D
Acq On : 8 May 2015 2:27
Operator : TP/IZ
Sample : G2084-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4

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

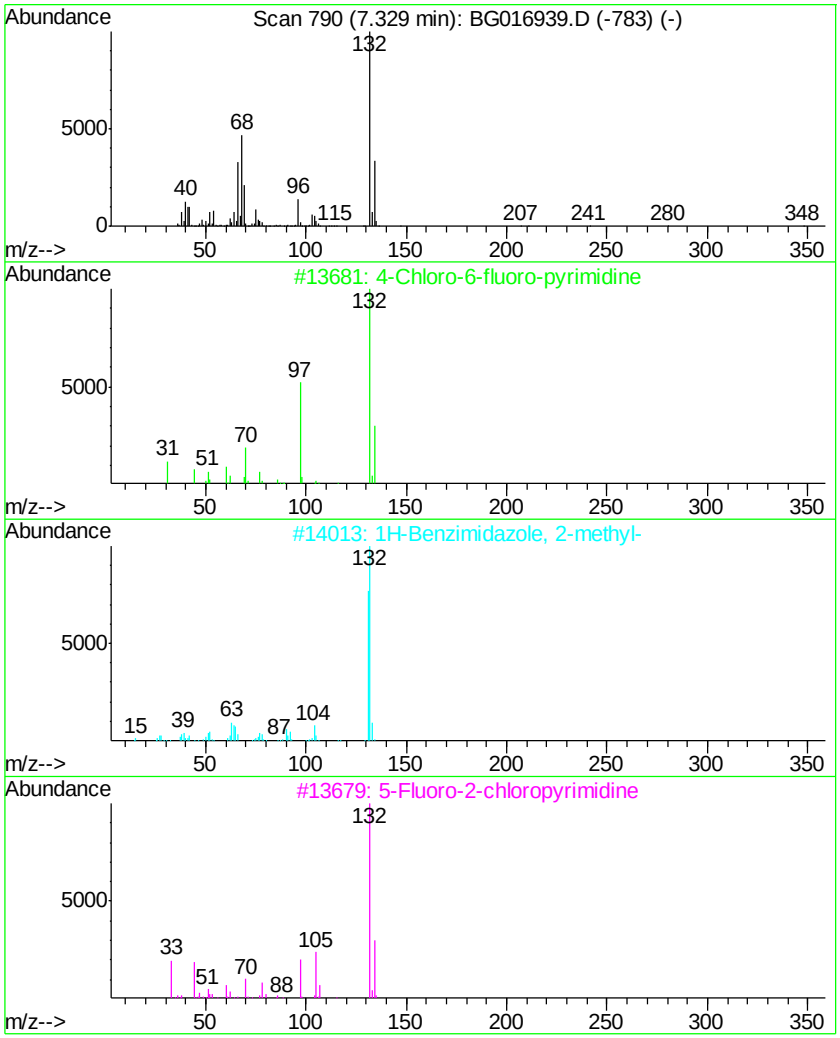
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

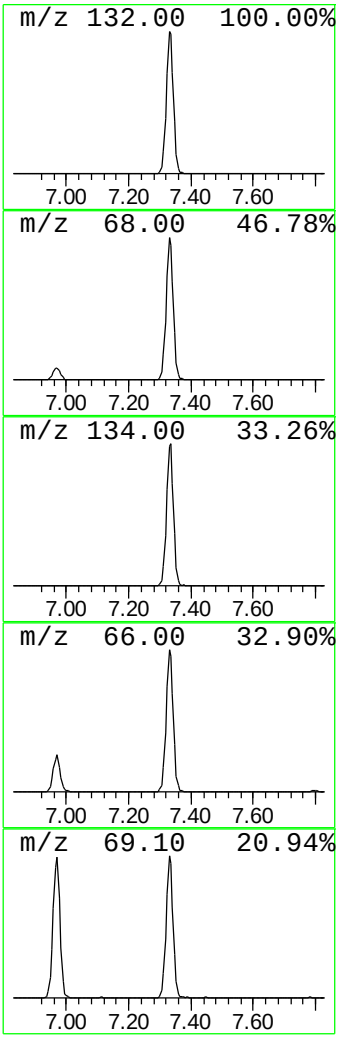
****

Peak Number 5 unknown7.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	110.87 ng	2698370	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016939.D
Acq On : 8 May 2015 2:27
Operator : TP/IZ
Sample : G2084-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4

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

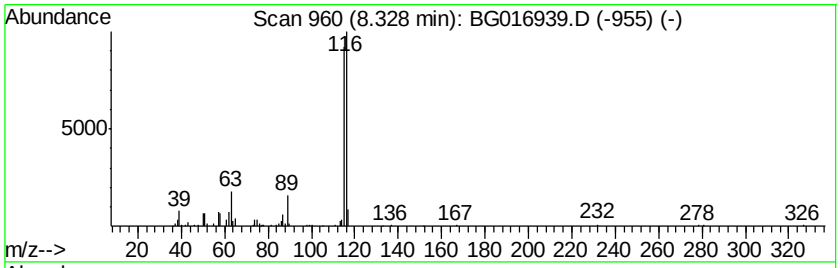
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

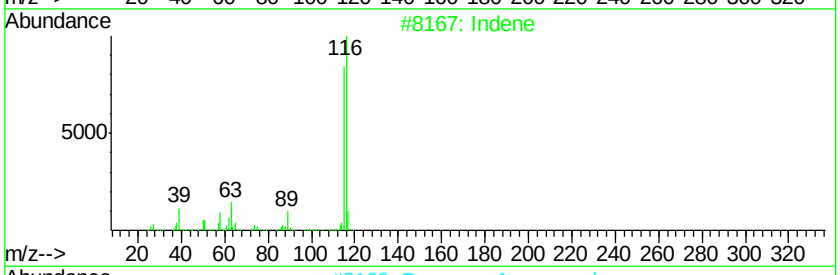
****

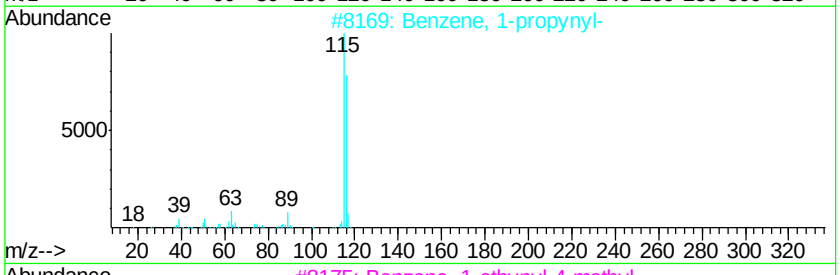
Peak Number 7 Indene Concentration Rank 8

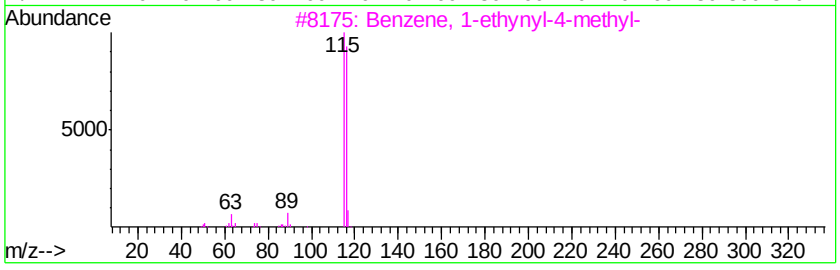
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	8.19 ng	199298	1,4-Dichlorobenzene-d4	7.80

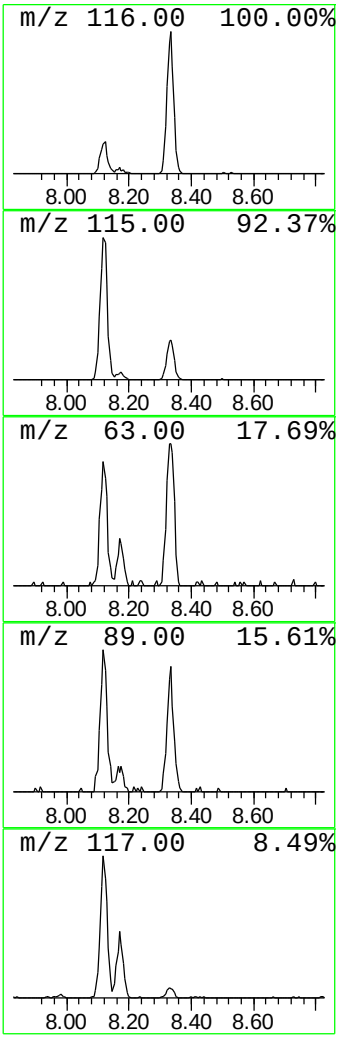
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	91
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	86
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	86
4	1,4-Epoxynaphthalene, 1,4-dihydro-	144	C10H8O	000573-57-9	45
5	1a,6a-Dihydro-1H-6-thiacycloprop...	180	C9H8O2S	148323-41-5	45











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Misc :
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Instrument : BNA_G
ClientSampleId : 4

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

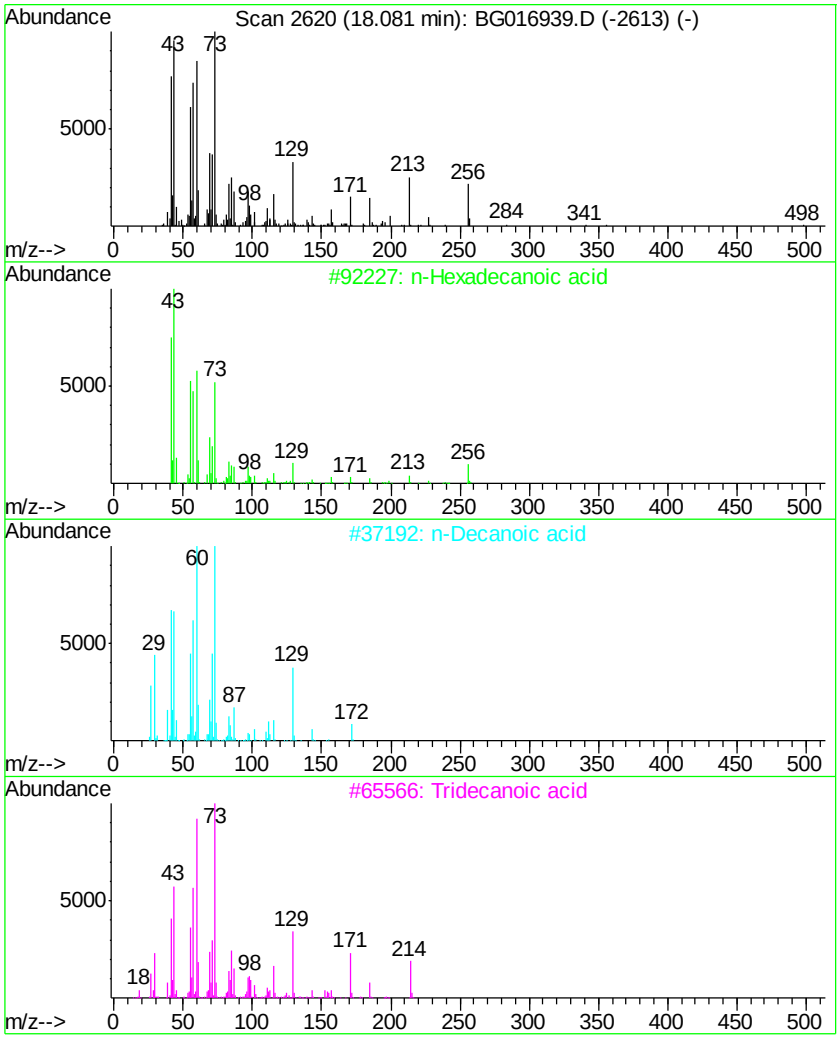
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

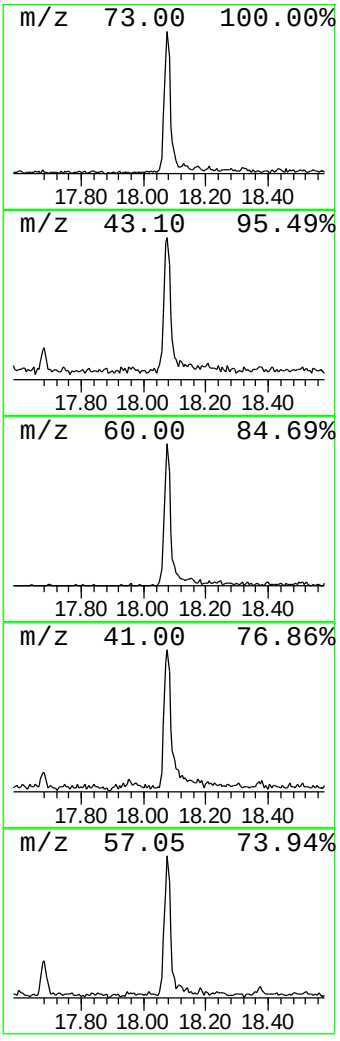
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	6.69 ng	394076	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	n-Decanoic acid	172	C10H20O2	000334-48-5	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	Eicosane	282	C20H42	000112-95-8	25





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Data File : BG016939.D
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Operator : TP/IZ
Sample : G2084-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4

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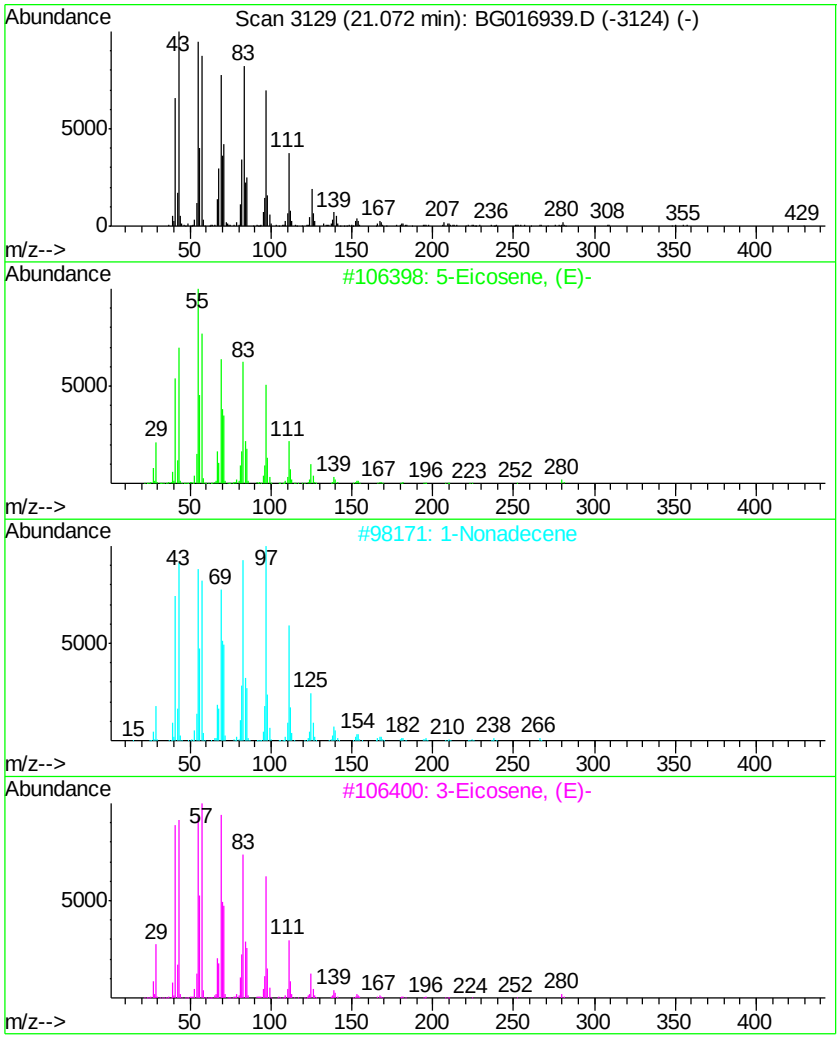
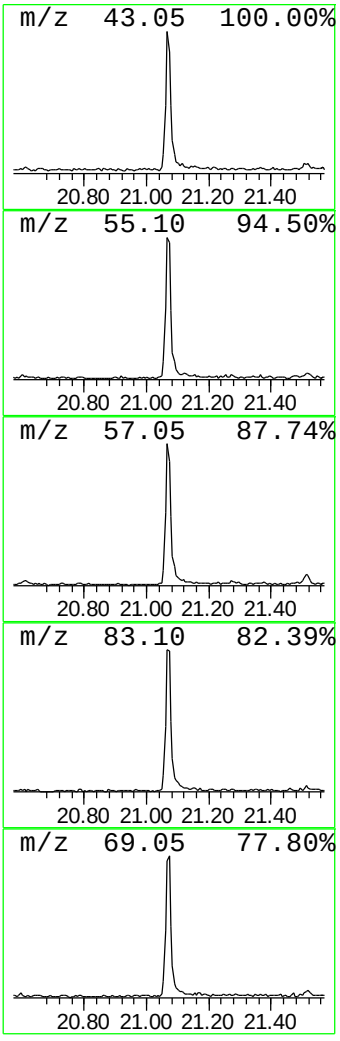
****

Peak Number 9 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	11.68 ng	777450	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	1-Heptadecanol	256	C17H36O	001454-85-9	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91





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Instrument : BNA_G
ClientSampleId : 4

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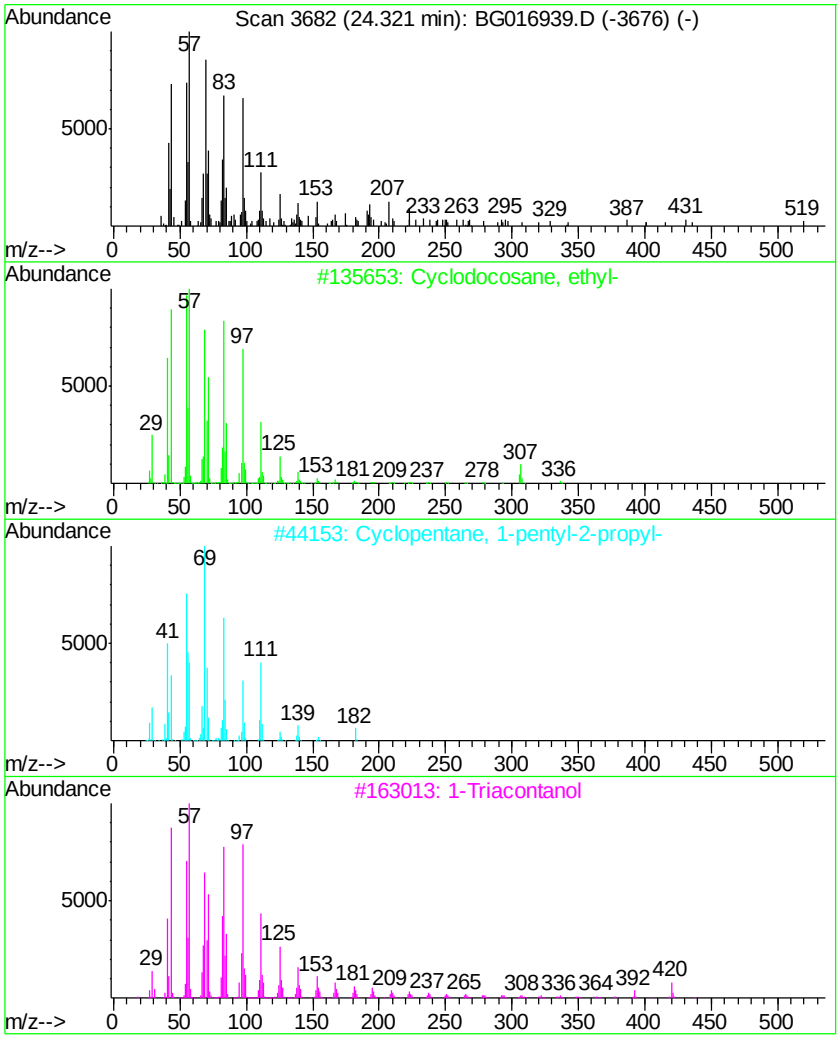
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

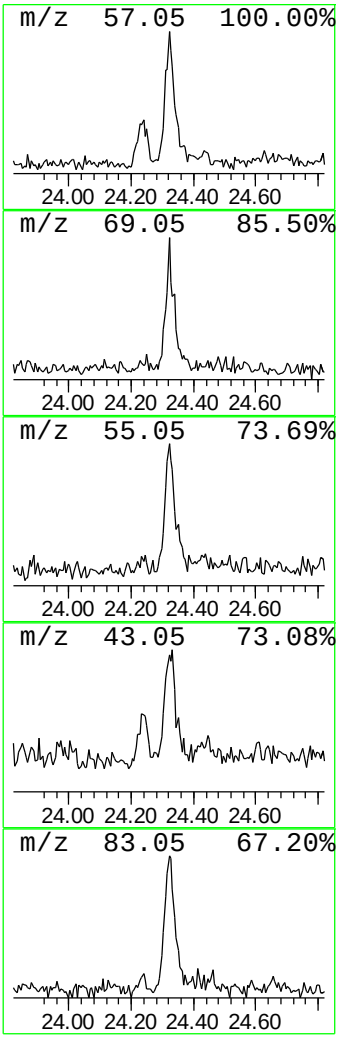
****

Peak Number 10 Cyclodocosane, ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.32	2.53 ng	158612	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	64
2	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	64
3	1-Triacontanol	438	C30H62O	000593-50-0	53
4	2-Heptadecenal	252	C17H32O	1000143-48-6	50
5	1-Octadecene	252	C18H36	000112-88-9	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050715\
Data File : BG016939.D
Acq On : 8 May 2015 2:27
Operator : TP/IZ
Sample : G2084-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.79	2.79	415.2	ng	10106000	1	7.80	486762	20.0
Butane, 2-methoxy...	3.00	12.8	ng	311322	1	7.80	486762	20.0
2-Pentanone, 4-hy...	4.92	10.9	ng	264725	1	7.80	486762	20.0
unknown7.33	7.33	110.9	ng	2698370	1	7.80	486762	20.0
Indene	8.33	8.2	ng	199298	1	7.80	486762	20.0
n-Hexadecanoic acid	18.08	6.7	ng	394076	4	17.18	1177340	20.0
5-Eicosene, (E)-	21.07	11.7	ng	777450	5	21.36	1331420	20.0
Cyclodocosane, et...	24.32	2.5	ng	158612	6	23.66	1252960	20.0