LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050115\
Data File : BG016848.D
Acq On : 1 May 2015 17:04
Operator : TP/IZ
Sample : G2012-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FYMW-08A

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-BG042915.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	3.745	176	180	188	rVB6	12557	24482	1.16%	0.185%
2	3.939	209	213	217	rBV	21573	30177	1.43%	0.228%
3	4.380	284	288	294	rVB	29616	41700	1.98%	0.315%
4	4.868	366	371	381	rBV	229362	384389	18.23%	2.902%
5	6.483	640	646	664	rBV	129102	274606	13.02%	2.074%
6	6.801	694	700	716	rBV	515920	869807	41.25%	6.568%
7	7.259	772	778	784	rBV	163691	287786	13.65%	2.173%
8	7.576	823	832	837	rBV	515832	843326	39.99%	6.368%
9	7.623	837	840	850	rVB	82647	136541	6.48%	1.031%
10	7.752	857	862	868	rBV	25548	39568	1.88%	0.299%
11	7.946	892	895	901	rVB2	14475	21826	1.04%	0.165%
12	8.363	957	966	970	rBV	85200	145283	6.89%	1.097%
13	8.422	970	976	991	rVB2	391813	762571	36.16%	5.758%
14	8.881	1047	1054	1061	rVB	71002	103837	4.92%	0.784%
15	9.292	1120	1124	1139	rVB2	25429	51102	2.42%	0.386%
16	9.439	1143	1149	1156	rBV3	25466	48205	2.29%	0.364%
17	10.032	1240	1250	1256	rBV	277227	491222	23.30%	3.709%
18	10.085	1256	1259	1266	rVV3	34997	68193	3.23%	0.515%
19	10.156	1266	1271	1278	rVB	23022	38513	1.83%	0.291%
20	12.277	1622	1632	1637	rBV5	13586	27455	1.30%	0.207%
21	12.553	1672	1679	1697	rBV	1105102	1743497	82.68%	13.165%
22	13.416	1822	1826	1834	rBV	24786	40898	1.94%	0.309%
23	13.939	1909	1915	1924	rBV2	423268	679607	32.23%	5.132%
24	15.449	2165	2172	2189	rBV	724625	1084534	51.43%	8.189%
25	16.489	2344	2349	2353	rBV	43328	60257	2.86%	0.455%
26	16.695	2379	2384	2398	rBV	494799	800605	37.97%	6.045%
27	16.795	2398	2401	2409	rVB8	16035	35079	1.66%	0.265%
28	17.224	2469	2474	2480	rBV	25929	35655	1.69%	0.269%
29	17.629	2539	2543	2553	rBV2	74521	135737	6.44%	1.025%
30	18.928	2760	2764	2770	rBV4	38029	61986	2.94%	0.468%
31	19.356	2832	2837	2850	rBV	1869216	2108696	100.00%	15.922%
32	20.649	3053	3057	3063	rBV	73645	101205	4.80%	0.764%
33	20.908	3096	3101	3110	rBV	707551	853349	40.47%	6.443%
34	22.982	3447	3454	3467	rBV2	445193	811873	38.50%	6.130%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050115\
Data File : BG016848.D
Acq On : 1 May 2015 17:04
Operator : TP/IZ
Sample : G2012-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FYMW-08A

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-BG042915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 13243567

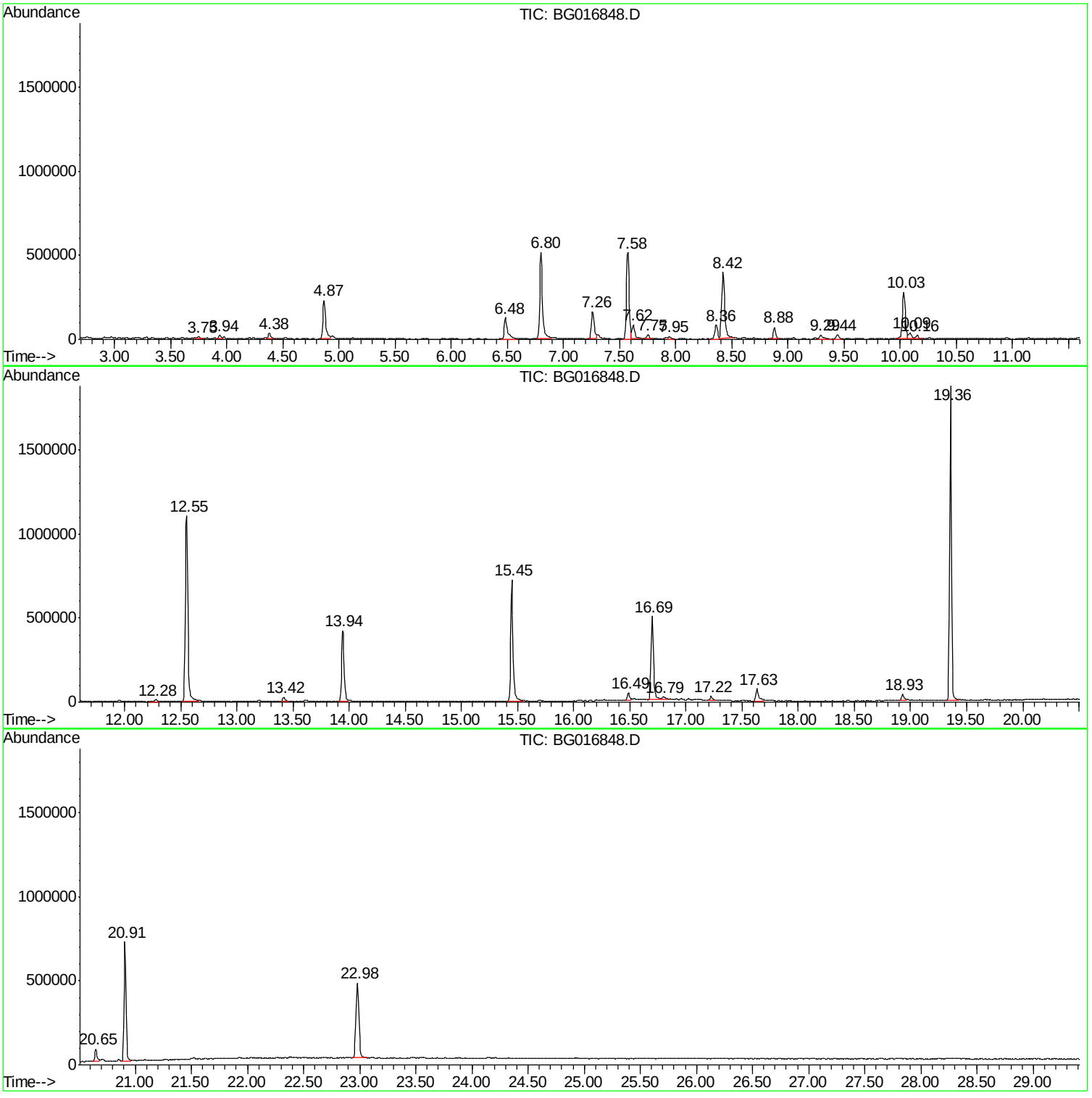
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050115\
Data File : BG016848.D
Acq On : 1 May 2015 17:04
Operator : TP/IZ
Sample : G2012-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.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\BG050115\
Data File : BG016848.D
Acq On : 1 May 2015 17:04
Operator : TP/IZ
Sample : G2012-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

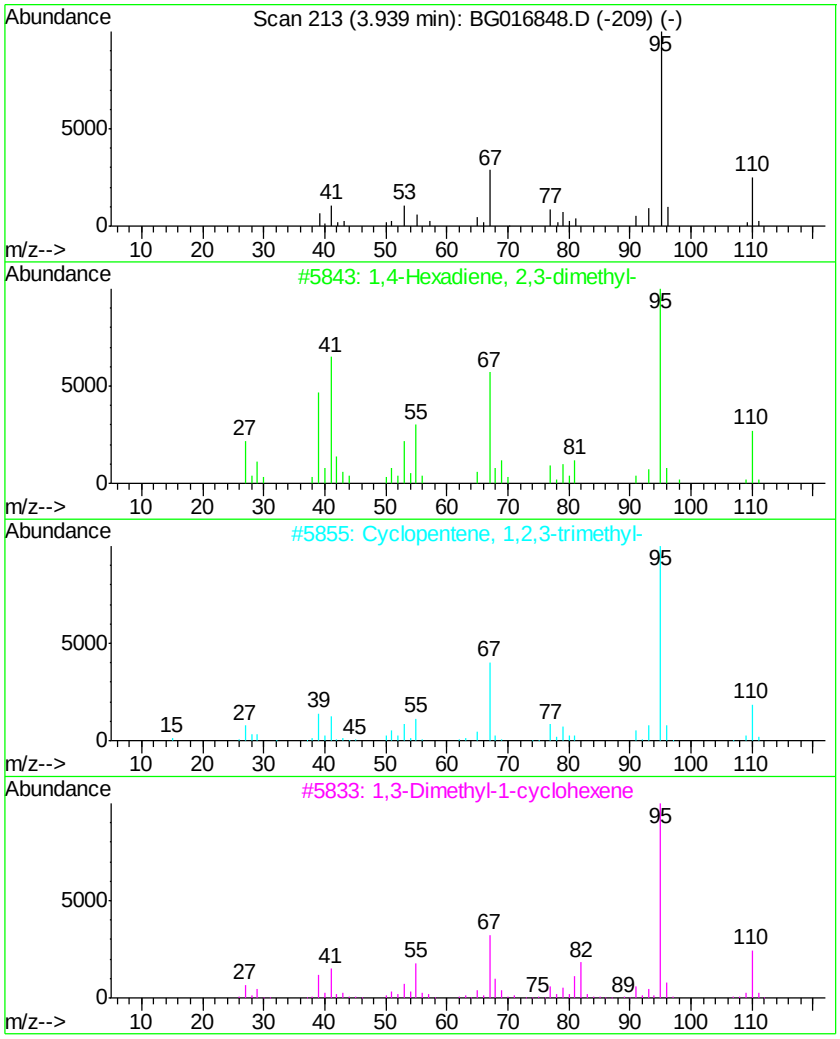
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

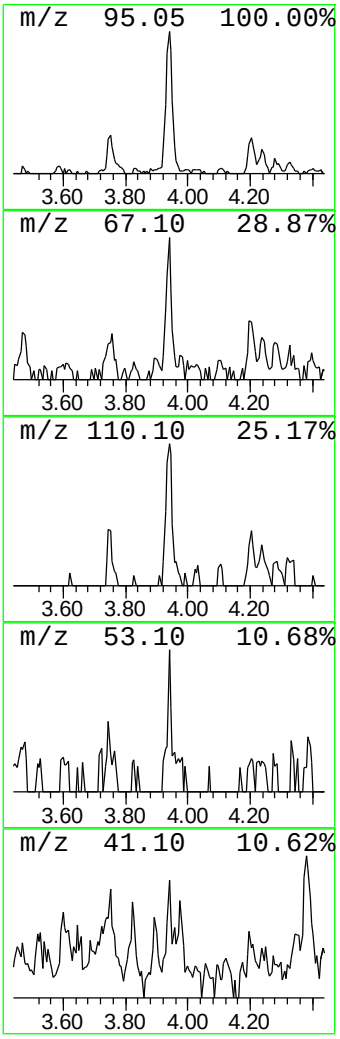
****

Peak Number 1 1,4-Hexadiene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	2.10 ng	30177	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	87
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	86
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	86
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	78
5	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050115\
Data File : BG016848.D
Acq On : 1 May 2015 17:04
Operator : TP/IZ
Sample : G2012-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

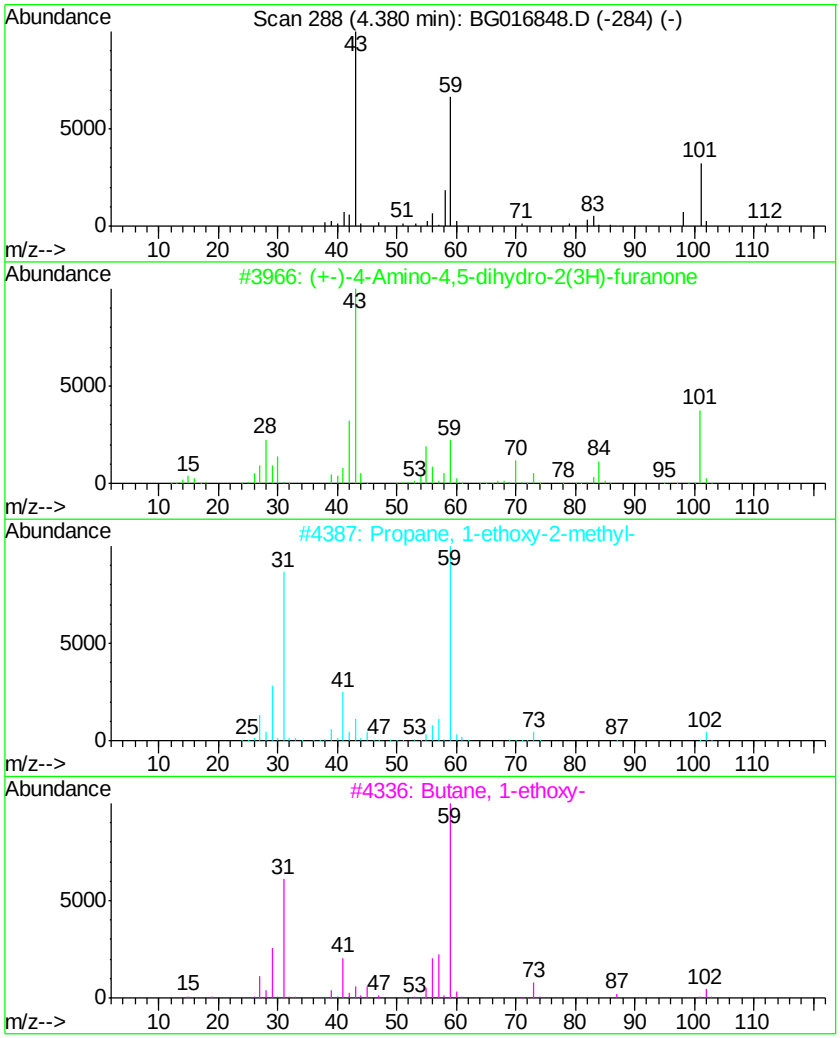
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

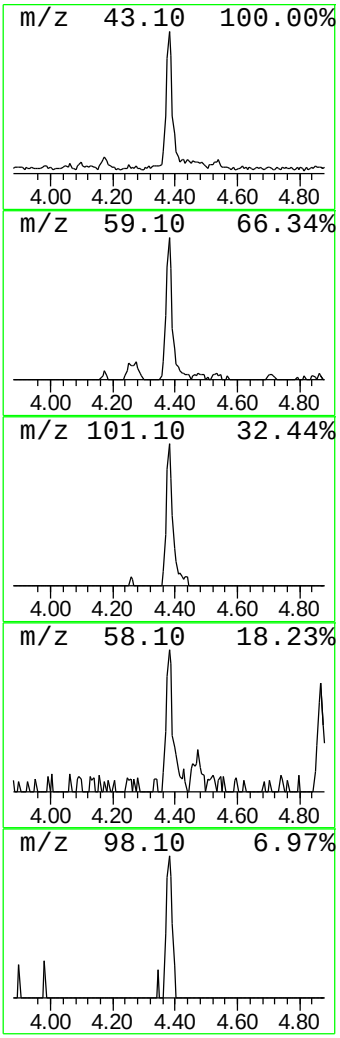
****

Peak Number 2 unknown4.38 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	2.90 ng	41700	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	22
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	10
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050115\
Data File : BG016848.D
Acq On : 1 May 2015 17:04
Operator : TP/IZ
Sample : G2012-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

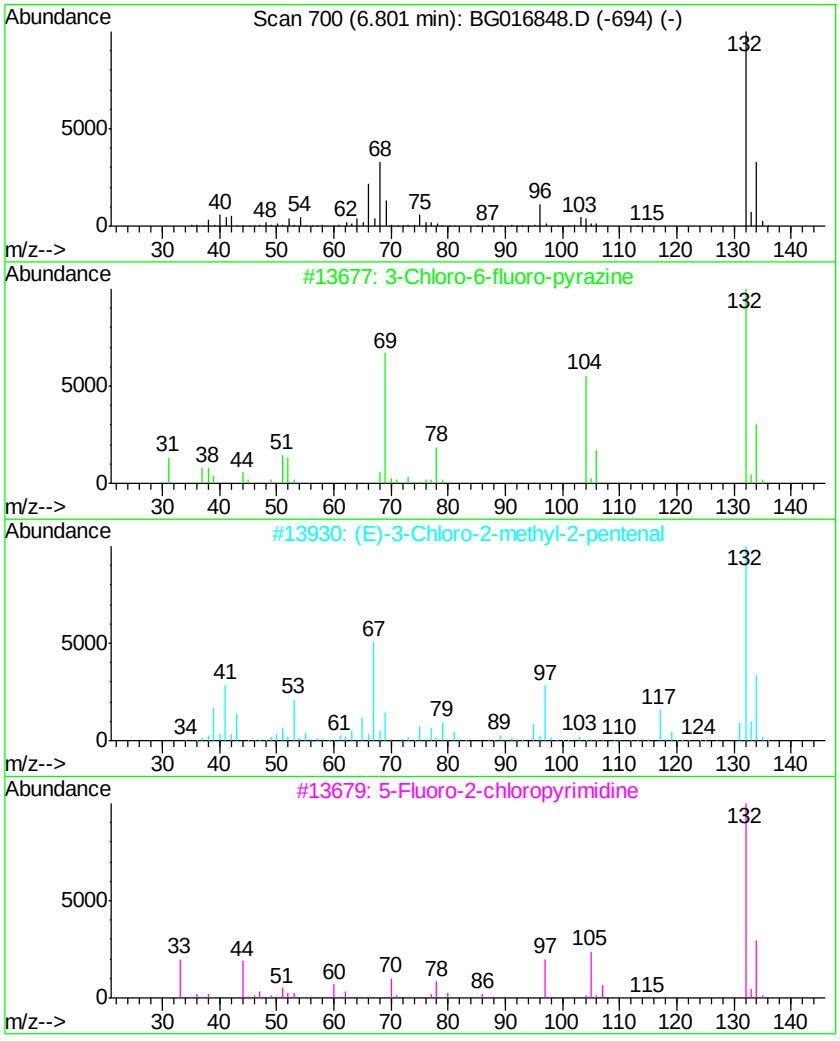
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

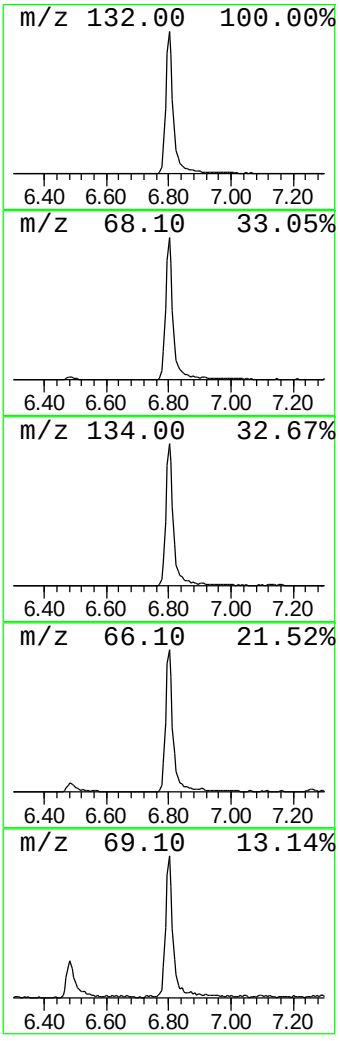
****

Peak Number 3 unknown6.80 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	60.45 ng	869807	1,4-Dichlorobenzene-d4	7.26

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	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050115\
Data File : BG016848.D
Acq On : 1 May 2015 17:04
Operator : TP/IZ
Sample : G2012-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

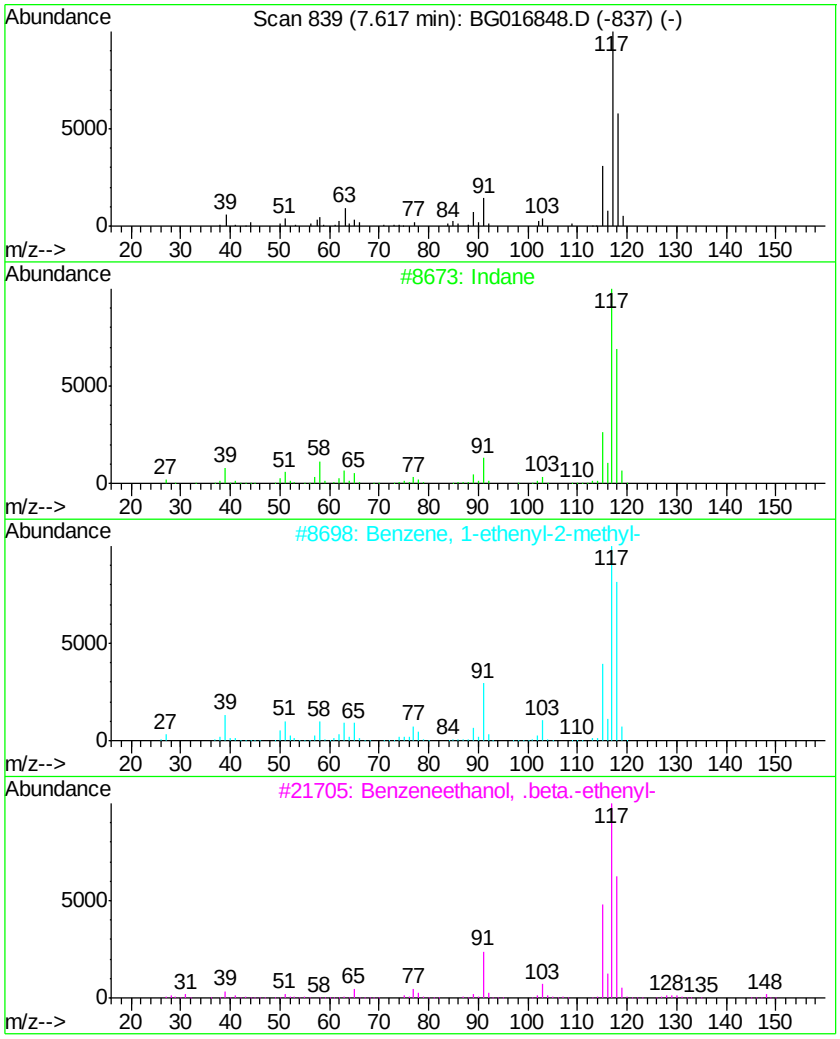
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

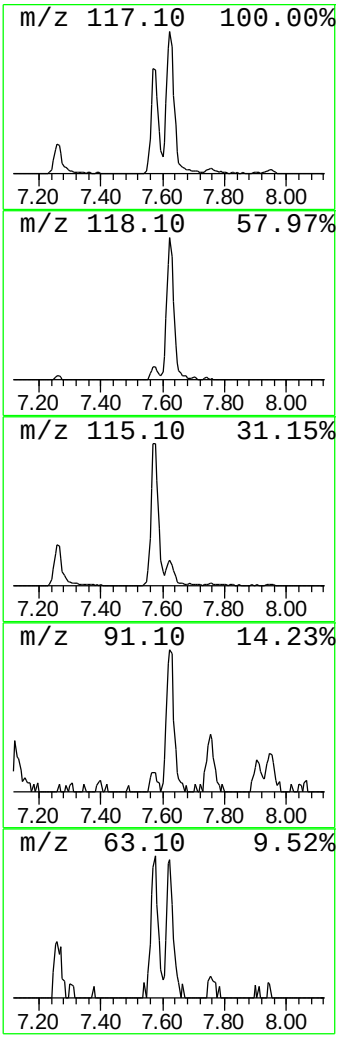
****

Peak Number 5 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	9.49 ng	136541	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
3	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	83
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050115\
Data File : BG016848.D
Acq On : 1 May 2015 17:04
Operator : TP/IZ
Sample : G2012-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

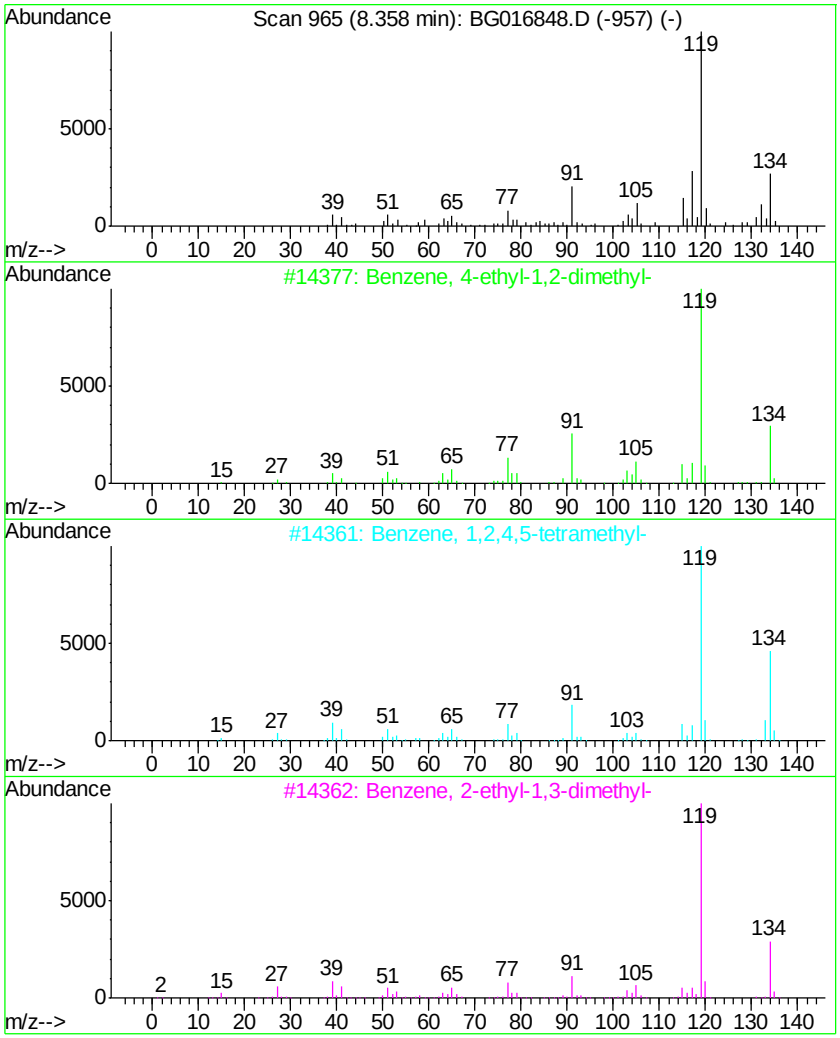
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

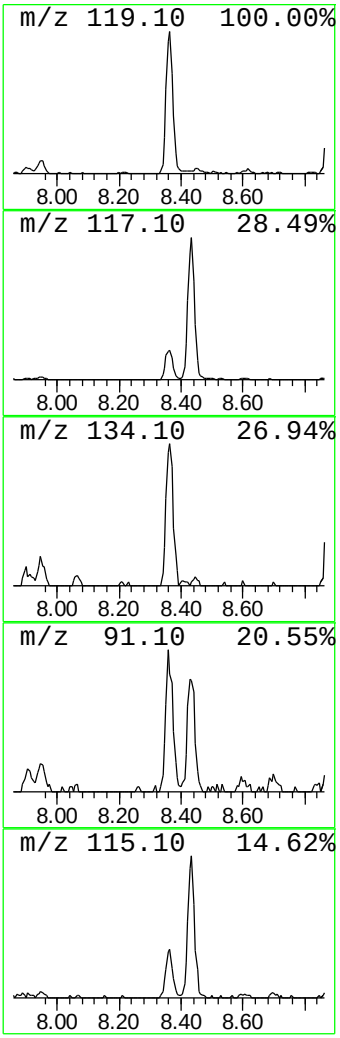
****

Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	10.10 ng	145283	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050115\
Data File : BG016848.D
Acq On : 1 May 2015 17:04
Operator : TP/IZ
Sample : G2012-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

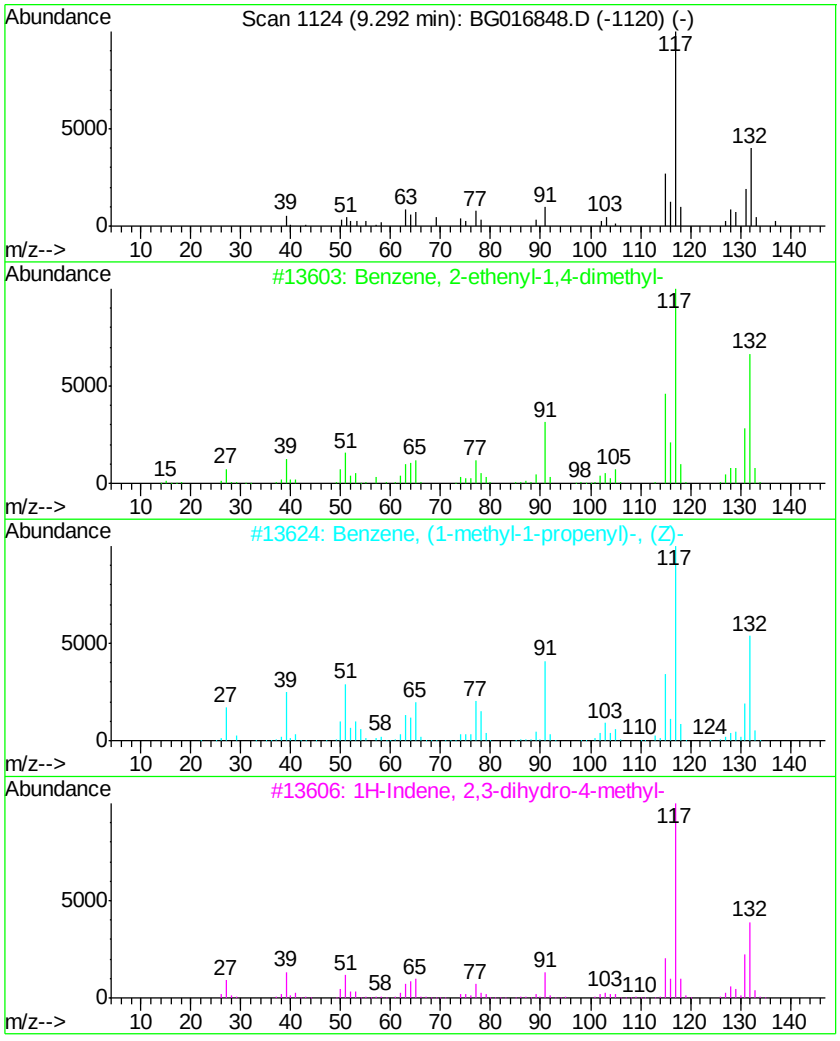
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

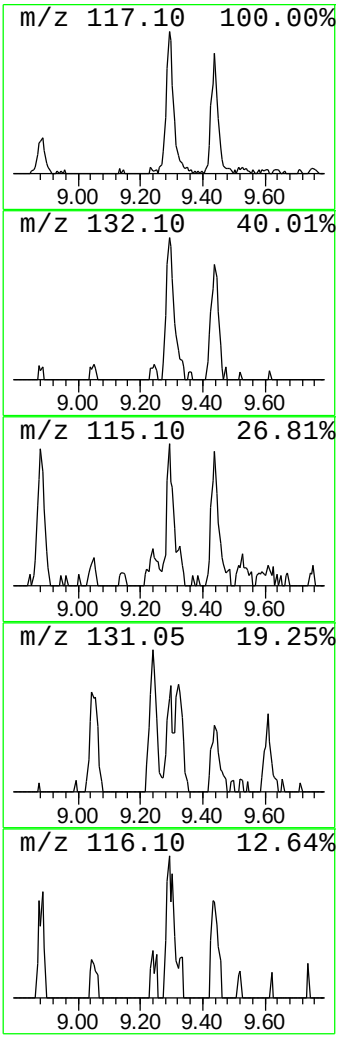
****

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	2.08 ng	51102	Naphthalene-d8	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050115\
Data File : BG016848.D
Acq On : 1 May 2015 17:04
Operator : TP/IZ
Sample : G2012-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

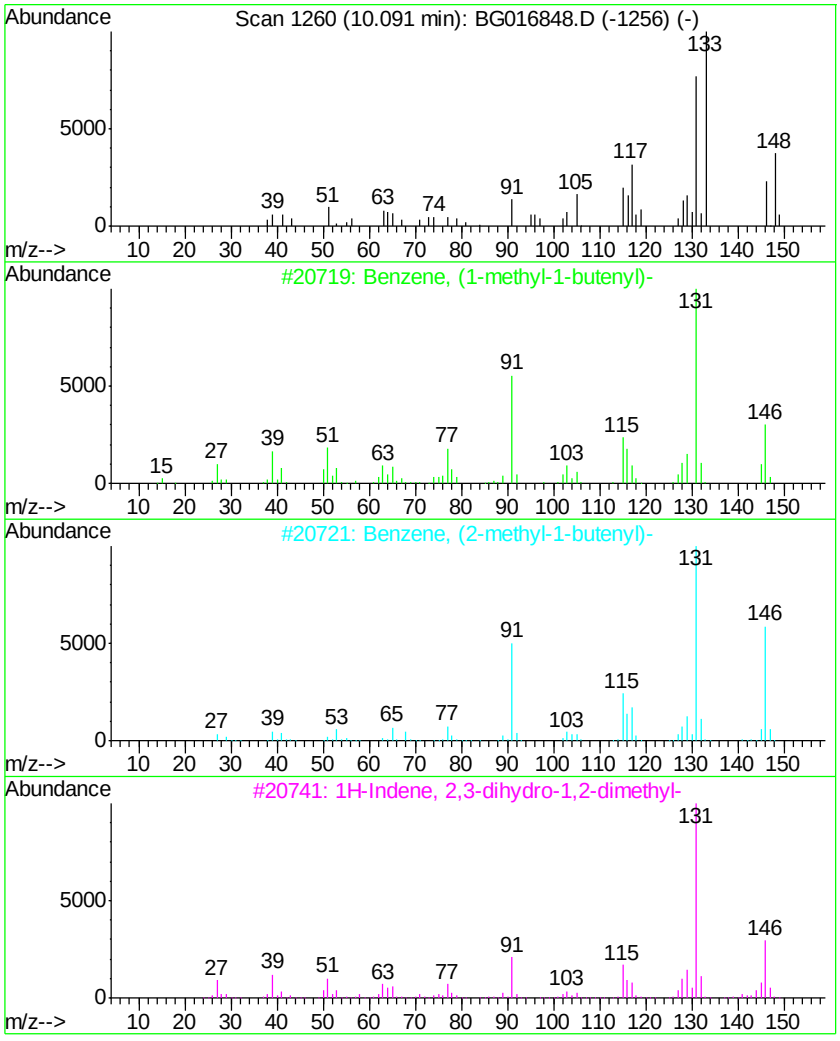
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

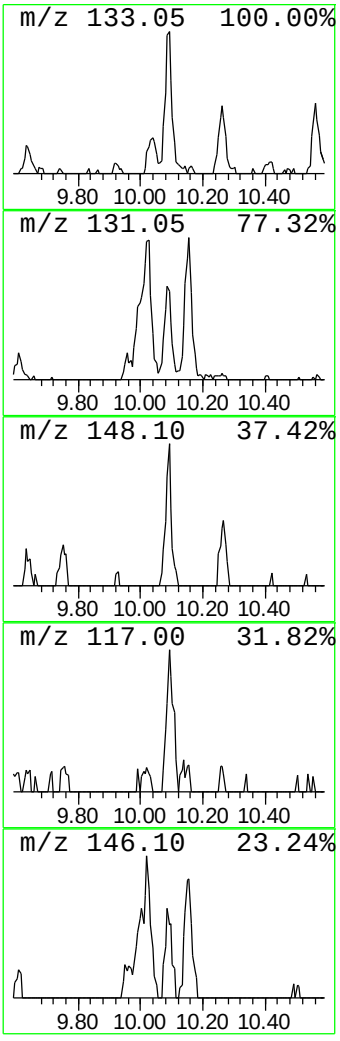
****

Peak Number 10 Benzene, (1-methyl-1-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	2.78 ng	68193	Naphthalene-d8	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	55
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050115\
Data File : BG016848.D
Acq On : 1 May 2015 17:04
Operator : TP/IZ
Sample : G2012-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

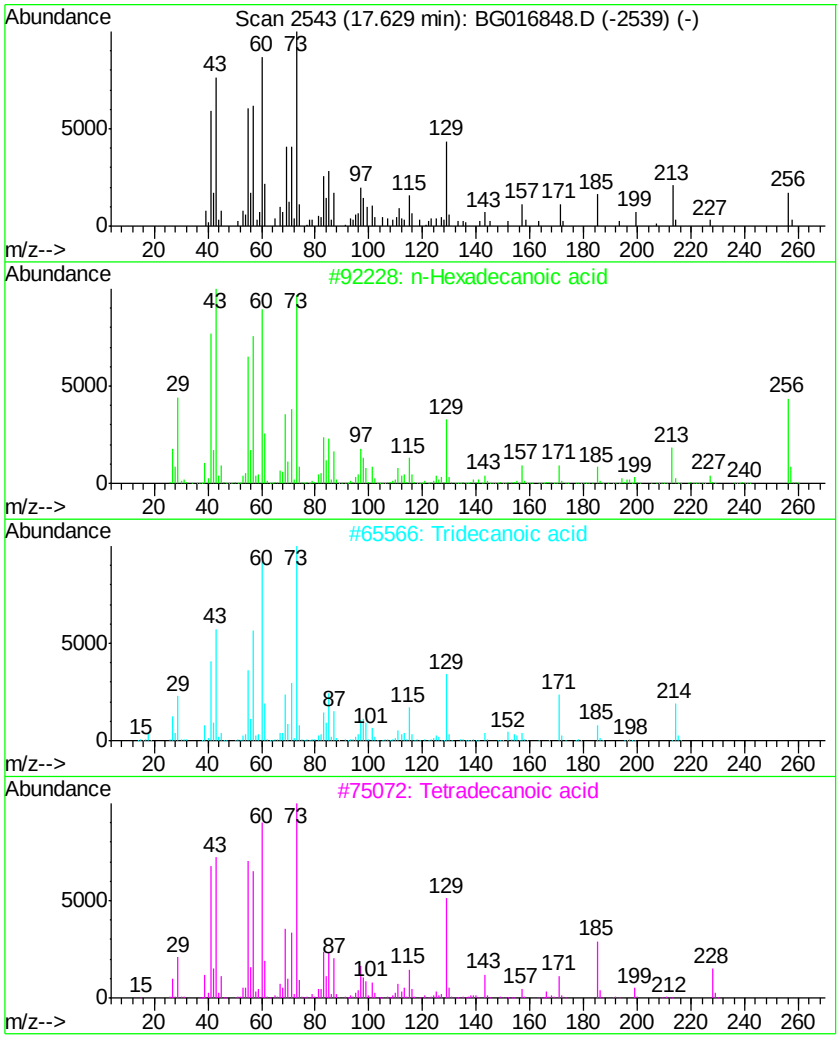
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

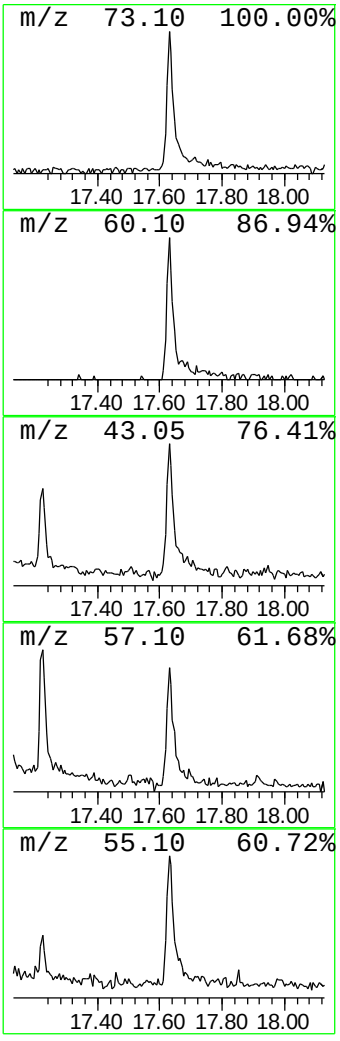
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	3.39 ng	135737	Phenanthrene-d10	16.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050115\
Data File : BG016848.D
Acq On : 1 May 2015 17:04
Operator : TP/IZ
Sample : G2012-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

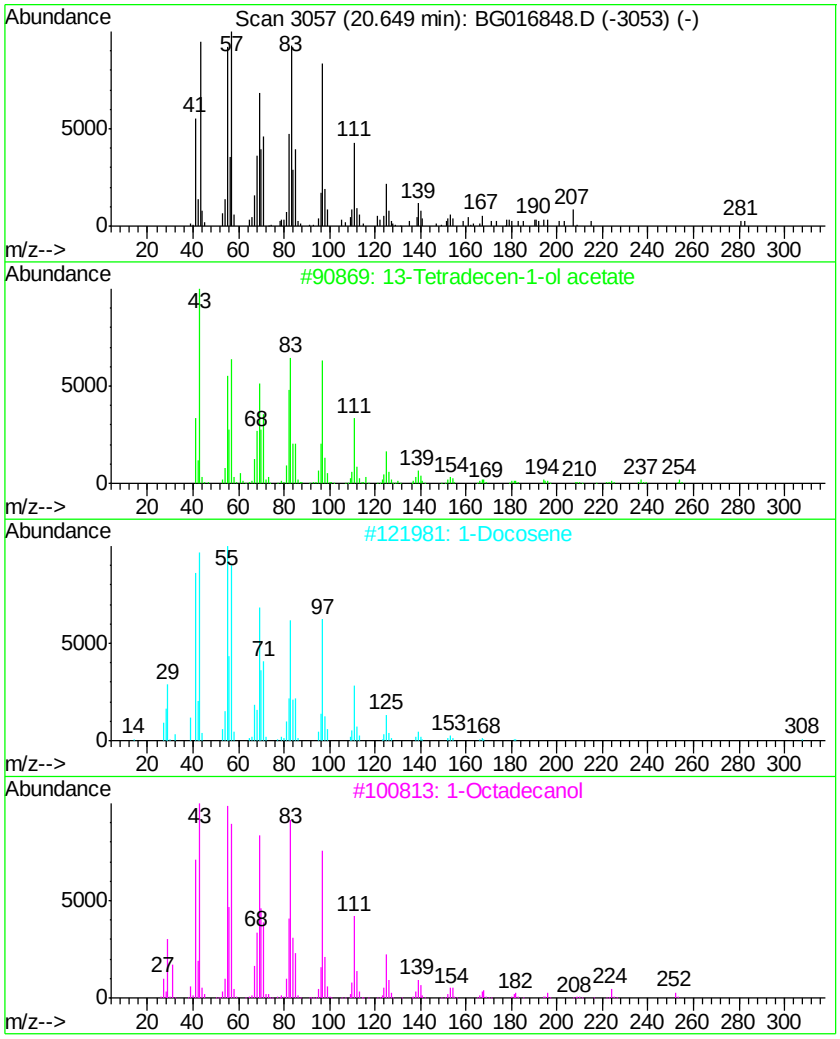
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

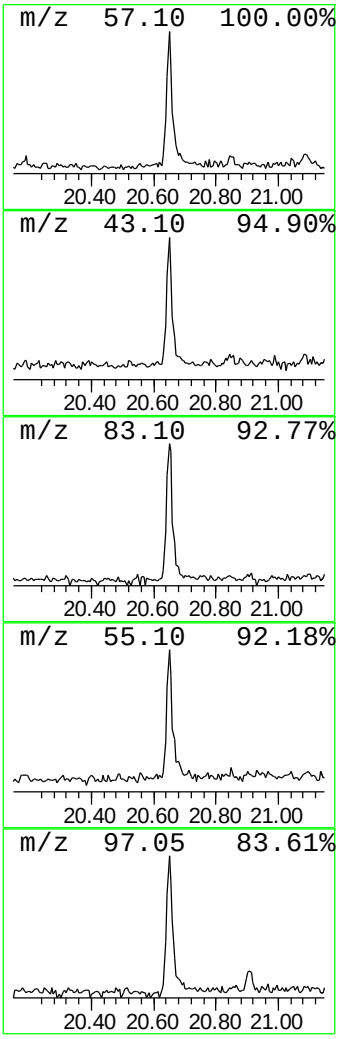
****

Peak Number 12 13-Tetradecen-1-ol acetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	2.37 ng	101205	Chrysene-d12	20.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	90
2	1-Docosene	308	C22H44	001599-67-3	90
3	1-Octadecanol	270	C18H38O	000112-92-5	87
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	86
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050115\
Data File : BG016848.D
Acq On : 1 May 2015 17:04
Operator : TP/IZ
Sample : G2012-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FYMW-08A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.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
1,4-Hexadiene, 2,...	3.94	2.1	ng	30177	1	7.26	287786	20.0
unknown4.38	4.38	2.9	ng	41700	1	7.26	287786	20.0
unknown6.80	6.80	60.5	ng	869807	1	7.26	287786	20.0
Indane	7.62	9.5	ng	136541	1	7.26	287786	20.0
Benzene, 4-ethyl-...	8.36	10.1	ng	145283	1	7.26	287786	20.0
Benzene, 2-etheny...	9.29	2.1	ng	51102	2	10.03	491222	20.0
Benzene, (1-methy...	10.09	2.8	ng	68193	2	10.03	491222	20.0
n-Hexadecanoic acid	17.63	3.4	ng	135737	4	16.69	800605	20.0
13-Tetradecen-1-o...	20.65	2.4	ng	101205	5	20.91	853349	20.0