LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022515\
Data File : BF077445.D
Acq On : 25 Feb 2015 20:43
Operator : IZ / TP
Sample : G1358-03
Misc : S/DOD
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-12-8

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_F\METHODS\8270-BF021913.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	0.944	3	5	11	rVB2	59020	71470	1.37%	0.259%
2	1.458	47	50	53	rBV	4816945	5214496	100.00%	18.902%
3	1.584	57	61	64	rVB	102831	198963	3.82%	0.721%
4	1.767	74	77	81	rVB	71957	91472	1.75%	0.332%
5	1.870	83	86	93	rVV	44389	76777	1.47%	0.278%
6	5.070	364	366	371	rVB	331499	455572	8.74%	1.651%
7	5.584	408	411	413	rBV	1180181	1667556	31.98%	6.045%
8	6.796	516	517	519	rBV	47219	52517	1.01%	0.190%
9	6.842	519	521	523	rBV	2024260	1853303	35.54%	6.718%
10	6.990	532	534	537	rBV	1382249	1828372	35.06%	6.628%
11	7.070	539	541	544	rVB	69456	61965	1.19%	0.225%
12	7.287	558	560	562	rBV	618973	551711	10.58%	2.000%
13	7.470	574	576	578	rBV	1483925	1406289	26.97%	5.098%
14	7.973	618	620	623	rVB	1120793	1075907	20.63%	3.900%
15	8.270	645	646	651	rVB	63884	72953	1.40%	0.264%
16	8.545	668	670	673	rVB	68286	79287	1.52%	0.287%
17	8.865	695	698	699	rBV	785885	754941	14.48%	2.737%
18	8.888	699	700	702	rVB	108964	86187	1.65%	0.312%
19	10.122	805	808	813	rVB	57515	74503	1.43%	0.270%
20	10.214	813	816	818	rBV	1697819	2174372	41.70%	7.882%
21	11.036	886	888	891	rVB	953800	897271	17.21%	3.253%
22	11.231	903	905	908	rBV	541079	545040	10.45%	1.976%
23	11.505	926	929	931	rBV	456294	422940	8.11%	1.533%
24	11.939	964	967	971	rVB	54845	71335	1.37%	0.259%
25	12.008	971	973	976	rBV2	1169211	1397930	26.81%	5.067%
26	12.877	1046	1049	1052	rBV	1024635	942273	18.07%	3.416%
27	14.877	1221	1224	1226	rBV	1945468	2464897	47.27%	8.935%
28	15.871	1293	1311	1317	rBV7	84391	567093	10.88%	2.056%
29	16.031	1323	1325	1330	rBV	188315	254776	4.89%	0.924%
30	16.157	1334	1336	1339	rBV	1009604	1083041	20.77%	3.926%
31	17.871	1483	1486	1489	rBV	819822	1091358	20.93%	3.956%

Sum of corrected areas: 27586567

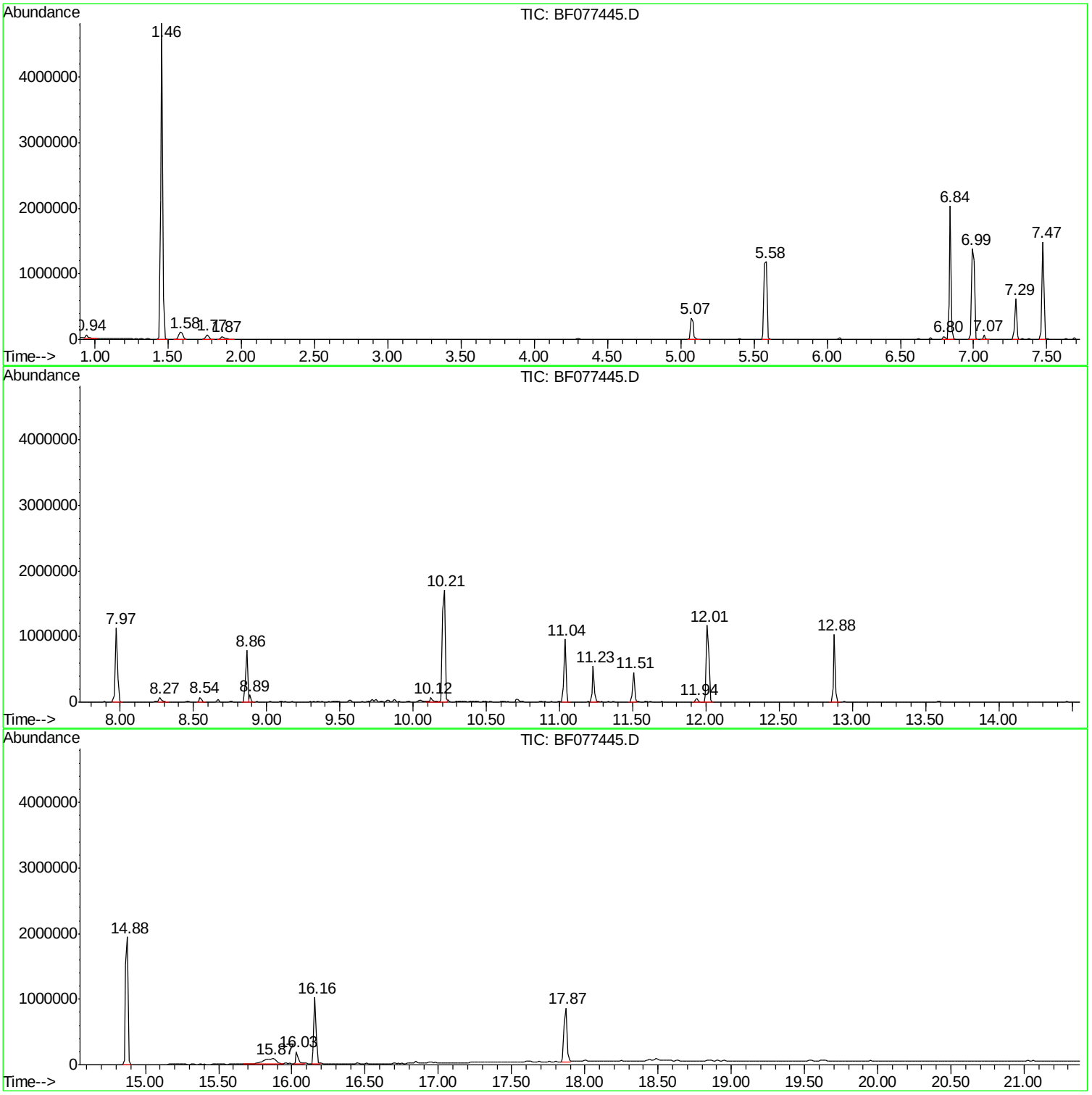
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022515\
Data File : BF077445.D
Acq On : 25 Feb 2015 20:43
Operator : IZ / TP
Sample : G1358-03
Misc : S/DOD
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-12-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

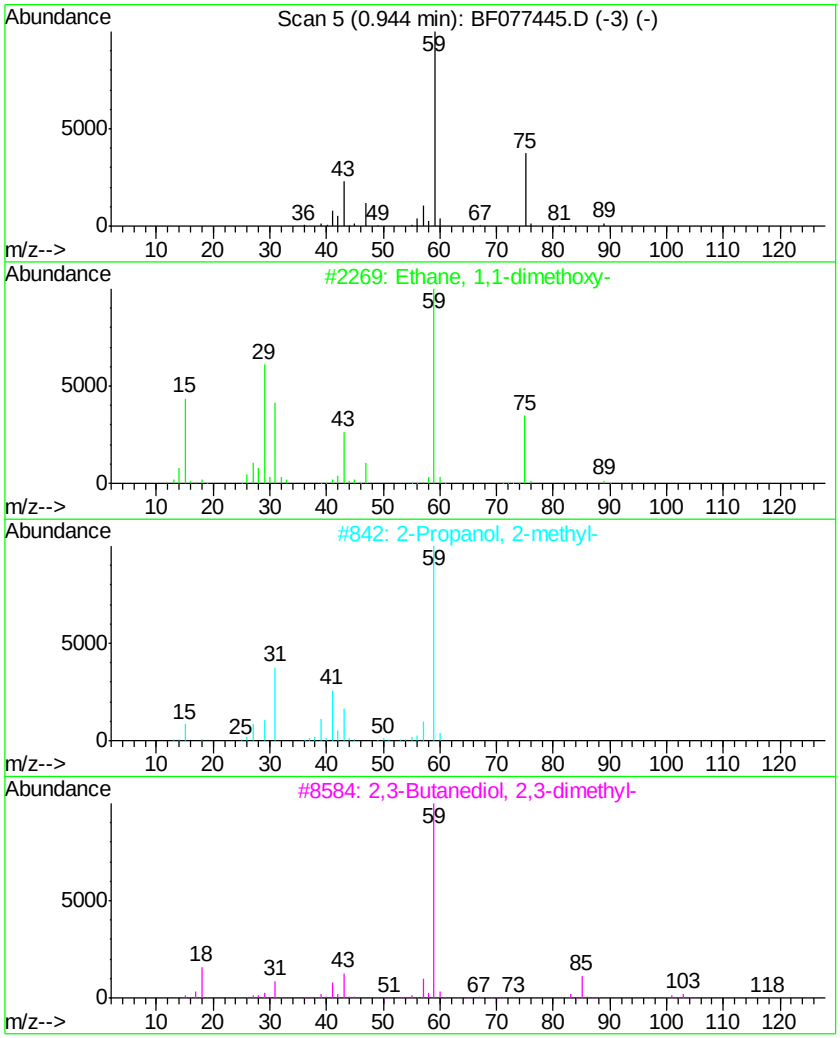
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

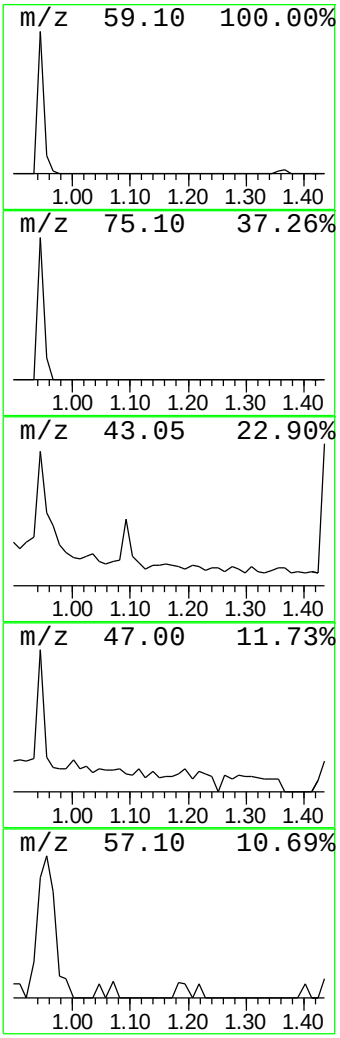
****

Peak Number 1 Ethane, 1,1-dimethoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
0.94	2.59 ng	71470	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	72
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	36
3	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	9
4	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	9
5	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	9





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Data File : BF077445.D
Acq On : 25 Feb 2015 20:43
Operator : IZ / TP
Sample : G1358-03
Misc : S/DOD
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-12-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

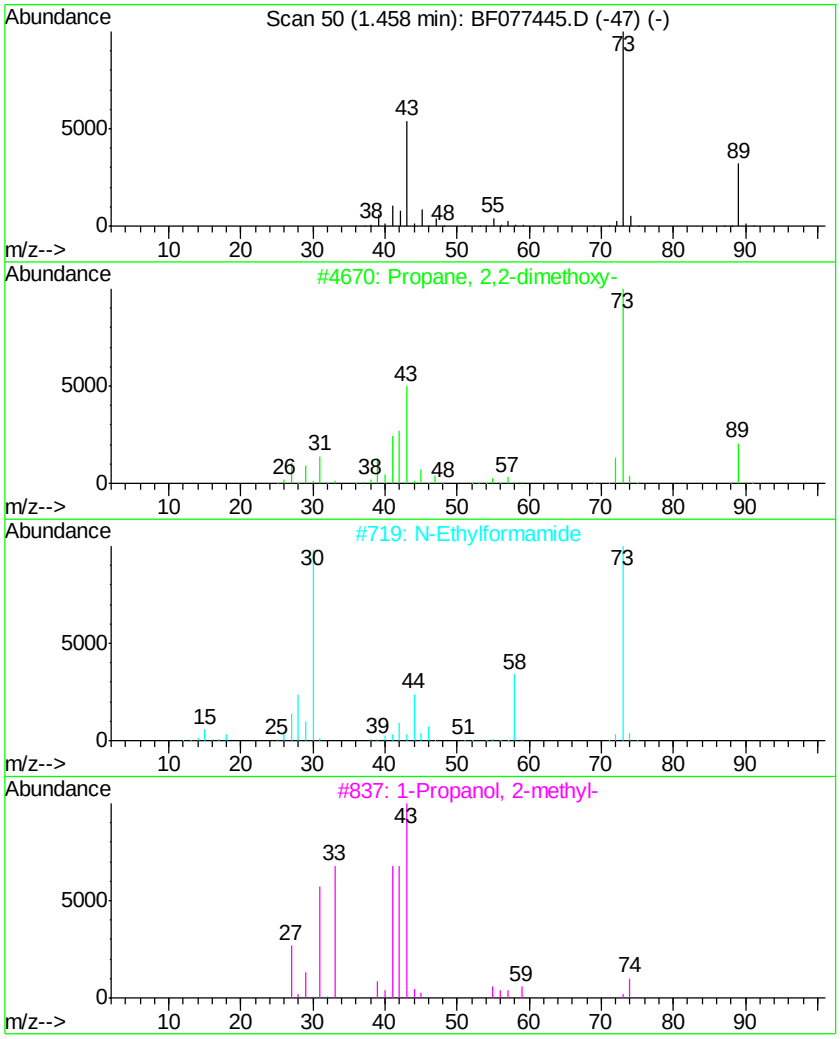
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

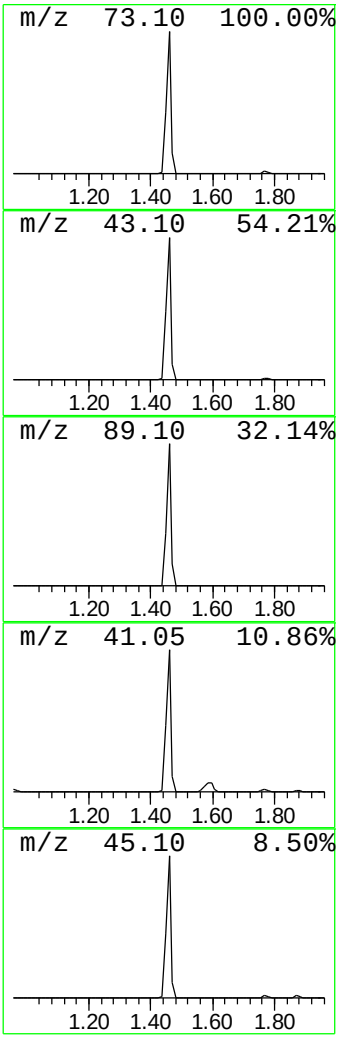
****

Peak Number 2 unknown1.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.46	189.03 ng	5214500	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





Library Search Compound Report

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Data File : BF077445.D
Acq On : 25 Feb 2015 20:43
Operator : IZ / TP
Sample : G1358-03
Misc : S/DOD
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-12-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

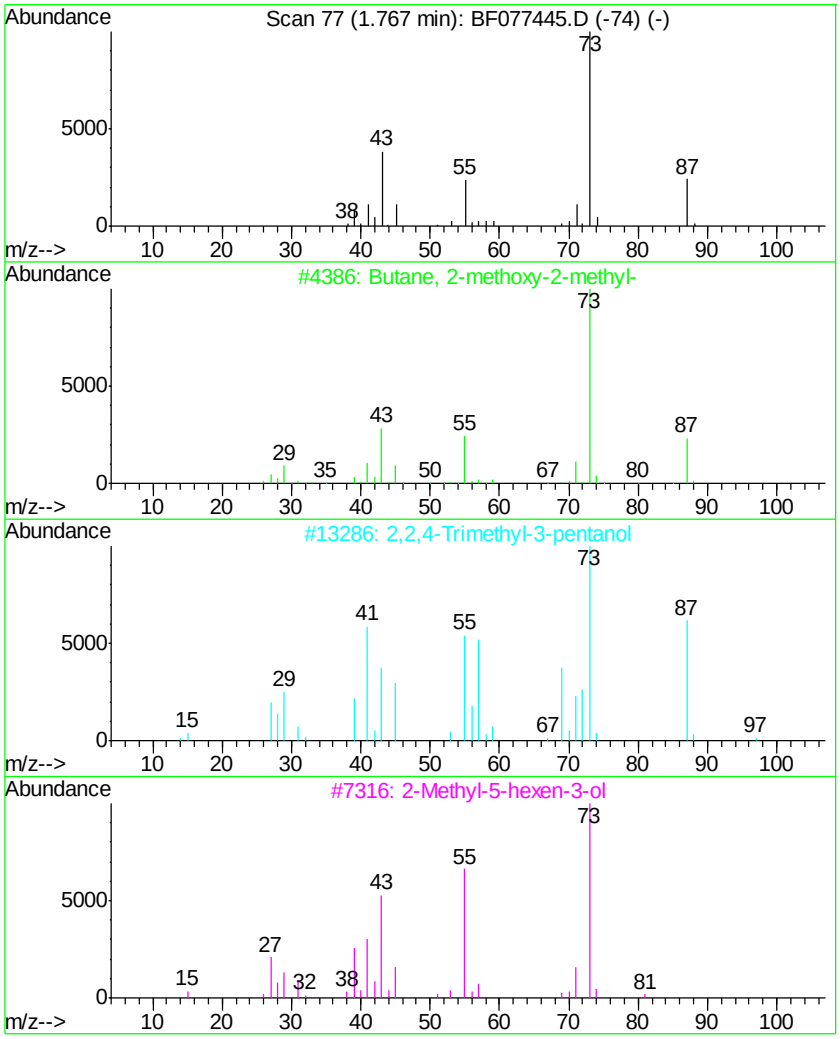
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

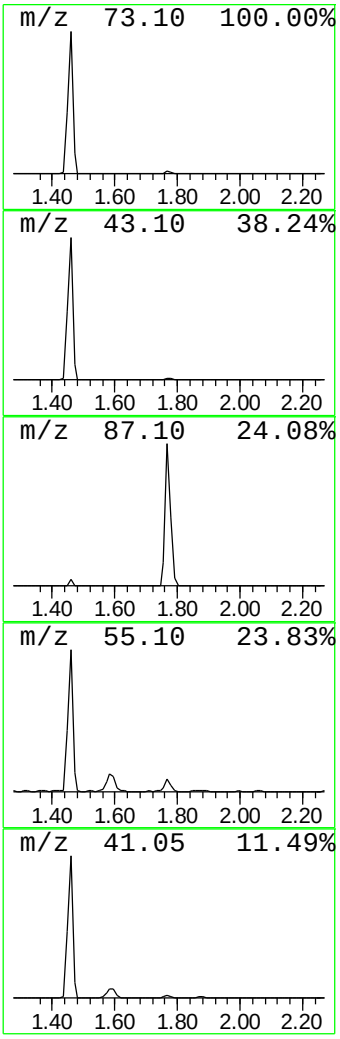
****

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.77	3.32 ng	91472	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	16
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

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Data File : BF077445.D
Acq On : 25 Feb 2015 20:43
Operator : IZ / TP
Sample : G1358-03
Misc : S/DOD
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-12-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

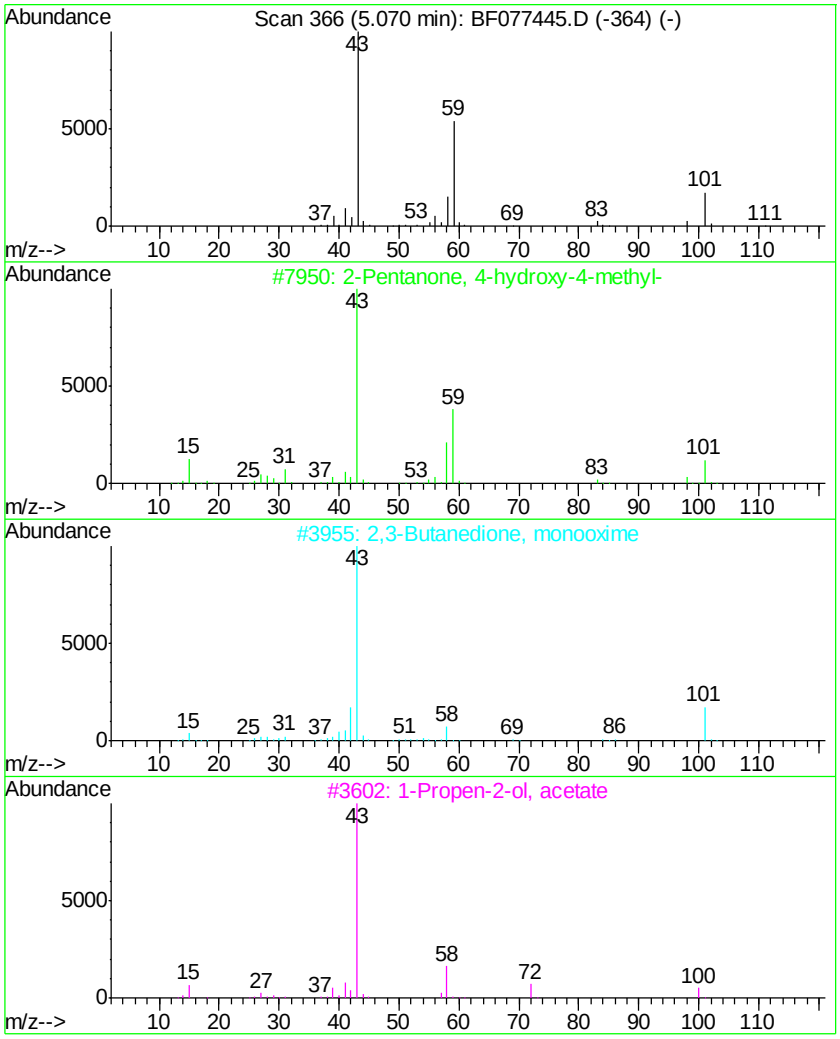
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

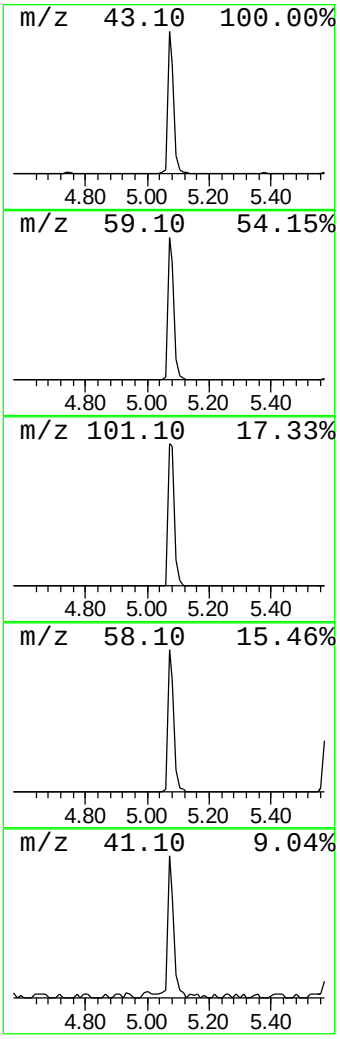
****

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	16.51 ng	455572	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Library Search Compound Report

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Data File : BF077445.D
Acq On : 25 Feb 2015 20:43
Operator : IZ / TP
Sample : G1358-03
Misc : S/DOD
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-12-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

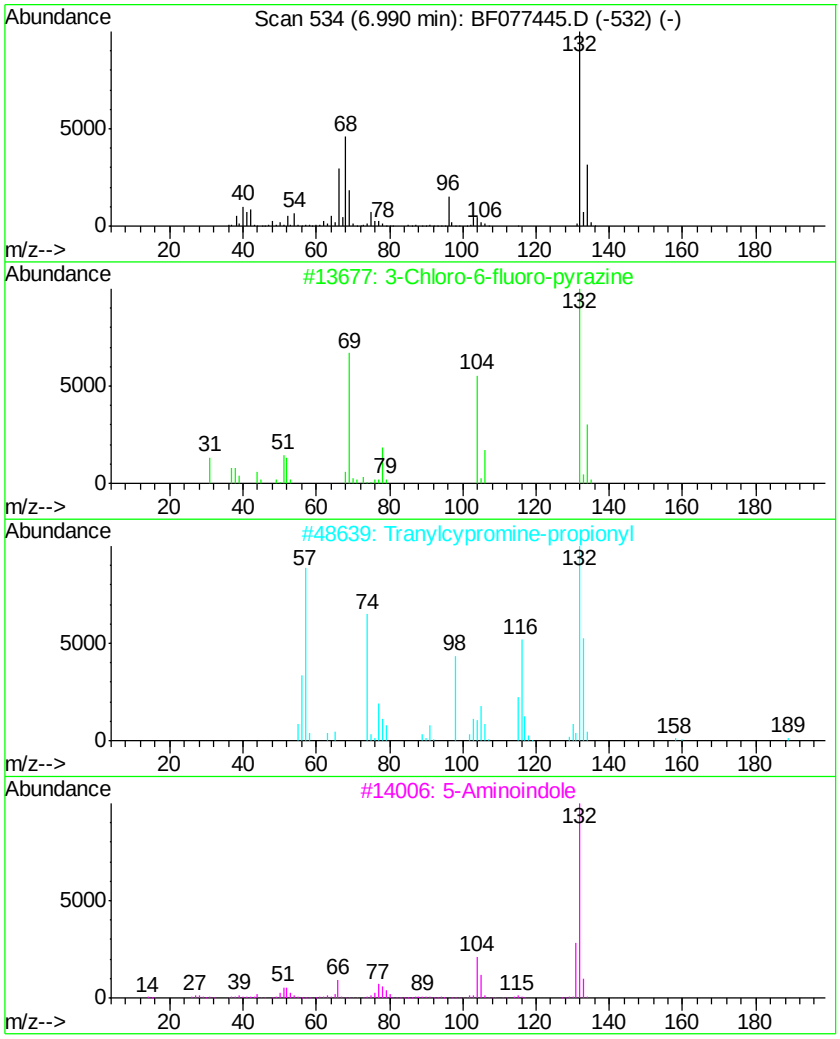
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

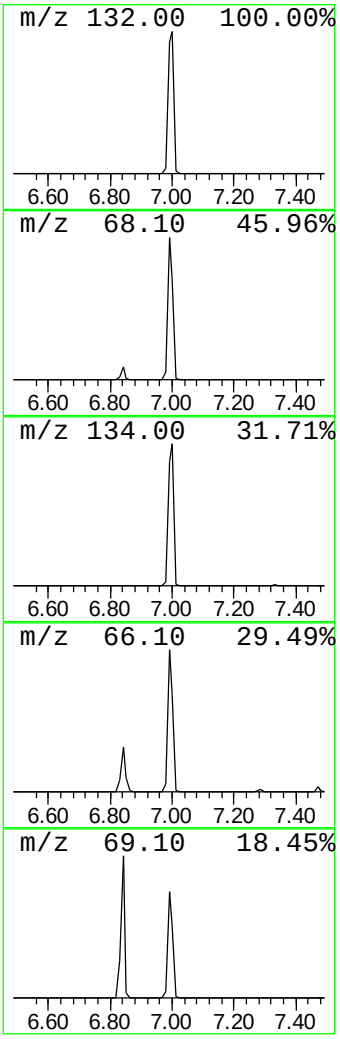
****

Peak Number 7 unknown6.99 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	66.28 ng	1828370	1,4-Dichlorobenzene-d4	7.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Data File : BF077445.D
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Sample : G1358-03
Misc : S/DOD
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-12-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

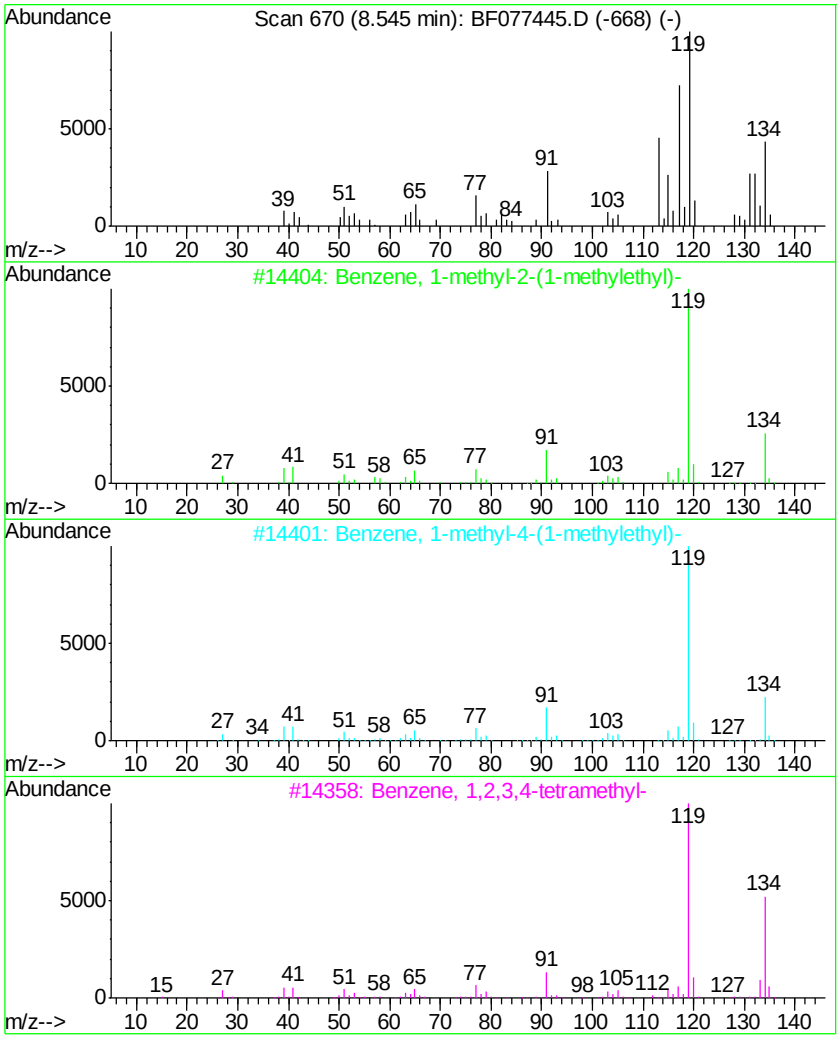
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

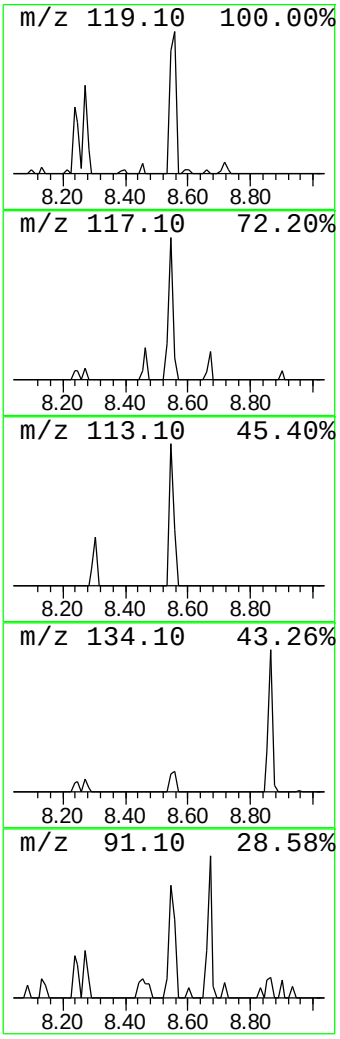
****

Peak Number 10 Benzene, 1-methyl-2-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	2.10 ng	79287	Naphthalene-d8	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	50
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	50
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	45
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	45





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Acq On : 25 Feb 2015 20:43
Operator : IZ / TP
Sample : G1358-03
Misc : S/DOD
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-12-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

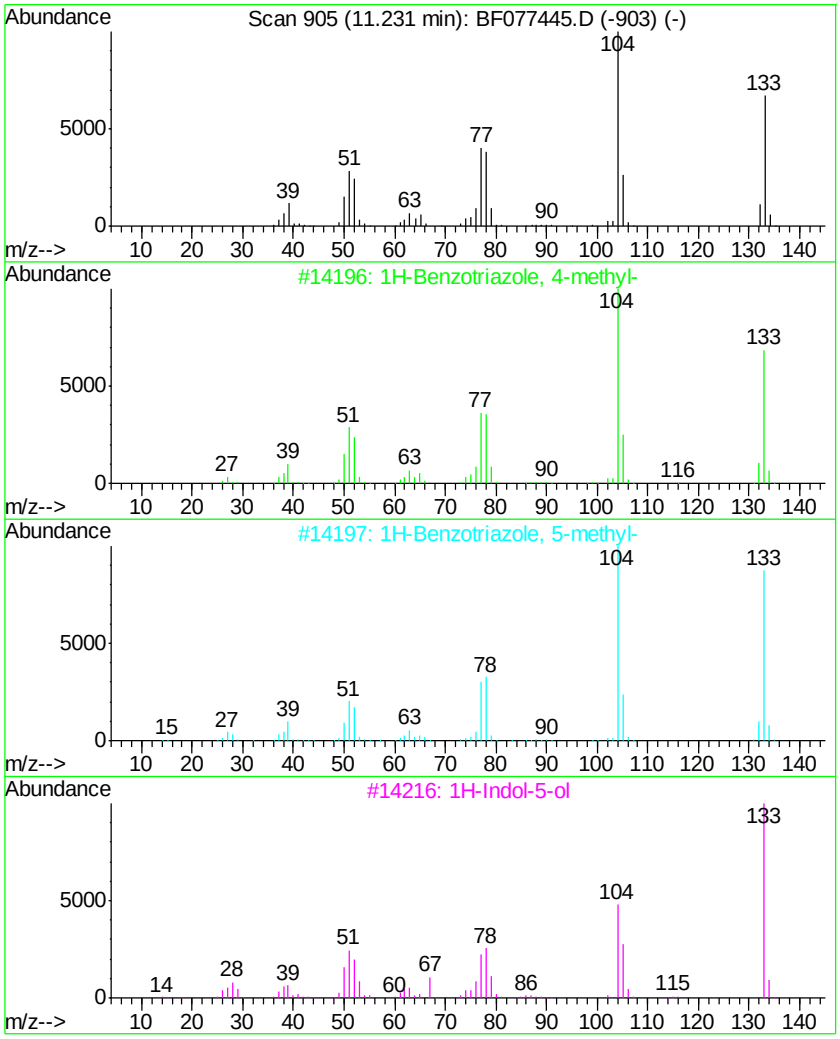
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

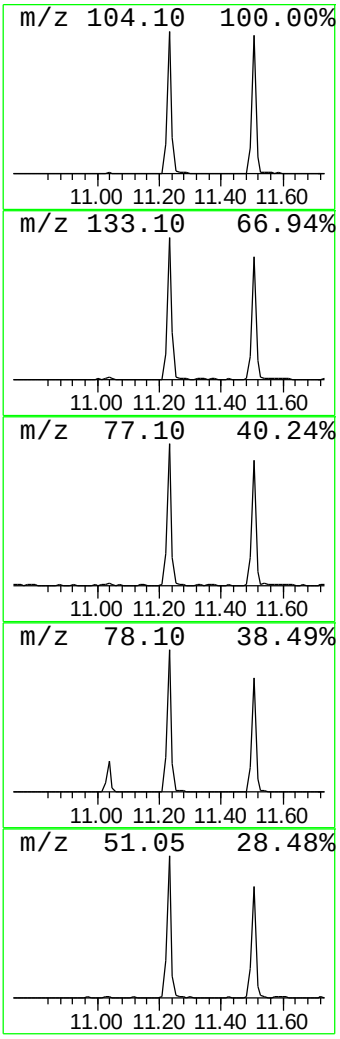
****

Peak Number 11 1H-Benzotriazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	12.15 ng	545040	Acenaphthene-d10	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	98
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	97
3	1H-Indol-5-ol	133	C8H7NO	001953-54-4	80
4	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	68
5	Benzene, 1-azido-2-methyl-	133	C7H7N3	031656-92-5	64





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

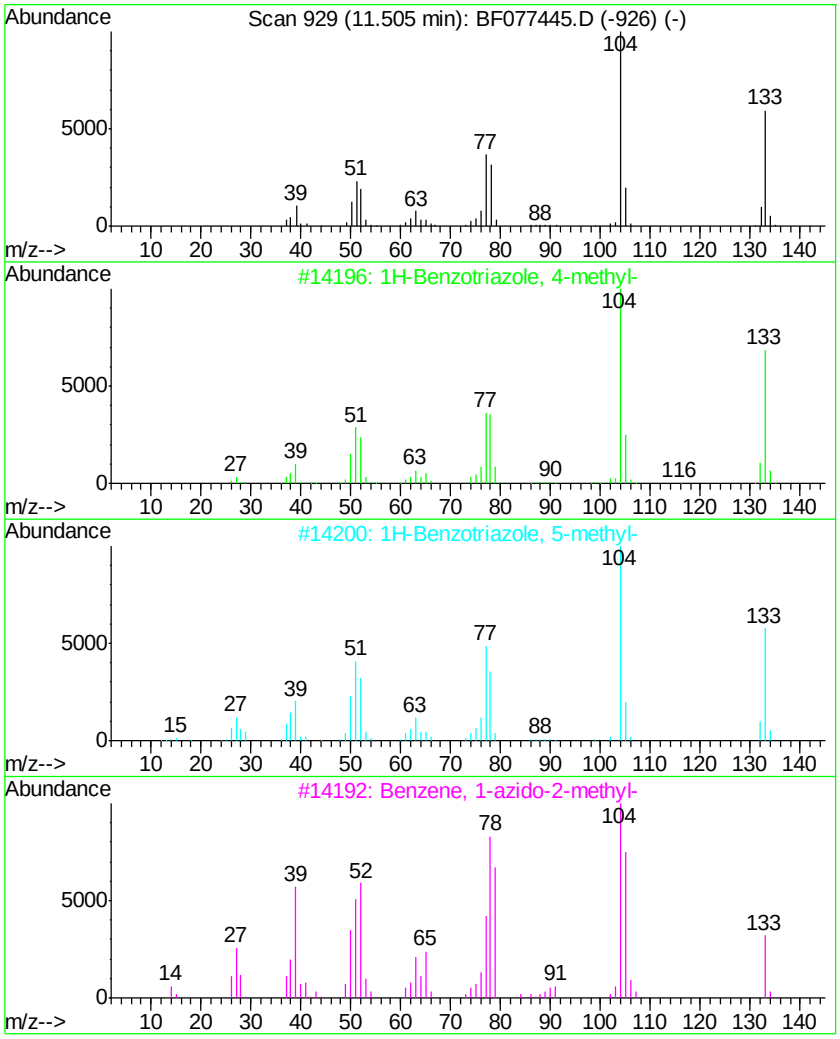
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

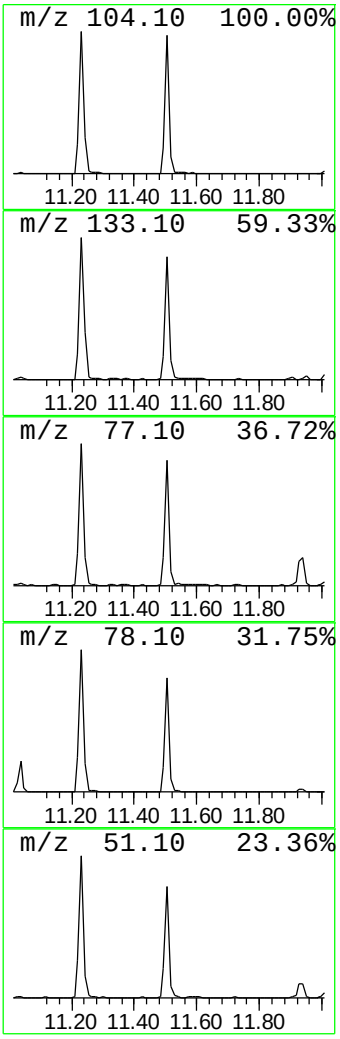
****

Peak Number 12 1H-Benzotriazole, 5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	9.43 ng	422940	Acenaphthene-d10	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	98
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	97
3	Benzene, 1-azido-2-methyl-	133	C7H7N3	031656-92-5	83
4	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	72
5	Styrene	104	C8H8	000100-42-5	58





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Data File : BF077445.D
Acq On : 25 Feb 2015 20:43
Operator : IZ / TP
Sample : G1358-03
Misc : S/DOD
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

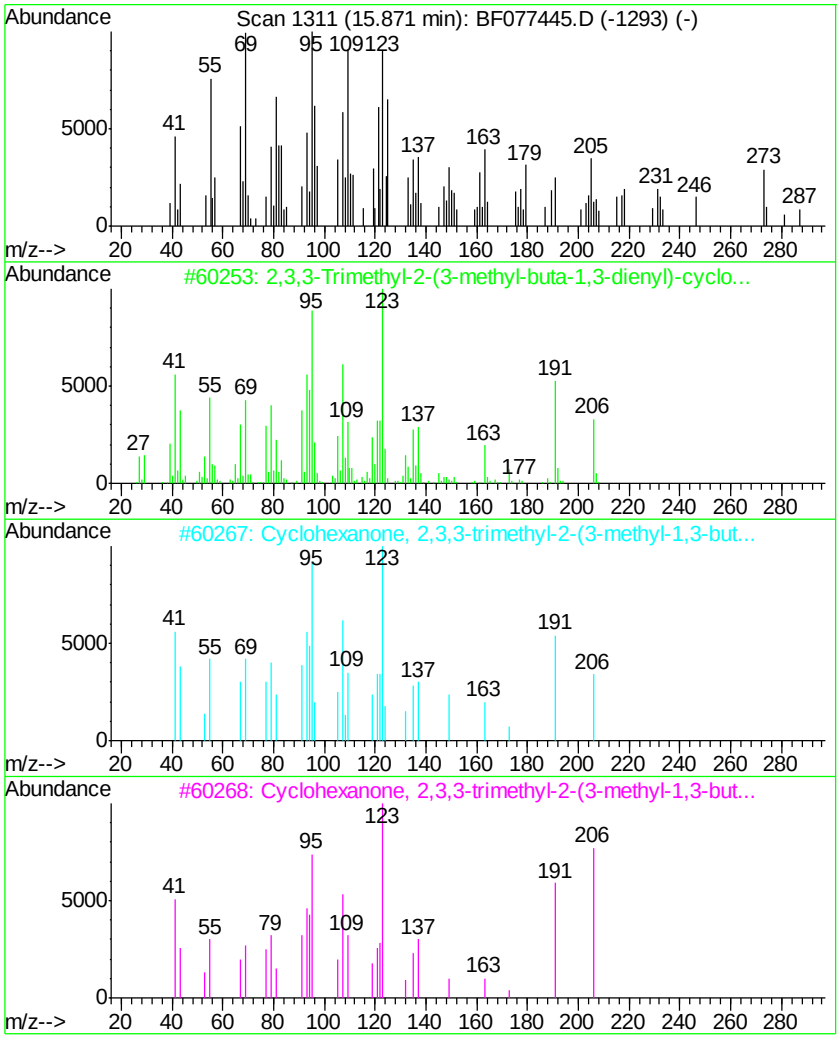
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

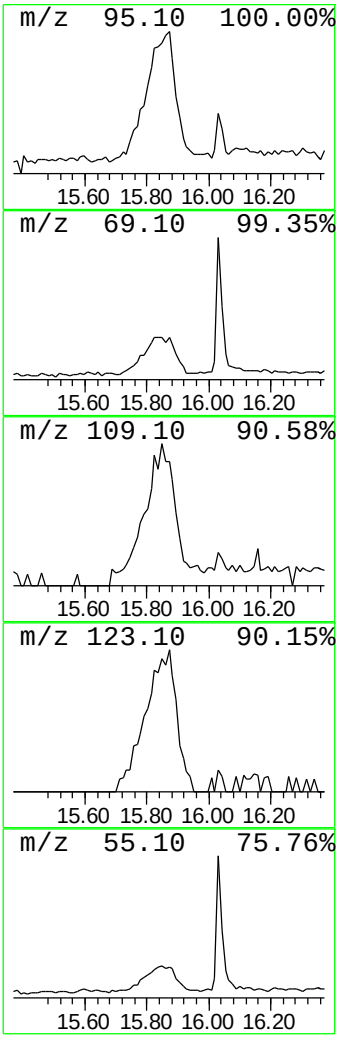
****

Peak Number 13 2,3,3-Trimethyl-2-(3-methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	10.47 ng	567093	Chrysene-d12	16.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	52
2	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	46
3	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	46
4	3(4H)-Phenanthrenone, 4a,4b,5,6,...	246	C17H26O	057684-12-5	30
5	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	25





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022515\
Data File : BF077445.D
Acq On : 25 Feb 2015 20:43
Operator : IZ / TP
Sample : G1358-03
Misc : S/DOD
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-12-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

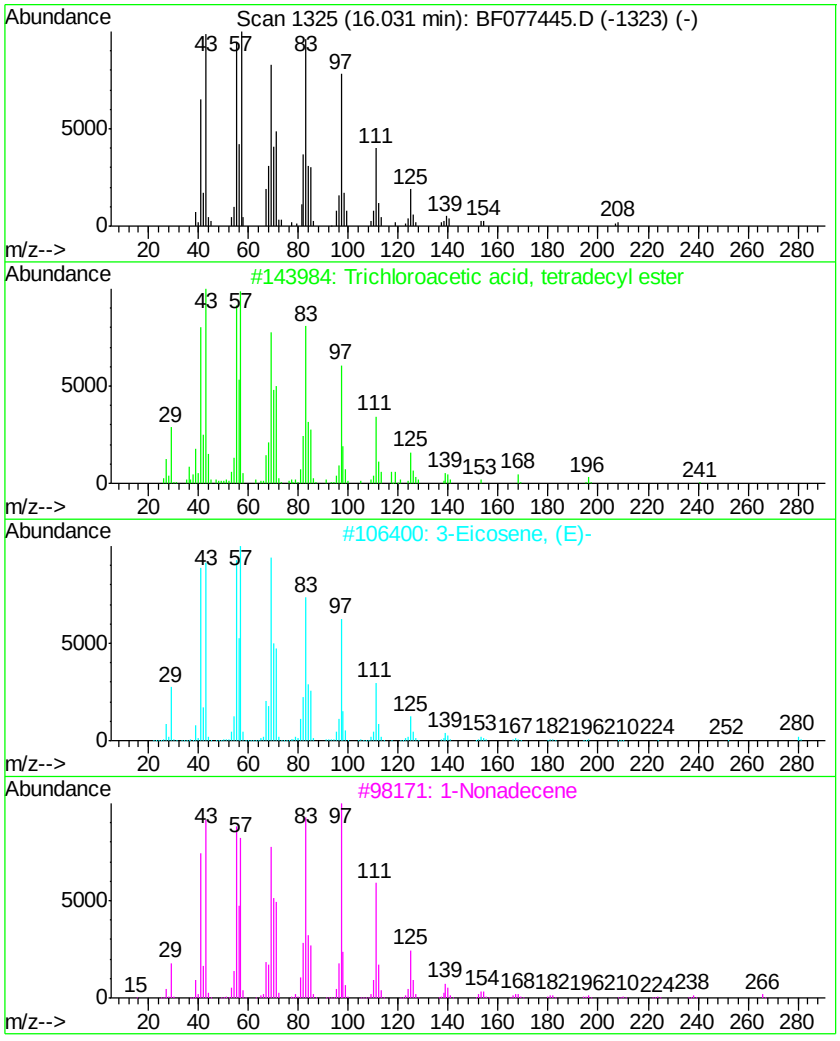
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

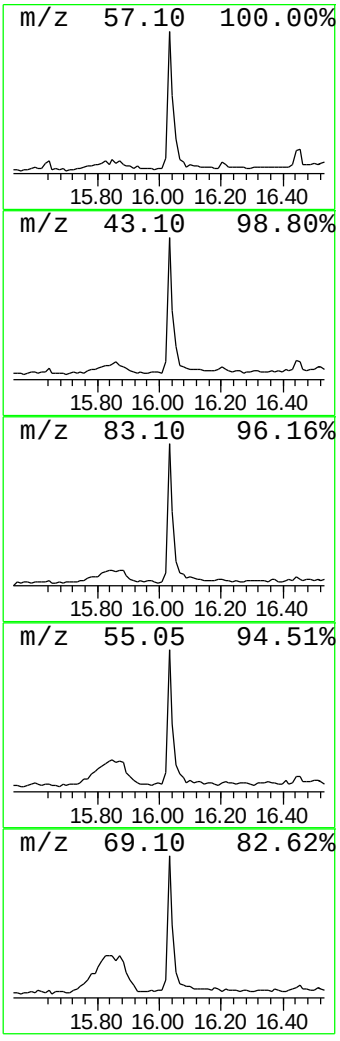
****

Peak Number 14 Trichloroacetic acid, tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	4.70 ng	254776	Chrysene-d12	16.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	1-Pentadecanol	228	C15H32O	000629-76-5	90





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF022515\
Data File : BF077445.D
Acq On : 25 Feb 2015 20:43
Operator : IZ / TP
Sample : G1358-03
Misc : S/DOD
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-12-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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
Ethane, 1,1-dimet...	0.94	2.6	ng	71470	1	7.29	551711	20.0
unknown1.46	1.46	189.0	ng	5214500	1	7.29	551711	20.0
Butane, 2-methoxy...	1.77	3.3	ng	91472	1	7.29	551711	20.0
2-Pentanone, 4-hy...	5.07	16.5	ng	455572	1	7.29	551711	20.0
unknown6.99	6.99	66.3	ng	1828370	1	7.29	551711	20.0
Benzene, 1-methyl...	8.54	2.1	ng	79287	2	8.86	754941	20.0
1H-Benzotriazole,...	11.23	12.2	ng	545040	3	11.04	897271	20.0
1H-Benzotriazole,...	11.51	9.4	ng	422940	3	11.04	897271	20.0
2,3,3-Trimethyl-2...	15.87	10.5	ng	567093	5	16.16	1083040	20.0
Trichloroacetic a...	16.03	4.7	ng	254776	5	16.16	1083040	20.0