LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091150.D
Acq On : 11 Nov 2016 19:51
Operator : UM/SJ
Sample : H5609-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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-BF110316.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	1.744	3	5	58	rVB	4031430	10819023	100.00%	19.847%
2	4.773	269	270	274	rBV	200592	307280	2.84%	0.564%
3	5.196	303	307	308	rBV	77137	149338	1.38%	0.274%
4	5.230	308	310	320	rVB	2210545	2347895	21.70%	4.307%
5	6.236	396	398	401	rVV	125954	117436	1.09%	0.215%
6	6.293	401	403	411	rVV	1509251	1803847	16.67%	3.309%
7	6.407	411	413	416	rVV	3446283	4105862	37.95%	7.532%
8	6.464	416	418	422	rVB	99346	122718	1.13%	0.225%
9	6.636	432	433	437	rBV	646369	1029107	9.51%	1.888%
10	6.705	437	439	445	rVB	141846	199712	1.85%	0.366%
11	6.796	445	447	452	rBV2	3928578	4401173	40.68%	8.074%
12	6.899	454	456	461	rVV	109186	163739	1.51%	0.300%
13	6.990	461	464	466	rVB2	79101	144900	1.34%	0.266%
14	7.219	481	484	486	rBV	3322035	3752390	34.68%	6.884%
15	7.425	499	502	503	rBV	298990	308991	2.86%	0.567%
16	7.607	515	518	521	rVV2	144136	234289	2.17%	0.430%
17	7.665	521	523	525	rVV	690302	696619	6.44%	1.278%
18	7.927	543	546	549	rBV	1742847	1814167	16.77%	3.328%
19	7.973	549	550	552	rVB	108562	138892	1.28%	0.255%
20	8.213	569	571	574	rVB3	81570	119679	1.11%	0.220%
21	8.362	582	584	586	rBV2	71256	125149	1.16%	0.230%
22	8.739	615	617	622	rVB3	114440	180581	1.67%	0.331%
23	9.013	638	641	643	rBV	5673523	6445338	59.57%	11.824%
24	9.173	654	655	661	rVB2	73295	125854	1.16%	0.231%
25	9.676	697	699	701	rBV	1998971	1711814	15.82%	3.140%
26	10.465	766	768	771	rBV	2985381	3617893	33.44%	6.637%
27	11.151	826	828	831	rBV	1387851	1525903	14.10%	2.799%
28	12.739	964	967	970	rBV	4416608	5778403	53.41%	10.600%
29	13.779	1056	1058	1061	rBV	1150362	1250829	11.56%	2.295%
30	15.151	1175	1178	1188	rVB	820049	973419	9.00%	1.786%

Sum of corrected areas: 54512240

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091150.D
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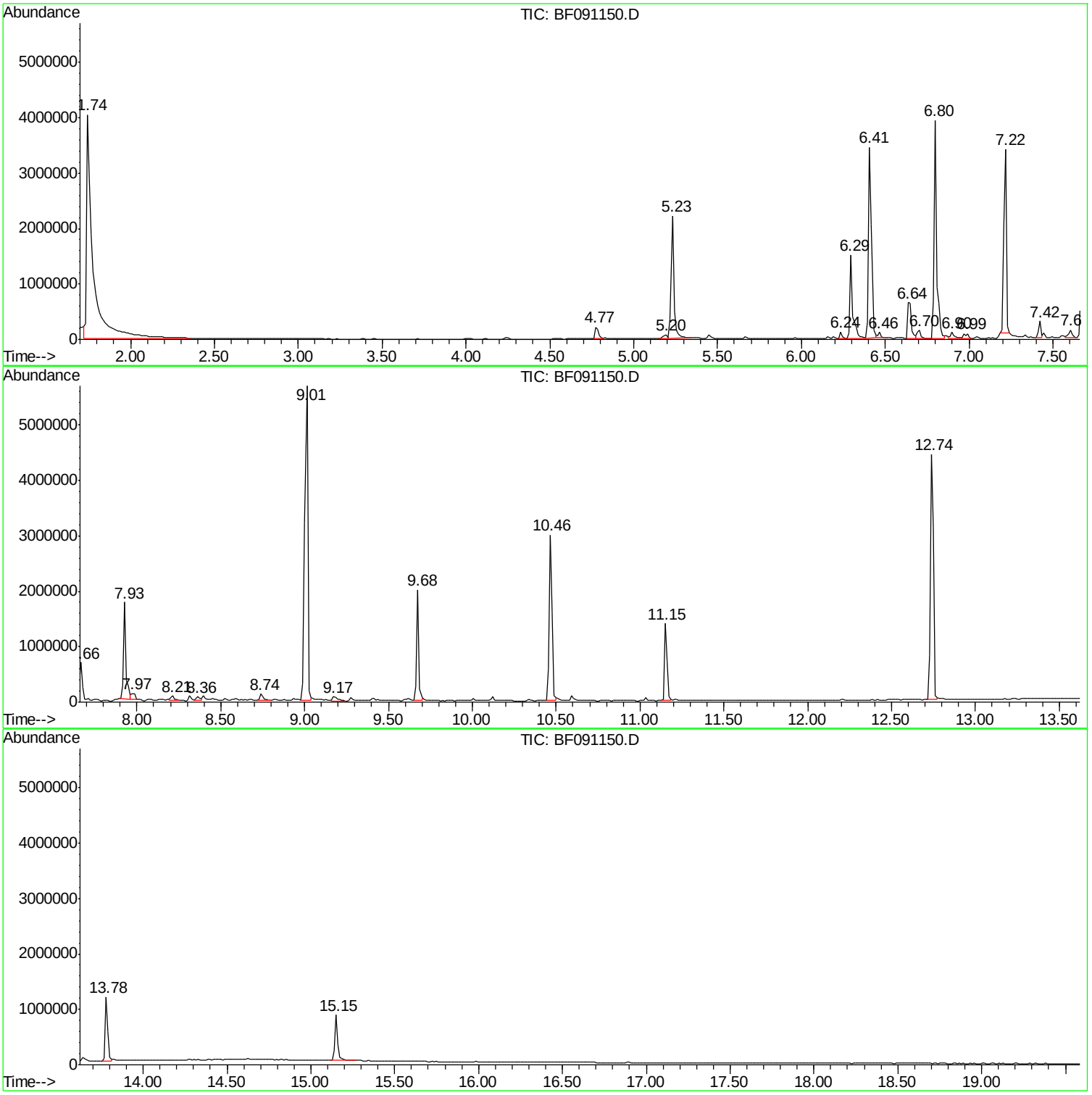
Operator : UM/SJ
Sample : H5609-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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Data File : BF091150.D
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Sample : H5609-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

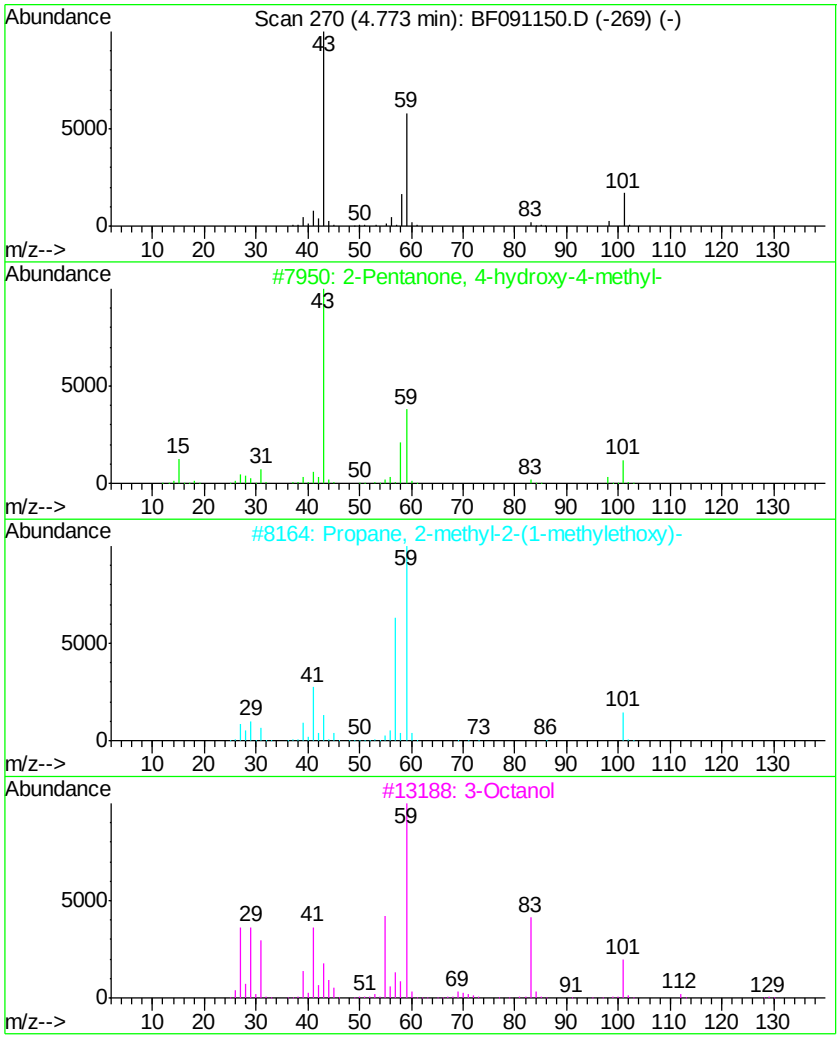
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

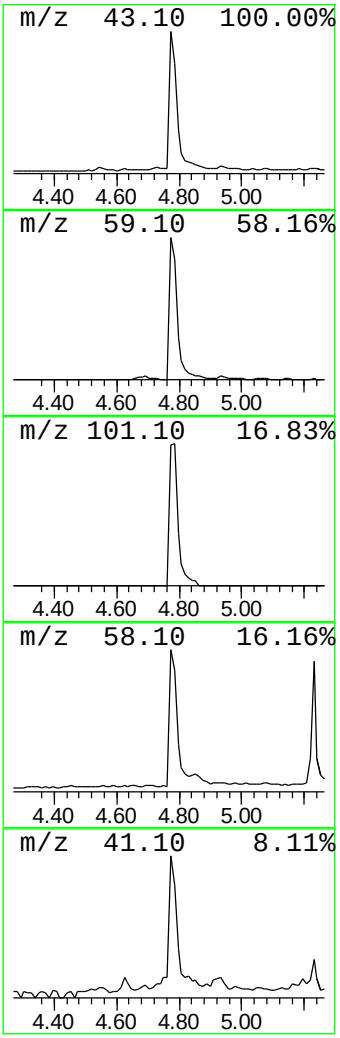
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	5.97 ng	307280	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Octanol	130	C8H18O	000589-98-0	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Operator : UM/SJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

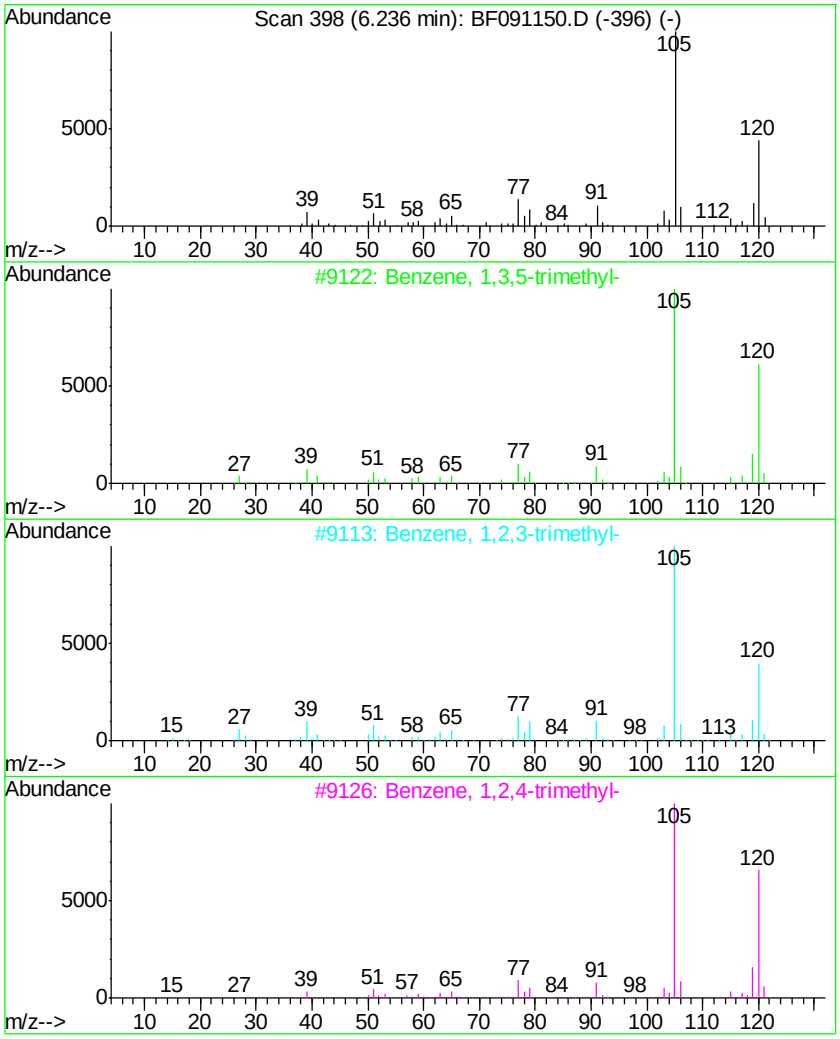
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

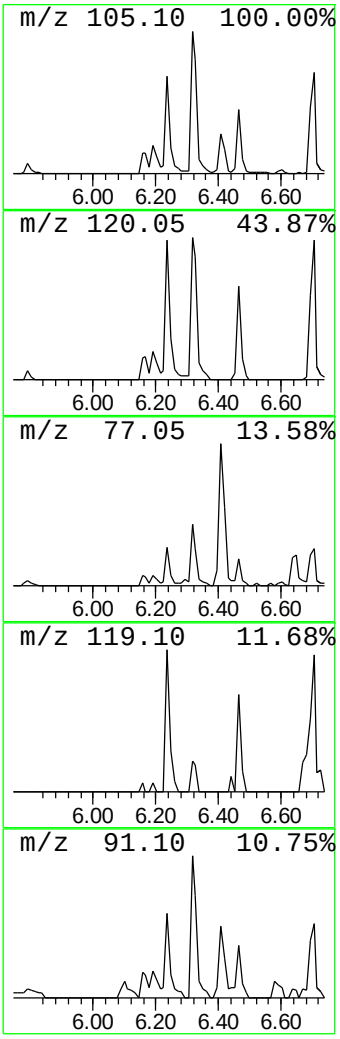
****

Peak Number 3 Benzene, 1,3,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	2.28 ng	117436	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Library Search Compound Report

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Operator : UM/SJ
Sample : H5609-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

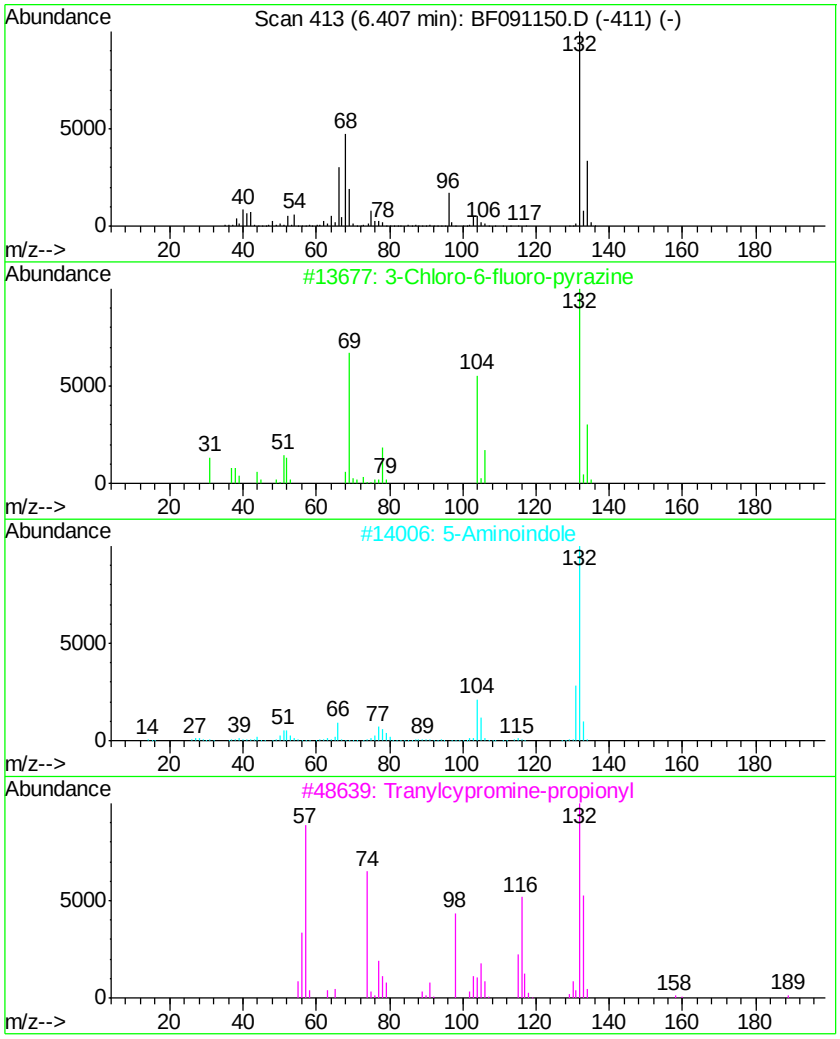
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

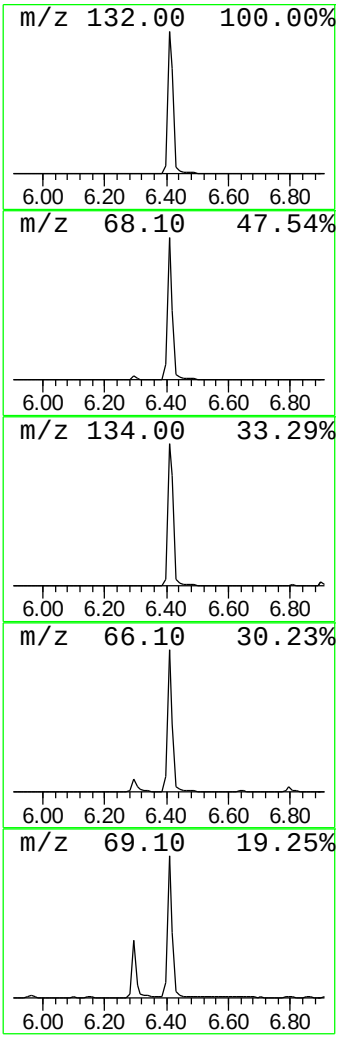
****

Peak Number 4 unknown6.41 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	79.79 ng	4105860	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Sample : H5609-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

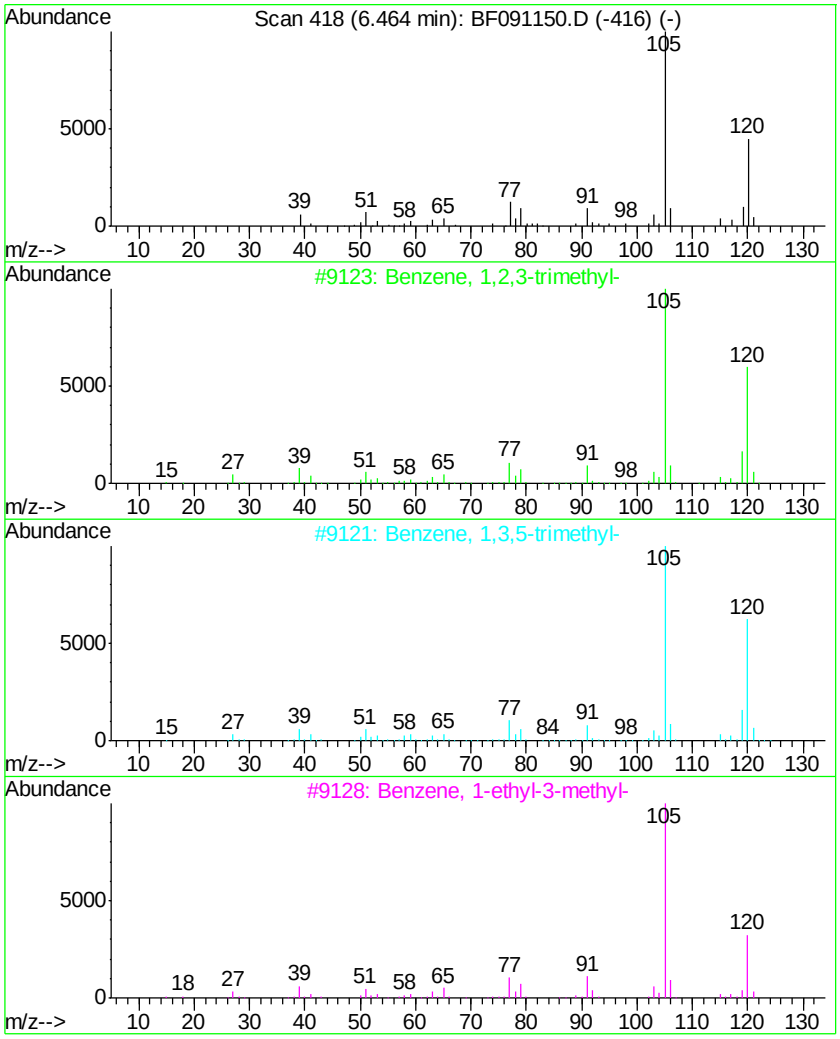
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

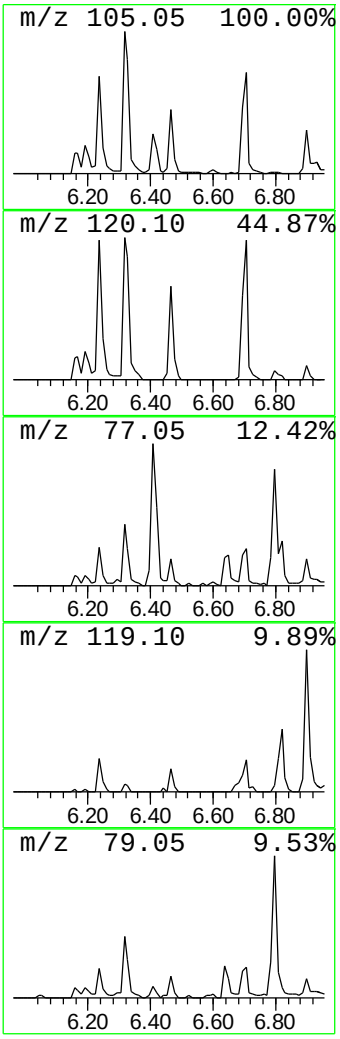
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	2.38 ng	122718	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Operator : UM/SJ
Sample : H5609-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

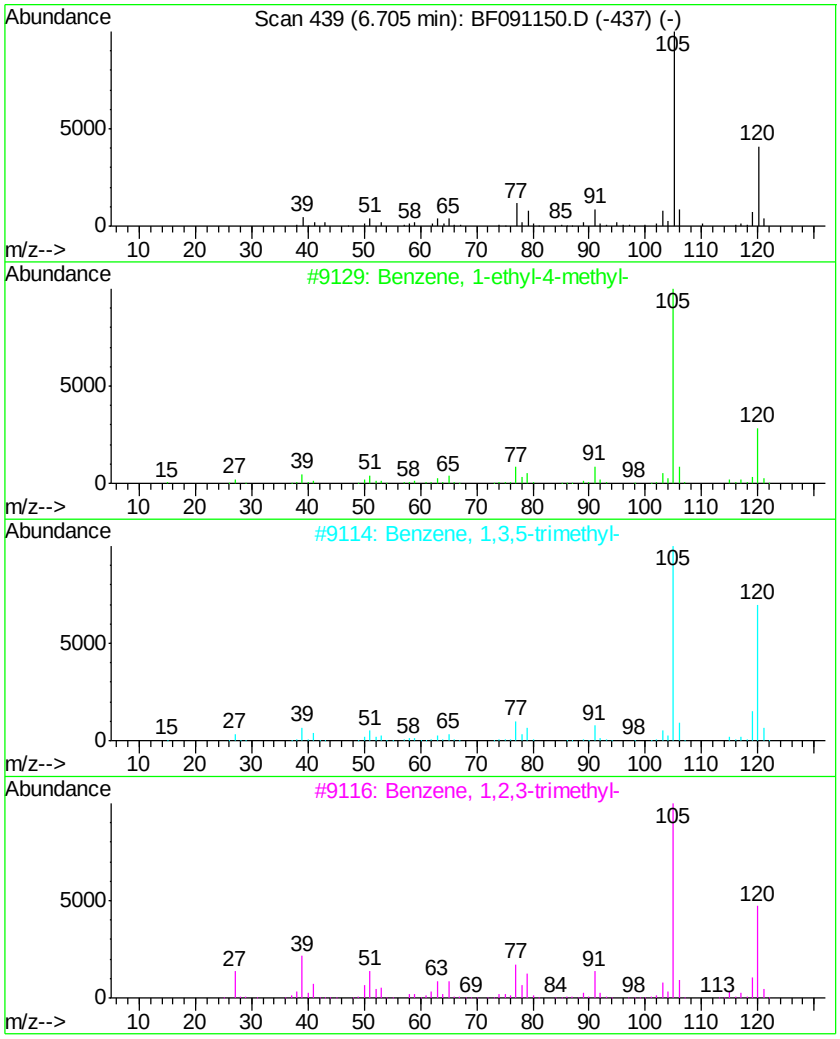
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

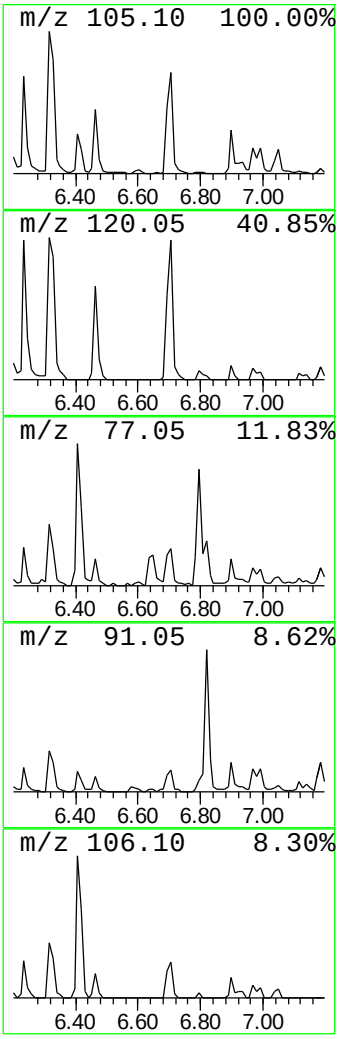
****

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	3.88 ng	199712	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

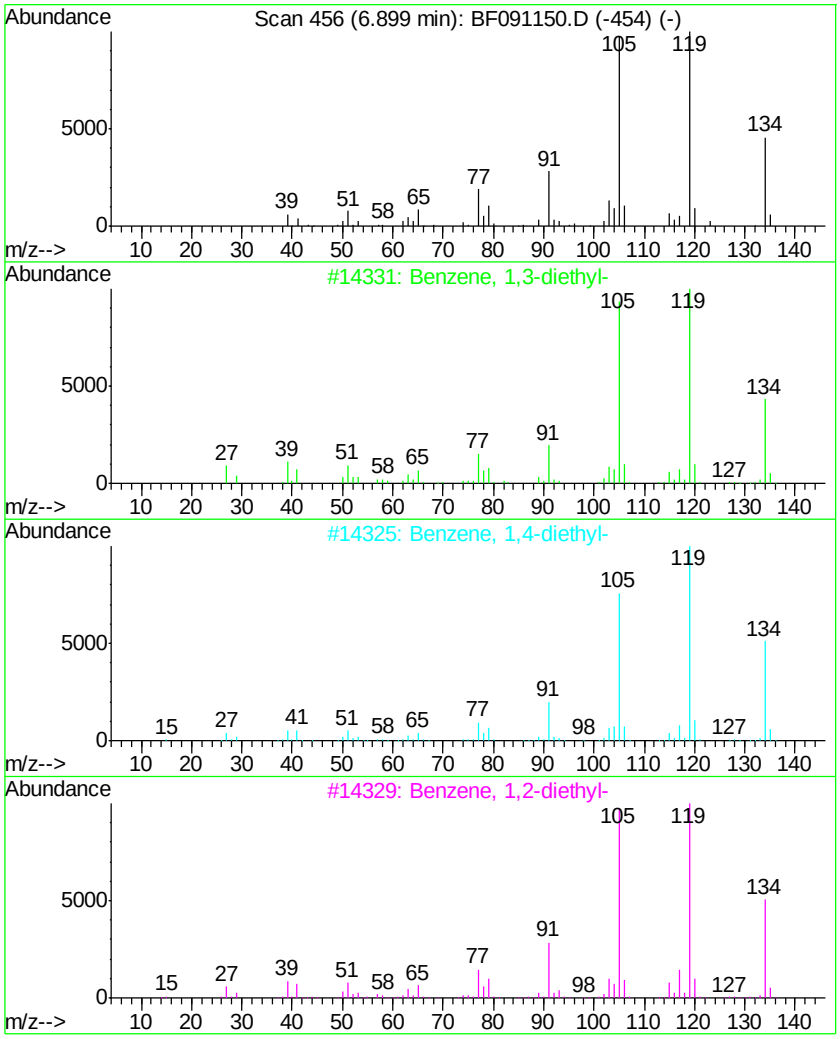
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

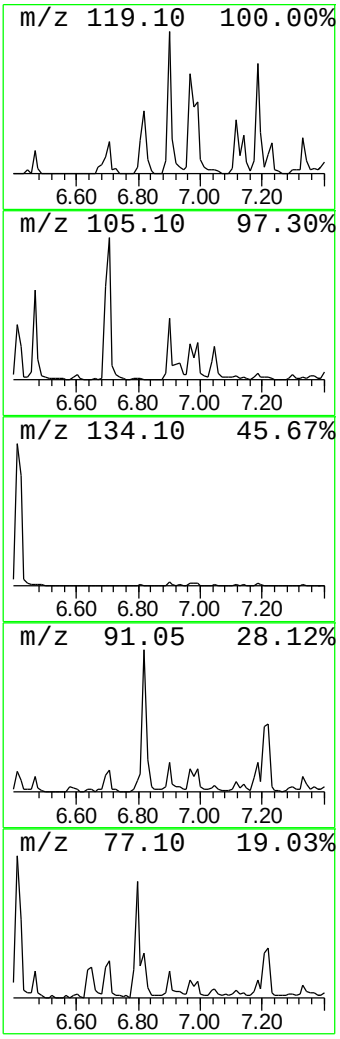
****

Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	3.18 ng	163739	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	74





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Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

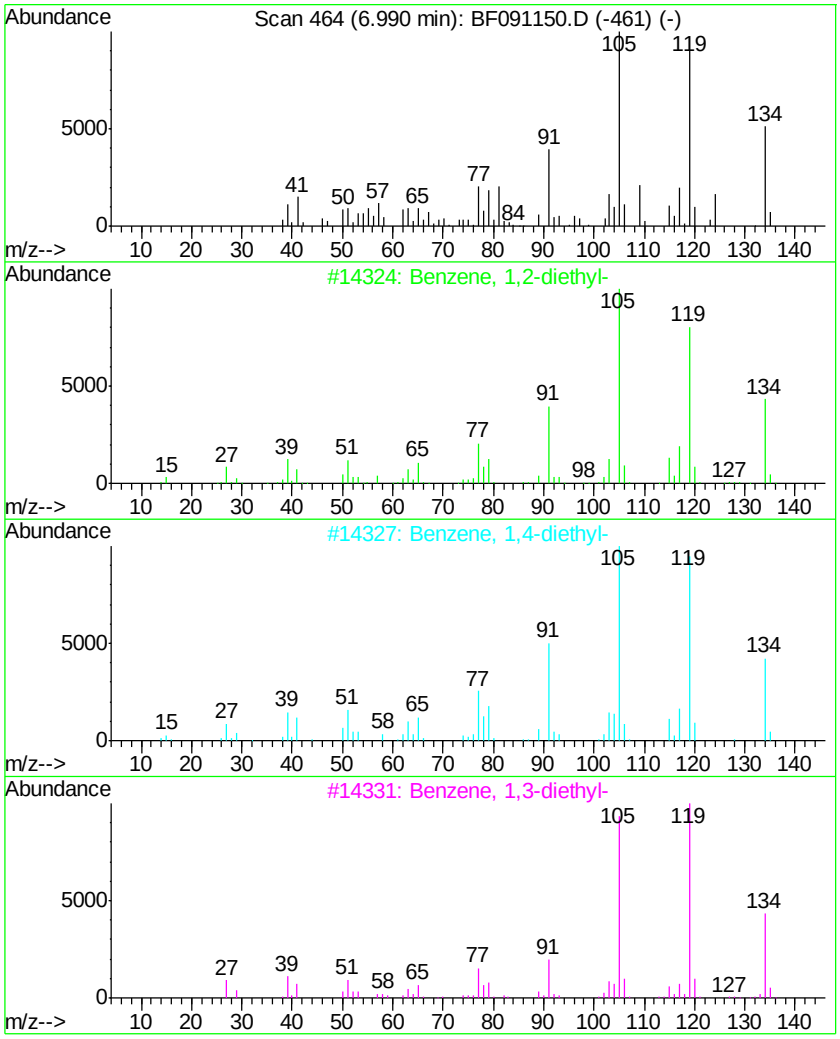
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

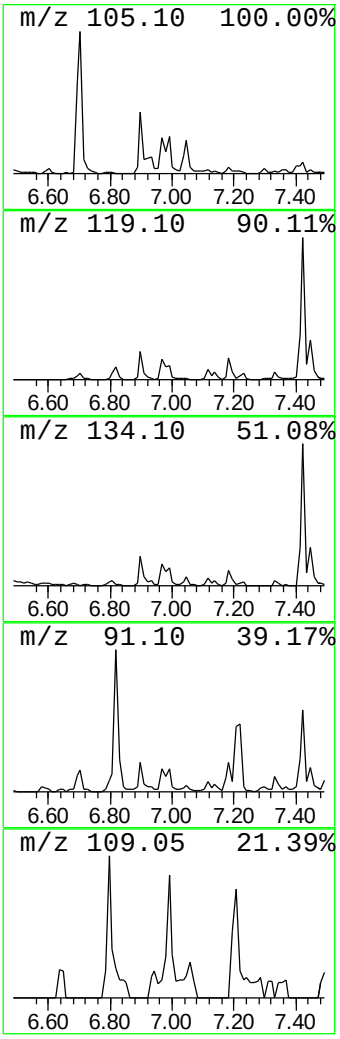
****

Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	2.82 ng	144900	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	74
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	62





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Instrument : BNA_F
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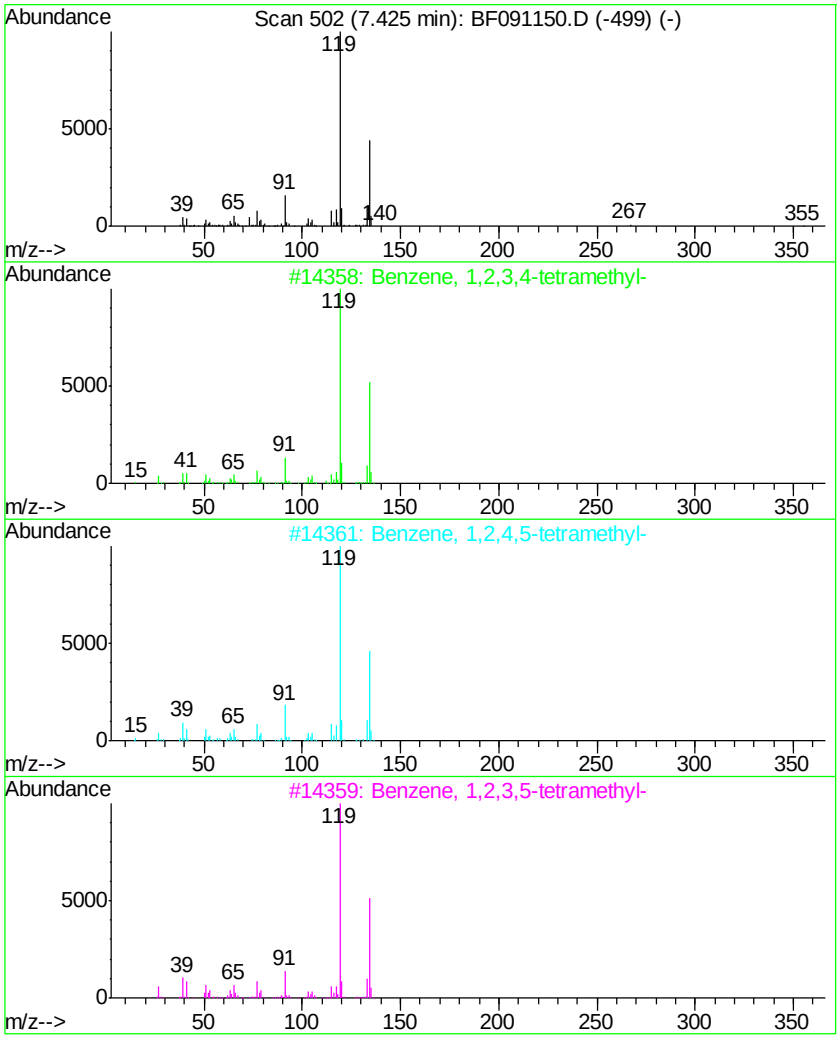
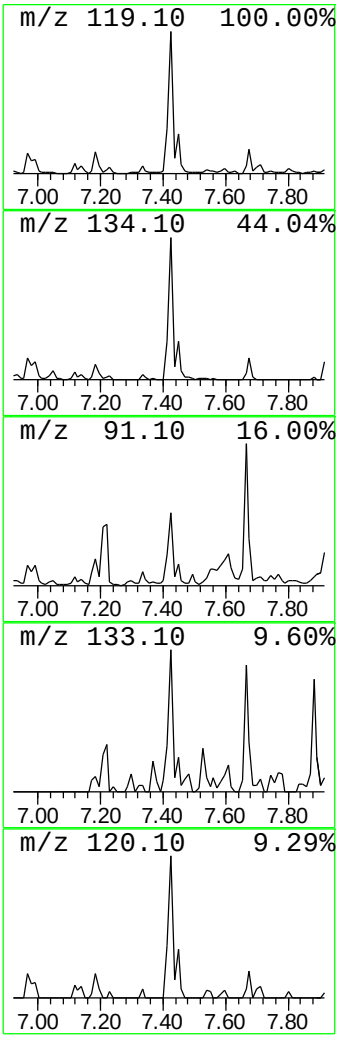
****

Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	3.41 ng	308991	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

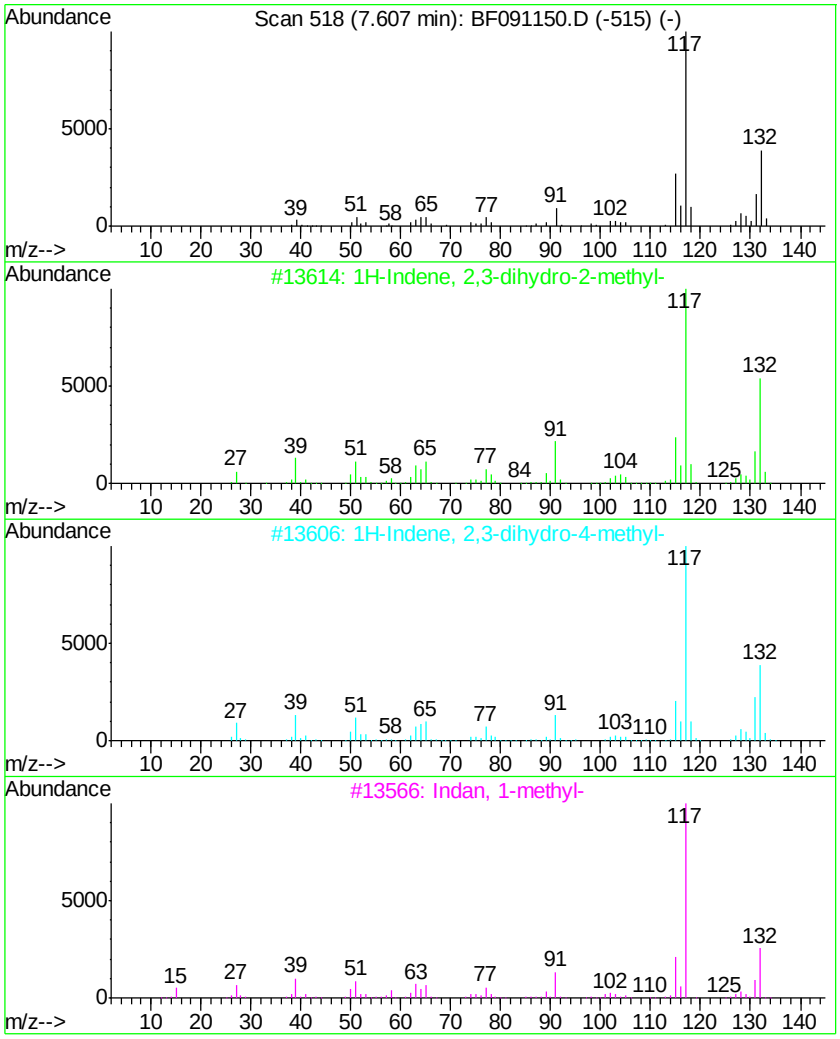
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

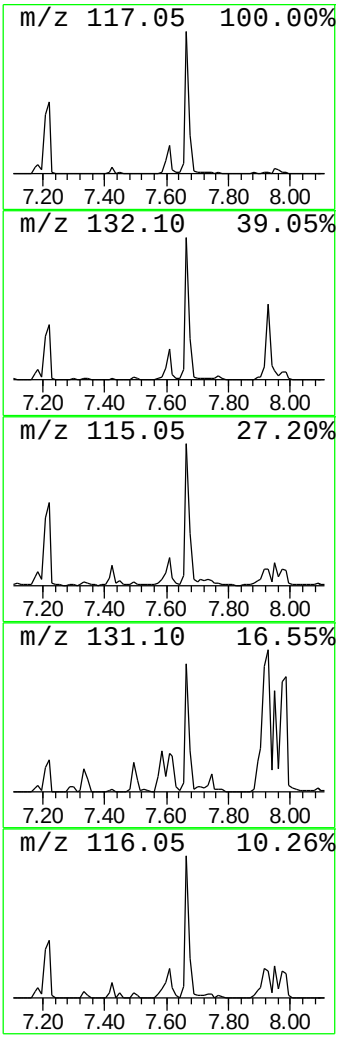
****

Peak Number 11 1H-Indene, 2,3-dihydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	2.58 ng	234289	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	90
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90





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Operator : UM/SJ
Sample : H5609-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

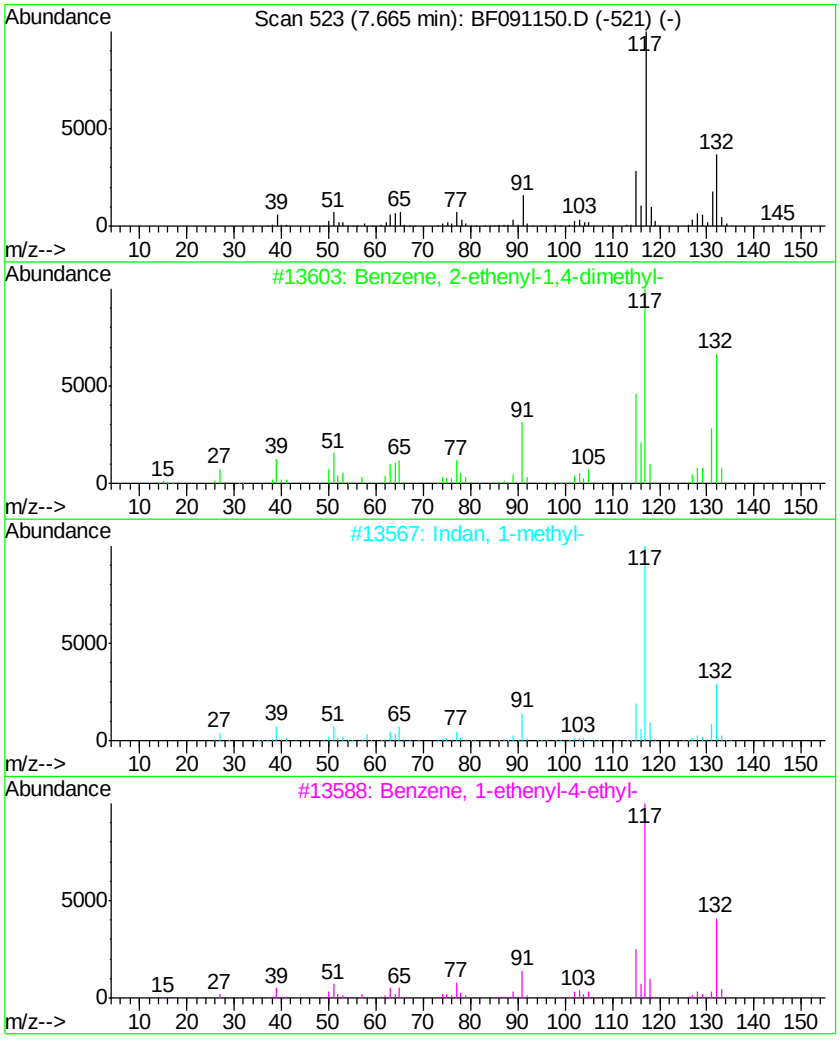
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

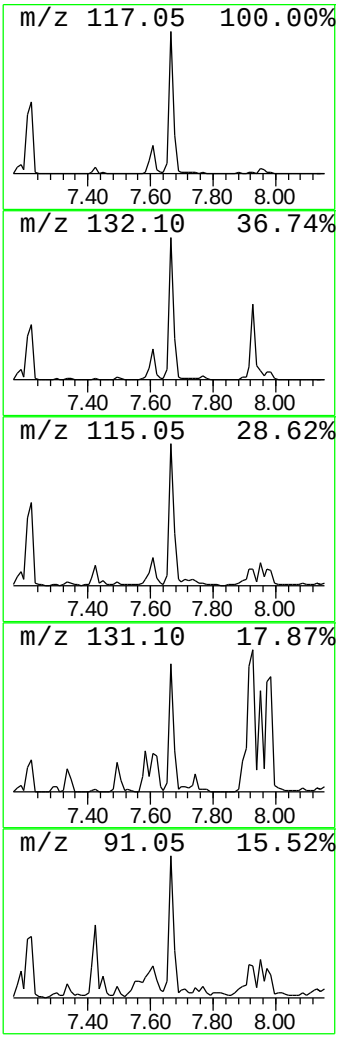
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	7.68 ng	696619	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Indan, 1-methyl-	132	C10H12	000767-58-8	95
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111116\
Data File : BF091150.D
Acq On : 11 Nov 2016 19:51
Operator : UM/SJ
Sample : H5609-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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
2-Pentanone, 4-hy...	4.77	6.0	ng	307280	1	6.65	1029110	20.0
Benzene, 1,3,5-tr...	6.24	2.3	ng	117436	1	6.65	1029110	20.0
unknown6.41	6.41	79.8	ng	4105860	1	6.65	1029110	20.0
Benzene, 1,2,3-tr...	6.46	2.4	ng	122718	1	6.65	1029110	20.0
Benzene, 1-ethyl-...	6.70	3.9	ng	199712	1	6.65	1029110	20.0
Benzene, 1,3-diet...	6.90	3.2	ng	163739	1	6.65	1029110	20.0
Benzene, 1,2-diet...	6.99	2.8	ng	144900	1	6.65	1029110	20.0
Benzene, 1,2,3,4-...	7.42	3.4	ng	308991	2	7.93	1814170	20.0
1H-Indene, 2,3-di...	7.61	2.6	ng	234289	2	7.93	1814170	20.0
Benzene, 2-etheny...	7.66	7.7	ng	696619	2	7.93	1814170	20.0