LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085040.D
Acq On : 12 Feb 2016 4:39
Operator : SJ/IZ
Sample : H1410-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B039(9-11)

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-BF020116.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	1.736	11	13	15	rBV	1686491	2915149	31.03%	5.438%
2	1.838	20	22	24	rVB	6884121	9395091	100.00%	17.527%
3	2.250	56	58	62	rVB	165243	222834	2.37%	0.416%
4	4.033	211	214	220	rBV	89257	165795	1.76%	0.309%
5	4.753	274	277	285	rVB	592015	1036856	11.04%	1.934%
6	5.016	297	300	308	rVB2	201532	238872	2.54%	0.446%
7	5.130	308	310	314	rBV	429088	790224	8.41%	1.474%
8	5.199	314	316	319	rBV	2912732	3353435	35.69%	6.256%
9	5.416	332	335	337	rVB	114788	143388	1.53%	0.267%
10	6.125	395	397	398	rBV	265232	210030	2.24%	0.392%
11	6.159	398	400	402	rVB	136394	126786	1.35%	0.237%
12	6.205	402	404	407	rVB	200615	169346	1.80%	0.316%
13	6.262	407	409	412	rBV	2457434	3388991	36.07%	6.322%
14	6.376	417	419	422	rBV	3442792	3591084	38.22%	6.699%
15	6.433	422	424	426	rBV	736042	621119	6.61%	1.159%
16	6.605	437	439	441	rBV	941444	854411	9.09%	1.594%
17	6.662	441	444	446	rVV	193132	202873	2.16%	0.378%
18	6.765	451	453	454	rVV	3437730	3018077	32.12%	5.630%
19	6.787	454	455	457	rVB	266275	193617	2.06%	0.361%
20	6.936	466	468	473	rVB	113966	108380	1.15%	0.202%
21	7.176	485	489	492	rBV	1948645	2806193	29.87%	5.235%
22	7.633	527	529	535	rBV4	169231	309826	3.30%	0.578%
23	7.919	549	554	556	rBV2	2201310	3226009	34.34%	6.018%
24	8.605	612	614	617	rBV	312778	285088	3.03%	0.532%
25	8.708	620	623	625	rVB	143005	146152	1.56%	0.273%
26	8.982	643	647	649	rBV	4137405	5007631	53.30%	9.342%
27	9.645	702	705	707	rBV	1499546	1353426	14.41%	2.525%
28	10.434	771	774	777	rBV	2925173	2837292	30.20%	5.293%
29	11.119	832	834	838	rBV	1260689	1239590	13.19%	2.312%
30	12.708	971	973	976	rBV	3295146	4055090	43.16%	7.565%
31	13.748	1062	1064	1067	rBV	900280	840344	8.94%	1.568%
32	15.108	1181	1183	1186	rBV	685700	751880	8.00%	1.403%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085040.D
Acq On : 12 Feb 2016 4:39
Operator : SJ/IZ
Sample : H1410-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B039(9-11)

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-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

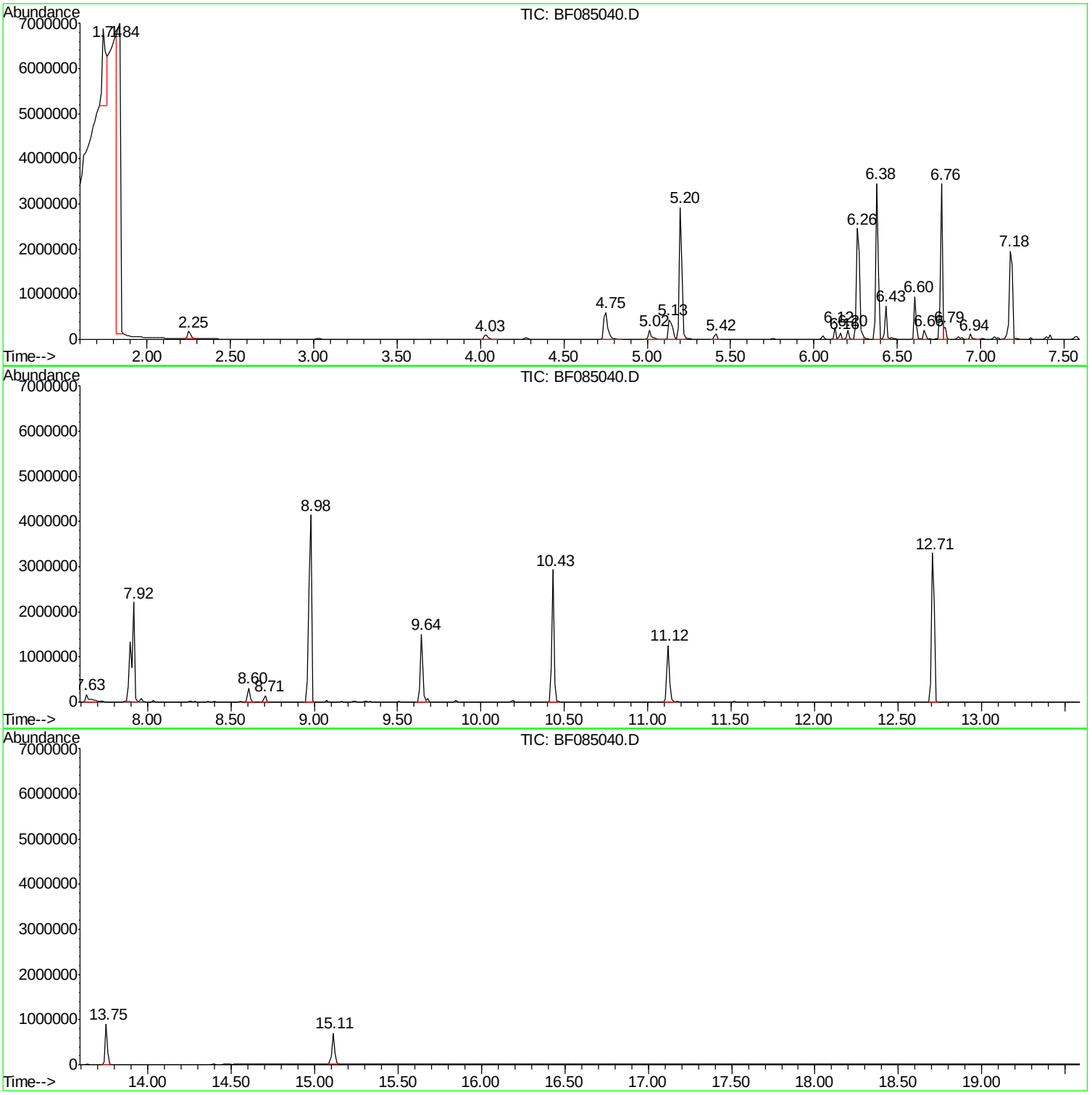
Sum of corrected areas: 53604879

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085040.D
Acq On : 12 Feb 2016 4:39
Operator : SJ/IZ
Sample : H1410-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B039(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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_F\DATA\BF021216\
Data File : BF085040.D
Acq On : 12 Feb 2016 4:39
Operator : SJ/IZ
Sample : H1410-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B039(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

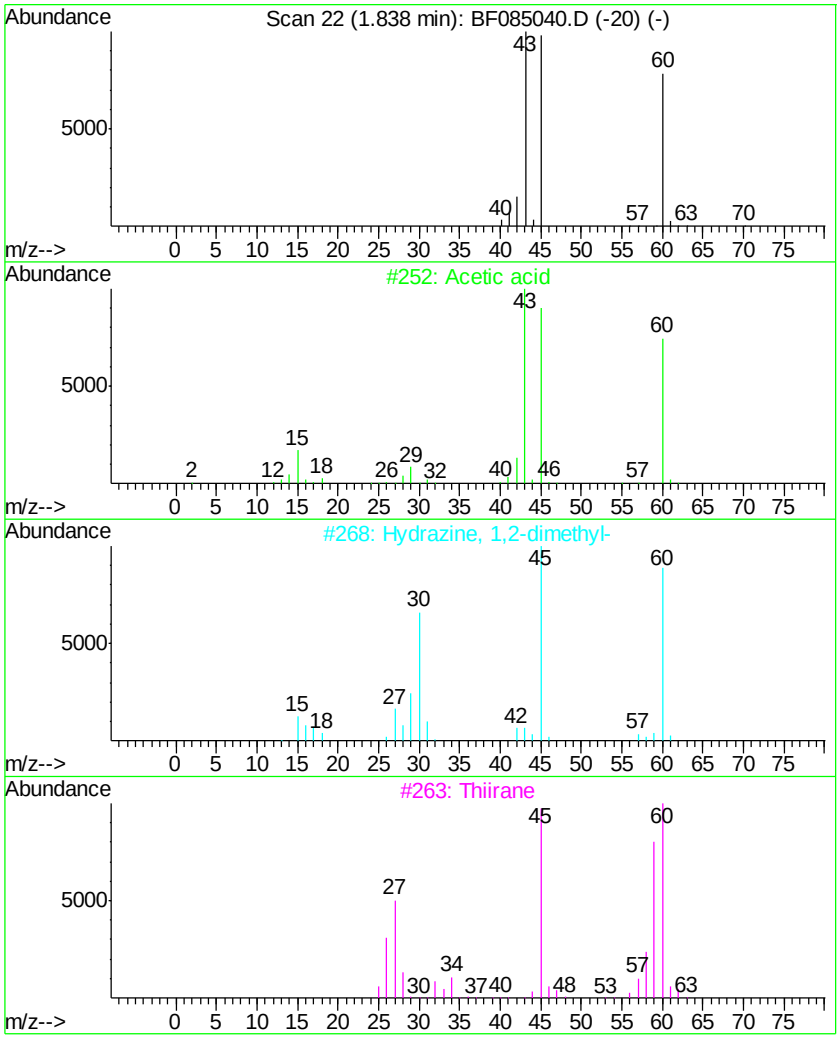
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

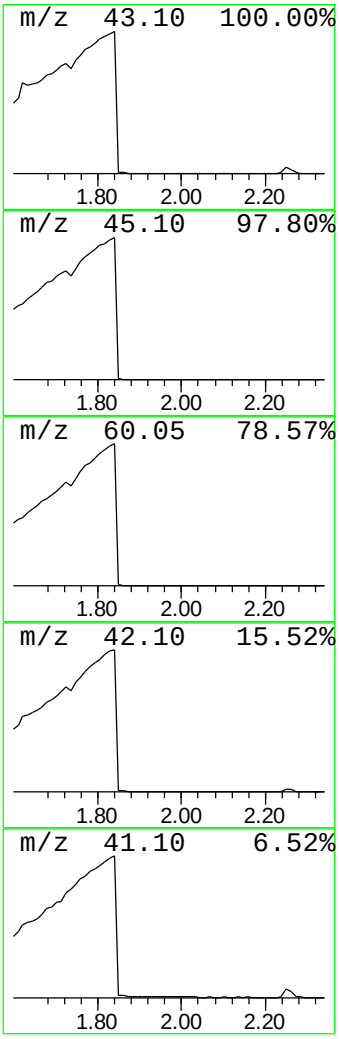
****

Peak Number 2 Acetic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.84	219.92 ng	9395090	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid	60	C2H4O2	000064-19-7	90
2	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
3	Thiirane	60	C2H4S	000420-12-2	9
4	Ammonium acetate	77	C2H7NO2	000631-61-8	9
5	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	7





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085040.D
Acq On : 12 Feb 2016 4:39
Operator : SJ/IZ
Sample : H1410-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B039(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

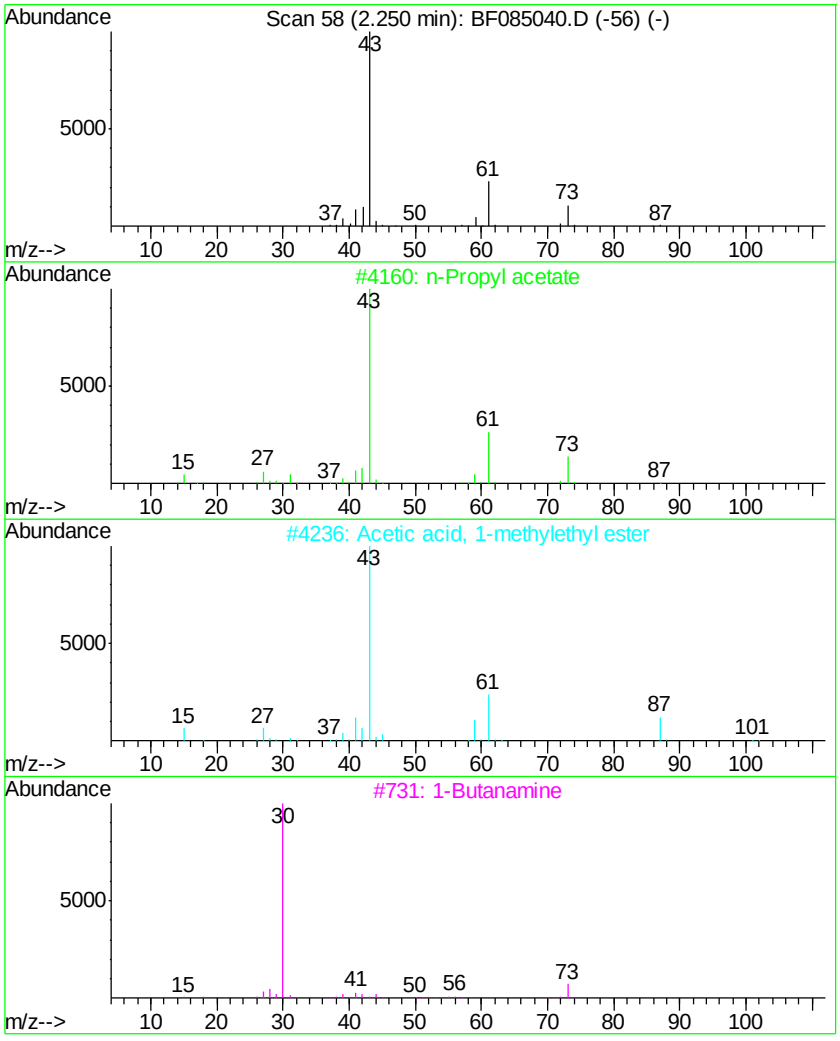
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

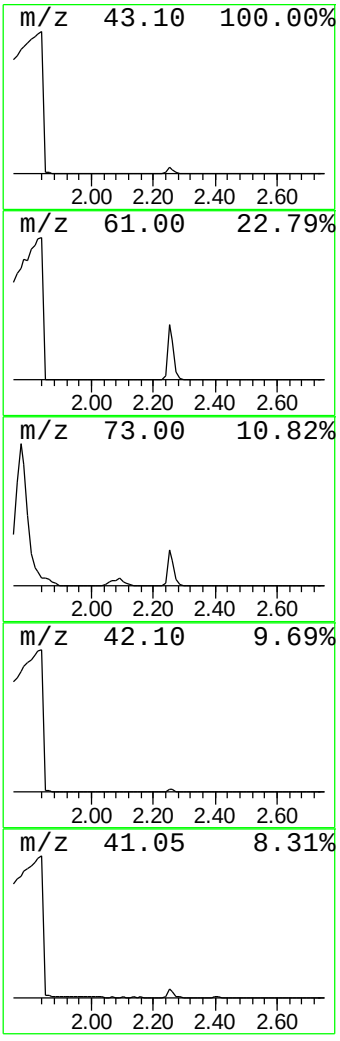
****

Peak Number 3 n-Propyl acetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	5.22 ng	222834	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	38
3	1-Butanamine	73	C4H11N	000109-73-9	7
4	Isobutylamine	73	C4H11N	000078-81-9	5
5	5-Methyloxazolidine	87	C4H9NO	058328-22-6	4





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085040.D
Acq On : 12 Feb 2016 4:39
Operator : SJ/IZ
Sample : H1410-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B039(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

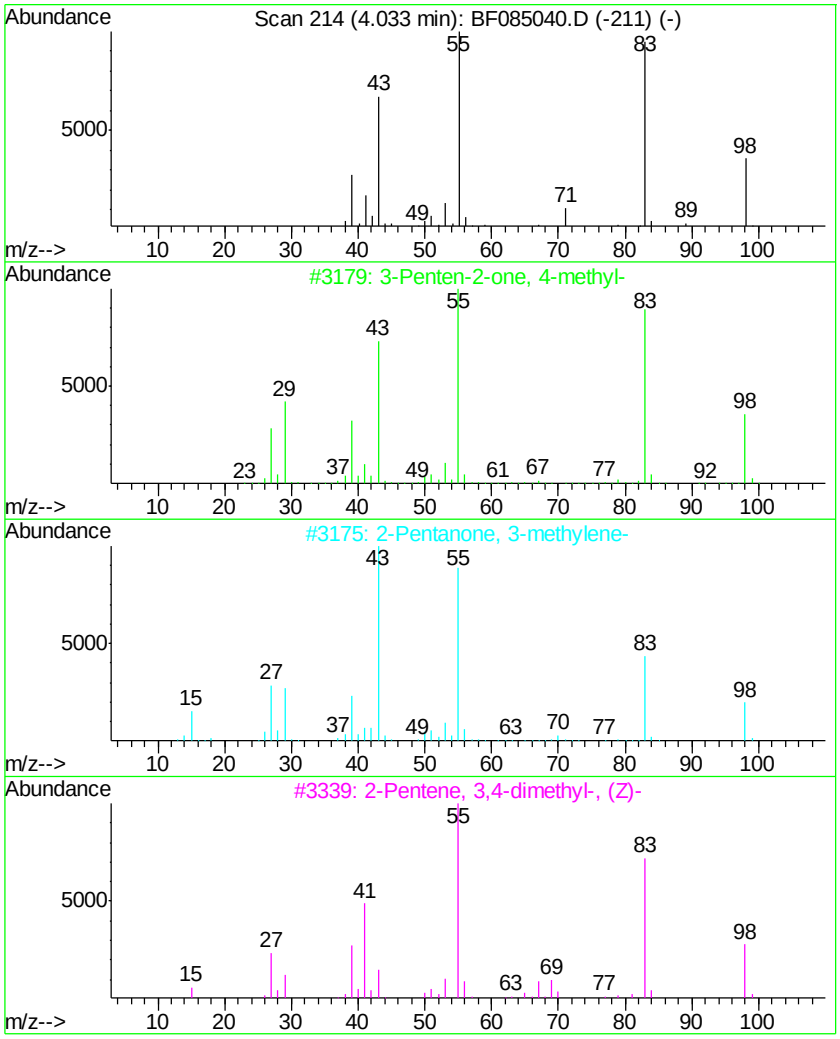
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

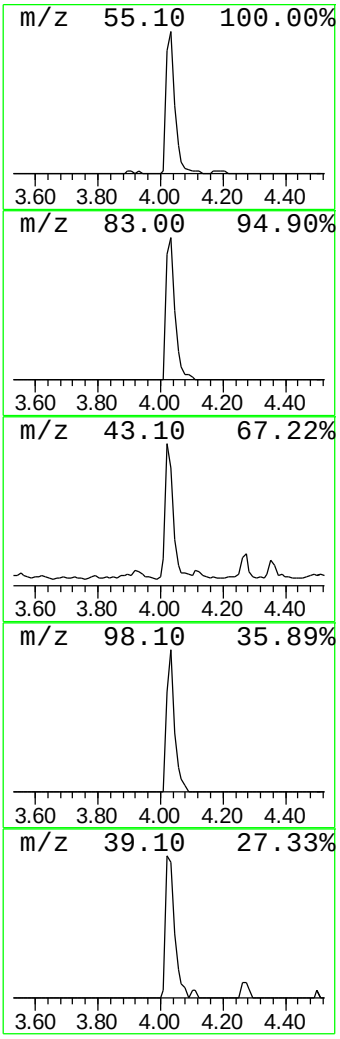
****

Peak Number 4 3-Penten-2-one, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	3.88 ng	165795	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	87
2	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	72
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	72
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	72
5	Cyclohexane, methyl-	98	C7H14	000108-87-2	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085040.D
Acq On : 12 Feb 2016 4:39
Operator : SJ/IZ
Sample : H1410-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B039(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

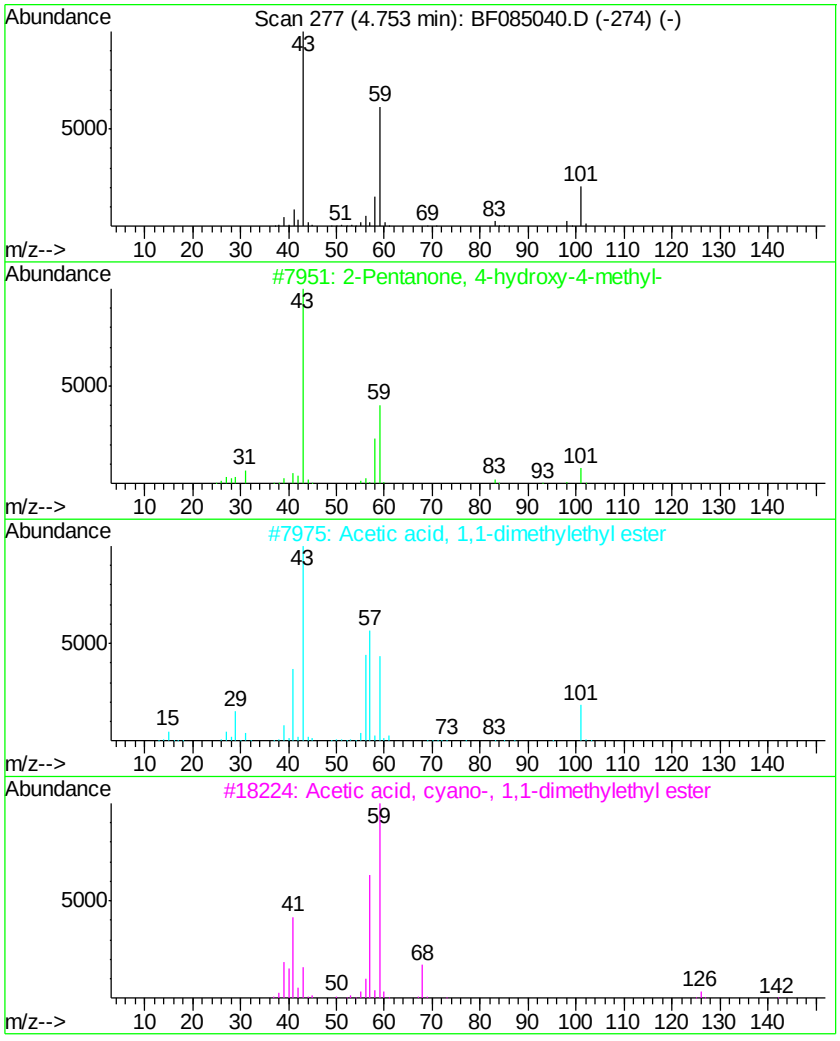
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

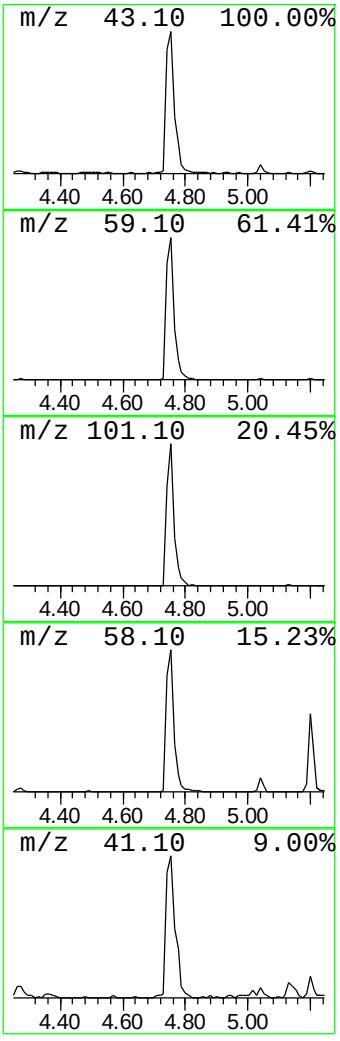
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	24.27 ng	1036860	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085040.D
Acq On : 12 Feb 2016 4:39
Operator : SJ/IZ
Sample : H1410-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B039(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

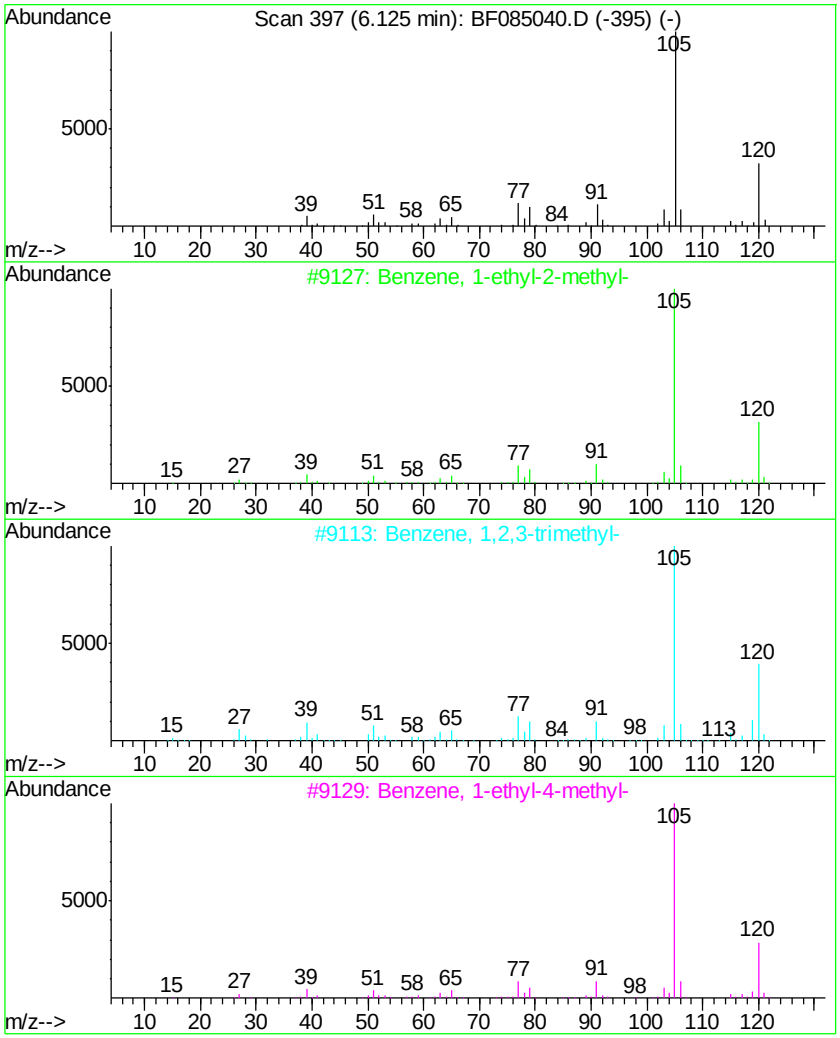
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

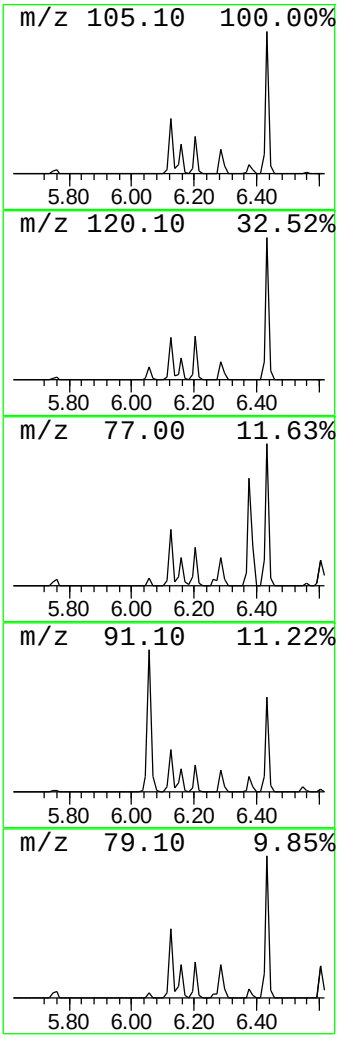
****

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	4.92 ng	210030	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085040.D
Acq On : 12 Feb 2016 4:39
Operator : SJ/IZ
Sample : H1410-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B039(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

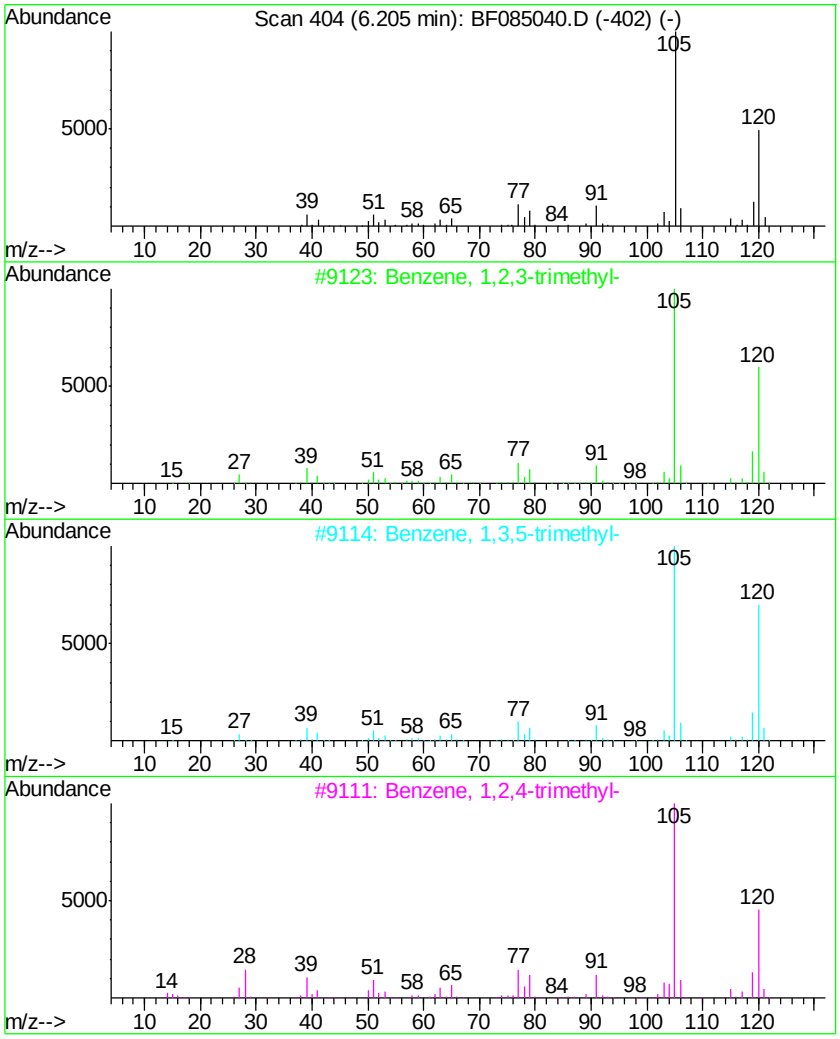
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

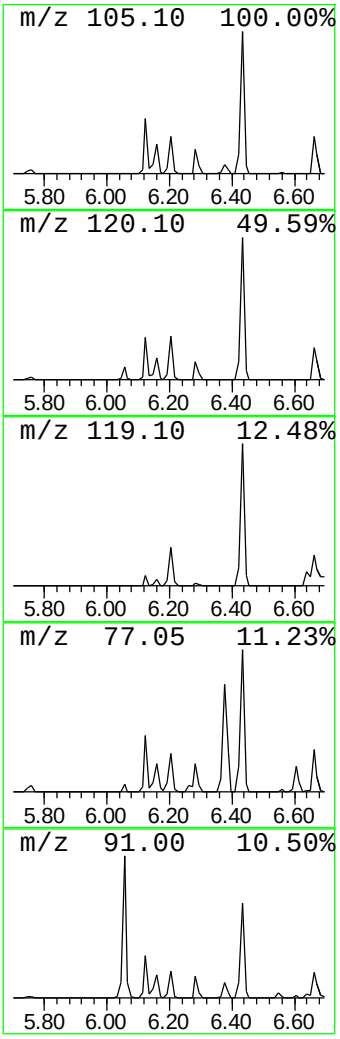
****

Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	3.96 ng	169346	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085040.D
Acq On : 12 Feb 2016 4:39
Operator : SJ/IZ
Sample : H1410-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B039(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

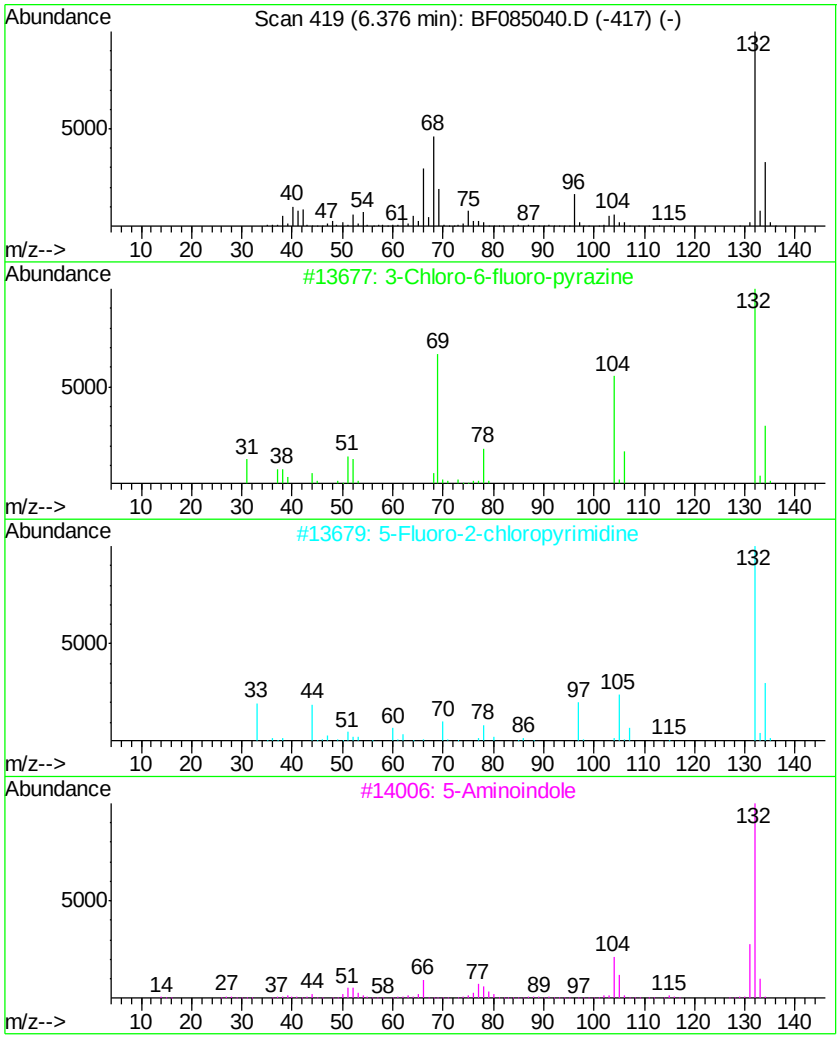
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

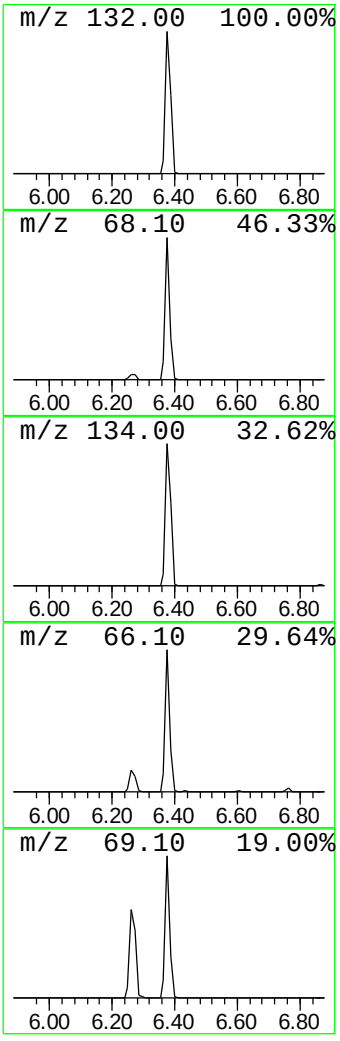
****

Peak Number 12 unknown6.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	84.06 ng	3591080	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085040.D
Acq On : 12 Feb 2016 4:39
Operator : SJ/IZ
Sample : H1410-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B039(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

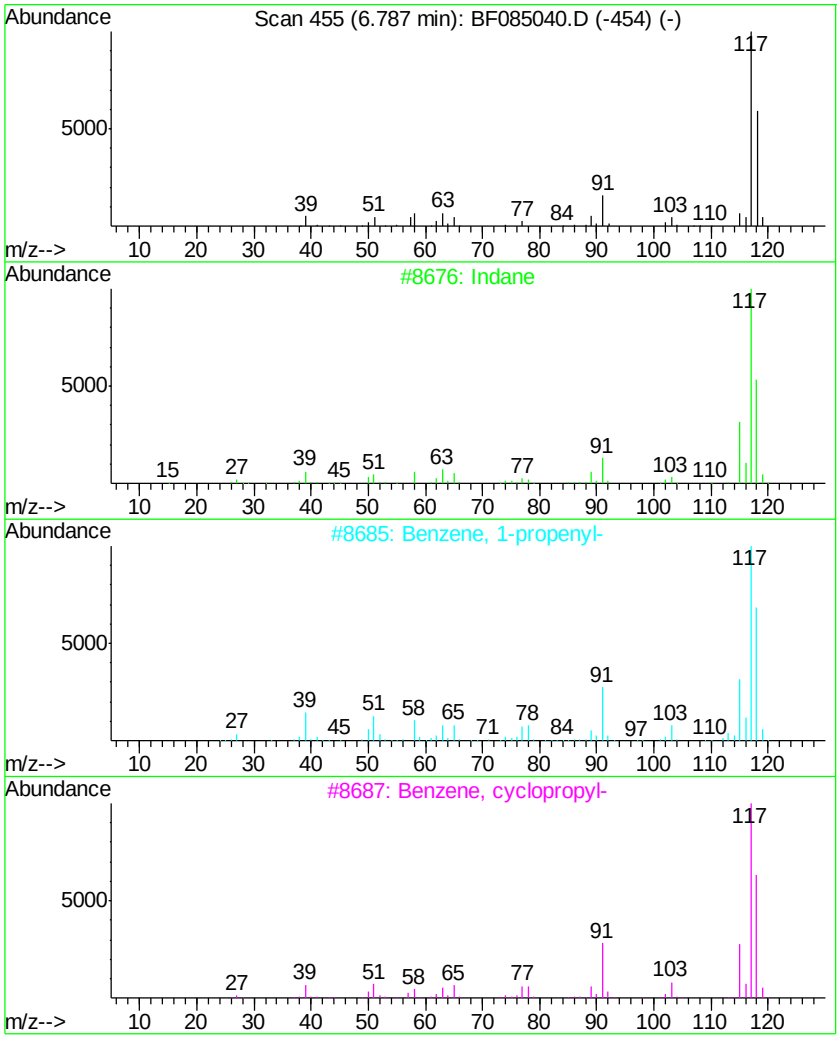
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

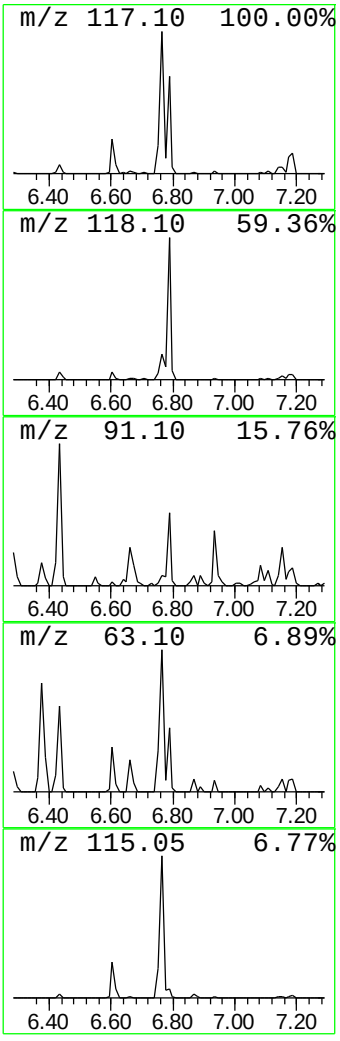
****

Peak Number 16 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	4.53 ng	193617	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	90
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	50
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085040.D
Acq On : 12 Feb 2016 4:39
Operator : SJ/IZ
Sample : H1410-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B039(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

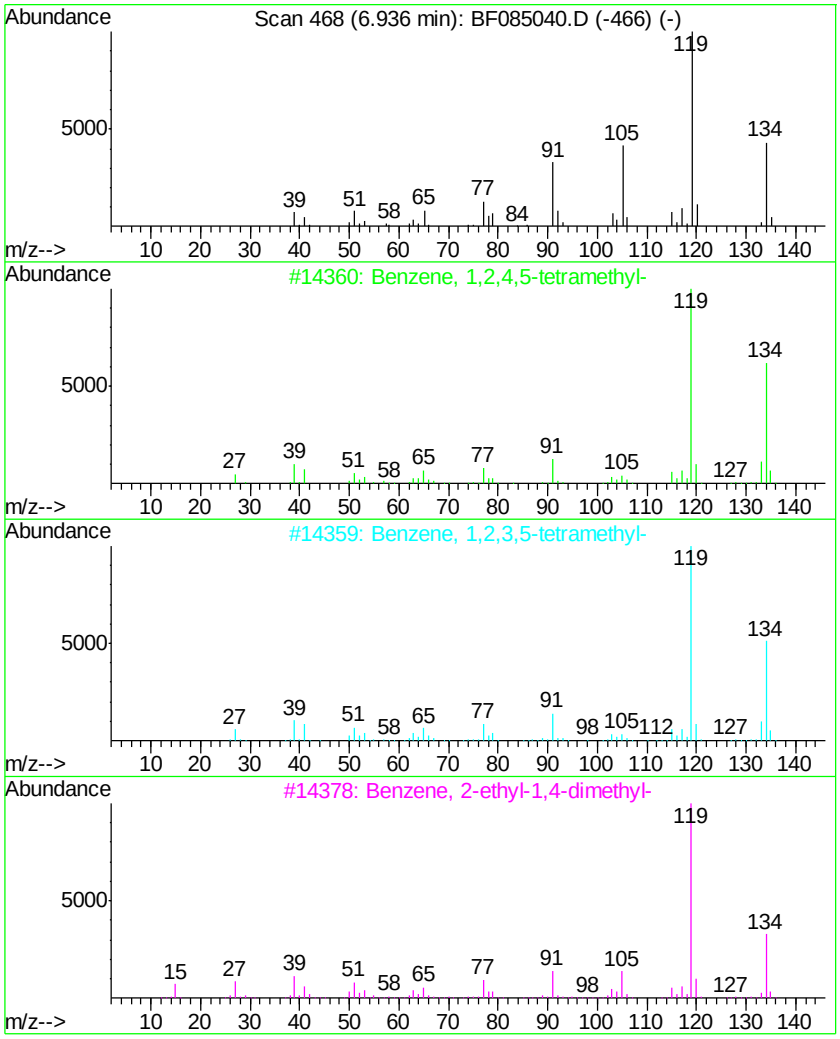
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

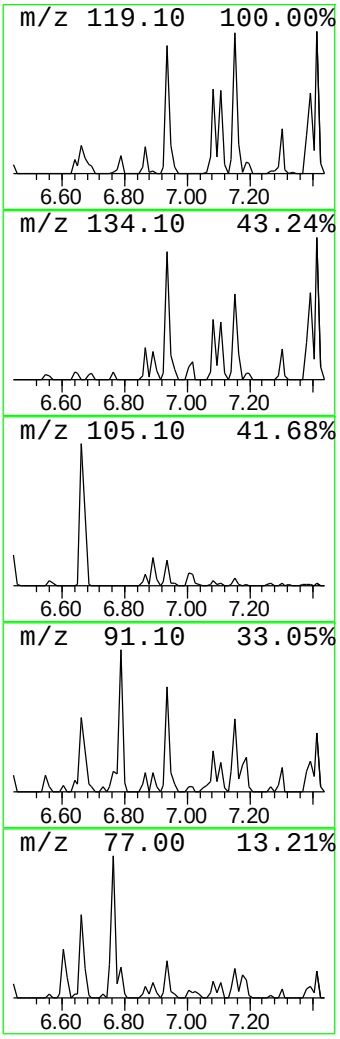
****

Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	2.54 ng	108380	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085040.D
Acq On : 12 Feb 2016 4:39
Operator : SJ/IZ
Sample : H1410-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B039(9-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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
Acetic acid	1.84	219.9	ng	9395090	1	6.60	854411	20.0
n-Propyl acetate	2.25	5.2	ng	222834	1	6.60	854411	20.0
3-Penten-2-one, 4...	4.03	3.9	ng	165795	1	6.60	854411	20.0
2-Pentanone, 4-hy...	4.75	24.3	ng	1036860	1	6.60	854411	20.0
Benzene, 1-ethyl-...	6.12	4.9	ng	210030	1	6.60	854411	20.0
Benzene, 1,2,3-tr...	6.20	4.0	ng	169346	1	6.60	854411	20.0
unknown6.38	6.38	84.1	ng	3591080	1	6.60	854411	20.0
Indane	6.79	4.5	ng	193617	1	6.60	854411	20.0
Benzene, 1,2,4,5-...	6.94	2.5	ng	108380	1	6.60	854411	20.0