LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085141.D
Acq On : 3 Mar 2016 1:24
Operator : SJ/IZ
Sample : H1623-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-33-022516

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-BF030116.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	2.938	55	57	62	rVB	195926	272204	5.12%	0.562%
2	4.596	199	202	205	rBV	465829	598586	11.25%	1.236%
3	5.076	232	244	245	rBV	38901	140081	2.63%	0.289%
4	5.213	253	256	260	rVB	1047713	1473697	27.70%	3.043%
5	5.476	276	279	281	rVB	63186	58722	1.10%	0.121%
6	5.613	286	291	293	rBV	4251901	5031965	94.59%	10.390%
7	6.516	368	370	372	rBV	182249	152474	2.87%	0.315%
8	6.619	375	379	381	rBV	4034359	4589246	86.27%	9.475%
9	6.676	382	384	386	rVB	82448	68740	1.29%	0.142%
10	6.756	389	391	394	rBV	3725748	4905864	92.22%	10.129%
11	6.813	394	396	399	rVB	308294	348272	6.55%	0.719%
12	6.996	409	412	414	rBV	938344	1059237	19.91%	2.187%
13	7.053	414	417	418	rVB	94468	96896	1.82%	0.200%
14	7.144	423	425	428	rBV	3197536	4004525	75.28%	8.268%
15	7.305	438	439	445	rBV2	45118	71645	1.35%	0.148%
16	7.556	458	461	463	rVB	3341192	3683665	69.25%	7.606%
17	8.013	497	501	503	rBV2	103059	133015	2.50%	0.275%
18	8.299	521	526	528	rBV2	1816529	3169844	59.59%	6.545%
19	8.345	528	530	532	rVB	111011	88848	1.67%	0.183%
20	8.985	584	586	588	rVB	353258	297373	5.59%	0.614%
21	9.088	592	595	597	rBV	123660	106875	2.01%	0.221%
22	9.350	615	618	621	rBV	5486468	5319613	100.00%	10.983%
23	10.025	675	677	679	rBV	1049359	1464825	27.54%	3.024%
24	10.813	744	746	749	rBV2	2531967	3512662	66.03%	7.253%
25	11.511	805	807	810	rBV2	1262456	1369472	25.74%	2.828%
26	13.099	943	946	948	rBV	4918729	4477147	84.16%	9.244%
27	14.151	1035	1038	1040	rBV	1031656	954691	17.95%	1.971%
28	15.625	1164	1167	1170	rBV	779198	982876	18.48%	2.029%

Sum of corrected areas: 48433060

LSC Report - Integrated Chromatogram

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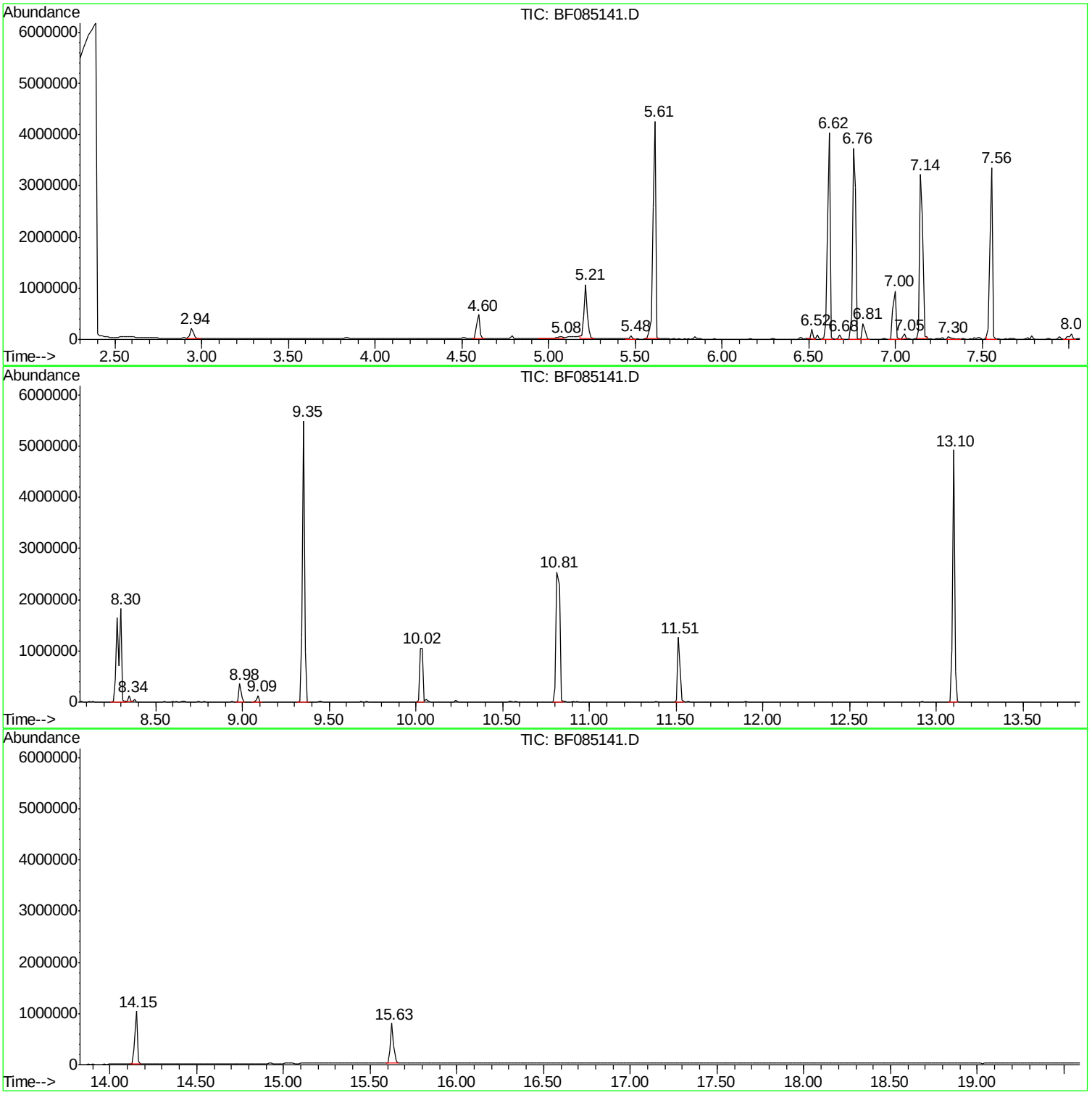
Operator : SJ/IZ
Sample : H1623-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-33-022516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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\BF030216\
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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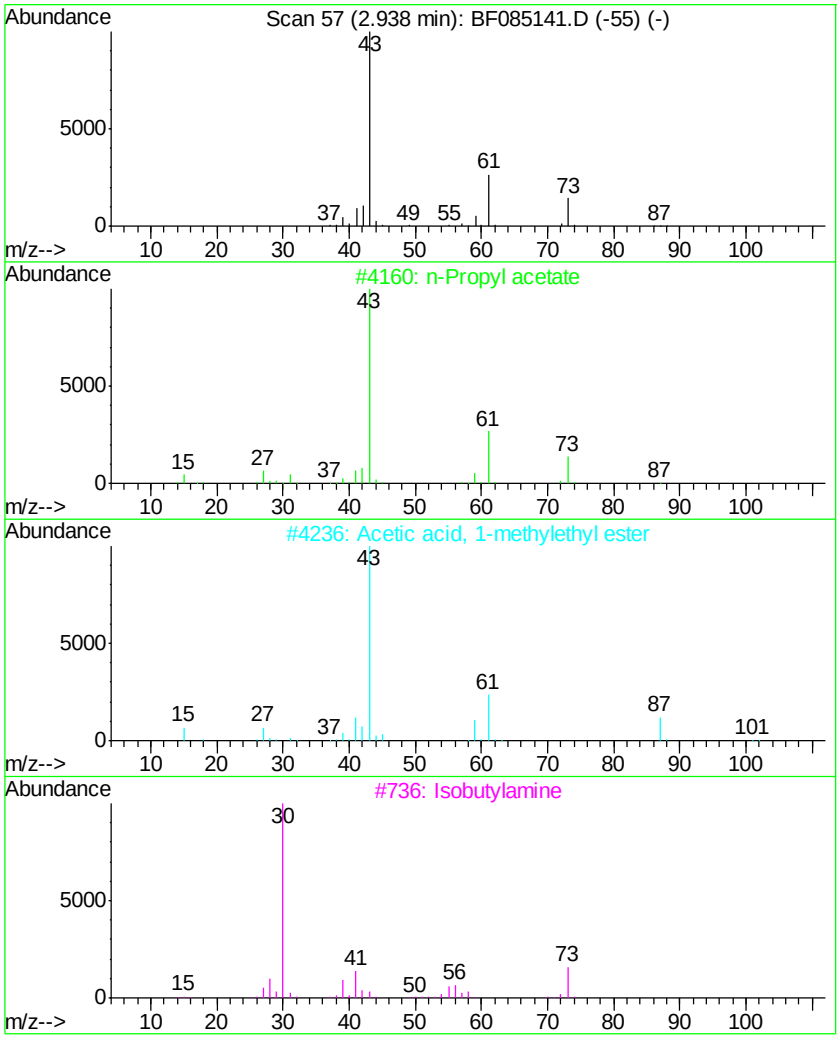
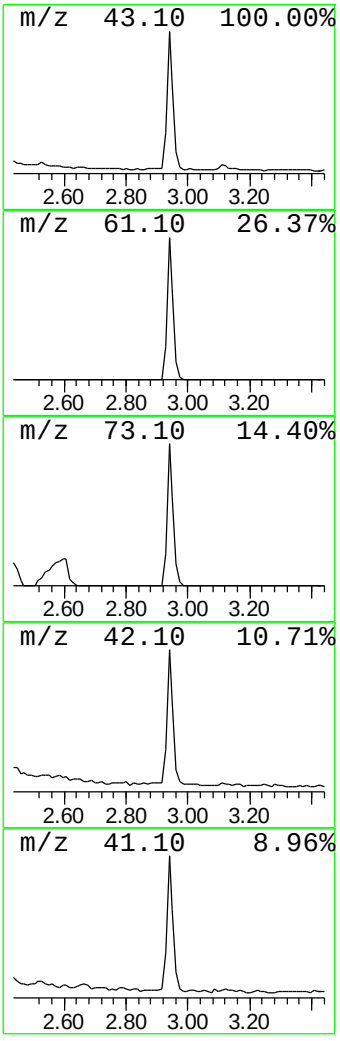
Peak Number 1 n-Propyl acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	5.14 ng	272204	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	9
3	Isobutylamine	73	C4H11N	000078-81-9	7
4	1-Butanamine	73	C4H11N	000109-73-9	7
5	Pentane	72	C5H12	000109-66-0	4





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Acq On : 3 Mar 2016 1:24
Operator : SJ/IZ
Sample : H1623-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-33-022516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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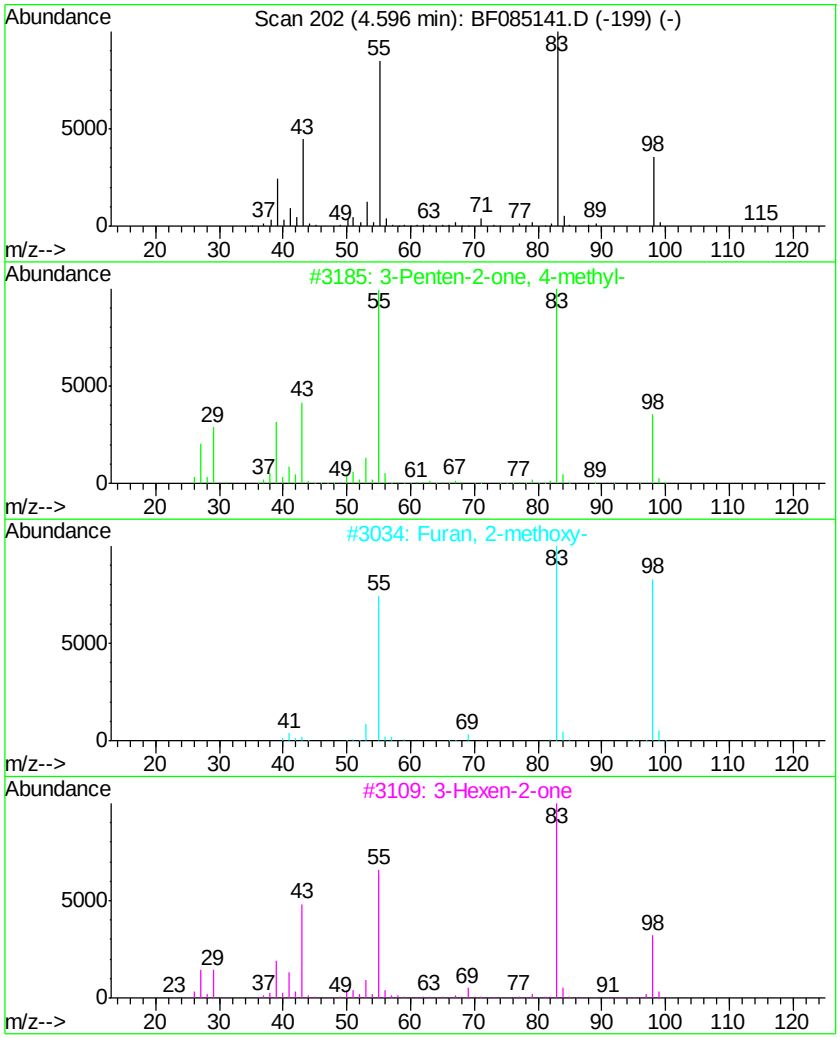
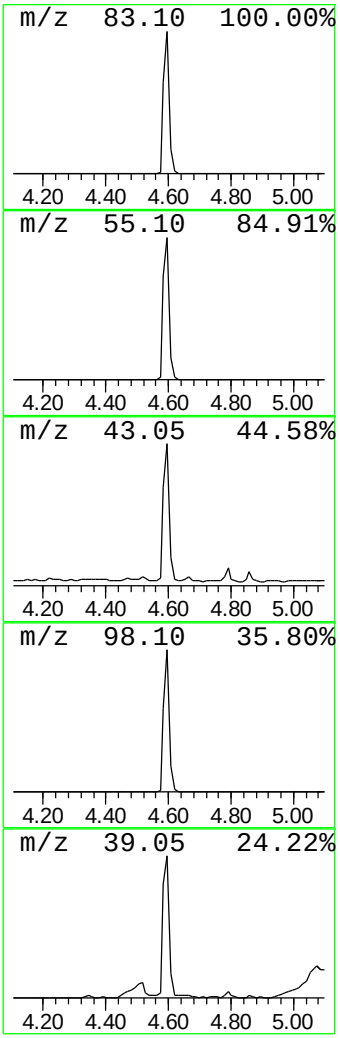
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	11.30 ng	598586	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	90
3	3-Hexen-2-one	98	C6H10O	000763-93-9	87
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085141.D
Acq On : 3 Mar 2016 1:24
Operator : SJ/IZ
Sample : H1623-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-33-022516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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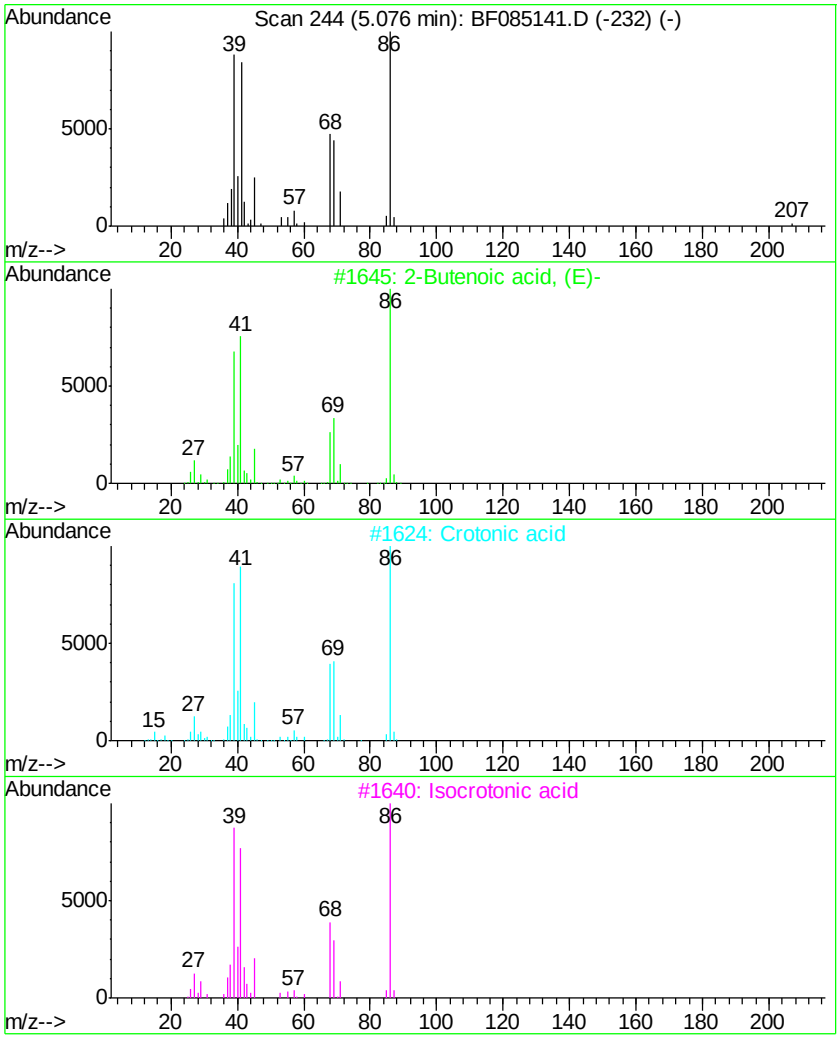
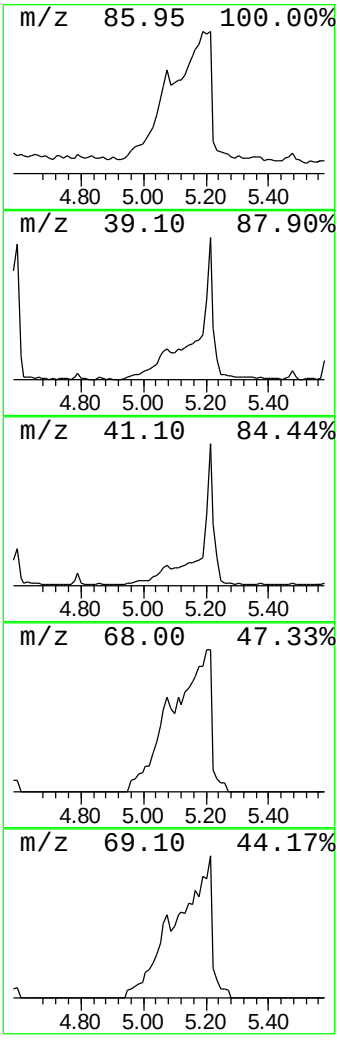
Peak Number 3 2-Butenoic acid, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	2.64 ng	140081	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, (E)-	86	C4H6O2	000107-93-7	97
2	Crotonic acid	86	C4H6O2	003724-65-0	95
3	Isocrotonic acid	86	C4H6O2	000503-64-0	94
4	2-Propenoic acid, 2-methyl-	86	C4H6O2	000079-41-4	90
5	2H-Pyran-2-one	96	C5H4O2	000504-31-4	64





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Operator : SJ/IZ
Sample : H1623-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-33-022516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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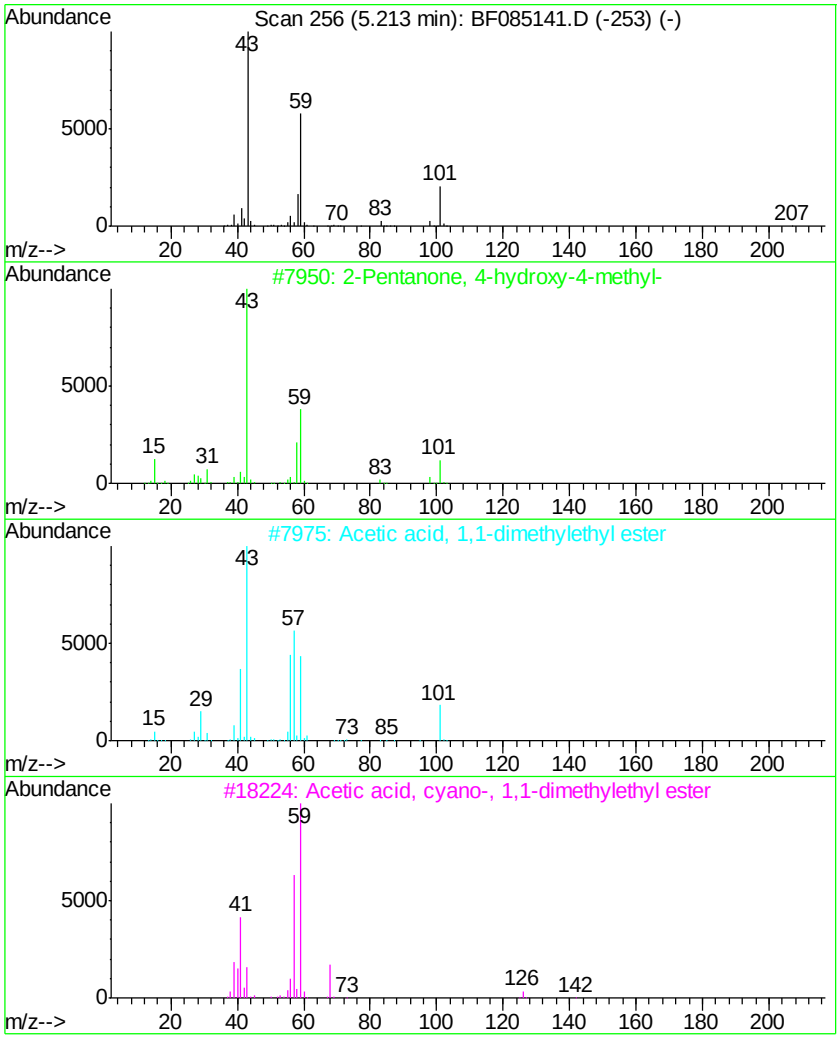
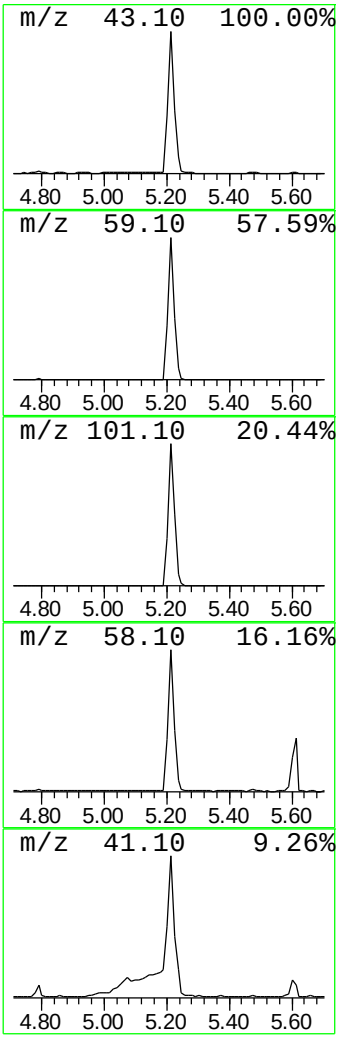
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	27.83 ng	1473700	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
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	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Data File : BF085141.D
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Operator : SJ/IZ
Sample : H1623-06
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ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-33-022516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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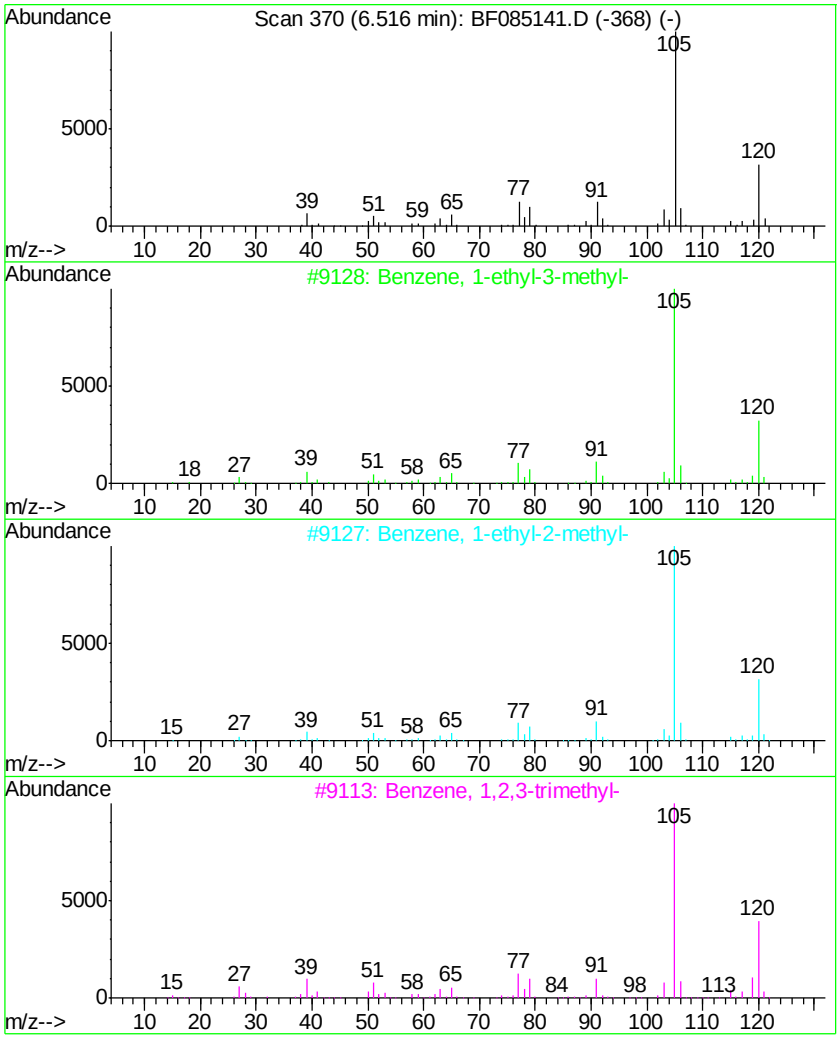
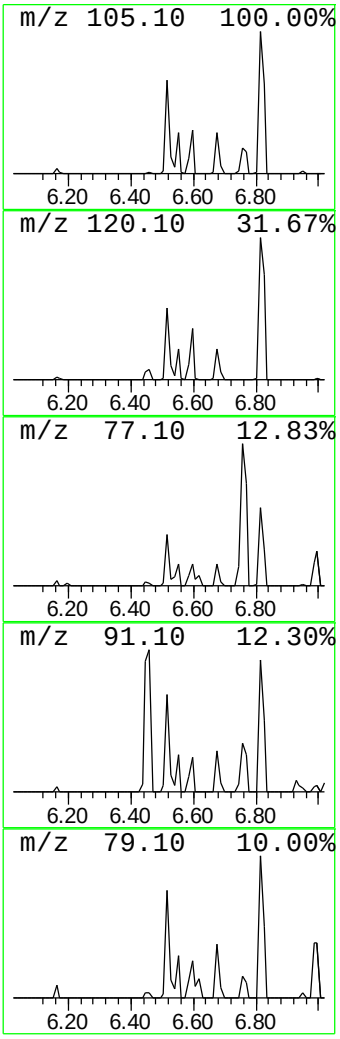
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	2.88 ng	152474	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-33-022516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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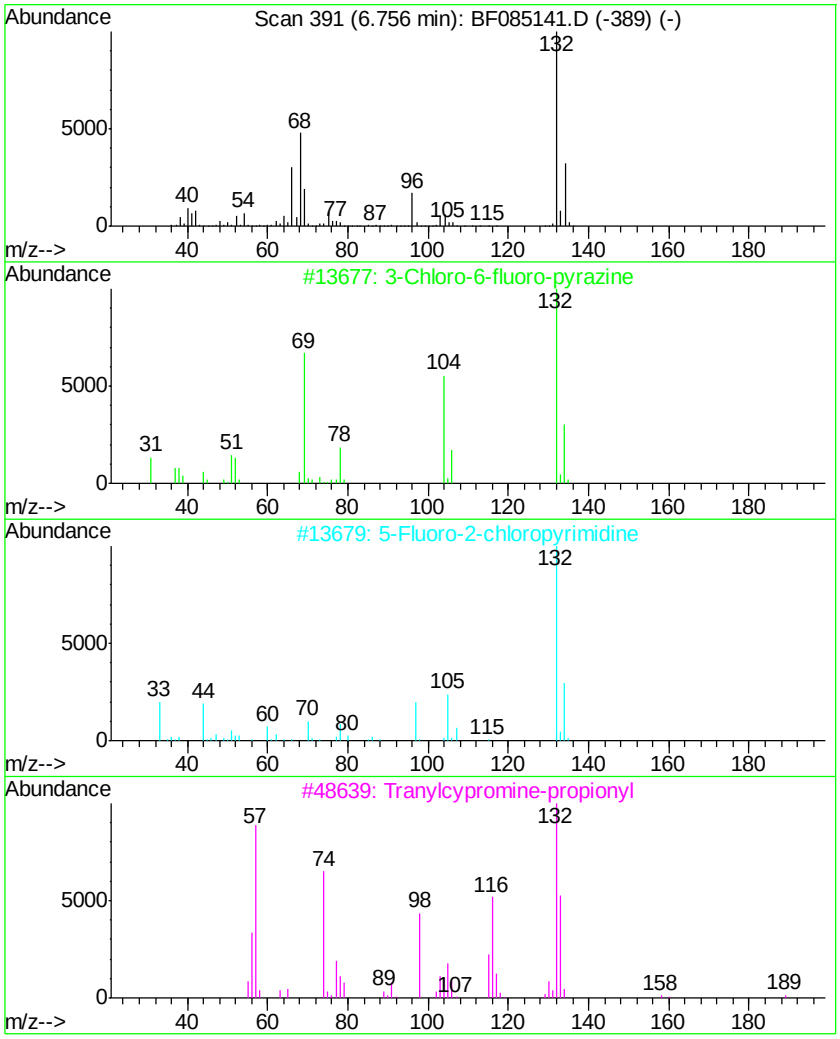
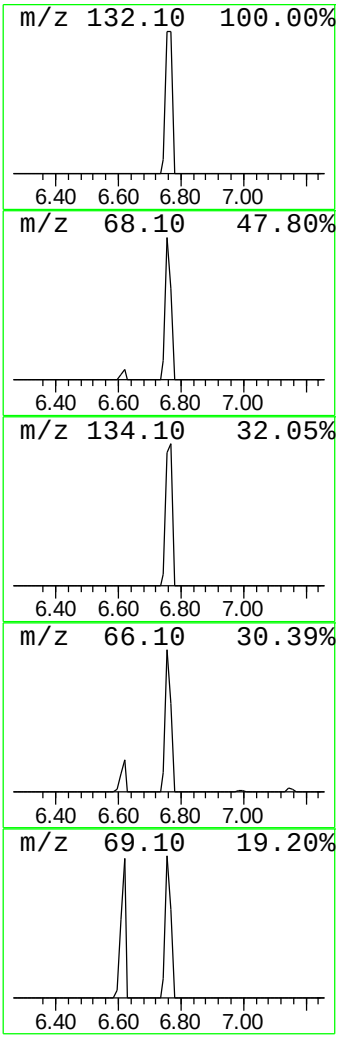
Peak Number 6 unknown6.76 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	92.63 ng	4905860	1,4-Dichlorobenzene-d4	7.00

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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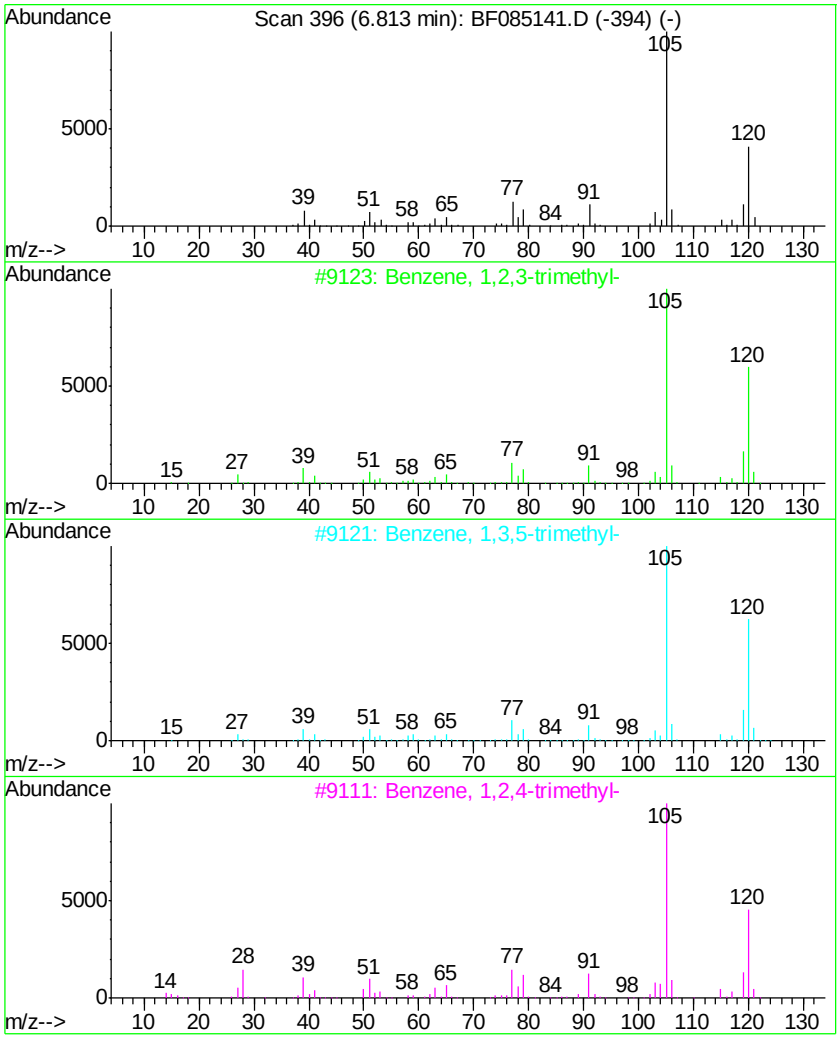
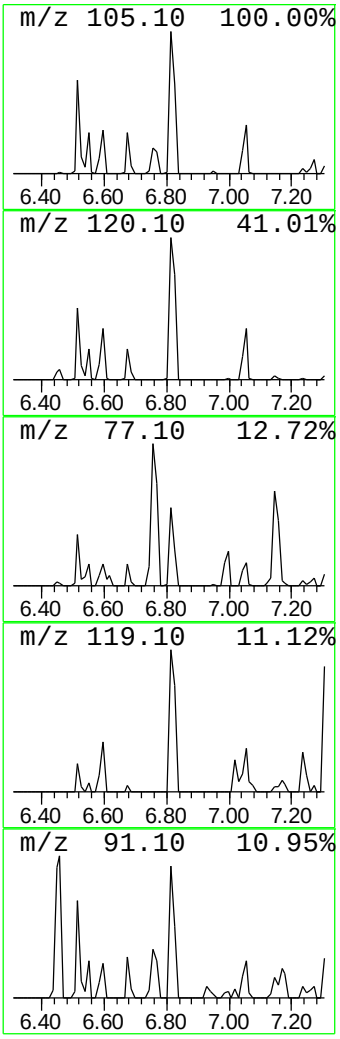
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	6.58 ng	348272	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Propyl acetate	2.94	5.1	ng	272204	1	7.00	1059240	20.0
3-Penten-2-one, 4...	4.60	11.3	ng	598586	1	7.00	1059240	20.0
2-Butenoic acid, ...	5.08	2.6	ng	140081	1	7.00	1059240	20.0
2-Pentanone, 4-hy...	5.21	27.8	ng	1473700	1	7.00	1059240	20.0
Benzene, 1-ethyl-...	6.52	2.9	ng	152474	1	7.00	1059240	20.0
unknown6.76	6.76	92.6	ng	4905860	1	7.00	1059240	20.0
Benzene, 1,2,3-tr...	6.81	6.6	ng	348272	1	7.00	1059240	20.0