LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
Data File : BF077779.D
Acq On : 17 Mar 2015 18:48
Operator : TP/IZ
Sample : G1544-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-12-DEP

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-BF031115.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	1.447	45	49	51	rVB	224426	372996	26.27%	3.493%
2	1.607	60	63	66	rVV	500671	570924	40.22%	5.346%
3	1.675	66	69	77	rVV	53187	109714	7.73%	1.027%
4	1.790	77	79	102	rVB	491114	871484	61.39%	8.161%
5	4.098	278	281	288	rVB	17908	28046	1.98%	0.263%
6	4.910	351	352	365	rVB	188906	295259	20.80%	2.765%
7	5.447	396	399	401	rBV	314894	376812	26.54%	3.529%
8	5.950	440	443	446	rVB	26298	25202	1.78%	0.236%
9	6.727	509	511	513	rBV	218784	240497	16.94%	2.252%
10	6.864	521	523	526	rBV	631961	676269	47.64%	6.333%
11	7.162	547	549	551	rBV	244604	241619	17.02%	2.263%
12	7.344	563	565	568	rBV	980178	869815	61.27%	8.145%
13	7.847	607	609	612	rBV	515559	617906	43.53%	5.786%
14	8.739	684	687	689	rBV	297439	316337	22.28%	2.962%
15	9.447	747	749	751	rBV	20886	19044	1.34%	0.178%
16	10.076	802	804	807	rBV	1010608	1355558	95.49%	12.694%
17	10.590	847	849	851	rBV	25117	20777	1.46%	0.195%
18	10.910	874	877	879	rVB	255138	356766	25.13%	3.341%
19	11.436	921	923	927	rVB	17795	24244	1.71%	0.227%
20	11.802	953	955	958	rBV	60601	78536	5.53%	0.735%
21	11.882	960	962	965	rBV	598179	565863	39.86%	5.299%
22	12.739	1035	1037	1040	rBV	336516	381846	26.90%	3.576%
23	14.739	1209	1212	1215	rBV	1467379	1419601	100.00%	13.294%
24	16.020	1322	1324	1327	rBV	395202	425057	29.94%	3.980%
25	17.734	1471	1474	1477	rBV	358233	418606	29.49%	3.920%

Sum of corrected areas: 10678778

LSC Report - Integrated Chromatogram

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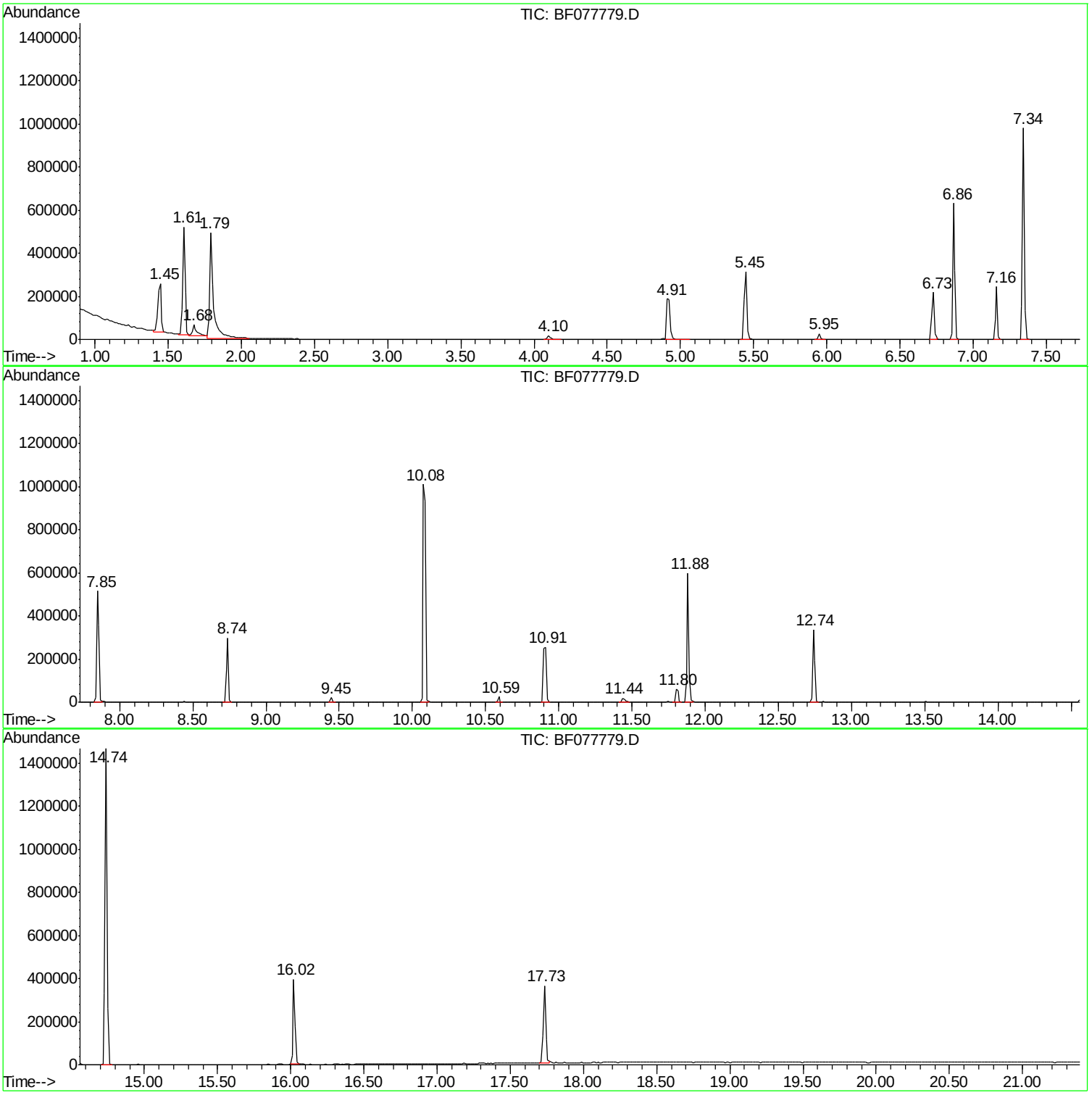
Operator : TP/IZ
Sample : G1544-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-12-DEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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\BF031715\
Data File : BF077779.D
Acq On : 17 Mar 2015 18:48
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Sample : G1544-12
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ClientSampleId : TW-12-DEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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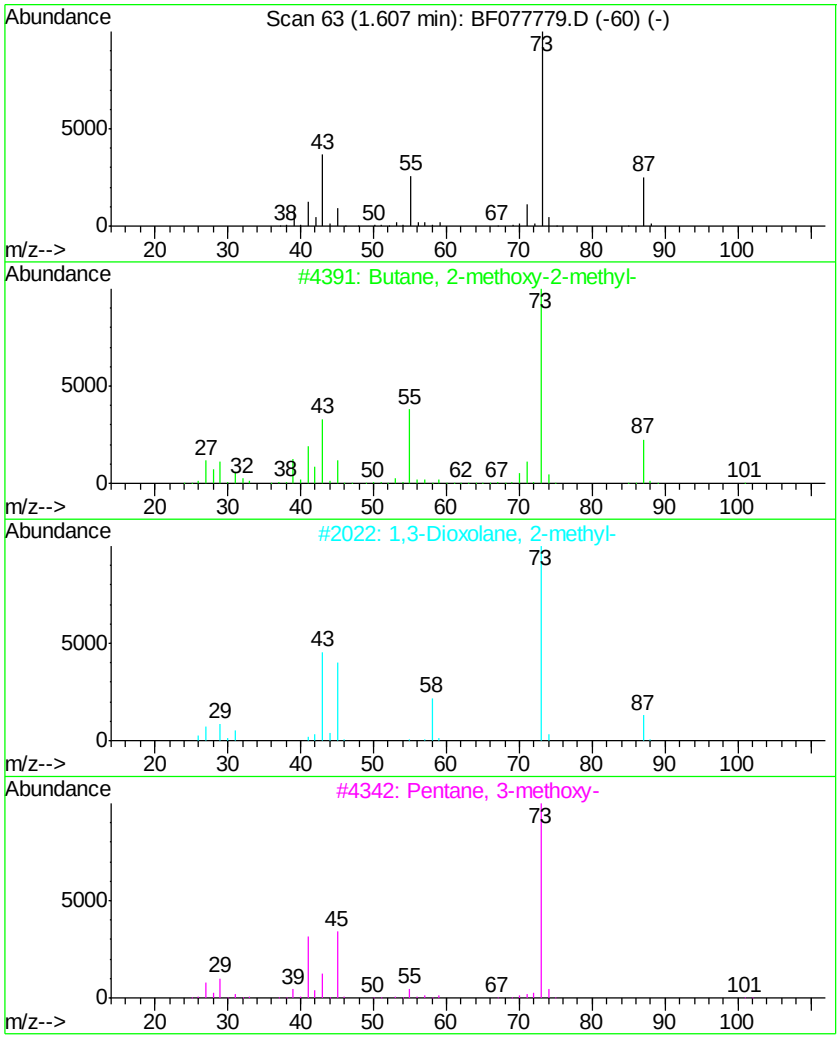
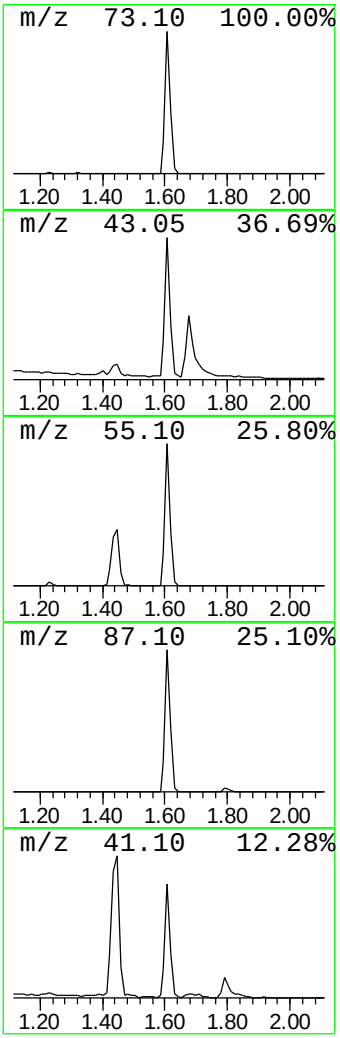
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.61	47.26 ng	570924	1,4-Dichlorobenzene-d4	7.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : TP/IZ
Sample : G1544-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-12-DEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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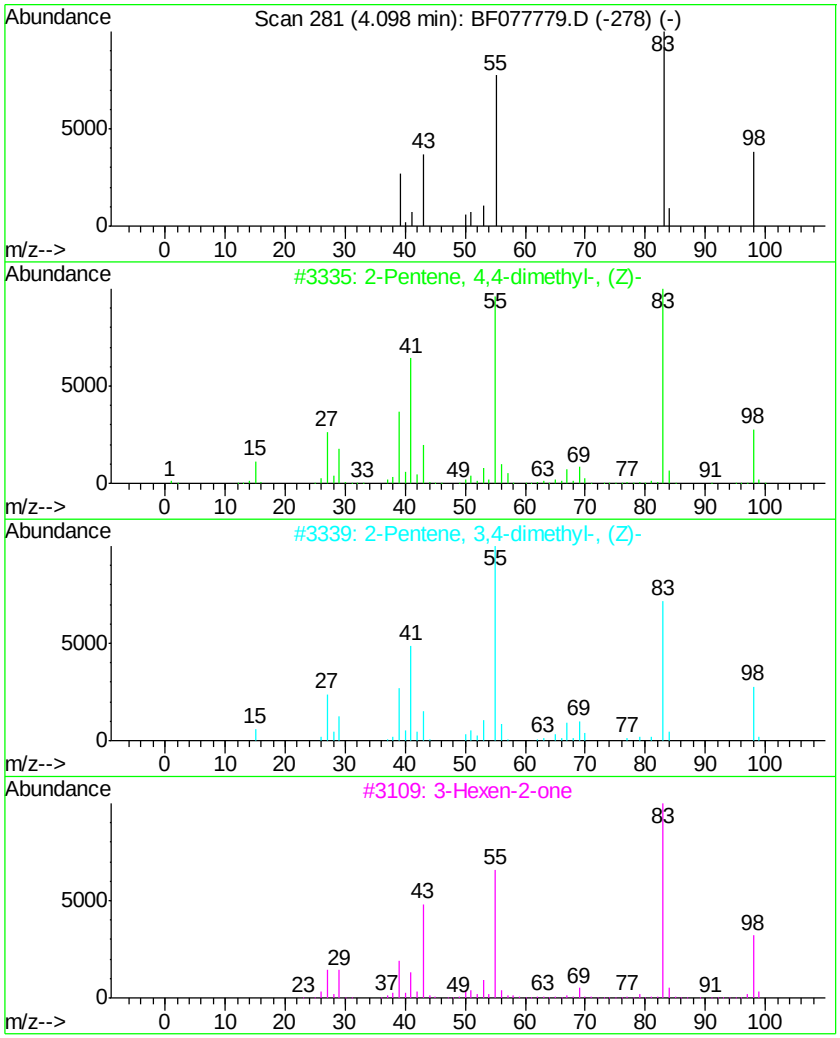
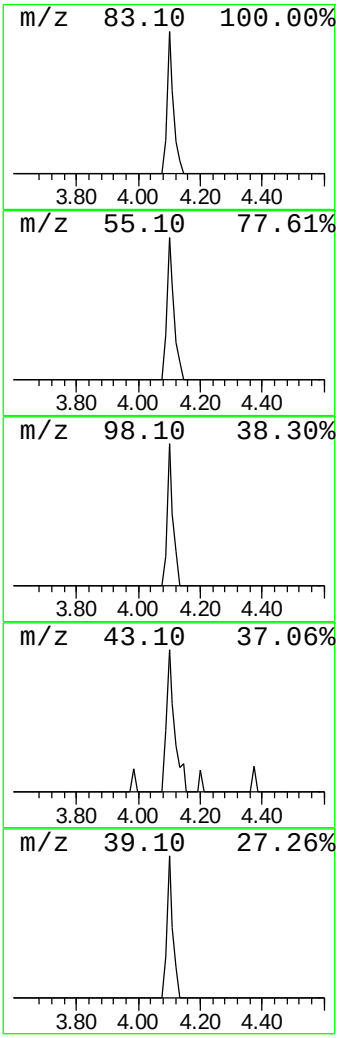
Peak Number 5 2-Pentene, 4,4-dimethyl-, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	2.32 ng	28046	1,4-Dichlorobenzene-d4	7.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	90
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	90
3	3-Hexen-2-one	98	C6H10O	000763-93-9	90
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
Data File : BF077779.D
Acq On : 17 Mar 2015 18:48
Operator : TP/IZ
Sample : G1544-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-12-DEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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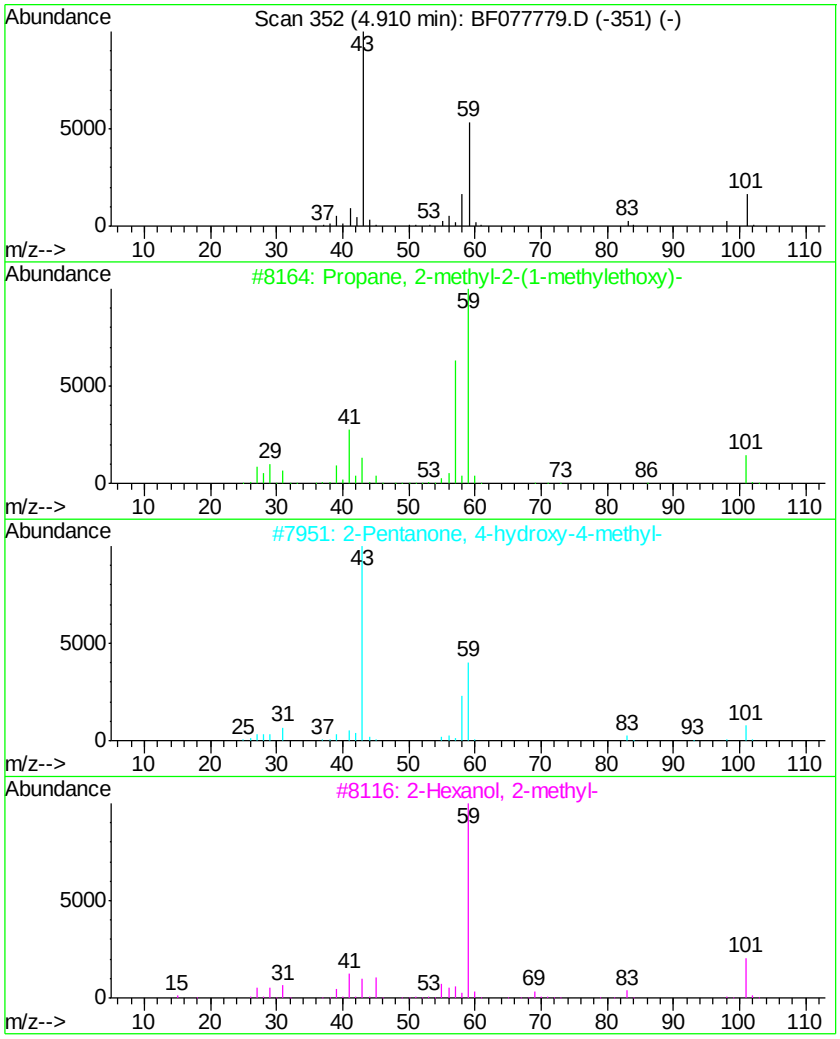
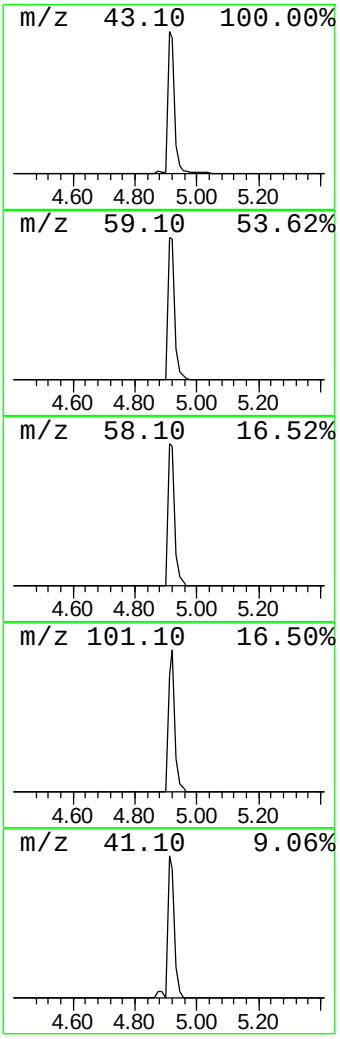
Peak Number 6 Propane, 2-methyl-2-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	24.44 ng	295259	1,4-Dichlorobenzene-d4	7.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





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Sample : G1544-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-12-DEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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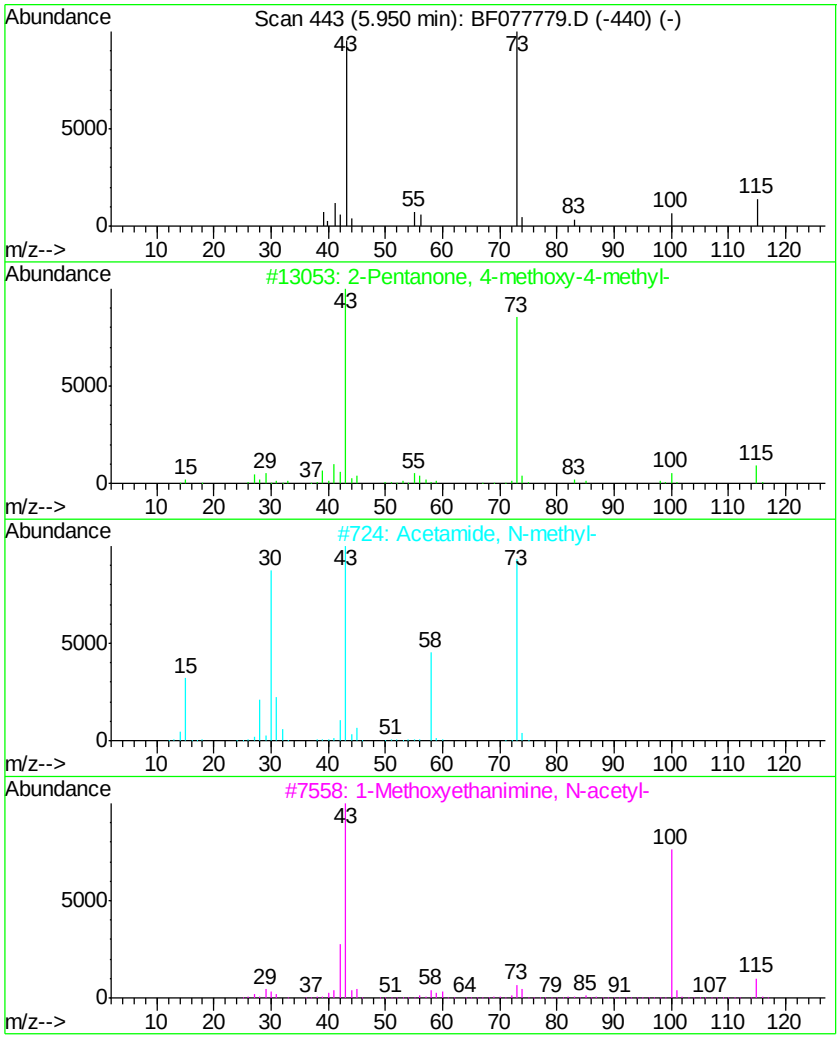
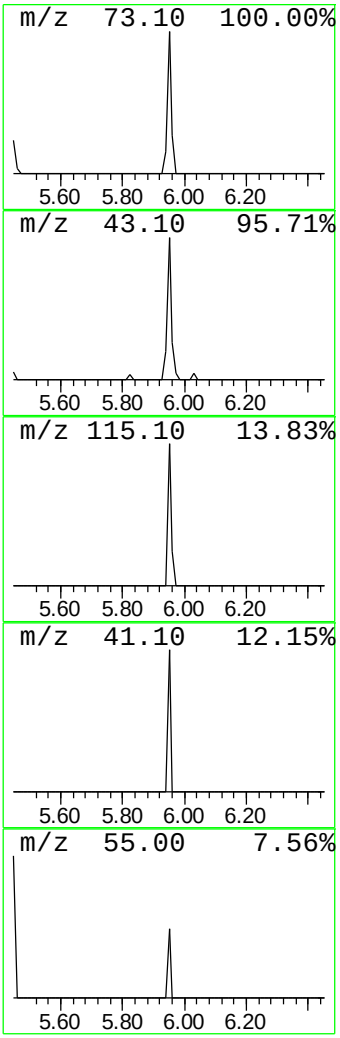
Peak Number 7 2-Pentanone, 4-methoxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	2.09 ng	25202	1,4-Dichlorobenzene-d4	7.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	7
3	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	7
4	Acetamide, N-butyl-	115	C6H13NO	001119-49-9	5
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





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Operator : TP/IZ
Sample : G1544-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-12-DEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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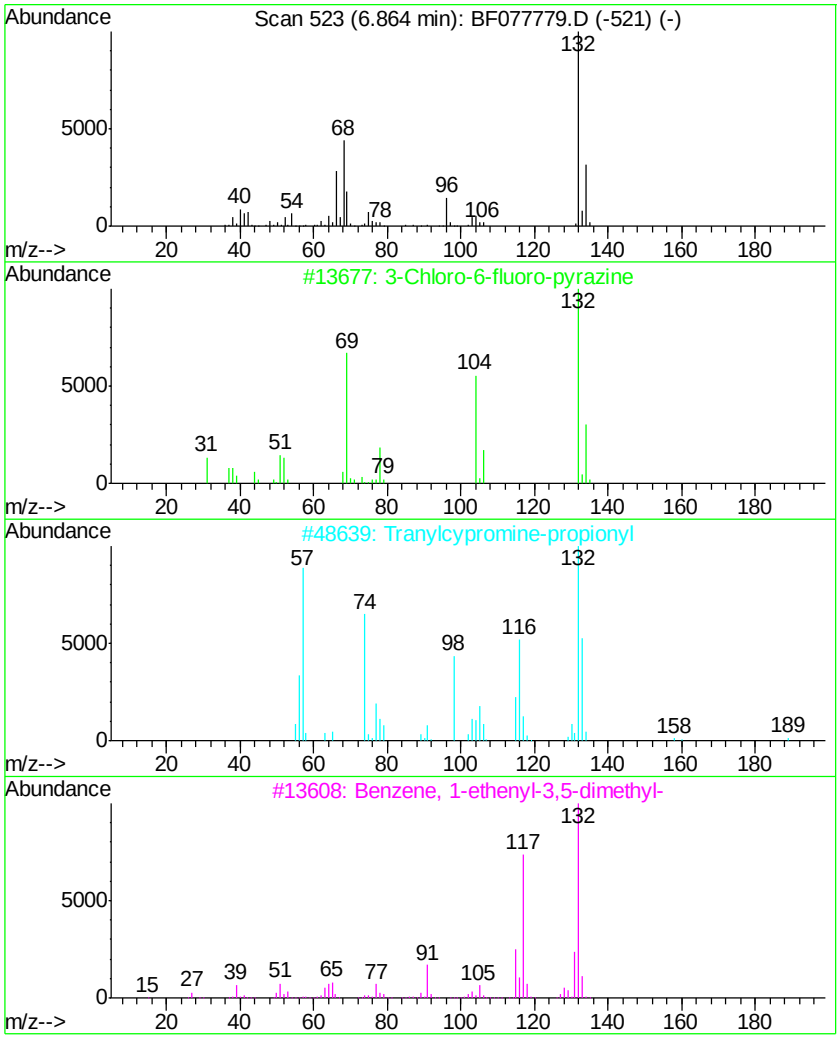
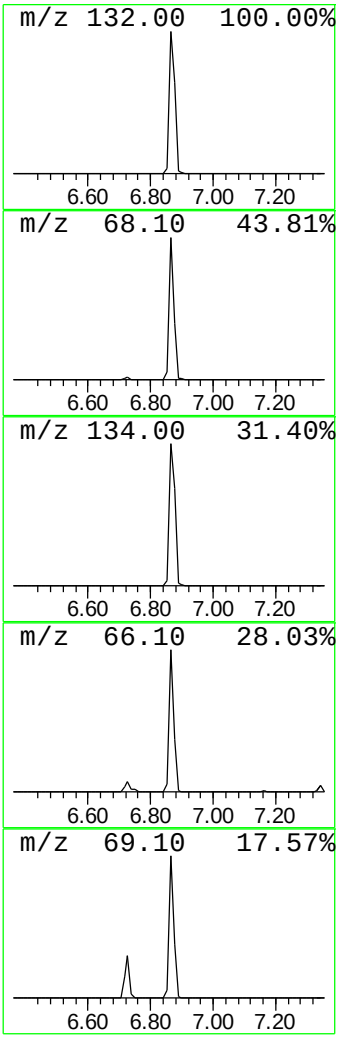
Peak Number 8 unknown6.86 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	55.98 ng	676269	1,4-Dichlorobenzene-d4	7.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Instrument : BNA_F
ClientSampleId : TW-12-DEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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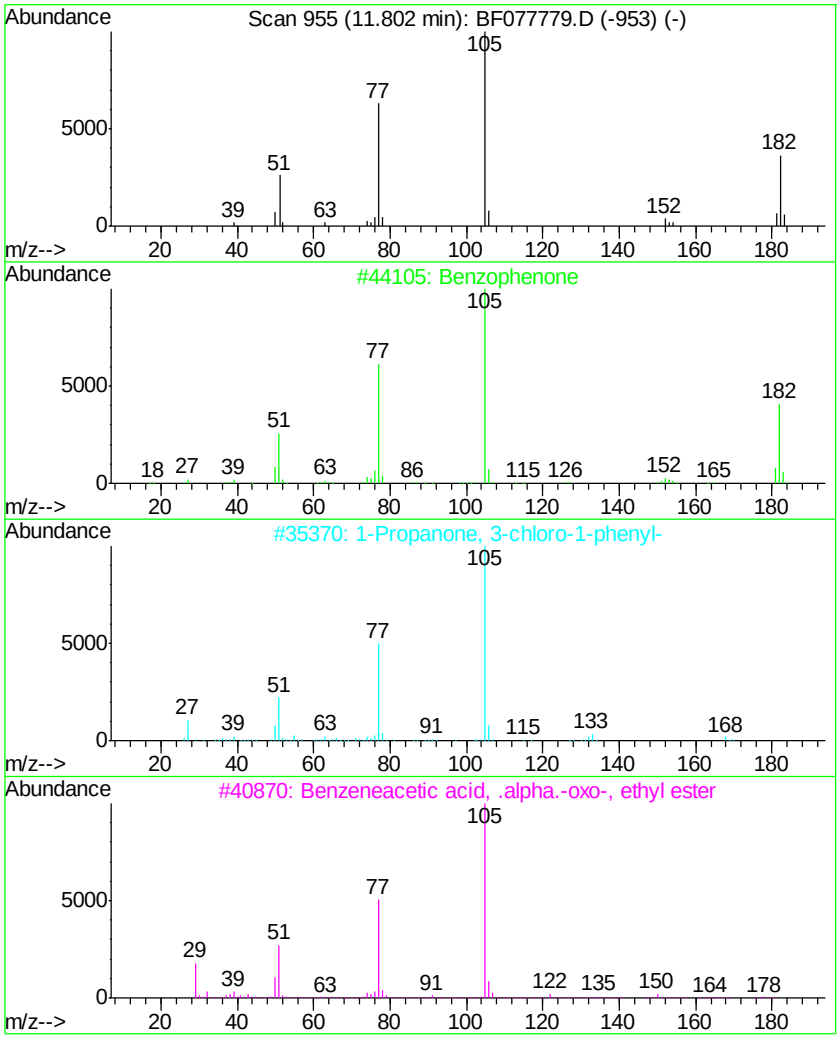
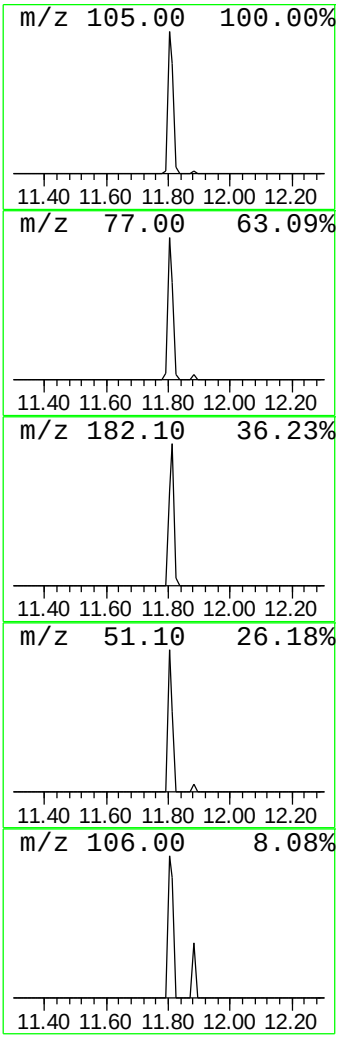
Peak Number 10 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	4.40 ng	78536	Acenaphthene-d10	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	53
3	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	53
4	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	53
5	Benzoyl bromide	184	C7H5BrO	000618-32-6	53





Tentatively Identified Compound (LSC) summary

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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
Butane, 2-methoxy...	1.61	47.3	ng	570924	1	7.16	241619	20.0
2-Pentene, 4,4-di...	4.10	2.3	ng	28046	1	7.16	241619	20.0
Propane, 2-methyl...	4.91	24.4	ng	295259	1	7.16	241619	20.0
2-Pentanone, 4-me...	5.95	2.1	ng	25202	1	7.16	241619	20.0
unknown6.86	6.86	56.0	ng	676269	1	7.16	241619	20.0
Benzophenone	11.80	4.4	ng	78536	3	10.91	356766	20.0