LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078606.D
Acq On : 17 Apr 2015 15:37
Operator : TP/IZ
Sample : G1860-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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-BF040115.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	1.438	21	22	27	rVV	209684	338941	3.07%	1.004%
2	1.530	28	30	42	rVV	1794507	3242150	29.39%	9.607%
3	1.690	42	44	54	rVB	101307	210279	1.91%	0.623%
4	1.953	61	67	68	rBV2	92571	242847	2.20%	0.720%
5	1.987	68	70	75	rVB	82984	123350	1.12%	0.366%
6	2.433	105	109	112	rBV	952955	1743847	15.81%	5.167%
7	2.490	112	114	118	rVB	171131	310642	2.82%	0.921%
8	3.095	164	167	176	rVB	46112	116170	1.05%	0.344%
9	4.650	298	303	305	rBV	2275658	3945353	35.77%	11.691%
10	4.821	312	318	322	rBV	3788552	11029772	100.00%	32.684%
11	4.901	322	325	332	rVB	321913	433437	3.93%	1.284%
12	5.153	344	347	350	rVB	851635	1129279	10.24%	3.346%
13	5.599	384	386	389	rBV	94401	111616	1.01%	0.331%
14	6.079	425	428	430	rBV	433915	462530	4.19%	1.371%
15	6.113	430	431	435	rVB	178809	172962	1.57%	0.513%
16	6.182	435	437	439	rBV	178485	200168	1.81%	0.593%
17	6.284	443	446	448	rBV2	328869	496634	4.50%	1.472%
18	6.387	452	455	457	rVB	689895	727211	6.59%	2.155%
19	6.456	457	461	464	rBV	723009	801931	7.27%	2.376%
20	6.673	476	480	482	rVV	202237	228183	2.07%	0.676%
21	6.742	484	486	489	rVB	292726	370717	3.36%	1.099%
22	6.856	494	496	498	rVV	700506	735363	6.67%	2.179%
23	6.890	498	499	503	rVB	351313	276222	2.50%	0.819%
24	6.993	506	508	510	rBV	271038	322097	2.92%	0.954%
25	7.382	539	542	544	rBV	650079	632477	5.73%	1.874%
26	8.250	616	618	619	rVV	280802	259683	2.35%	0.769%
27	8.273	619	620	622	rVB	176796	204379	1.85%	0.606%
28	9.599	734	736	739	rVB	1116209	1178577	10.69%	3.492%
29	10.399	804	806	809	rVB	257866	311229	2.82%	0.922%
30	11.371	889	891	894	rBV	533491	748322	6.78%	2.217%
31	12.216	963	965	967	rBV	330074	331663	3.01%	0.983%
32	14.205	1137	1139	1142	rBV	1137961	1487993	13.49%	4.409%
33	15.462	1247	1249	1252	rVB	296739	415738	3.77%	1.232%
34	17.211	1399	1402	1405	rBV	341317	405239	3.67%	1.201%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078606.D
Acq On : 17 Apr 2015 15:37
Operator : TP/IZ
Sample : G1860-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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-BF040115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 33747001

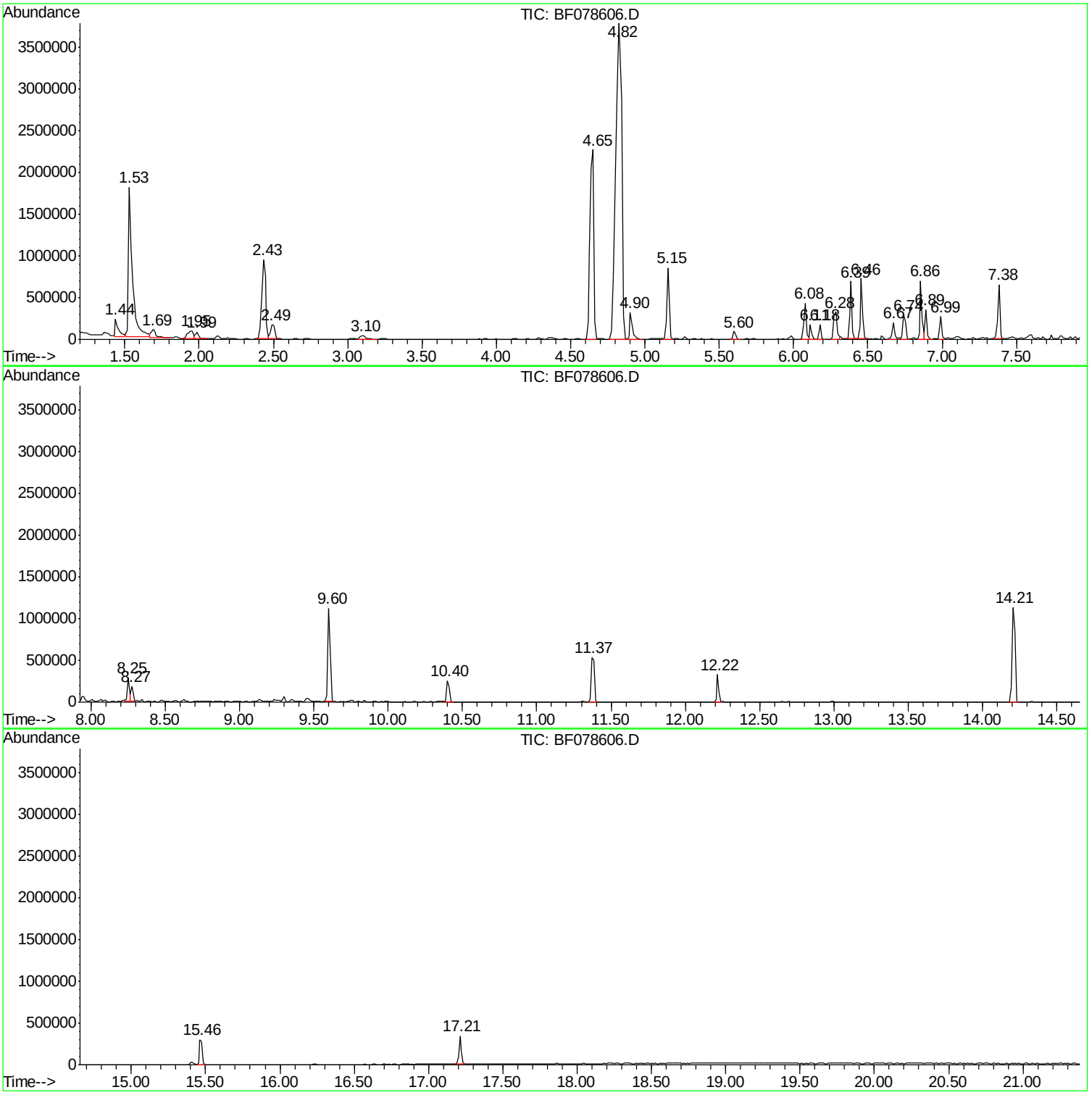
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078606.D
Acq On : 17 Apr 2015 15:37
Operator : TP/IZ
Sample : G1860-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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\BF041715\
Data File : BF078606.D
Acq On : 17 Apr 2015 15:37
Operator : TP/IZ
Sample : G1860-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

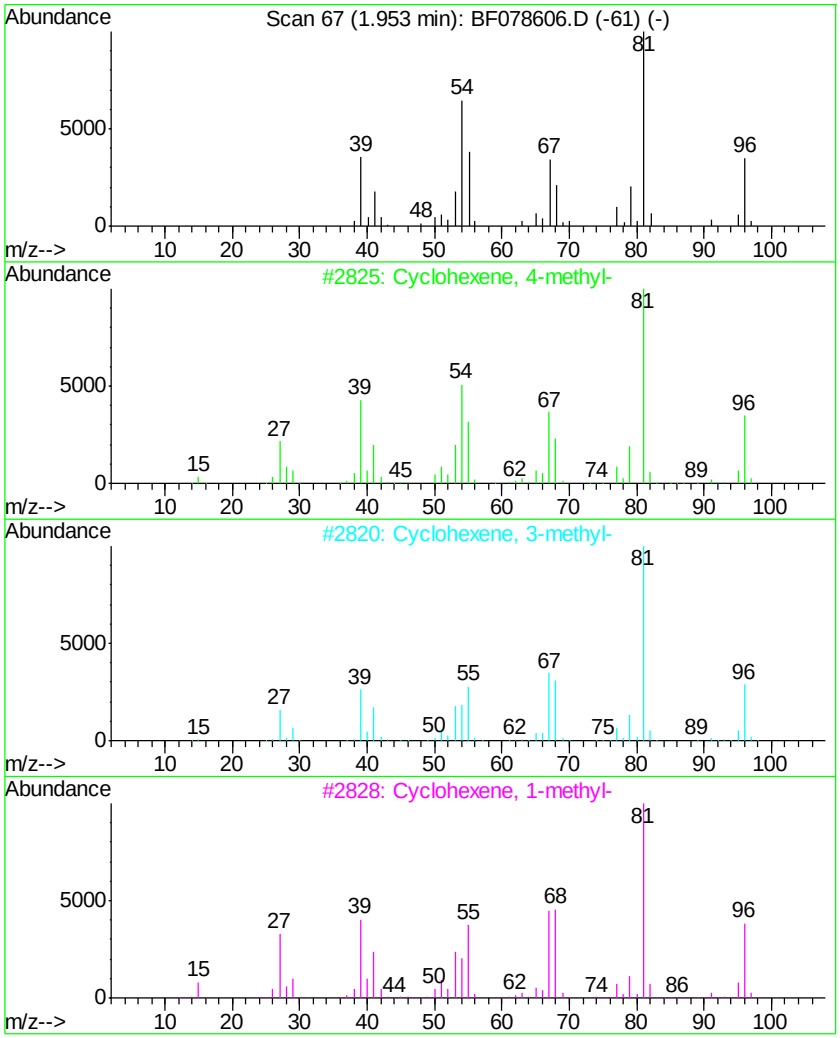
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

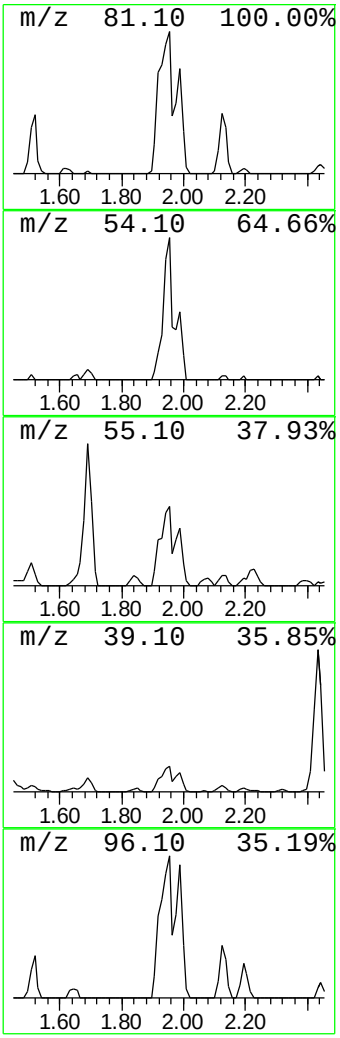
****

Peak Number 4 Cyclohexene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	21.29 ng	242847	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	97
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	70
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	64
4	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	59
5	1,5-Hexadiene, 2-methyl-	96	C7H12	004049-81-4	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078606.D
Acq On : 17 Apr 2015 15:37
Operator : TP/IZ
Sample : G1860-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

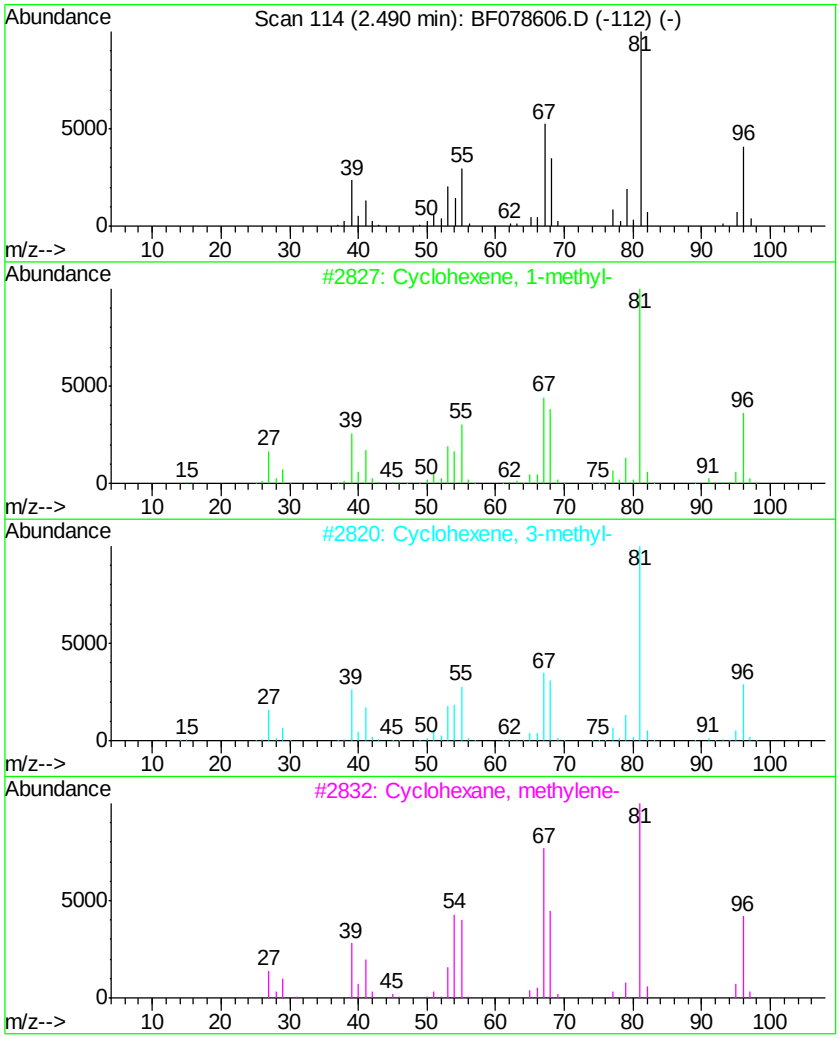
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

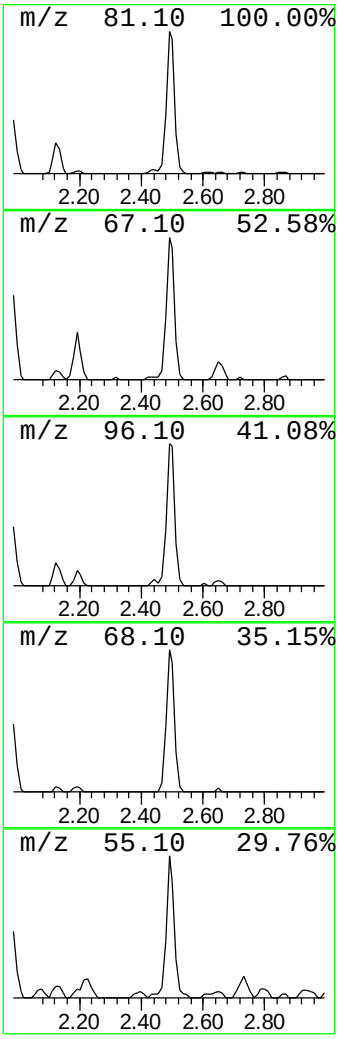
****

Peak Number 7 Cyclohexene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	27.23 ng	310642	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	95
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	87
3	Cyclohexane, methylene-	96	C7H12	001192-37-6	87
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	83
5	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078606.D
Acq On : 17 Apr 2015 15:37
Operator : TP/IZ
Sample : G1860-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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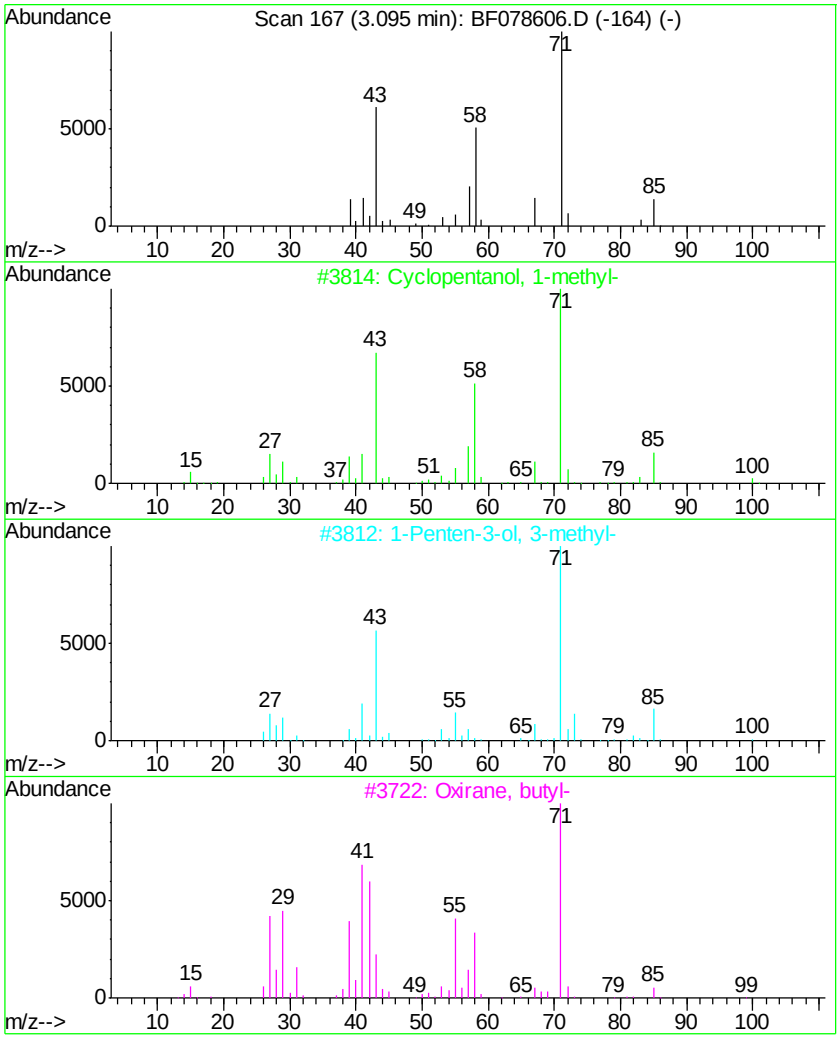
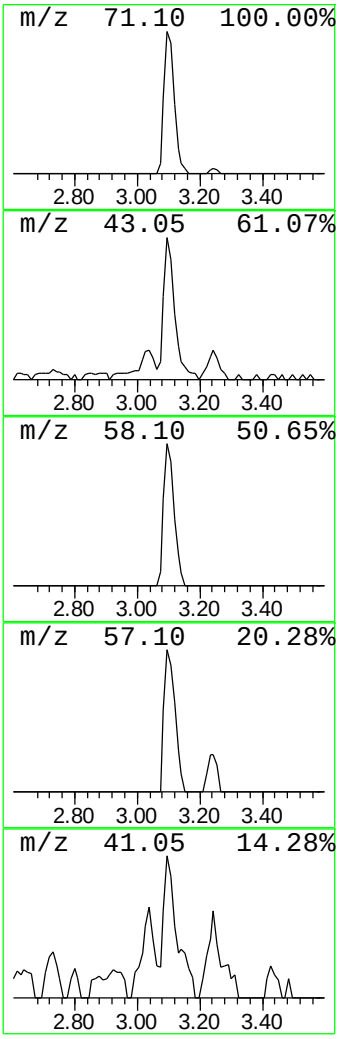
Peak Number 8 Cyclopentanol, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	10.18 ng	116170	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	83
2	1-Penten-3-ol, 3-methyl-	100	C6H12O	000918-85-4	40
3	Oxirane, butyl-	100	C6H12O	001436-34-6	40
4	Oxirane, pentyl-	114	C7H14O	005063-65-0	40
5	Butanoic acid, anhydride	158	C8H14O3	000106-31-0	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078606.D
Acq On : 17 Apr 2015 15:37
Operator : TP/IZ
Sample : G1860-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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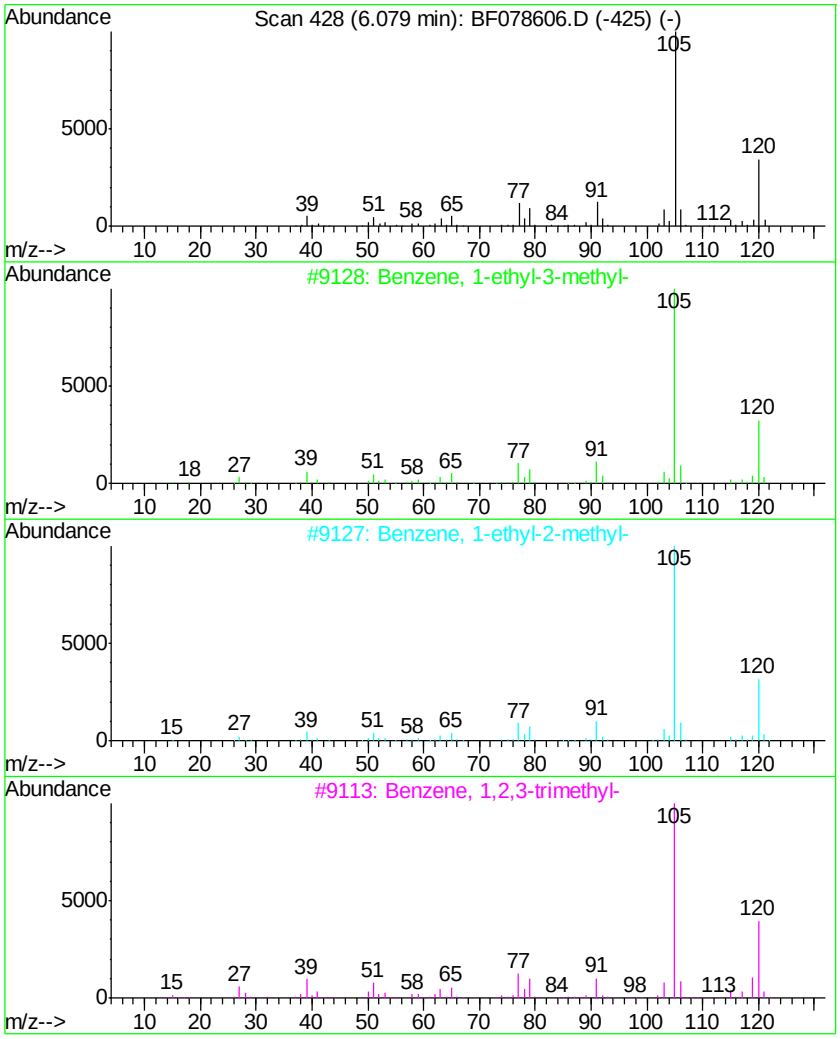
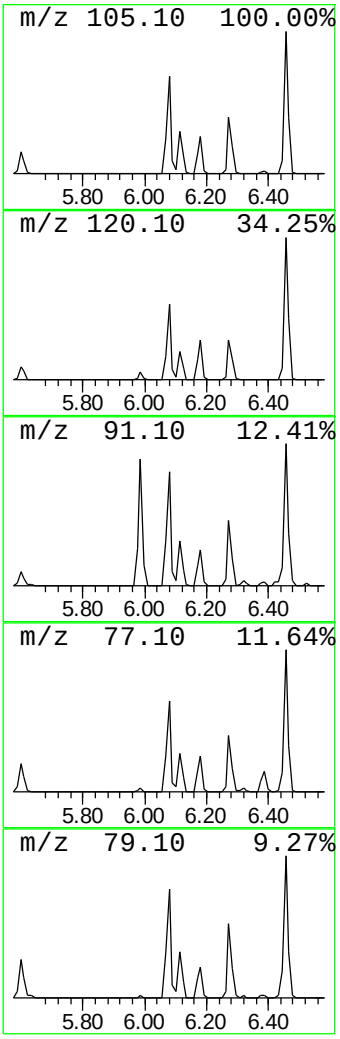
Peak Number 12 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	40.54 ng	462530	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078606.D
Acq On : 17 Apr 2015 15:37
Operator : TP/IZ
Sample : G1860-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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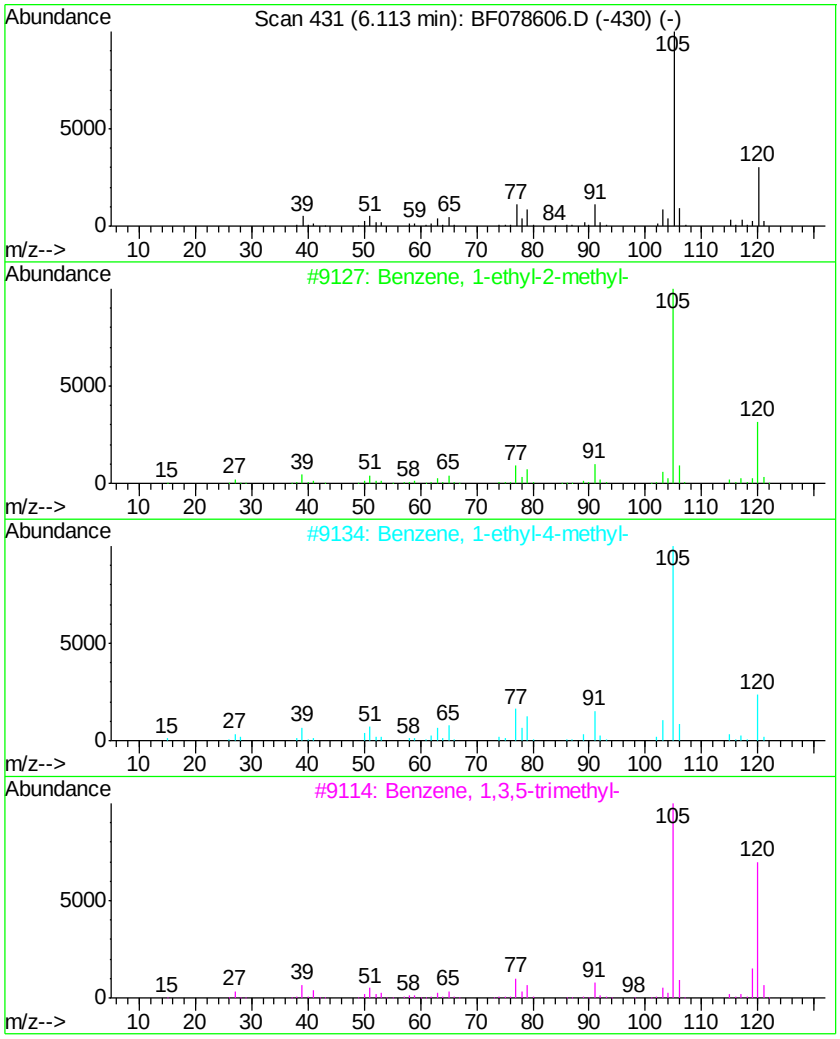
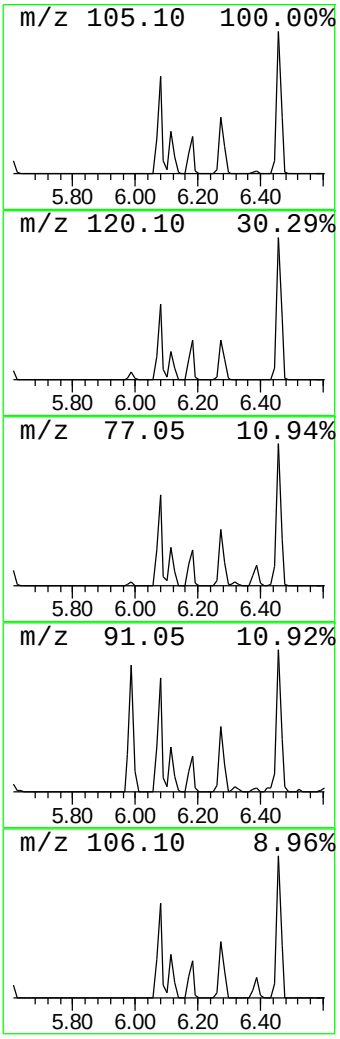
Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	15.16 ng	172962	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078606.D
Acq On : 17 Apr 2015 15:37
Operator : TP/IZ
Sample : G1860-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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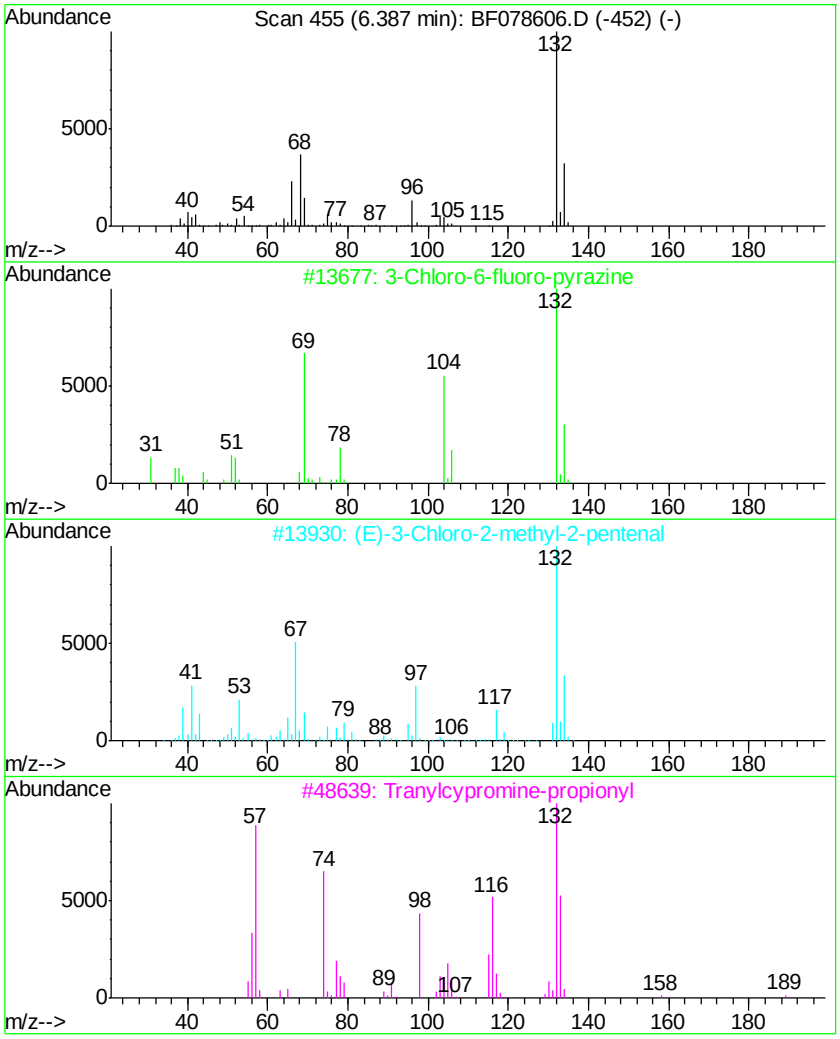
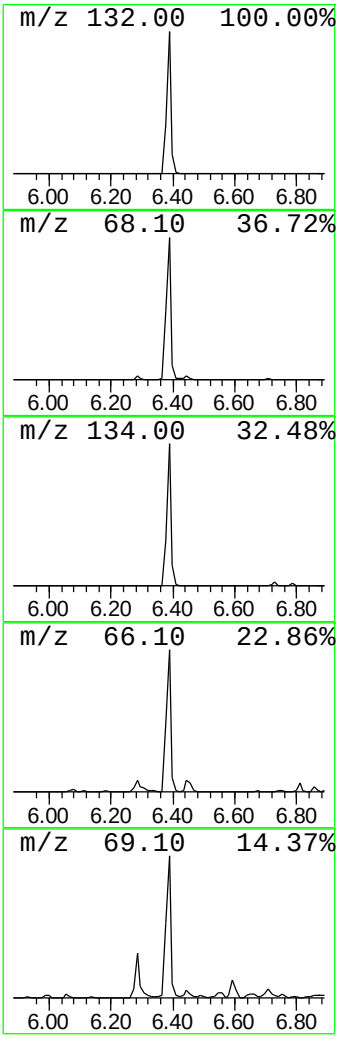
Peak Number 15 unknown6.39 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	63.74 ng	727211	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078606.D
Acq On : 17 Apr 2015 15:37
Operator : TP/IZ
Sample : G1860-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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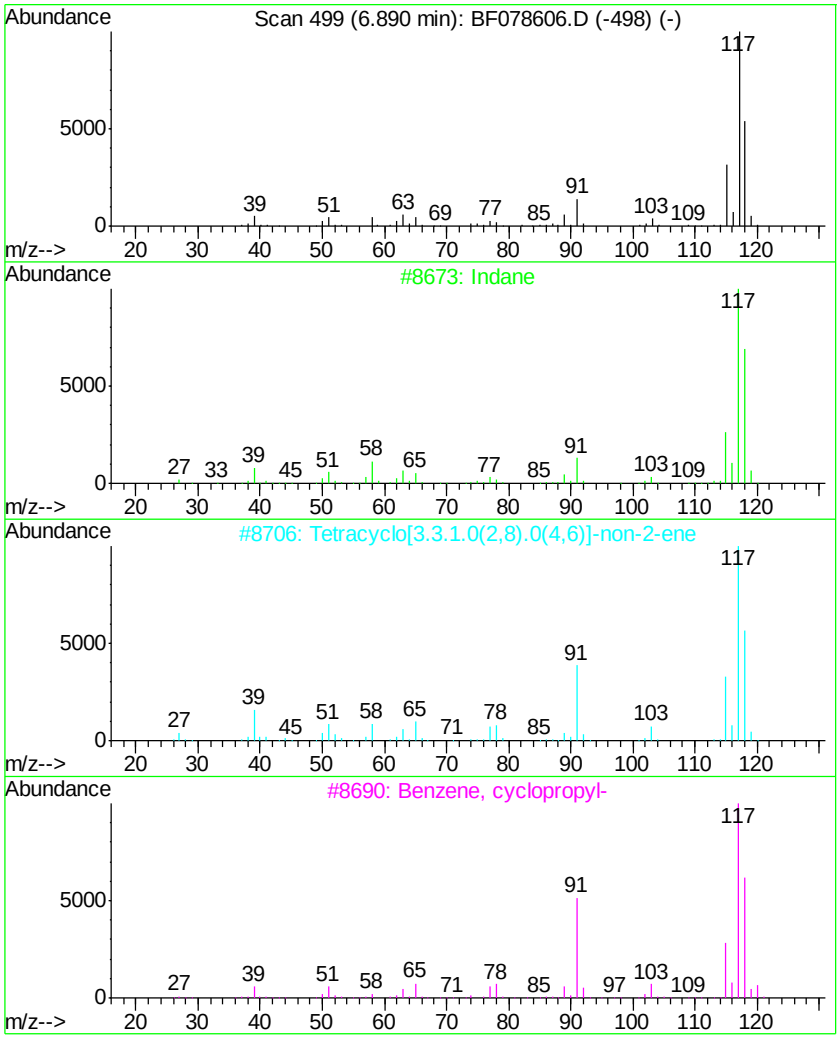
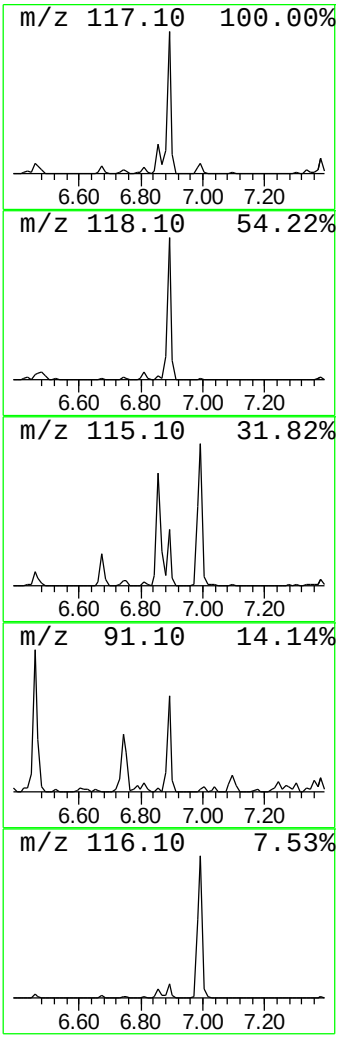
Peak Number 19 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	24.21 ng	276222	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
5	Deltacyclene	118	C9H10	007785-10-6	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078606.D
Acq On : 17 Apr 2015 15:37
Operator : TP/IZ
Sample : G1860-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

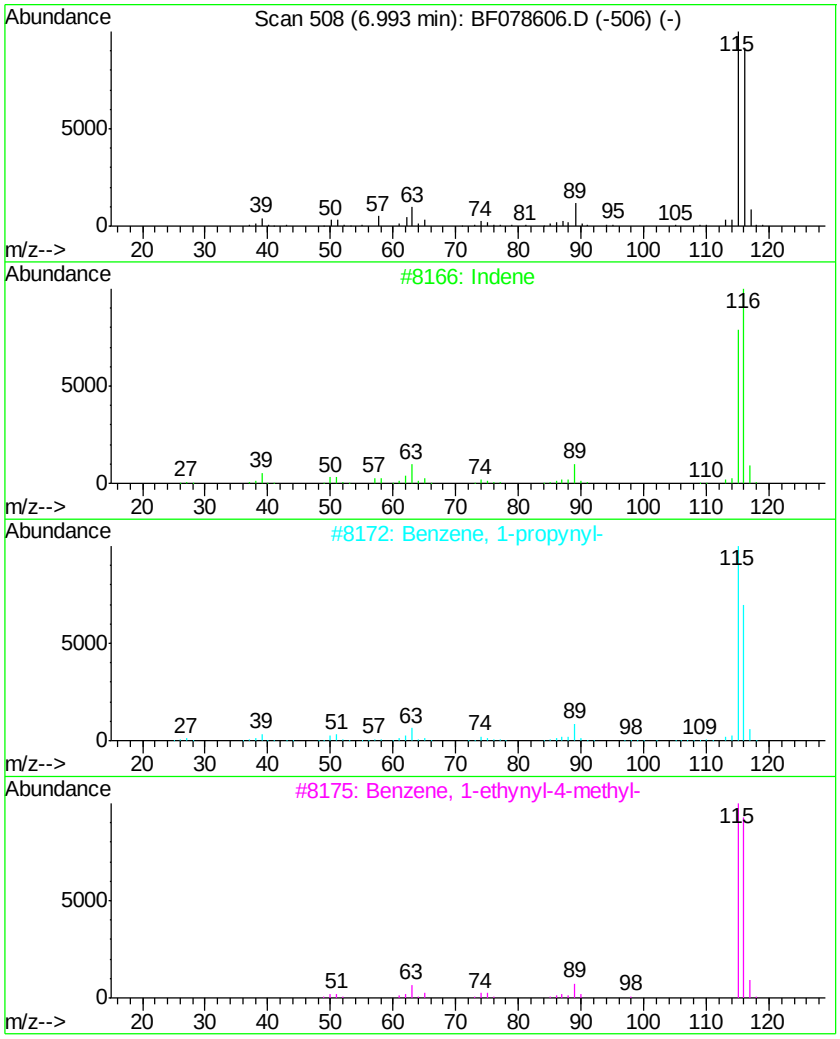
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

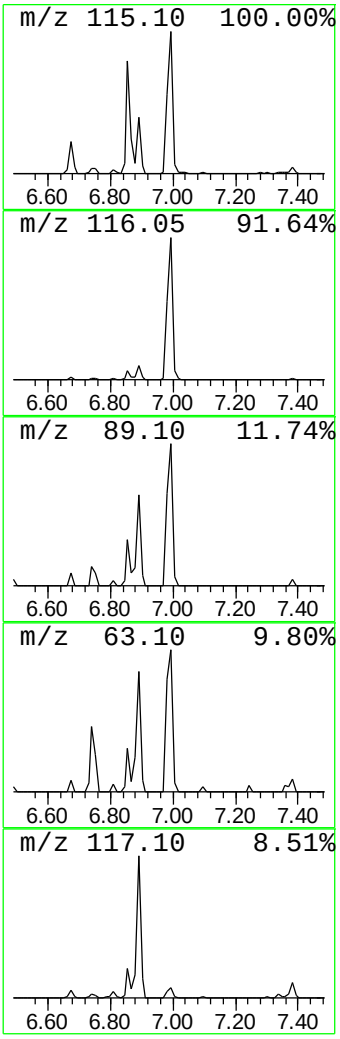
****

Peak Number 20 Benzene, 1-propynyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	28.23 ng	322097	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078606.D
Acq On : 17 Apr 2015 15:37
Operator : TP/IZ
Sample : G1860-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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
Cyclohexene, 4-me...	1.95	21.3	ng	242847	1	6.67	228183	20.0
Cyclohexene, 1-me...	2.49	27.2	ng	310642	1	6.67	228183	20.0
Cyclopentanol, 1-...	3.10	10.2	ng	116170	1	6.67	228183	20.0
Benzene, 1-ethyl-...	6.08	40.5	ng	462530	1	6.67	228183	20.0
Benzene, 1-ethyl-...	6.11	15.2	ng	172962	1	6.67	228183	20.0
unknown6.39	6.39	63.7	ng	727211	1	6.67	228183	20.0
Indane	6.89	24.2	ng	276222	1	6.67	228183	20.0
Benzene, 1-propynyl-	6.99	28.2	ng	322097	1	6.67	228183	20.0