LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077884.D
Acq On : 21 Mar 2015 2:09
Operator : TP/IZ
Sample : G1575-02
Misc : W
ALS Vial : 20 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-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	1.081	15	17	26	rVB3	10554	28936	1.56%	0.258%
2	1.344	38	40	42	rBV	16620	19237	1.04%	0.172%
3	1.401	42	45	48	rVB	159379	278954	15.01%	2.488%
4	1.573	57	60	63	rVB	200570	263519	14.18%	2.351%
5	1.664	66	68	75	rVV3	16600	39802	2.14%	0.355%
6	1.767	75	77	94	rVB	127715	194026	10.44%	1.731%
7	2.361	126	129	133	rVB	95279	153060	8.24%	1.365%
8	4.019	271	274	279	rBV	27863	42148	2.27%	0.376%
9	4.636	325	328	332	rVB	24252	32470	1.75%	0.290%
10	4.876	347	349	352	rBV	89371	109365	5.88%	0.976%
11	4.944	352	355	360	rVB	8731	18705	1.01%	0.167%
12	5.413	394	396	399	rBV	409848	436092	23.46%	3.890%
13	6.567	495	497	500	rBV	50512	62751	3.38%	0.560%
14	6.705	507	509	511	rBV	243368	266184	14.32%	2.374%
15	6.842	518	521	523	rBV	713883	826708	44.48%	7.374%
16	7.128	543	546	548	rBV	235690	235011	12.64%	2.096%
17	7.310	560	562	565	rVB	992555	894618	48.13%	7.980%
18	7.825	604	607	609	rBV	644029	714033	38.42%	6.369%
19	7.893	611	613	615	rVB	35992	32134	1.73%	0.287%
20	8.408	654	658	664	rBV2	53034	119452	6.43%	1.066%
21	8.705	682	684	686	rVB	301083	326027	17.54%	2.908%
22	10.054	799	802	804	rBV	1536843	1540788	82.90%	13.744%
23	10.877	872	874	876	rVB	277953	376143	20.24%	3.355%
24	11.185	897	901	904	rBV	22058	33829	1.82%	0.302%
25	11.848	956	959	962	rBV	758407	747835	40.24%	6.671%
26	12.054	974	977	981	rBV	20092	31592	1.70%	0.282%
27	12.705	1032	1034	1037	rBV	416255	407393	21.92%	3.634%
28	14.705	1206	1209	1212	rBV	1803692	1858635	100.00%	16.579%
29	15.883	1310	1312	1317	rBV	54724	87627	4.71%	0.782%
30	15.986	1319	1321	1324	rVV	472786	486025	26.15%	4.335%
31	16.043	1324	1326	1328	rVB	16408	21162	1.14%	0.189%
32	16.694	1381	1383	1389	rVB3	13520	28889	1.55%	0.258%
33	17.483	1449	1452	1456	rBV4	14205	26172	1.41%	0.233%
34	17.723	1471	1473	1476	rBV	371973	451710	24.30%	4.029%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077884.D
Acq On : 21 Mar 2015 2:09
Operator : TP/IZ
Sample : G1575-02
Misc : W
ALS Vial : 20 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-BF031115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.871	1484	1486	1491	rVB3	13534	19696	1.06%	0.176%

Sum of corrected areas: 11210728

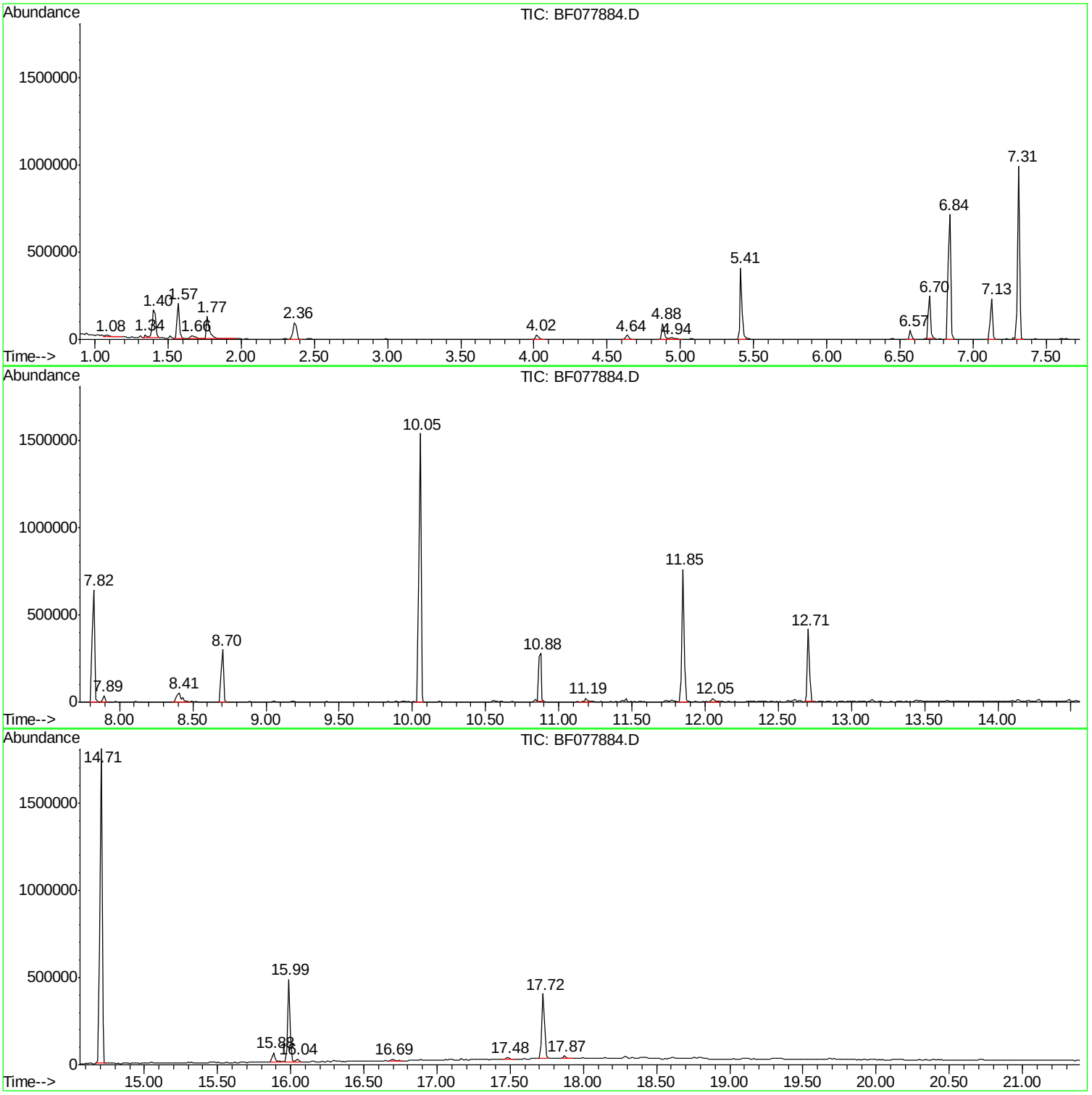
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077884.D
Acq On : 21 Mar 2015 2:09
Operator : TP/IZ
Sample : G1575-02
Misc : W
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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\BF032015\
Data File : BF077884.D
Acq On : 21 Mar 2015 2:09
Operator : TP/IZ
Sample : G1575-02
Misc : W
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

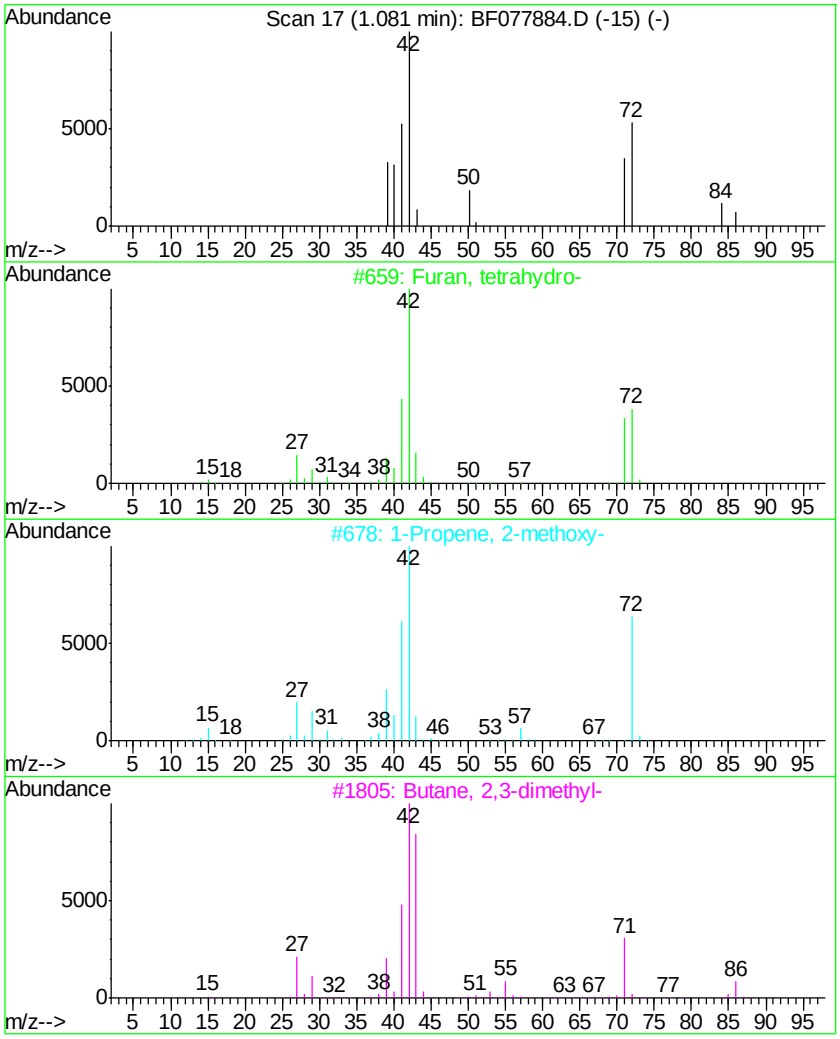
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

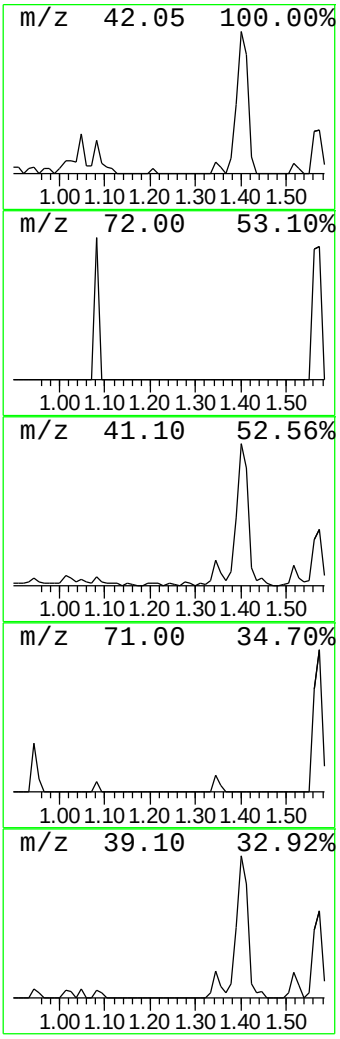
****

Peak Number 1 Furan, tetrahydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.08	2.46 ng	28936	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-	72	C4H8O	000109-99-9	72
2	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	45
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	33
4	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	25
5	Isobutylene epoxide	72	C4H8O	000558-30-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077884.D
Acq On : 21 Mar 2015 2:09
Operator : TP/IZ
Sample : G1575-02
Misc : W
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

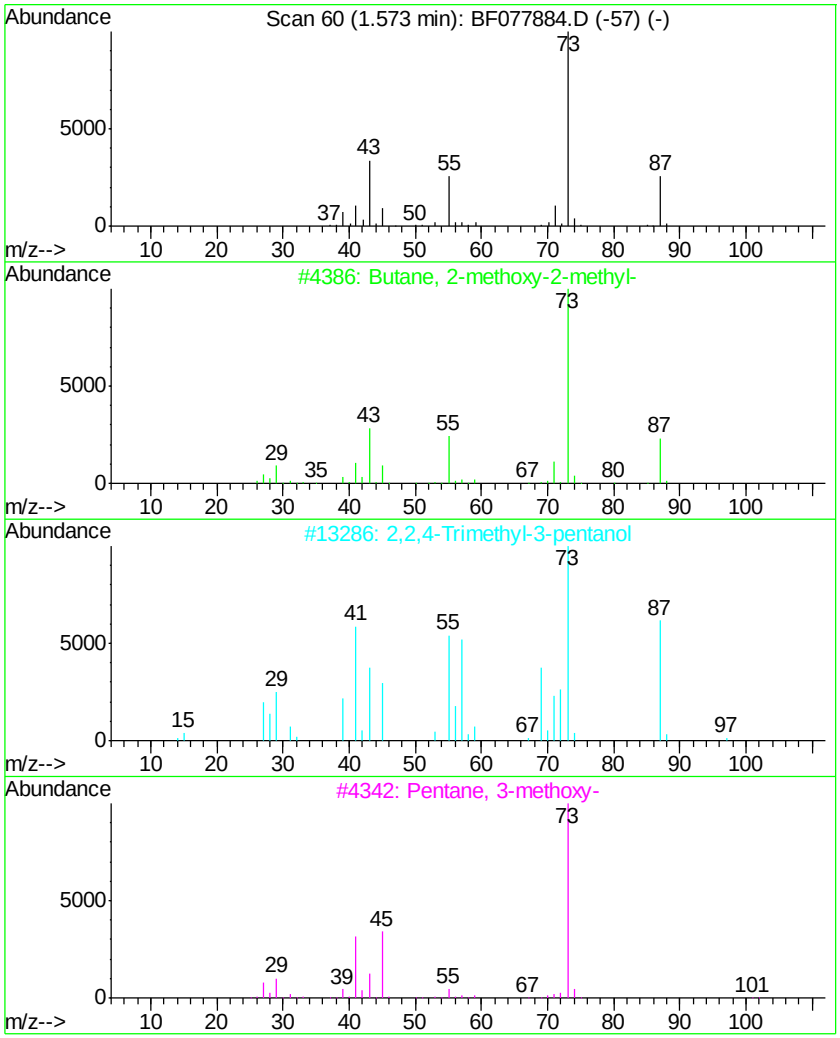
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

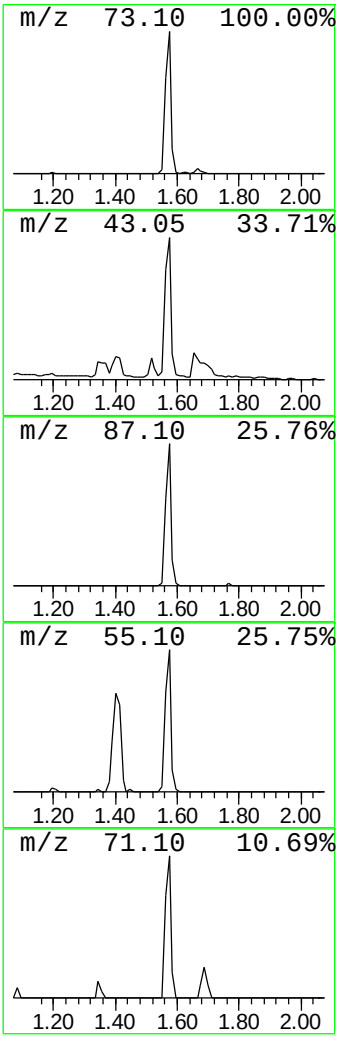
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.57	22.43 ng	263519	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077884.D
Acq On : 21 Mar 2015 2:09
Operator : TP/IZ
Sample : G1575-02
Misc : W
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

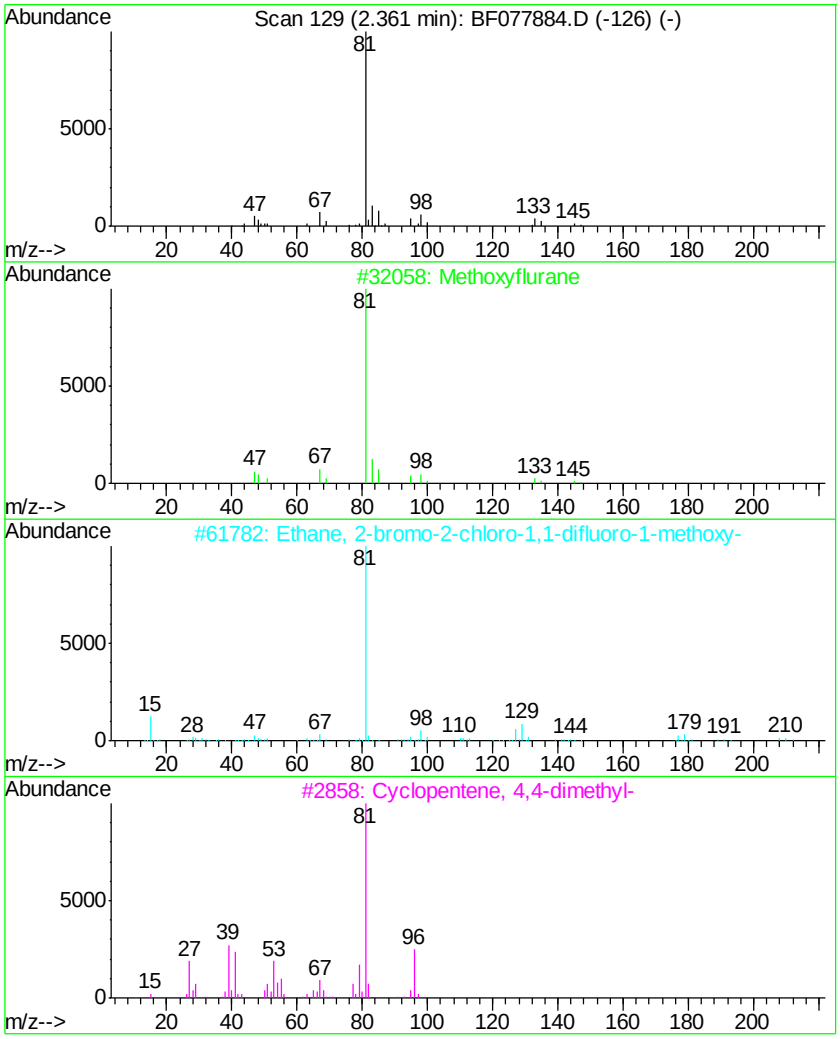
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

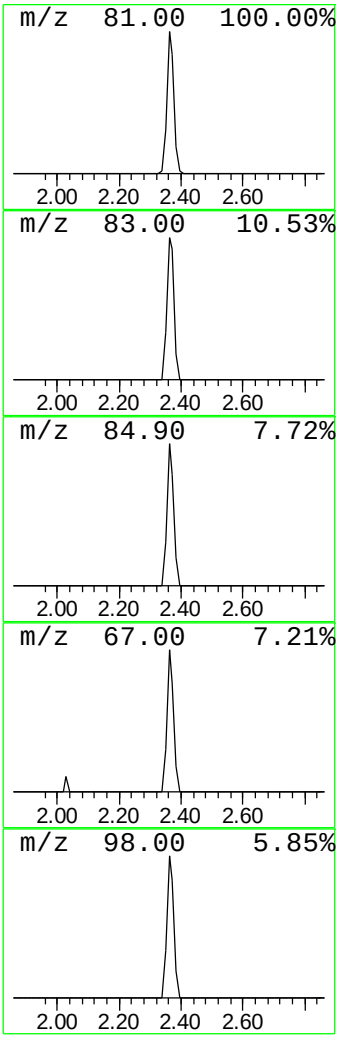
****

Peak Number 6 Methoxyflurane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.36	13.03 ng	153060	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyflurane	164	C3H4Cl2F2O	000076-38-0	90
2	Ethane, 2-bromo-2-chloro-1,1-dif...	208	C3H4BrClF2O	000679-89-0	9
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	4
4	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	4
5	Benzoic acid, 4-chloro-2-[(2-fur...	251	C12H10ClNO3	074793-12-7	4





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077884.D
Acq On : 21 Mar 2015 2:09
Operator : TP/IZ
Sample : G1575-02
Misc : W
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

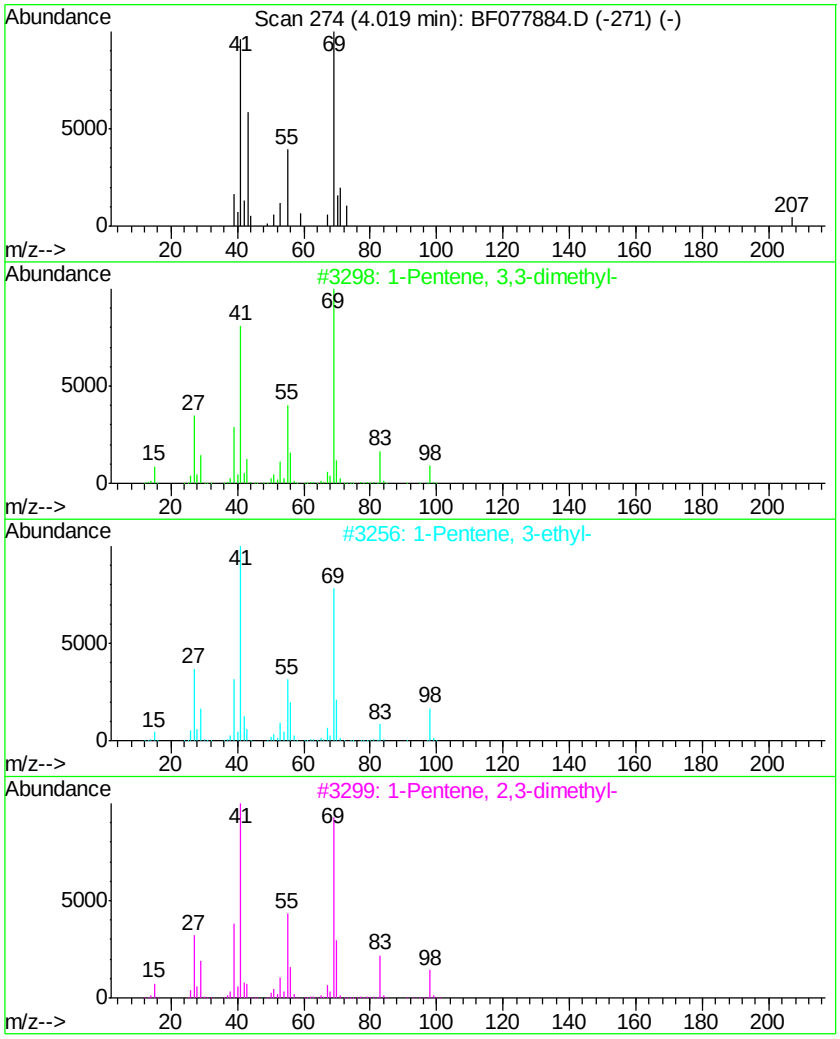
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

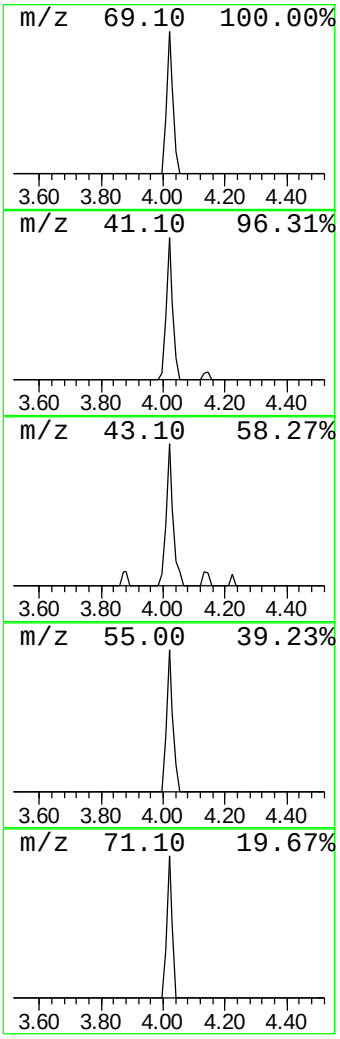
****

Peak Number 7 1-Pentene, 3,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	3.59 ng	42148	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	53
2	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	40
3	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	40
4	3-Butyn-2-ol, 2-methyl-	84	C5H8O	000115-19-5	37
5	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077884.D
Acq On : 21 Mar 2015 2:09
Operator : TP/IZ
Sample : G1575-02
Misc : W
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

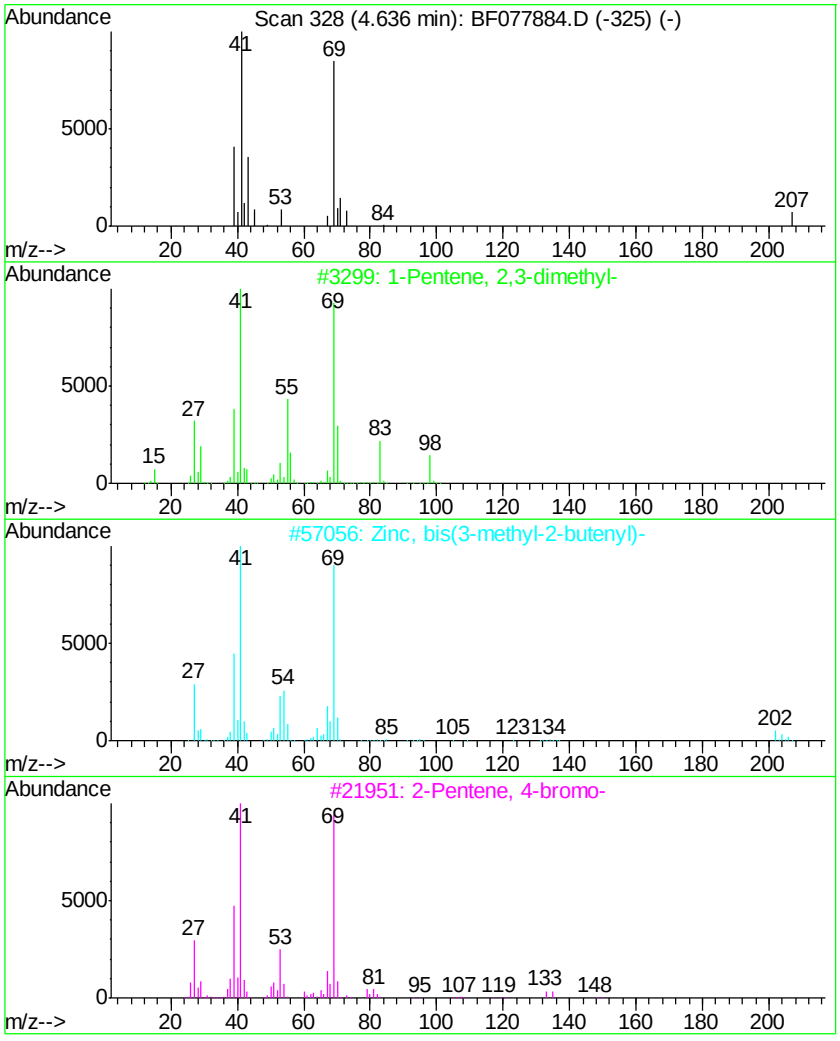
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

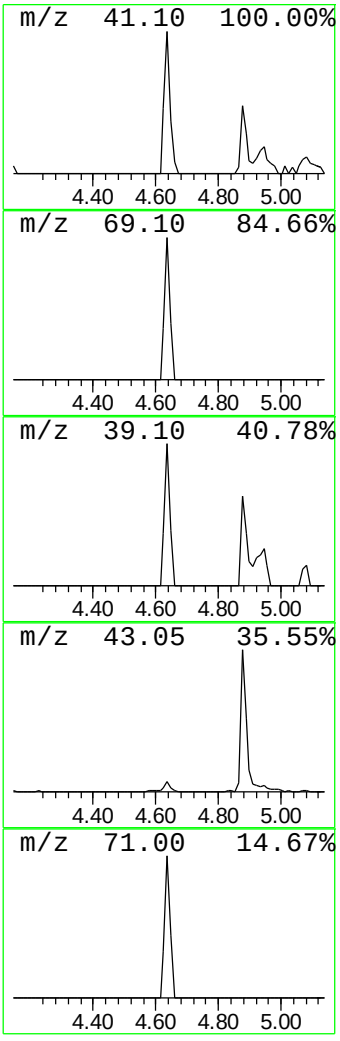
****

Peak Number 8 unknown4.64 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	2.76 ng	32470	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	56
2	Zinc, bis(3-methyl-2-butenyl)-	202	C10H18Zn	066094-28-8	40
3	2-Pentene, 4-bromo-	148	C5H9Br	001809-26-3	38
4	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	33
5	2-Butyn-1-ol	70	C4H6O	000764-01-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077884.D
Acq On : 21 Mar 2015 2:09
Operator : TP/IZ
Sample : G1575-02
Misc : W
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

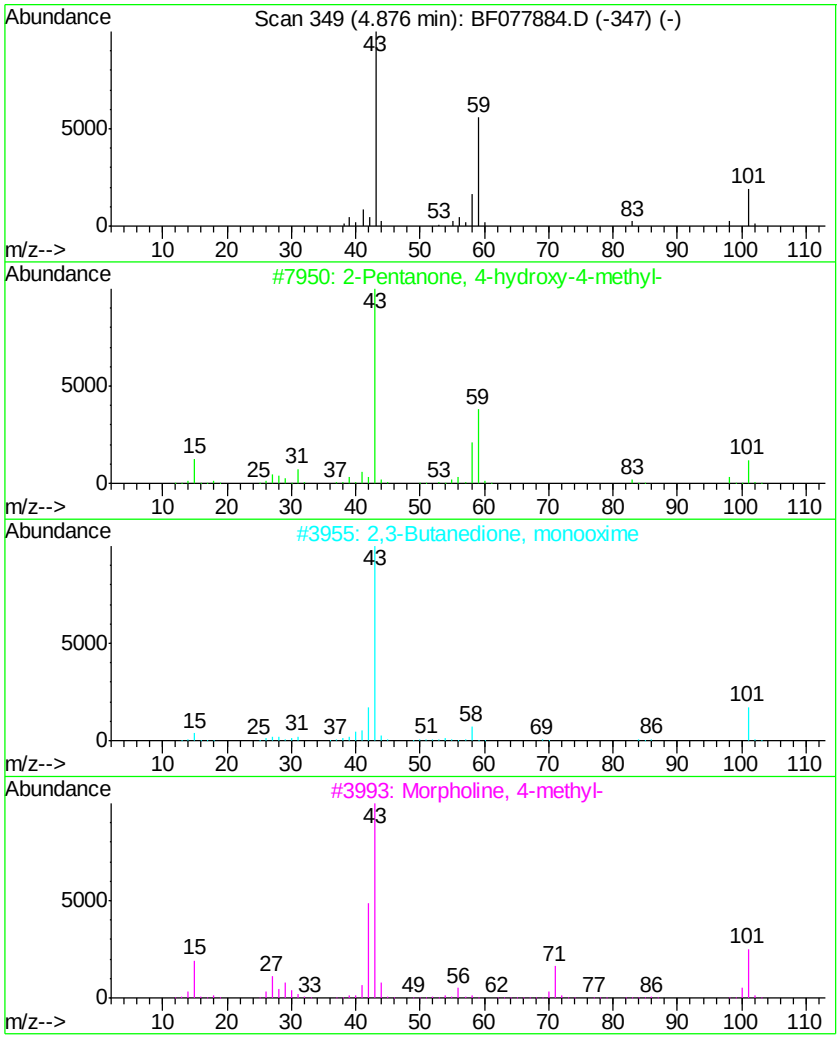
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

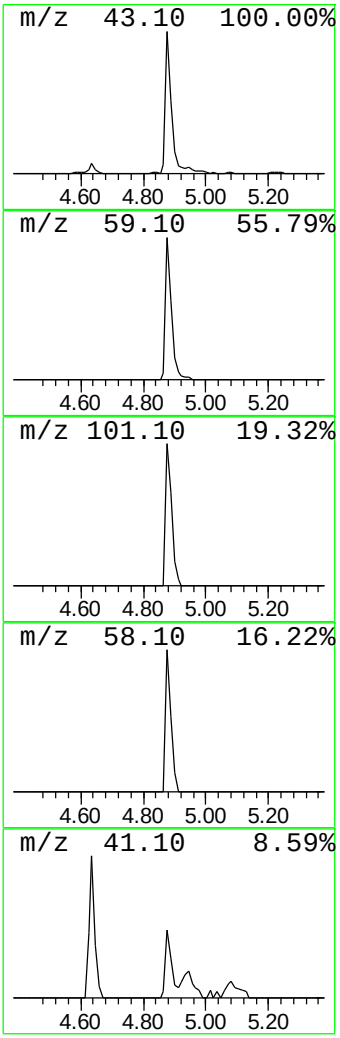
****

Peak Number 9 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	9.31 ng	109365	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077884.D
Acq On : 21 Mar 2015 2:09
Operator : TP/IZ
Sample : G1575-02
Misc : W
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

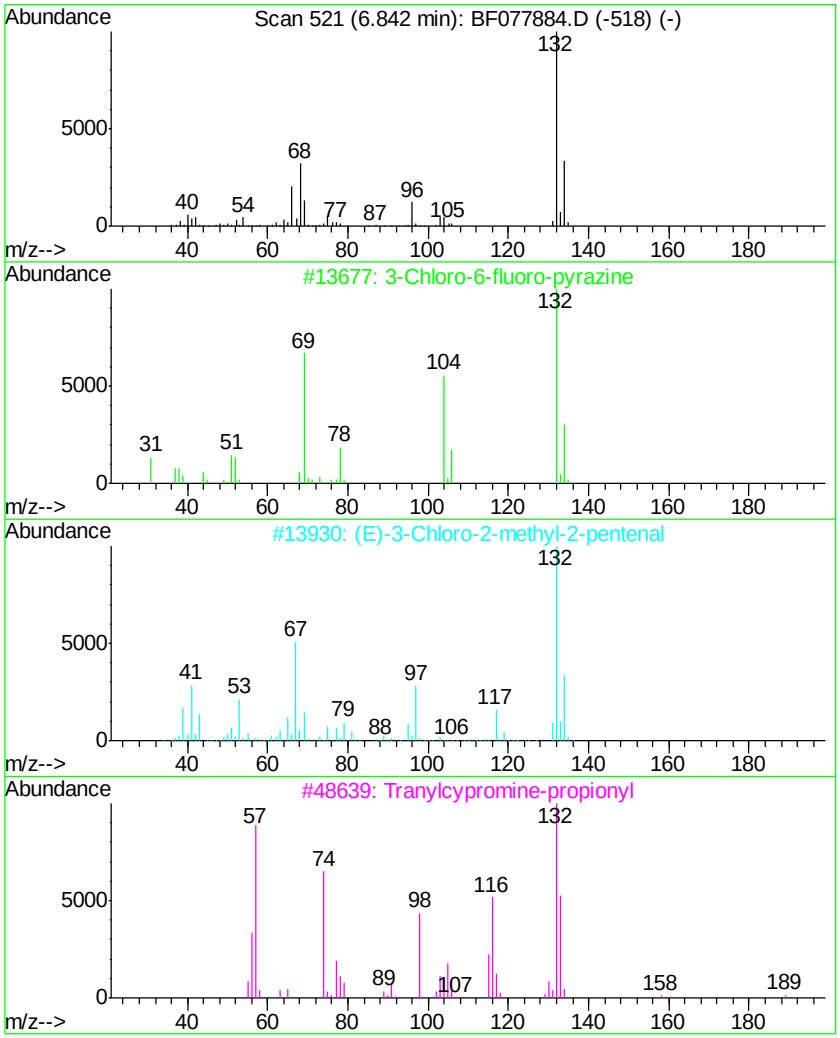
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

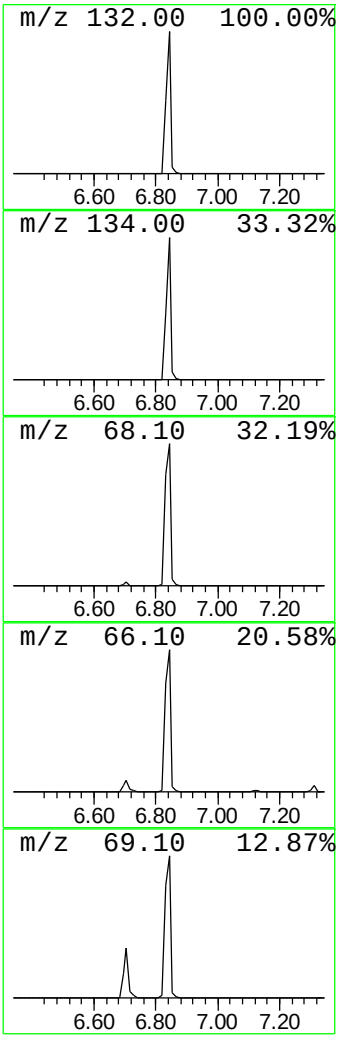
****

Peak Number 10 unknown6.84 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	70.35 ng	826708	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077884.D
Acq On : 21 Mar 2015 2:09
Operator : TP/IZ
Sample : G1575-02
Misc : W
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

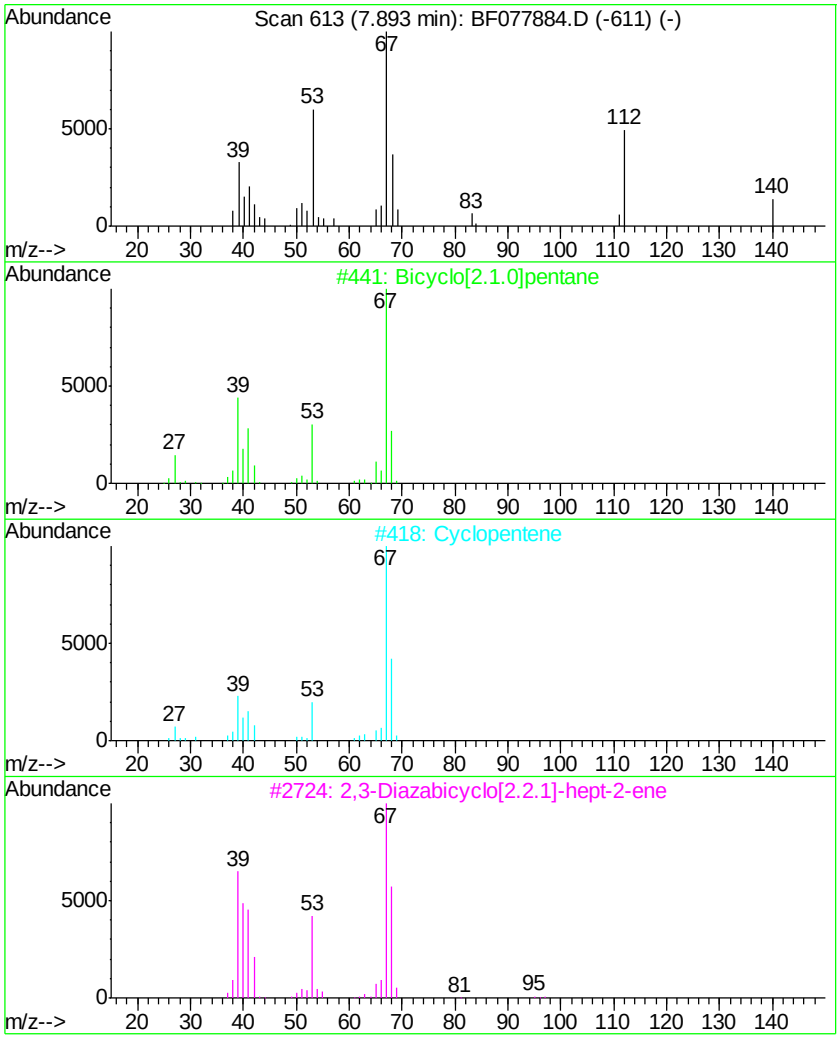
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

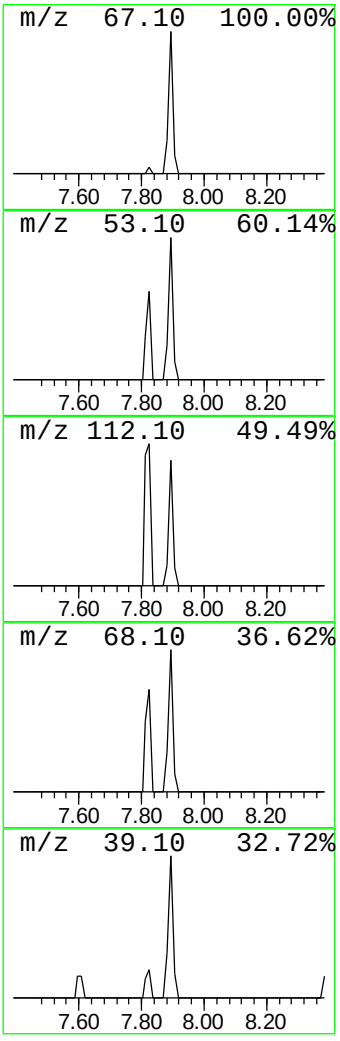
****

Peak Number 11 Bicyclo[2.1.0]pentane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	2.73 ng	32134	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.1.0]pentane	68	C5H8	000185-94-4	72
2	Cyclopentene	68	C5H8	000142-29-0	59
3	2,3-Diazabicyclo[2.2.1]-hept-2-ene	96	C5H8N2	002721-32-6	53
4	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	50
5	Acetylene dicarboxamide	112	C4H4N2O2	000543-21-5	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077884.D
Acq On : 21 Mar 2015 2:09
Operator : TP/IZ
Sample : G1575-02
Misc : W
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

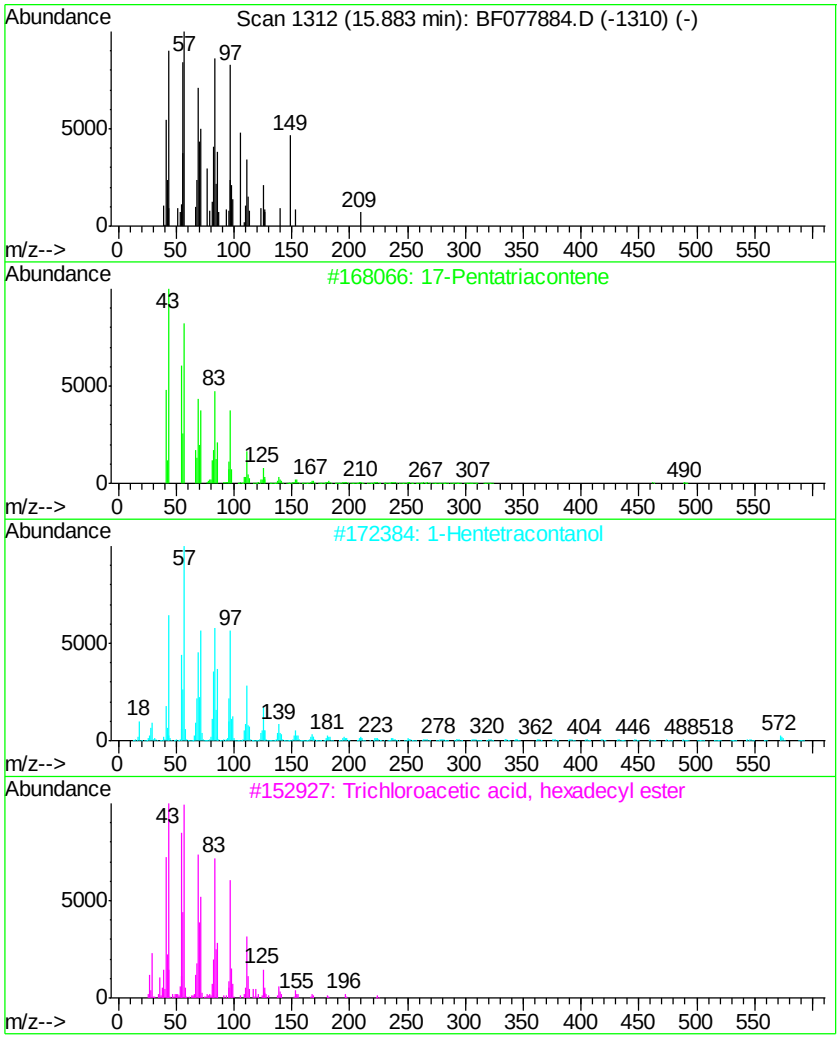
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

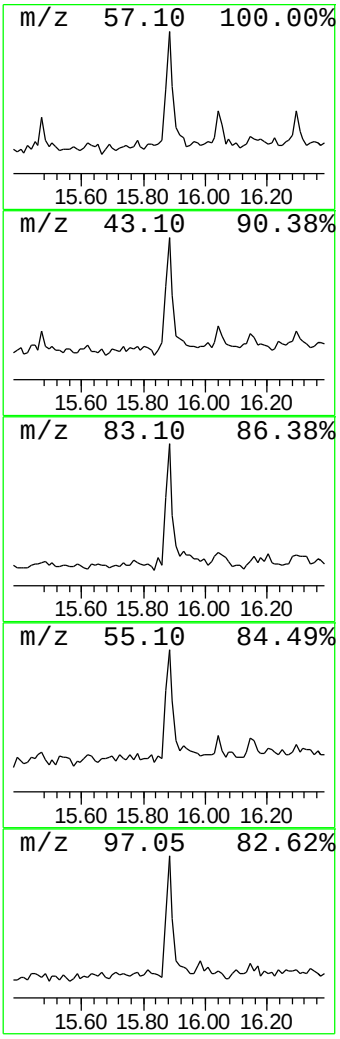
****

Peak Number 12 17-Pentatriacontene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	3.61 ng	87627	Chrysene-d12	15.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	83
2	1-Hentetracontanol	593	C41H84O	040710-42-7	80
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76
4	1-Docosene	308	C22H44	001599-67-3	74
5	1-Eicosanol	298	C20H42O	000629-96-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
Data File : BF077884.D
Acq On : 21 Mar 2015 2:09
Operator : TP/IZ
Sample : G1575-02
Misc : W
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Furan, tetrahydro-	1.08	2.5	ng	28936	1	7.13	235011	20.0
Butane, 2-methoxy...	1.57	22.4	ng	263519	1	7.13	235011	20.0
Methoxyflurane	2.36	13.0	ng	153060	1	7.13	235011	20.0
1-Pentene, 3,3-di...	4.02	3.6	ng	42148	1	7.13	235011	20.0
unknown4.64	4.64	2.8	ng	32470	1	7.13	235011	20.0
2-Pentanone, 4-hy...	4.88	9.3	ng	109365	1	7.13	235011	20.0
unknown6.84	6.84	70.3	ng	826708	1	7.13	235011	20.0
Bicyclo[2.1.0]pen...	7.89	2.7	ng	32134	1	7.13	235011	20.0
17-Pentatriacontene	15.88	3.6	ng	87627	5	15.99	486025	20.0