LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079972.D
Acq On : 13 Jun 2015 11:36
Operator : TP/IZ
Sample : G2523-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIP-22-6-4-15

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-BF061115.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	1.335	11	13	15	rVB	172795	147431	5.94%	0.976%
2	2.158	84	85	98	rVB	84188	209414	8.43%	1.386%
3	2.330	98	100	107	rVV	707955	1388543	55.93%	9.189%
4	2.433	107	109	127	rVV2	90444	307052	12.37%	2.032%
5	2.661	127	129	133	rVB	347687	533047	21.47%	3.528%
6	5.987	418	420	422	rBV	658517	551598	22.22%	3.650%
7	6.970	504	506	509	rBV	395968	359879	14.50%	2.382%
8	7.142	519	521	523	rBV	1338384	1085668	43.73%	7.185%
9	7.382	539	542	544	rBV	200409	260957	10.51%	1.727%
10	7.530	553	555	558	rBV	747624	943081	37.99%	6.241%
11	7.930	588	590	592	rBV	975638	759997	30.61%	5.030%
12	8.673	652	655	657	rBV	288594	385038	15.51%	2.548%
13	9.016	681	685	691	rBV4	75868	208373	8.39%	1.379%
14	9.576	732	734	738	rBV4	46845	129935	5.23%	0.860%
15	9.748	747	749	750	rVB	1403345	1733664	69.83%	11.473%
16	10.445	807	810	812	rVB	410150	472749	19.04%	3.129%
17	11.234	877	879	882	rBV	1316654	1179274	47.50%	7.804%
18	11.942	939	941	944	rBV2	473971	514045	20.70%	3.402%
19	13.622	1085	1088	1090	rBV	2689471	2482728	100.00%	16.431%
20	14.297	1145	1147	1150	rBV	164431	168125	6.77%	1.113%
21	14.880	1195	1198	1201	rBV	632582	655597	26.41%	4.339%
22	16.754	1359	1362	1366	rBV	429676	634051	25.54%	4.196%

Sum of corrected areas: 15110246

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
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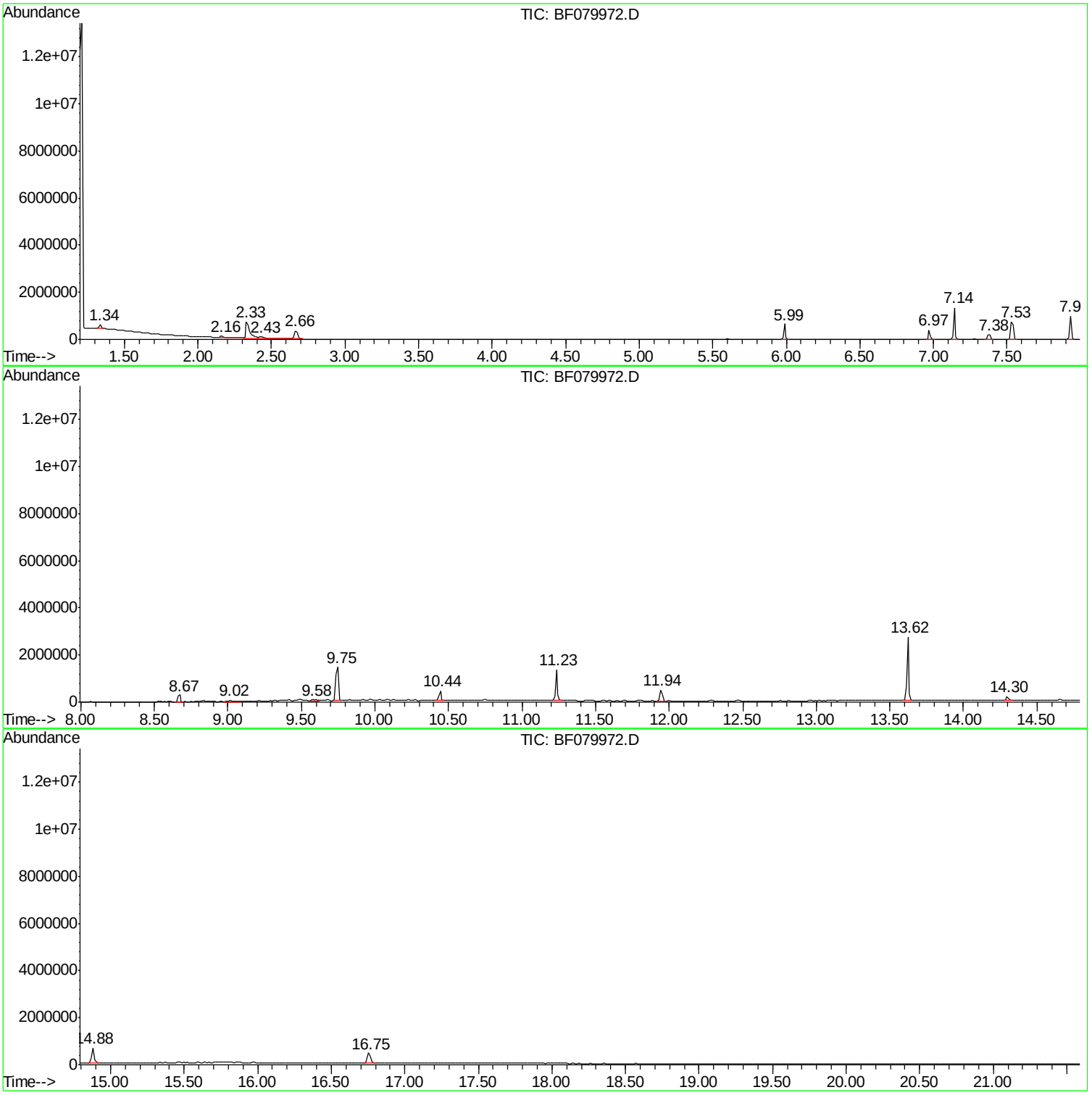
Operator : TP/IZ
Sample : G2523-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIP-22-6-4-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.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\BF061215\
Data File : BF079972.D
Acq On : 13 Jun 2015 11:36
Operator : TP/IZ
Sample : G2523-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIP-22-6-4-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

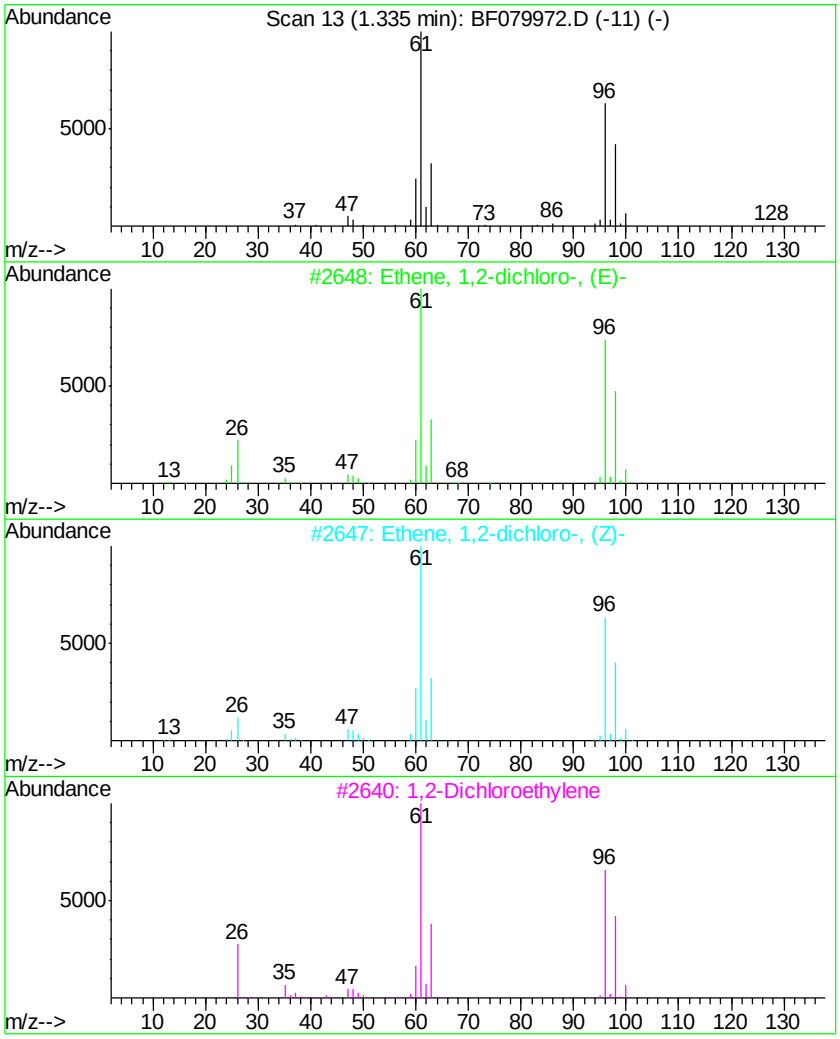
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

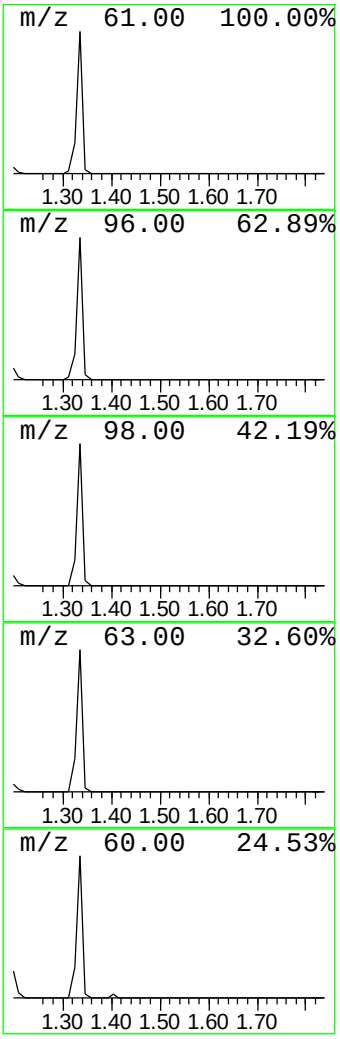
****

Peak Number 1 Ethene, 1,2-dichloro-, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.34	11.30 ng	147431	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	95
2	Ethene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	94
3	1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	91
4	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	91
5	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	64





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Acq On : 13 Jun 2015 11:36
Operator : TP/IZ
Sample : G2523-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIP-22-6-4-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.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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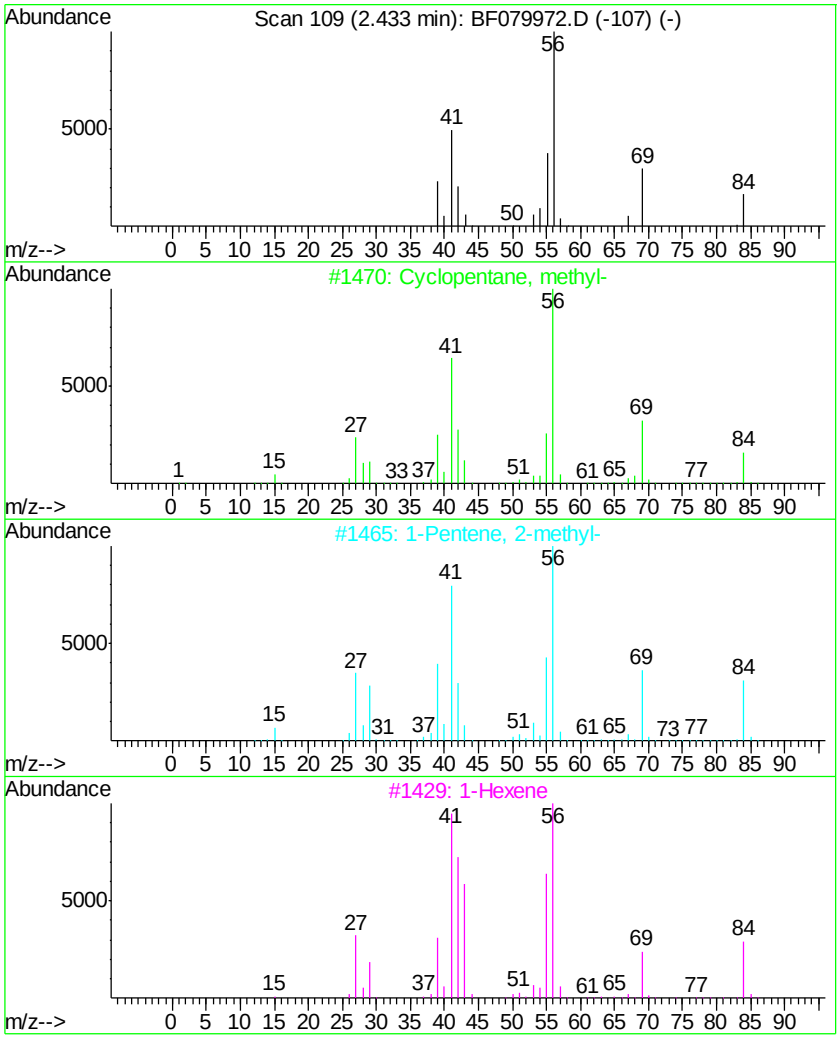
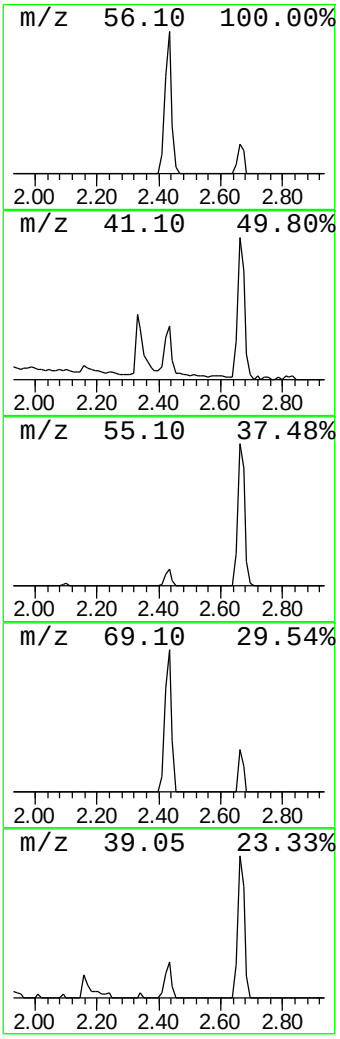
Peak Number 4 Cyclopentane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	23.53 ng	307052	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	1-Hexene	84	C6H12	000592-41-6	40
4	Cyclobutane, butyl-	112	C8H16	013152-44-8	38
5	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079972.D
Acq On : 13 Jun 2015 11:36
Operator : TP/IZ
Sample : G2523-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIP-22-6-4-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

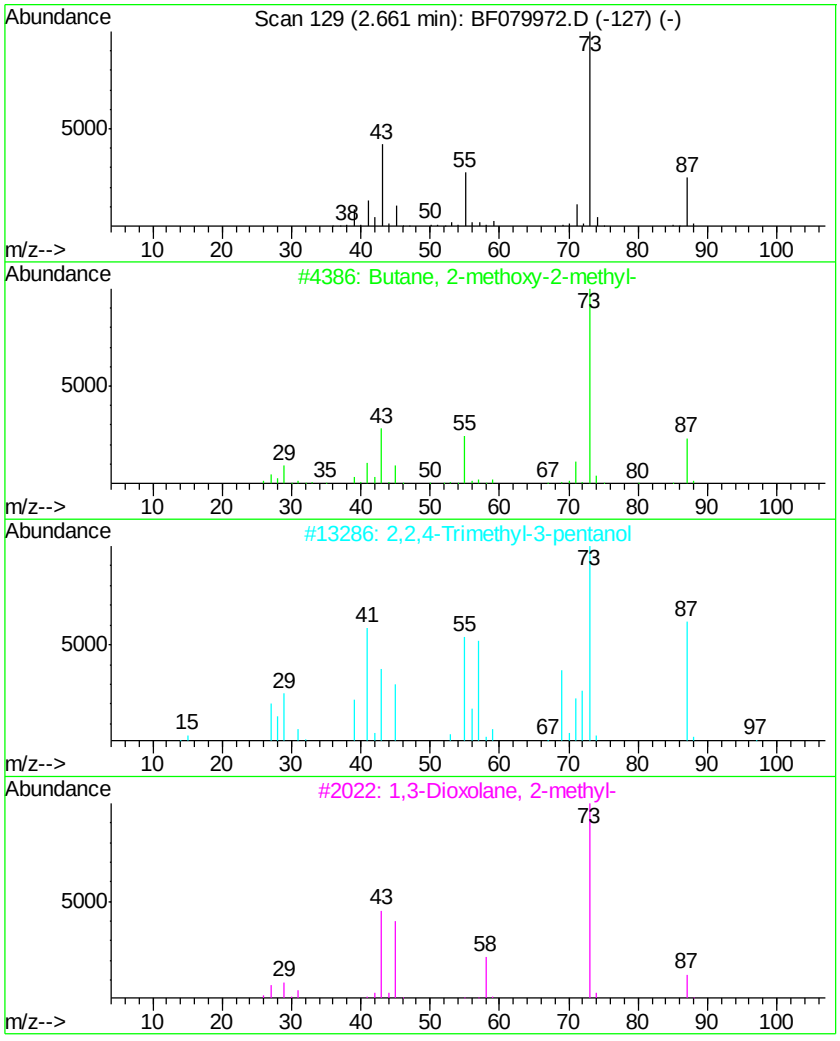
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

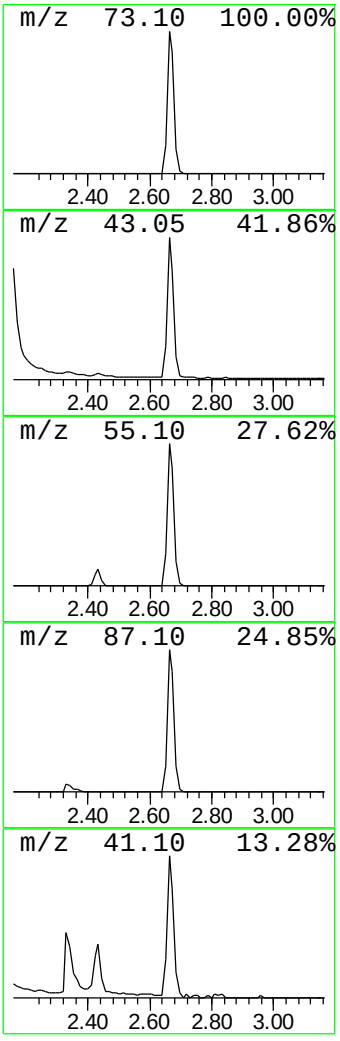
****

Peak Number 5 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.66	40.85 ng	533047	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Data File : BF079972.D
Acq On : 13 Jun 2015 11:36
Operator : TP/IZ
Sample : G2523-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIP-22-6-4-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

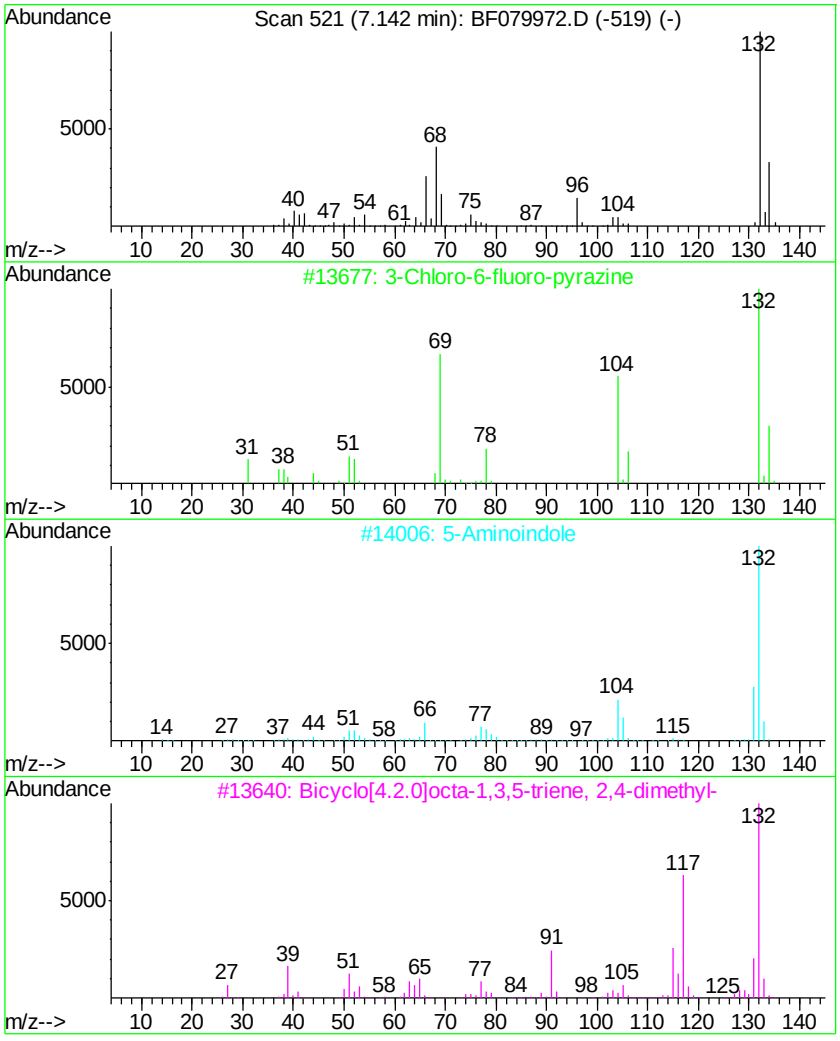
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

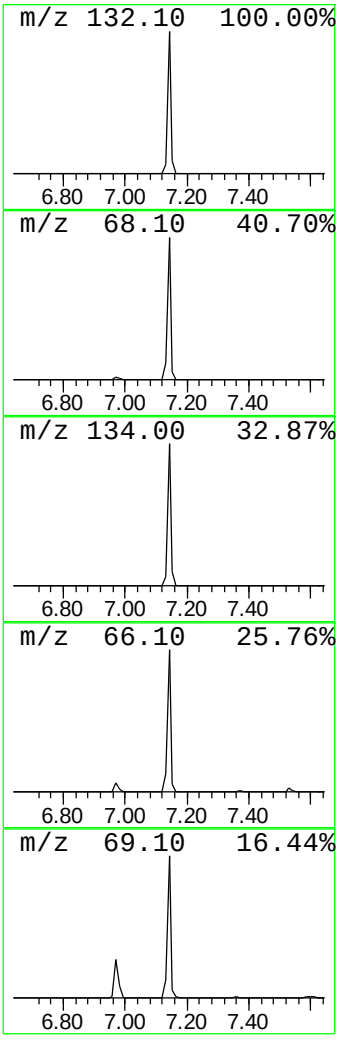
****

Peak Number 6 unknown7.14 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	83.21 ng	1085670	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
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Acq On : 13 Jun 2015 11:36
Operator : TP/IZ
Sample : G2523-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIP-22-6-4-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

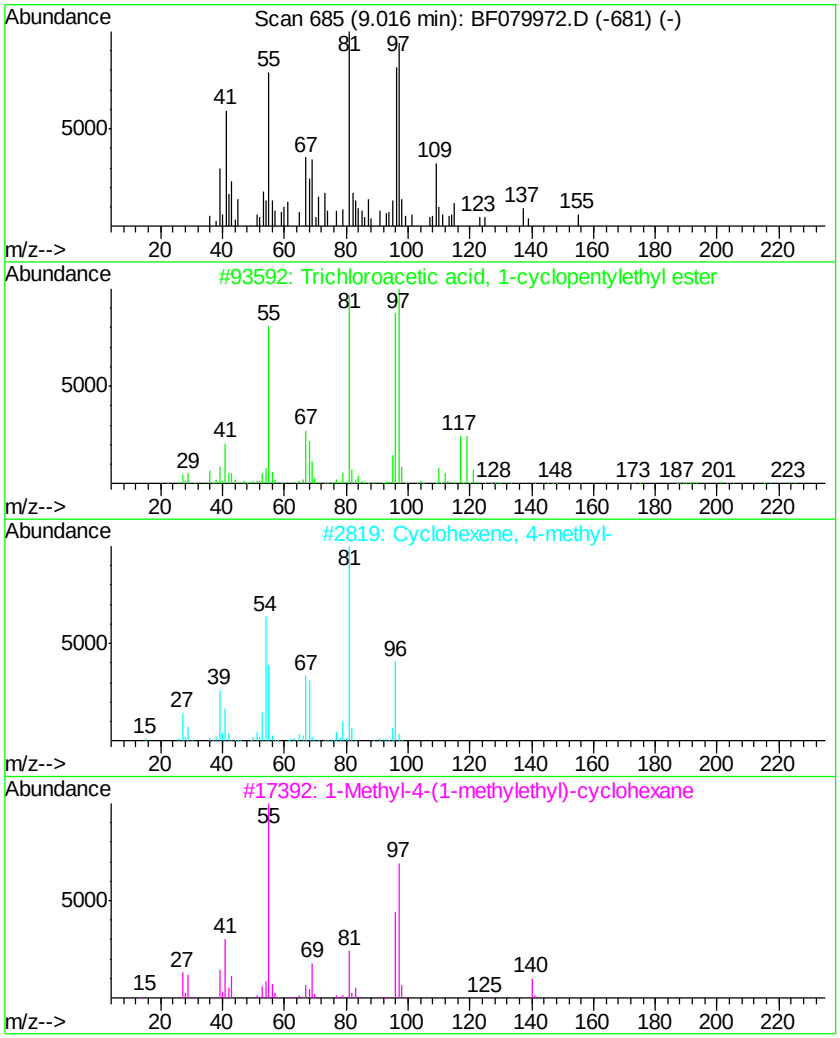
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

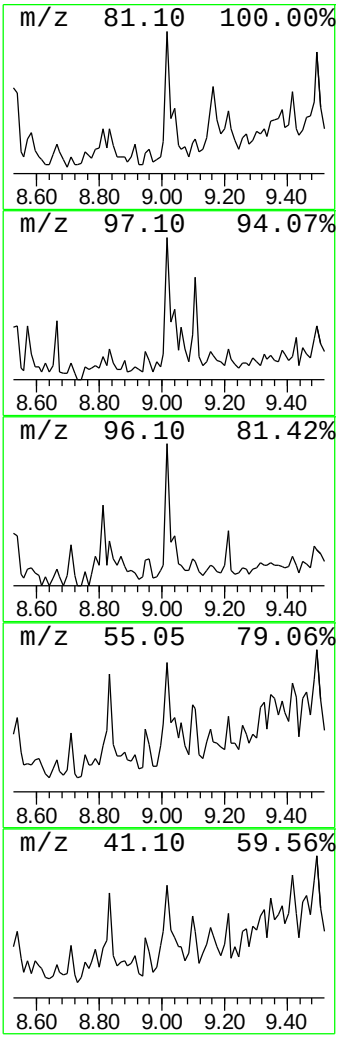
****

Peak Number 8 Trichloroacetic acid, 1-cyc... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	10.82 ng	208373	Naphthalene-d8	8.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, 1-cyclopen...	258	C9H13Cl3O2	1000282-57-1	80
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	43
3	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	43
4	1,4-Hexadiene, 2-methyl-	96	C7H12	001119-14-8	43
5	1-(2-Methylpropenyl)aziridine	97	C6H11N	080839-93-6	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079972.D
Acq On : 13 Jun 2015 11:36
Operator : TP/IZ
Sample : G2523-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIP-22-6-4-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

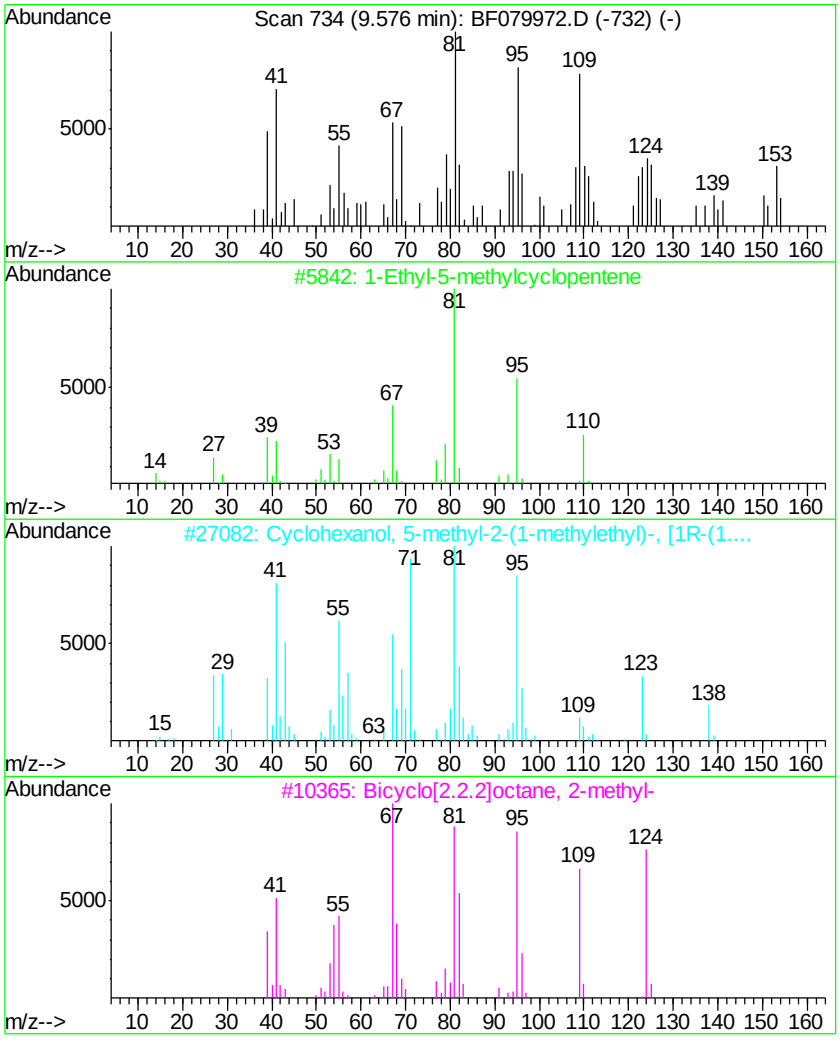
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

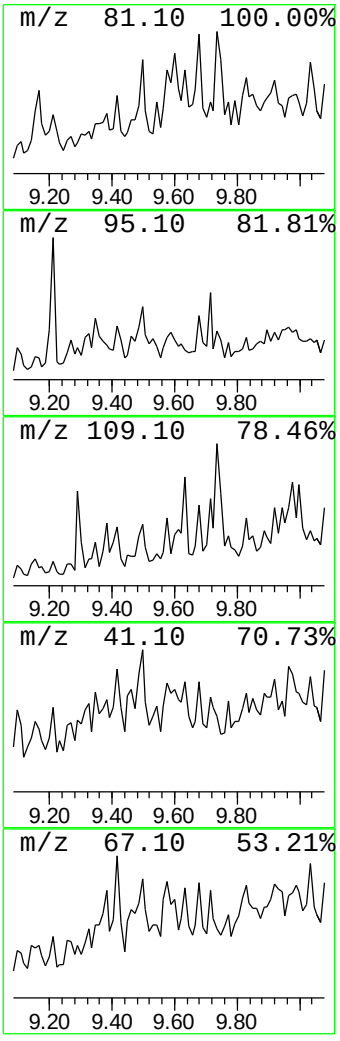
****

Peak Number 9 unknown9.58 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	5.50 ng	129935	Acenaphthene-d10	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	41
2	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-51-5	38
3	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	30
4	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	25
5	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	18





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

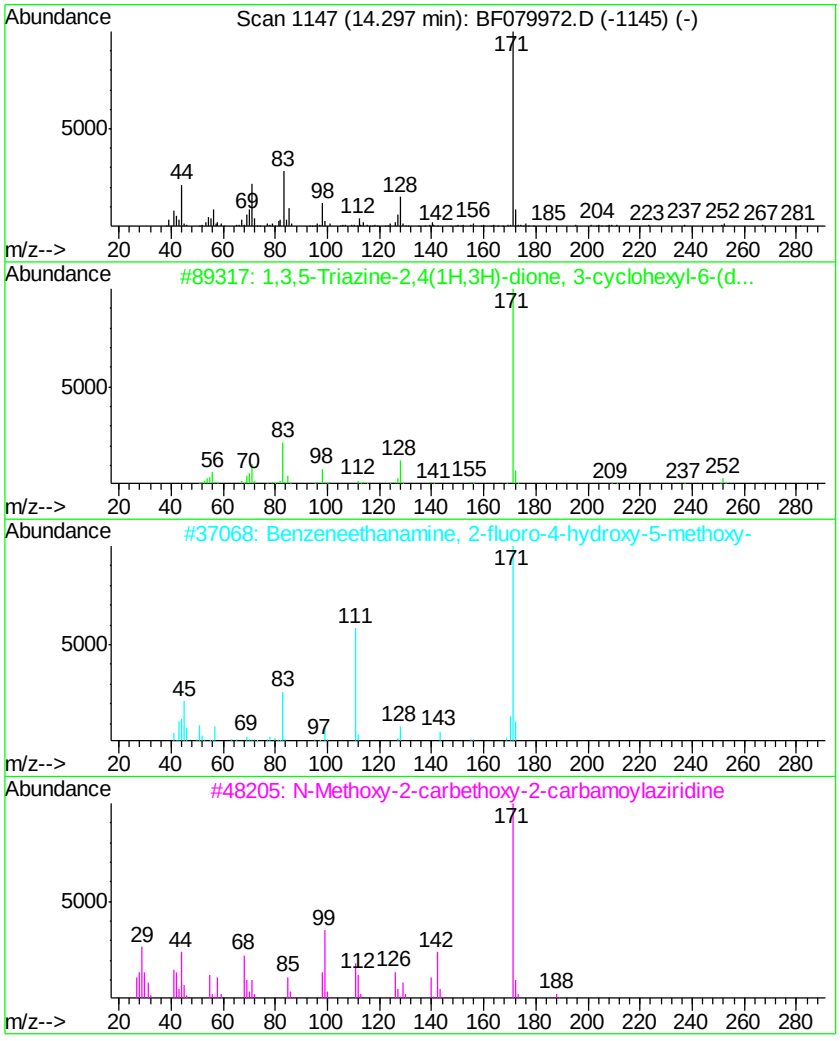
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

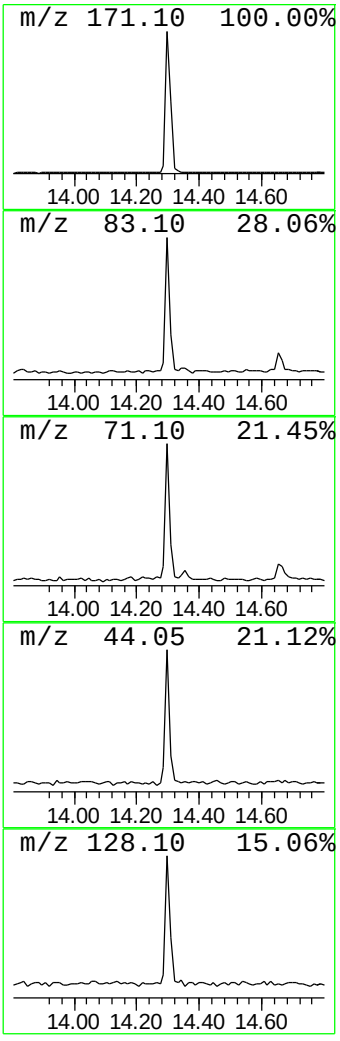
****

Peak Number 10 1,3,5-Triazine-2,4(1H,3H)-d... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	5.13 ng	168125	Chrysene-d12	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4(1H,3H)-dione,...	252	C12H20N4O2	051235-04-2	87
2	Benzeneethanamine, 2-fluoro-4-hy...	171	C8H10FNO2	1000116-43-3	50
3	N-Methoxy-2-carbethoxy-2-carbamo...	188	C7H12N2O4	063859-03-0	42
4	4-Pyrrolylbenzaldehyde	171	C11H9NO	023351-05-5	38
5	5-Amino-6-methyl-2-methylthiopyr...	171	C6H9N3OS	342402-52-2	38





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethene, 1,2-dichl...	1.34	11.3	ng	147431	1	7.38	260957	20.0
Cyclopentane, met...	2.43	23.5	ng	307052	1	7.38	260957	20.0
Butane, 2-methoxy...	2.66	40.9	ng	533047	1	7.38	260957	20.0
unknown7.14	7.14	83.2	ng	1085670	1	7.38	260957	20.0
Trichloroacetic a...	9.02	10.8	ng	208373	2	8.67	385038	20.0
unknown9.58	9.58	5.5	ng	129935	3	10.44	472749	20.0
1,3,5-Triazine-2,...	14.30	5.1	ng	168125	5	14.88	655597	20.0