LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079079.D
Acq On : 9 May 2015 12:48
Operator : TP/IZ
Sample : G2151-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-19-7.5

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-BF043015.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	1.484	24	26	29	rVB	4574792	5172238	100.00%	19.137%
2	1.621	35	38	41	rVB	210579	359037	6.94%	1.328%
3	1.747	48	49	52	rBV	221693	301996	5.84%	1.117%
4	1.804	52	54	58	rVV	231537	326551	6.31%	1.208%
5	1.873	58	60	97	rVB	2083817	4027852	77.87%	14.903%
6	5.119	343	344	349	rVB	80016	102724	1.99%	0.380%
7	5.621	385	388	390	rBV	1610692	1650892	31.92%	6.108%
8	6.879	495	498	500	rBV	1900827	1808442	34.96%	6.691%
9	7.027	509	511	514	rBV	1766196	1726652	33.38%	6.389%
10	7.313	534	536	539	rBV	303693	397364	7.68%	1.470%
11	7.507	550	553	555	rBV	1399682	1305267	25.24%	4.830%
12	8.010	594	597	599	rBV	1227614	1080236	20.89%	3.997%
13	8.890	672	674	677	rVB	485305	553632	10.70%	2.048%
14	10.239	790	792	795	rBV	2159715	1928024	37.28%	7.134%
15	10.742	834	836	839	rVB	76416	65942	1.27%	0.244%
16	11.073	862	865	867	rBV	630259	624469	12.07%	2.311%
17	12.056	948	951	953	rBV2	950875	1330409	25.72%	4.923%
18	12.914	1024	1026	1029	rBV	657481	655057	12.66%	2.424%
19	14.914	1198	1201	1204	rBV	2206739	2142975	41.43%	7.929%
20	16.091	1301	1304	1312	rBV	94192	182817	3.53%	0.676%
21	16.205	1312	1314	1317	rBV	509433	653916	12.64%	2.420%
22	17.954	1464	1467	1470	rBV	520864	630414	12.19%	2.333%

Sum of corrected areas: 27026906

LSC Report - Integrated Chromatogram

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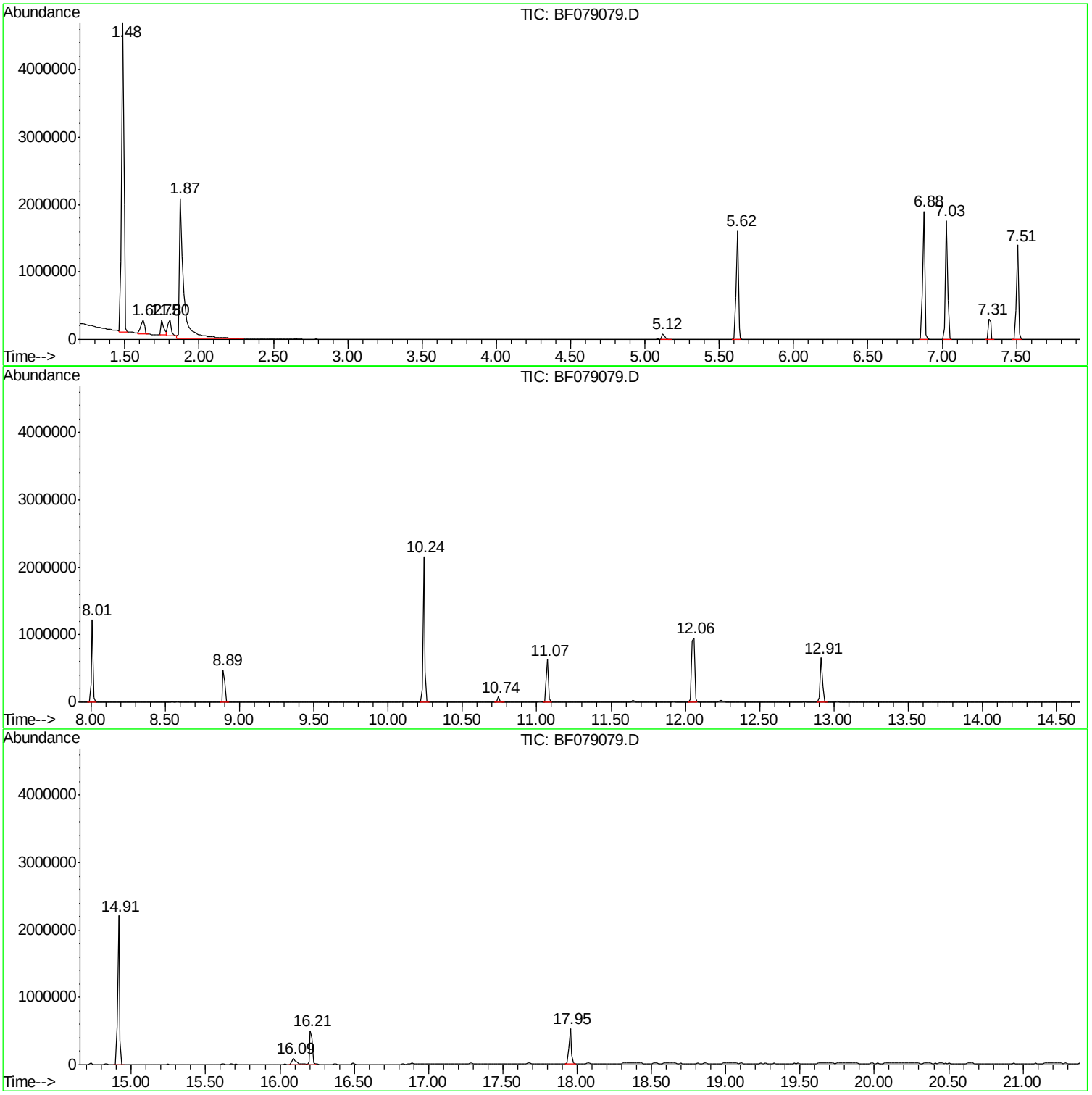
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-19-7.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Data File : BF079079.D
Acq On : 9 May 2015 12:48
Operator : TP/IZ
Sample : G2151-09
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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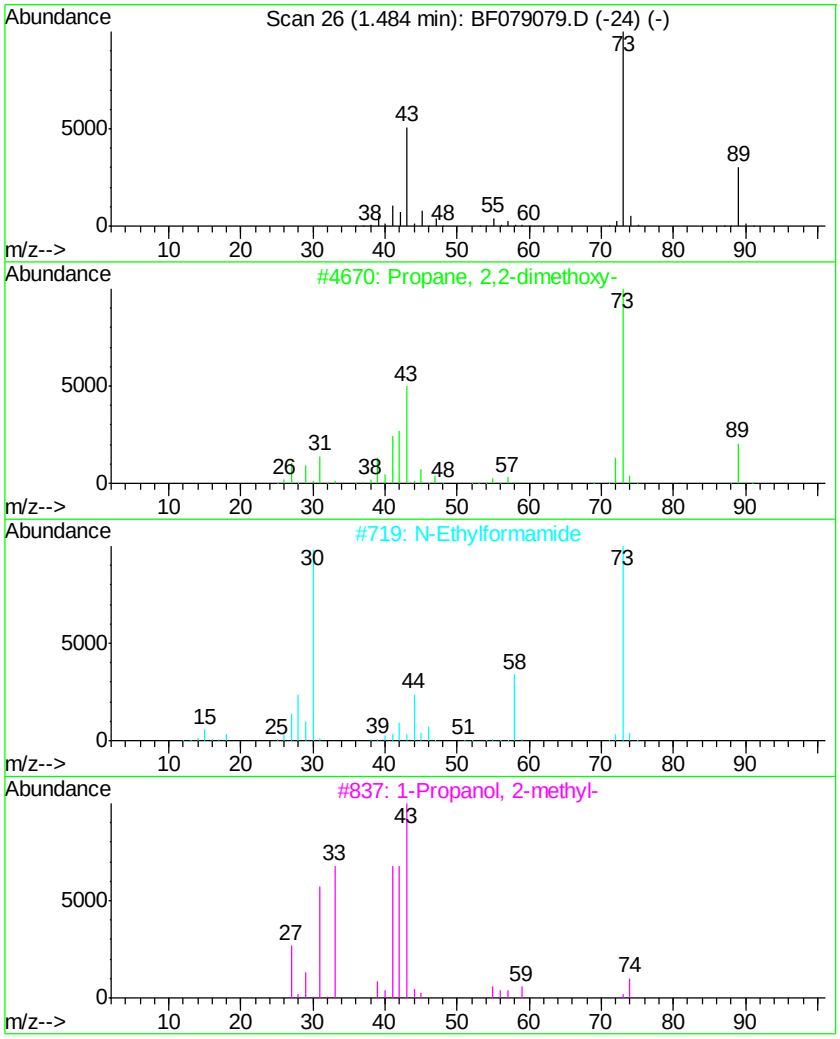
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

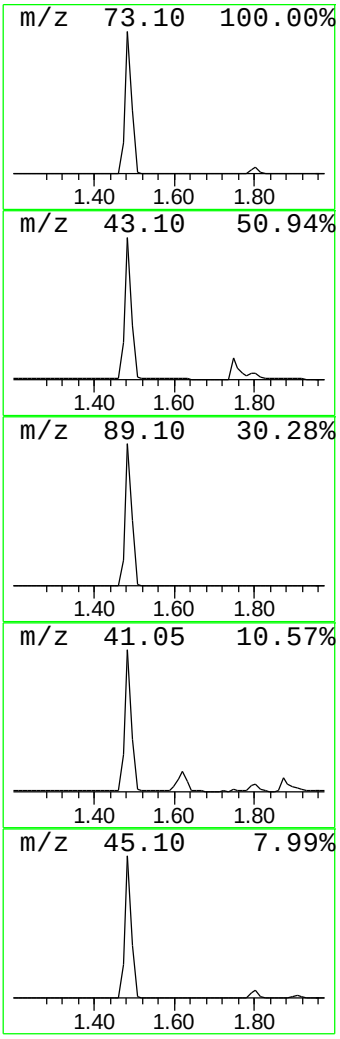
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	260.33 ng	5172240	1,4-Dichlorobenzene-d4	7.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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Sample : G2151-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-19-7.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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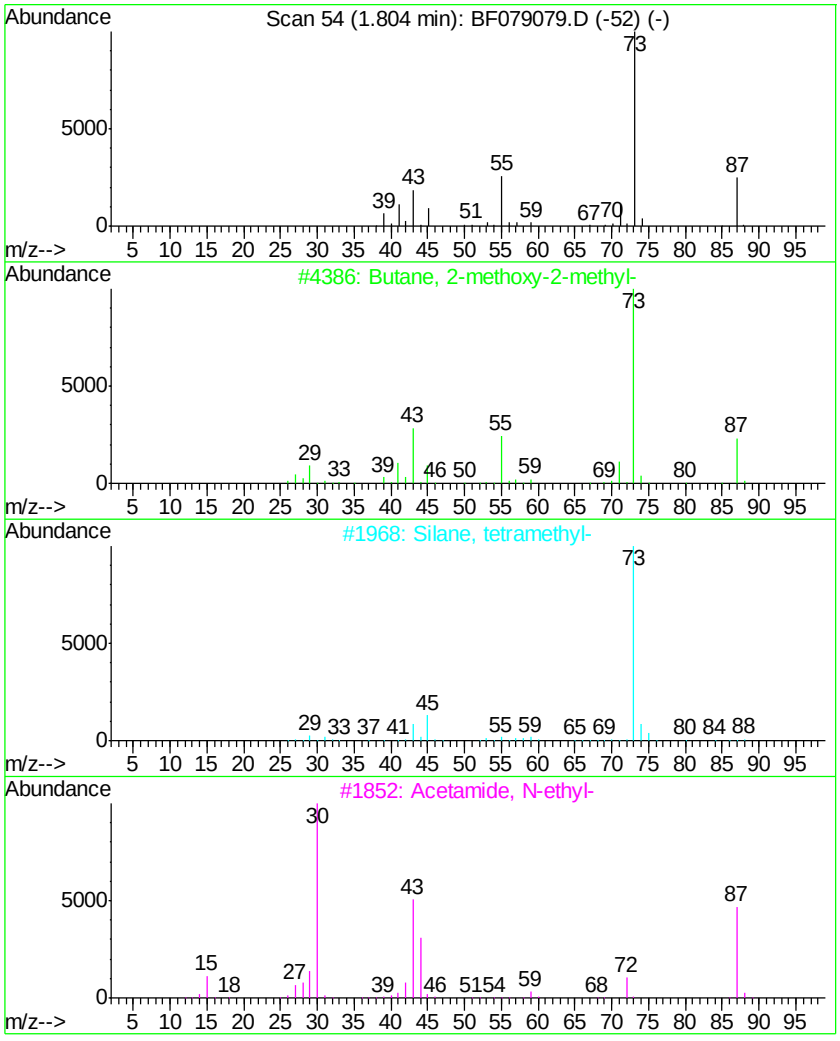
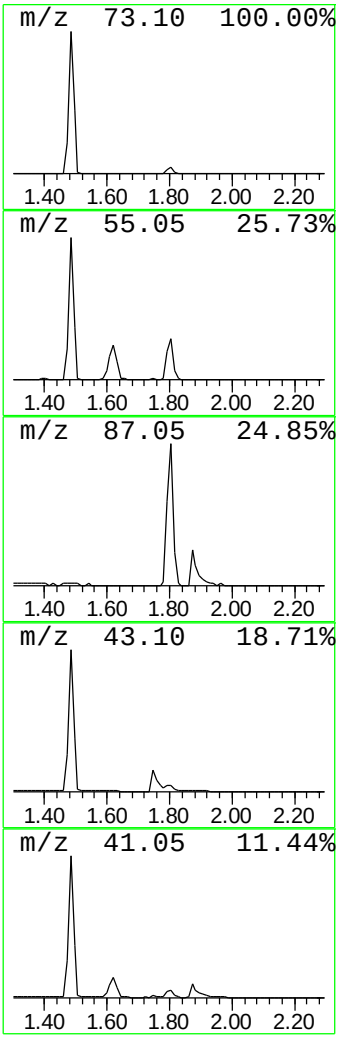
Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.80	16.44 ng	326551	1,4-Dichlorobenzene-d4	7.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Data File : BF079079.D
Acq On : 9 May 2015 12:48
Operator : TP/IZ
Sample : G2151-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-19-7.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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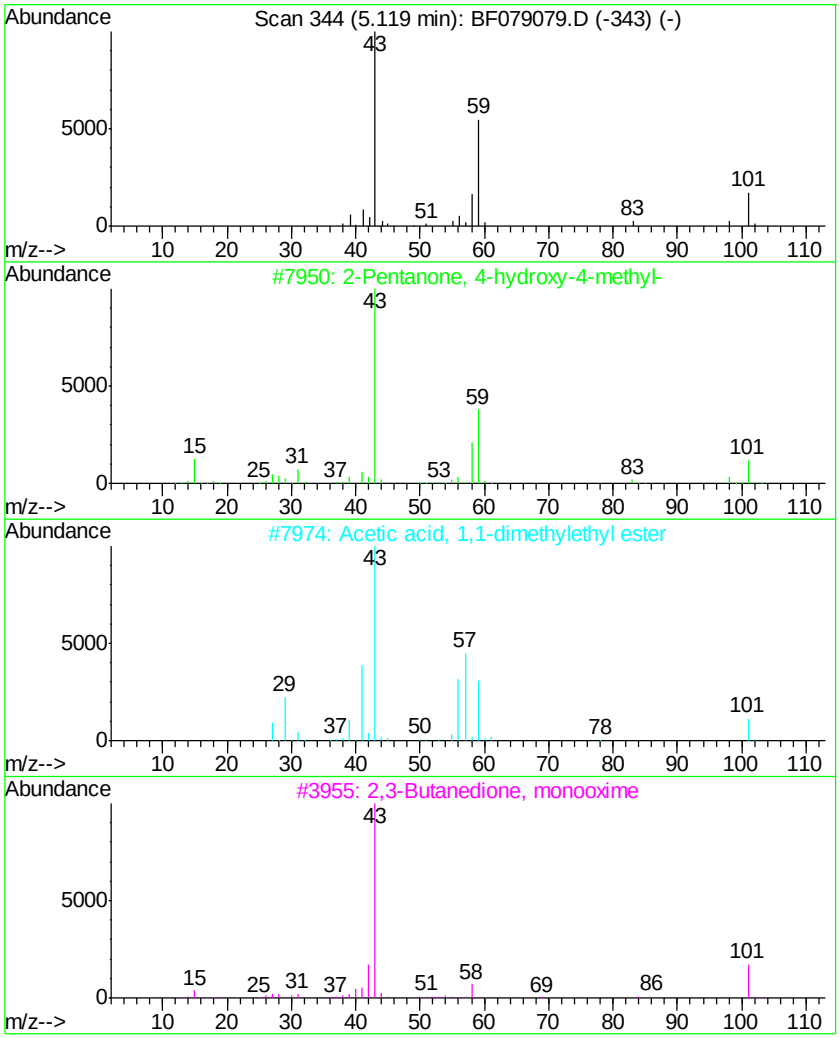
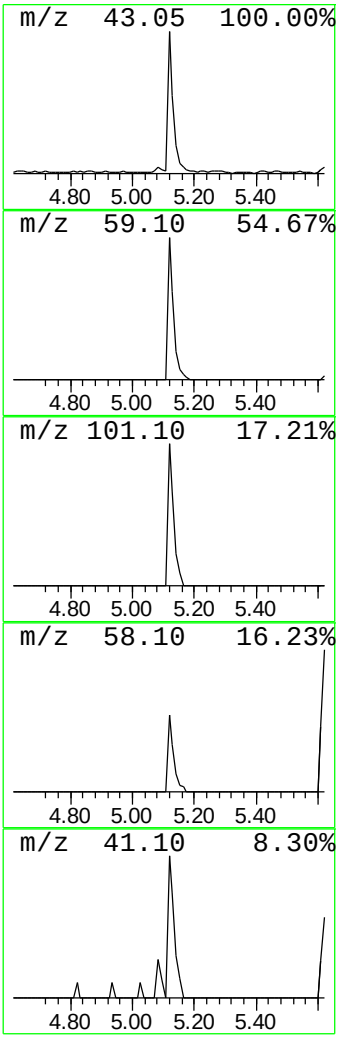
Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	5.17 ng	102724	1,4-Dichlorobenzene-d4	7.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : G2151-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-19-7.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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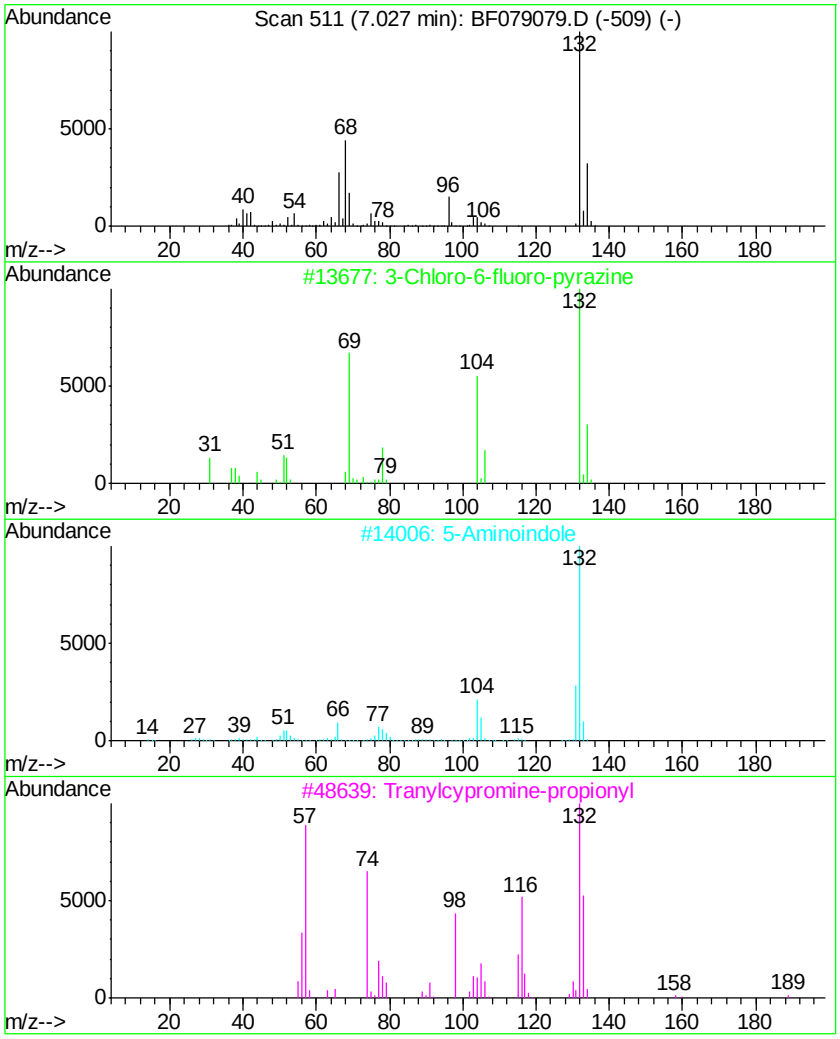
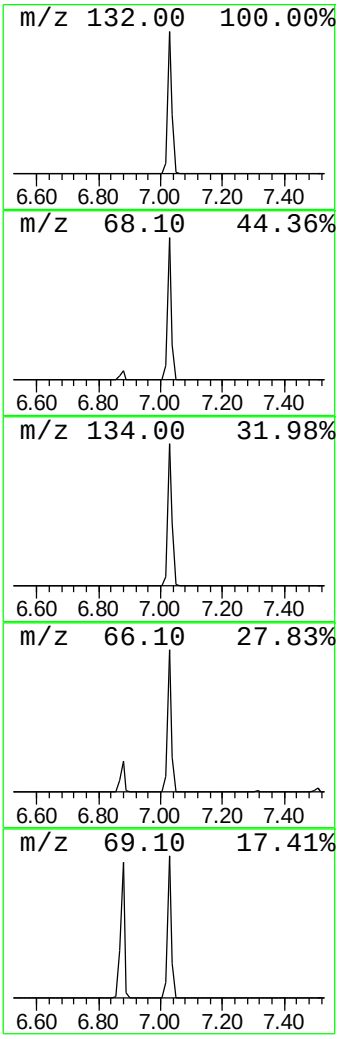
Peak Number 7 unknown7.03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	86.91 ng	1726650	1,4-Dichlorobenzene-d4	7.32

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_F
ClientSampleId : TU012-SB-19-7.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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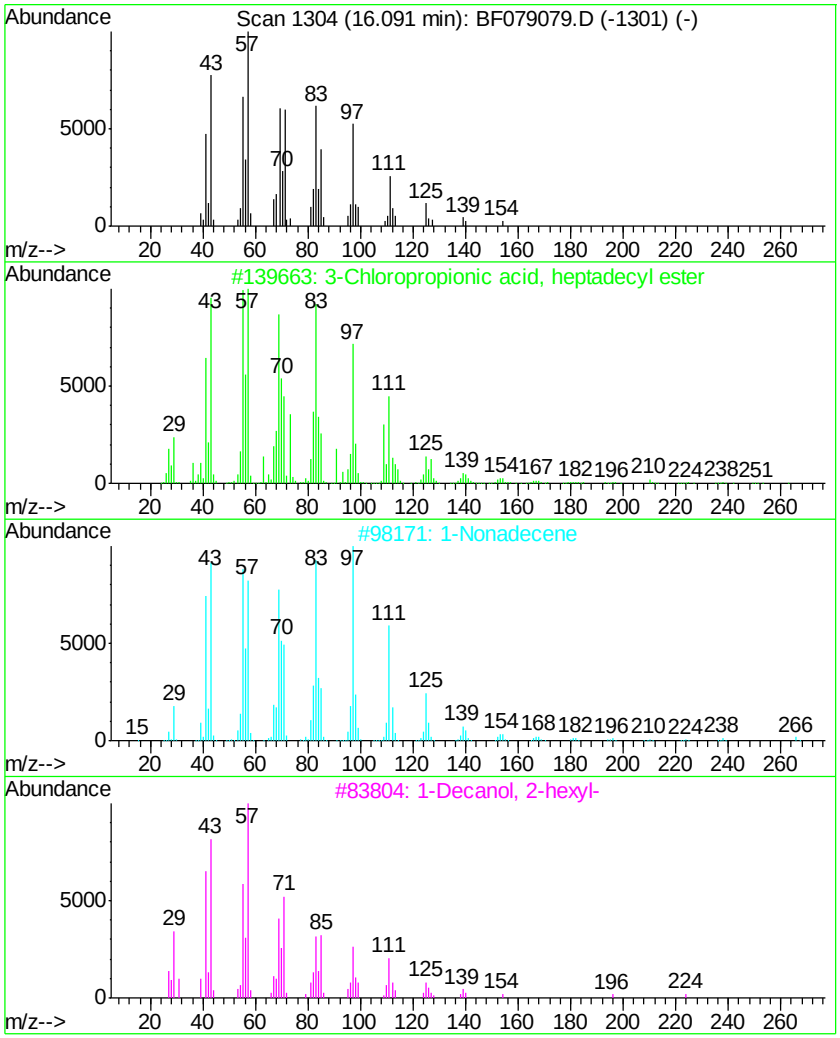
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

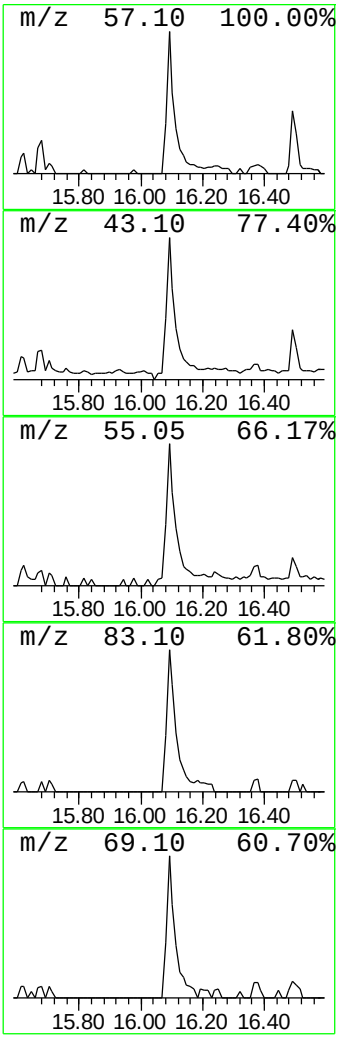
****

Peak Number 9 3-Chloropropionic acid, hep... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	5.59 ng	182817	Chrysene-d12	16.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	76
2	1-Nonadecene	266	C19H38	018435-45-5	76
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	74
4	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	72
5	17-Pentatriacontene	491	C35H70	006971-40-0	72





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
Propane, 2,2-dime...	1.48	260.3	ng	5172240	1	7.32	397364	20.0
Butane, 2-methoxy...	1.80	16.4	ng	326551	1	7.32	397364	20.0
2-Pentanone, 4-hy...	5.12	5.2	ng	102724	1	7.32	397364	20.0
unknown7.03	7.03	86.9	ng	1726650	1	7.32	397364	20.0
3-Chloropropionic...	16.09	5.6	ng	182817	5	16.21	653916	20.0