LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079093.D
Acq On : 9 May 2015 21:22
Operator : TP/IZ
Sample : G2087-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-0-2

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-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	1.244	3	5	24	rVB	613241	1704361	22.35%	4.365%
2	1.495	24	27	30	rVV	6222349	7624452	100.00%	19.525%
3	1.621	34	38	42	rVB	621774	1265684	16.60%	3.241%
4	1.747	48	49	52	rBV	551445	749010	9.82%	1.918%
5	1.804	52	54	58	rVV	296242	412252	5.41%	1.056%
6	1.873	58	60	84	rVB	2692003	5085753	66.70%	13.024%
7	3.656	212	216	220	rVB	73974	130555	1.71%	0.334%
8	5.119	342	344	352	rVB	209340	257054	3.37%	0.658%
9	5.621	385	388	391	rBV	2095039	2114529	27.73%	5.415%
10	6.879	495	498	500	rBV	2418378	2226643	29.20%	5.702%
11	7.027	509	511	514	rBV	2185456	2180762	28.60%	5.585%
12	7.313	534	536	539	rBV	410711	500372	6.56%	1.281%
13	7.507	550	553	555	rVB	1847639	1761692	23.11%	4.511%
14	8.010	594	597	599	rBV	1567662	1391116	18.25%	3.562%
15	8.890	672	674	677	rVB	688028	704003	9.23%	1.803%
16	10.239	790	792	795	rBV	2999020	2656369	34.84%	6.803%
17	10.742	834	836	839	rVB	165668	142056	1.86%	0.364%
18	11.073	862	865	867	rBV	746313	800253	10.50%	2.049%
19	12.045	948	950	953	rBV2	1170804	1664730	21.83%	4.263%
20	12.914	1023	1026	1029	rBV	906242	844216	11.07%	2.162%
21	14.914	1198	1201	1204	rBV	2874264	2837640	37.22%	7.267%
22	16.091	1301	1304	1312	rBV	166993	352421	4.62%	0.902%
23	16.217	1312	1315	1317	rBV	666602	822341	10.79%	2.106%
24	17.977	1466	1469	1472	rBV	620797	821390	10.77%	2.103%

Sum of corrected areas: 39049654

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079093.D
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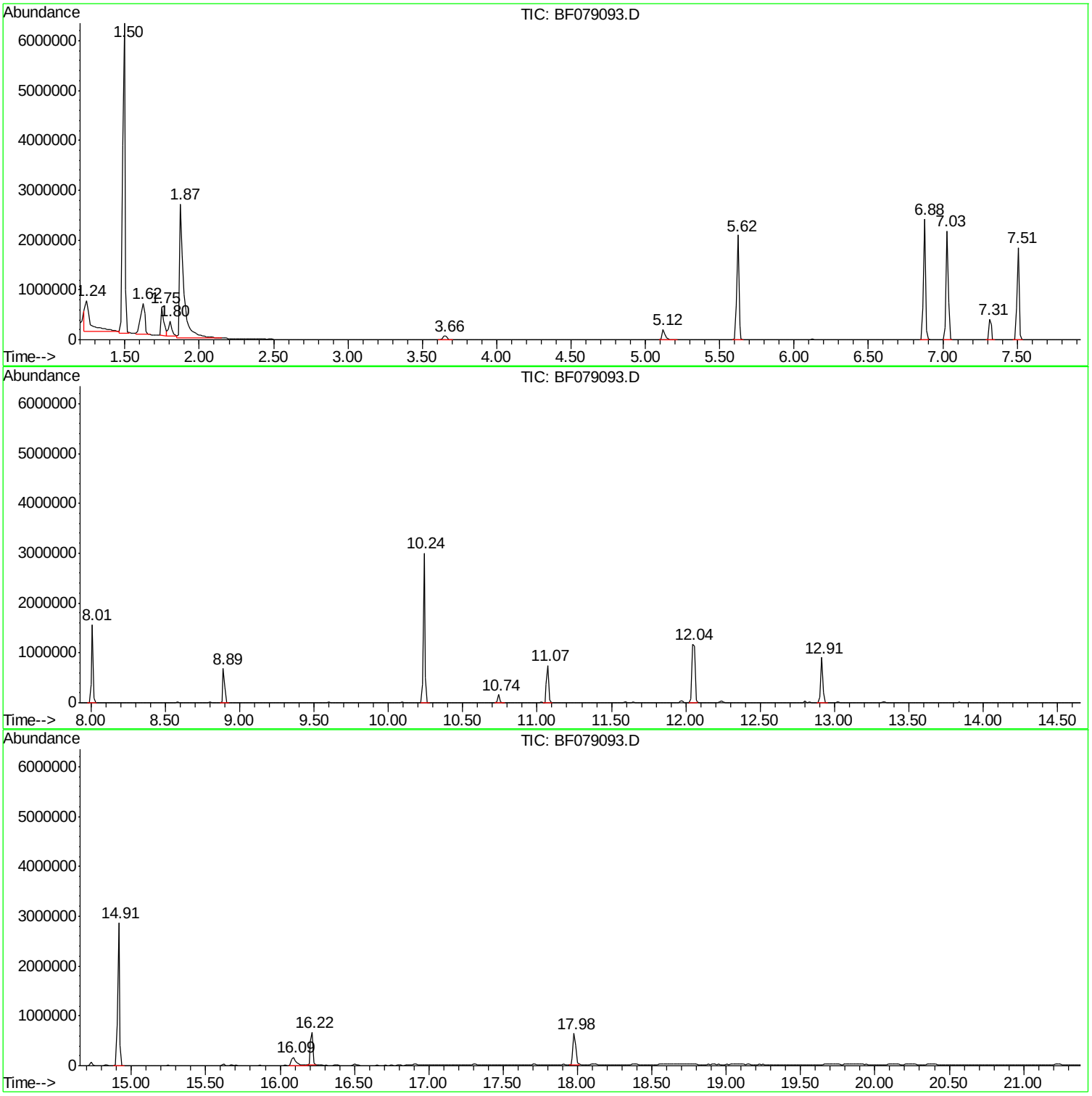
Operator : TP/IZ
Sample : G2087-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-0-2

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079093.D
Acq On : 9 May 2015 21:22
Operator : TP/IZ
Sample : G2087-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-0-2

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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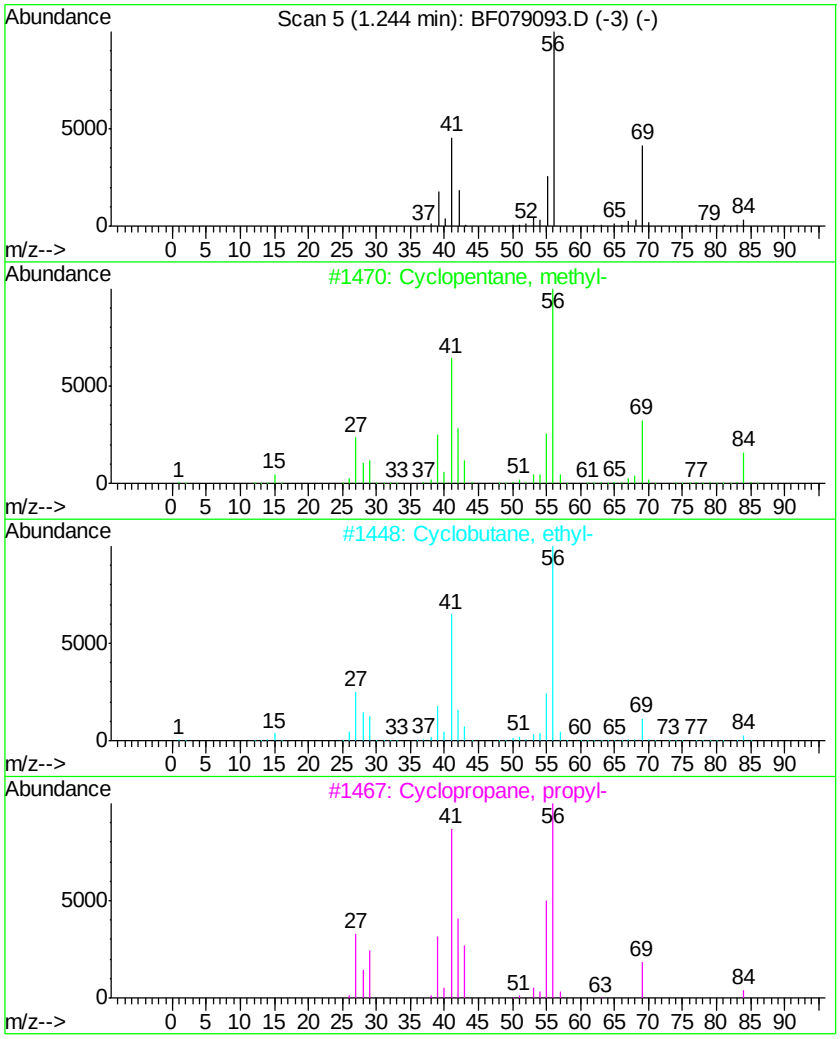
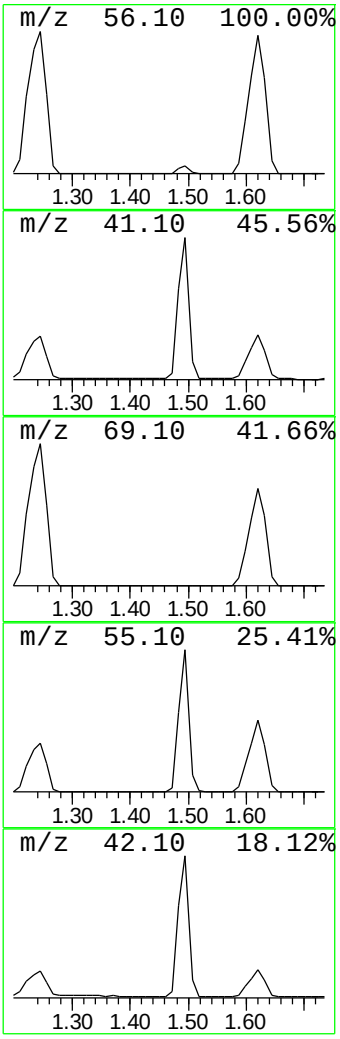
Peak Number 1 Cyclopentane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.24	68.12 ng	1704360	1,4-Dichlorobenzene-d4	7.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3	Cyclopropane, propyl-	84	C6H12	002415-72-7	43
4	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	39
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079093.D
Acq On : 9 May 2015 21:22
Operator : TP/IZ
Sample : G2087-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-0-2

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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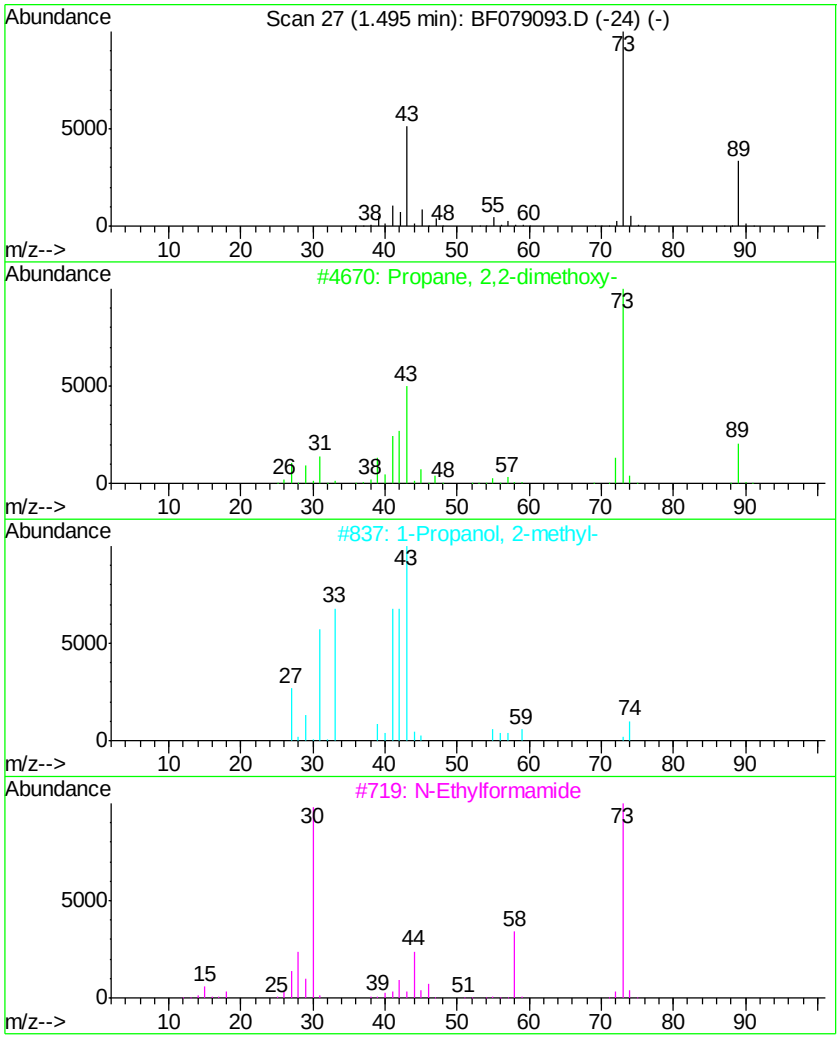
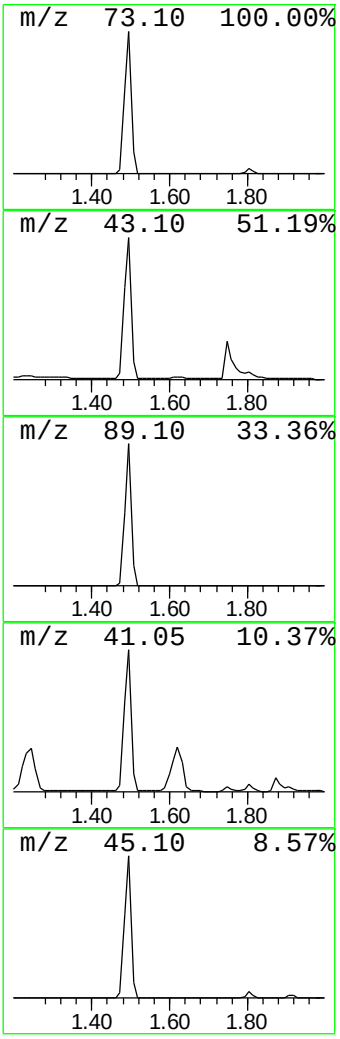
Peak Number 2 unknown1.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	304.75 ng	7624450	1,4-Dichlorobenzene-d4	7.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079093.D
Acq On : 9 May 2015 21:22
Operator : TP/IZ
Sample : G2087-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-0-2

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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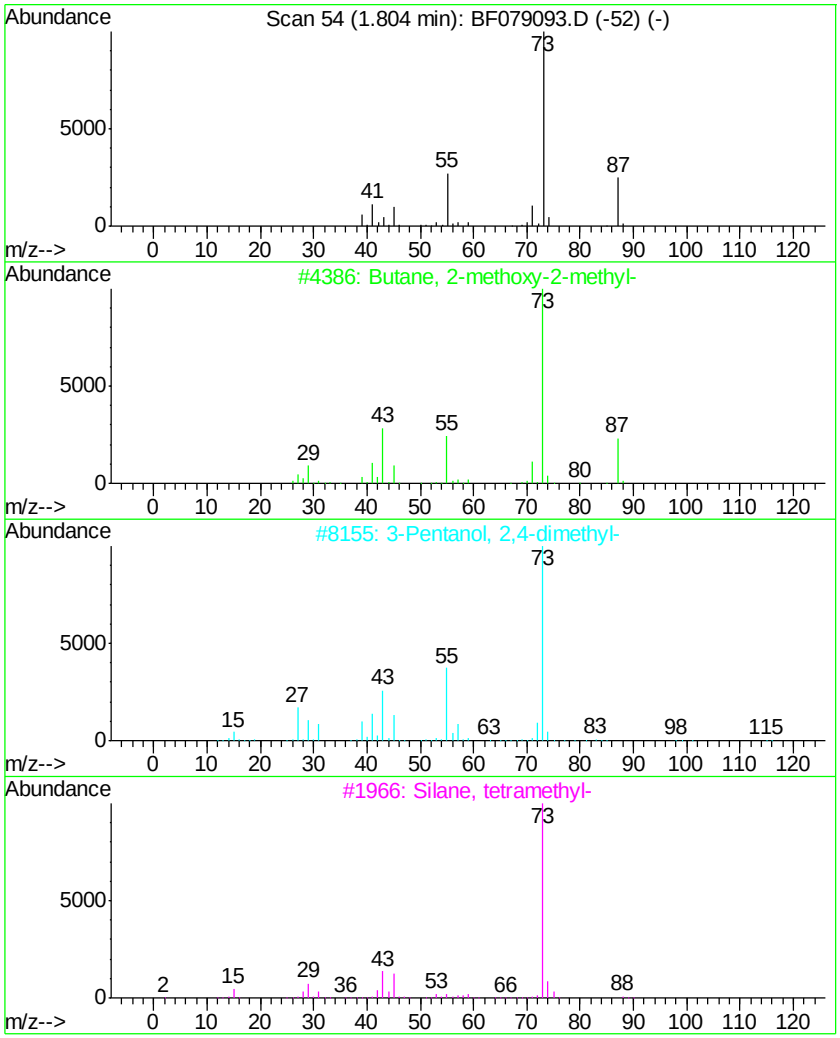
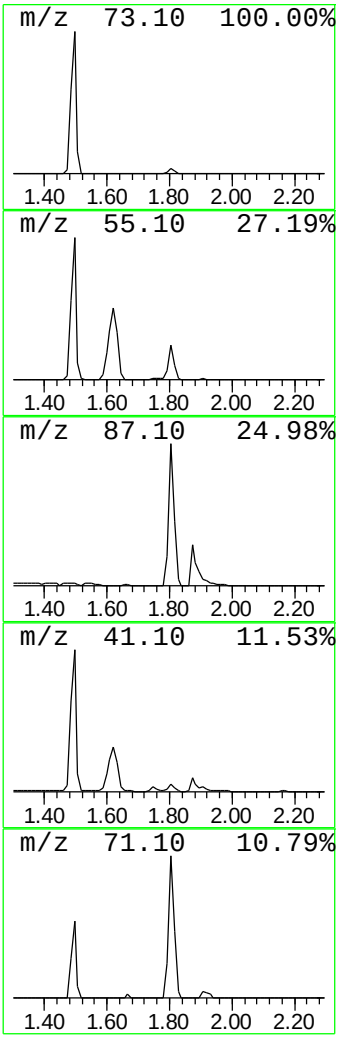
Peak Number 5 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.80	16.48 ng	412252	1,4-Dichlorobenzene-d4	7.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





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Data File : BF079093.D
Acq On : 9 May 2015 21:22
Operator : TP/IZ
Sample : G2087-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-0-2

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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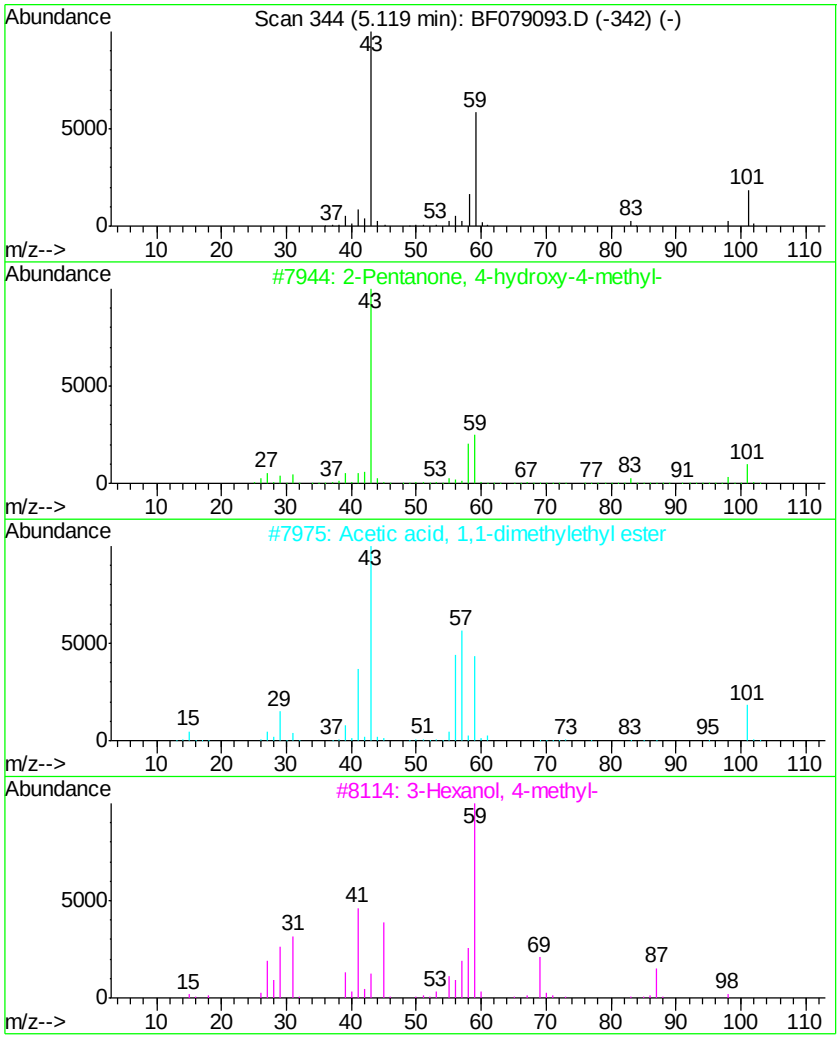
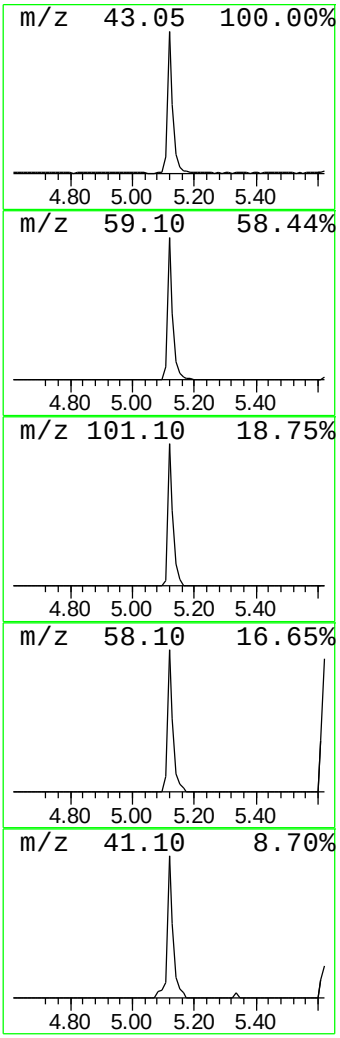
Peak Number 8 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	10.27 ng	257054	1,4-Dichlorobenzene-d4	7.31

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	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079093.D
Acq On : 9 May 2015 21:22
Operator : TP/IZ
Sample : G2087-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-0-2

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

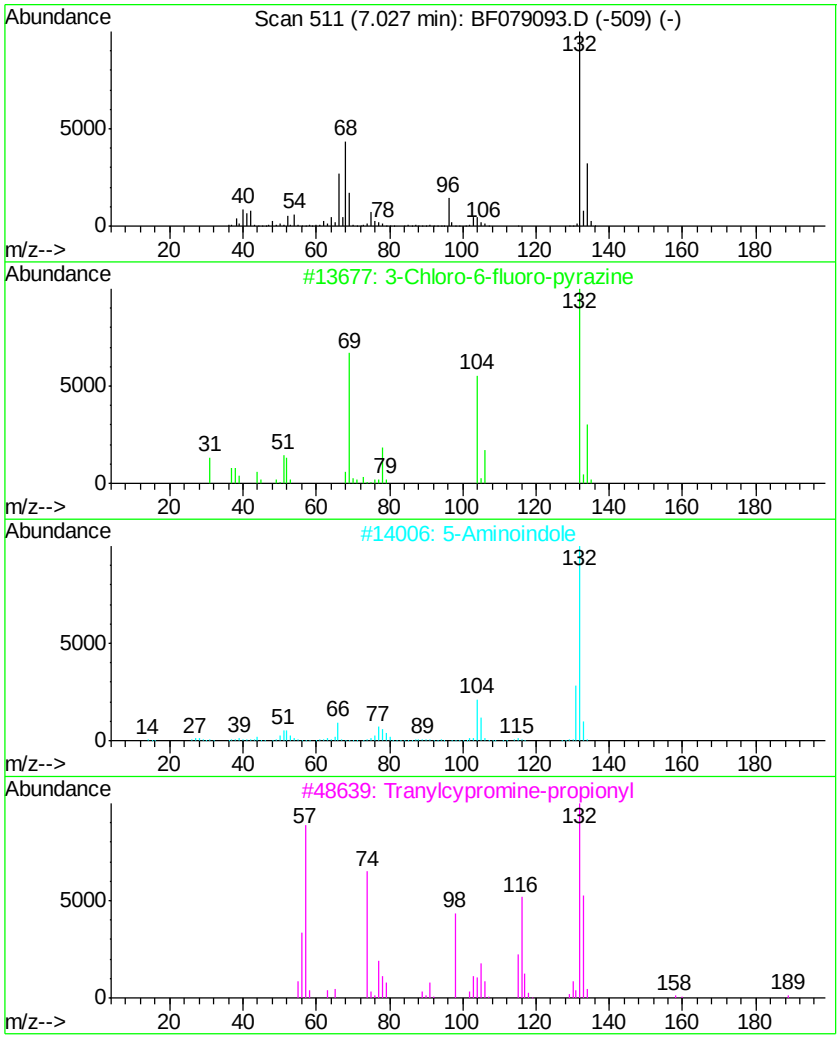
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

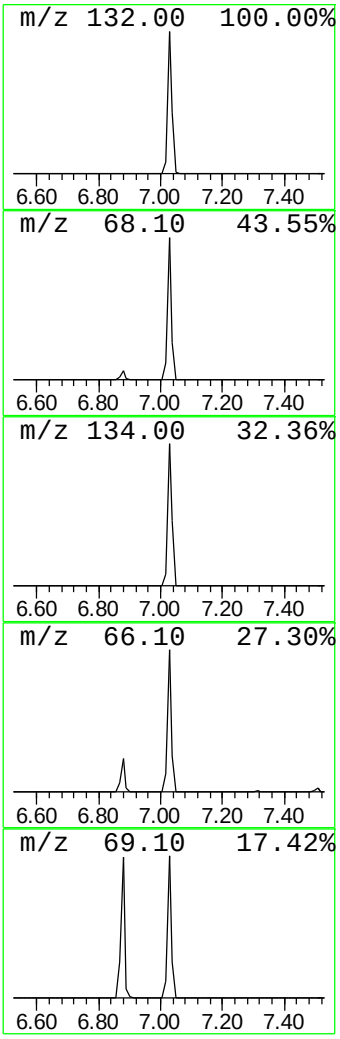
****

Peak Number 9 unknown7.03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	87.17 ng	2180760	1,4-Dichlorobenzene-d4	7.31

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Operator : TP/IZ
Sample : G2087-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-0-2

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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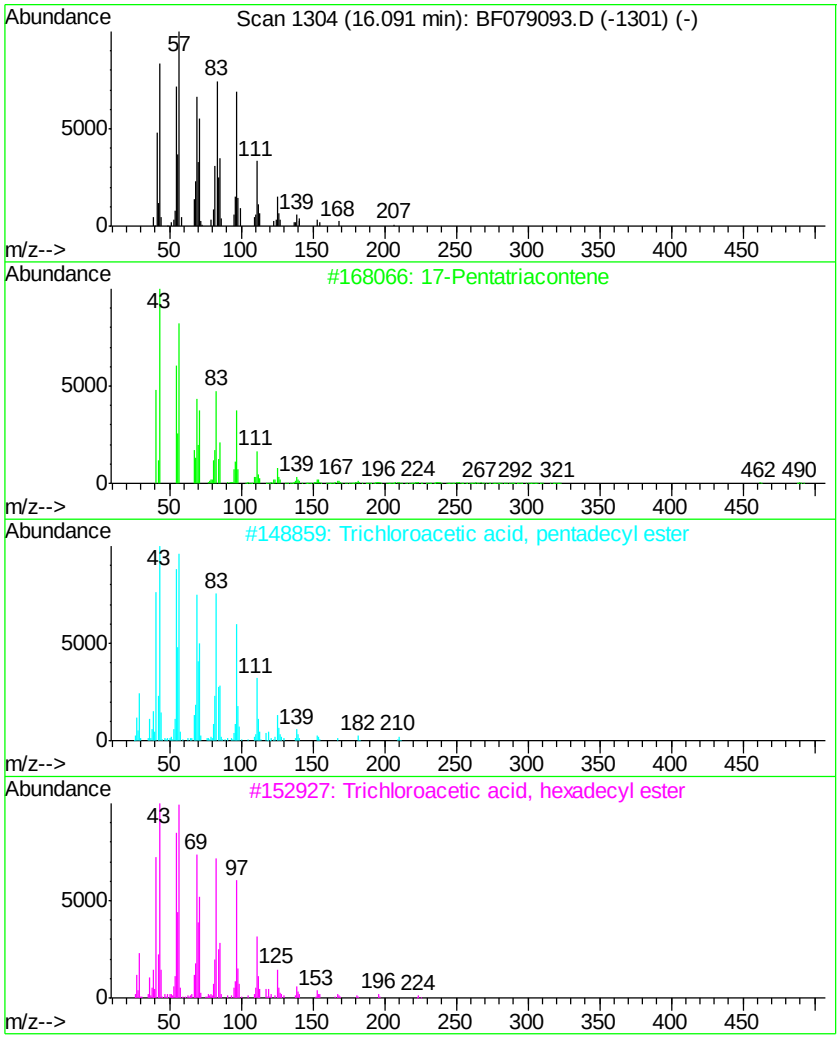
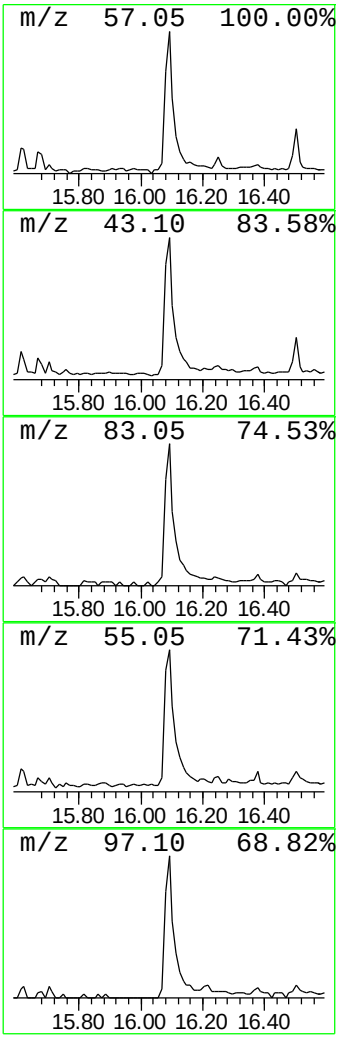
Peak Number 11 17-Pentatriacontene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	8.57 ng	352421	Chrysene-d12	16.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	1-Tetracosanol	354	C24H50O	000506-51-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
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Acq On : 9 May 2015 21:22
Operator : TP/IZ
Sample : G2087-05
Misc :
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Instrument : BNA_F
ClientSampleId : B3-0-2

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentane, met...	1.24	68.1	ng	1704360	1	7.31	500372	20.0
unknown1.50	1.50	304.8	ng	7624450	1	7.31	500372	20.0
Butane, 2-methoxy...	1.80	16.5	ng	412252	1	7.31	500372	20.0
2-Pentanone, 4-hy...	5.12	10.3	ng	257054	1	7.31	500372	20.0
unknown7.03	7.03	87.2	ng	2180760	1	7.31	500372	20.0
17-Pentatriacontene	16.09	8.6	ng	352421	5	16.22	822341	20.0