LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079923.D
Acq On : 12 Jun 2015 6:17
Operator : TP/IZ
Sample : G2573-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5

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	2.261	92	94	97	rVB	447726	529410	15.43%	3.211%
2	2.353	100	102	121	rVB	841546	1715829	50.00%	10.408%
3	2.696	130	132	136	rVB	116507	175306	5.11%	1.063%
4	5.999	419	421	424	rBV	574853	653102	19.03%	3.962%
5	6.993	505	508	510	rBV	602738	721252	21.02%	4.375%
6	7.153	520	522	525	rBV	609822	711727	20.74%	4.317%
7	7.393	541	543	545	rBV	434459	343911	10.02%	2.086%
8	7.553	555	557	559	rVB	736445	586102	17.08%	3.555%
9	7.942	589	591	594	rBV	291228	354698	10.34%	2.151%
10	8.685	654	656	658	rBV	636947	499766	14.56%	3.031%
11	9.759	748	750	752	rVB	1487646	1160748	33.82%	7.041%
12	10.456	809	811	813	rBV	686433	611718	17.82%	3.710%
13	11.256	878	881	883	rBV	1065357	1251508	36.47%	7.591%
14	11.965	941	943	947	rBV	834580	807664	23.53%	4.899%
15	12.502	986	990	994	rBV2	130141	193093	5.63%	1.171%
16	12.925	1025	1027	1029	rBV	272781	251598	7.33%	1.526%
17	13.257	1054	1056	1058	rBV	119070	139499	4.06%	0.846%
18	13.508	1073	1078	1081	rVB	139153	182506	5.32%	1.107%
19	13.645	1088	1090	1093	rBV	3328587	3431978	100.00%	20.817%
20	14.640	1175	1177	1185	rBV3	237043	342391	9.98%	2.077%
21	14.857	1194	1196	1198	rBV	625058	934219	27.22%	5.667%
22	16.708	1354	1358	1366	rVB	549606	888126	25.88%	5.387%

Sum of corrected areas: 16486151

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
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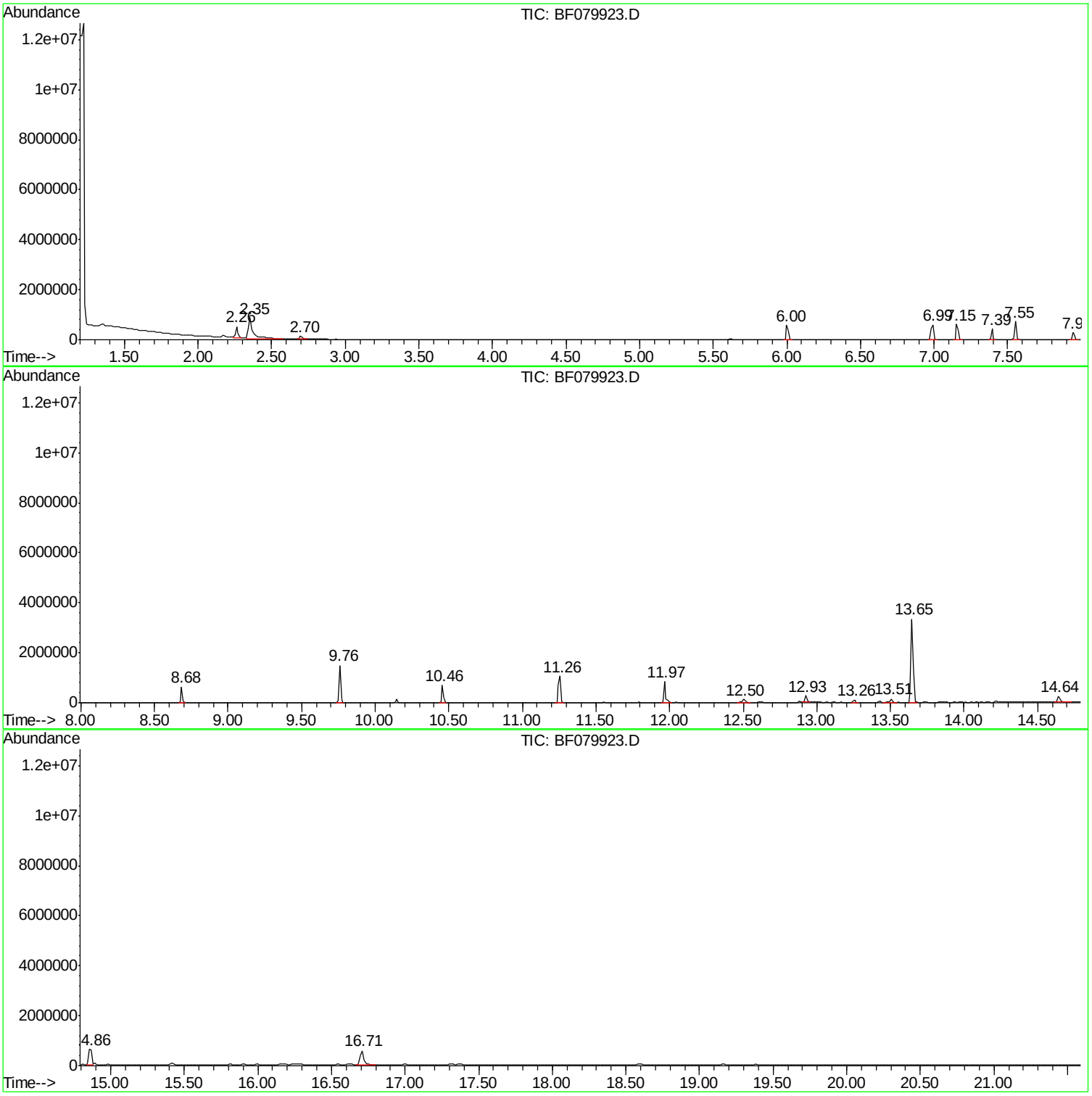
Operator : TP/IZ
Sample : G2573-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5

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\BF061115\
Data File : BF079923.D
Acq On : 12 Jun 2015 6:17
Operator : TP/IZ
Sample : G2573-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5

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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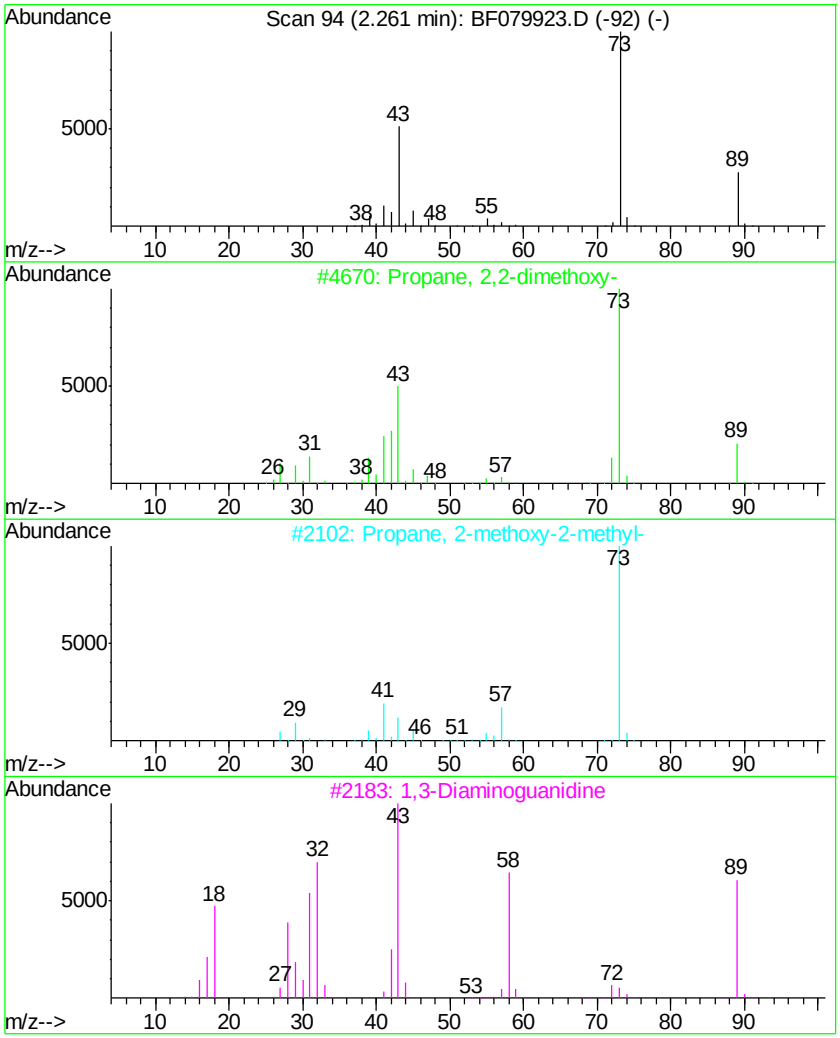
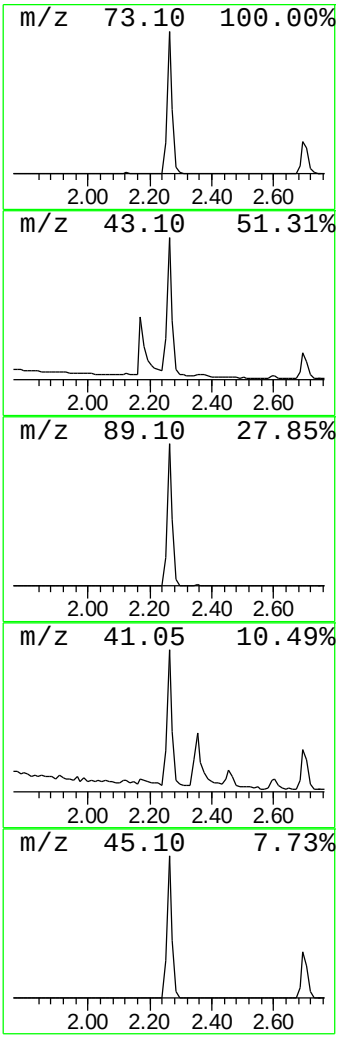
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	30.79 ng	529410	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	7
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	7
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	5





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079923.D
Acq On : 12 Jun 2015 6:17
Operator : TP/IZ
Sample : G2573-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5

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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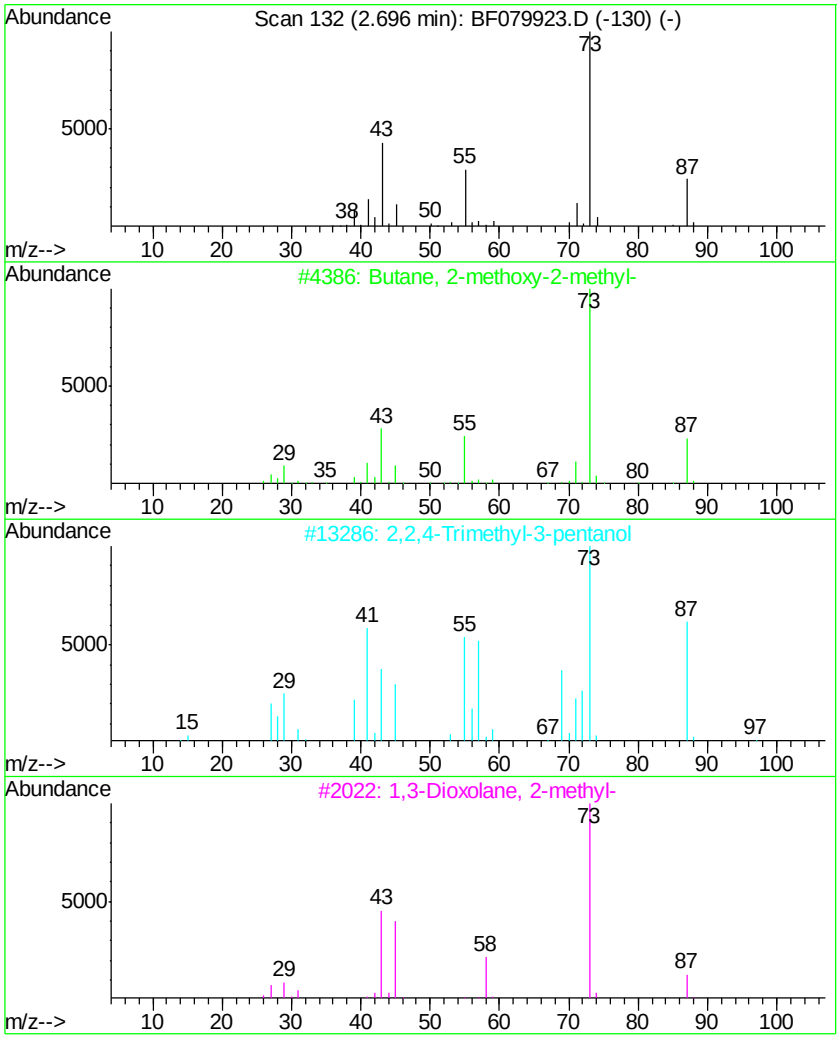
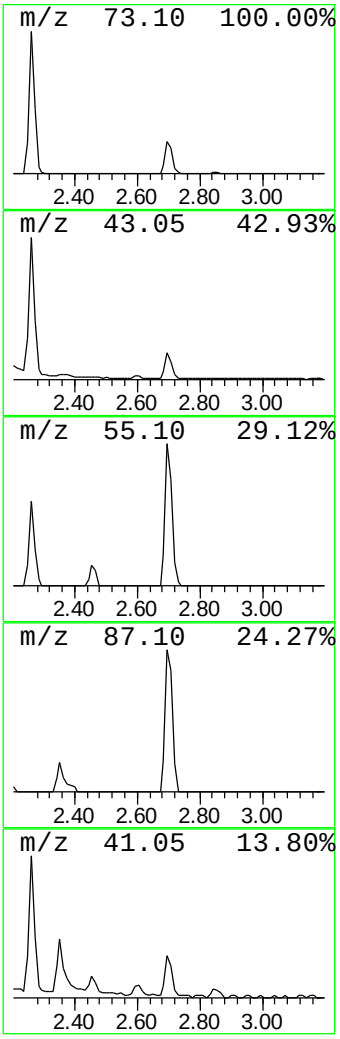
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.70	10.19 ng	175306	1,4-Dichlorobenzene-d4	7.39

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	38
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Data File : BF079923.D
Acq On : 12 Jun 2015 6:17
Operator : TP/IZ
Sample : G2573-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5

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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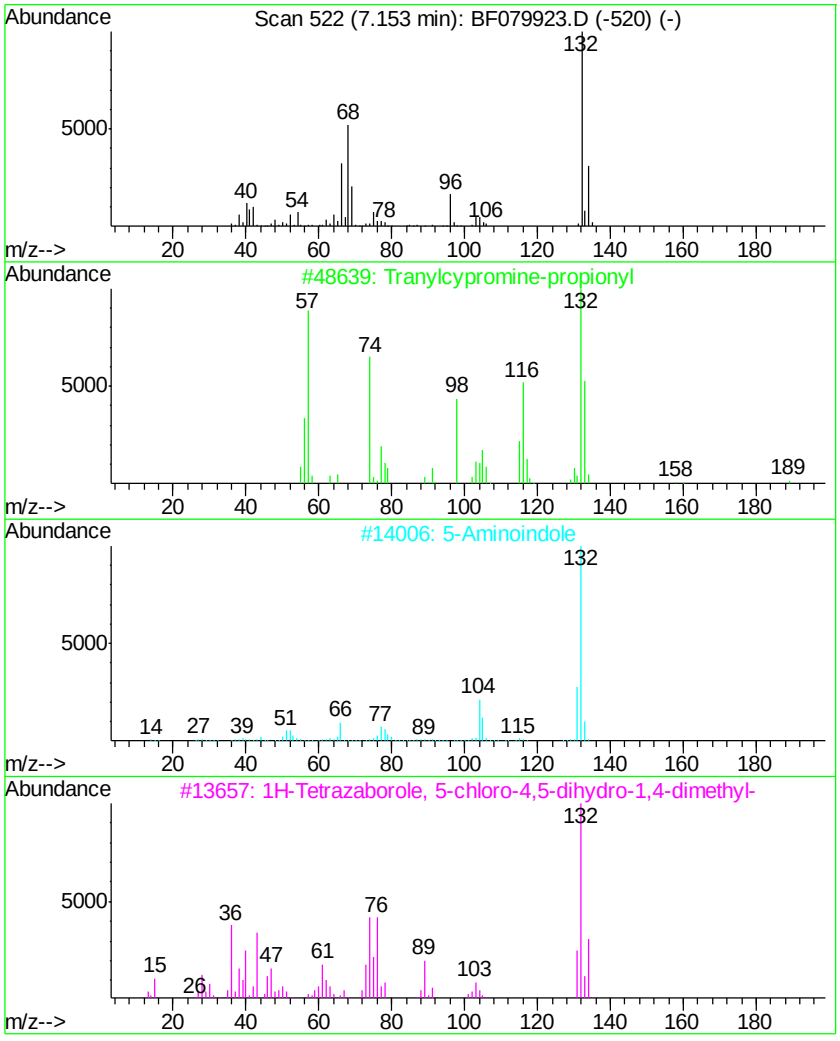
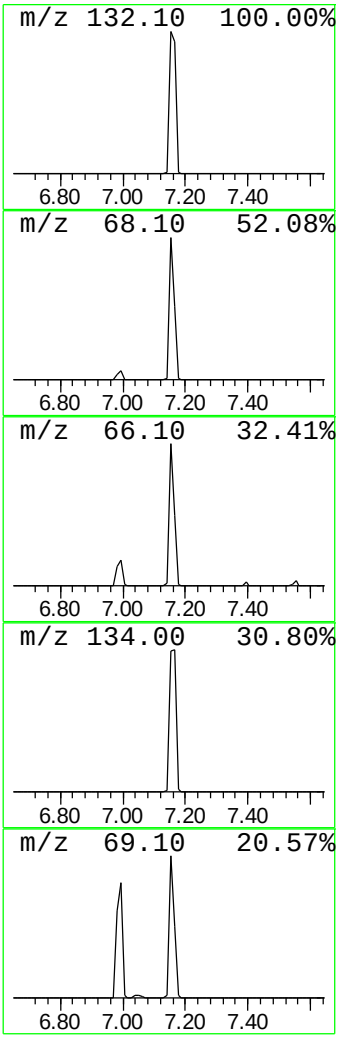
Peak Number 4 unknown7.15 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	41.39 ng	711727	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





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Data File : BF079923.D
Acq On : 12 Jun 2015 6:17
Operator : TP/IZ
Sample : G2573-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5

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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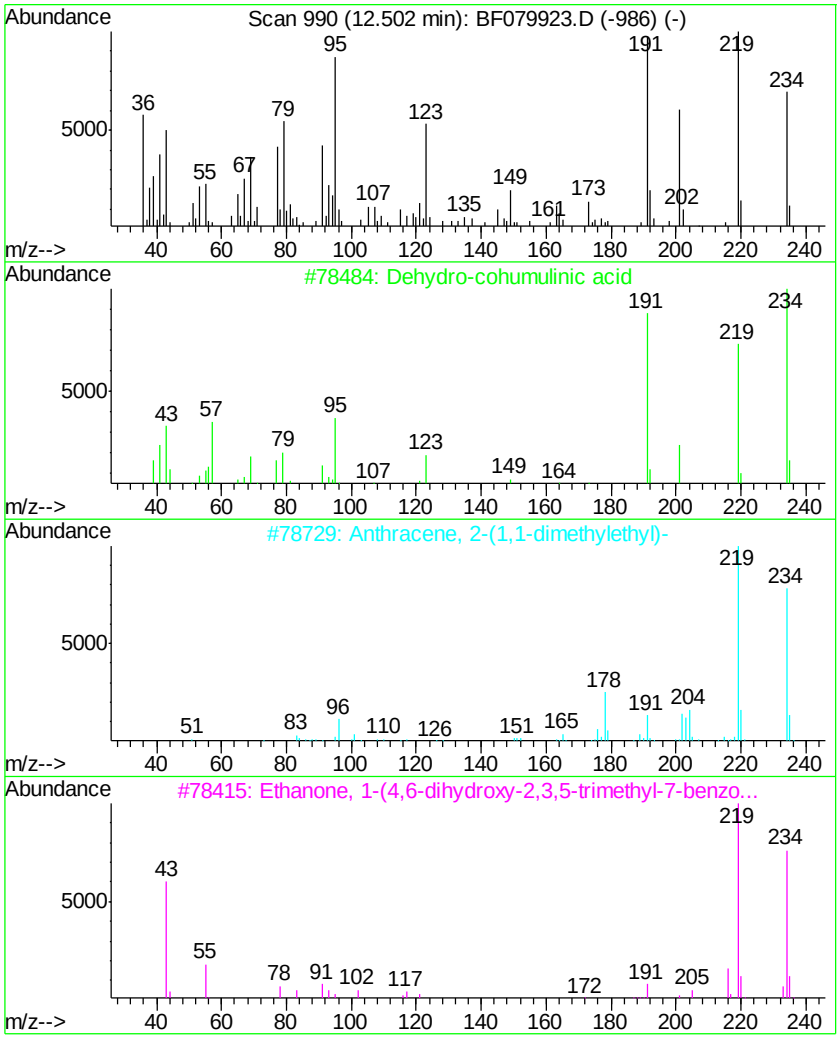
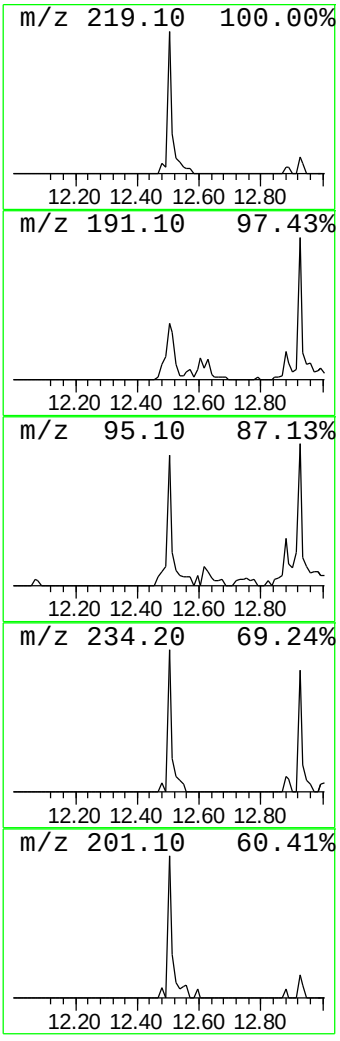
Peak Number 6 Dehydro-cohumulinic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	4.78 ng	193093	Phenanthrene-d10	11.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydro-cohumulinic acid	234	C14H18O3	1000041-27-1	95
2	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	38
3	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	25
4	Spiro(1,3-benzodioxole-2,1'-cycl...	234	C13H14O4	056011-74-6	22
5	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	22





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Data File : BF079923.D
Acq On : 12 Jun 2015 6:17
Operator : TP/IZ
Sample : G2573-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5

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

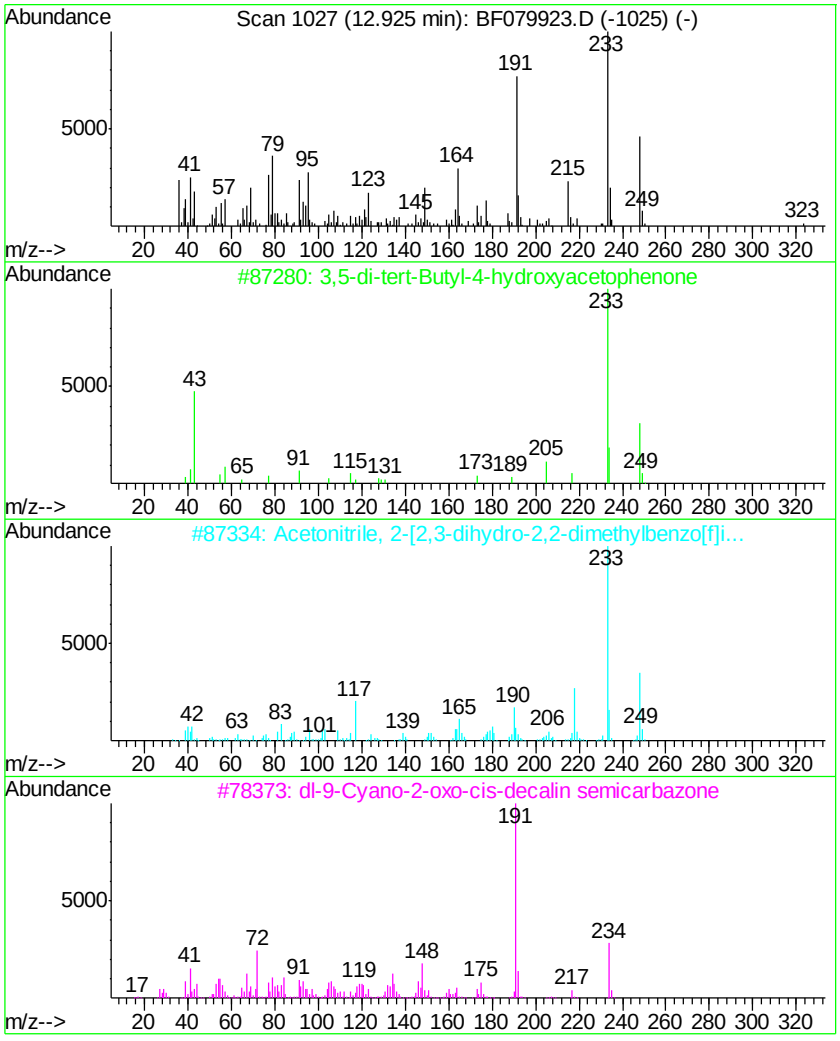
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

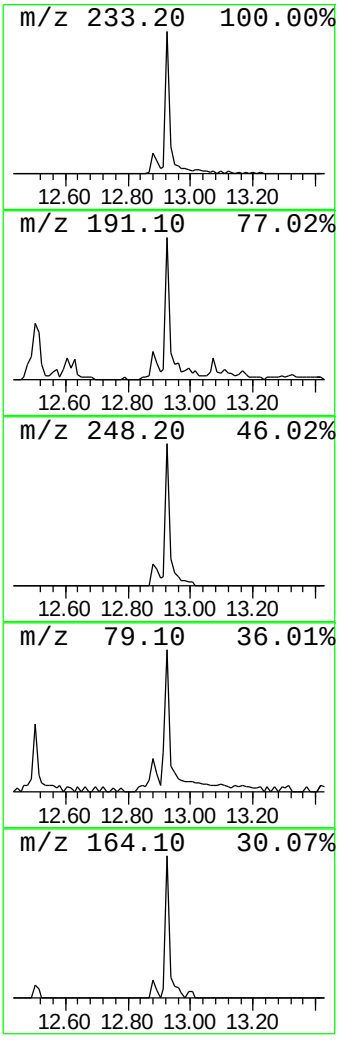
****

Peak Number 7 unknown12.93 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	6.23 ng	251598	Phenanthrene-d10	11.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxyaceto...	248	C16H24O2	014035-33-7	41
2	Acetonitrile, 2-[2,3-dihydro-2,2...	248	C17H16N2	144498-83-9	35
3	dl-9-Cyano-2-oxo-cis-decalin sem...	234	C12H18N4O	002740-39-8	22
4	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	22
5	Phenol, 2,6-bis(1,1-dimethylethy...	262	C18H30O	017540-75-9	22





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Sample : G2573-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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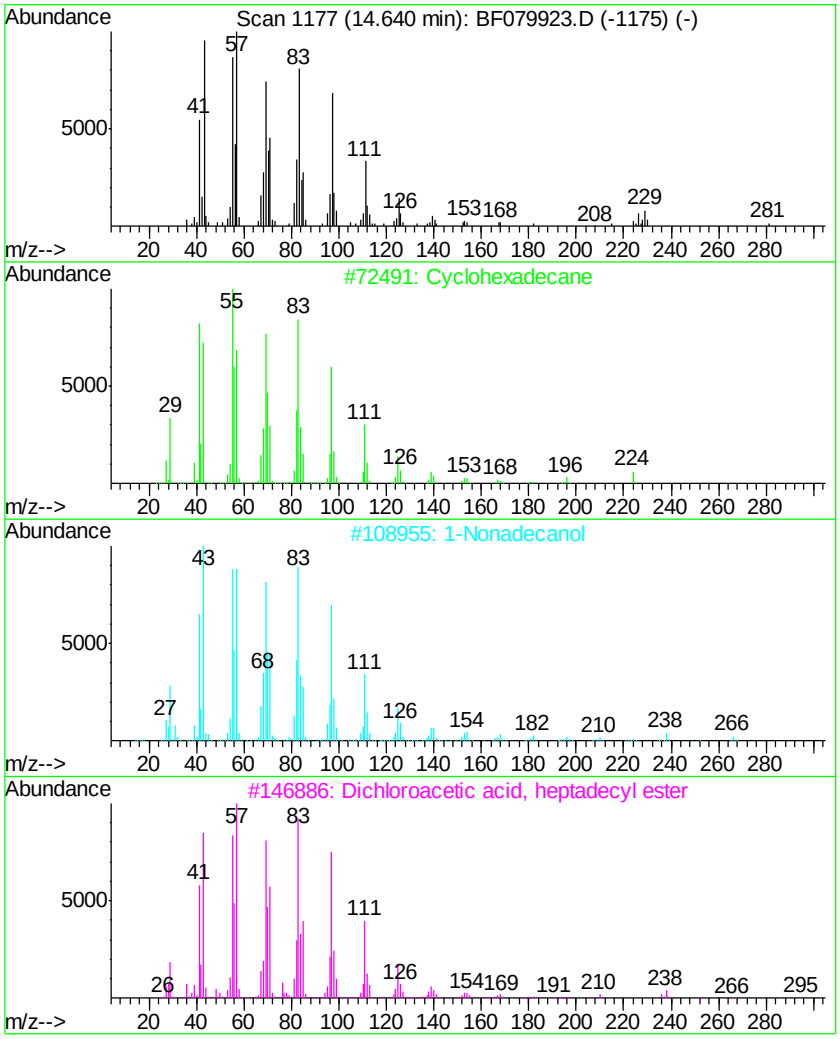
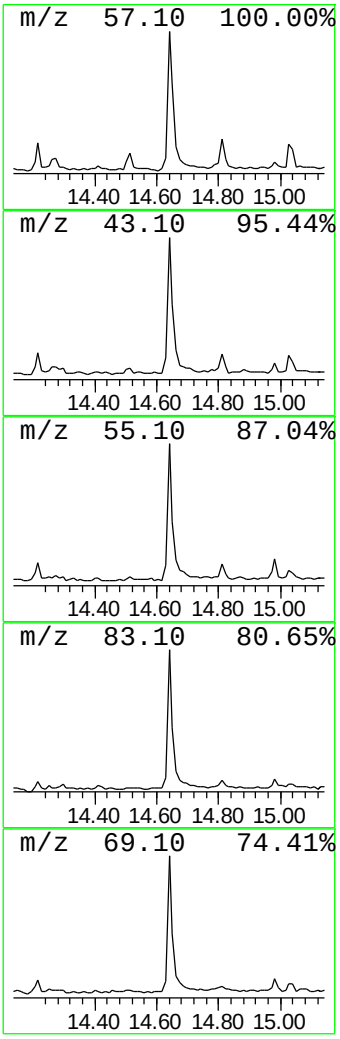
Peak Number 8 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	7.33 ng	342391	Chrysene-d12	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Nonadecanol	284	C19H40O	001454-84-8	95
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





Tentatively Identified Compound (LSC) summary

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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
Propane, 2,2-dime...	2.26	30.8	ng	529410	1	7.39	343911	20.0
Butane, 2-methoxy...	2.70	10.2	ng	175306	1	7.39	343911	20.0
unknown7.15	7.15	41.4	ng	711727	1	7.39	343911	20.0
Dehydro-cohumulin...	12.50	4.8	ng	193093	4	11.97	807664	20.0
unknown12.93	12.93	6.2	ng	251598	4	11.97	807664	20.0
Cyclohexadecane	14.64	7.3	ng	342391	5	14.87	934219	20.0