LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080800.D
Acq On : 2 Aug 2015 1:12
Operator : TP/UM
Sample : G3127-19
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EAST-ABUT-1(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-BF073015.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	2.190	5	9	11	rBV	98427	155710	2.20%	0.257%
2	3.253	100	102	116	rBV	52831	159462	2.25%	0.263%
3	4.407	201	203	206	rVB	224478	265611	3.76%	0.439%
4	5.070	256	261	263	rBV	3107196	5950783	84.15%	9.828%
5	5.470	293	296	298	rBV	5521609	6038503	85.39%	9.973%
6	5.870	329	331	334	rVB	203547	216834	3.07%	0.358%
7	6.487	382	385	388	rBV	4598645	6728228	95.14%	11.112%
8	6.624	394	397	399	rBV	6084564	6100118	86.26%	10.075%
9	6.853	415	417	419	rBV	1568503	1300742	18.39%	2.148%
10	7.013	428	431	433	rBV	5275766	4976942	70.38%	8.220%
11	7.425	463	467	469	rBV	2988637	4667590	66.00%	7.709%
12	8.133	527	529	531	rBV	1768805	1592315	22.52%	2.630%
13	9.219	621	624	626	rBV	6331175	7071614	100.00%	11.679%
14	9.608	655	658	660	rBV	1152776	975308	13.79%	1.611%
15	9.893	680	683	685	rBV	1280781	1706629	24.13%	2.819%
16	10.179	704	708	711	rBV2	55248	86499	1.22%	0.143%
17	10.328	719	721	722	rVB	89232	83430	1.18%	0.138%
18	10.671	748	751	754	rBV2	3139792	3592344	50.80%	5.933%
19	10.796	760	762	766	rVB	163782	185525	2.62%	0.306%
20	11.242	799	801	802	rBV	156512	128454	1.82%	0.212%
21	11.368	810	812	814	rBV	1797152	1520093	21.50%	2.511%
22	11.665	836	838	840	rBV	89043	81039	1.15%	0.134%
23	11.894	856	858	860	rBV2	247101	330436	4.67%	0.546%
24	12.156	878	881	883	rBV	302990	287536	4.07%	0.475%
25	12.774	934	935	937	rBV	77312	95240	1.35%	0.157%
26	12.957	948	951	953	rBV	3444024	3994576	56.49%	6.597%
27	13.482	995	997	999	rBV	84340	80720	1.14%	0.133%
28	13.997	1039	1042	1044	rBV	1112083	1186237	16.77%	1.959%
29	15.414	1163	1166	1169	rBV	824230	990291	14.00%	1.636%

Sum of corrected areas: 60548809

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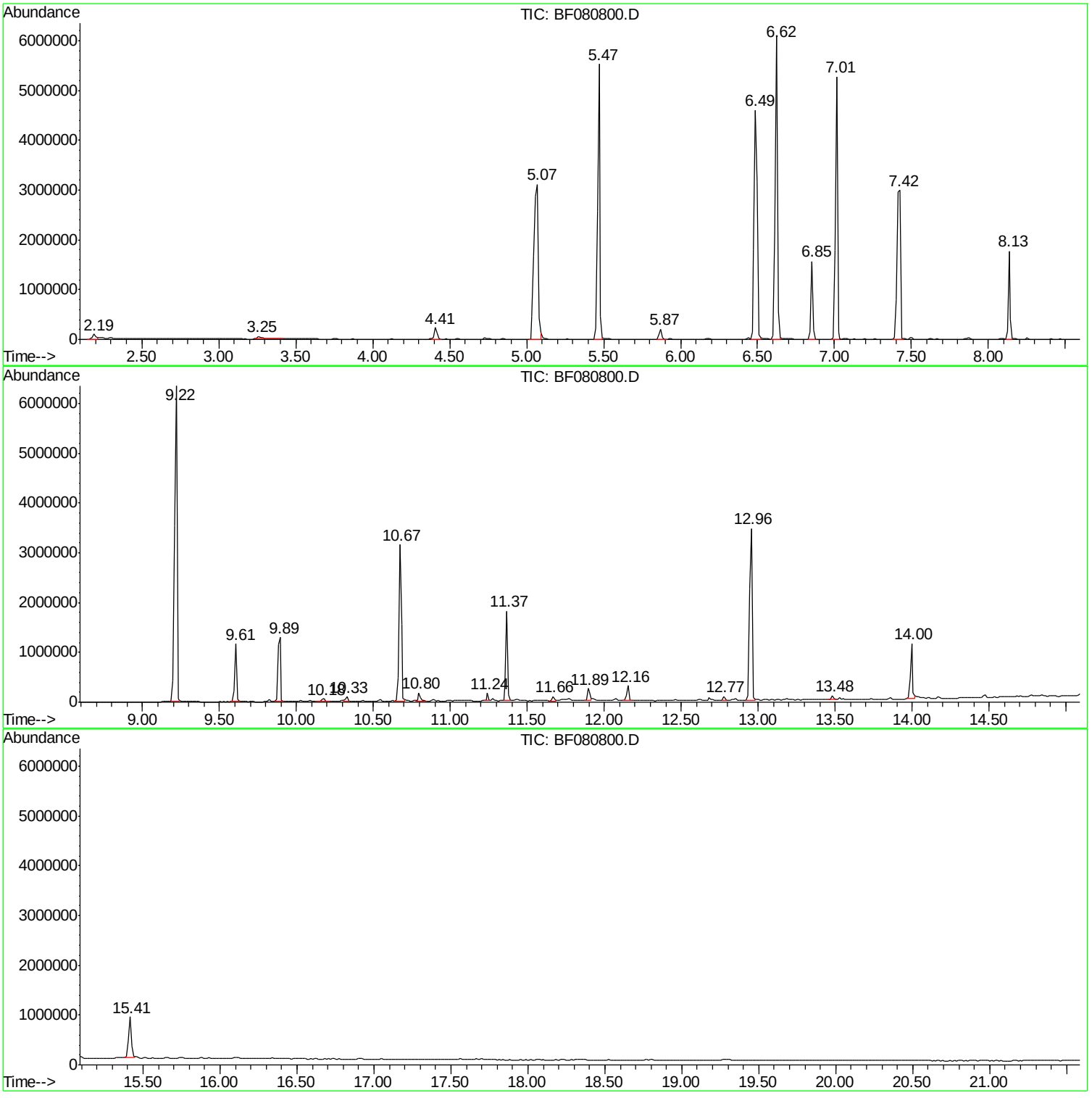
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EAST-ABUT-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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TIC Integration Parameters: LSCINT.P

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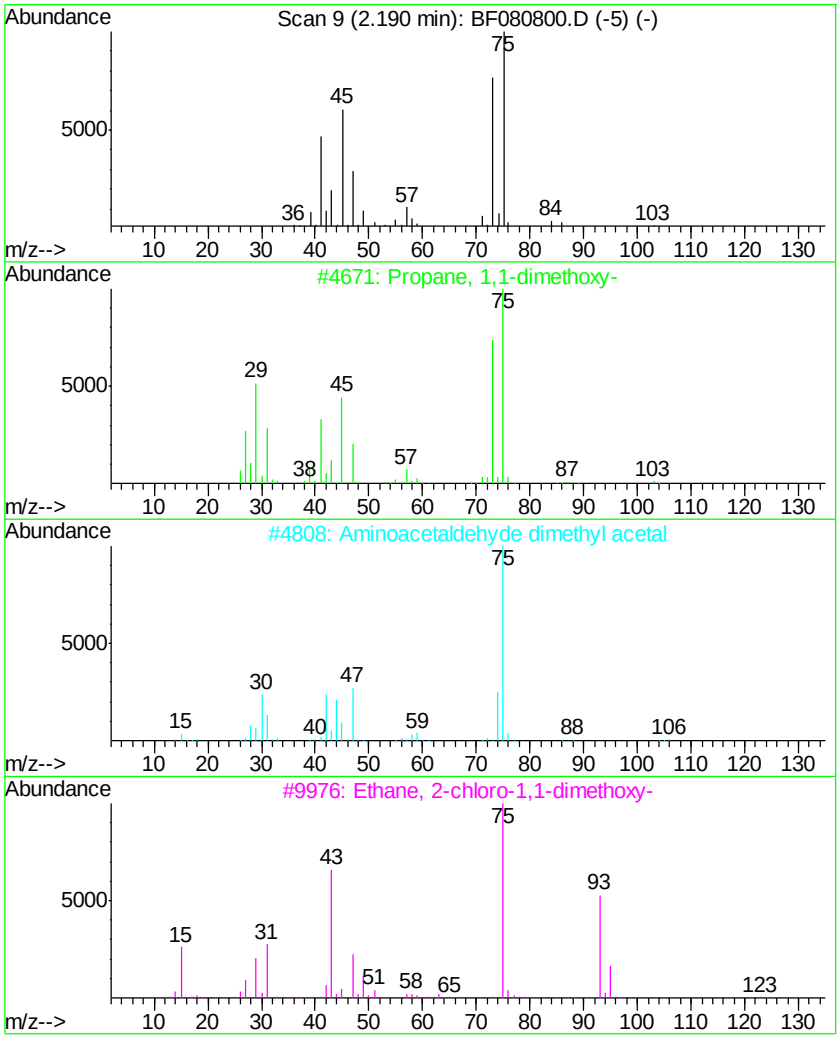
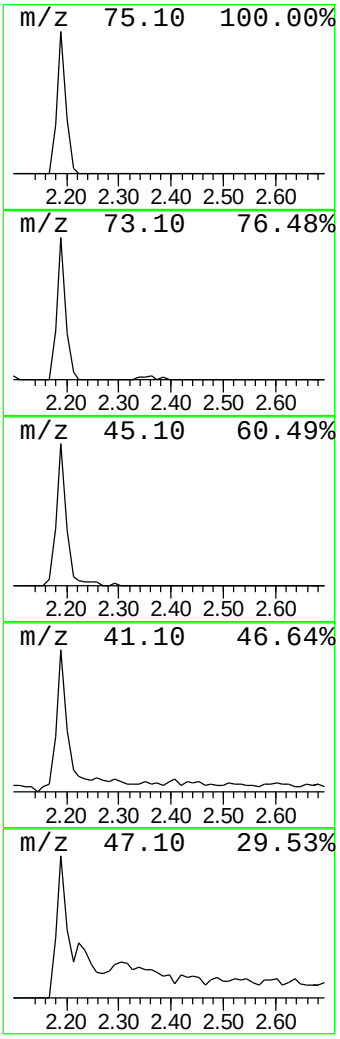
Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	2.39 ng	155710	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	37
3	Ethane, 2-chloro-1,1-dimethoxy-	124	C4H9ClO2	000097-97-2	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, diethylmethyl-	102	C5H14Si	000760-32-7	10





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Data File : BF080800.D
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Operator : TP/UM
Sample : G3127-19
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EAST-ABUT-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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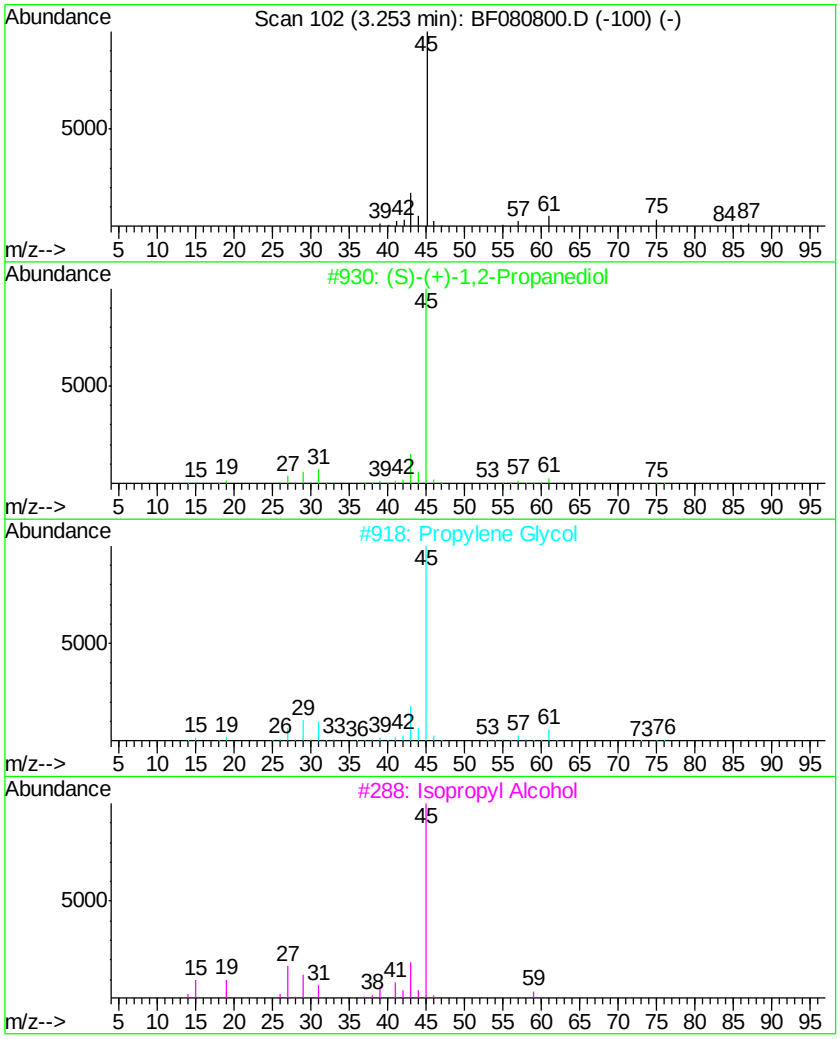
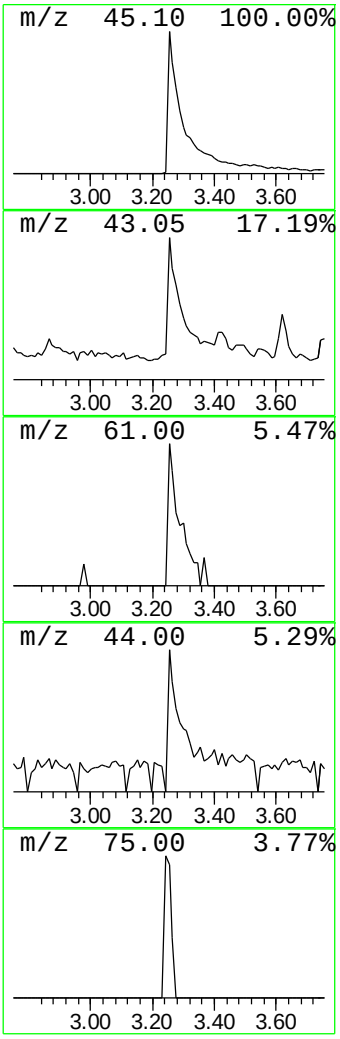
Peak Number 2 unknown3.25 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	2.45 ng	159462	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
2	Propylene Glycol	76	C3H8O2	000057-55-6	40
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Butanenitrile, 2-(methoxymethoxy)	129	C6H11NO2	1000196-86-5	9
5	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9





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Operator : TP/UM
Sample : G3127-19
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EAST-ABUT-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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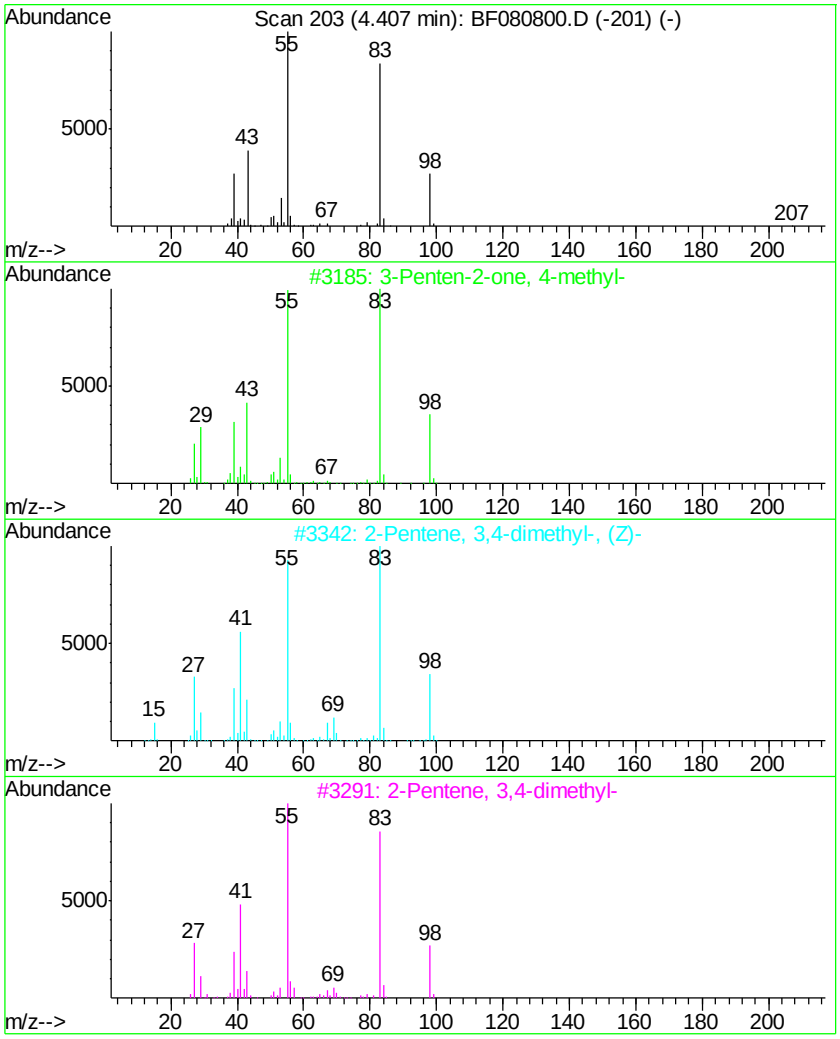
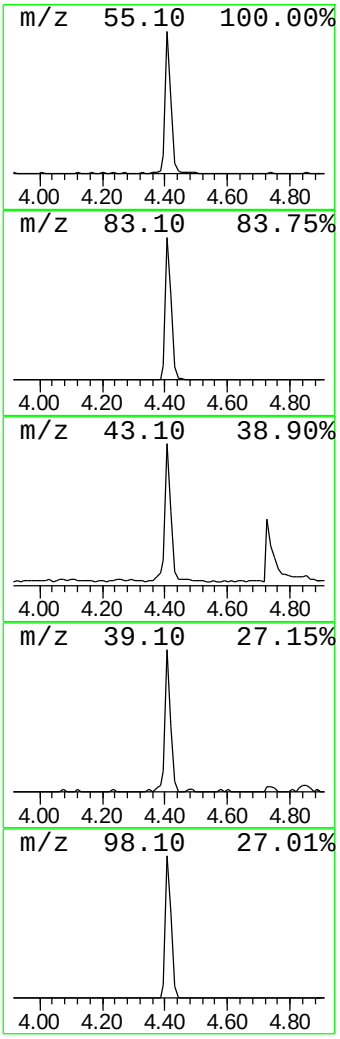
Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	4.08 ng	265611	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	80
3	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	72
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	64
5	3-Hexen-2-one	98	C6H10O	000763-93-9	64





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Operator : TP/UM
Sample : G3127-19
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EAST-ABUT-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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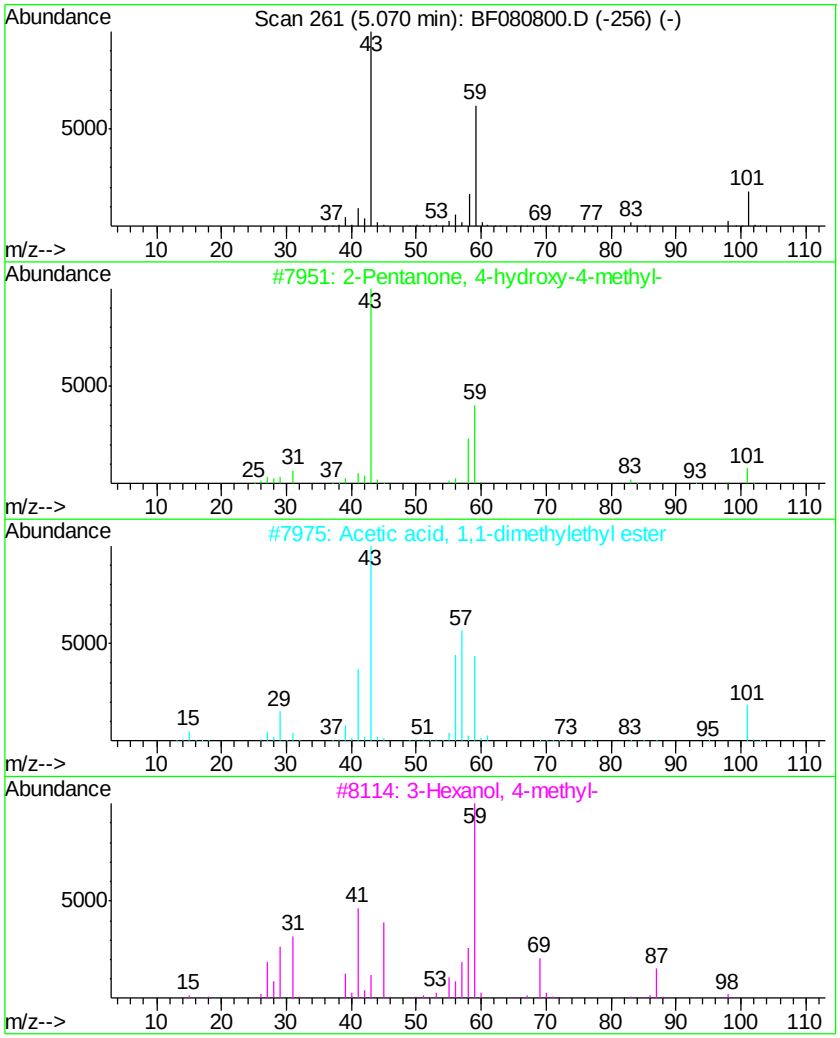
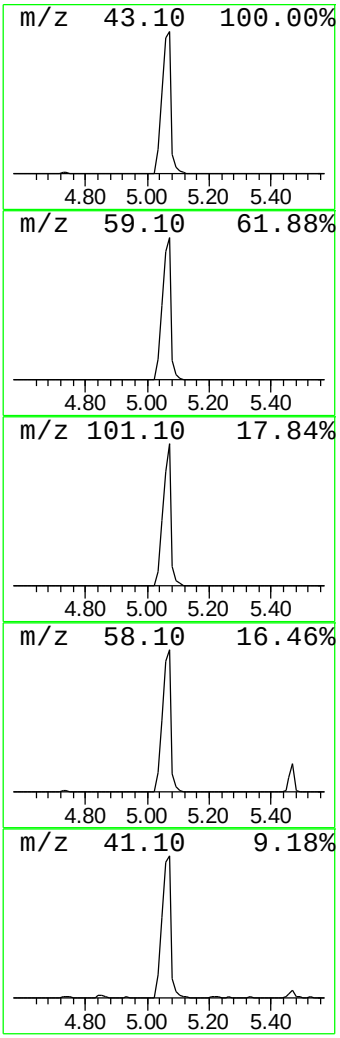
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	91.50 ng	5950780	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
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	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33





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Operator : TP/UM
Sample : G3127-19
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EAST-ABUT-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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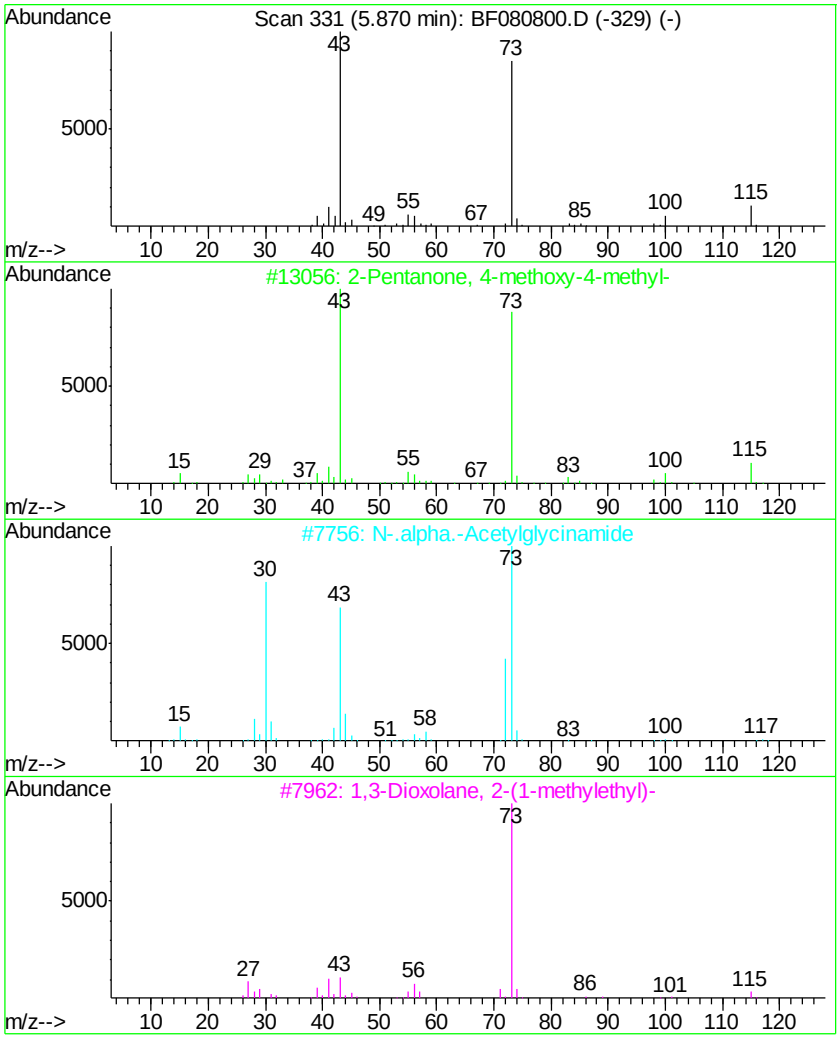
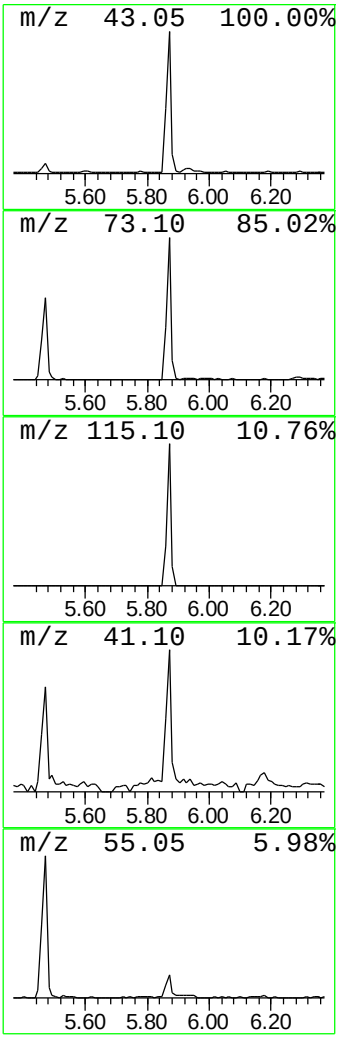
Peak Number 5 2-Pentanone, 4-methoxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	3.33 ng	216834	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	38
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	16
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	12
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	10





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Instrument : BNA_F
ClientSampleId : EAST-ABUT-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
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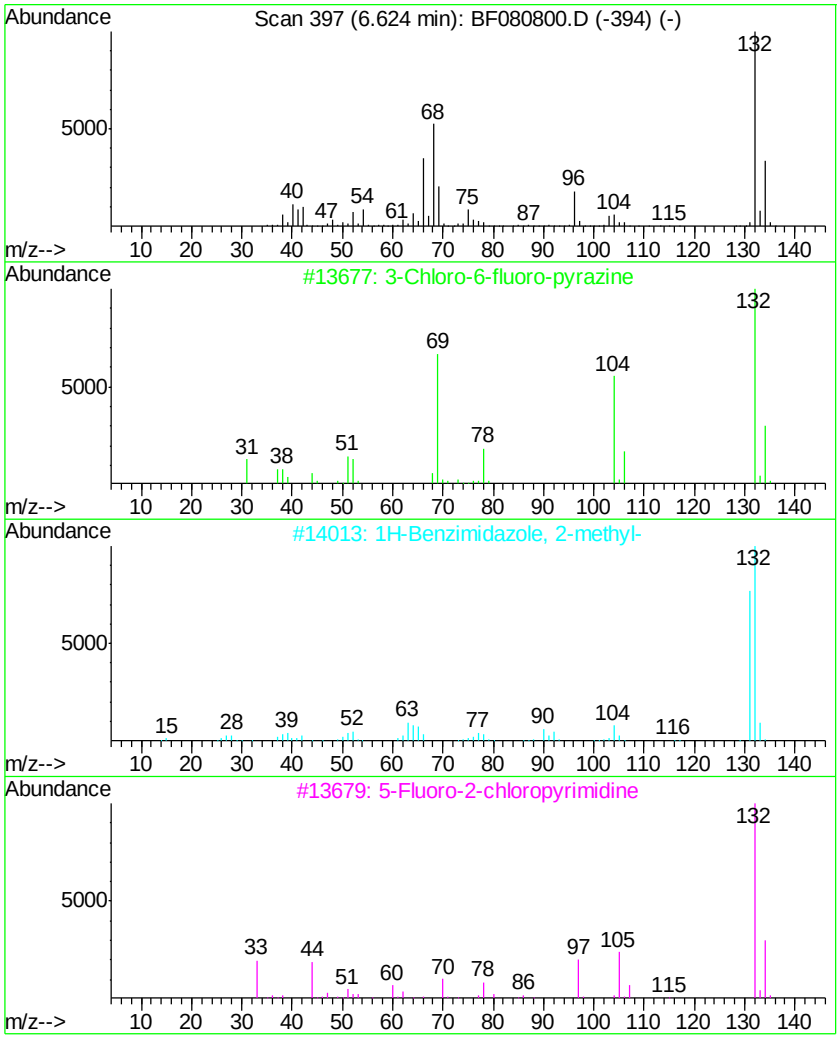
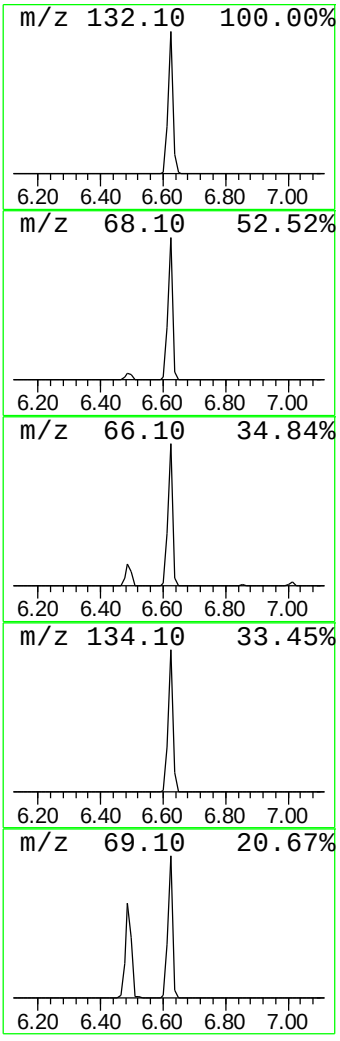
Peak Number 6 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	93.79 ng	6100120	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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ClientSampleId : EAST-ABUT-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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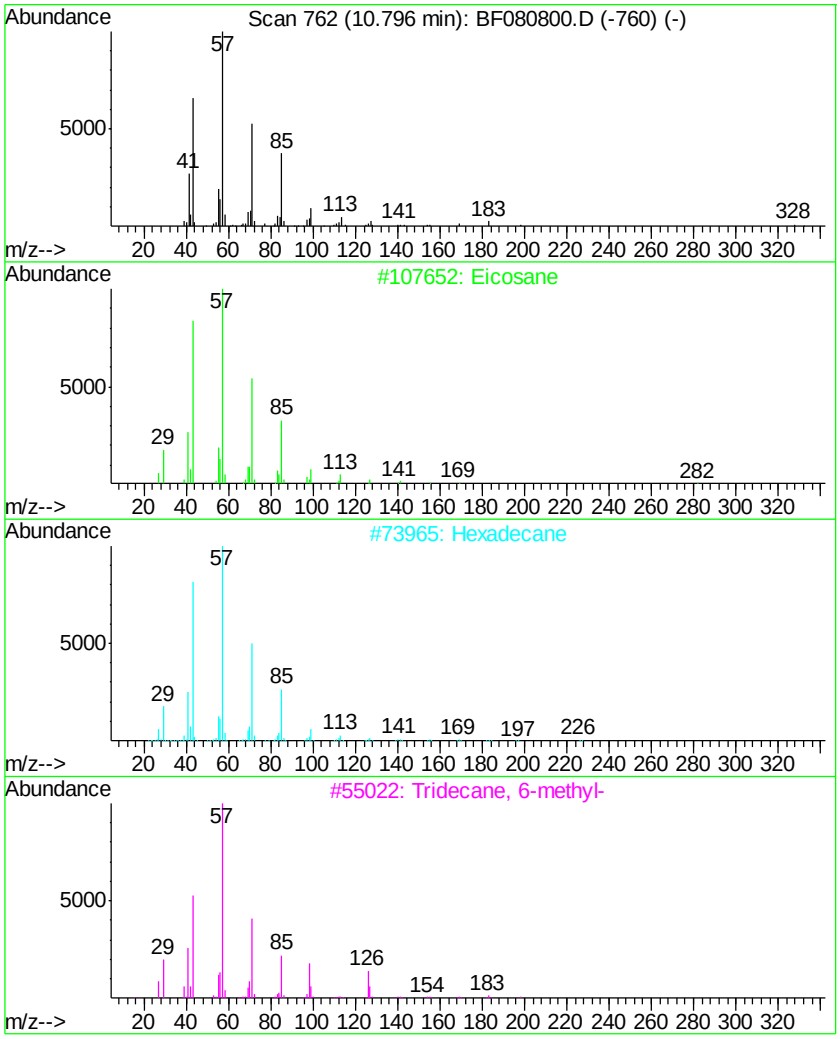
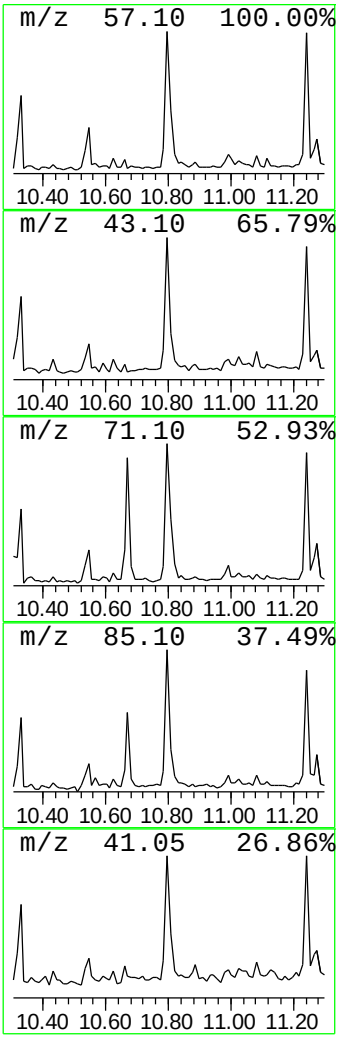
Peak Number 8 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.44 ng	185525	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	83
4	Pentadecane	212	C15H32	000629-62-9	80
5	Heptacosane	380	C27H56	000593-49-7	80





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TIC Library : C:\DATABASE\NIST02.L
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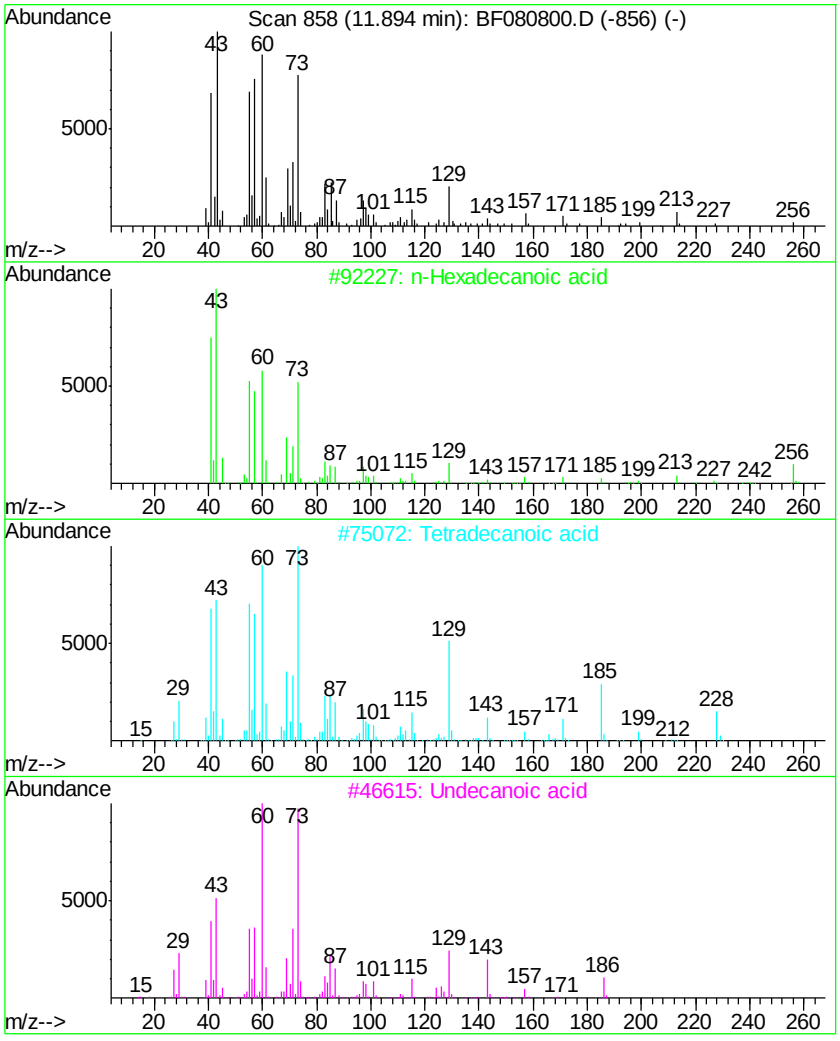
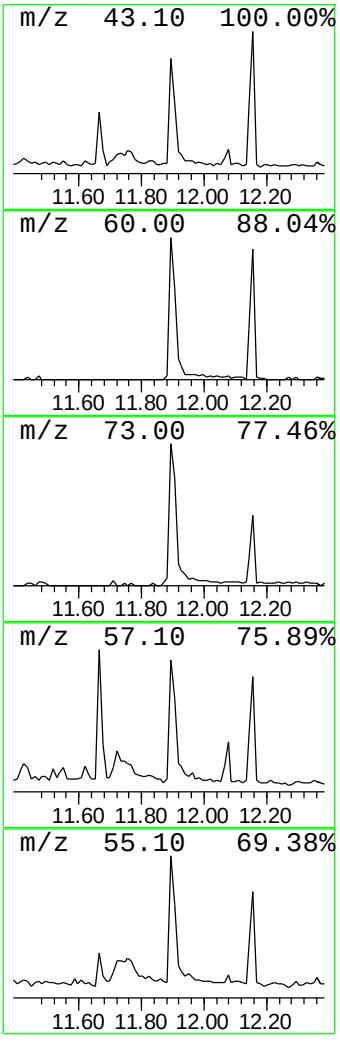
Peak Number 9 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.35 ng	330436	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Undecanoic acid	186	C11H22O2	000112-37-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Tentatively Identified Compound (LSC) summary

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Operator : TP/UM
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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
Propane, 1,1-dime...	2.19	2.4	ng	155710	1	6.85	1300740	20.0
unknown3.25	3.25	2.5	ng	159462	1	6.85	1300740	20.0
3-Penten-2-one, 4...	4.41	4.1	ng	265611	1	6.85	1300740	20.0
2-Pentanone, 4-hy...	5.07	91.5	ng	5950780	1	6.85	1300740	20.0
2-Pentanone, 4-me...	5.87	3.3	ng	216834	1	6.85	1300740	20.0
unknown6.62	6.62	93.8	ng	6100120	1	6.85	1300740	20.0
Eicosane	10.80	2.4	ng	185525	4	11.37	1520090	20.0
n-Hexadecanoic acid	11.89	4.3	ng	330436	4	11.37	1520090	20.0