LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081389.D
Acq On : 3 Sep 2015 21:51
Operator : UM/IZ
Sample : G3511-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(8-9)

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-BF090115.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	3.553	170	172	178	rBB	8723	19343	1.07%	0.119%
2	4.421	244	248	257	rVB	566283	1092772	60.28%	6.723%
3	4.924	289	292	294	rBV	1393204	1655549	91.33%	10.186%
4	5.347	327	329	334	rBB	20744	19805	1.09%	0.122%
5	6.045	387	390	392	rBV	1282524	1750454	96.56%	10.770%
6	6.136	396	398	400	rBV	1808677	1585400	87.46%	9.754%
7	6.365	416	418	421	rVB	416686	353908	19.52%	2.177%
8	6.525	429	432	434	rBV	1379246	1250976	69.01%	7.697%
9	6.947	466	469	471	rBV	1054758	1155258	63.73%	7.108%
10	7.656	528	531	533	rBV	523438	449627	24.80%	2.766%
11	8.742	623	626	628	rBV	2019897	1812738	100.00%	11.153%
12	9.142	659	661	664	rBV	302815	280998	15.50%	1.729%
13	9.393	681	683	686	rVB	427993	468364	25.84%	2.882%
14	10.182	749	752	754	rBV	1129922	1053538	58.12%	6.482%
15	10.331	763	765	770	rVB	21395	26141	1.44%	0.161%
16	10.868	809	812	814	rBV	389044	487637	26.90%	3.000%
17	11.131	833	835	840	rBV	56514	81324	4.49%	0.500%
18	11.439	860	862	866	rBV	92555	99550	5.49%	0.613%
19	11.942	904	906	914	rBV	201297	279341	15.41%	1.719%
20	12.445	948	950	953	rBV	1285865	1482017	81.76%	9.118%
21	13.371	1028	1031	1037	rBV	53231	98550	5.44%	0.606%
22	13.474	1037	1040	1041	rBV	304213	390073	21.52%	2.400%
23	14.342	1114	1116	1119	rBV	119958	105999	5.85%	0.652%
24	14.777	1151	1154	1157	rBV	259087	253695	14.00%	1.561%

Sum of corrected areas: 16253057

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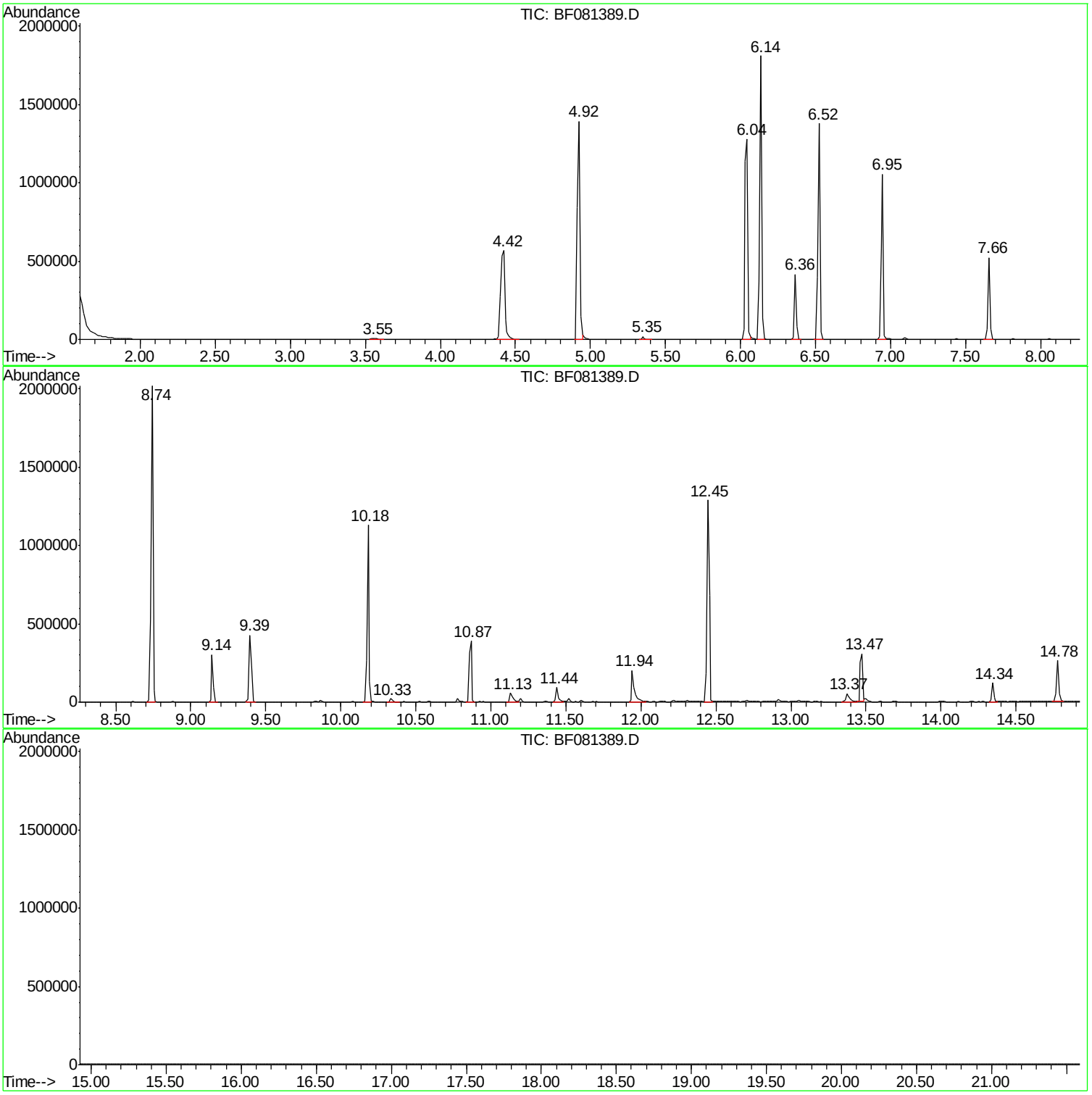
Instrument :
BNA_F
ClientSampleId :
SB-01(8-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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 Library : C:\DATABASE\NIST02.L
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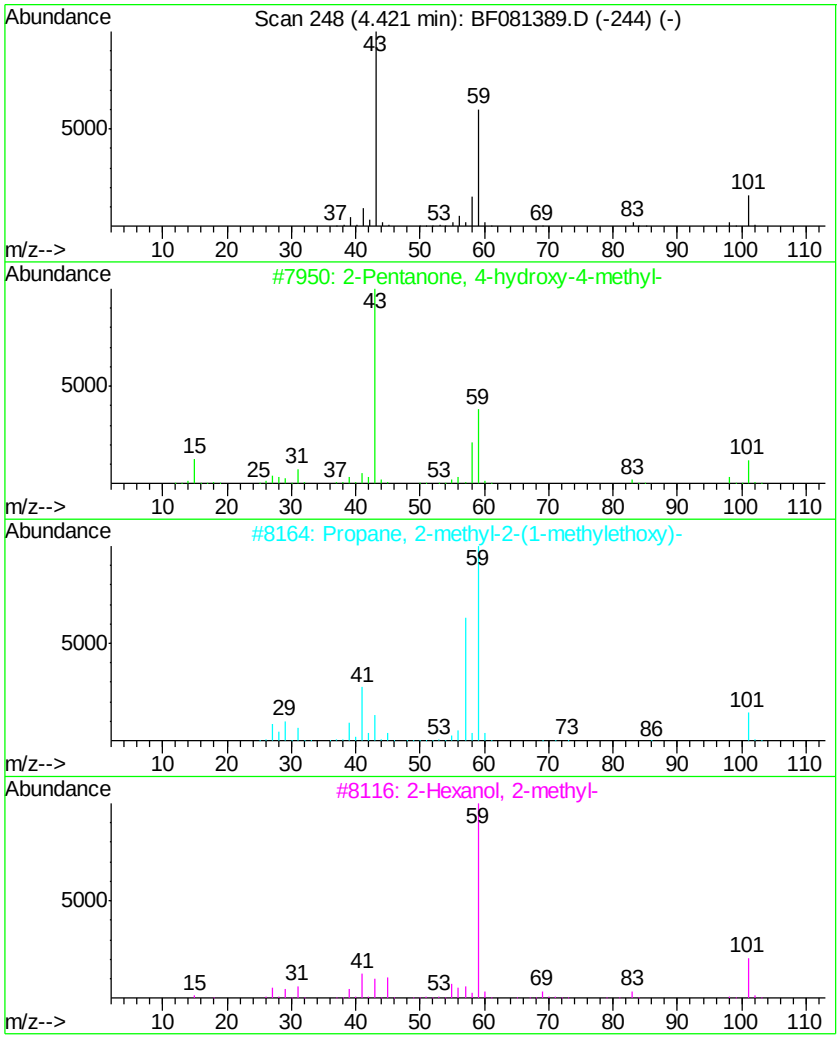
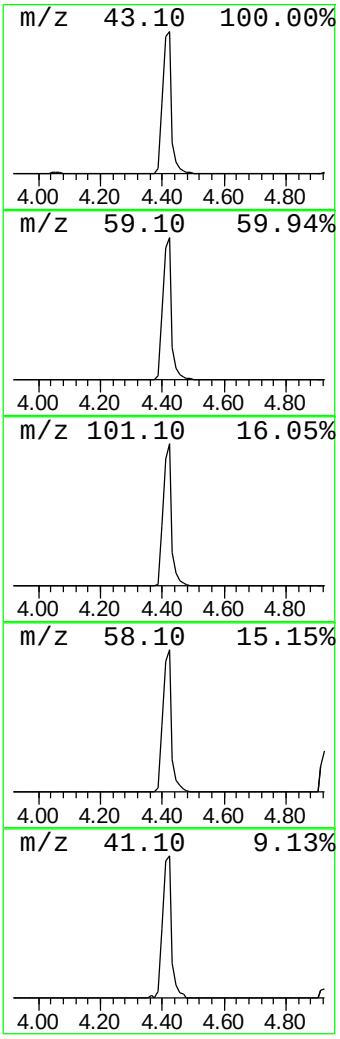
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	61.75 ng	1092770	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	3-Octanol	130	C8H18O	000589-98-0	33





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Operator : UM/IZ
Sample : G3511-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(8-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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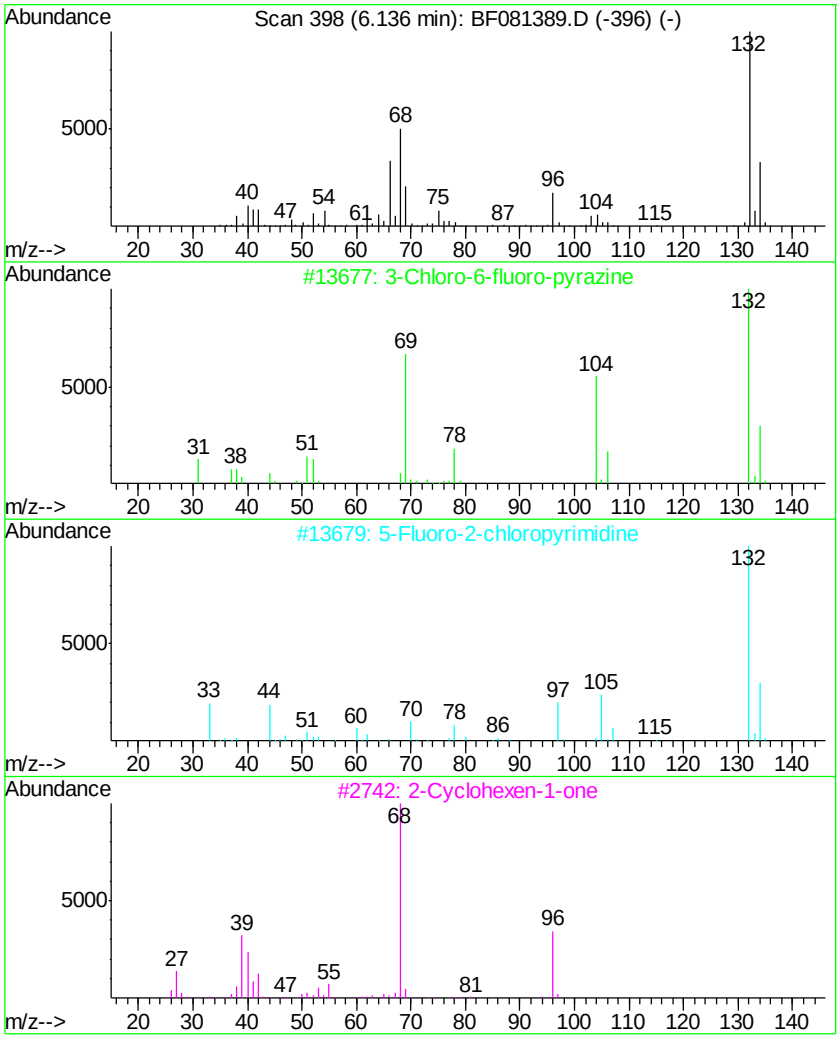
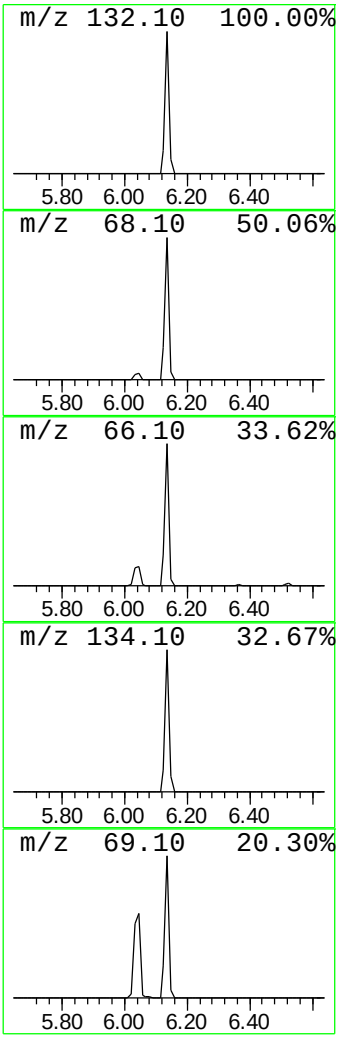
Peak Number 2 unknown6.14 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	89.59 ng	1585400	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Operator : UM/IZ
Sample : G3511-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(8-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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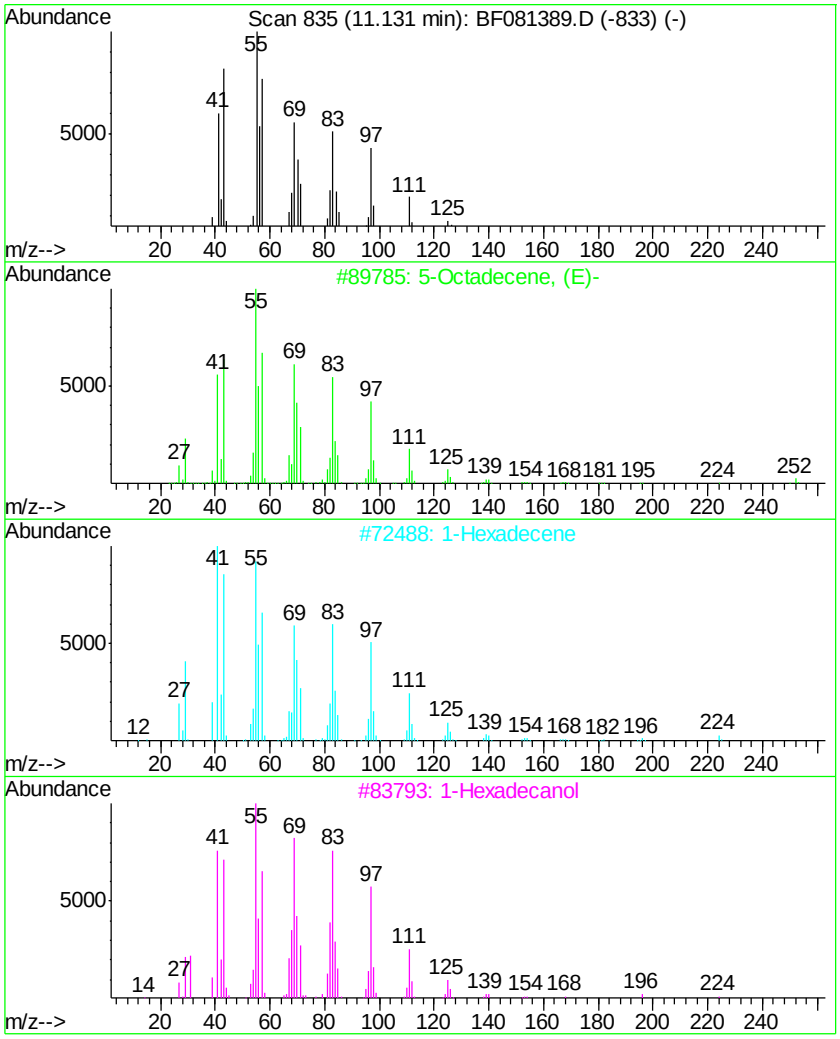
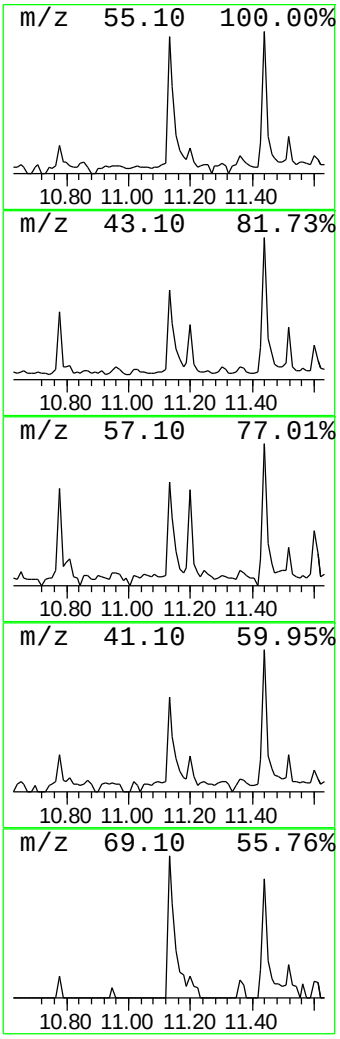
Peak Number 4 5-Octadecene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	3.34 ng	81324	Phenanthrene-d10	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
2	1-Hexadecene	224	C16H32	000629-73-2	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	83
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	83
5	Cyclotetradecane	196	C14H28	000295-17-0	83





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Acq On : 3 Sep 2015 21:51
Operator : UM/IZ
Sample : G3511-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(8-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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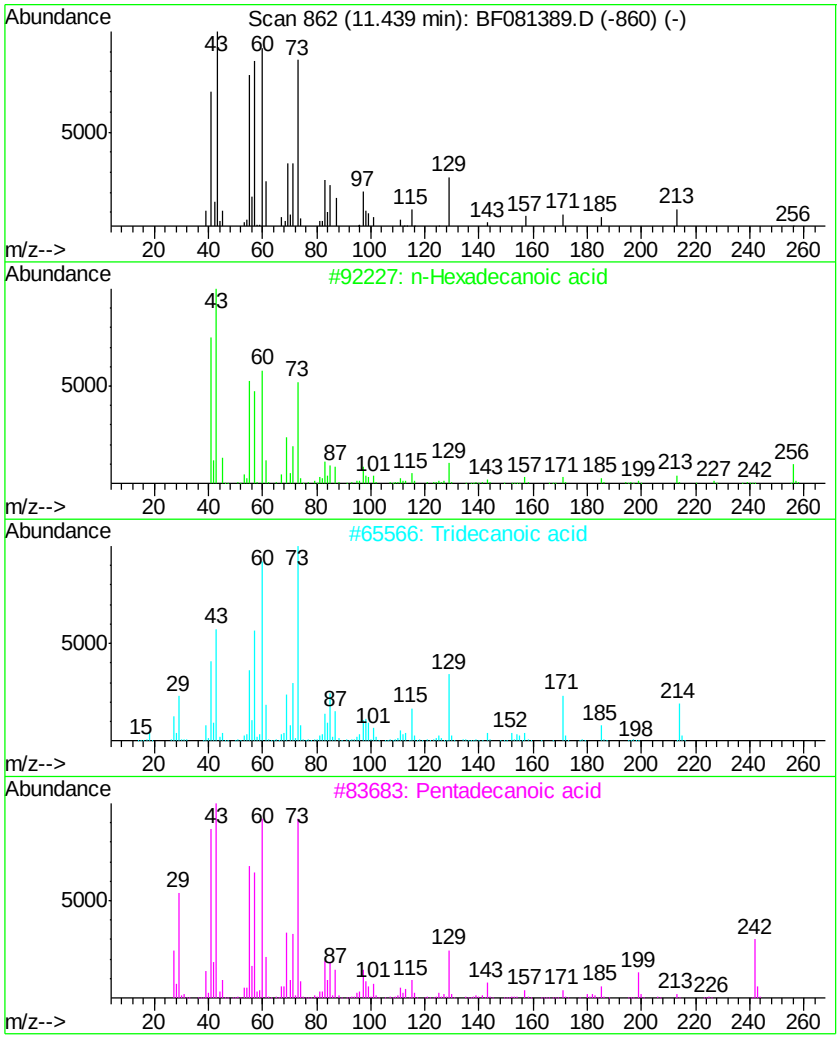
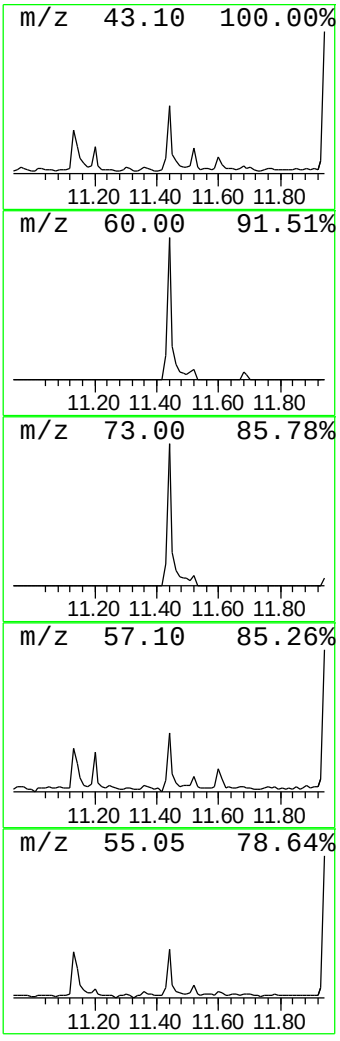
Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	4.08 ng	99550	Phenanthrene-d10	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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Operator : UM/IZ
Sample : G3511-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(8-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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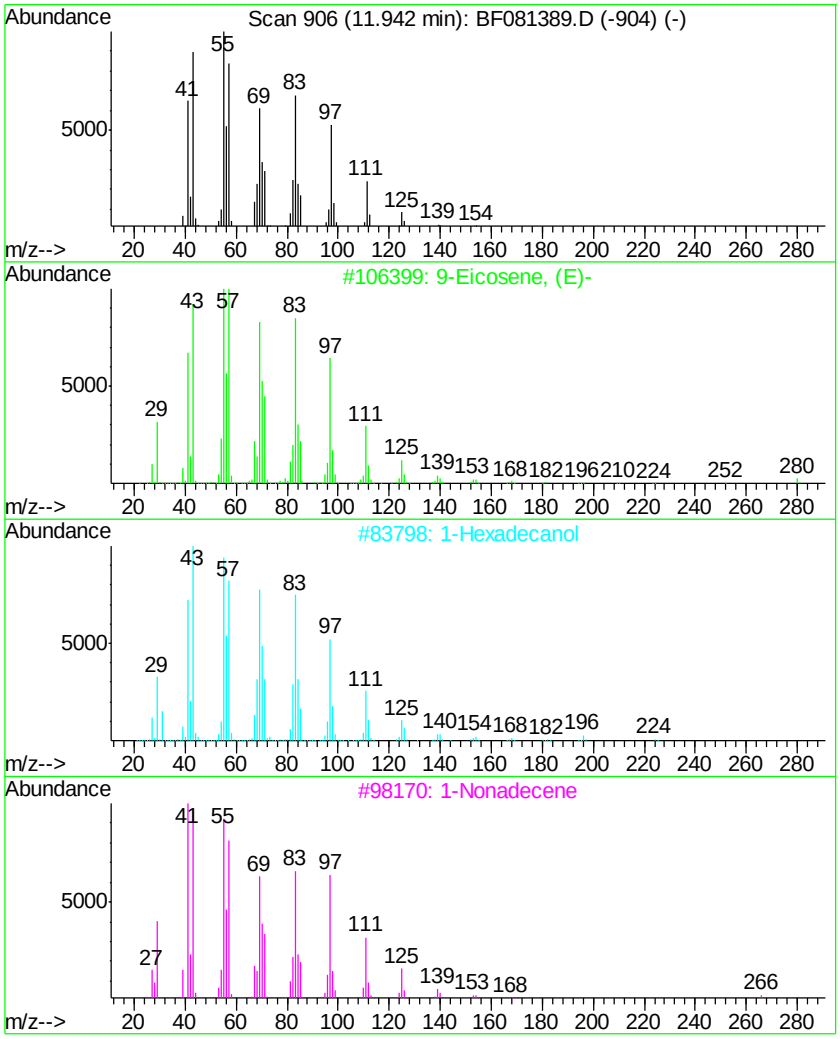
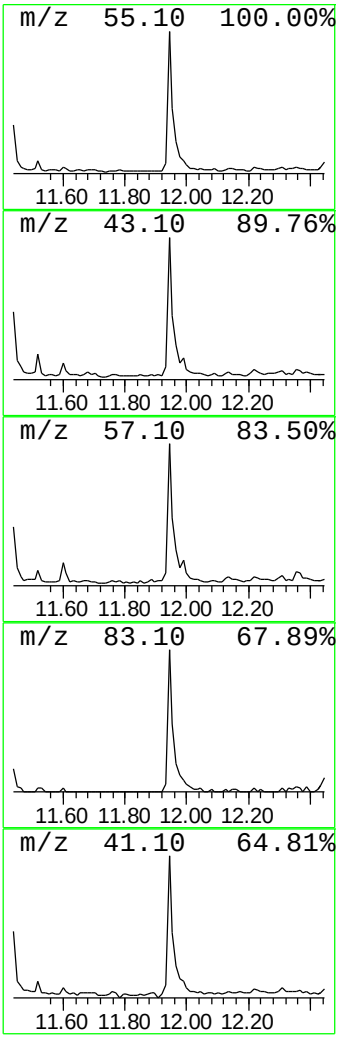
Peak Number 6 9-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	11.46 ng	279341	Phenanthrene-d10	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	90





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-01(8-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
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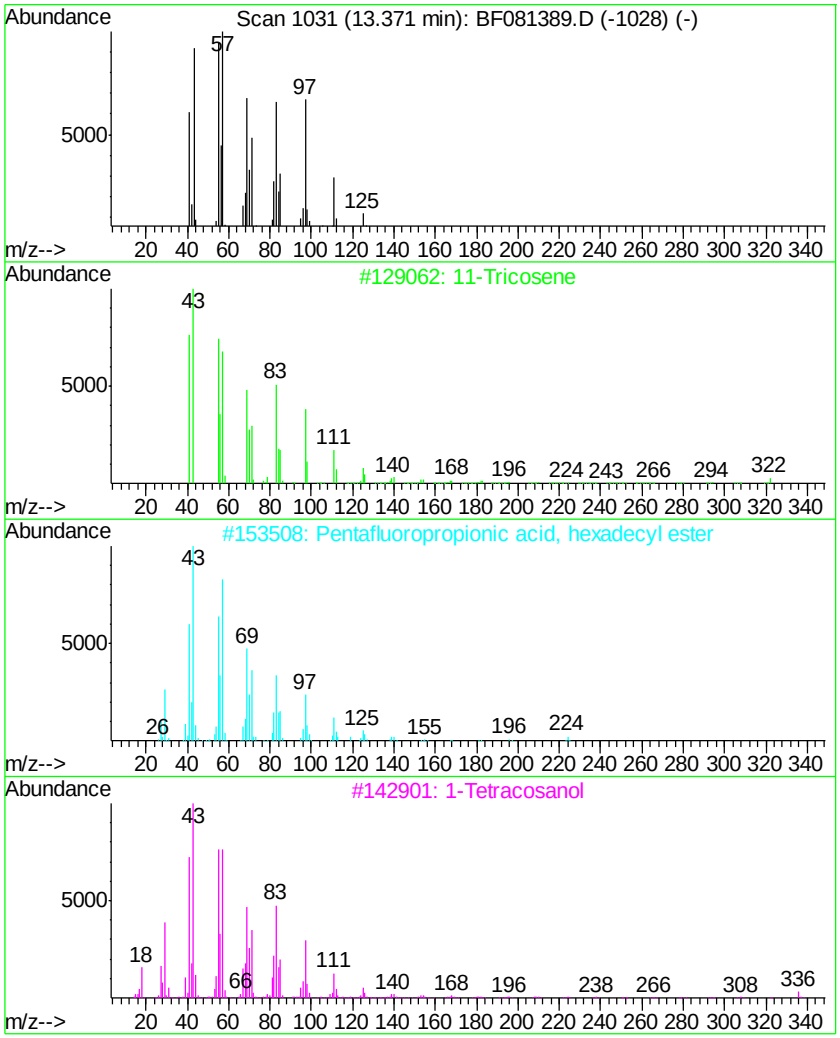
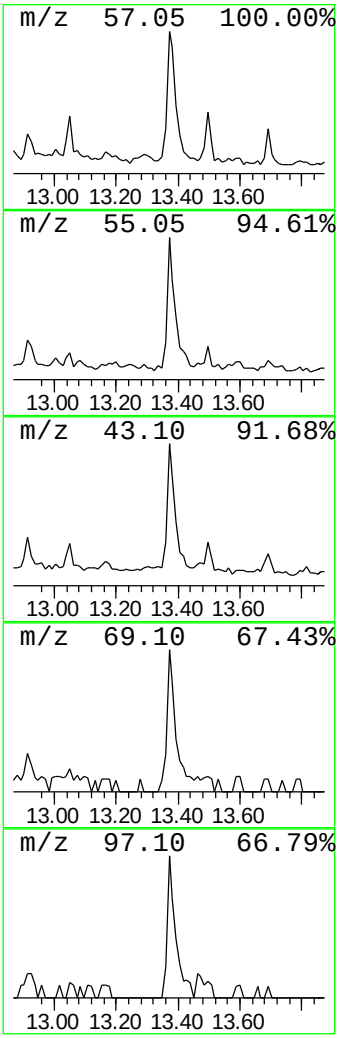
Peak Number 7 11-Tricosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	5.05 ng	98550	Chrysene-d12	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	91
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
3	1-Tetracosanol	354	C24H50O	000506-51-4	87
4	1-Hexacosanol	382	C26H54O	000506-52-5	83
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	83





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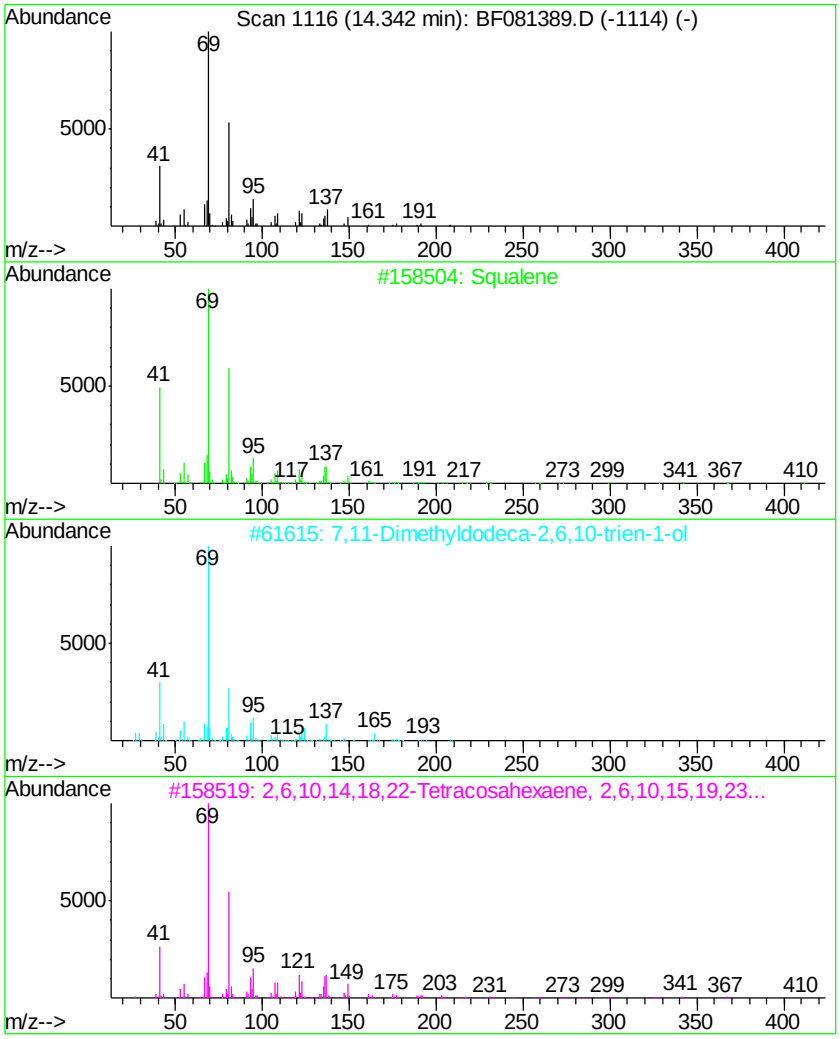
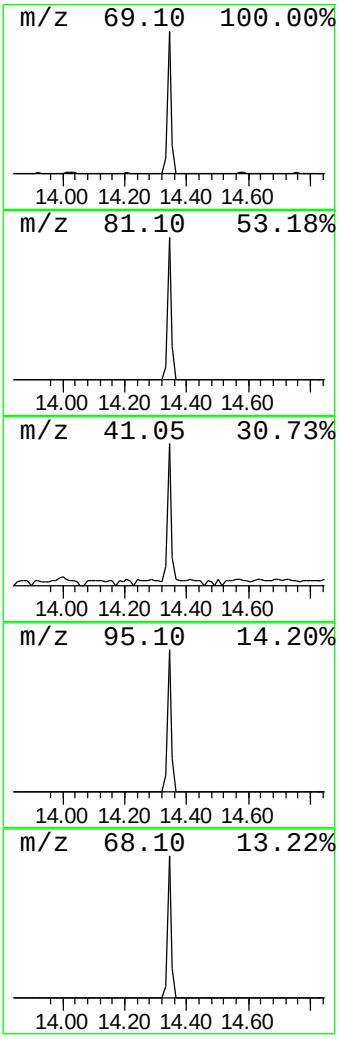
Peak Number 8 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	8.36 ng	105999	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	90
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
4	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	78
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.42	61.8	ng	1092770	1	6.36	353908	20.0
unknown6.14	6.14	89.6	ng	1585400	1	6.36	353908	20.0
5-Octadecene, (E)-	11.13	3.3	ng	81324	4	10.87	487637	20.0
n-Hexadecanoic acid	11.44	4.1	ng	99550	4	10.87	487637	20.0
9-Eicosene, (E)-	11.94	11.5	ng	279341	4	10.87	487637	20.0
11-Tricosene	13.37	5.0	ng	98550	5	13.47	390073	20.0
Squalene	14.34	8.4	ng	105999	6	14.78	253695	20.0