LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
Data File : BF081650.D
Acq On : 16 Sep 2015 15:33
Operator : UM/IZ
Sample : G3647-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S11

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	1.440	7	9	15	rBV	196419	501198	15.16%	2.347%
2	1.531	15	17	59	rVB	940499	3305754	100.00%	15.481%
3	4.480	270	275	292	rBV	330155	1021081	30.89%	4.782%
4	5.349	347	351	365	rBV	944456	1772420	53.62%	8.300%
5	7.612	545	549	552	rBV	892971	1847723	55.89%	8.653%
6	7.703	553	557	560	rVB	1036127	1809234	54.73%	8.473%
7	8.183	596	599	604	rVB	193081	307160	9.29%	1.438%
8	8.515	623	628	631	rBV	816886	1334124	40.36%	6.248%
9	9.486	708	713	716	rBV	601639	1201380	36.34%	5.626%
10	11.086	849	853	856	rBV	233286	392226	11.86%	1.837%
11	13.738	1079	1085	1088	rBV	1099035	2025595	61.27%	9.486%
12	14.778	1172	1176	1186	rBV	216932	399400	12.08%	1.870%
13	15.213	1210	1214	1221	rBB	250779	426640	12.91%	1.998%
14	16.618	1332	1337	1341	rBV	20812	34663	1.05%	0.162%
15	17.121	1376	1381	1384	rBV	699286	1292468	39.10%	6.053%
16	17.761	1433	1437	1442	rBV	23823	55144	1.67%	0.258%
17	18.721	1517	1521	1525	rBV	247870	445082	13.46%	2.084%
18	18.836	1528	1531	1534	rBV	17082	33509	1.01%	0.157%
19	20.470	1671	1674	1681	rBV	66577	134827	4.08%	0.631%
20	21.876	1795	1797	1806	rBV2	23041	41722	1.26%	0.195%
21	22.093	1812	1816	1818	rBV	1470402	2036702	61.61%	9.538%
22	23.351	1920	1926	1929	rBV	293393	531535	16.08%	2.489%
23	24.379	2013	2016	2018	rBV	77503	81522	2.47%	0.382%
24	24.791	2049	2052	2055	rBV	283973	283605	8.58%	1.328%
25	25.236	2089	2091	2099	rVB3	15880	38510	1.16%	0.180%

Sum of corrected areas: 21353224

LSC Report - Integrated Chromatogram

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Misc :
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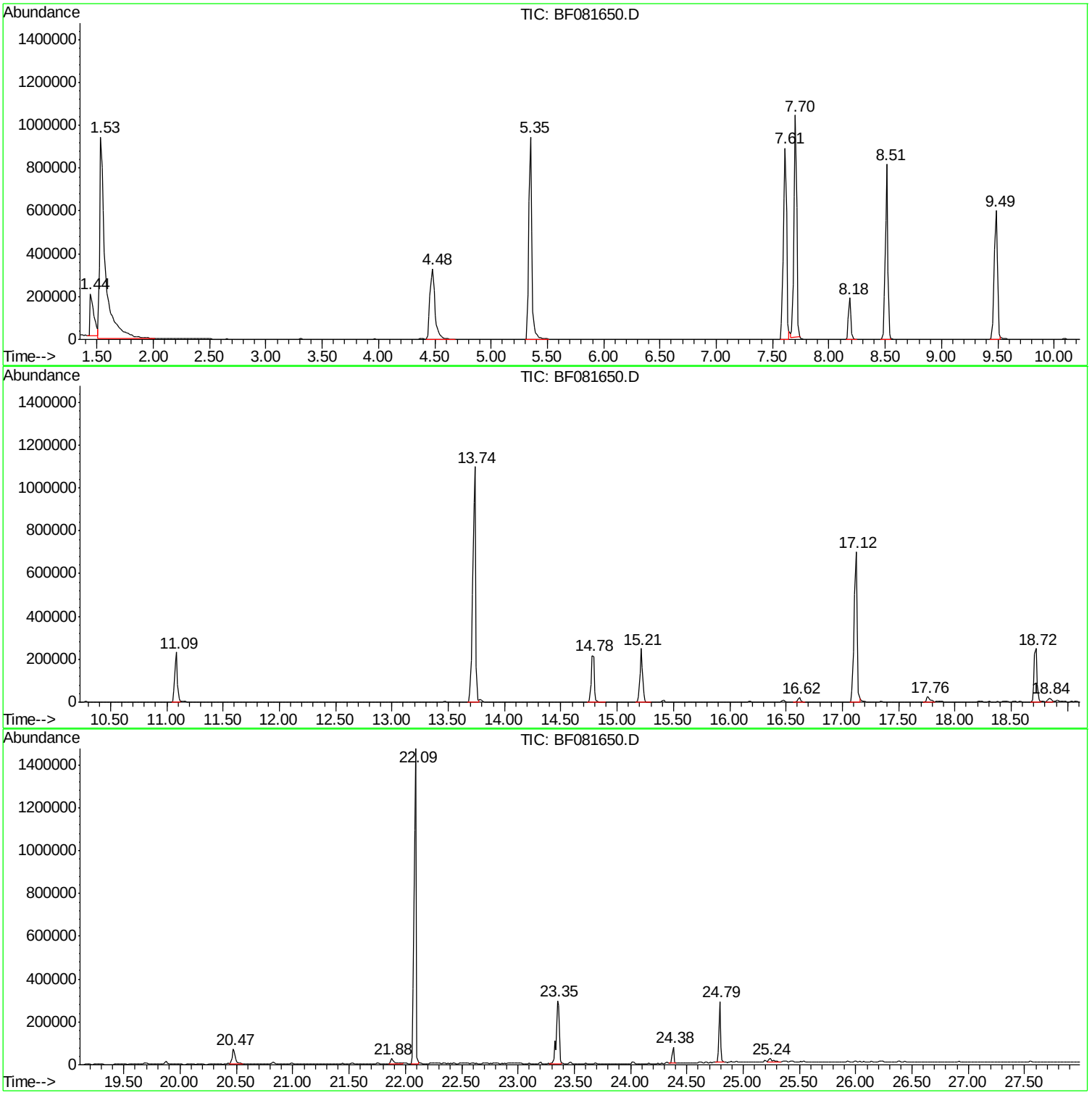
Instrument : BNA_F
ClientSampleId : S11

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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Sample : G3647-01
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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S11

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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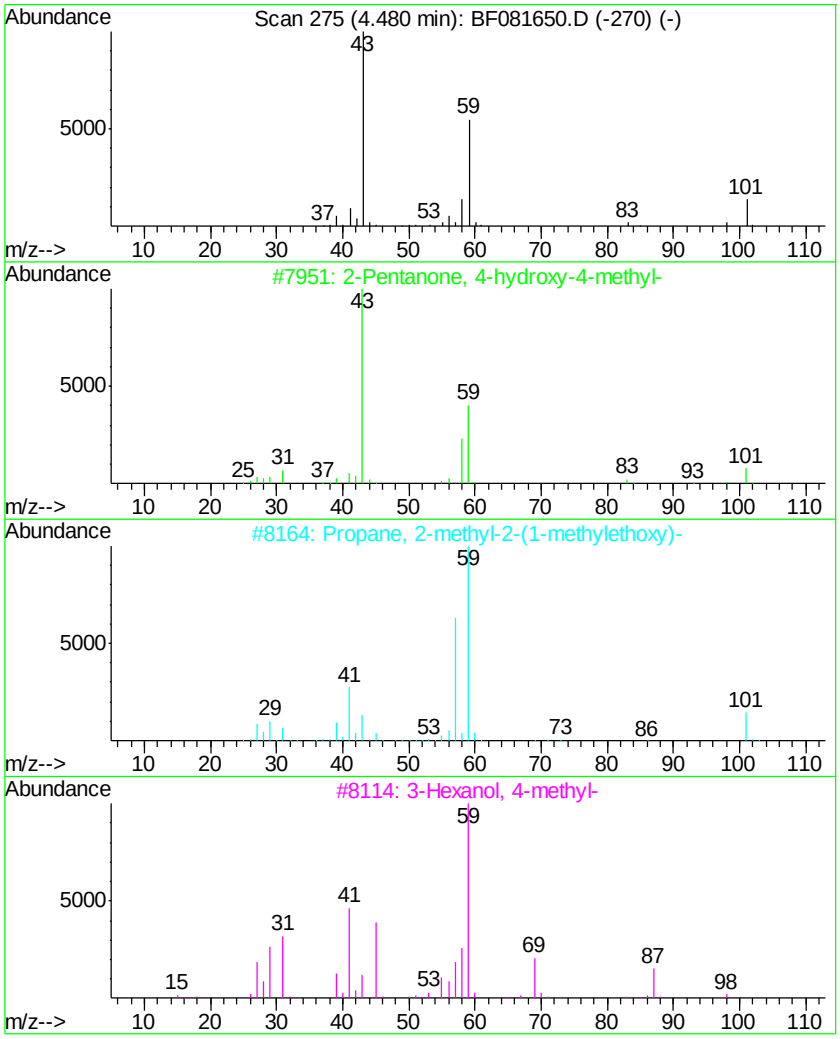
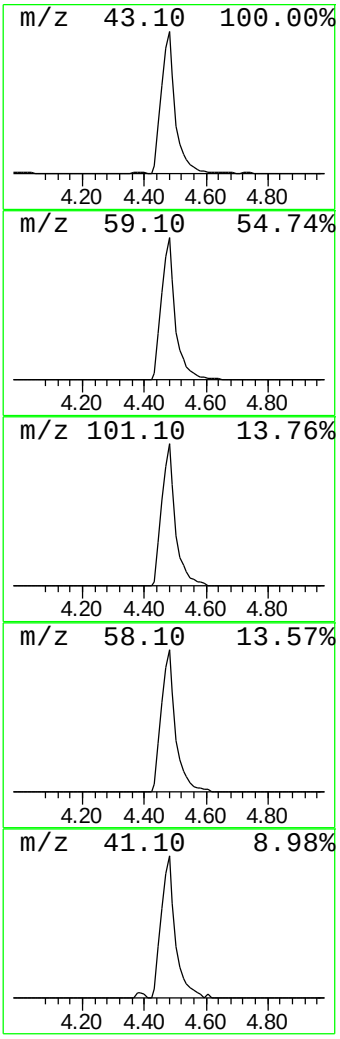
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	66.49 ng	1021080	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Sample : G3647-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S11

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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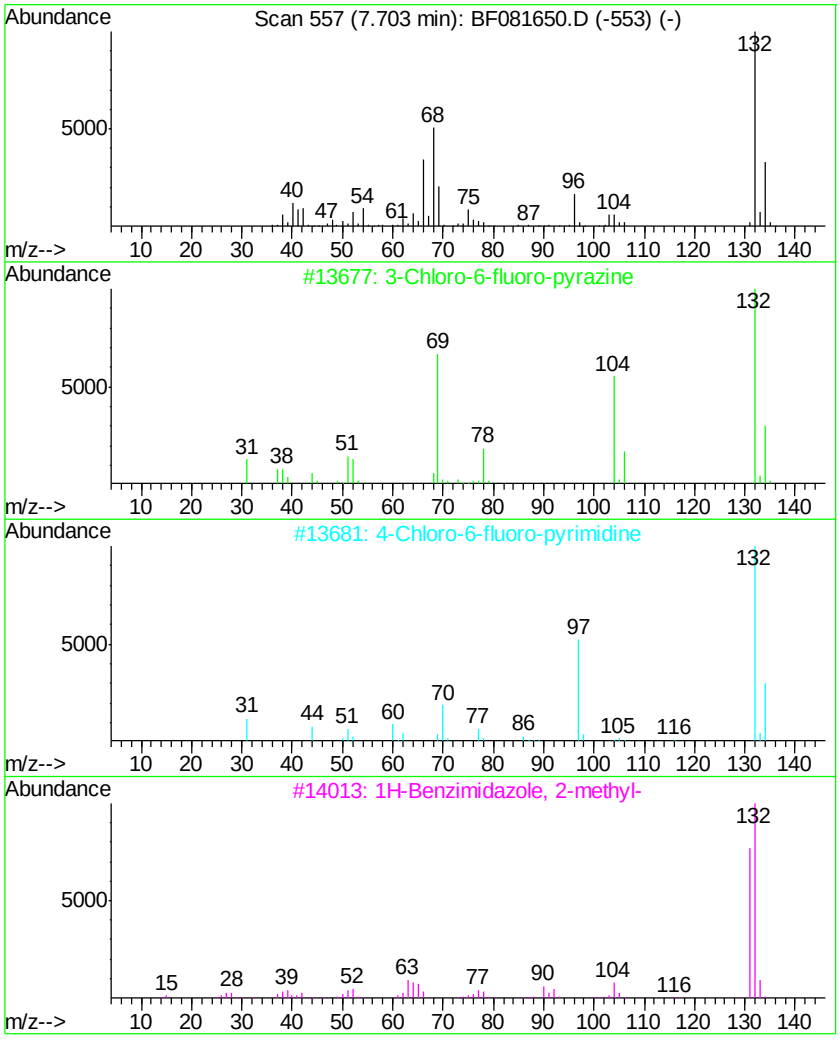
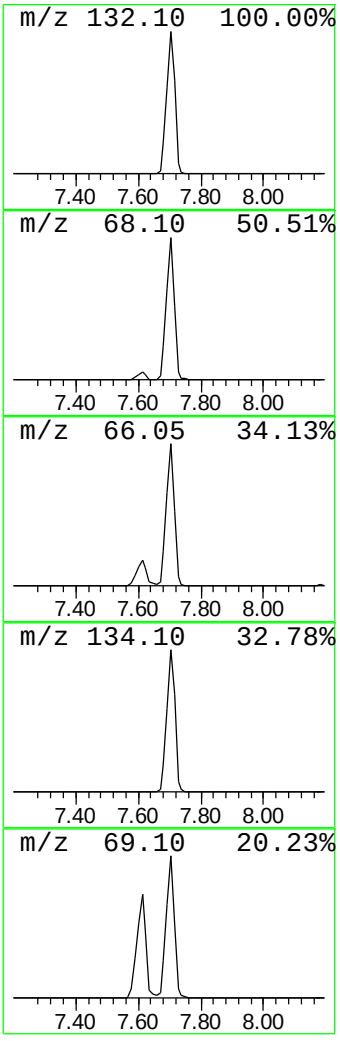
Peak Number 4 unknown7.70 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	117.80 ng	1809230	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Data File : BF081650.D
Acq On : 16 Sep 2015 15:33
Operator : UM/IZ
Sample : G3647-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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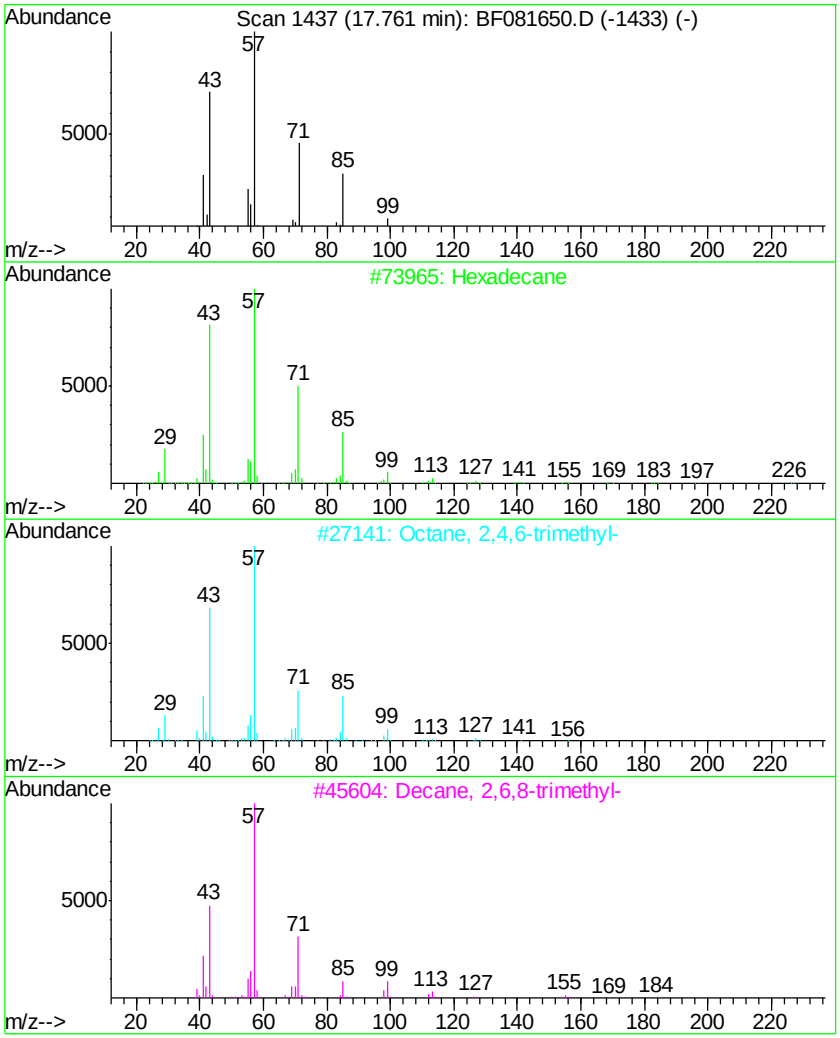
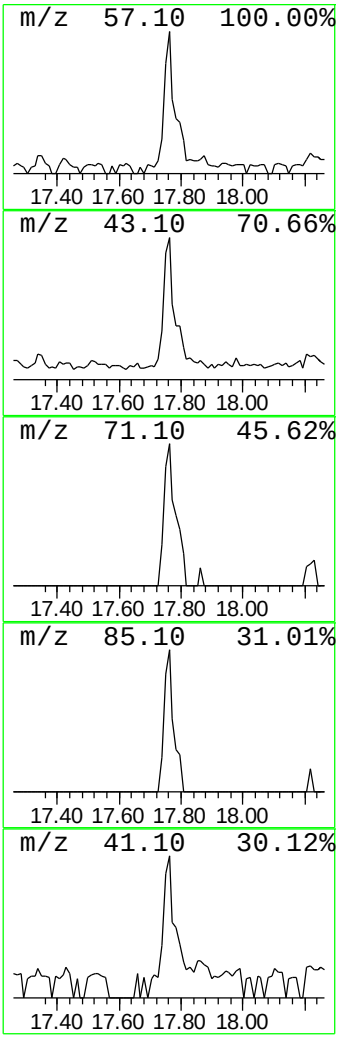
Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	2.48 ng	55144	Phenanthrene-d10	18.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	59
4	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	53
5	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	53





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Acq On : 16 Sep 2015 15:33
Operator : UM/IZ
Sample : G3647-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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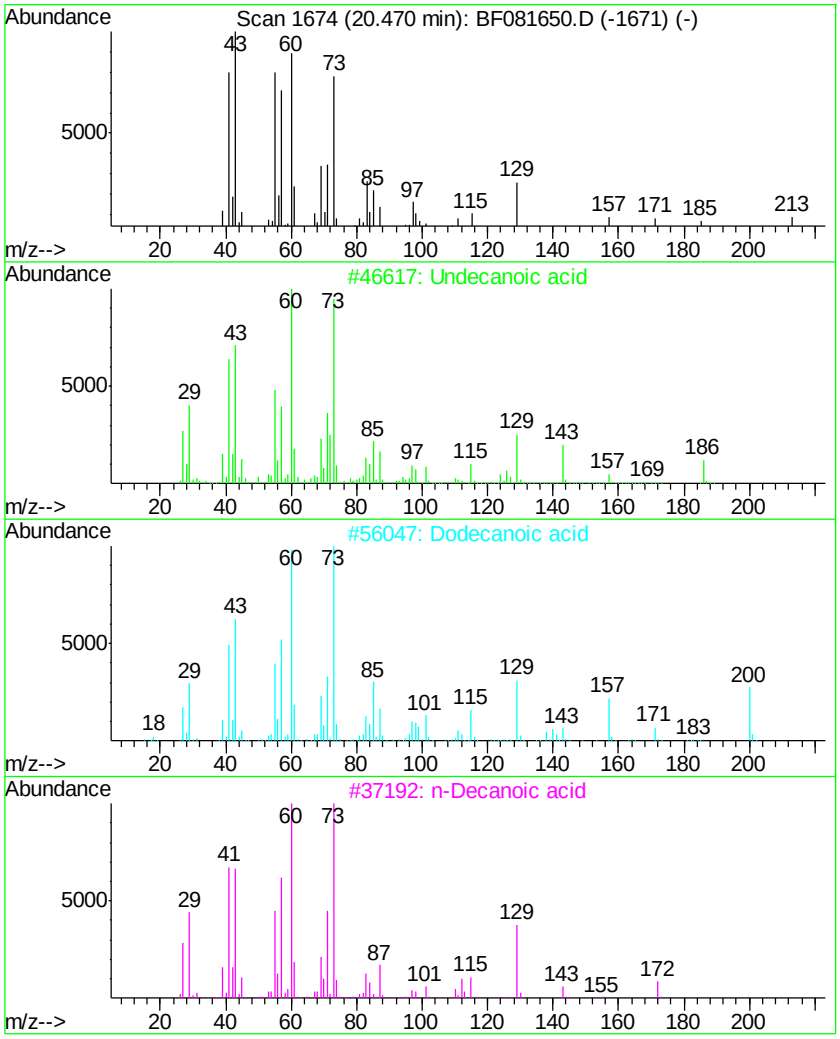
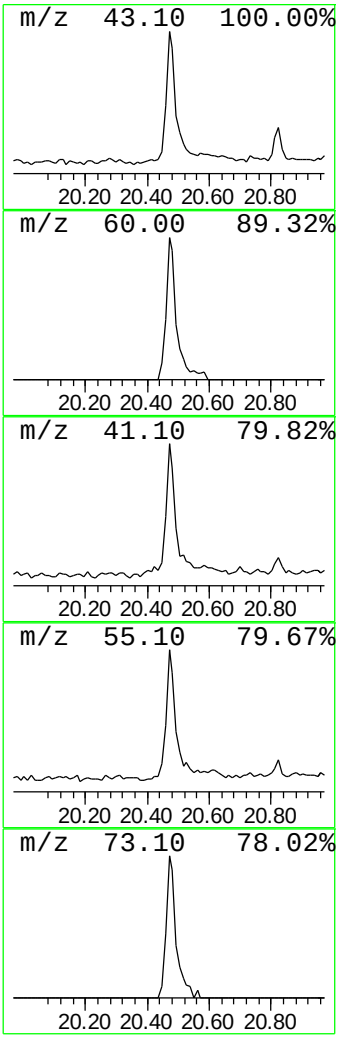
Peak Number 7 Undecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	6.06 ng	134827	Phenanthrene-d10	18.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	64
2	Dodecanoic acid	200	C12H24O2	000143-07-7	59
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	Hydrazinecarbothioamide, 2-(2-th...	185	C6H7N3S2	005351-91-7	27
5	4-Pentadecanol	228	C15H32O	109212-91-1	22





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Acq On : 16 Sep 2015 15:33
Operator : UM/IZ
Sample : G3647-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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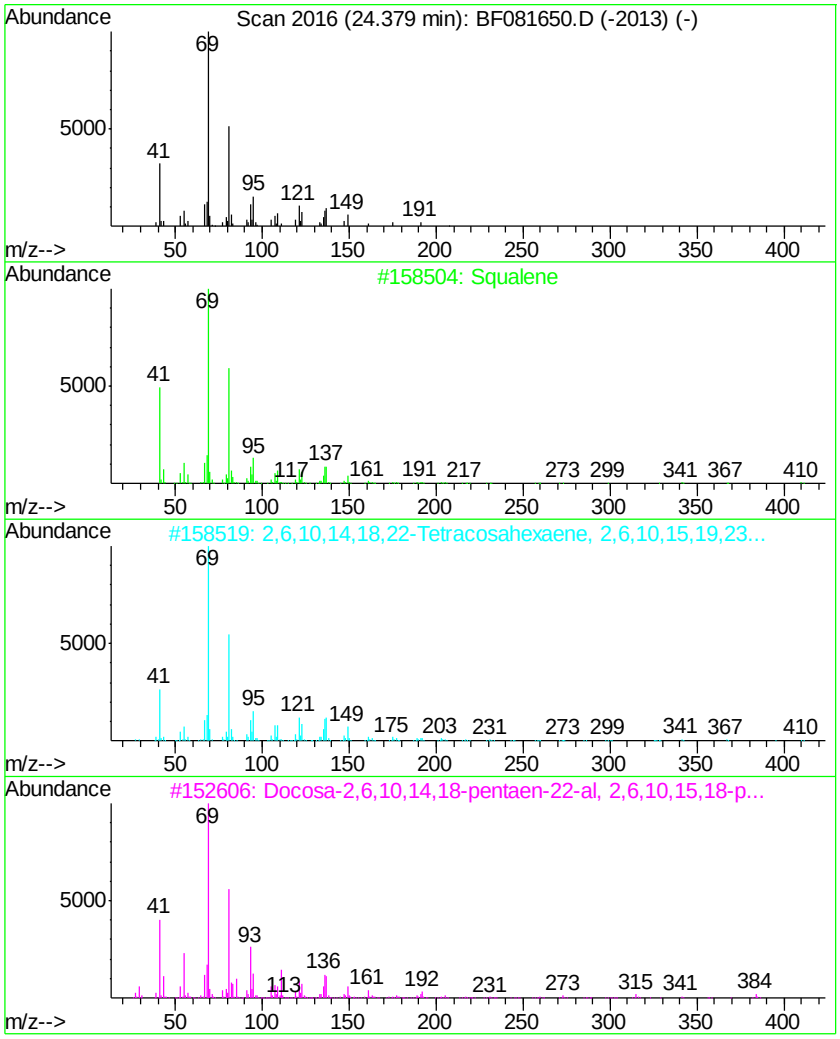
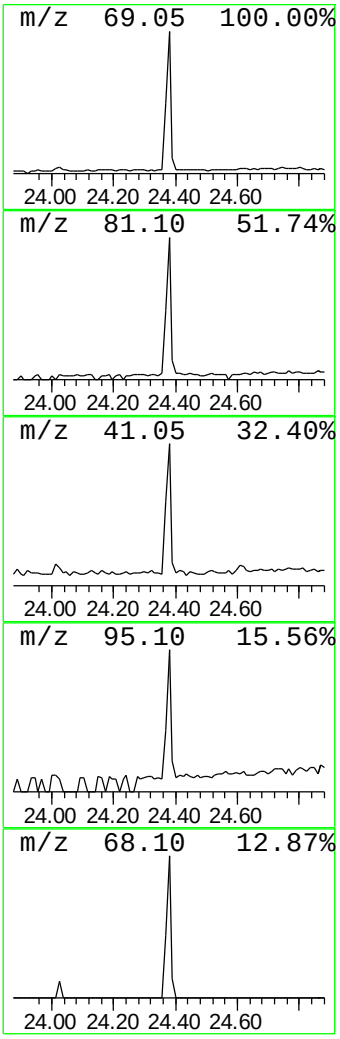
Peak Number 8 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.38	5.75 ng	81522	Perylene-d12	24.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	90
4	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	83
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72





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Instrument : BNA_F
ClientSampleId : S11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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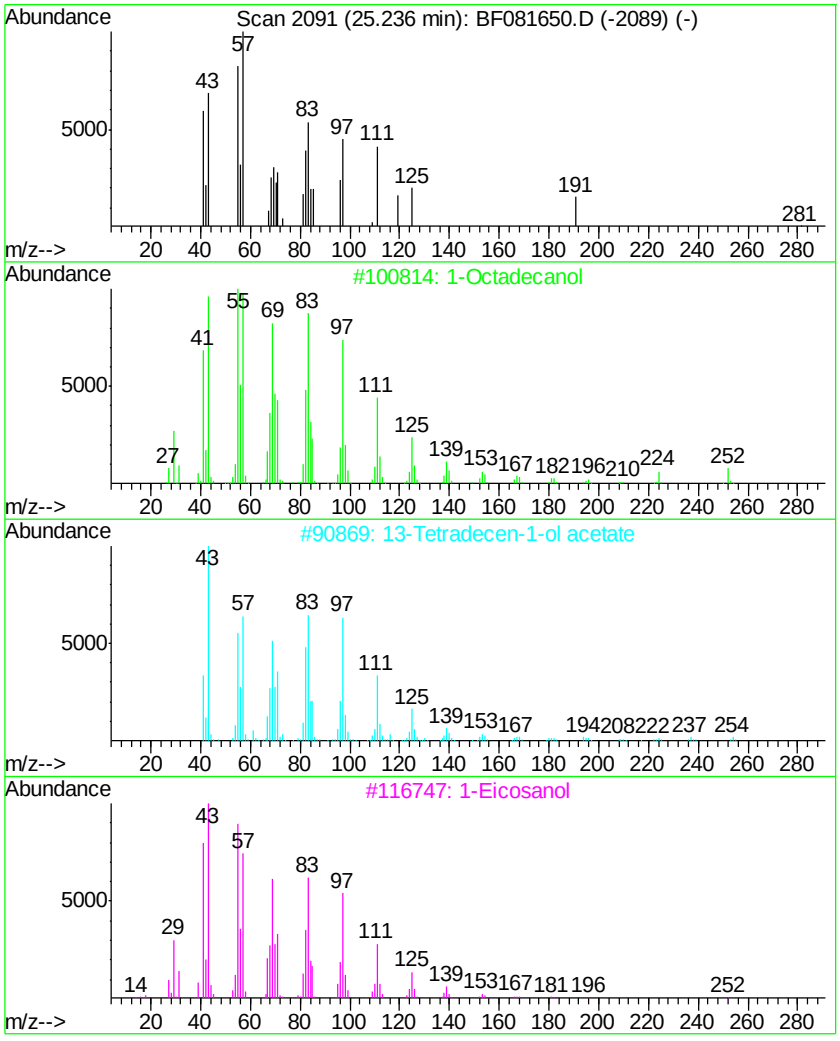
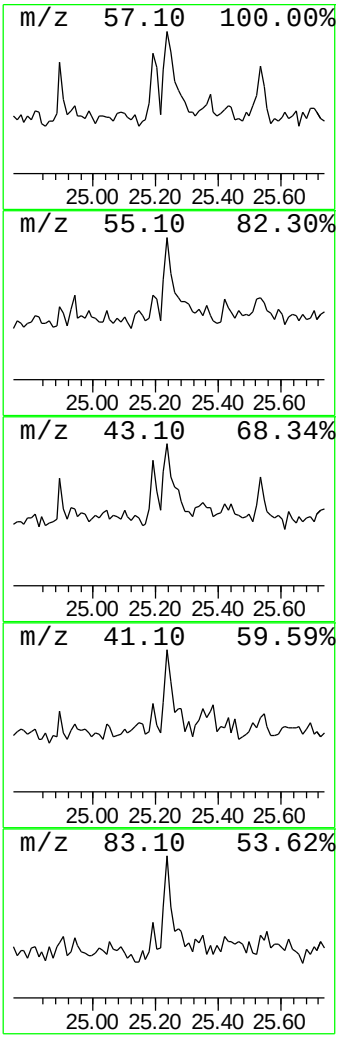
Peak Number 9 1-Octadecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.24	2.72 ng	38510	Perylene-d12	24.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	64
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	64
3	1-Eicosanol	298	C20H42O	000629-96-9	59
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	47
5	17-Pentatriacontene	491	C35H70	006971-40-0	43





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
2-Pentanone, 4-hy...	4.48	66.5	ng	1021080	1	8.18	307160	20.0
unknown7.70	7.70	117.8	ng	1809230	1	8.18	307160	20.0
Hexadecane	17.76	2.5	ng	55144	4	18.72	445082	20.0
Undecanoic acid	20.47	6.1	ng	134827	4	18.72	445082	20.0
Squalene	24.38	5.8	ng	81522	6	24.79	283605	20.0
1-Octadecanol	25.24	2.7	ng	38510	6	24.79	283605	20.0