LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081406.D
Acq On : 4 Sep 2015 6:51
Operator : UM/IZ
Sample : G3481-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-22(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-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	2.821	99	108	111	rBV	4244710	14143011	100.00%	39.471%
2	4.433	245	249	264	rVB	829973	1632070	11.54%	4.555%
3	4.924	290	292	295	rBV	1802153	2201268	15.56%	6.143%
4	6.044	387	390	392	rBV	2187266	2384280	16.86%	6.654%
5	6.136	396	398	401	rVB	1992696	2044473	14.46%	5.706%
6	6.364	416	418	421	rVB	439246	384296	2.72%	1.073%
7	6.524	429	432	434	rBV	1997167	1756040	12.42%	4.901%
8	6.947	466	469	471	rBV	1489197	1531383	10.83%	4.274%
9	7.656	528	531	533	rBV	589623	508460	3.60%	1.419%
10	8.742	623	626	628	rVB	2522555	2381312	16.84%	6.646%
11	9.142	659	661	664	rBV	441131	447662	3.17%	1.249%
12	9.393	682	683	686	rVB2	457253	483546	3.42%	1.349%
13	10.182	749	752	755	rBV	1436599	1428743	10.10%	3.987%
14	10.331	763	765	769	rBV	153137	201337	1.42%	0.562%
15	10.776	802	804	805	rBV	172682	145950	1.03%	0.407%
16	10.856	809	811	814	rVV	401720	509753	3.60%	1.423%
17	11.439	860	862	865	rBV2	148601	175425	1.24%	0.490%
18	11.942	903	906	909	rBV	226647	259441	1.83%	0.724%
19	12.456	947	951	953	rBV	1695168	2365235	16.72%	6.601%
20	13.371	1028	1031	1037	rVB	122473	212542	1.50%	0.593%
21	13.462	1037	1039	1041	rBV	264899	381171	2.70%	1.064%
22	14.777	1152	1154	1157	rVB	245482	254171	1.80%	0.709%

Sum of corrected areas: 35831569

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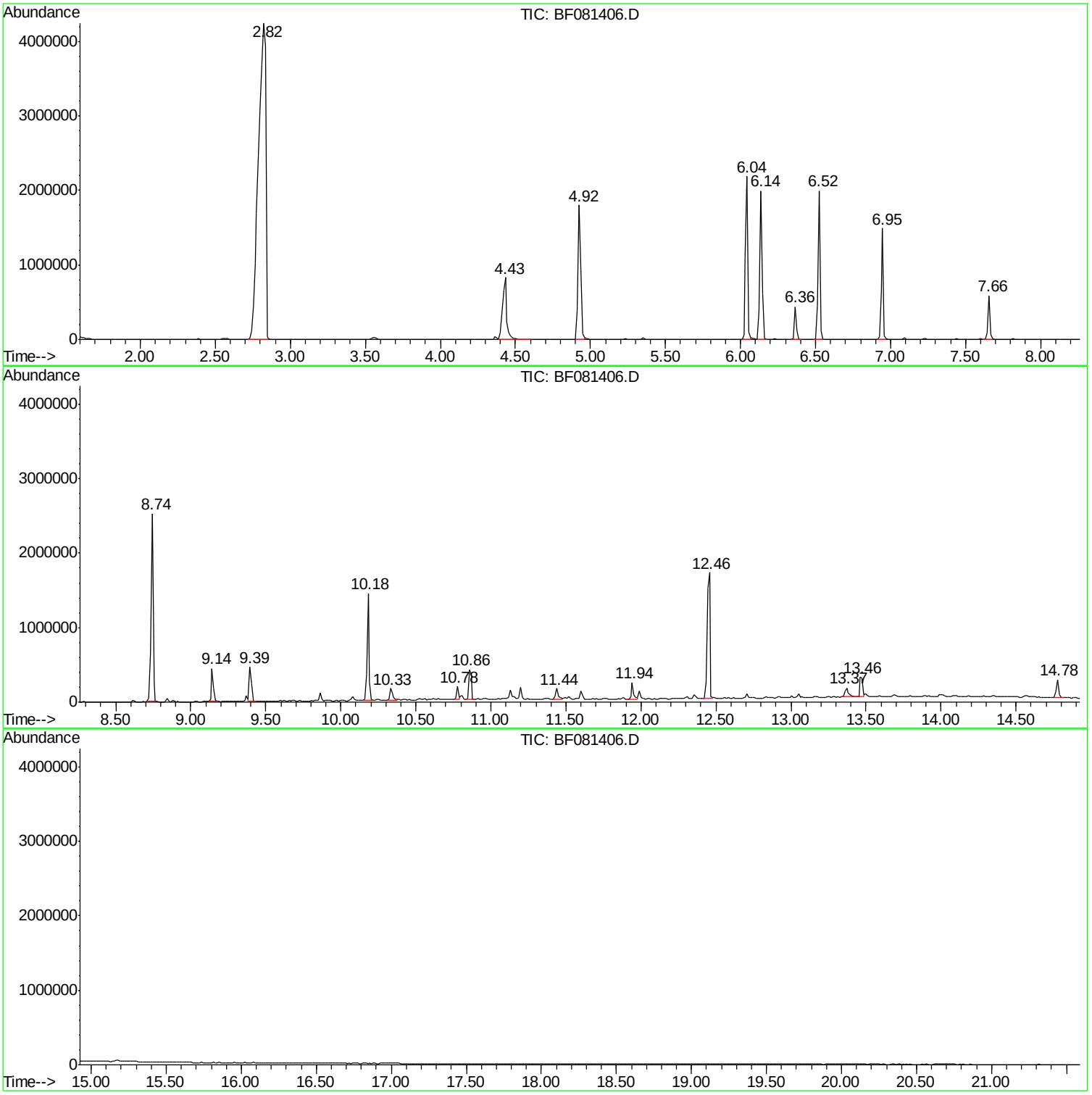
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COFF-2-22(0-2)

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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ClientSampleId : COFF-2-22(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Integration Parameters: LSCINT.P

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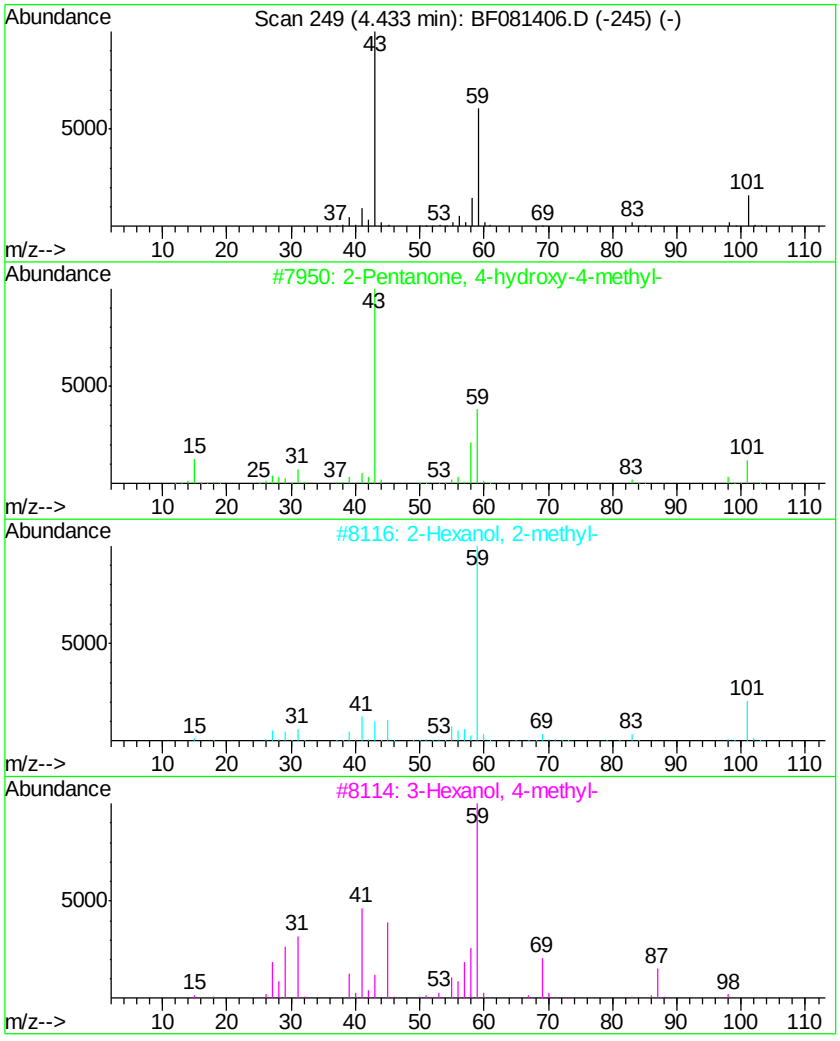
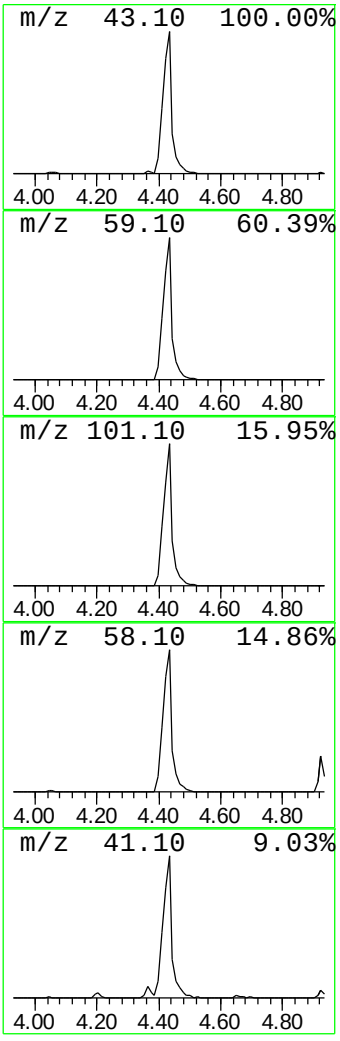
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.43	84.94 ng	1632070	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	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
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 : G3481-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-22(0-2)

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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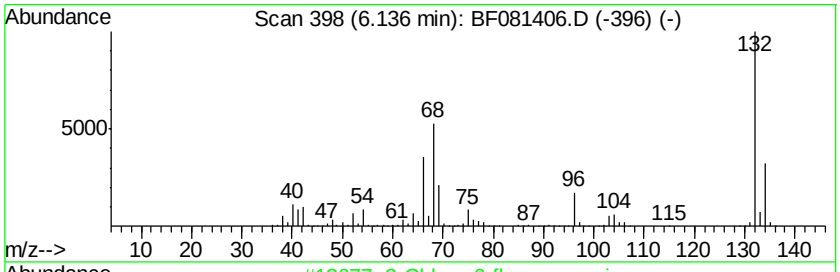
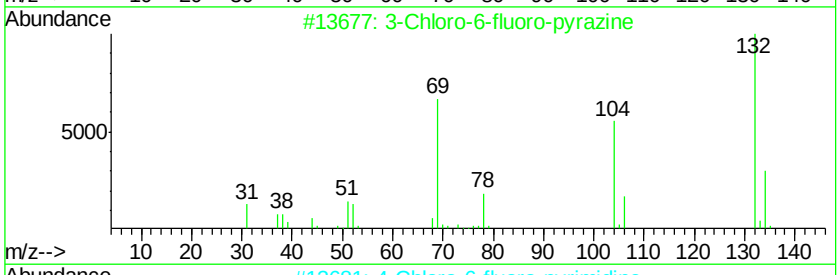
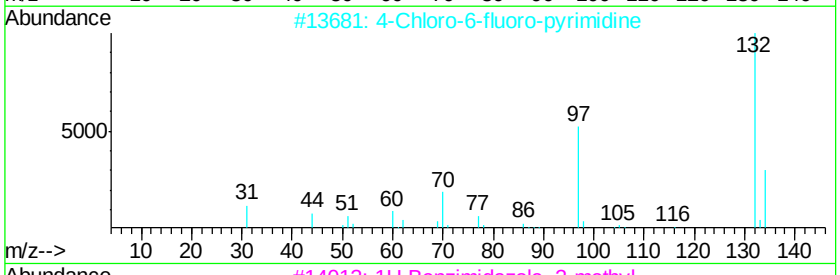
Peak Number 3 unknown6.14 Concentration Rank 2

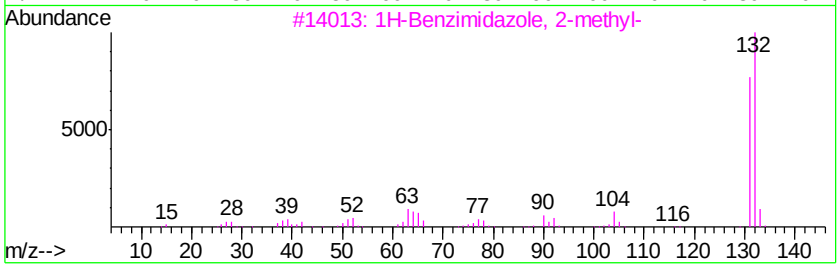
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	106.40 ng	2044470	1,4-Dichlorobenzene-d4	6.36

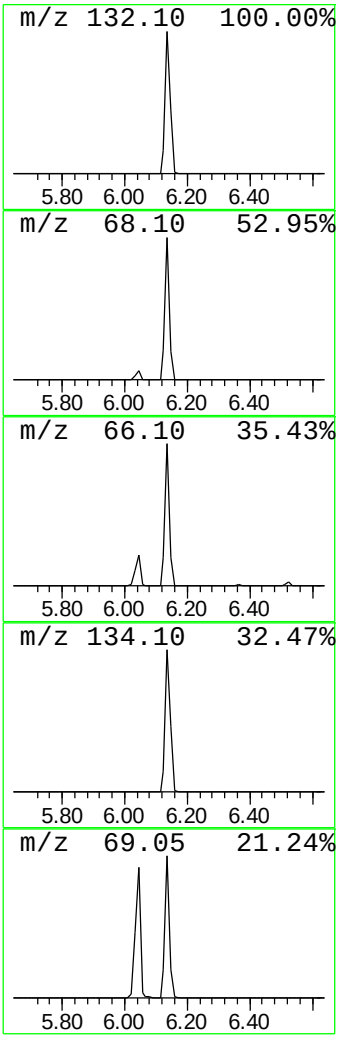
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10











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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-22(0-2)

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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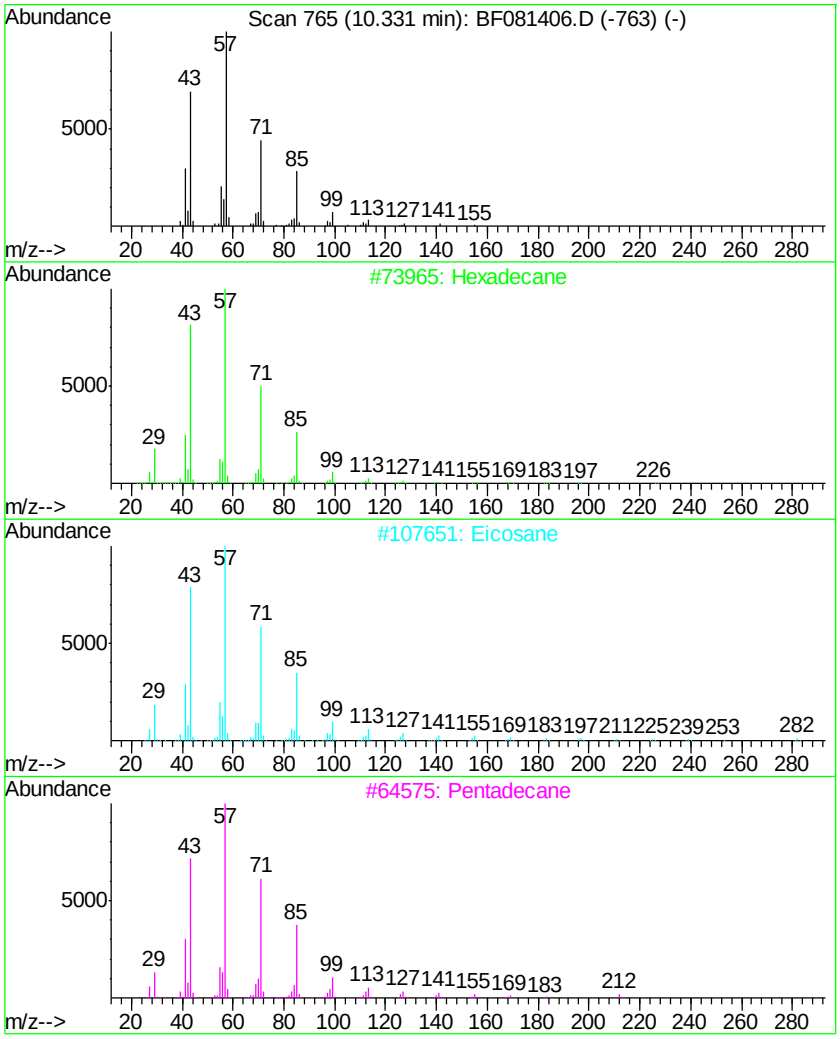
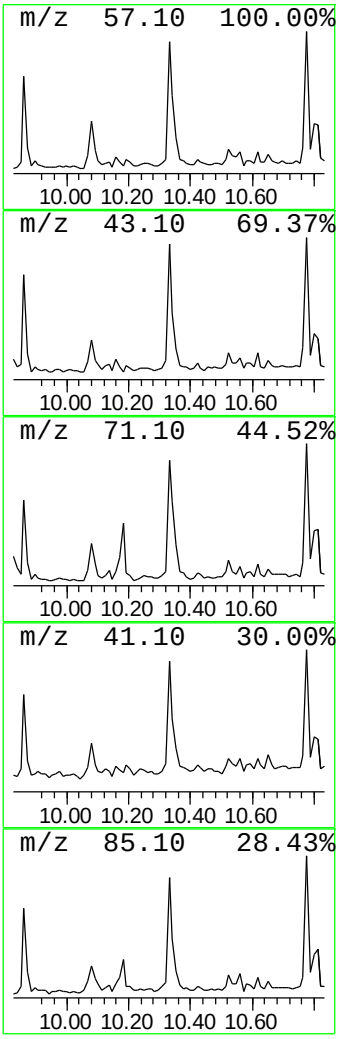
Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	7.90 ng	201337	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Pentadecane	212	C15H32	000629-62-9	83
4	Heptadecane	240	C17H36	000629-78-7	83
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





Library Search Compound Report

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Sample : G3481-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-22(0-2)

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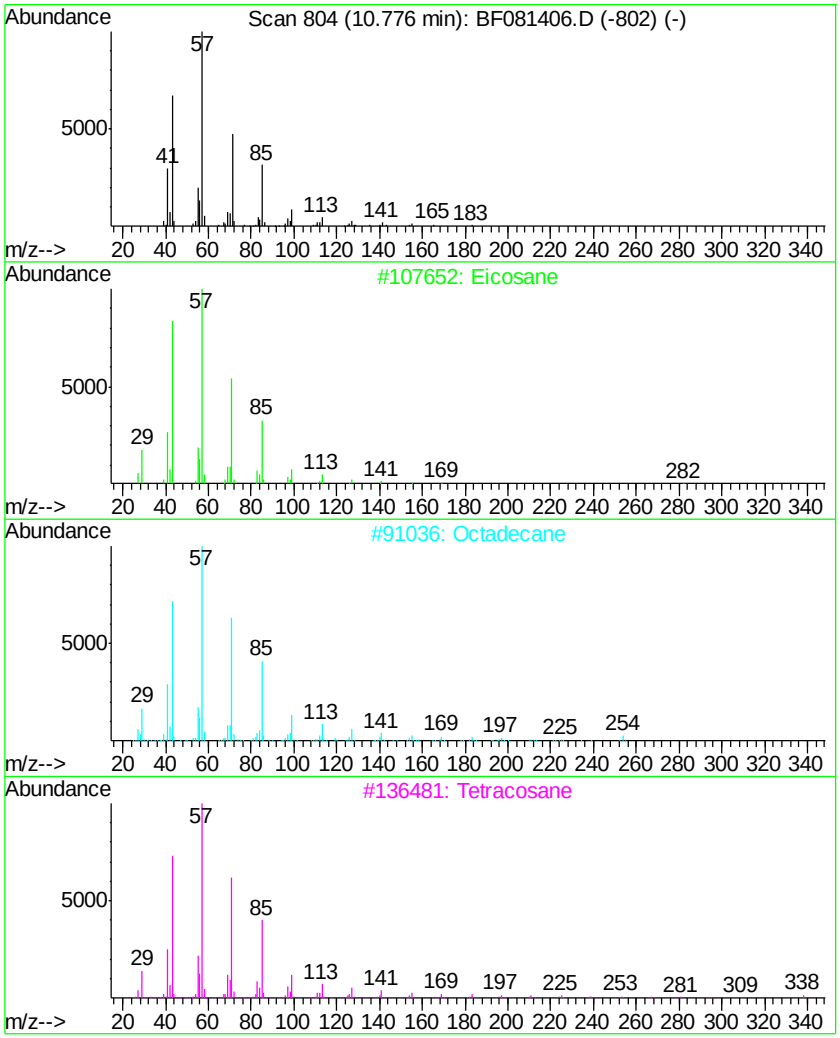
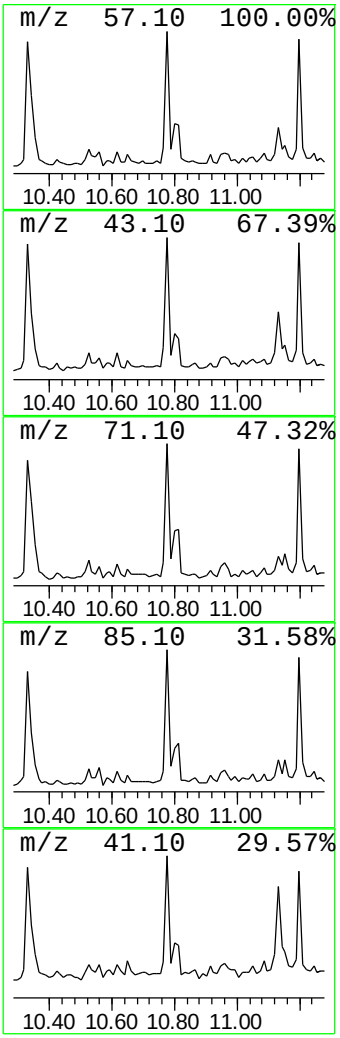
Peak Number 6 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	5.73 ng	145950	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Octadecane	254	C18H38	000593-45-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Heptacosane	380	C27H56	000593-49-7	87





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Sample : G3481-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-22(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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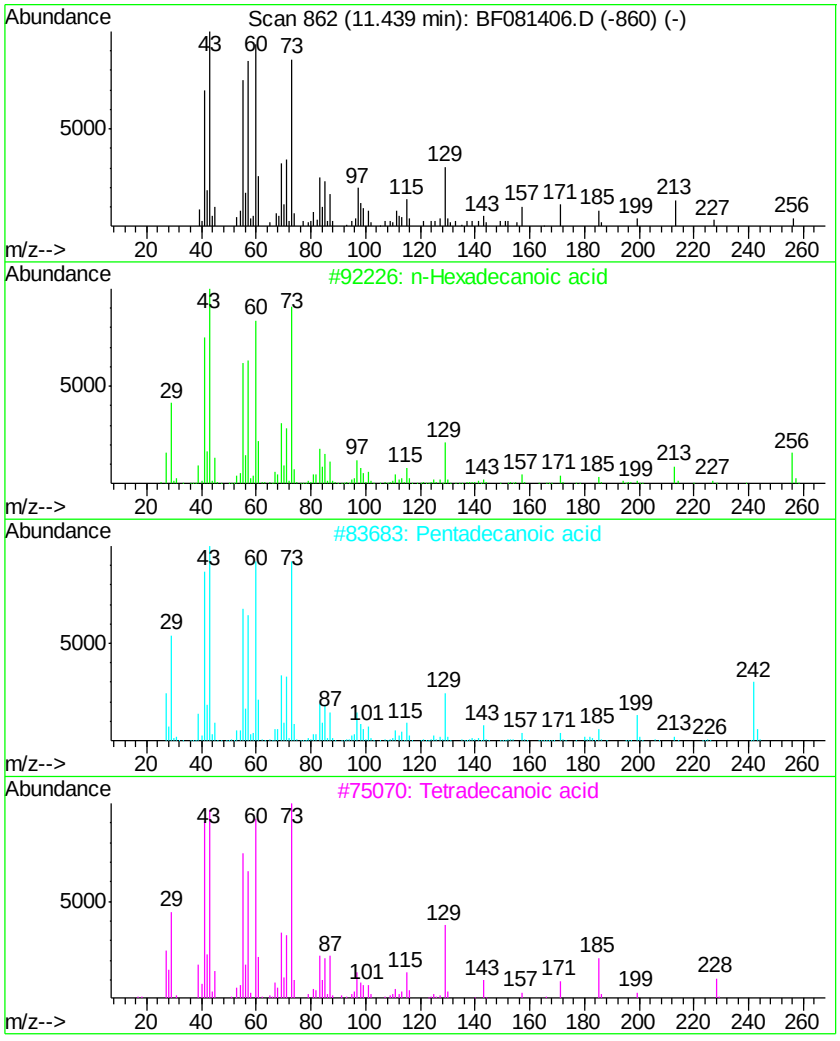
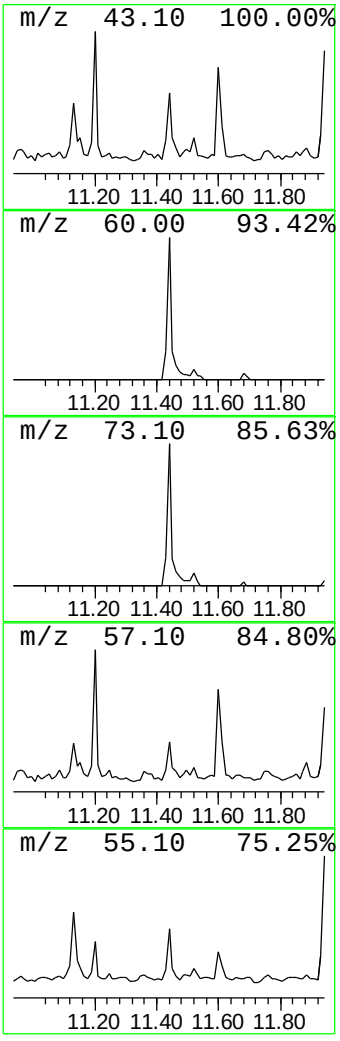
Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	6.88 ng	175425	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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Instrument : BNA_F
ClientSampleId : COFF-2-22(0-2)

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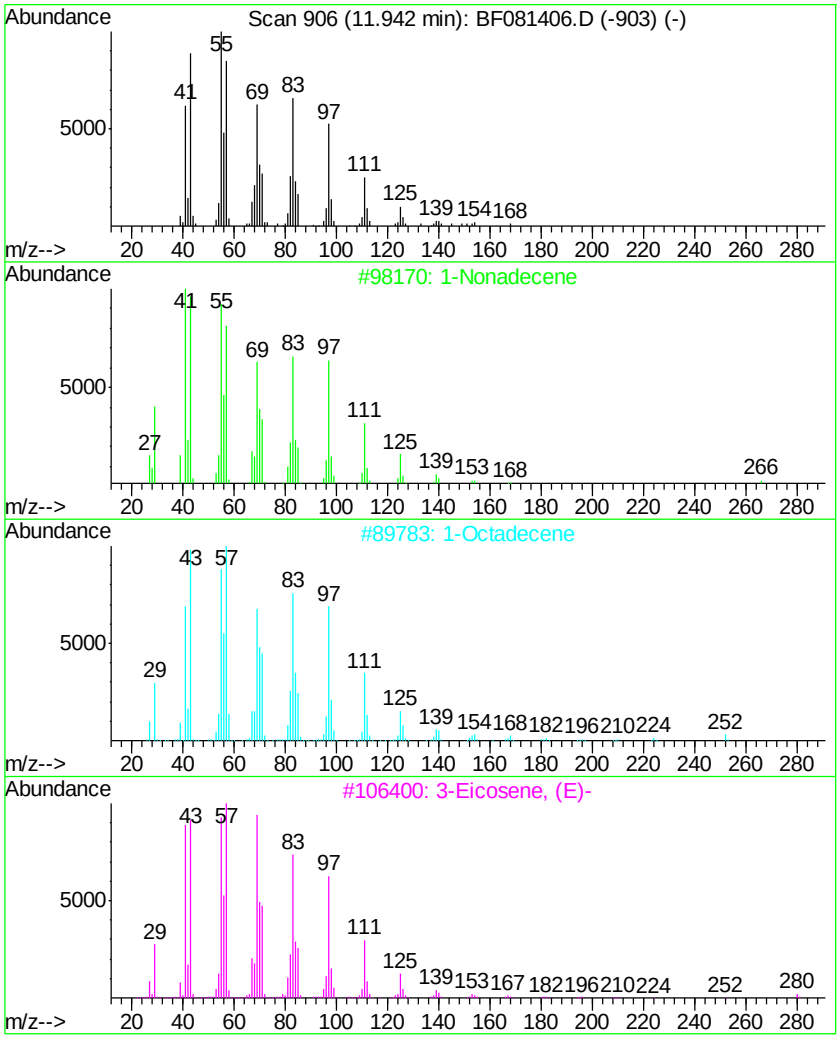
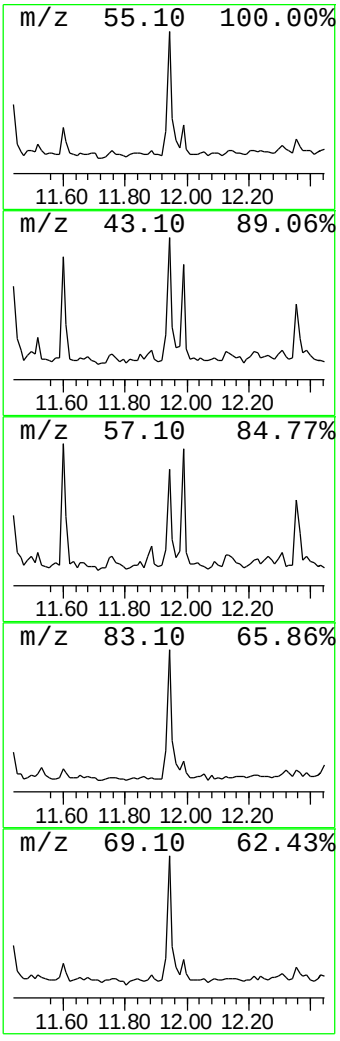
Peak Number 8 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	10.18 ng	259441	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	1-Octadecene	252	C18H36	000112-88-9	90
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	87
5	1-Hexadecanol	242	C16H34O	036653-82-4	83





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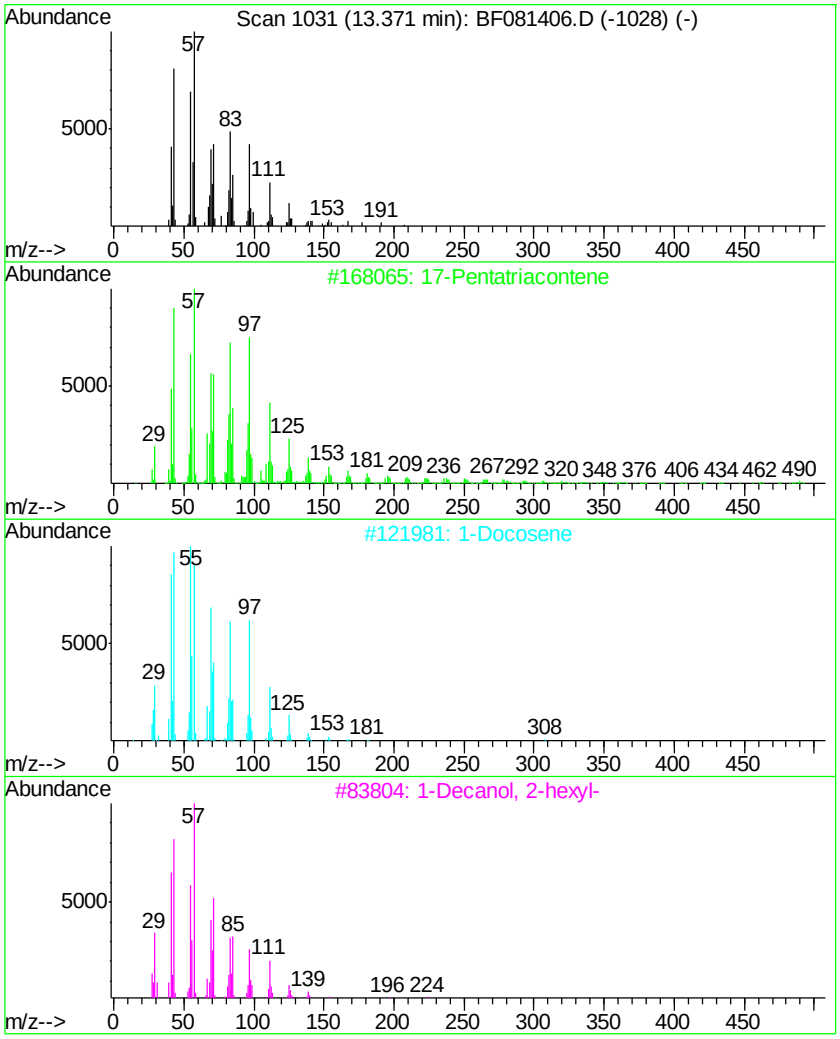
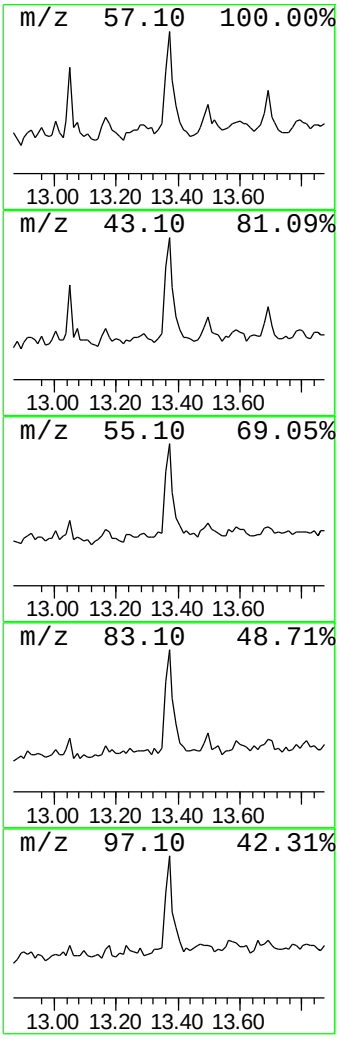
Peak Number 9 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	11.15 ng	212542	Chrysene-d12	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	90
2	1-Docosene	308	C22H44	001599-67-3	76
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	74
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	72
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	68





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...	4.43	84.9	ng	1632070	1	6.36	384296	20.0
unknown6.14	6.14	106.4	ng	2044470	1	6.36	384296	20.0
Hexadecane	10.33	7.9	ng	201337	4	10.86	509753	20.0
Eicosane	10.78	5.7	ng	145950	4	10.86	509753	20.0
n-Hexadecanoic acid	11.44	6.9	ng	175425	4	10.86	509753	20.0
1-Nonadecene	11.94	10.2	ng	259441	4	10.86	509753	20.0
17-Pentatriacontene	13.37	11.2	ng	212542	5	13.47	381171	20.0