LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
Data File : BF081280.D
Acq On : 29 Aug 2015 19:54
Operator : UM/IZ
Sample : G3467-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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-BF081715.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	4.560	245	247	256	rVB	281098	387183	20.45%	2.923%
2	5.040	286	289	291	rBV	529139	684001	36.13%	5.164%
3	6.126	382	384	392	rBV	473803	480214	25.36%	3.625%
4	6.240	392	394	397	rVV	1077248	1075916	56.83%	8.122%
5	6.434	409	411	413	rBV	22224	22014	1.16%	0.166%
6	6.480	413	415	417	rBV	460080	390442	20.62%	2.948%
7	6.549	417	421	426	rVB	12496	21127	1.12%	0.159%
8	6.640	426	429	431	rBV	1063197	1267635	66.95%	9.570%
9	7.052	462	465	468	rBV	951189	1033523	54.59%	7.802%
10	7.772	525	528	530	rVV	420464	495145	26.15%	3.738%
11	8.846	619	622	625	rVB	1435215	1874253	98.99%	14.149%
12	9.223	652	655	656	rBV	22447	40167	2.12%	0.303%
13	9.246	656	657	663	rVV	42975	57787	3.05%	0.436%
14	9.349	664	666	675	rVB	7022	19752	1.04%	0.149%
15	9.509	678	680	682	rBV	660753	556225	29.38%	4.199%
16	10.298	746	749	751	rBV	770341	961393	50.78%	7.258%
17	10.435	759	761	764	rBV	18741	22830	1.21%	0.172%
18	10.618	775	777	779	rBV	100433	121368	6.41%	0.916%
19	10.972	806	808	811	rBV	402080	543949	28.73%	4.106%
20	11.543	856	858	861	rBV2	157928	165160	8.72%	1.247%
21	12.321	924	926	931	rBV	66654	82343	4.35%	0.622%
22	12.458	936	938	944	rVB	30650	35935	1.90%	0.271%
23	12.572	944	948	950	rBV	1365117	1893283	100.00%	14.293%
24	13.486	1025	1028	1032	rBV	42334	59412	3.14%	0.449%
25	13.589	1035	1037	1045	rVB	552965	525970	27.78%	3.971%
26	14.915	1150	1153	1155	rBV	367032	390411	20.62%	2.947%
27	14.972	1156	1158	1161	rVB	13117	19787	1.05%	0.149%
28	15.704	1216	1222	1230	rVB6	6991	19032	1.01%	0.144%

Sum of corrected areas: 13246257

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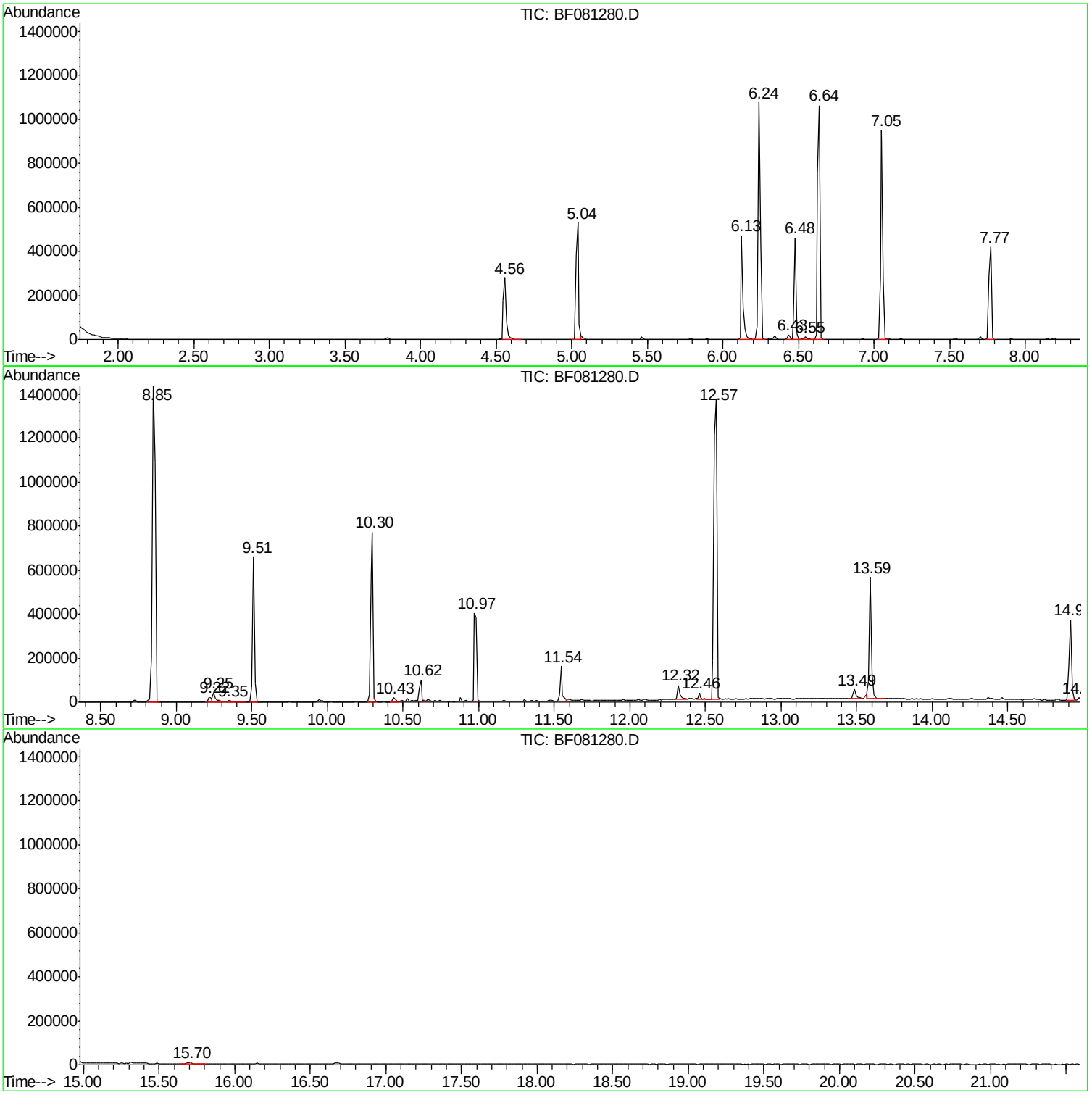
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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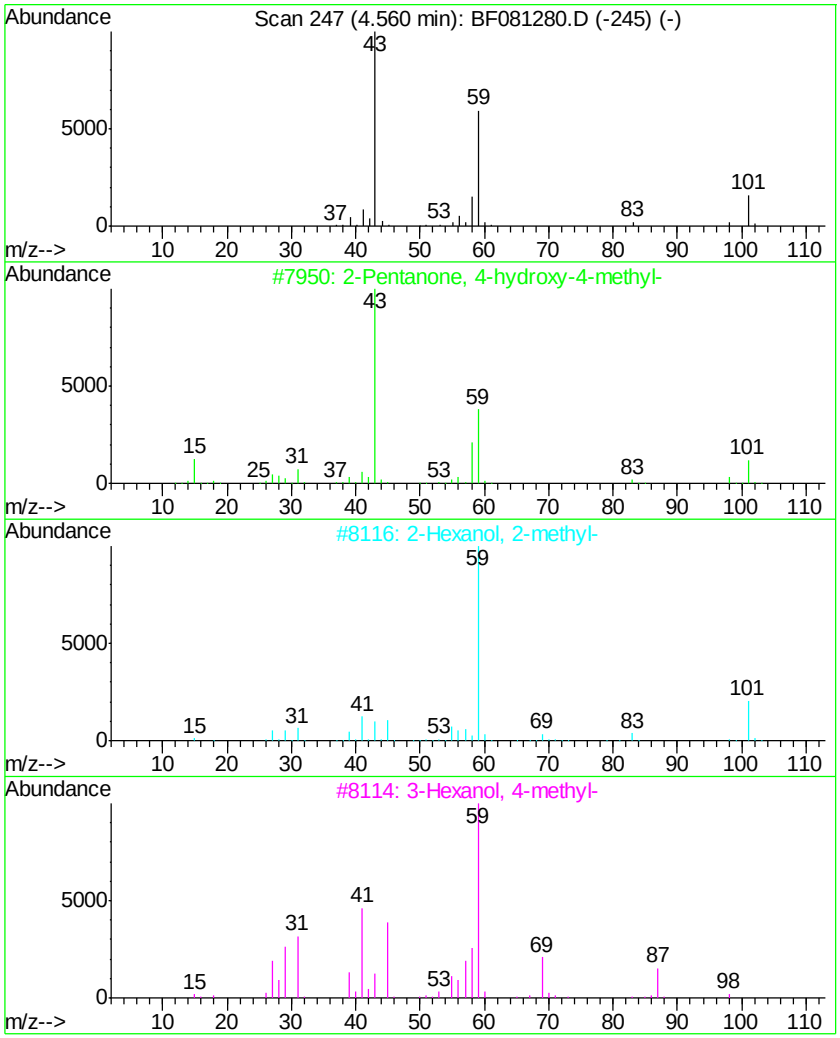
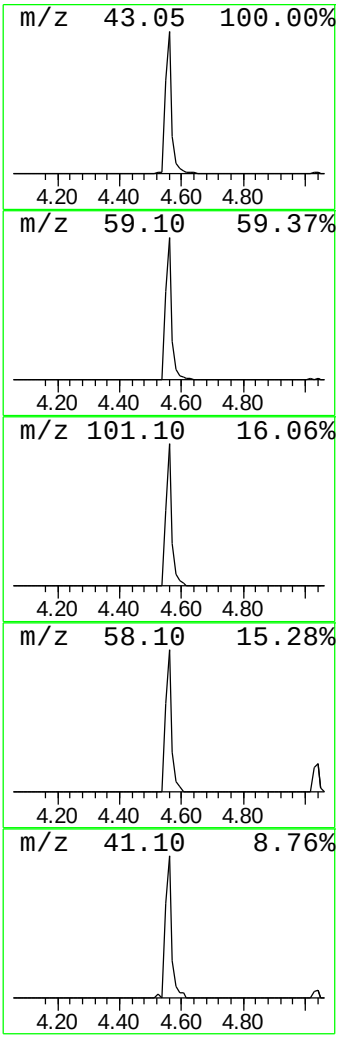
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	19.83 ng	387183	1,4-Dichlorobenzene-d4	6.48

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	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Sample : G3467-01
Misc :
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Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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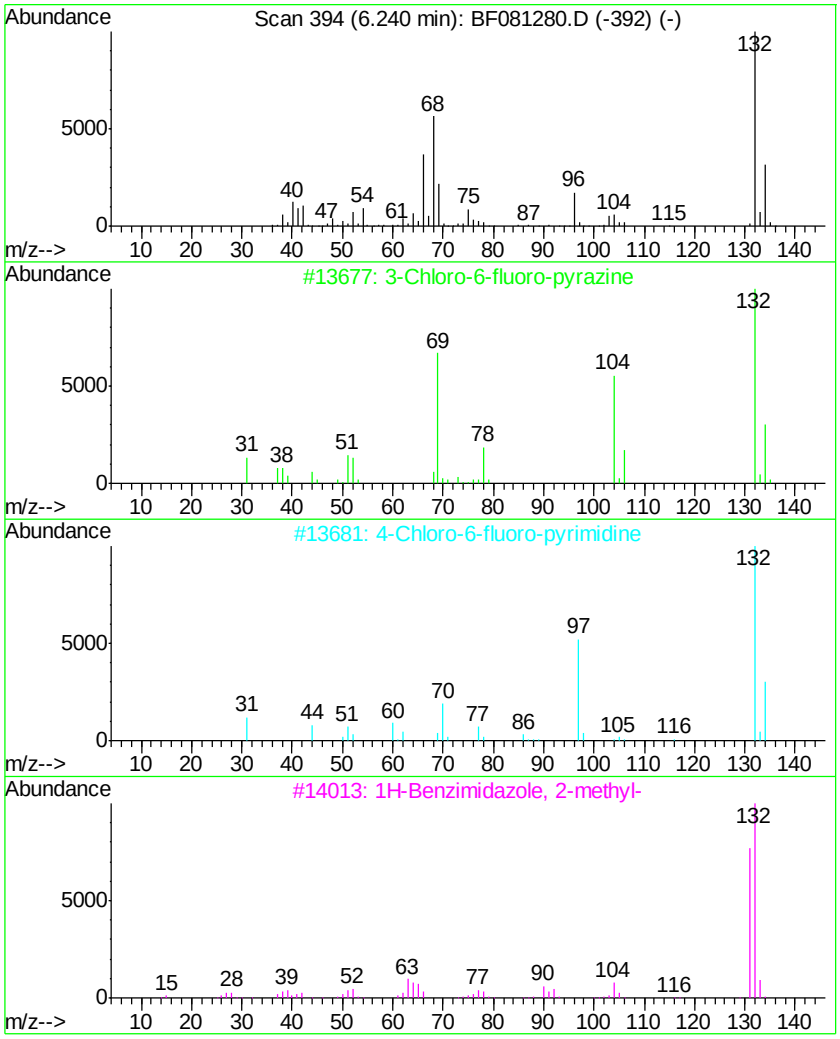
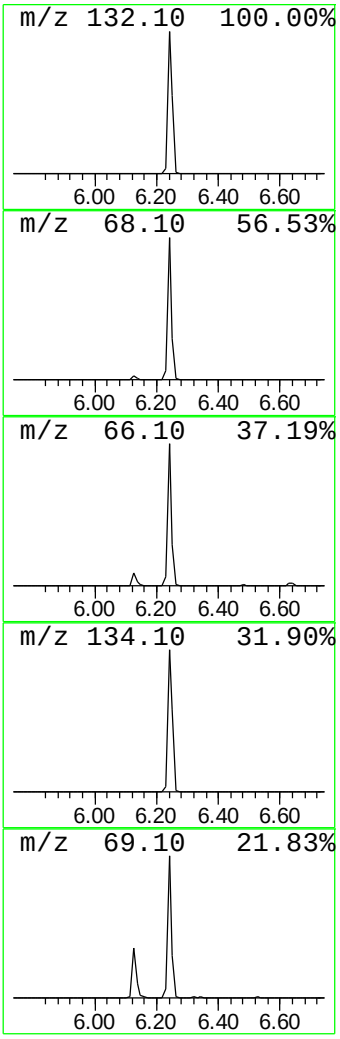
Peak Number 2 unknown6.24 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	55.11 ng	1075920	1,4-Dichlorobenzene-d4	6.48

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-Aminoindole	132	C8H8N2	005192-03-0	10
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





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Operator : UM/IZ
Sample : G3467-01
Misc :
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Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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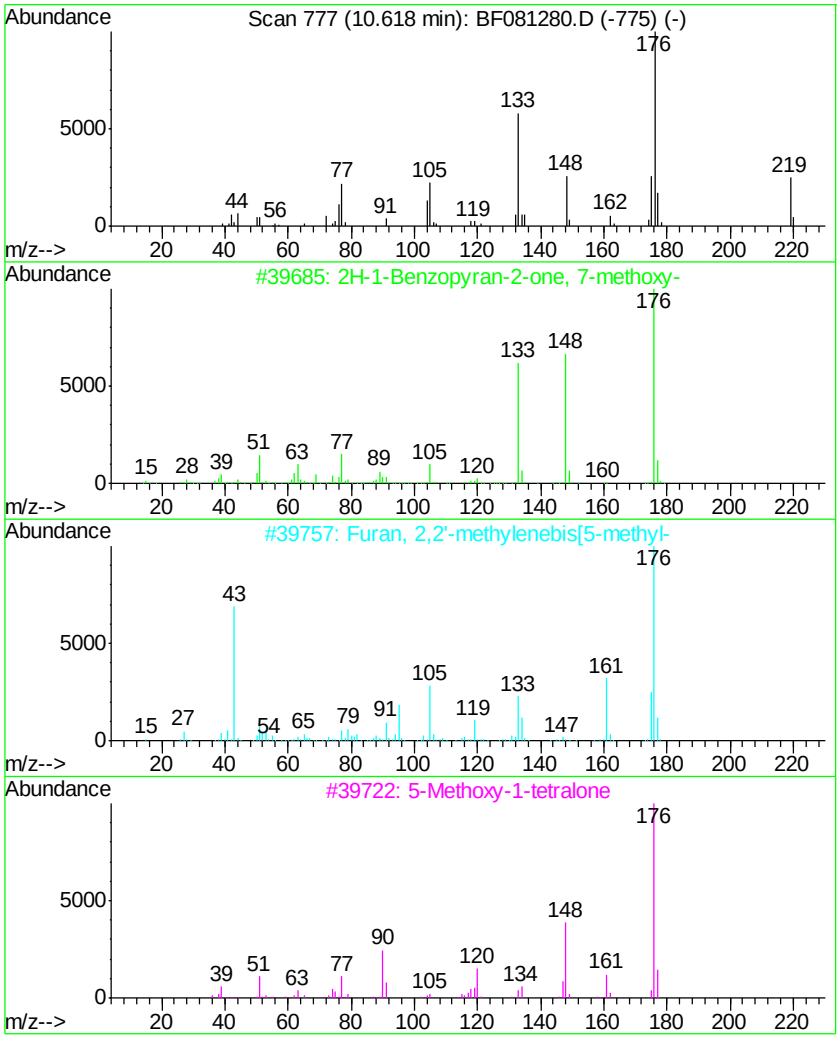
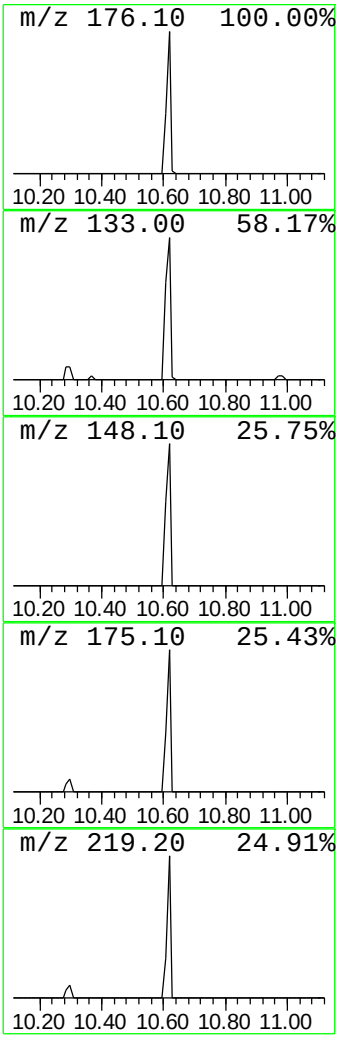
Peak Number 5 unknown10.62 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	4.46 ng	121368	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran-2-one, 7-methoxy-	176	C10H8O3	000531-59-9	47
2	Furan, 2,2'-methylenebis[5-methyl-	176	C11H12O2	013679-43-1	47
3	5-Methoxy-1-tetralone	176	C11H12O2	033892-75-0	43
4	9-Amino-6-fluorolepidine	176	C10H9FN2	064993-16-4	43
5	2-Phenyl-4-methyl-oxadiazol-1,3,...	176	C9H8N2O2	000879-60-7	43





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ClientSampleId : MW-1

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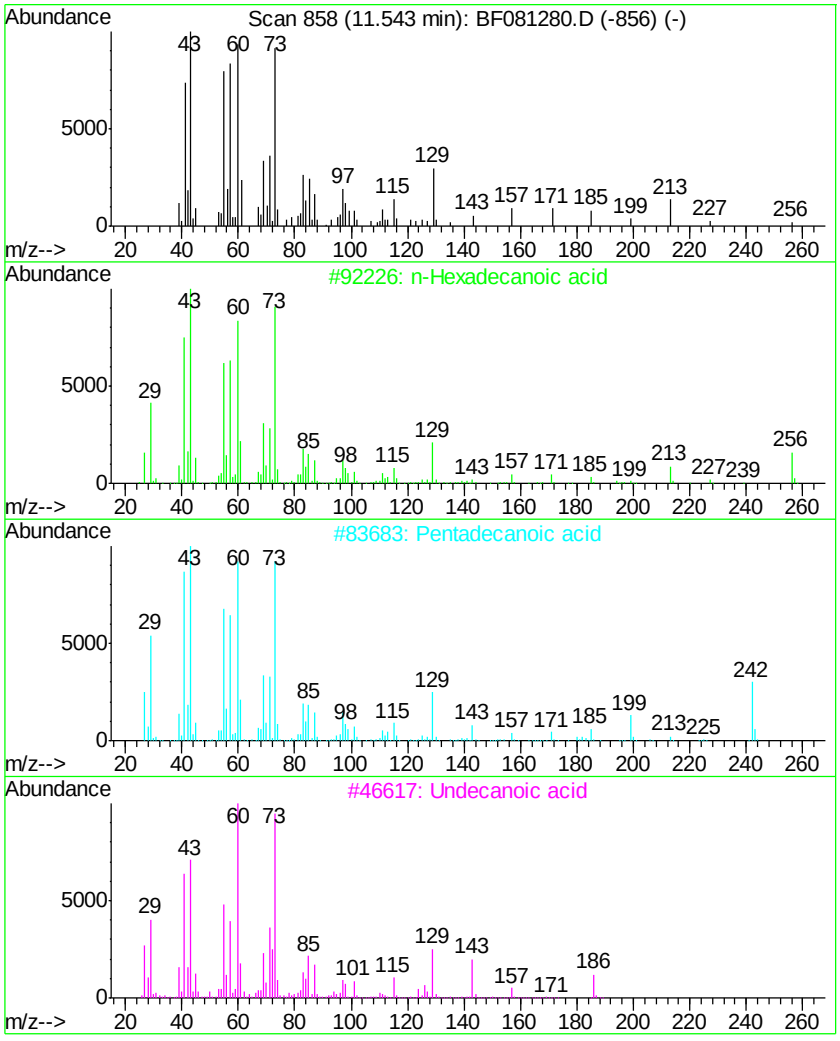
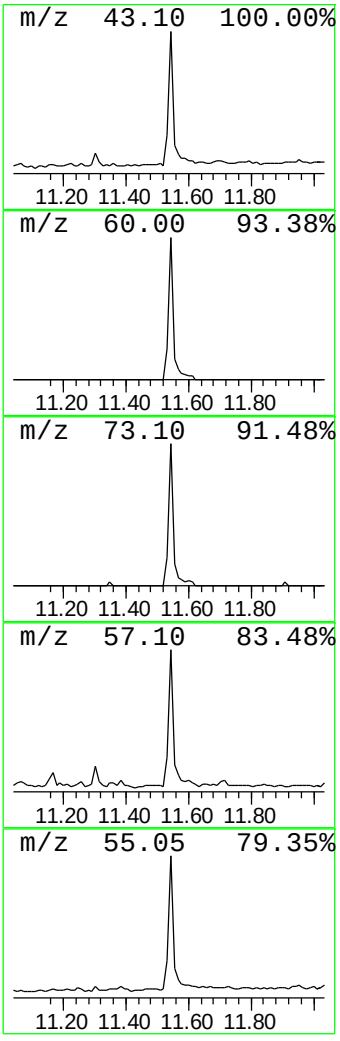
Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	6.07 ng	165160	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Undecanoic acid	186	C11H22O2	000112-37-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Sample : G3467-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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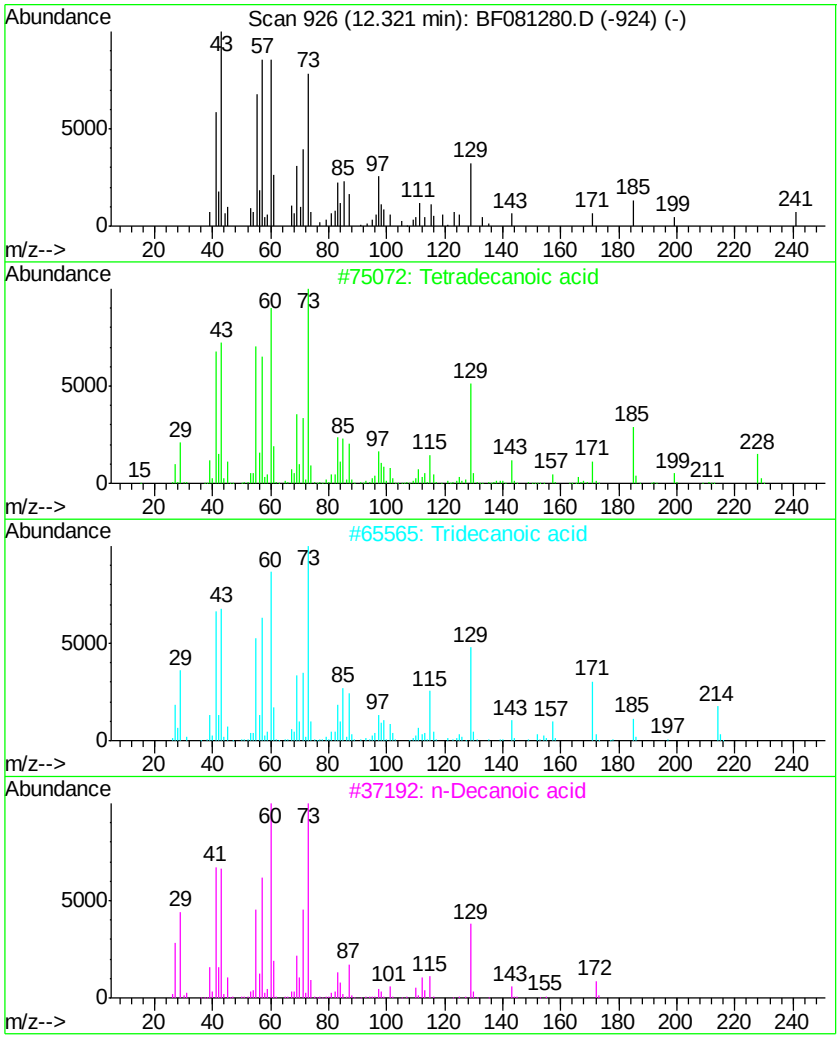
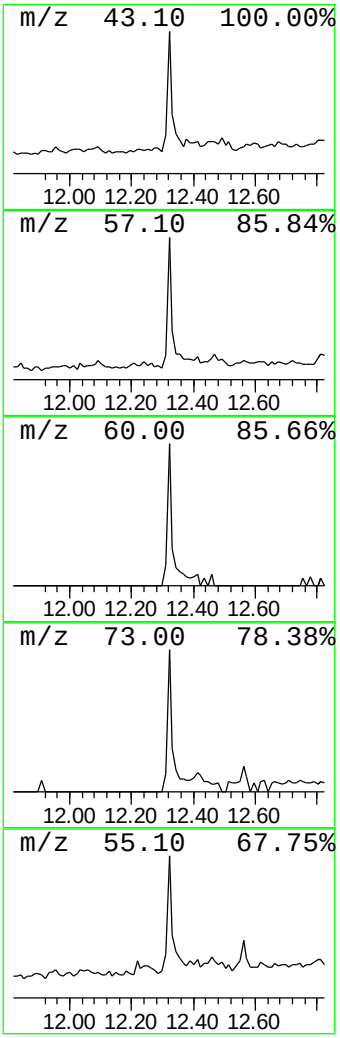
Peak Number 7 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	3.13 ng	82343	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	58
4	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	30
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	27





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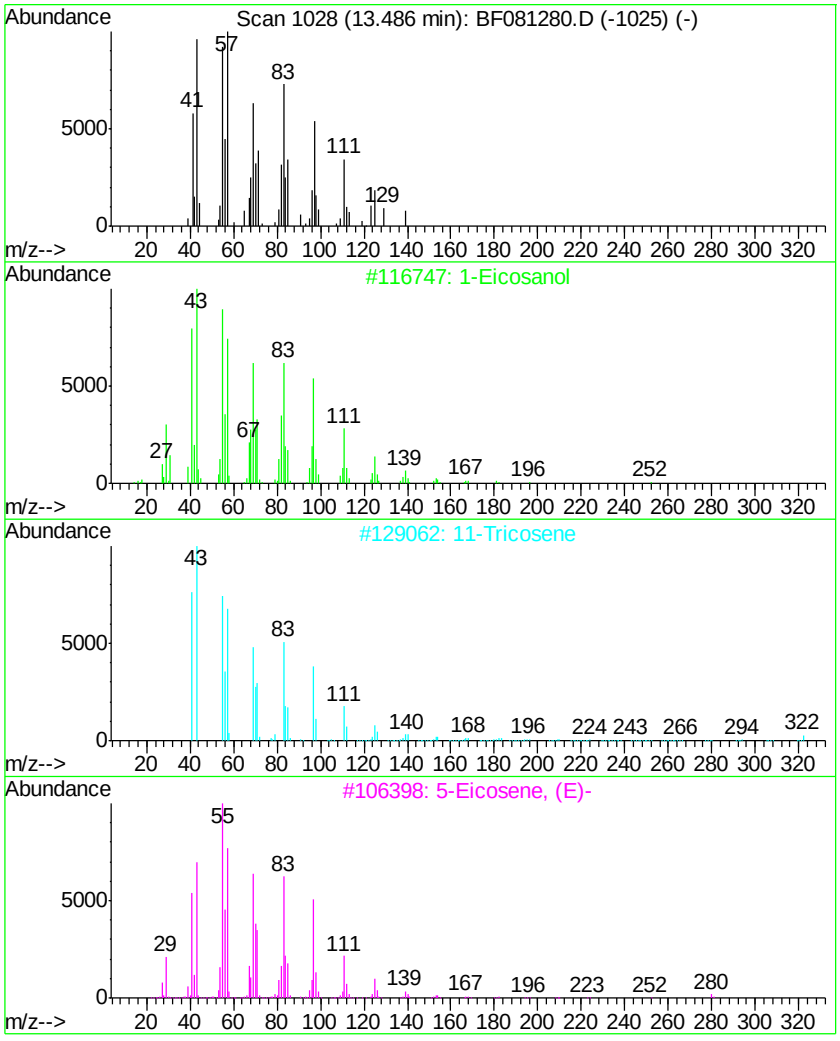
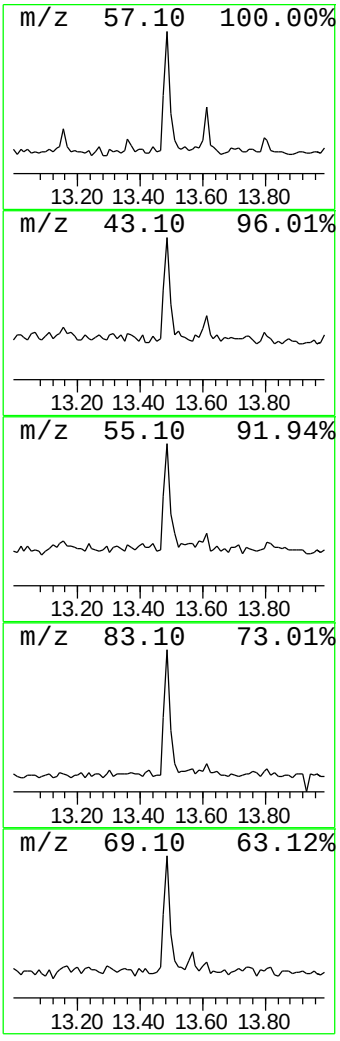
Peak Number 8 1-Eicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.26 ng	59412	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosanol	298	C20H42O	000629-96-9	87
2	11-Tricosene	322	C23H46	052078-56-5	86
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	72
4	1-Tetracosanol	354	C24H50O	000506-51-4	64
5	Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	64





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...	4.56	19.8	ng	387183	1	6.48	390442	20.0
unknown6.24	6.24	55.1	ng	1075920	1	6.48	390442	20.0
unknown10.62	10.62	4.5	ng	121368	4	10.98	543949	20.0
n-Hexadecanoic acid	11.54	6.1	ng	165160	4	10.98	543949	20.0
Tetradecanoic acid	12.32	3.1	ng	82343	5	13.59	525970	20.0
1-Eicosanol	13.49	2.3	ng	59412	5	13.59	525970	20.0