LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083171.D
Acq On : 22 Nov 2015 21:10
Operator : UM/IZ
Sample : G4443-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151109MGP213BRV68.7

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-BF112115.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	3.393	119	123	132	rBV	71942	157588	2.10%	0.290%
2	4.787	243	245	260	rBV	710374	1249780	16.69%	2.301%
3	5.061	267	269	274	rBV	224744	270492	3.61%	0.498%
4	5.256	284	286	302	rVV	2089644	3001148	40.07%	5.525%
5	6.307	376	378	386	rBV	1723278	1960612	26.18%	3.610%
6	6.421	386	388	391	rBV	5347410	5196961	69.39%	9.568%
7	6.650	406	408	410	rBV	1344246	1351220	18.04%	2.488%
8	6.810	419	422	424	rBV	4752407	5444827	72.70%	10.024%
9	6.913	429	431	436	rVB	118329	121084	1.62%	0.223%
10	7.222	455	458	461	rBV	4231944	4619413	61.68%	8.505%
11	7.690	495	499	500	rBV2	40651	80053	1.07%	0.147%
12	7.942	518	521	525	rBV2	1343232	2094109	27.96%	3.855%
13	8.010	525	527	531	rVB	108724	115696	1.54%	0.213%
14	9.016	612	615	618	rBV	6129797	7464167	99.66%	13.742%
15	9.416	648	650	655	rVB	75286	88452	1.18%	0.163%
16	9.519	657	659	661	rBV	86441	83321	1.11%	0.153%
17	9.633	667	669	671	rVB	95475	81922	1.09%	0.151%
18	9.679	671	673	676	rBV	1474900	1999000	26.69%	3.680%
19	10.136	709	713	714	rBV2	125880	200900	2.68%	0.370%
20	10.353	729	732	735	rBV	47329	86985	1.16%	0.160%
21	10.479	740	743	745	rBV	3236245	4648474	62.06%	8.558%
22	10.605	752	754	758	rVB	120164	136824	1.83%	0.252%
23	11.051	788	793	795	rBV	62892	82143	1.10%	0.151%
24	11.165	800	803	805	rVV	1648631	2017608	26.94%	3.715%
25	11.713	849	851	855	rBV2	103384	140815	1.88%	0.259%
26	12.491	917	919	922	rBV	126904	157131	2.10%	0.289%
27	12.582	925	927	930	rVV2	365182	364656	4.87%	0.671%
28	12.754	939	942	944	rBV	6125030	7489791	100.00%	13.789%
29	13.291	986	989	991	rBV	211658	239518	3.20%	0.441%
30	13.656	1018	1021	1025	rBV	104863	128731	1.72%	0.237%
31	13.782	1030	1032	1035	rBV	1904586	1830808	24.44%	3.371%
32	15.154	1149	1152	1154	rBV	951571	1411488	18.85%	2.599%

LSC Area Percent Report

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Acq On : 22 Nov 2015 21:10
Operator : UM/IZ
Sample : G4443-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151109MGP213BRV68.7

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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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-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

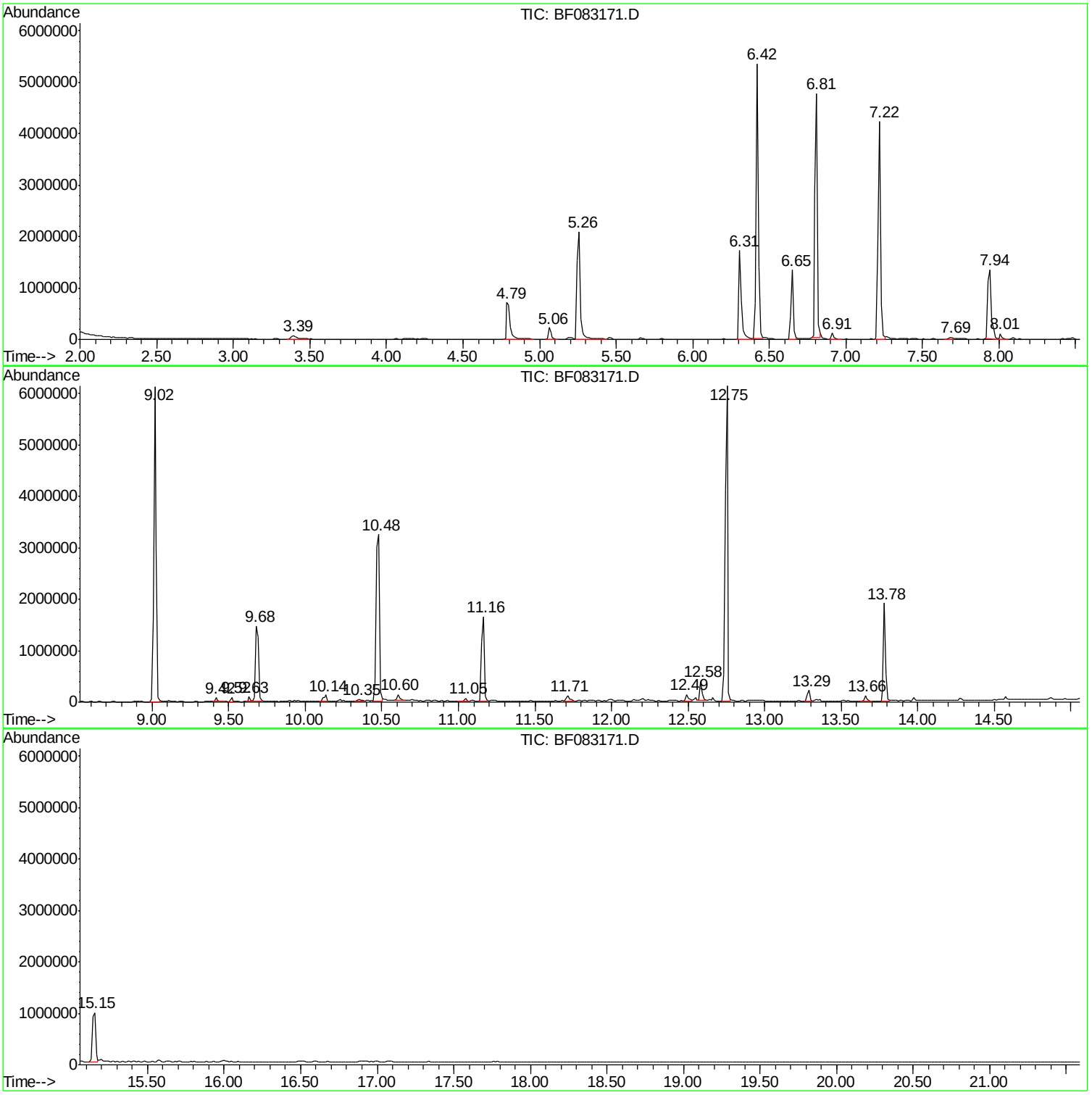
Sum of corrected areas: 54315717

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083171.D
Acq On : 22 Nov 2015 21:10
Operator : UM/IZ
Sample : G4443-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151109MGP213BRV68.7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
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Instrument : BNA_F
ClientSampleId : 20151109MGP213BRV68.7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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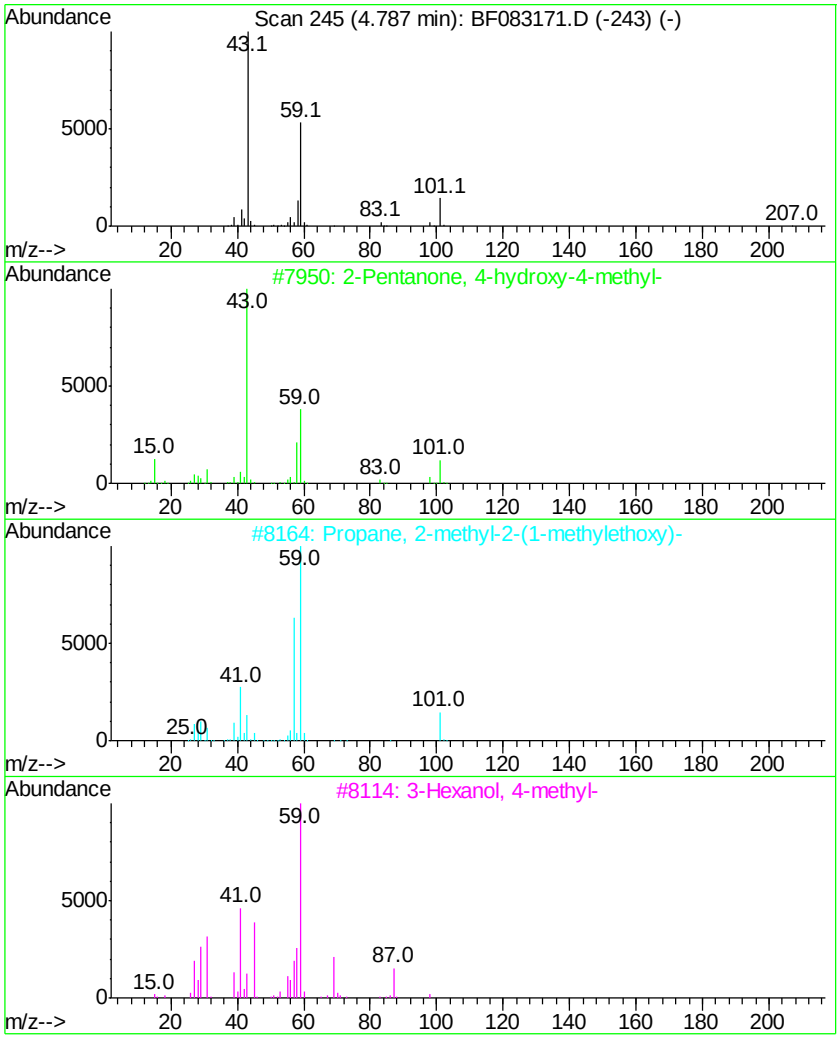
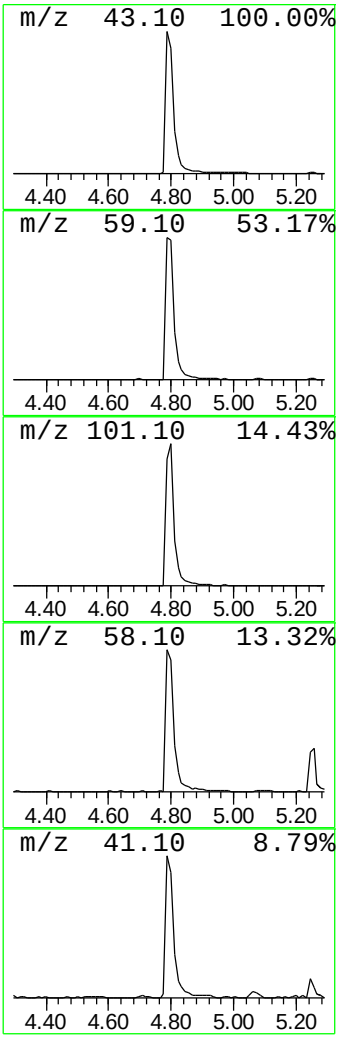
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	18.50 ng	1249780	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083171.D
Acq On : 22 Nov 2015 21:10
Operator : UM/IZ
Sample : G4443-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151109MGP213BRV68.7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.M
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TIC Library : C:\DATABASE\NIST02.L
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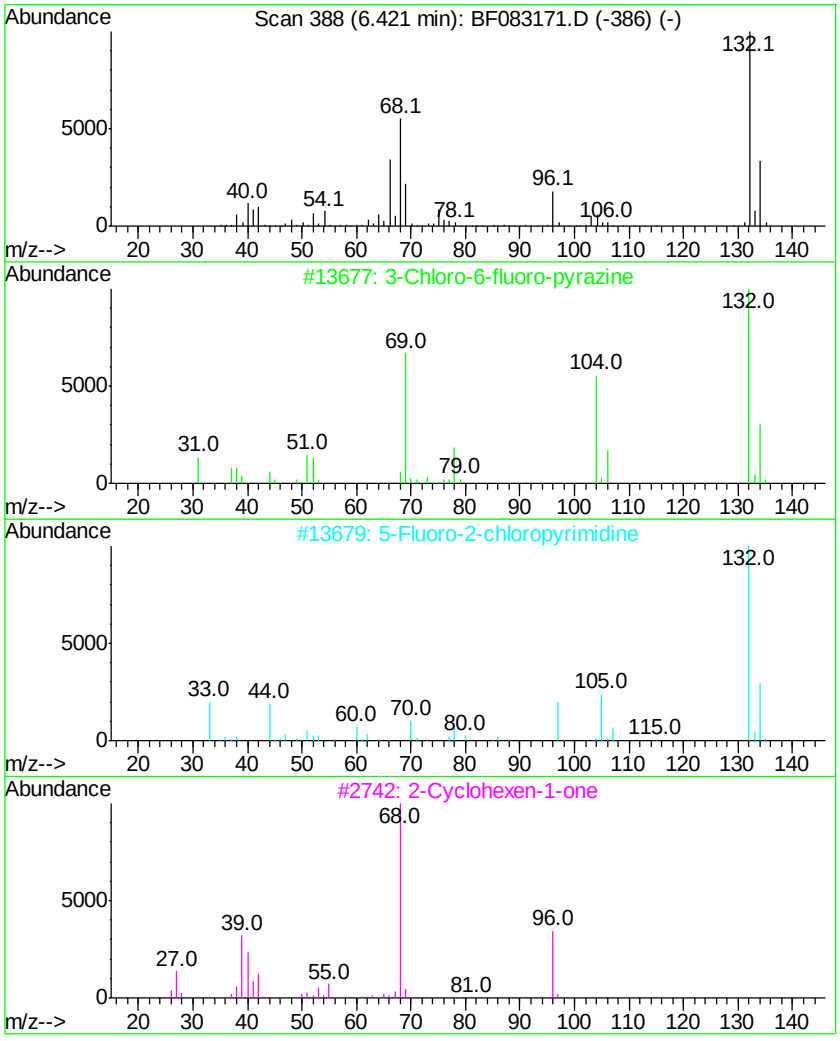
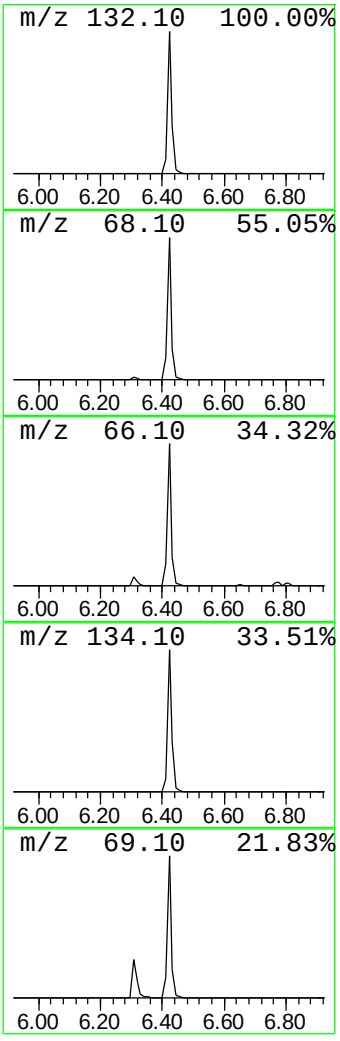
Peak Number 4 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	76.92 ng	5196960	1,4-Dichlorobenzene-d4	6.65

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
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Sample : G4443-01
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151109MGP213BRV68.7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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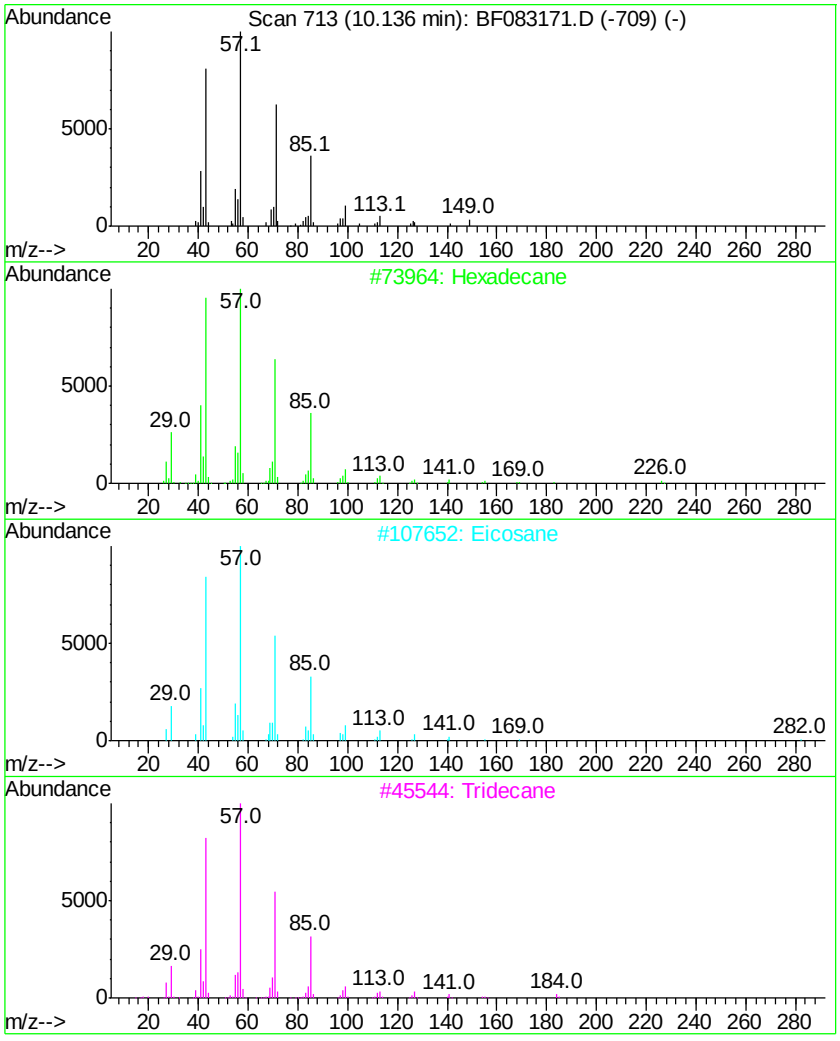
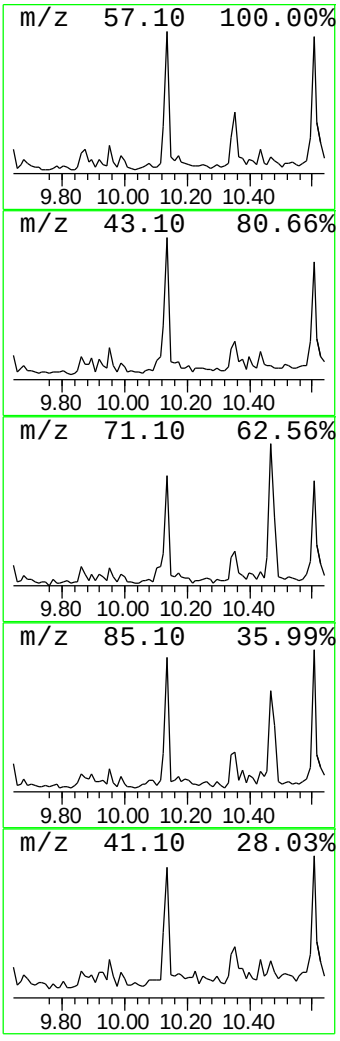
Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	2.01 ng	200900	Acenaphthene-d10	9.68

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	Tridecane	184	C13H28	000629-50-5	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Pentadecane	212	C15H32	000629-62-9	83





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Misc :
ALS Vial : 59 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
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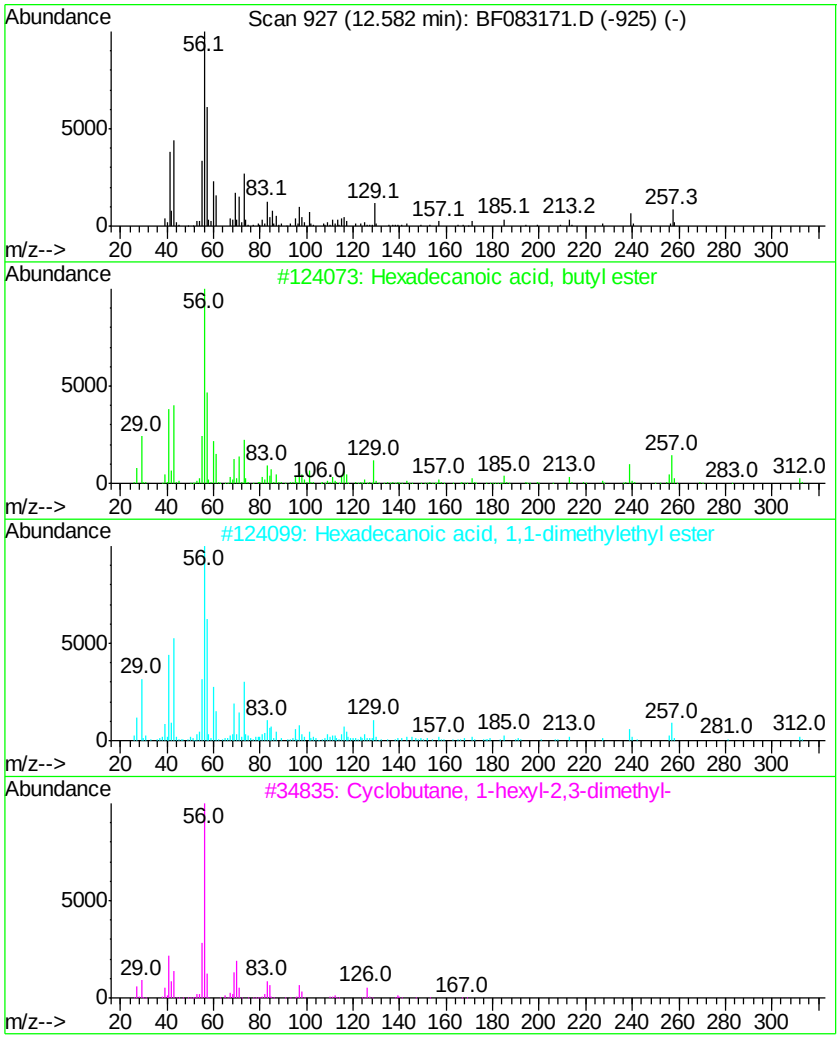
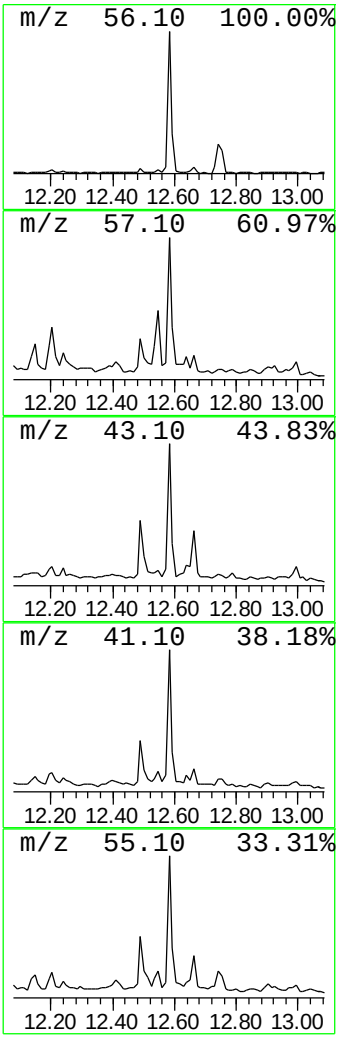
Peak Number 7 unknown12.58 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	3.98 ng	364656	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	49
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	47
3	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	43
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	38





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ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151109MGP213BRV68.7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
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TIC Library : C:\DATABASE\NIST02.L
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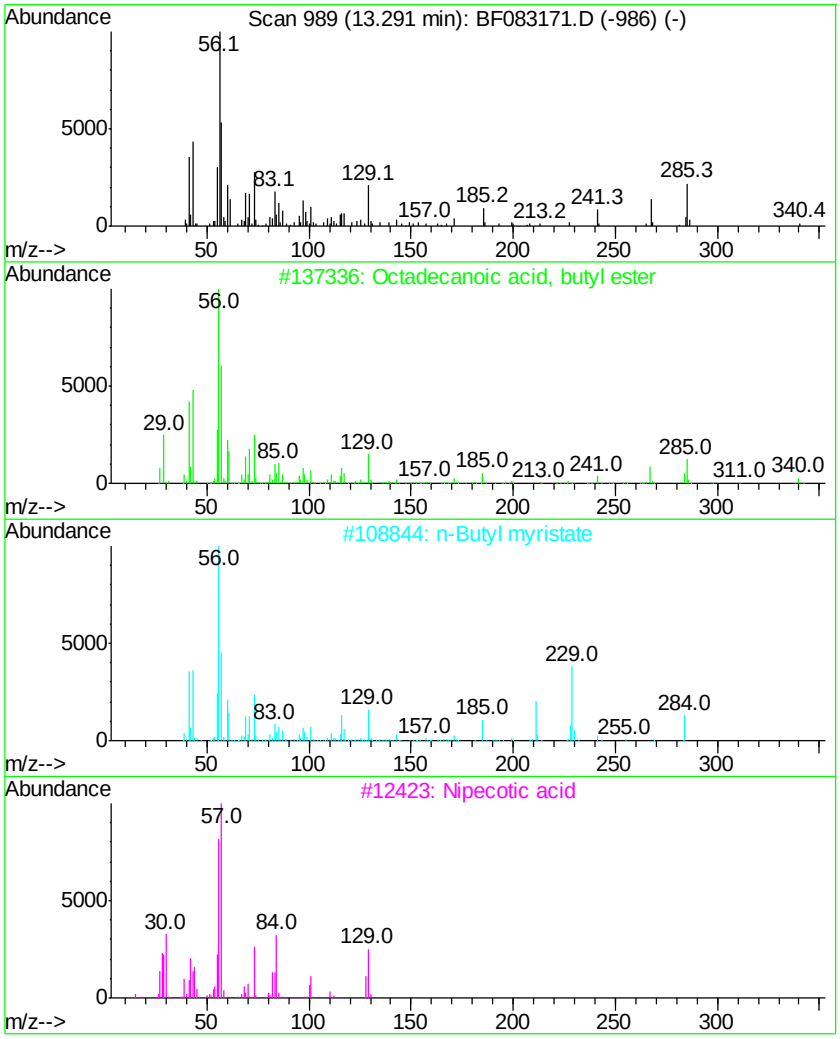
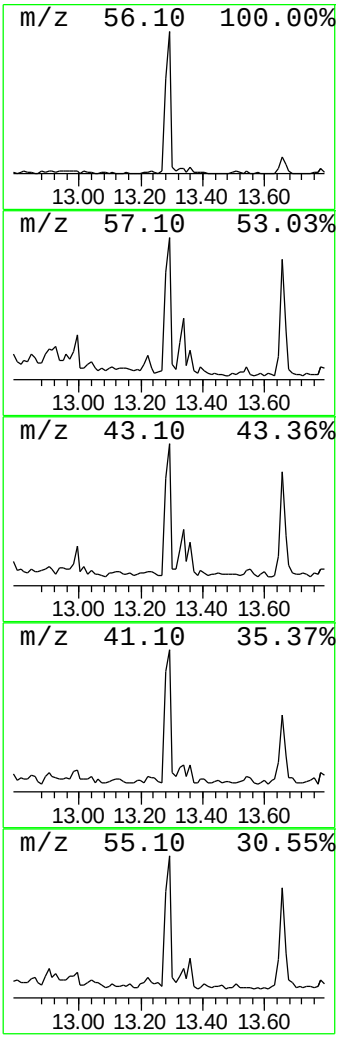
****

Peak Number 8 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.62 ng	239518	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2	n-Butyl myristate	284	C18H36O2	000110-36-1	64
3	Nipecotic acid	129	C6H11NO2	000498-95-3	40
4	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	30
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27





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...	4.79	18.5	ng	1249780	1	6.65	1351220	20.0
unknown6.42	6.42	76.9	ng	5196960	1	6.65	1351220	20.0
Hexadecane	10.14	2.0	ng	200900	3	9.68	1999000	20.0
unknown12.58	12.58	4.0	ng	364656	5	13.78	1830810	20.0
Octadecanoic acid...	13.29	2.6	ng	239518	5	13.78	1830810	20.0