LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082923.D
Acq On : 14 Nov 2015 4:45
Operator : UM/IZ
Sample : G4382-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-12

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-BF110715.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	4.979	251	253	256	rVB	812282	861131	16.26%	2.263%
2	5.424	290	292	295	rBV	2153510	2261727	42.71%	5.945%
3	6.464	381	383	385	rBV	1931846	1648096	31.12%	4.332%
4	6.579	391	393	396	rBV	3608862	3788225	71.54%	9.957%
5	6.807	411	413	415	rBV	1137784	1140127	21.53%	2.997%
6	6.967	424	427	429	rVB	3469587	3933245	74.28%	10.339%
7	7.367	459	462	465	rVB	2510939	3344937	63.17%	8.792%
8	7.836	500	503	505	rBV2	34241	55387	1.05%	0.146%
9	8.087	523	525	527	rBV	1078216	1384241	26.14%	3.638%
10	9.048	602	609	612	rBV3	47359	140044	2.64%	0.368%
11	9.173	617	620	623	rBV	5724283	5295285	100.00%	13.919%
12	9.505	648	649	653	rBV4	37424	61180	1.16%	0.161%
13	9.573	653	655	656	rBV	63546	82569	1.56%	0.217%
14	9.790	672	674	677	rBV	105142	86276	1.63%	0.227%
15	9.848	677	679	681	rVV	1825984	1544894	29.17%	4.061%
16	10.293	713	718	719	rVB2	113847	149469	2.82%	0.393%
17	10.511	735	737	740	rVB	42242	56805	1.07%	0.149%
18	10.636	746	748	751	rBV2	2629347	3204440	60.51%	8.423%
19	10.762	758	759	764	rVB	132713	132550	2.50%	0.348%
20	11.208	794	798	800	rBV	70072	90447	1.71%	0.238%
21	11.334	807	809	811	rBV	1520685	1452152	27.42%	3.817%
22	11.802	848	850	852	rBV	47410	68264	1.29%	0.179%
23	11.871	854	856	861	rVB2	108164	186757	3.53%	0.491%
24	11.996	865	867	869	rBV	191119	228796	4.32%	0.601%
25	12.316	893	895	897	rVB	56256	55600	1.05%	0.146%
26	12.374	898	900	902	rBV	78826	78573	1.48%	0.207%
27	12.659	923	925	927	rBV	137905	144783	2.73%	0.381%
28	12.717	928	930	932	rVB2	55332	69026	1.30%	0.181%
29	12.922	945	948	950	rBV	4732256	4361331	82.36%	11.464%
30	13.825	1025	1027	1030	rBV	69428	80377	1.52%	0.211%
31	13.962	1037	1039	1042	rBV	906925	1030785	19.47%	2.709%
32	15.391	1161	1164	1166	rBV	681203	1026911	19.39%	2.699%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082923.D
Acq On : 14 Nov 2015 4:45
Operator : UM/IZ
Sample : G4382-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
URS MW-12

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-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 38044430

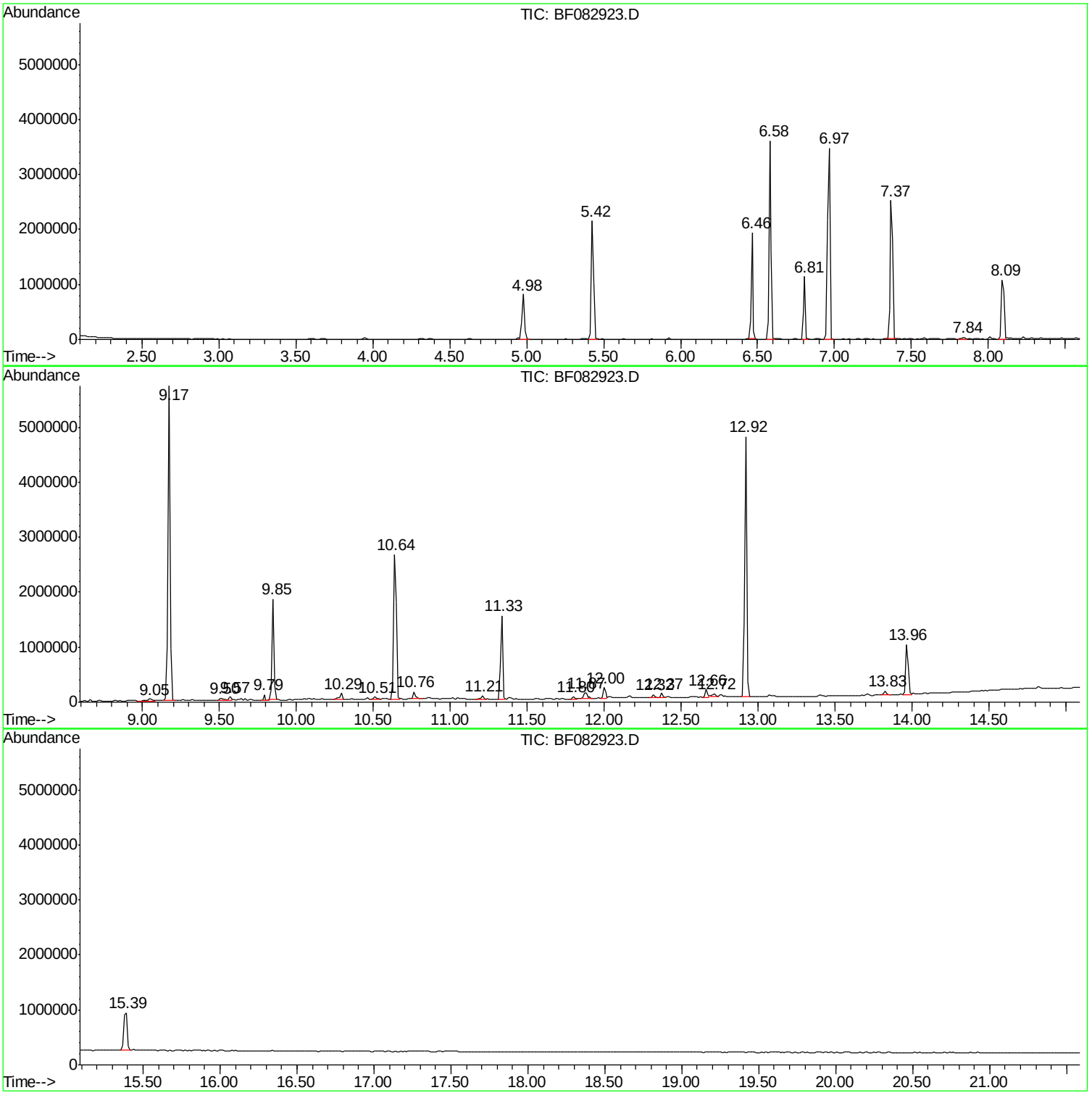
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082923.D
Acq On : 14 Nov 2015 4:45
Operator : UM/IZ
Sample : G4382-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082923.D
Acq On : 14 Nov 2015 4:45
Operator : UM/IZ
Sample : G4382-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

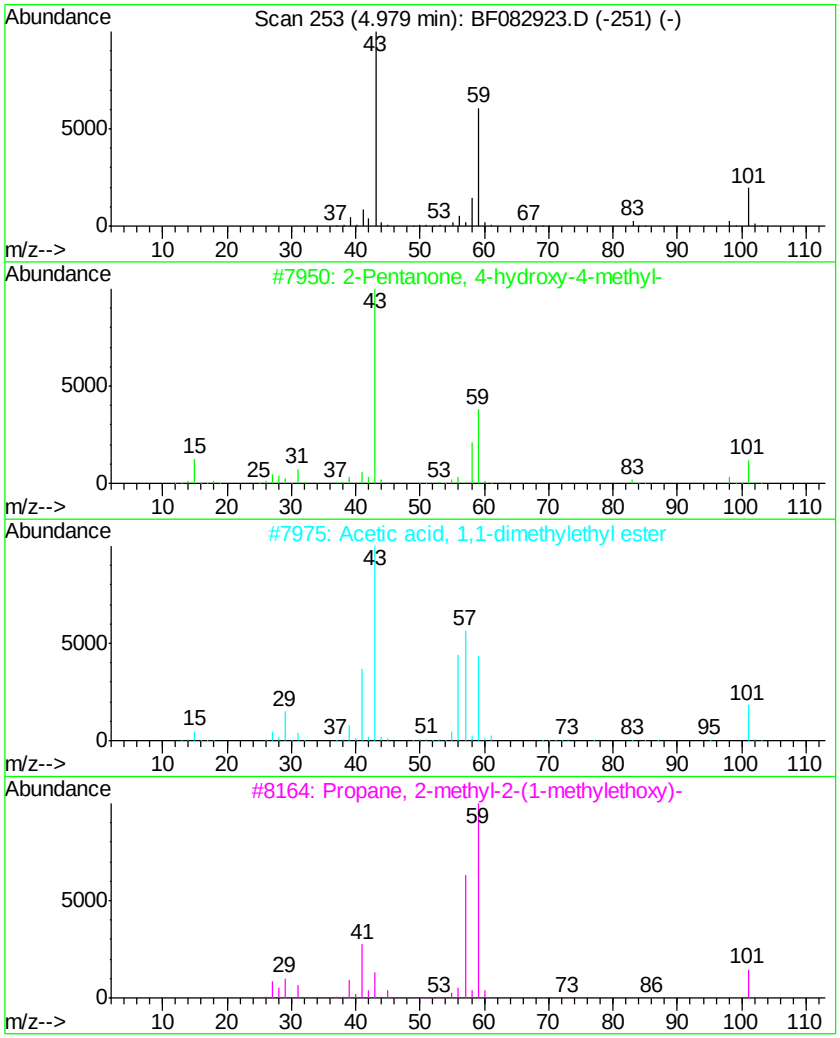
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

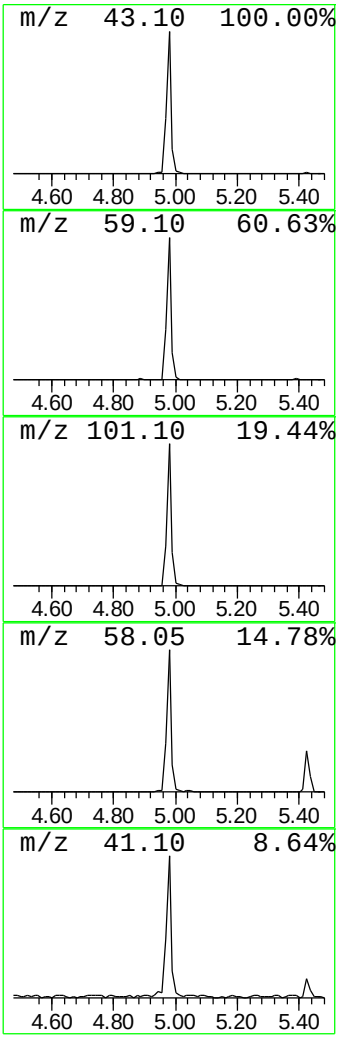
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	15.11 ng	861131	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082923.D
Acq On : 14 Nov 2015 4:45
Operator : UM/IZ
Sample : G4382-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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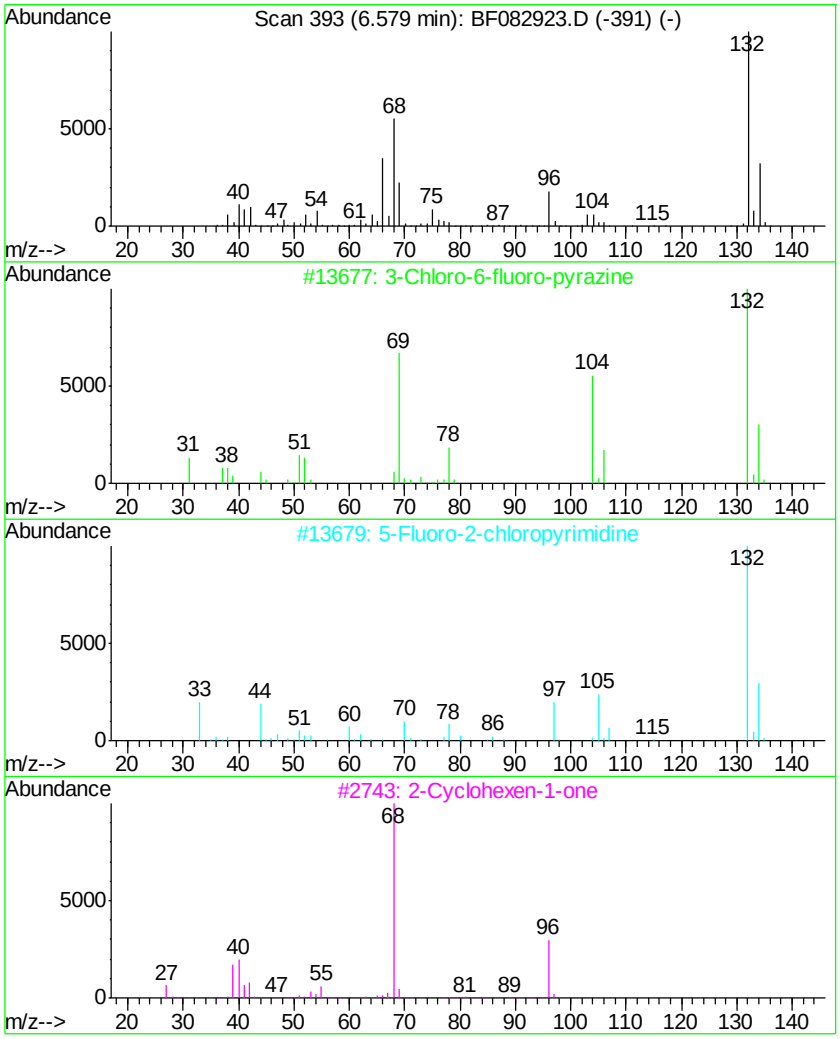
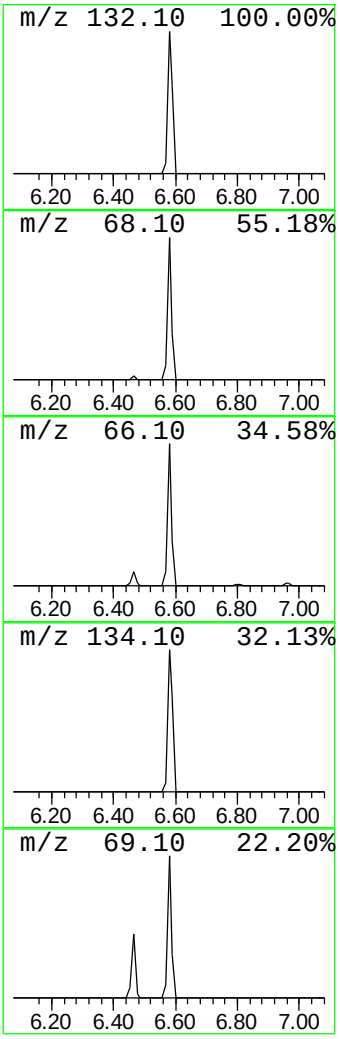
Peak Number 2 unknown6.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	66.45 ng	3788230	1,4-Dichlorobenzene-d4	6.81

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\BF111315\
Data File : BF082923.D
Acq On : 14 Nov 2015 4:45
Operator : UM/IZ
Sample : G4382-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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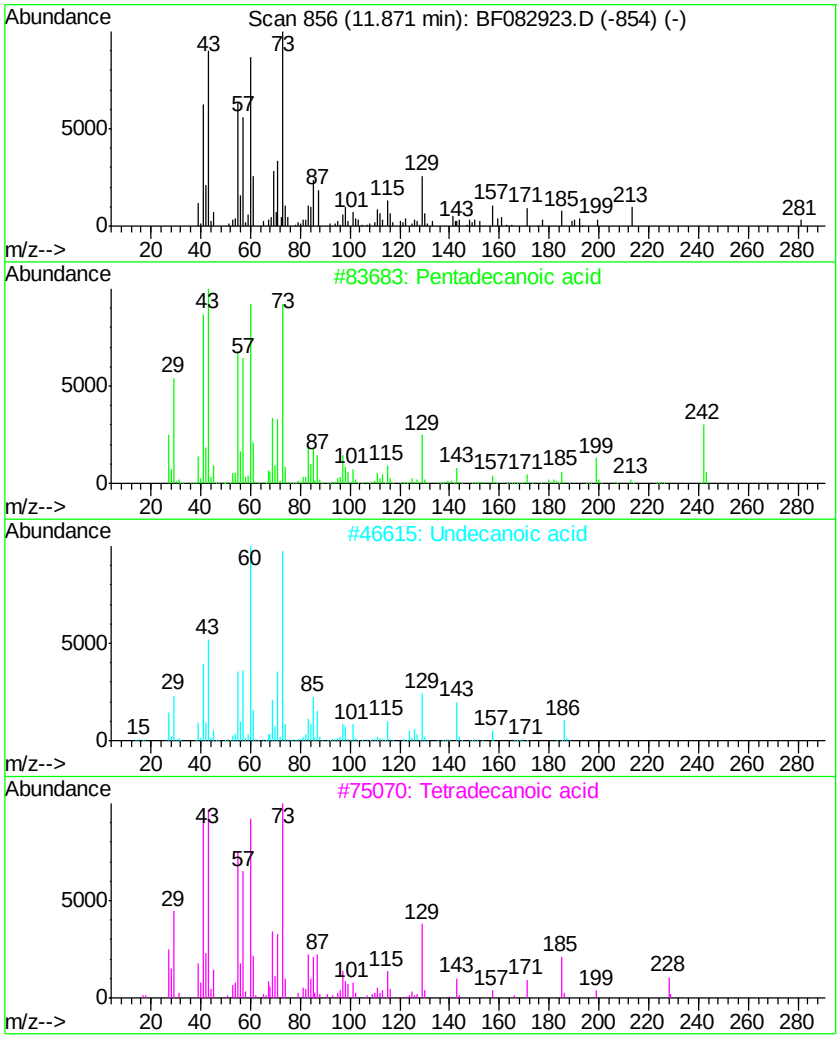
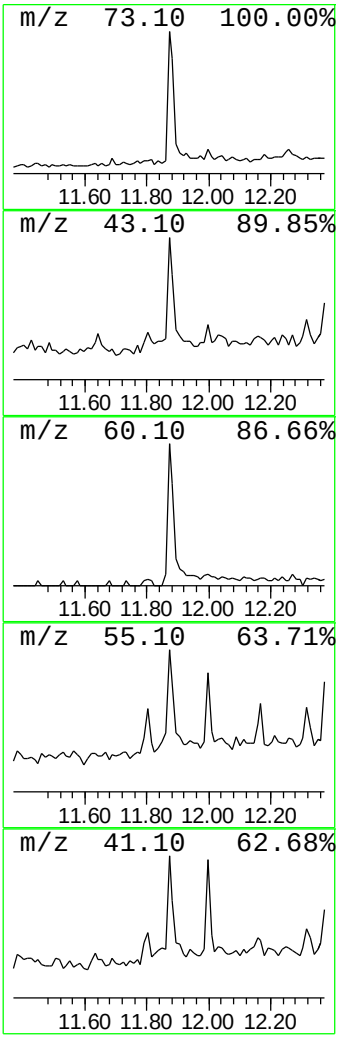
Peak Number 4 Pentadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.57 ng	186757	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
2	Undecanoic acid	186	C11H22O2	000112-37-8	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082923.D
Acq On : 14 Nov 2015 4:45
Operator : UM/IZ
Sample : G4382-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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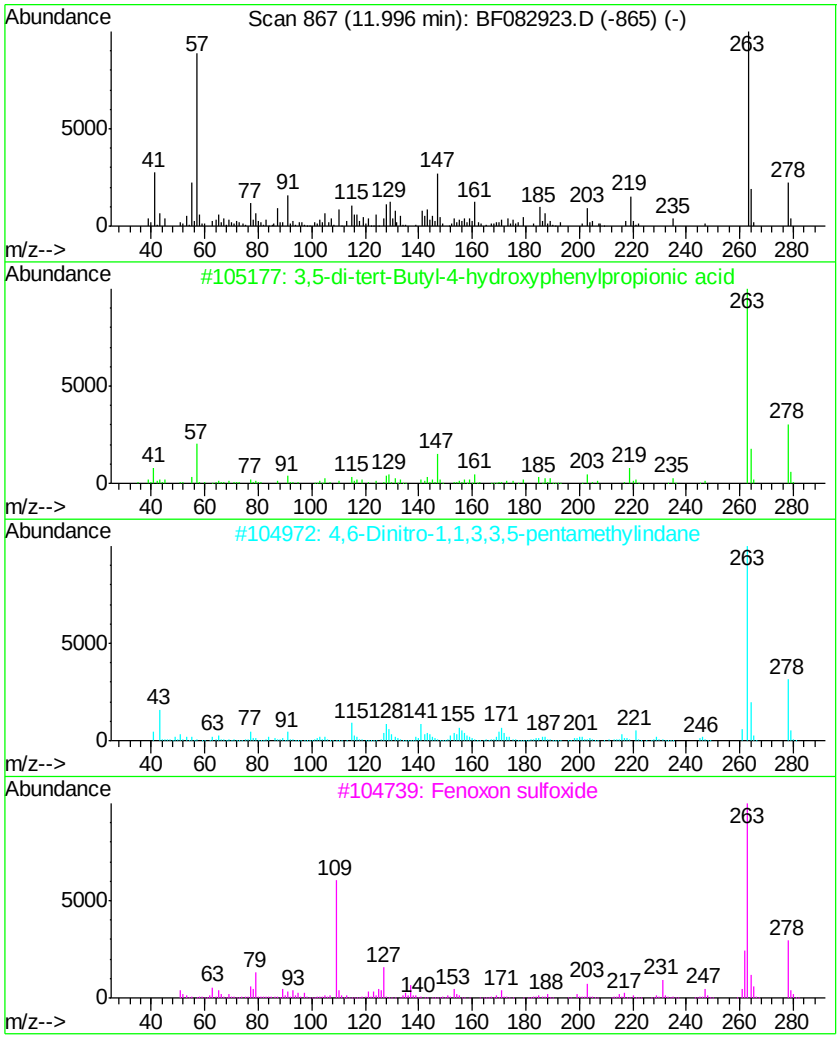
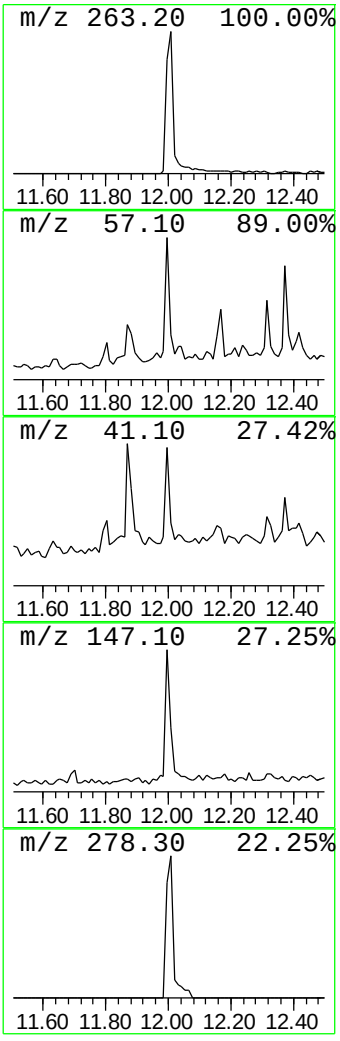
Peak Number 5 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.15 ng	228796	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxyphenyl...	278	C17H26O3	020170-32-5	94
2	4,6-Dinitro-1,1,3,3,5-pentamethyl...	278	C14H18N2O4	000116-66-5	50
3	Fenoxon sulfoxide	278	C10H15O5PS	006552-13-2	49
4	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	47
5	Pentan-2-one, 4-(2-fluorenylimino)-	263	C18H17NO	050651-58-6	43





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Sample : G4382-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

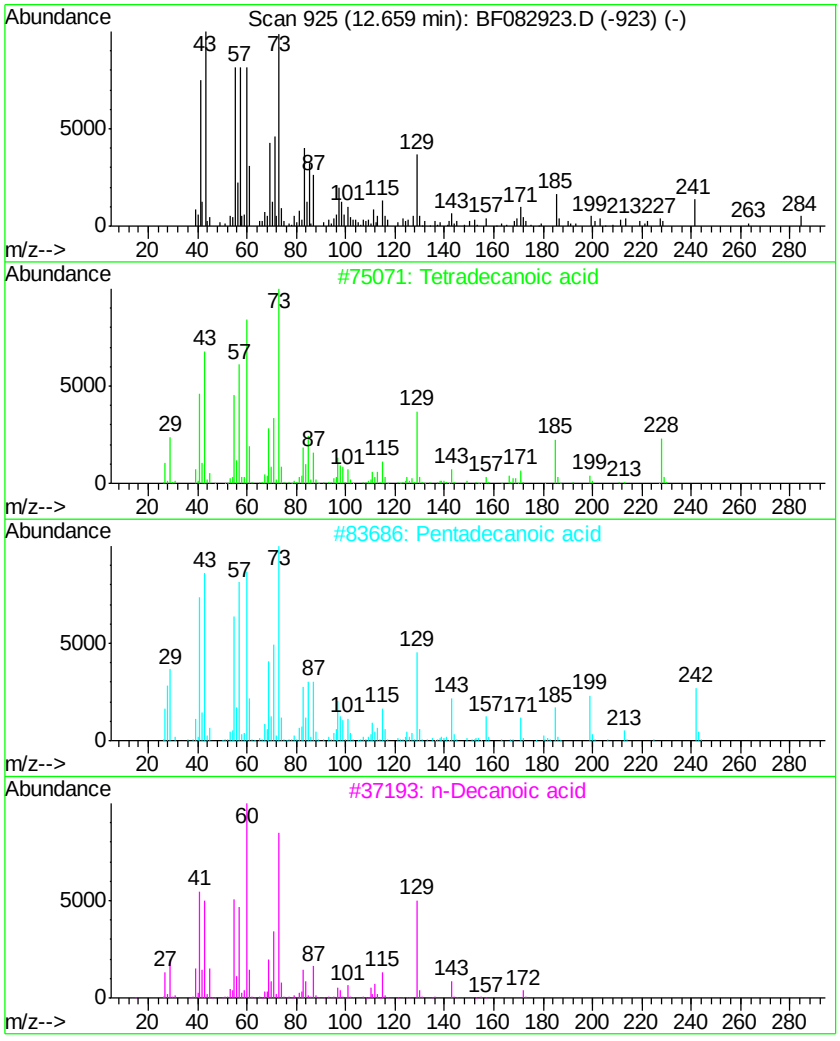
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

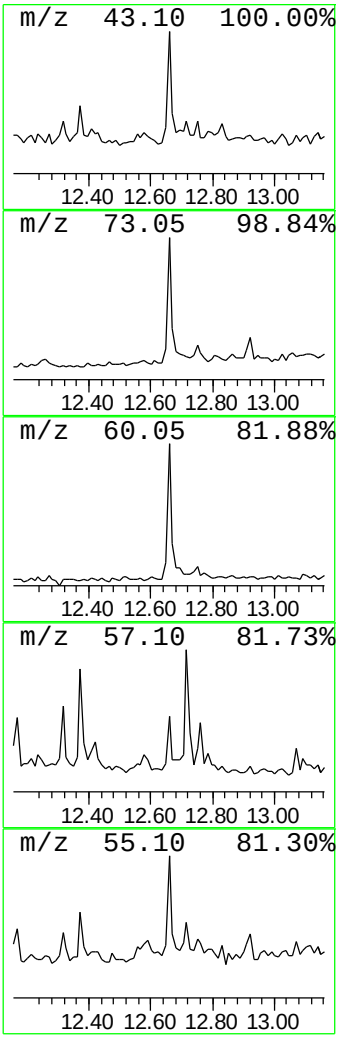
****

Peak Number 6 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	2.81 ng	144783	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
3	n-Decanoic acid	172	C10H20O2	000334-48-5	46
4	Undecanoic acid	186	C11H22O2	000112-37-8	46
5	Tridecanoic acid	214	C13H26O2	000638-53-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082923.D
Acq On : 14 Nov 2015 4:45
Operator : UM/IZ
Sample : G4382-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
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...	4.98	15.1	ng	861131	1	6.81	1140130	20.0
unknown6.58	6.58	66.5	ng	3788230	1	6.81	1140130	20.0
Pentadecanoic acid	11.87	2.6	ng	186757	4	11.33	1452150	20.0
3,5-di-tert-Butyl...	12.00	3.1	ng	228796	4	11.33	1452150	20.0
Tetradecanoic acid	12.66	2.8	ng	144783	5	13.96	1030790	20.0