LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078873.D
Acq On : 1 May 2015 3:29
Operator : TP/IZ
Sample : G2044-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-58D

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-BF043015.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	1.541	28	31	34	rVB	6566415	7831773	100.00%	21.158%
2	1.678	39	43	50	rVB	236791	535512	6.84%	1.447%
3	1.781	50	52	57	rBV	256942	422843	5.40%	1.142%
4	1.861	57	59	62	rVB	245708	372359	4.75%	1.006%
5	1.907	62	63	87	rVB	2167911	3716352	47.45%	10.040%
6	5.176	347	349	355	rVB	509988	730021	9.32%	1.972%
7	5.667	390	392	395	rBV	1842177	2272132	29.01%	6.138%
8	6.925	499	502	504	rBV	2374096	2548616	32.54%	6.885%
9	7.085	513	516	518	rBV	2355933	2517655	32.15%	6.802%
10	7.370	539	541	543	rBV	546234	491610	6.28%	1.328%
11	7.553	555	557	560	rVB	1380675	1856322	23.70%	5.015%
12	8.056	599	601	604	rBV	1258837	1429464	18.25%	3.862%
13	8.948	677	679	681	rBV	772378	671801	8.58%	1.815%
14	10.296	794	797	799	rBV	3148794	2895054	36.97%	7.821%
15	10.799	838	841	843	rBV	165229	159616	2.04%	0.431%
16	11.131	867	870	872	rVB	514320	710465	9.07%	1.919%
17	12.102	953	955	958	rBV	1741296	1789098	22.84%	4.833%
18	12.971	1028	1031	1034	rBV	820003	744903	9.51%	2.012%
19	14.971	1203	1206	1208	rBV	3132653	3057806	39.04%	8.261%
20	16.125	1305	1307	1312	rBV	179941	261625	3.34%	0.707%
21	16.263	1317	1319	1321	rVV	798016	813080	10.38%	2.197%
22	16.297	1321	1322	1325	rVB	163508	182433	2.33%	0.493%
23	17.794	1450	1453	1457	rBV3	27418	83242	1.06%	0.225%
24	17.977	1467	1469	1472	rBV	584496	836884	10.69%	2.261%
25	20.137	1655	1658	1663	rVB6	35858	84855	1.08%	0.229%

Sum of corrected areas: 37015521

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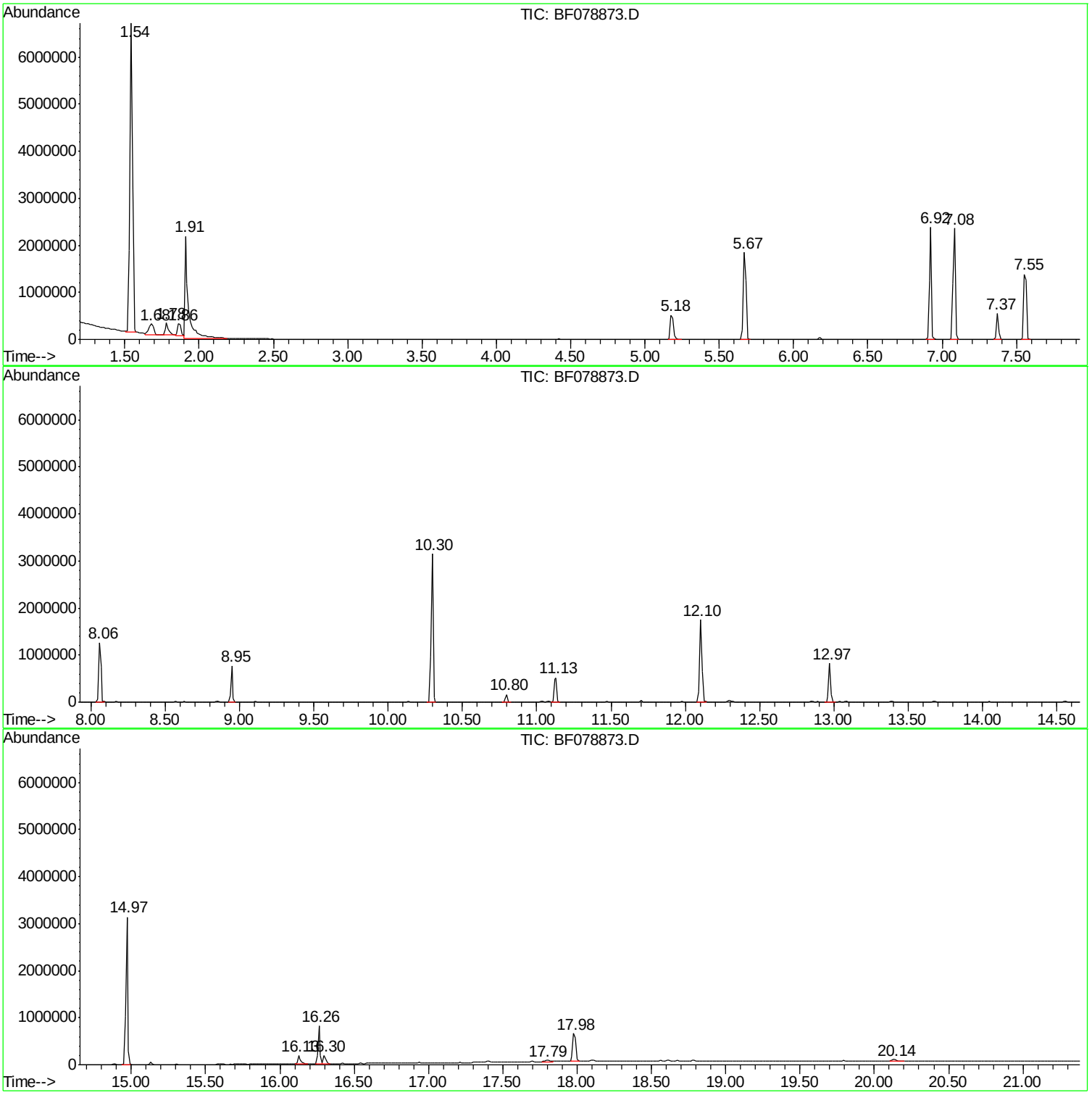
Instrument :
BNA_F
ClientSampleId :
SB-58D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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\BF043015\
Data File : BF078873.D
Acq On : 1 May 2015 3:29
Operator : TP/IZ
Sample : G2044-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-58D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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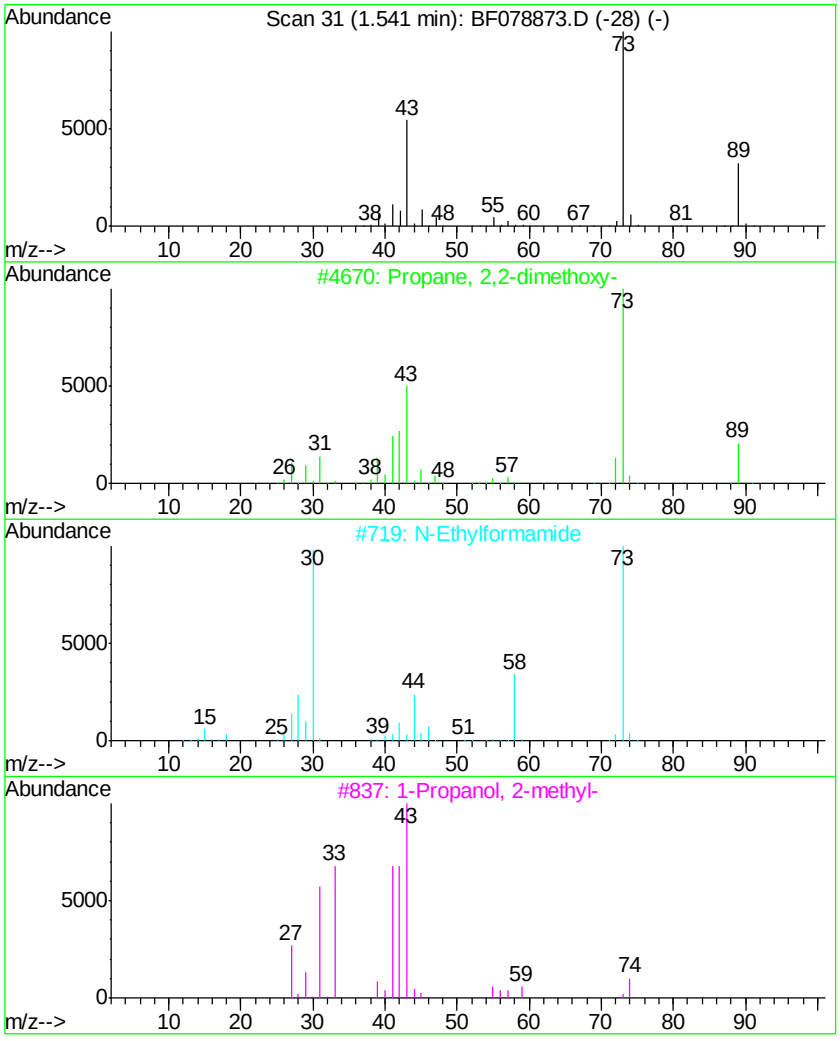
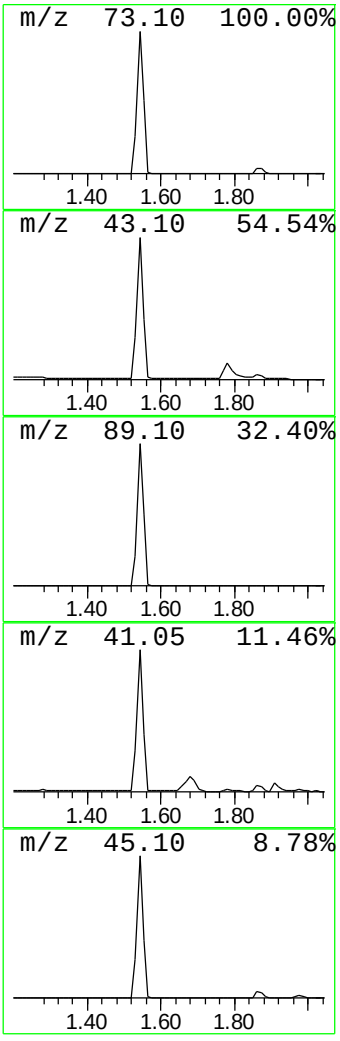
Peak Number 1 unknown1.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.54	318.62 ng	7831770	1,4-Dichlorobenzene-d4	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Acq On : 1 May 2015 3:29
Operator : TP/IZ
Sample : G2044-14
Misc :
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Instrument : BNA_F
ClientSampleId : SB-58D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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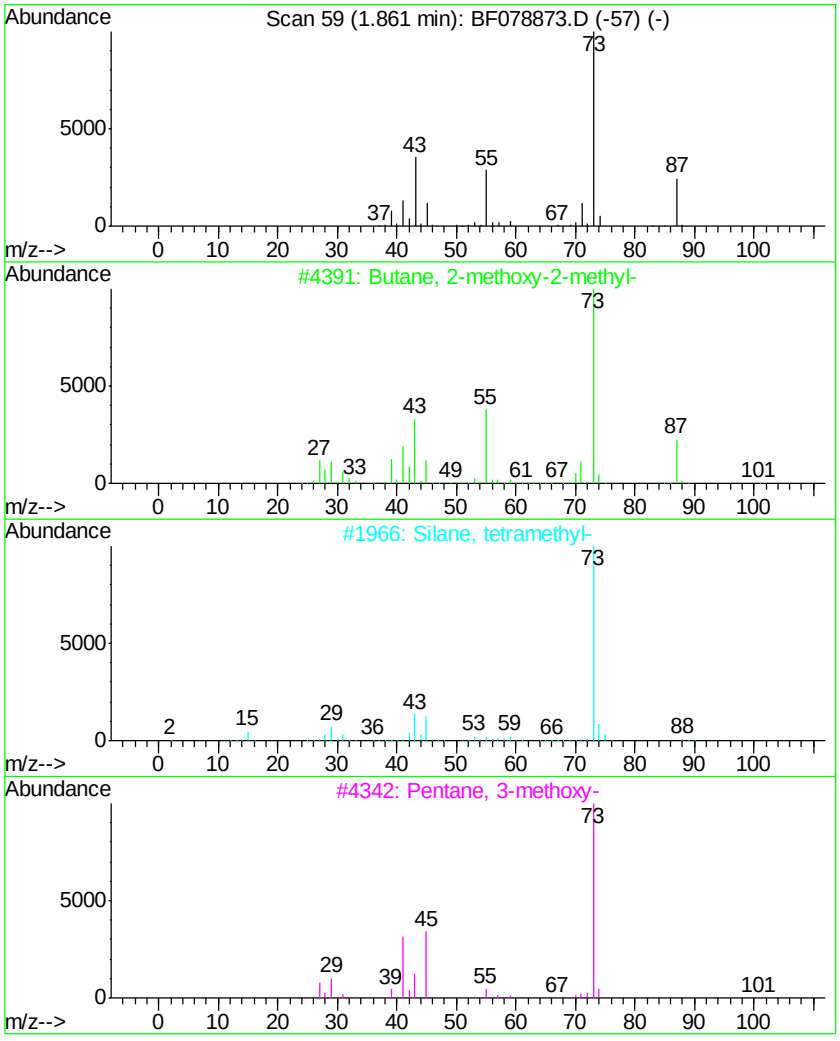
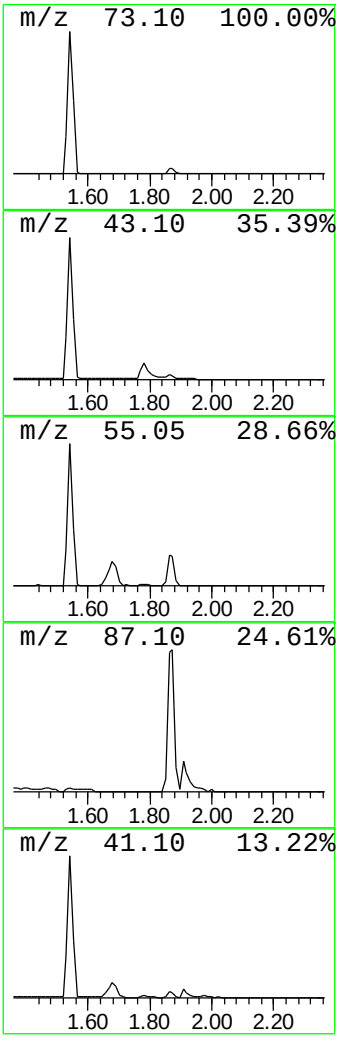
Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.86	15.15 ng	372359	1,4-Dichlorobenzene-d4	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078873.D
Acq On : 1 May 2015 3:29
Operator : TP/IZ
Sample : G2044-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-58D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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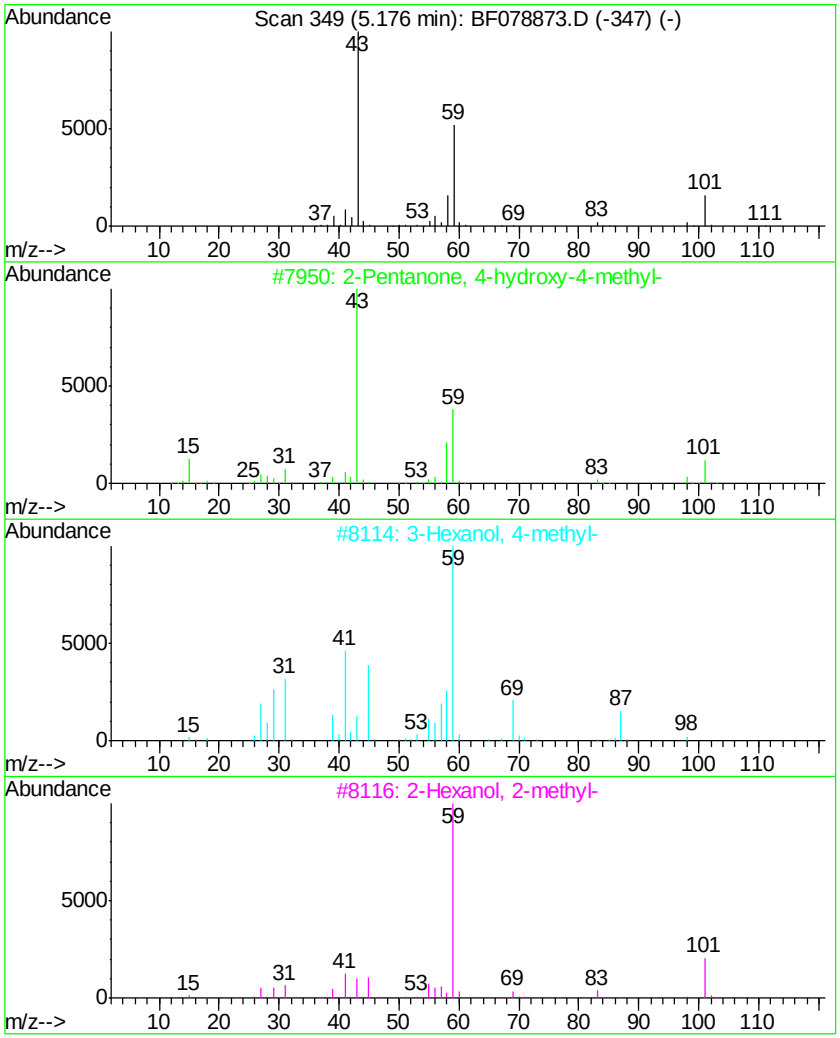
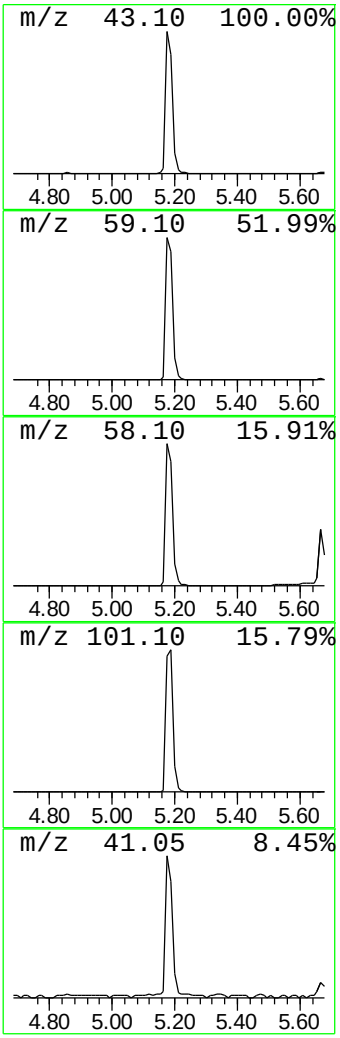
Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	29.70 ng	730021	1,4-Dichlorobenzene-d4	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	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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Instrument : BNA_F
ClientSampleId : SB-58D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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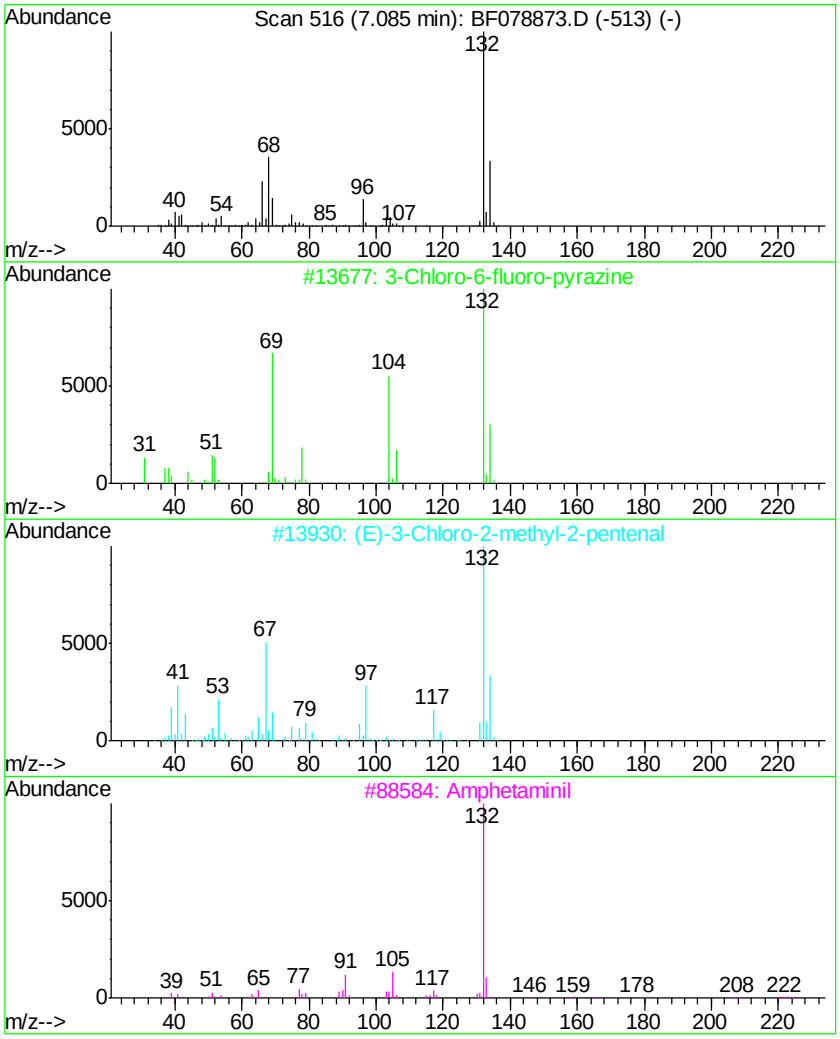
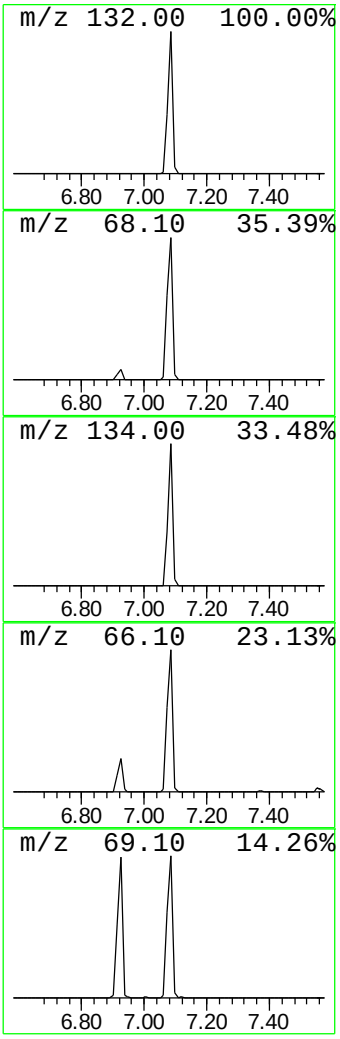
Peak Number 7 unknown7.08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	102.43 ng	2517660	1,4-Dichlorobenzene-d4	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078873.D
Acq On : 1 May 2015 3:29
Operator : TP/IZ
Sample : G2044-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-58D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

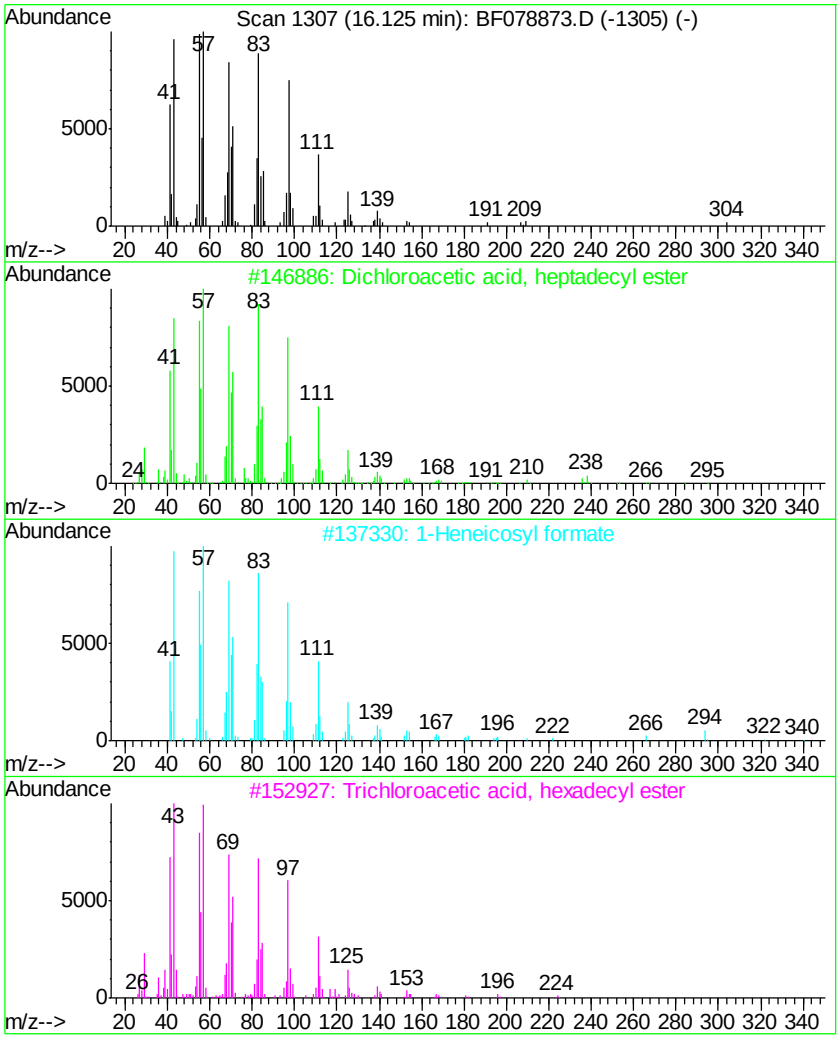
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

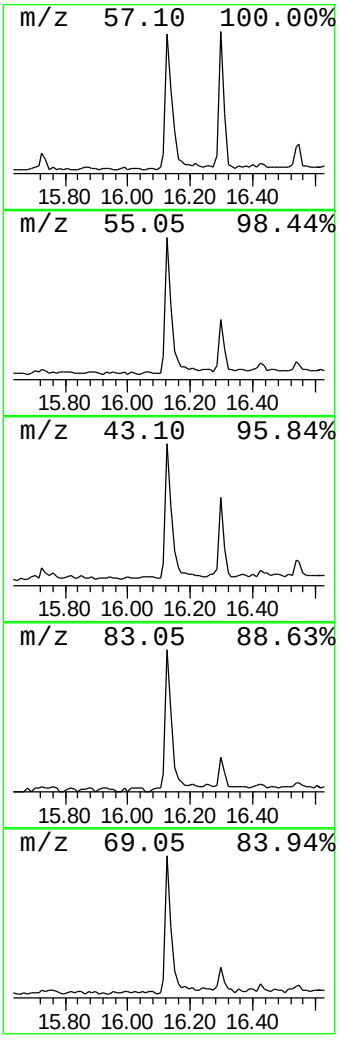
****

Peak Number 9 Dichloroacetic acid, heptad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	6.44 ng	261625	Chrysene-d12	16.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
5	1-Nonadecene	266	C19H38	018435-45-5	91





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-58D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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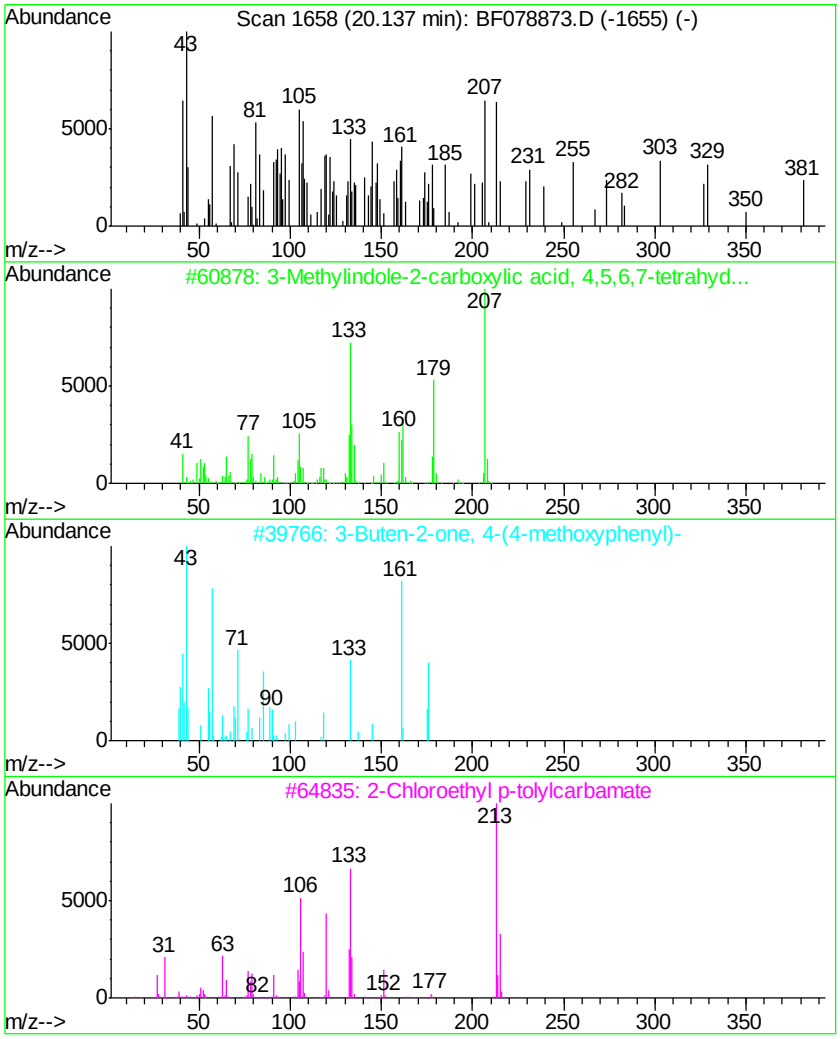
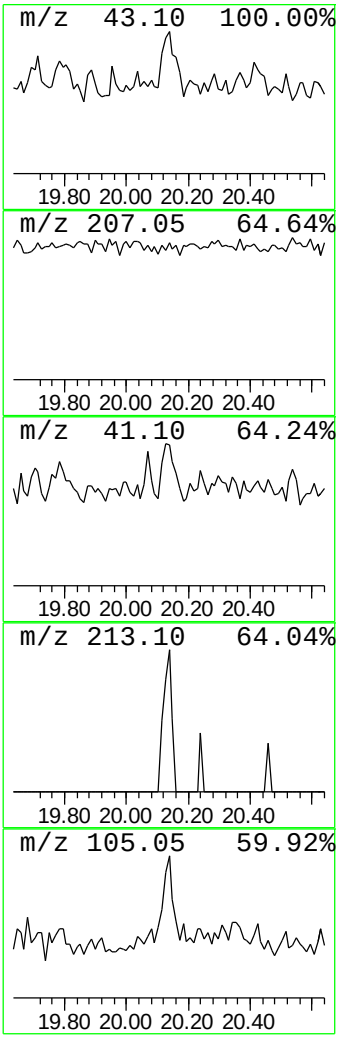
Peak Number 10 unknown20.14 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	2.03 ng	84855	Perylene-d12	17.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylindole-2-carboxylic acid...	207	C12H17NO2	037945-37-2	18
2	3-Buten-2-one, 4-(4-methoxyphenyl)-	176	C11H12O2	000943-88-4	10
3	2-Chloroethyl p-tolylcarbamate	213	C10H12ClNO2	074552-28-6	10
4	Benzene, 1,3,5-tricyclopentyl-	282	C21H30	018970-51-9	10
5	2,3-Dihydroxy-6-nitroquinoxaline	207	C8H5N3O4	002379-56-8	9





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
unknown1.54	1.54	318.6	ng	7831770	1	7.37	491610	20.0
Butane, 2-methoxy...	1.86	15.2	ng	372359	1	7.37	491610	20.0
2-Pentanone, 4-hy...	5.18	29.7	ng	730021	1	7.37	491610	20.0
unknown7.08	7.08	102.4	ng	2517660	1	7.37	491610	20.0
Dichloroacetic ac...	16.13	6.4	ng	261625	5	16.26	813080	20.0
unknown20.14	20.14	2.0	ng	84855	6	17.98	836884	20.0