LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078833.D
Acq On : 30 Apr 2015 2:47
Operator : TP/IZ
Sample : G2003-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-2(45-47)

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-BF042815.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	1.438	20	22	28	rVB	129773	207271	2.36%	0.552%
2	1.541	28	31	34	rVB	7397005	8797033	100.00%	23.410%
3	1.678	40	43	46	rVB	157235	260501	2.96%	0.693%
4	1.781	51	52	57	rBV	315395	466410	5.30%	1.241%
5	1.873	57	60	62	rVV	723381	1064318	12.10%	2.832%
6	1.918	62	64	92	rVB	2148591	3855890	43.83%	10.261%
7	5.153	345	347	349	rBV	92824	123031	1.40%	0.327%
8	5.187	349	350	355	rVB	383686	447013	5.08%	1.190%
9	5.679	390	393	396	rBV	2366856	2324732	26.43%	6.186%
10	6.924	500	502	505	rBV	2249949	2346716	26.68%	6.245%
11	7.096	514	517	519	rBV	1945151	2490027	28.31%	6.626%
12	7.382	540	542	545	rBV	515912	459945	5.23%	1.224%
13	7.565	556	558	561	rBV	1378421	1747607	19.87%	4.651%
14	8.067	600	602	605	rBV	1300113	1385306	15.75%	3.687%
15	8.959	677	680	682	rBV	729352	633316	7.20%	1.685%
16	10.308	795	798	800	rBV	3099880	2756855	31.34%	7.336%
17	10.811	839	842	844	rBV	117014	106712	1.21%	0.284%
18	11.142	868	871	873	rBV	564263	675505	7.68%	1.798%
19	12.034	947	949	952	rBV	189766	248898	2.83%	0.662%
20	12.114	954	956	959	rBV2	1594479	1806628	20.54%	4.808%
21	12.982	1030	1032	1034	rBV	708727	708556	8.05%	1.886%
22	14.982	1204	1207	1210	rBV	2908419	2901030	32.98%	7.720%
23	16.148	1306	1309	1318	rBV	115561	183528	2.09%	0.488%
24	16.274	1318	1320	1323	rBV	655483	785376	8.93%	2.090%
25	17.988	1467	1470	1473	rBV	611995	795397	9.04%	2.117%

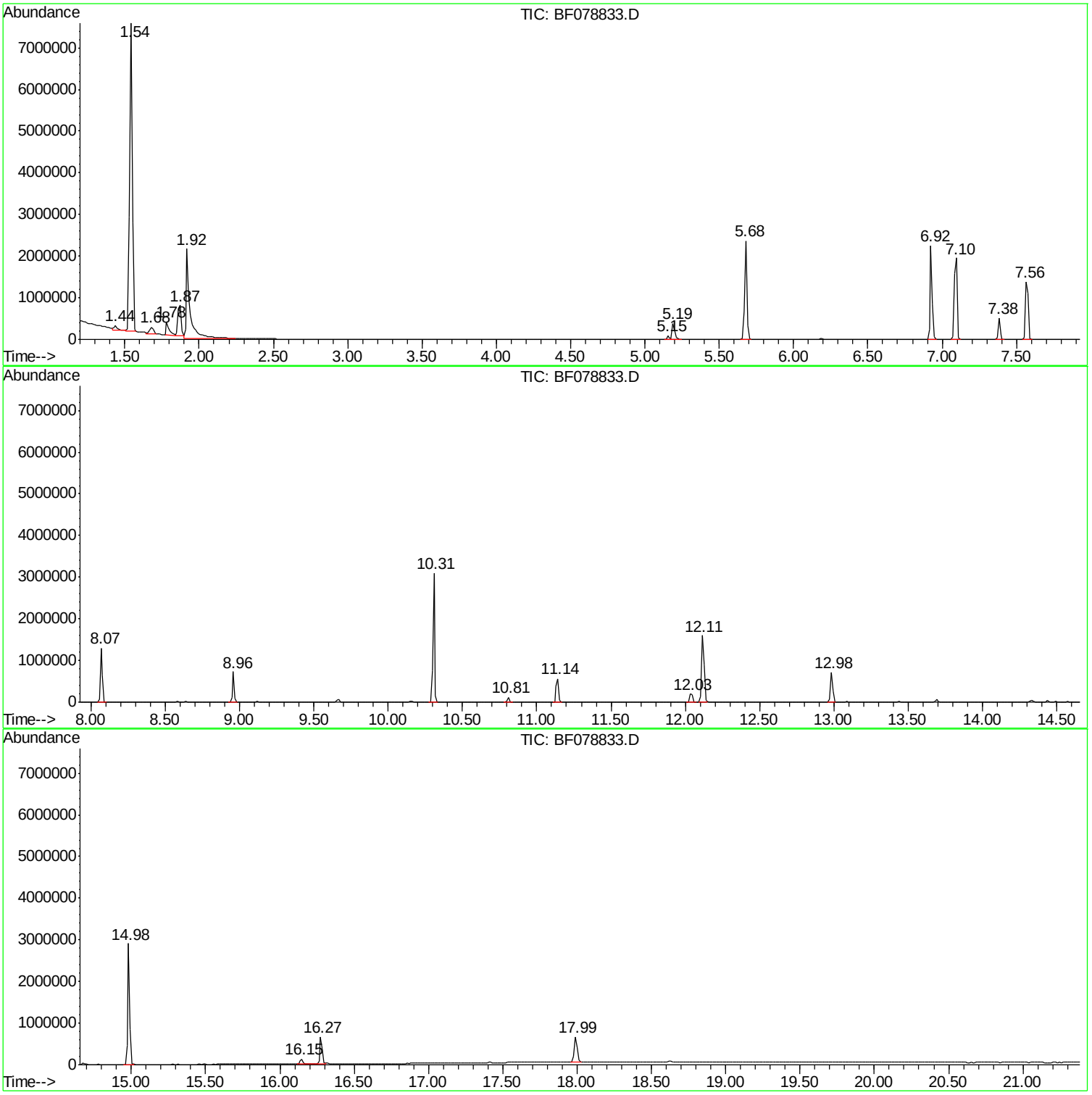
Sum of corrected areas: 37577601

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078833.D
Acq On : 30 Apr 2015 2:47
Operator : TP/IZ
Sample : G2003-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PZ-2(45-47)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.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\BF042915\
Data File : BF078833.D
Acq On : 30 Apr 2015 2:47
Operator : TP/IZ
Sample : G2003-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-2(45-47)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

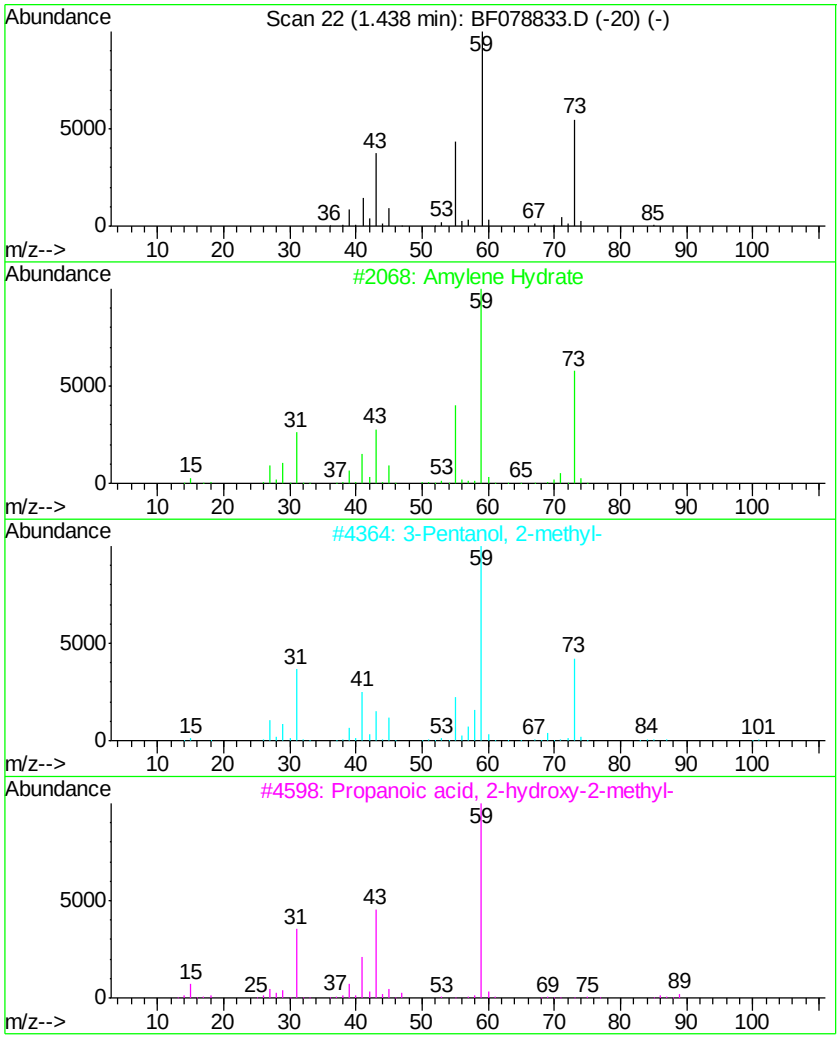
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

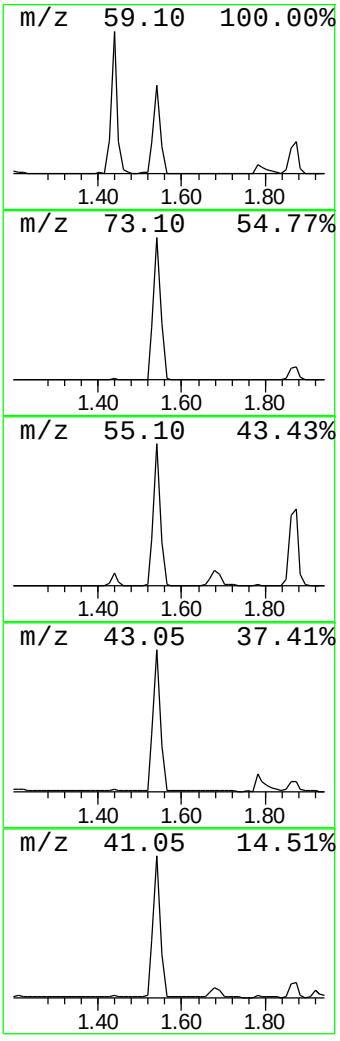
****

Peak Number 1 Amylene Hydrate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.44	9.01 ng	207271	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene Hydrate	88	C5H12O	000075-85-4	83
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	56
3	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	42
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	39
5	3-Hexanol	102	C6H14O	000623-37-0	39





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078833.D
Acq On : 30 Apr 2015 2:47
Operator : TP/IZ
Sample : G2003-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-2(45-47)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.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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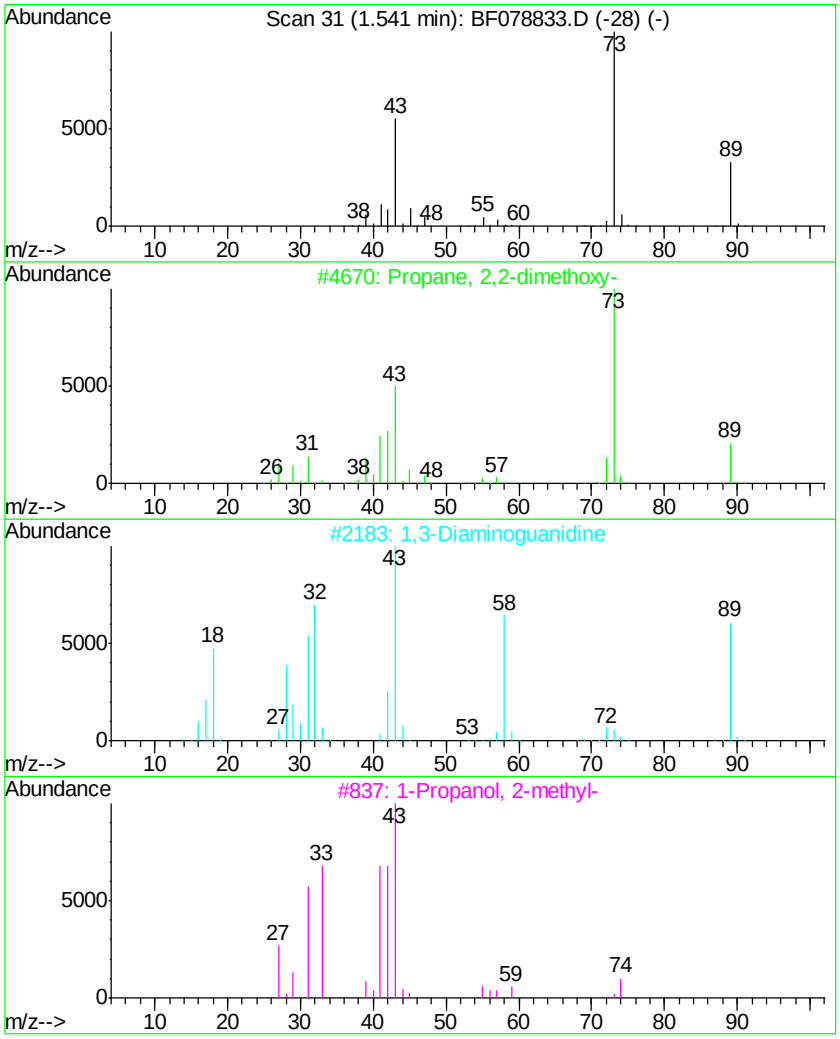
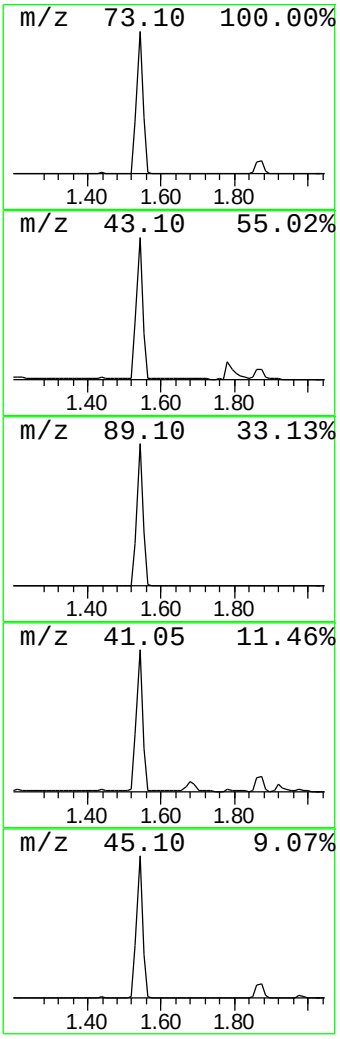
Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.54	382.53 ng	8797030	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078833.D
Acq On : 30 Apr 2015 2:47
Operator : TP/IZ
Sample : G2003-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-2(45-47)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

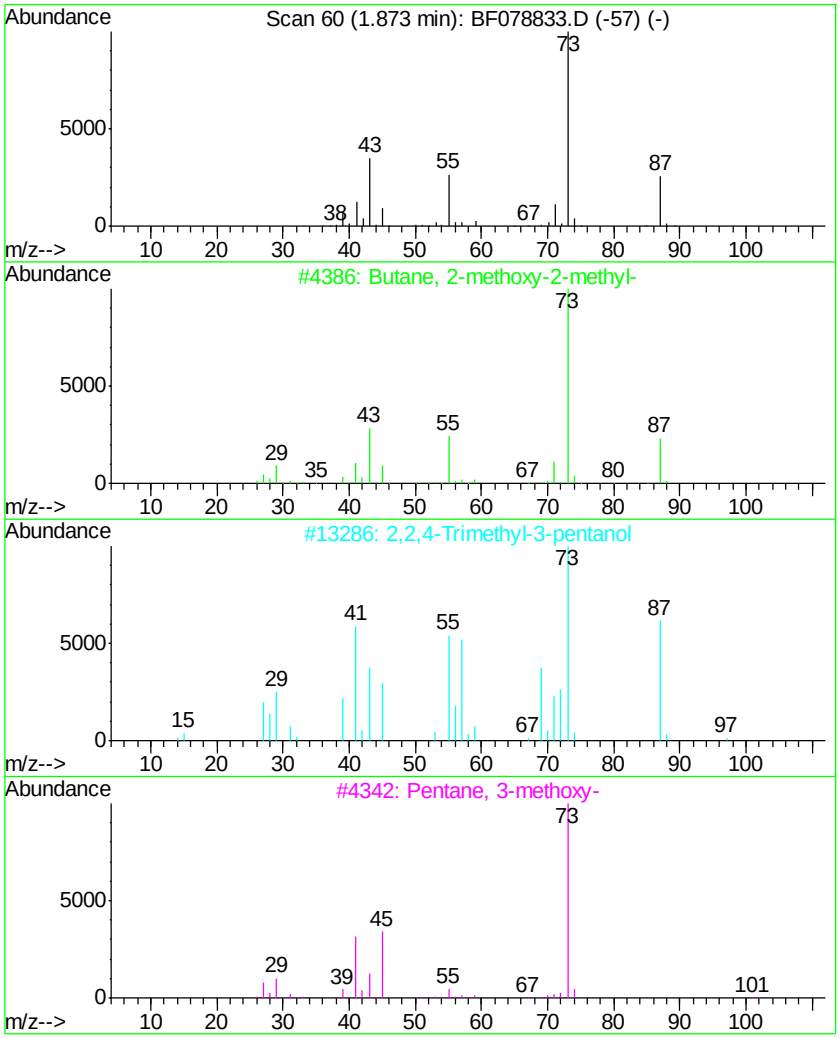
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

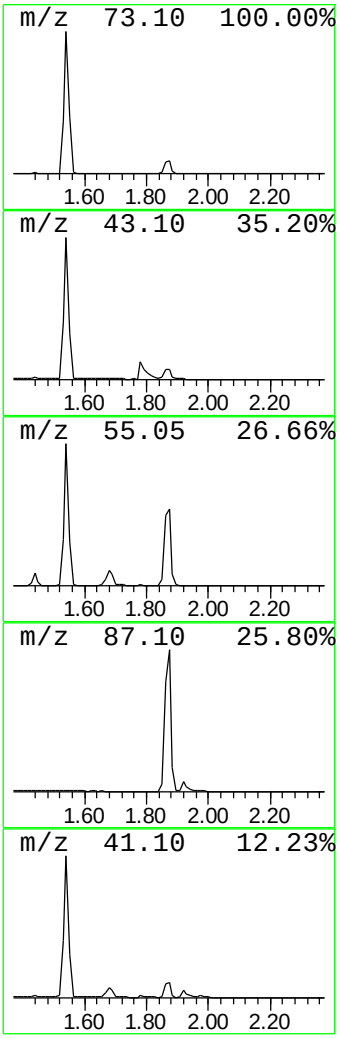
****

Peak Number 5 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.87	46.28 ng	1064320	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078833.D
Acq On : 30 Apr 2015 2:47
Operator : TP/IZ
Sample : G2003-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-2(45-47)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

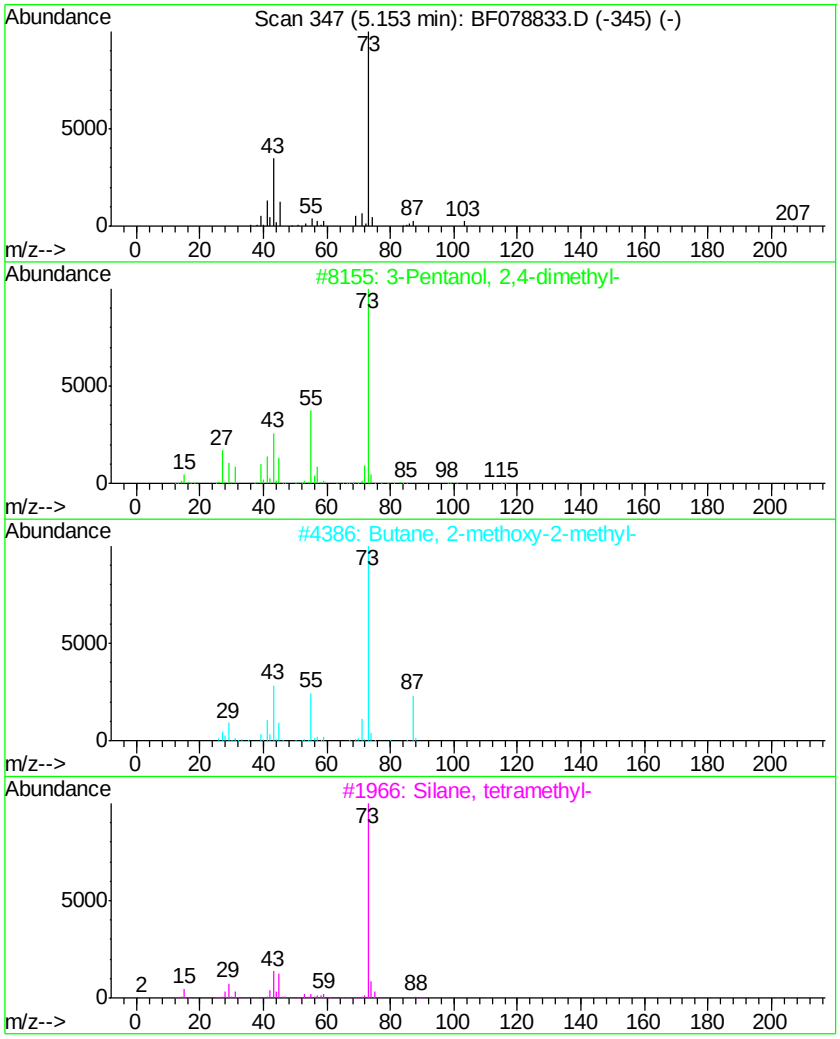
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

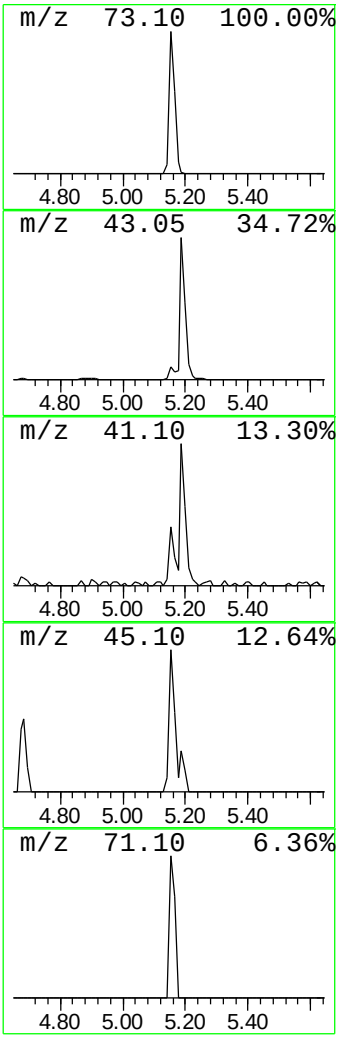
****

Peak Number 7 unknown5.15 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	5.35 ng	123031	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	36
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	28
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078833.D
Acq On : 30 Apr 2015 2:47
Operator : TP/IZ
Sample : G2003-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-2(45-47)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

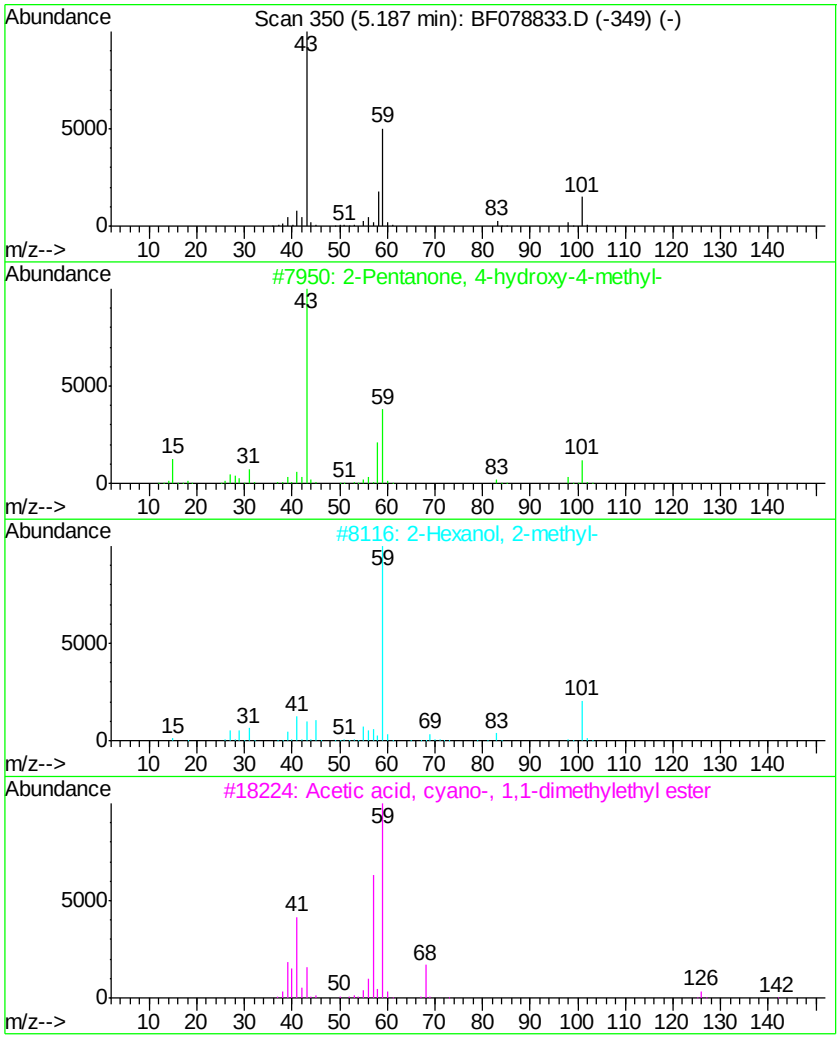
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

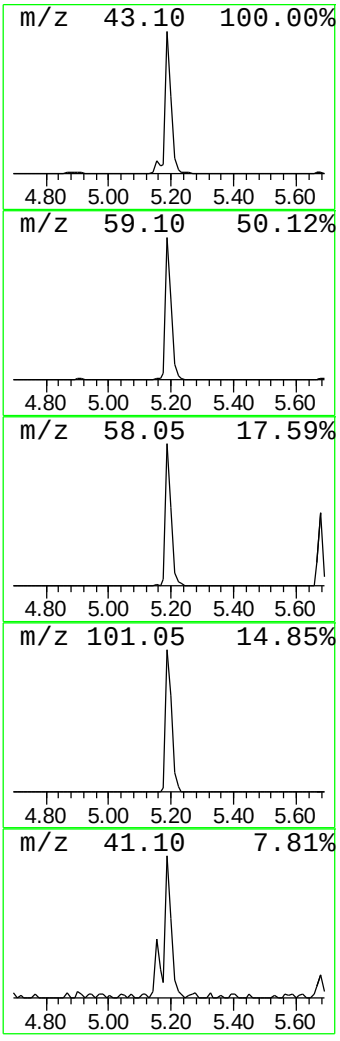
****

Peak Number 8 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	19.44 ng	447013	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078833.D
Acq On : 30 Apr 2015 2:47
Operator : TP/IZ
Sample : G2003-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-2(45-47)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

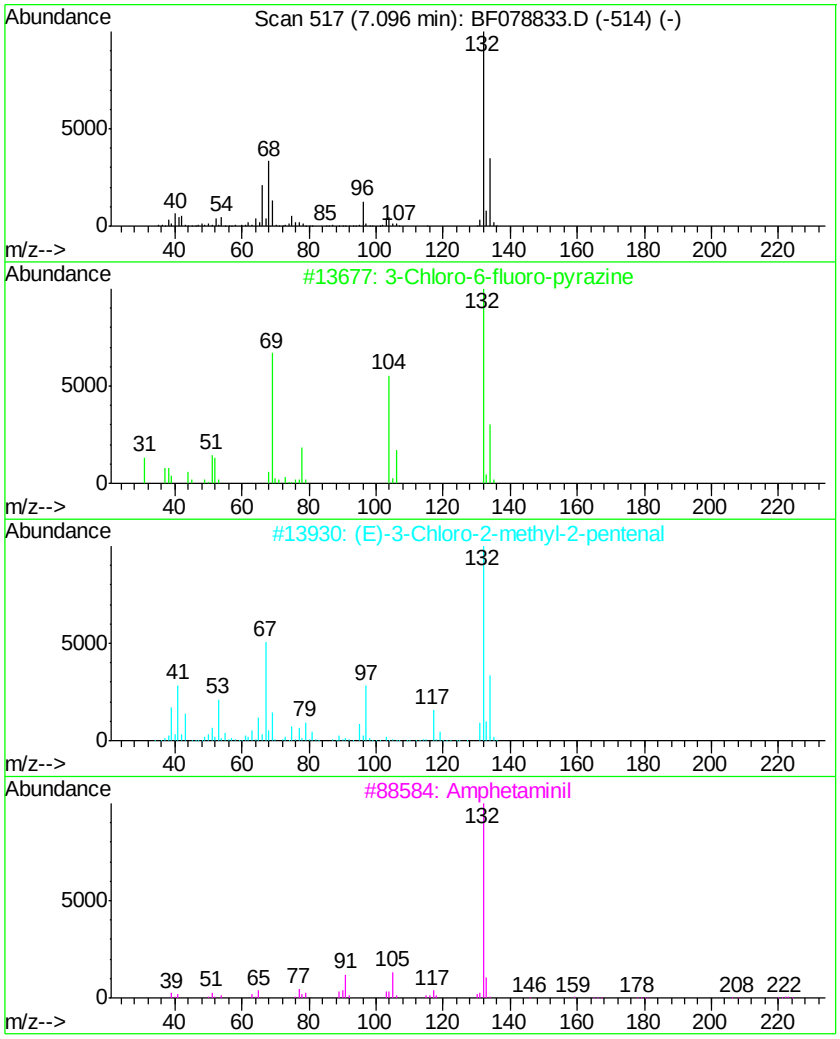
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

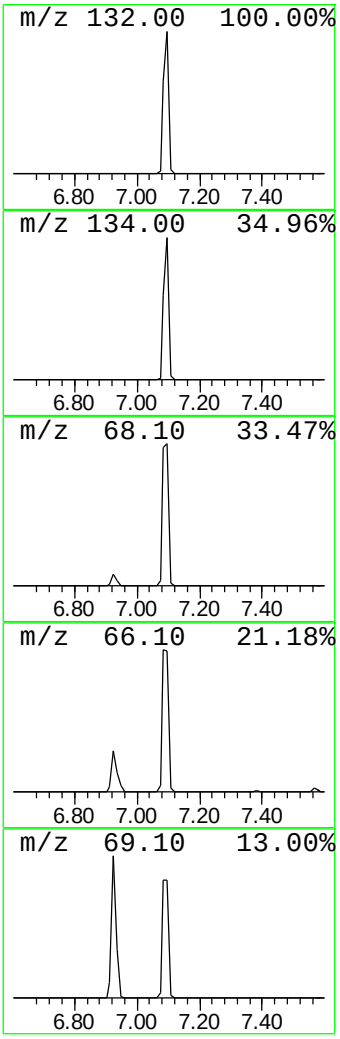
****

Peak Number 9 unknown7.10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	108.28 ng	2490030	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078833.D
Acq On : 30 Apr 2015 2:47
Operator : TP/IZ
Sample : G2003-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-2(45-47)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

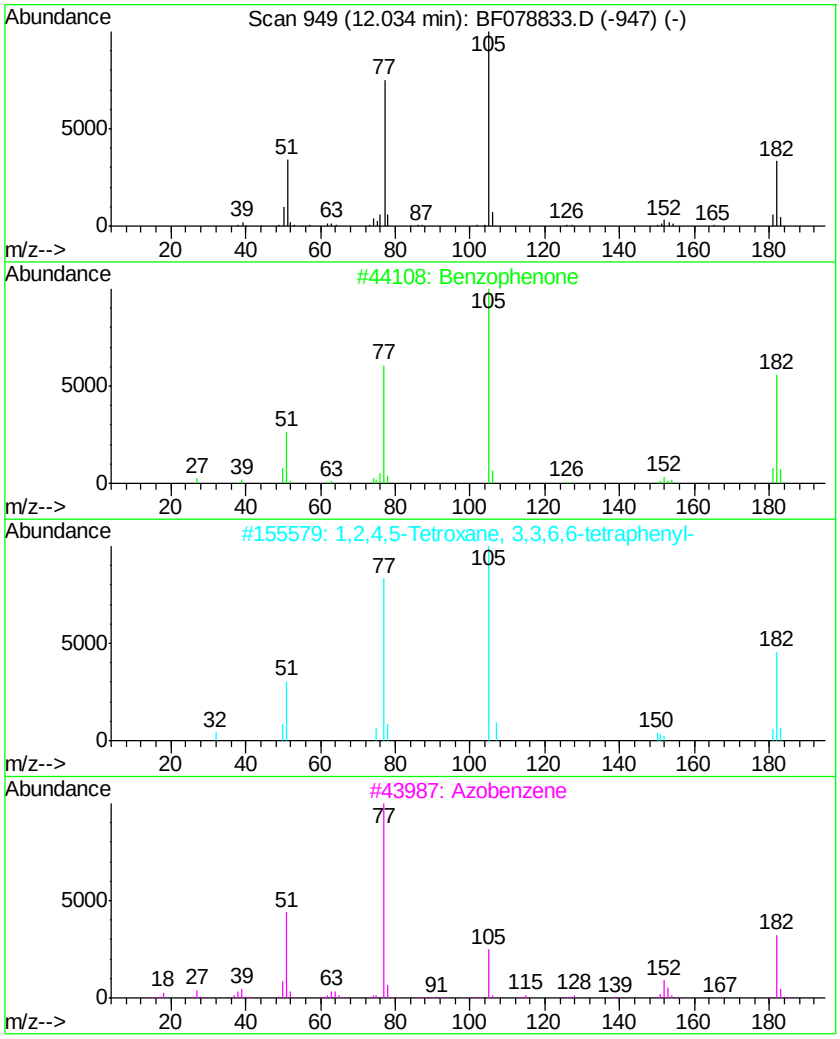
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

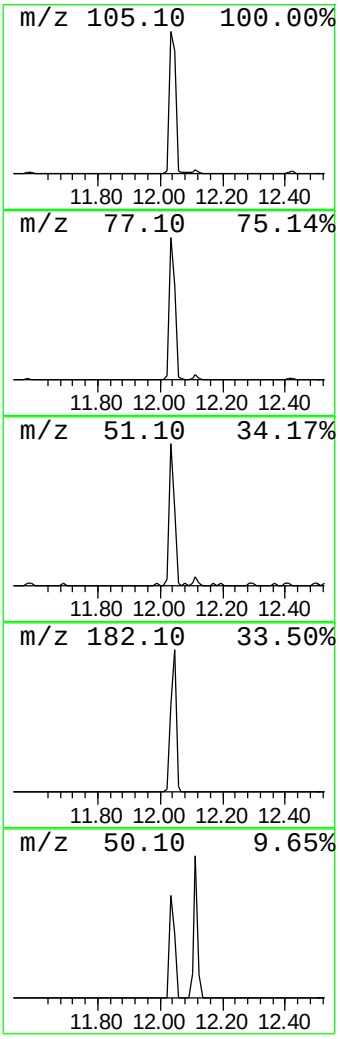
****

Peak Number 11 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	7.37 ng	248898	Acenaphthene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Azobenzene	182	C12H10N2	000103-33-3	72
4	Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	64
5	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078833.D
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Operator : TP/IZ
Sample : G2003-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-2(45-47)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.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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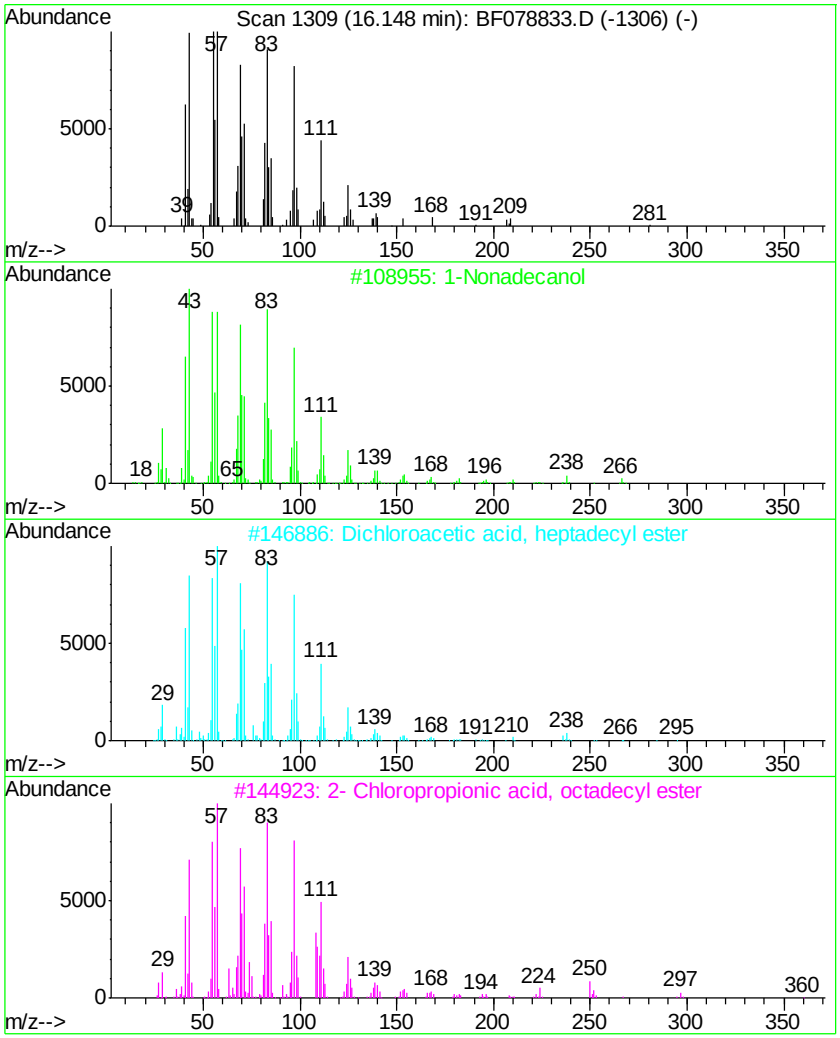
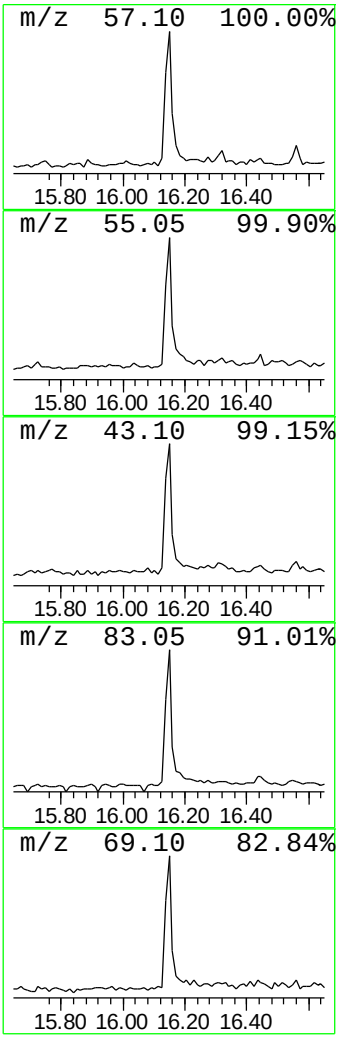
Peak Number 12 1-Nonadecanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	4.67 ng	183528	Chrysene-d12	16.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
Data File : BF078833.D
Acq On : 30 Apr 2015 2:47
Operator : TP/IZ
Sample : G2003-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-2(45-47)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.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
Amylene Hydrate	1.44	9.0	ng	207271	1	7.38	459945	20.0
Propane, 2,2-dime...	1.54	382.5	ng	8797030	1	7.38	459945	20.0
Butane, 2-methoxy...	1.87	46.3	ng	1064320	1	7.38	459945	20.0
unknown5.15	5.15	5.3	ng	123031	1	7.38	459945	20.0
2-Pentanone, 4-hy...	5.19	19.4	ng	447013	1	7.38	459945	20.0
unknown7.10	7.10	108.3	ng	2490030	1	7.38	459945	20.0
Benzophenone	12.03	7.4	ng	248898	3	11.14	675505	20.0
1-Nonadecanol	16.15	4.7	ng	183528	5	16.27	785376	20.0