LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
Data File : BF079798.D
Acq On : 7 Jun 2015 7:12
Operator : TP/IZ
Sample : G2508-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UNDERCUTAB-1(0-2)

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-BF060515.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	1.484	21	26	42	rVB5	207772	1191422	21.82%	4.195%
2	1.678	42	43	90	rVB4	292736	3009001	55.11%	10.594%
3	2.227	90	91	105	rVB	116494	314402	5.76%	1.107%
4	2.421	105	108	111	rBV	4107125	5459620	100.00%	19.222%
5	2.878	145	148	154	rVB	240668	358899	6.57%	1.264%
6	6.090	427	429	432	rBV	2071644	1805495	33.07%	6.357%
7	7.073	512	515	517	rBV	1943674	2000874	36.65%	7.044%
8	7.244	527	530	532	rBV	2127409	1992677	36.50%	7.016%
9	7.473	548	550	552	rBV	450233	412403	7.55%	1.452%
10	7.633	562	564	567	rBV	2008516	1781143	32.62%	6.271%
11	8.033	596	599	601	rBV	1294670	1266180	23.19%	4.458%
12	8.765	661	663	666	rBV	566378	522251	9.57%	1.839%
13	9.839	755	757	760	rVB	2426921	2147919	39.34%	7.562%
14	10.228	789	791	793	rBV	214559	180907	3.31%	0.637%
15	10.548	816	819	821	rVB	399426	490390	8.98%	1.727%
16	11.336	886	888	890	rBV	1397153	1193828	21.87%	4.203%
17	12.045	948	950	953	rBV	503765	532314	9.75%	1.874%
18	13.702	1092	1095	1097	rBV	1807523	2332731	42.73%	8.213%
19	14.697	1179	1182	1186	rBV	96551	164524	3.01%	0.579%
20	14.925	1200	1202	1205	rBV	720191	728272	13.34%	2.564%
21	16.823	1365	1368	1375	rVB	324142	518295	9.49%	1.825%

Sum of corrected areas: 28403547

LSC Report - Integrated Chromatogram

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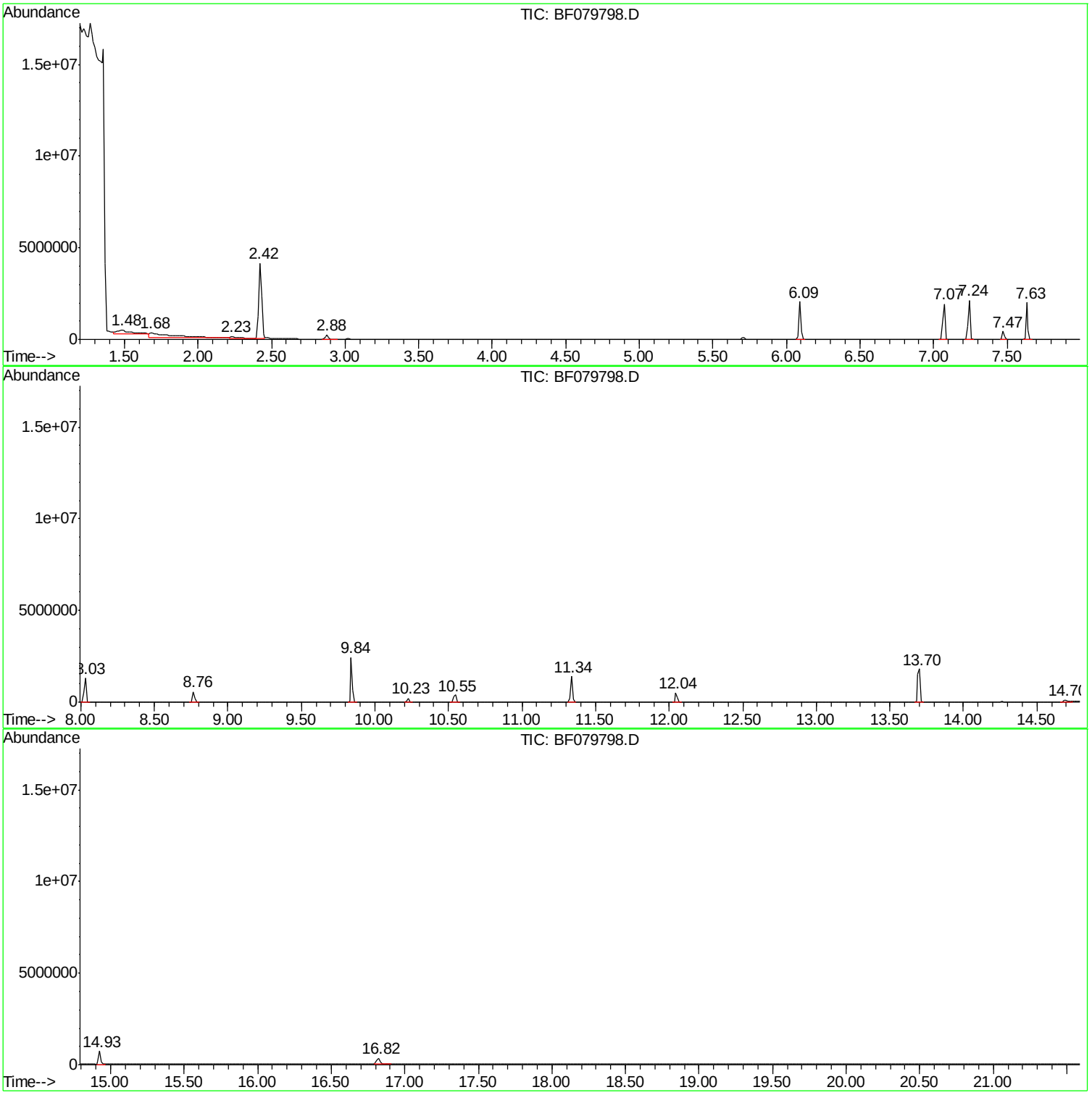
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UNDERCUTAB-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.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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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UNDERCUTAB-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

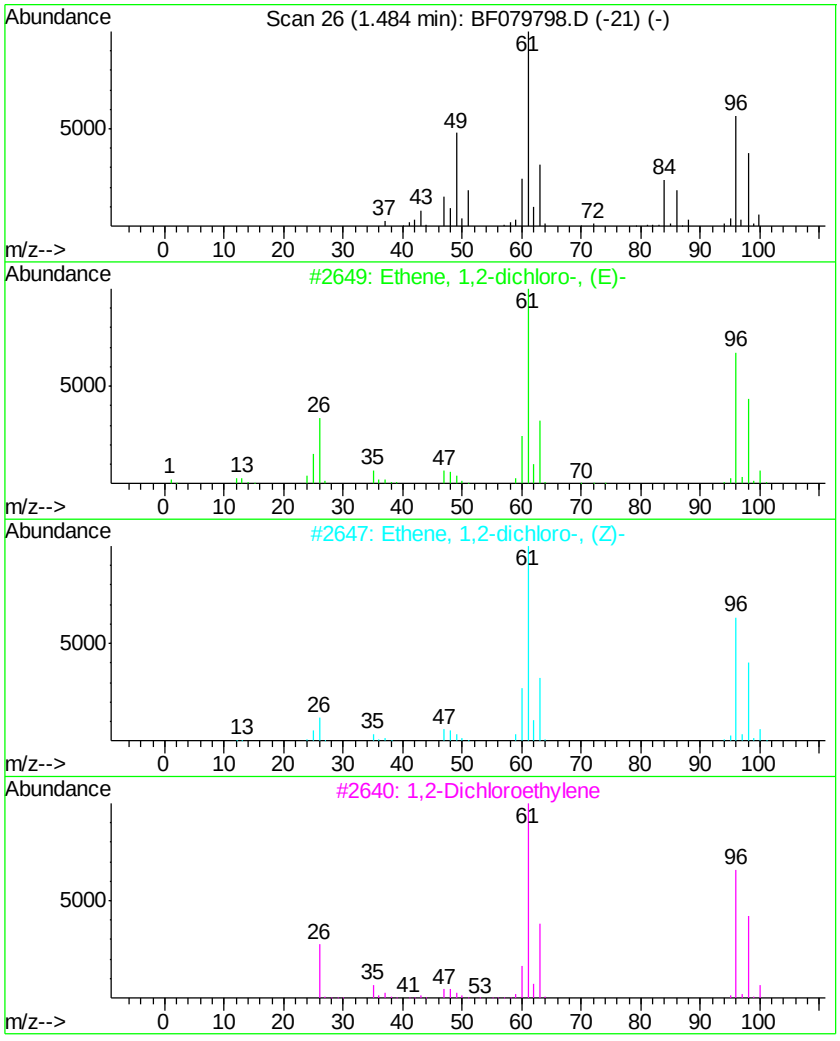
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

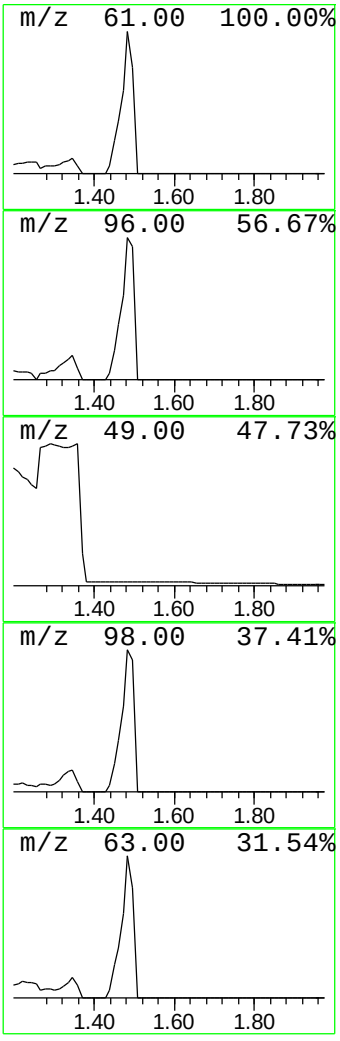
****

Peak Number 1 Ethene, 1,2-dichloro-, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	57.78 ng	1191420	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	86
2	Ethene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	50
3	1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	43
4	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	41
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	17





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Sample : G2508-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UNDERCUTAB-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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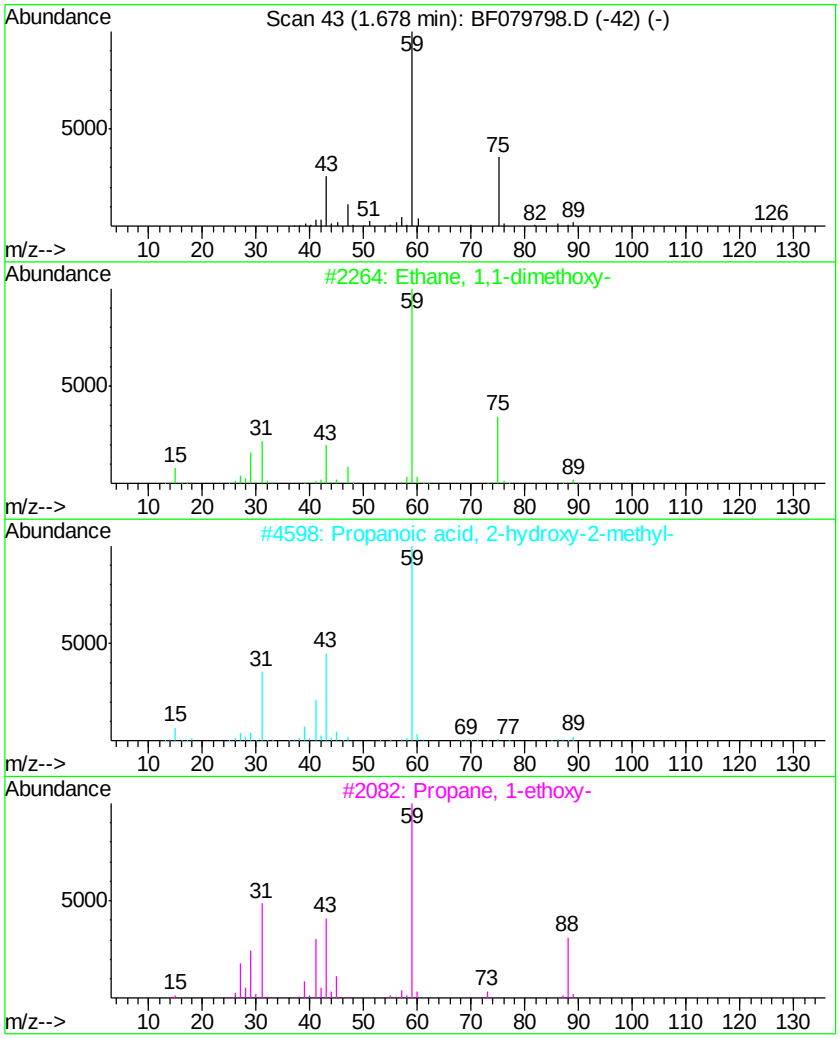
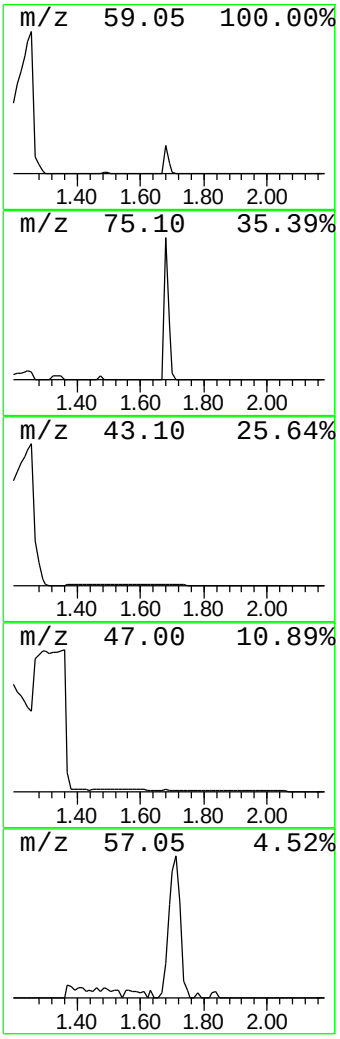
Peak Number 2 Ethane, 1,1-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.68	145.93 ng	3009000	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	78
2	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	36
3	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	9
4	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	9
5	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	9





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Data File : BF079798.D
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Operator : TP/IZ
Sample : G2508-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UNDERCUTAB-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.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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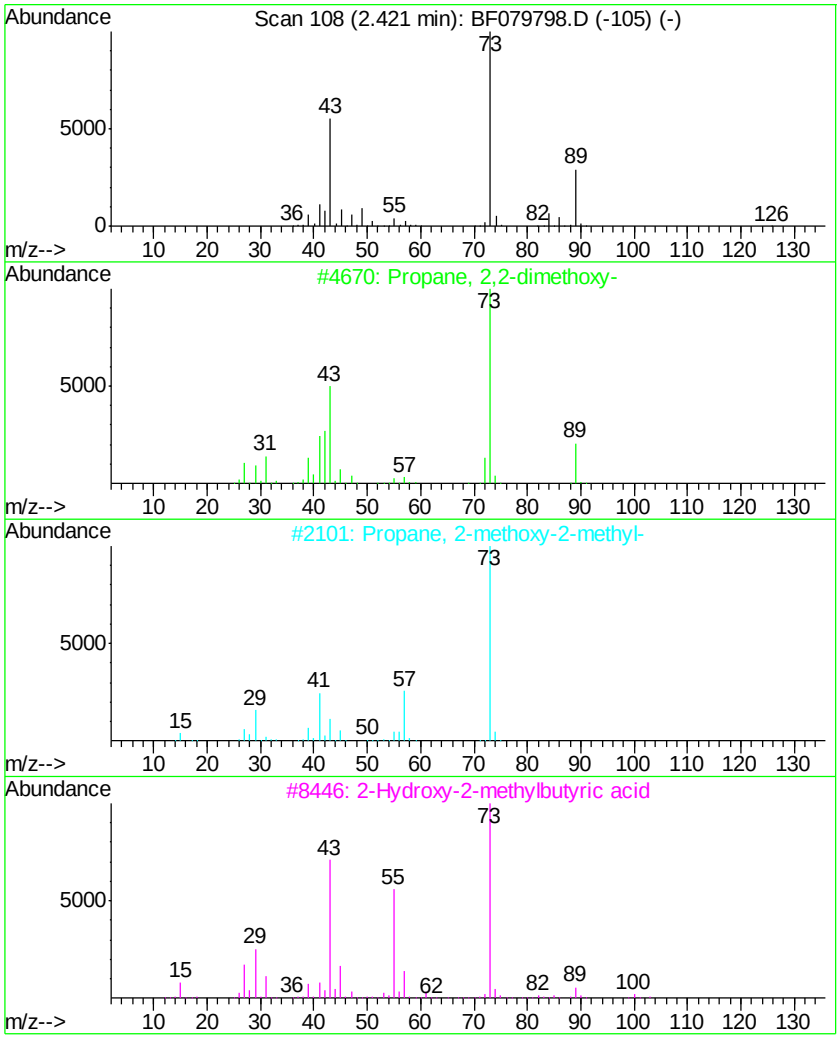
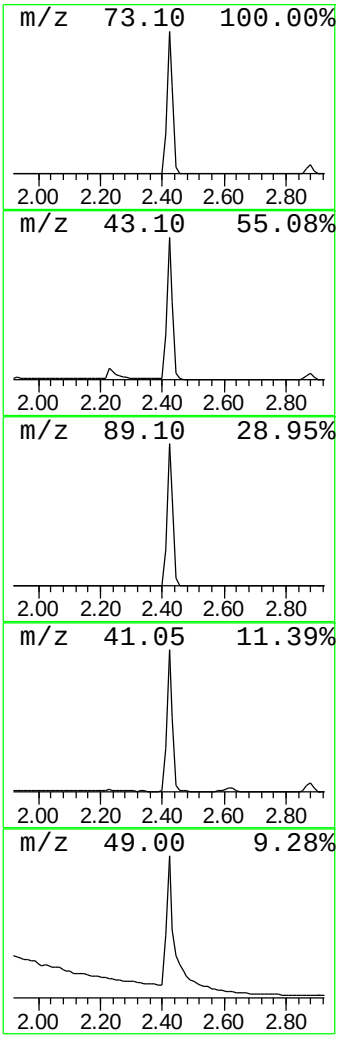
Peak Number 4 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.42	264.77 ng	5459620	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
5	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9





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Operator : TP/IZ
Sample : G2508-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UNDERCUTAB-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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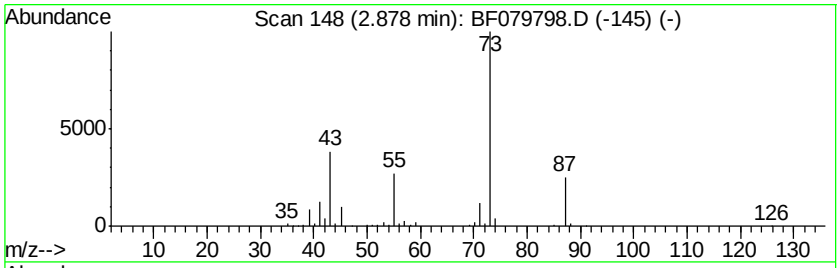
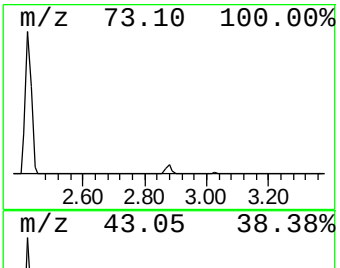
Peak Number 5 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	17.41 ng	358899	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Sample : G2508-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UNDERCUTAB-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.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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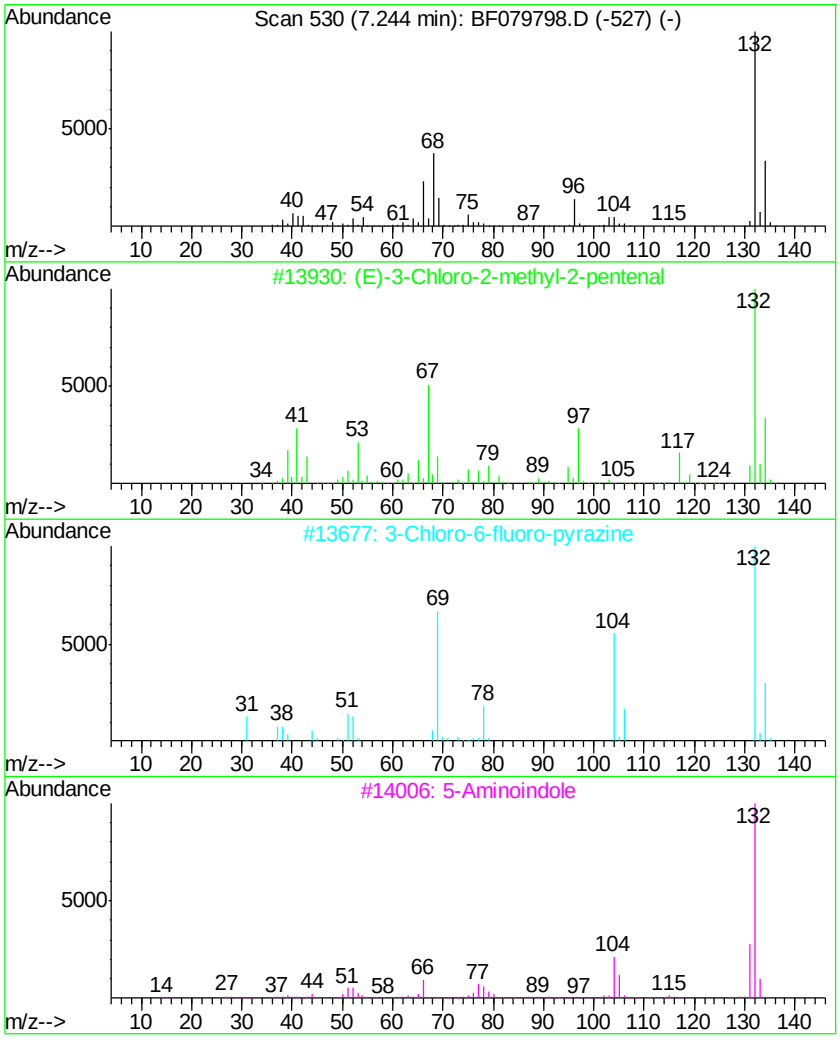
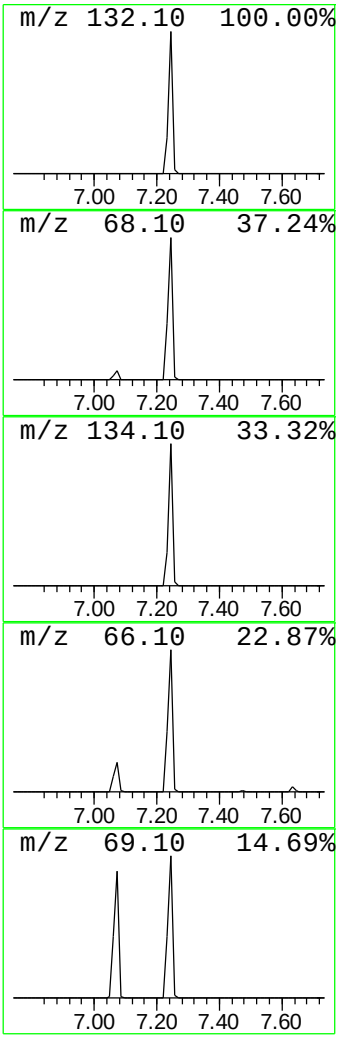
Peak Number 6 unknown7.24 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	96.64 ng	1992680	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Operator : TP/IZ
Sample : G2508-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UNDERCUTAB-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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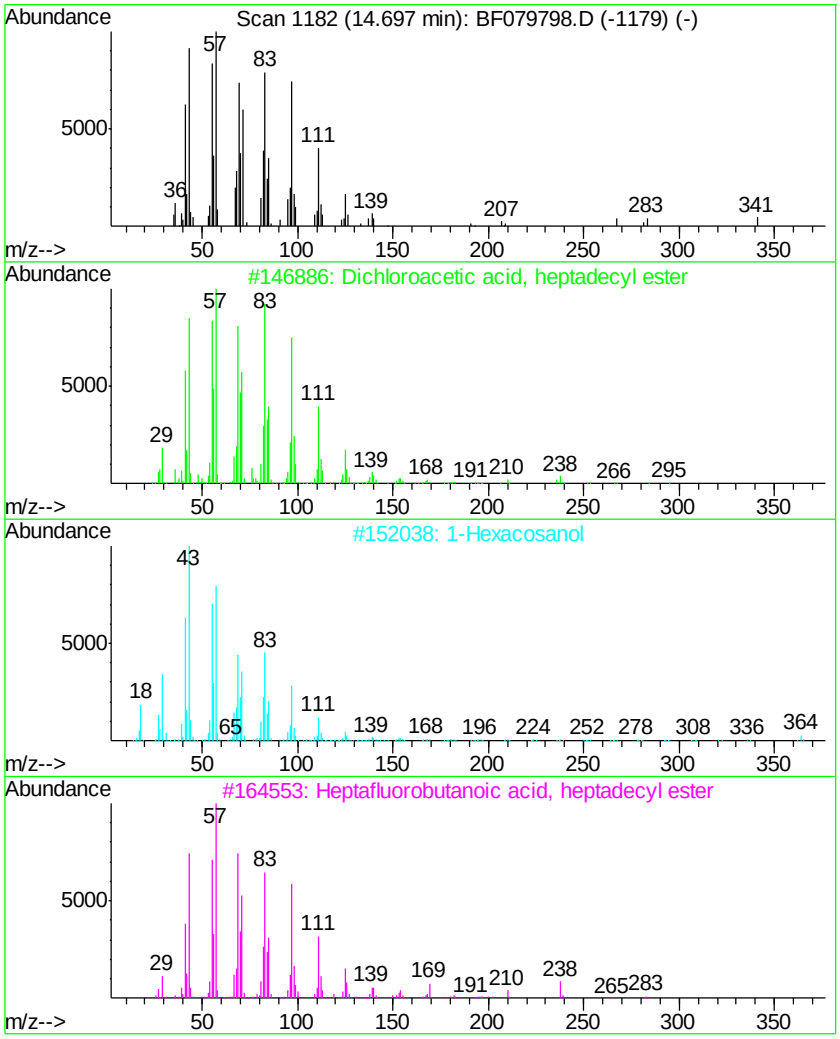
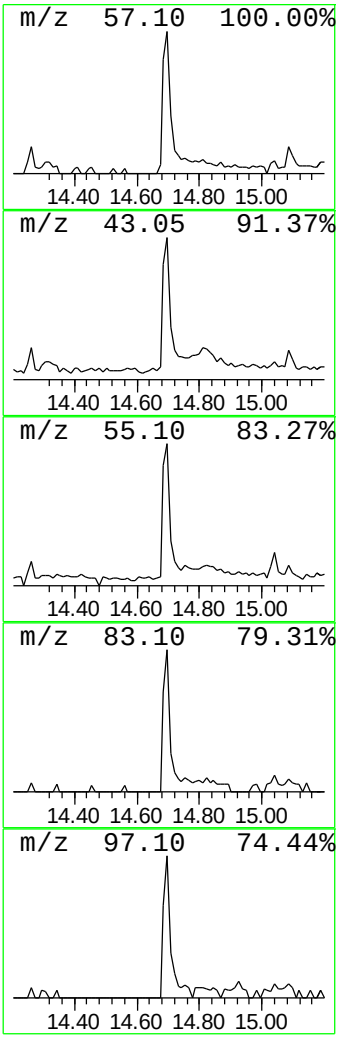
Peak Number 8 Dichloroacetic acid, heptad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	4.52 ng	164524	Chrysene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethene, 1,2-dichl...	1.48	57.8	ng	1191420	1	7.47	412403	20.0
Ethane, 1,1-dimet...	1.68	145.9	ng	3009000	1	7.47	412403	20.0
Propane, 2,2-dime...	2.42	264.8	ng	5459620	1	7.47	412403	20.0
Butane, 2-methoxy...	2.88	17.4	ng	358899	1	7.47	412403	20.0
unknown7.24	7.24	96.6	ng	1992680	1	7.47	412403	20.0
Dichloroacetic ac...	14.70	4.5	ng	164524	5	14.93	728272	20.0