LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
Data File : BF078145.D
Acq On : 1 Apr 2015 7:53
Operator : TP/IZ
Sample : G1704-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-14(0-10)

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-BF031115.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	1.207	26	28	31	rVB	93479	92244	6.07%	0.748%
2	1.321	34	38	42	rVB	81890	143777	9.46%	1.167%
3	1.481	49	52	55	rVB	95076	105769	6.96%	0.858%
4	1.618	62	64	71	rVV	17016	29702	1.95%	0.241%
5	1.721	71	73	90	rVB	178757	270565	17.80%	2.195%
6	4.773	338	340	347	rVB	98839	131185	8.63%	1.064%
7	5.333	386	389	391	rBV	818522	1112199	73.17%	9.024%
8	6.636	500	503	505	rBV	1100672	1192311	78.45%	9.674%
9	6.762	511	514	516	rBV	1212006	1241274	81.67%	10.071%
10	7.047	537	539	541	rBV	224921	251483	16.55%	2.040%
11	7.230	552	555	557	rBV	991174	931362	61.28%	7.557%
12	7.745	597	600	602	rBV	652882	727776	47.88%	5.905%
13	8.613	674	676	679	rBV	245938	340118	22.38%	2.760%
14	9.413	744	746	748	rVB	99035	101282	6.66%	0.822%
15	9.973	792	795	797	rBV	1115723	1438958	94.67%	11.675%
16	10.476	837	839	842	rVB	30192	25019	1.65%	0.203%
17	10.785	864	866	869	rVB	438162	402346	26.47%	3.264%
18	11.768	949	952	954	rBV	779037	852405	56.08%	6.916%
19	11.974	968	970	975	rBV	13140	19571	1.29%	0.159%
20	12.625	1024	1027	1029	rBV	320860	414005	27.24%	3.359%
21	14.614	1198	1201	1204	rBV	1403604	1519918	100.00%	12.332%
22	15.803	1302	1305	1311	rBV	46021	107548	7.08%	0.873%
23	15.894	1311	1313	1316	rVB	382891	435321	28.64%	3.532%
24	17.643	1463	1466	1469	rBV	304193	416371	27.39%	3.378%
25	18.260	1518	1520	1528	rBV7	7220	22688	1.49%	0.184%

Sum of corrected areas: 12325197

LSC Report - Integrated Chromatogram

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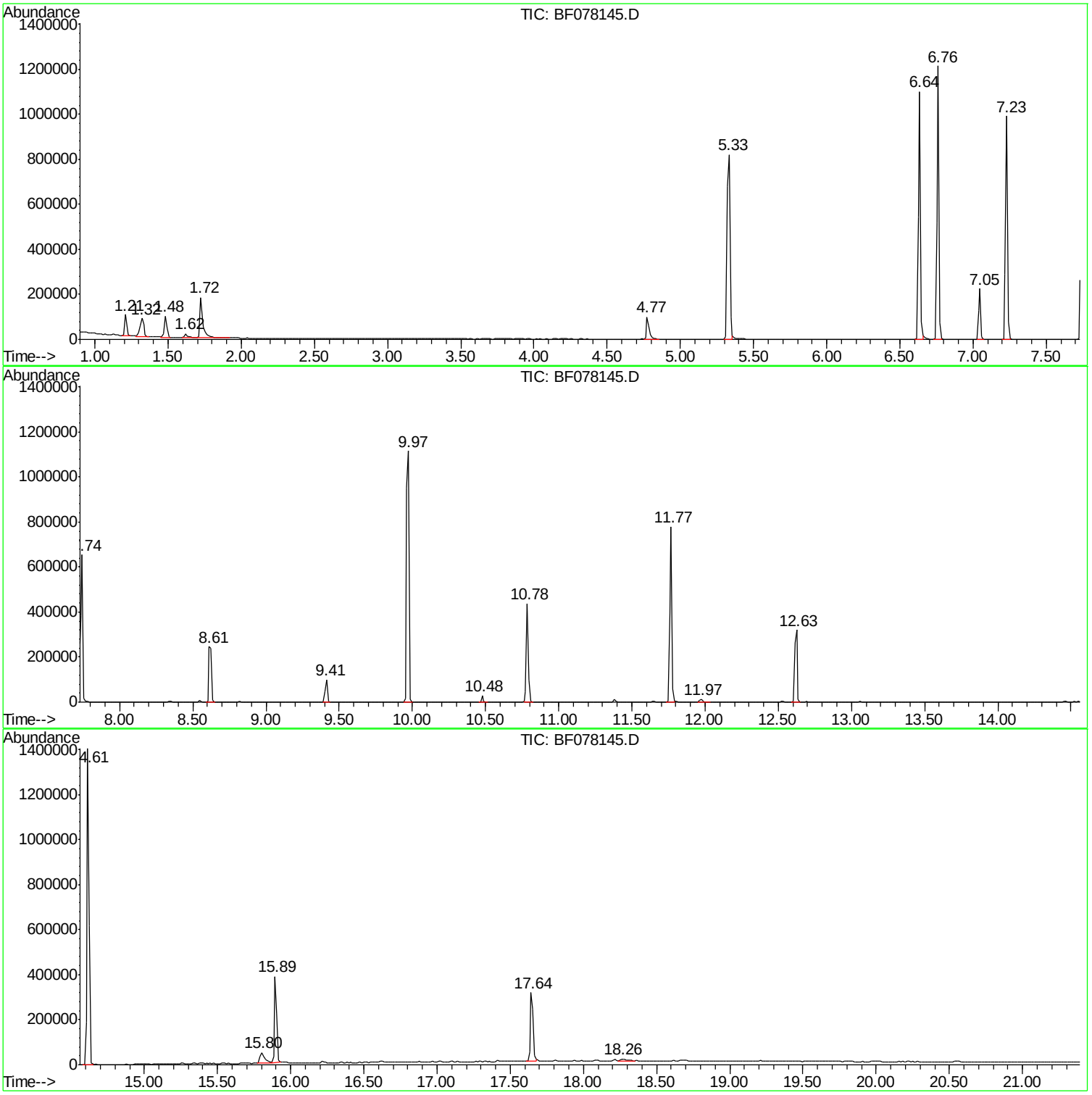
Instrument : BNA_F
ClientSampleId : S-14(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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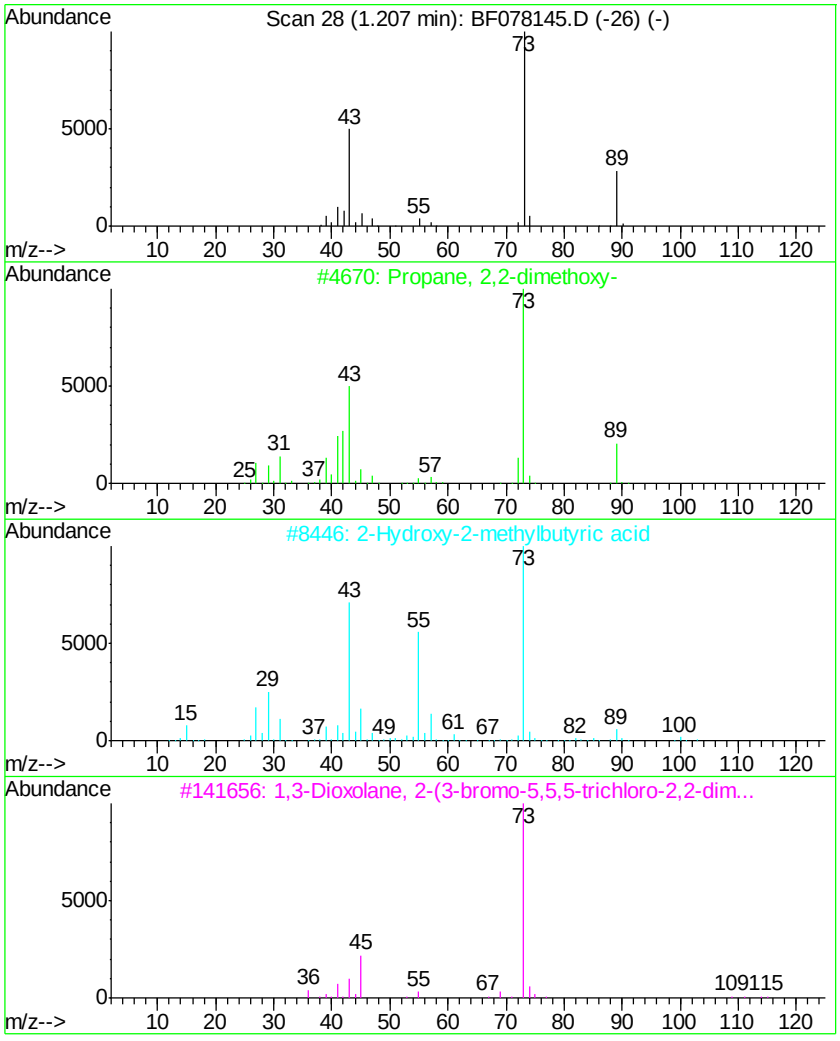
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

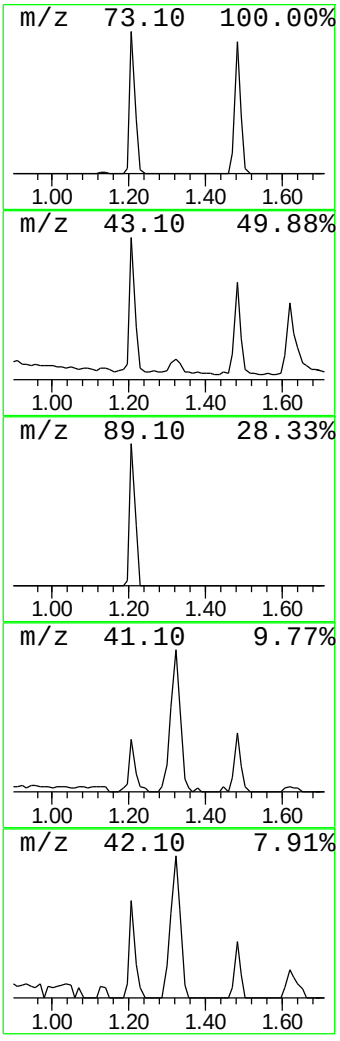
****

Peak Number 1 unknown1.21 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	7.34 ng	92244	1,4-Dichlorobenzene-d4	7.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Library Search Compound Report

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Data File : BF078145.D
Acq On : 1 Apr 2015 7:53
Operator : TP/IZ
Sample : G1704-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-14(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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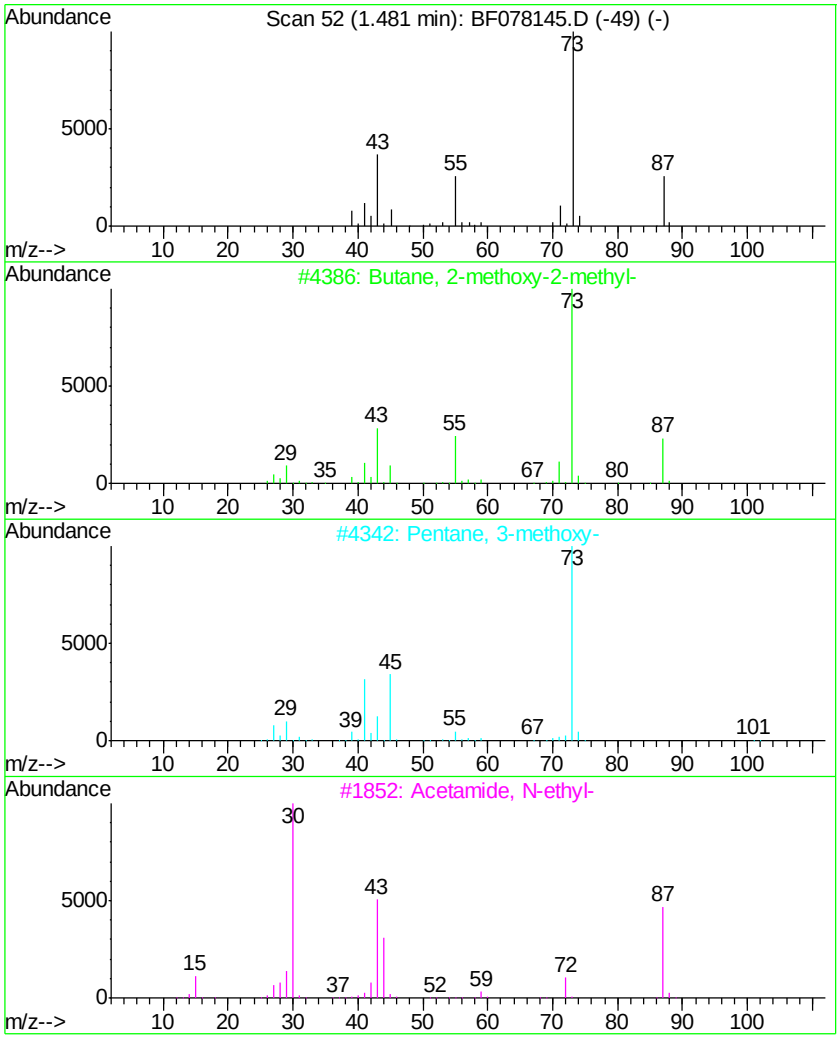
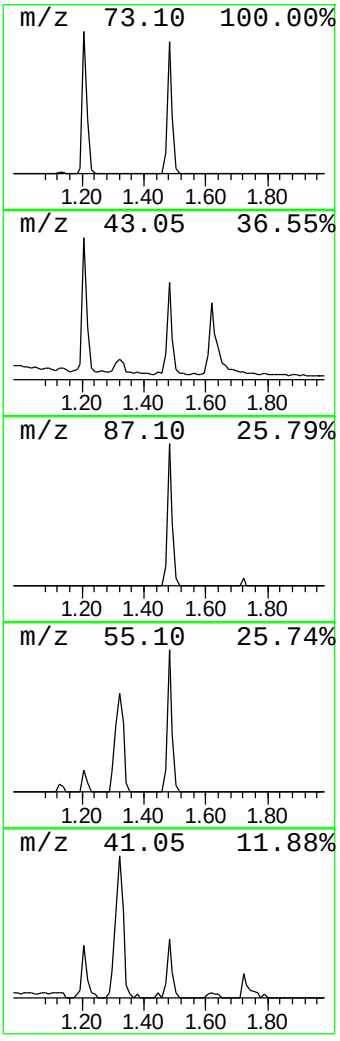
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	8.41 ng	105769	1,4-Dichlorobenzene-d4	7.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : TP/IZ
Sample : G1704-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-14(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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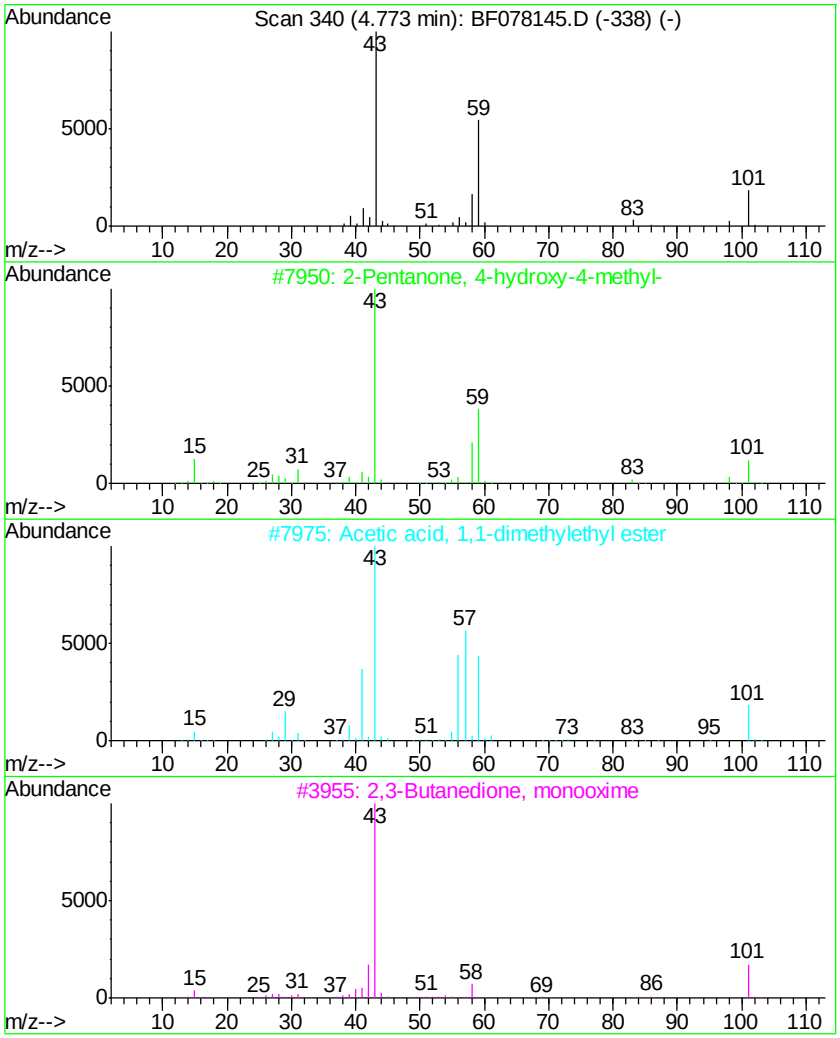
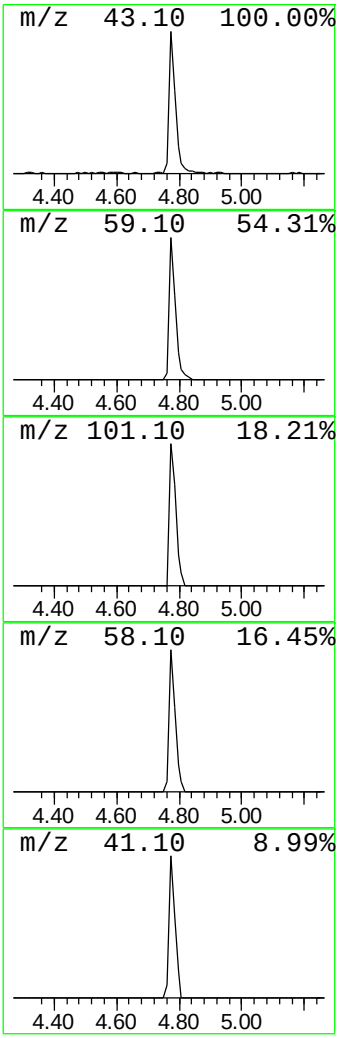
Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	10.43 ng	131185	1,4-Dichlorobenzene-d4	7.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Library Search Compound Report

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Operator : TP/IZ
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Instrument : BNA_F
ClientSampleId : S-14(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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TIC Library : C:\DATABASE\NIST02.L
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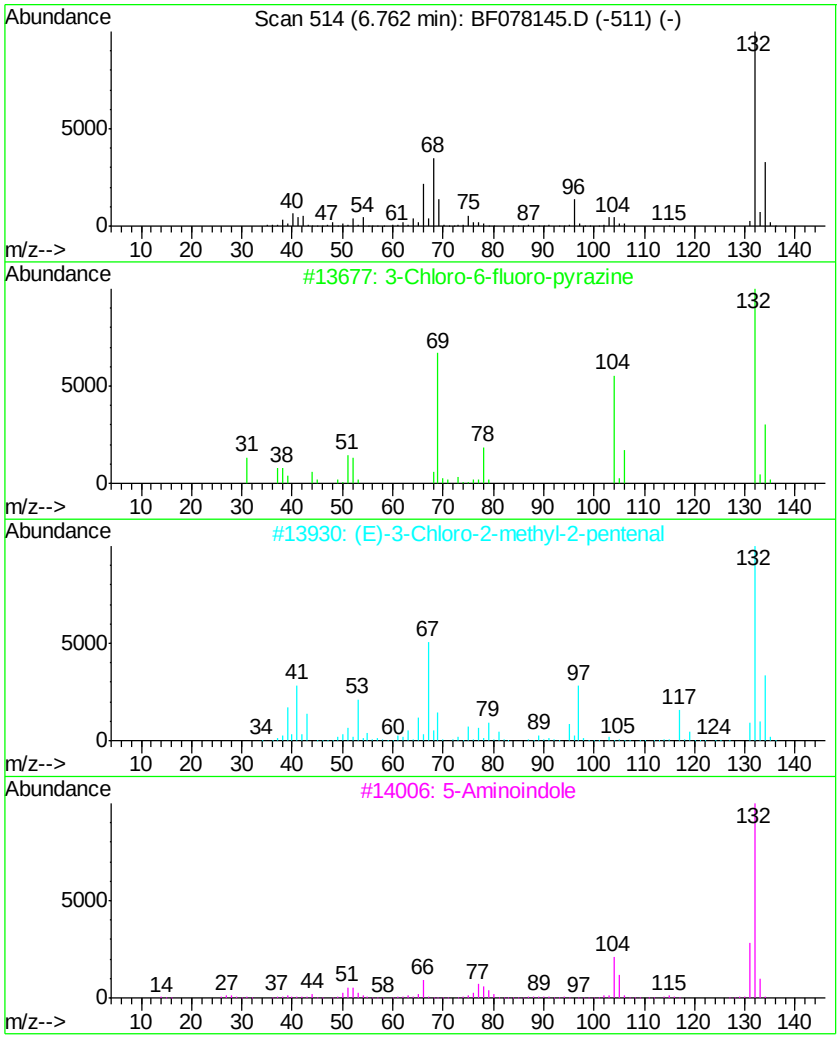
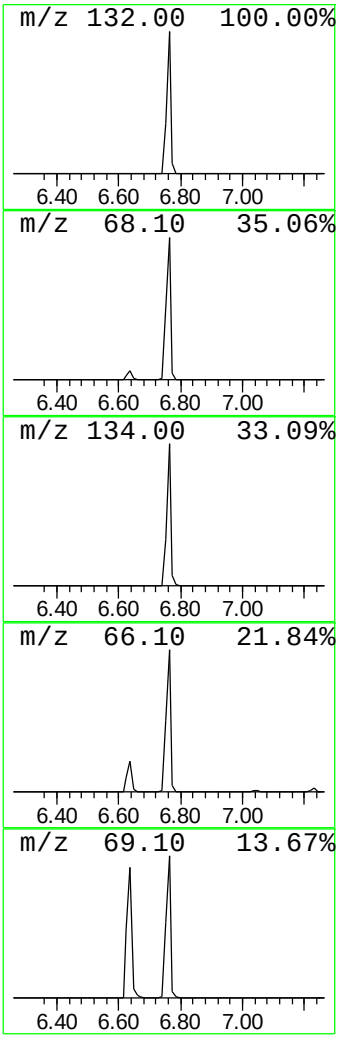
Peak Number 7 unknown6.76 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	98.72 ng	1241270	1,4-Dichlorobenzene-d4	7.05

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	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-14(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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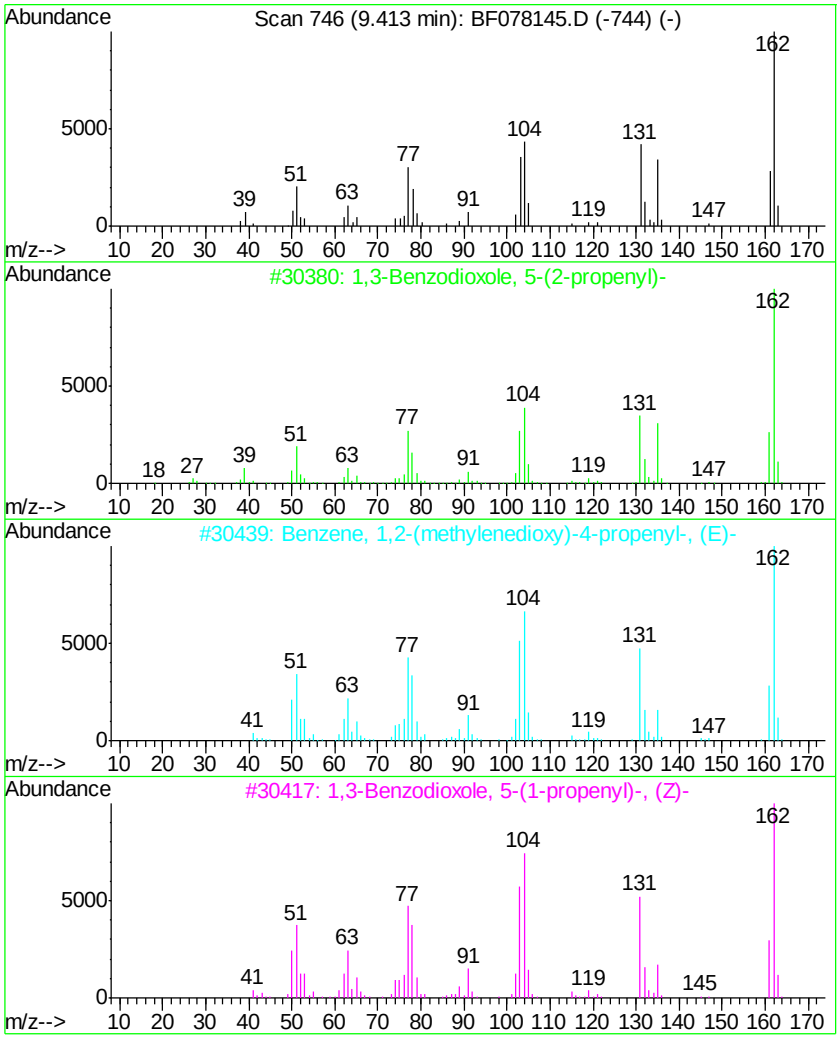
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

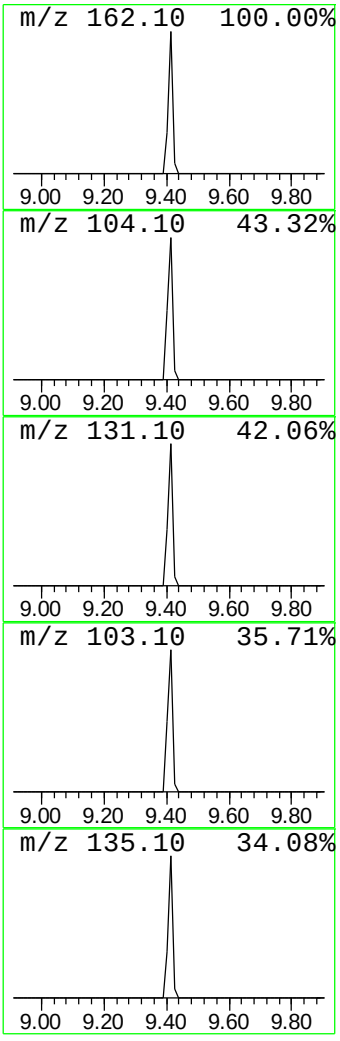
****

Peak Number 9 1,3-Benzodioxole, 5-(2-prop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	5.96 ng	101282	Naphthalene-d8	8.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzodioxole, 5-(2-propenyl)-	162	C10H10O2	000094-59-7	98
2	Benzene, 1,2-(methylenedioxy)-4-...	162	C10H10O2	004043-71-4	97
3	1,3-Benzodioxole, 5-(1-propenyl)...	162	C10H10O2	017627-76-8	97
4	1,3-Benzodioxole, 5-(1-propenyl)-	162	C10H10O2	000120-58-1	96
5	1H-Isoindole-1,3(2H)-dione, 2-am...	162	C8H6N2O2	001875-48-5	43





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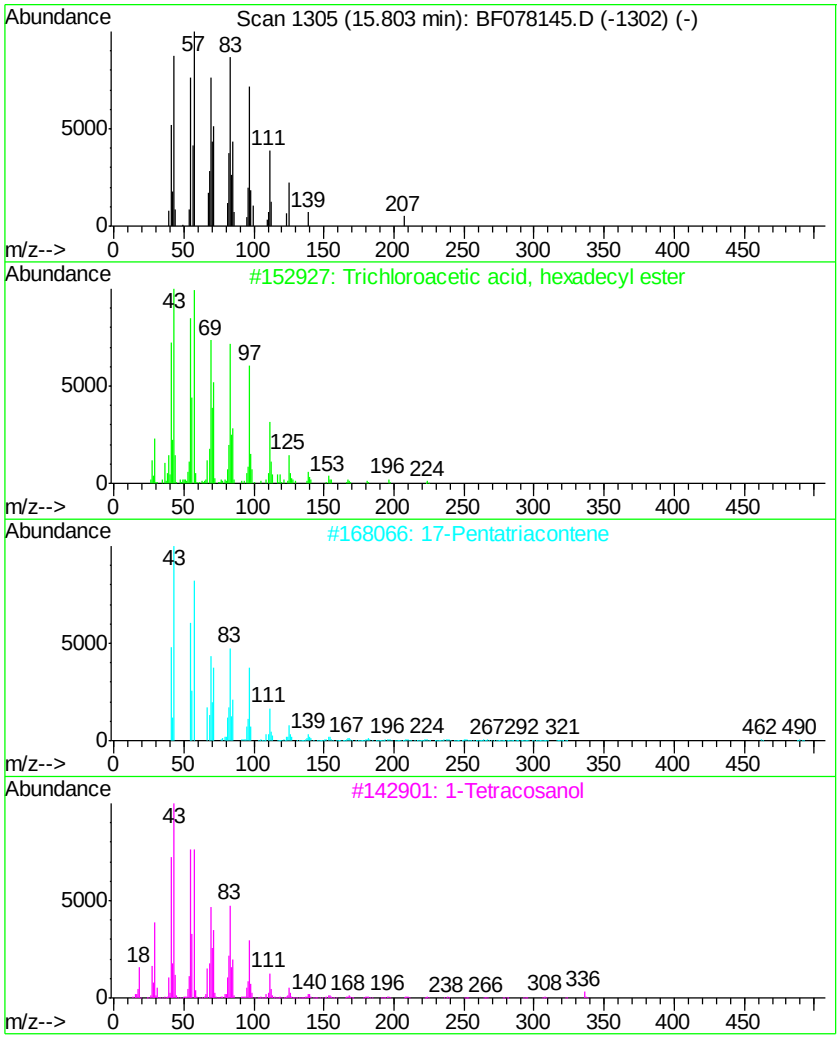
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

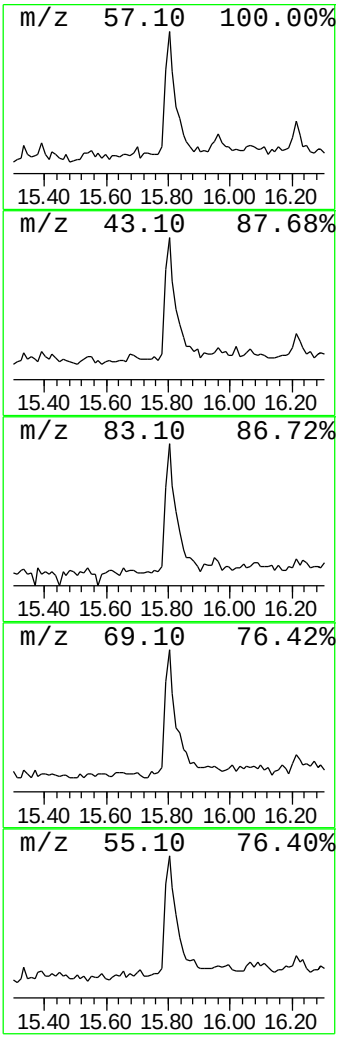
****

Peak Number 10 Trichloroacetic acid, hexad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	4.94 ng	107548	Chrysene-d12	15.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Tetracosanol	354	C24H50O	000506-51-4	90
4	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	90
5	1-Nonadecene	266	C19H38	018435-45-5	87





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
unknown1.21	1.21	7.3	ng	92244	1	7.05	251483	20.0
Butane, 2-methoxy...	1.48	8.4	ng	105769	1	7.05	251483	20.0
2-Pentanone, 4-hy...	4.77	10.4	ng	131185	1	7.05	251483	20.0
unknown6.76	6.76	98.7	ng	1241270	1	7.05	251483	20.0
1,3-Benzodioxole,...	9.41	6.0	ng	101282	2	8.62	340118	20.0
Trichloroacetic a...	15.80	4.9	ng	107548	5	15.89	435321	20.0