LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079048.D
Acq On : 8 May 2015 20:11
Operator : TP/IZ
Sample : G2151-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU021-TW-01

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	1.621	34	38	41	rVB	550814	907832	16.25%	3.362%
2	1.747	48	49	51	rBV	296475	362604	6.49%	1.343%
3	1.804	51	54	57	rVV	882406	1291168	23.11%	4.782%
4	1.873	58	60	95	rVB	2840249	5587351	100.00%	20.692%
5	5.622	385	388	391	rBV	1084744	1078674	19.31%	3.995%
6	6.879	496	498	500	rBV	898646	772669	13.83%	2.861%
7	7.028	509	511	514	rBV	1515194	1837721	32.89%	6.806%
8	7.325	534	537	539	rBV	381848	459484	8.22%	1.702%
9	7.508	550	553	555	rBV	1844465	1630461	29.18%	6.038%
10	8.010	594	597	600	rBV	1467463	1307997	23.41%	4.844%
11	8.319	622	624	627	rBV	64271	82275	1.47%	0.305%
12	8.902	672	675	677	rBV	498446	680824	12.19%	2.521%
13	9.348	712	714	720	rBV4	24459	60436	1.08%	0.224%
14	10.091	773	779	782	rBV	76765	137099	2.45%	0.508%
15	10.239	790	792	795	rBV	2428503	2624373	46.97%	9.719%
16	11.074	862	865	868	rVB	828973	780931	13.98%	2.892%
17	11.268	880	882	885	rVB	208526	277960	4.97%	1.029%
18	11.542	905	906	910	rVV	70085	82127	1.47%	0.304%
19	11.611	910	912	915	rVB2	42629	67412	1.21%	0.250%
20	12.057	948	951	953	rBV	1741664	1772880	31.73%	6.566%
21	12.914	1024	1026	1029	rBV	603430	774106	13.85%	2.867%
22	14.914	1198	1201	1204	rBV	2543325	2854095	51.08%	10.570%
23	16.206	1312	1314	1317	rBV	615326	790319	14.14%	2.927%
24	17.931	1462	1465	1468	rBV	561812	781978	14.00%	2.896%

Sum of corrected areas: 27002776

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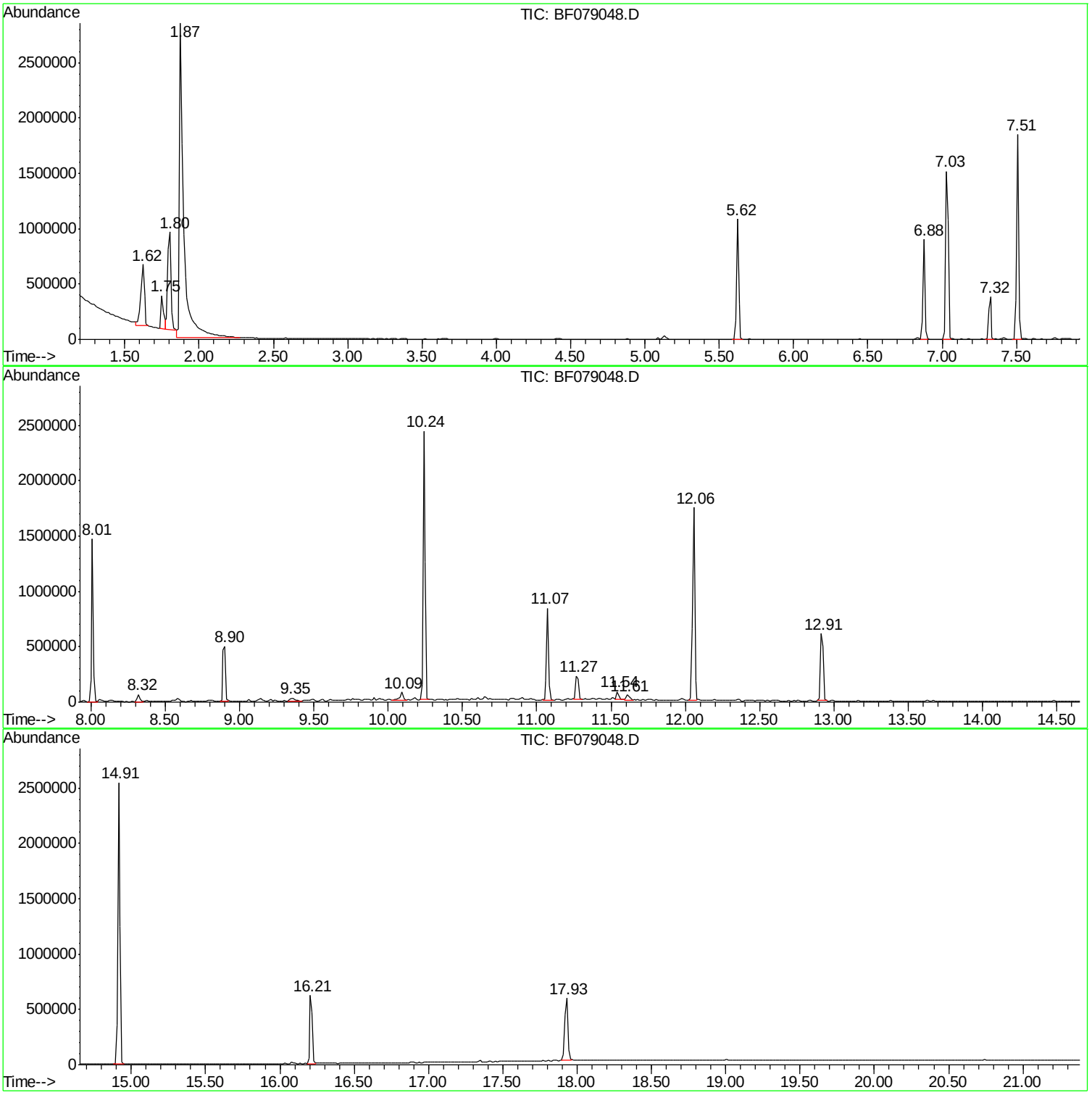
BNA_F
ClientSampleId :
TU021-TW-01

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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TIC Library : C:\DATABASE\NIST02.L
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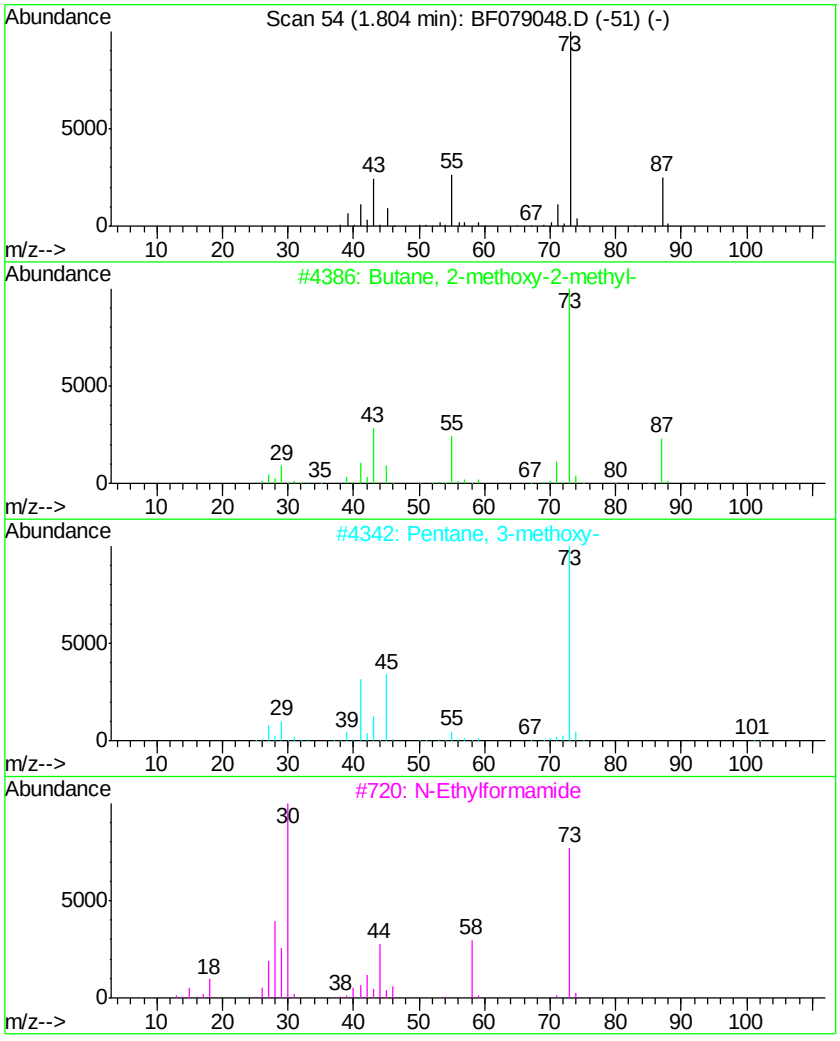
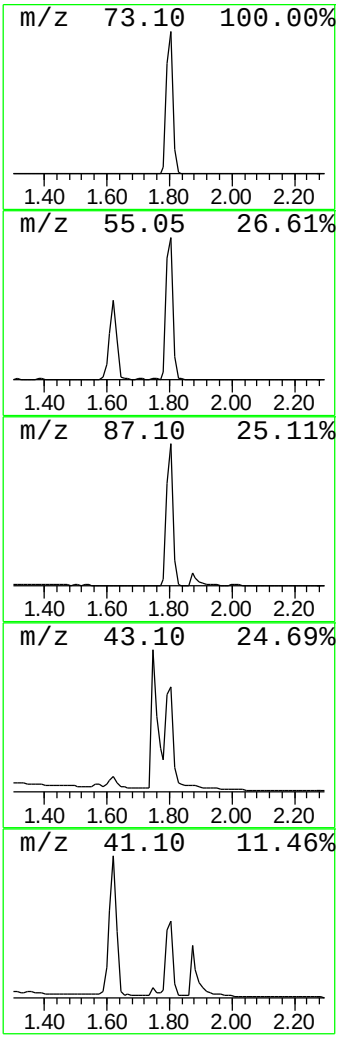
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.80	56.20 ng	1291170	1,4-Dichlorobenzene-d4	7.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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Instrument : BNA_F
ClientSampleId : TU021-TW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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TIC Library : C:\DATABASE\NIST02.L
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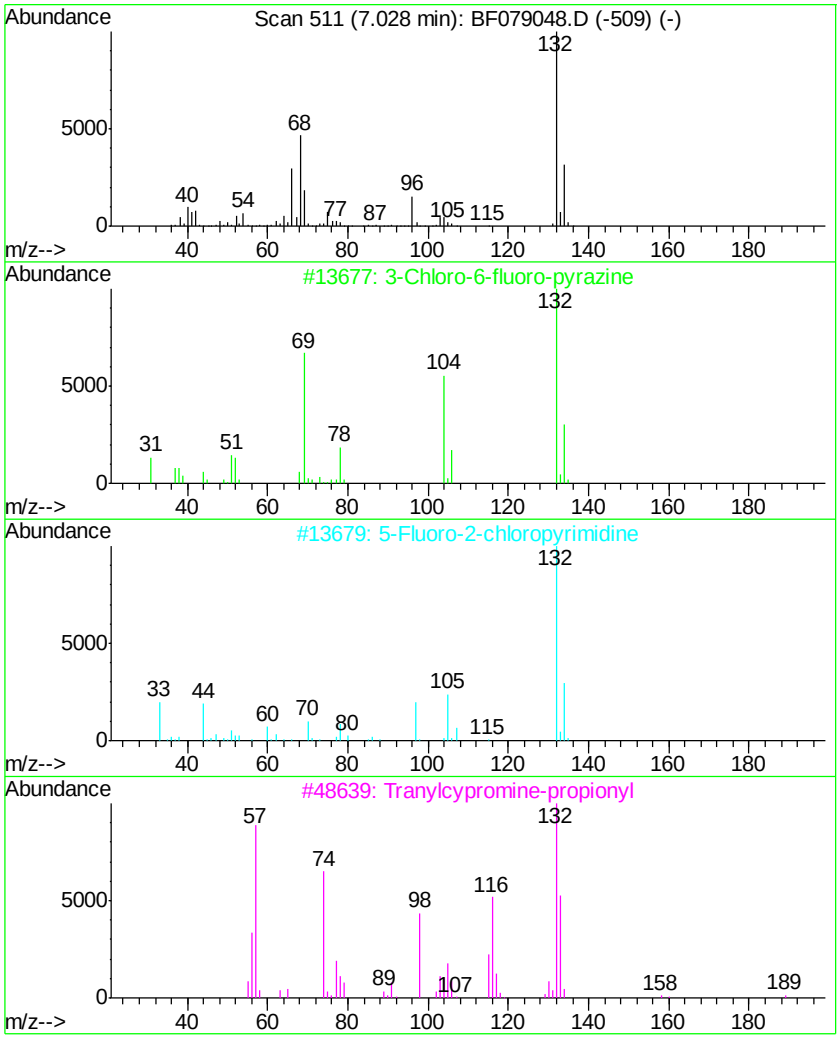
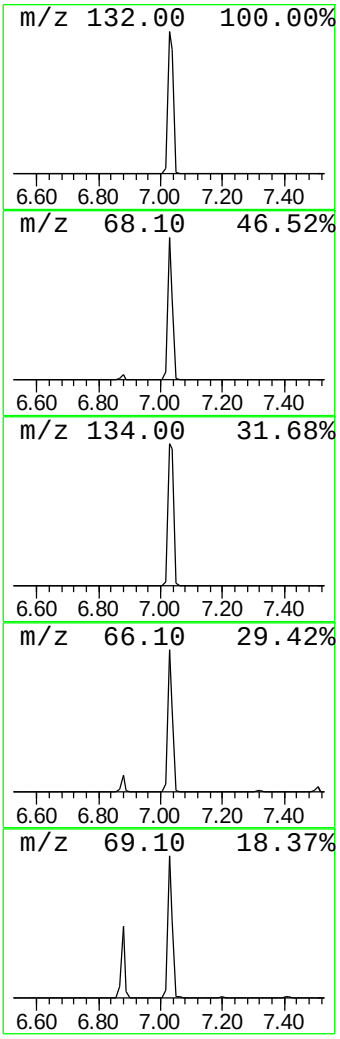
Peak Number 5 unknown7.03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	79.99 ng	1837720	1,4-Dichlorobenzene-d4	7.32

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU021-TW-01

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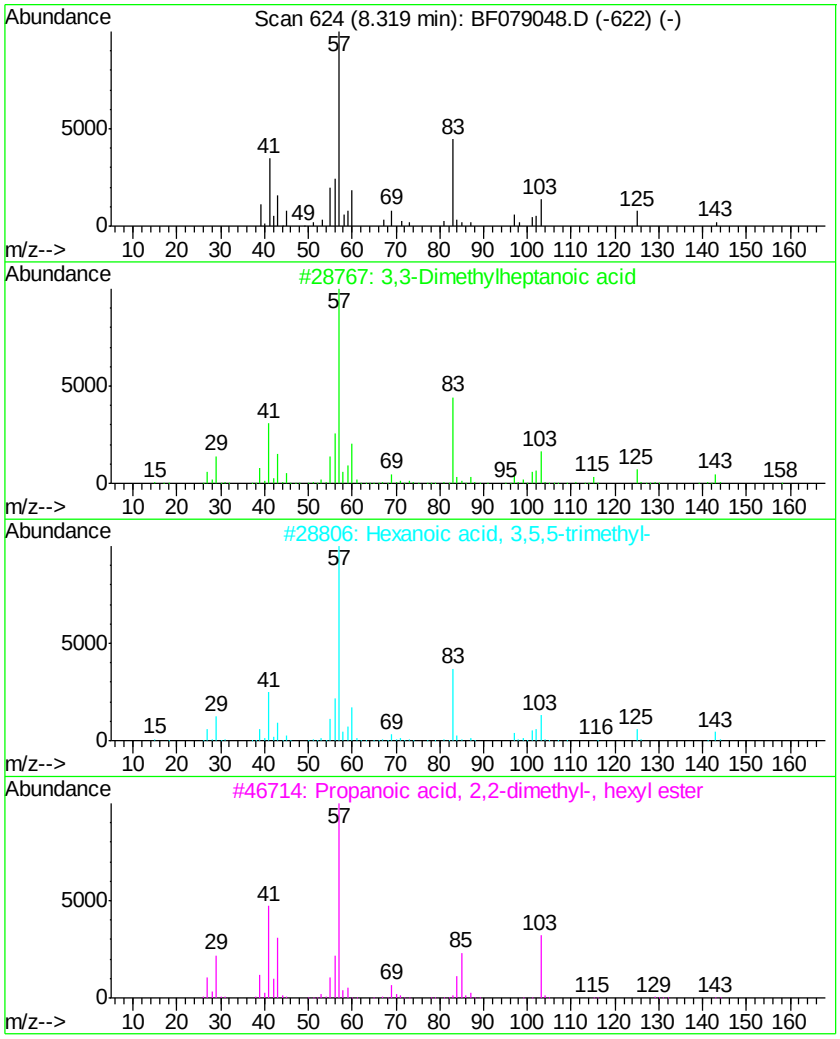
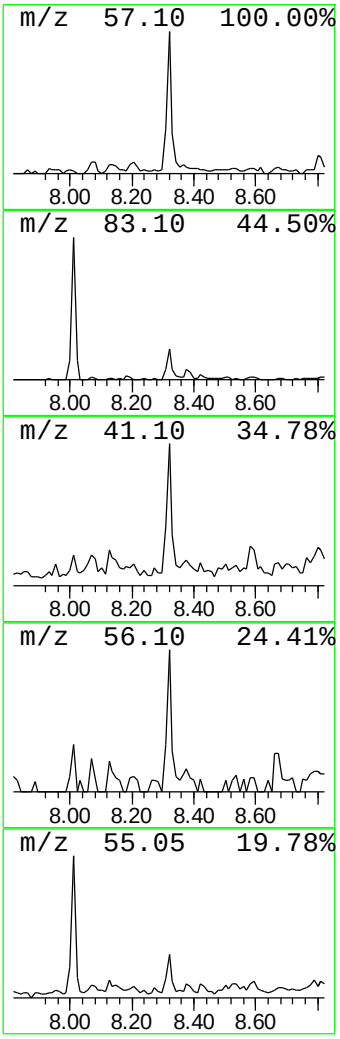
Peak Number 7 3,3-Dimethylheptanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	2.42 ng	82275	Naphthalene-d8	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	83
2	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	83
3	Propanoic acid, 2,2-dimethyl-, h...	186	C11H22O2	005434-57-1	25
4	2,2-Dimethylpropionic acid, cycl...	184	C11H20O2	029878-49-7	23
5	2,2-Dimethylpropionic acid, decy...	242	C15H30O2	215667-91-7	16





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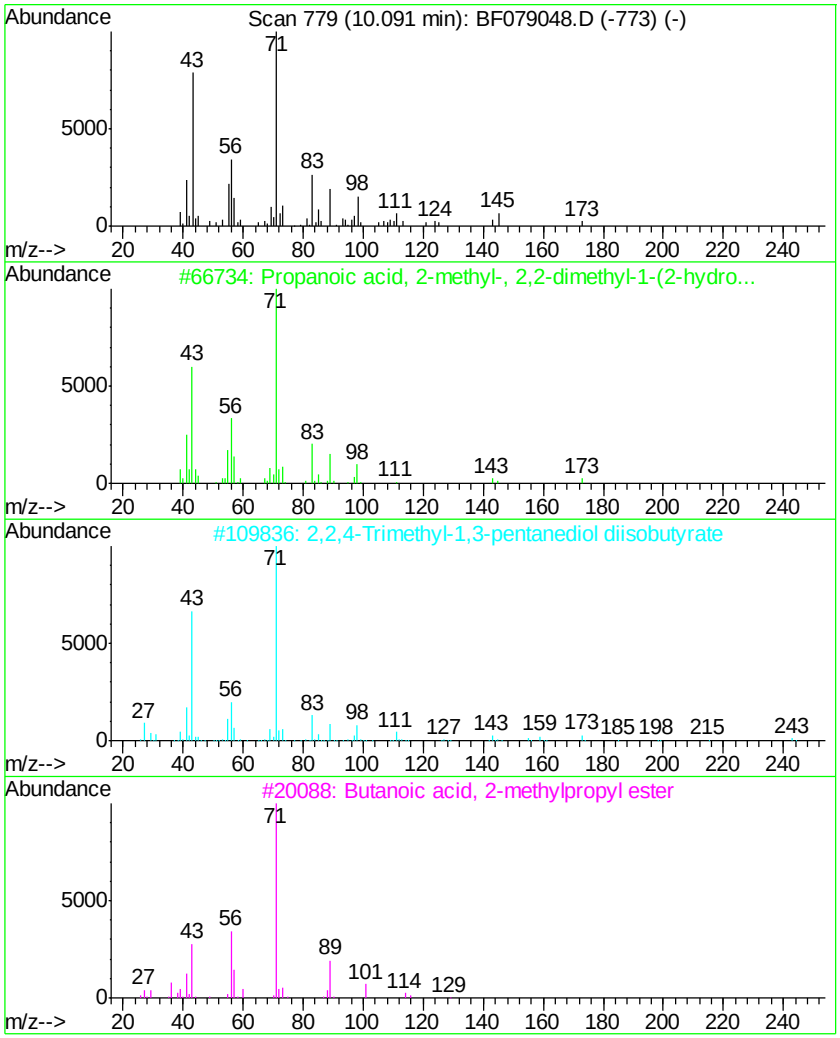
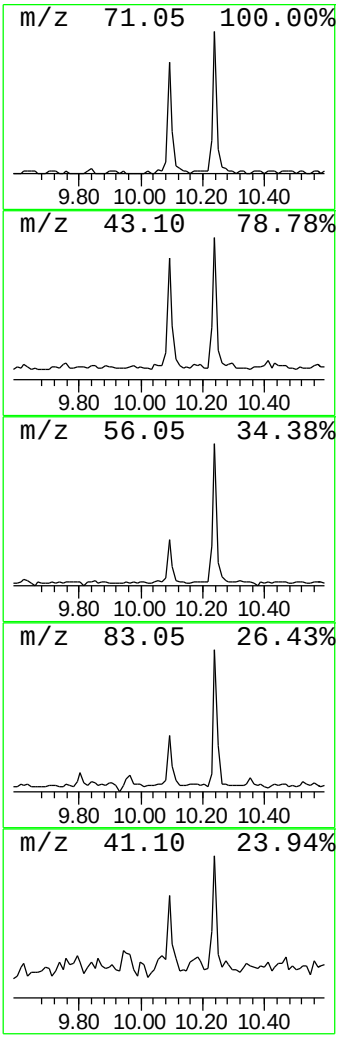
Peak Number 8 Propanoic acid, 2-methyl-, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	3.51 ng	137099	Acenaphthene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	91
2	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	53
3	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	53
4	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	53
5	Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	47





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Instrument : BNA_F
ClientSampleId : TU021-TW-01

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

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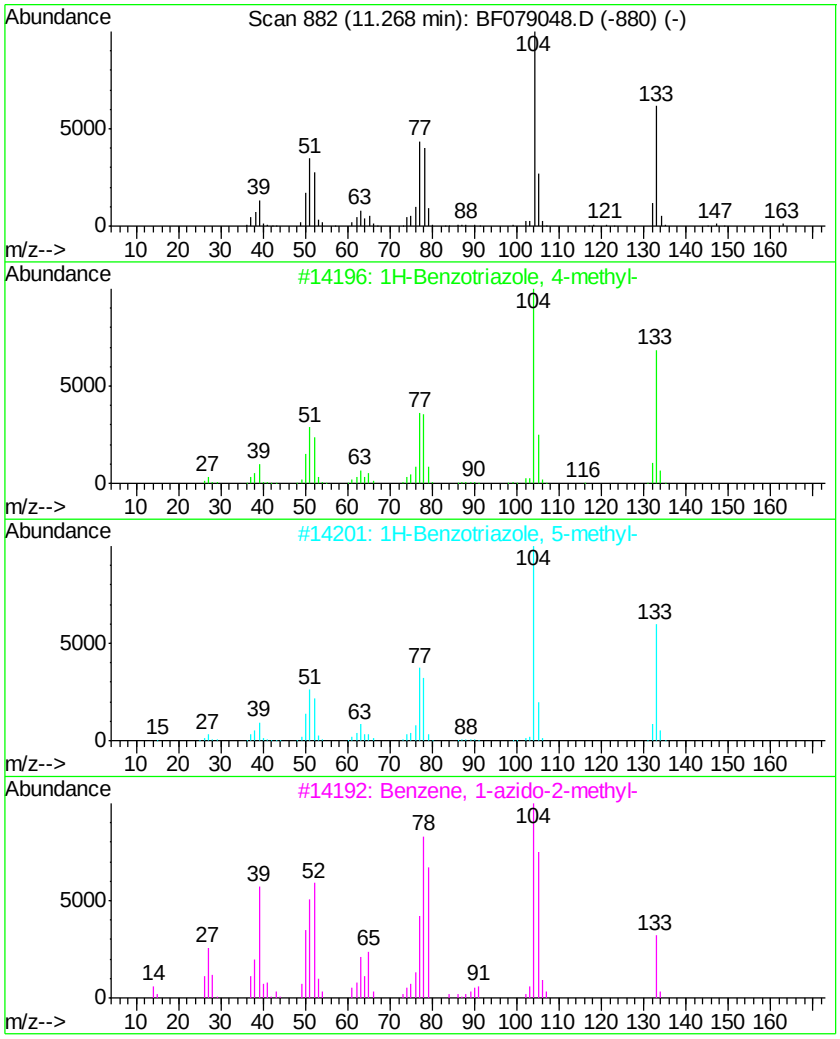
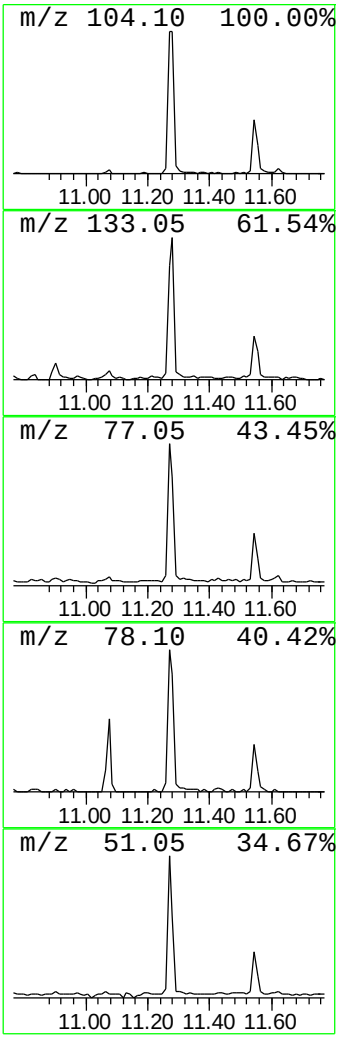
Peak Number 9 1H-Benzotriazole, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	7.12 ng	277960	Acenaphthene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	98
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	97
3	Benzene, 1-azido-2-methyl-	133	C7H7N3	031656-92-5	72
4	1H-Indol-4-ol	133	C8H7NO	002380-94-1	58
5	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	43





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

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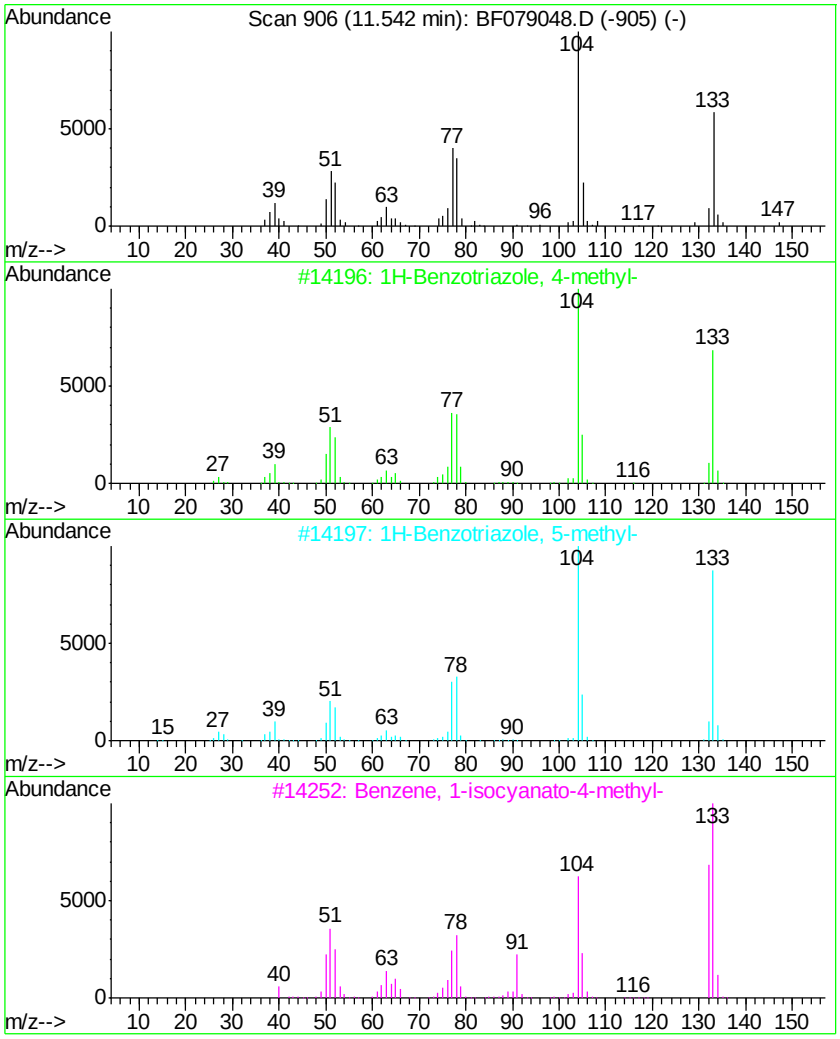
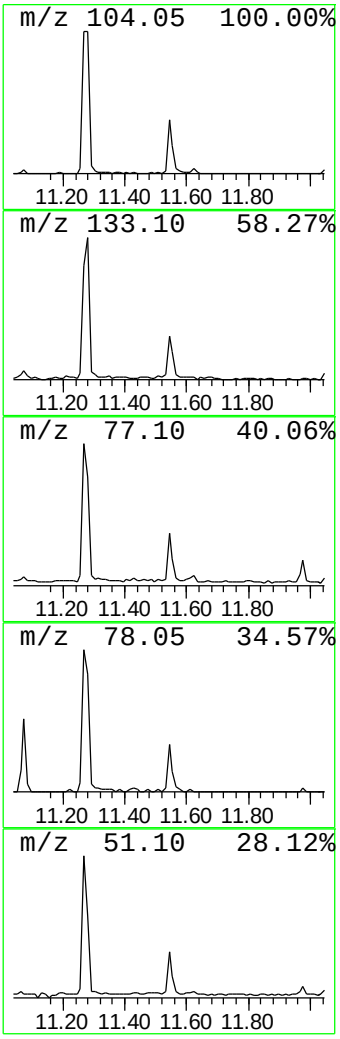
Peak Number 10 1H-Benzotriazole, 5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	2.10 ng	82127	Acenaphthene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	98
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	97
3	Benzene, 1-isocyanato-4-methyl-	133	C8H7NO	000622-58-2	64
4	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	50
5	Styrene	104	C8H8	000100-42-5	43





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
Butane, 2-methoxy...	1.80	56.2	ng	1291170	1	7.32	459484	20.0
unknown7.03	7.03	80.0	ng	1837720	1	7.32	459484	20.0
3,3-Dimethylhepta...	8.32	2.4	ng	82275	2	8.90	680824	20.0
Propanoic acid, 2...	10.09	3.5	ng	137099	3	11.07	780931	20.0
1H-Benzotriazole,...	11.27	7.1	ng	277960	3	11.07	780931	20.0
1H-Benzotriazole,...	11.54	2.1	ng	82127	3	11.07	780931	20.0