LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078843.D
Acq On : 30 Apr 2015 7:33
Operator : TP/IZ
Sample : G2021-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-25-2-5

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	141542	229505	2.65%	0.551%
2	1.541	28	31	34	rVB	7347779	8657280	100.00%	20.777%
3	1.678	40	43	46	rVB	163927	277410	3.20%	0.666%
4	1.781	51	52	57	rBV	445179	645390	7.45%	1.549%
5	1.861	57	59	62	rVV	776666	1187610	13.72%	2.850%
6	1.918	62	64	103	rVB	2738732	5101090	58.92%	12.242%
7	5.153	345	347	349	rBV	109803	132166	1.53%	0.317%
8	5.187	349	350	358	rVB	272685	364727	4.21%	0.875%
9	5.679	390	393	396	rBV	2485275	2436824	28.15%	5.848%
10	6.925	500	502	505	rBV	2158672	2558075	29.55%	6.139%
11	7.096	514	517	519	rBV	2316583	2733352	31.57%	6.560%
12	7.382	540	542	544	rBV	527540	469962	5.43%	1.128%
13	7.576	556	559	561	rVB	1490313	2060876	23.81%	4.946%
14	8.068	600	602	605	rBV	1346584	1544472	17.84%	3.707%
15	8.959	677	680	683	rBV	748957	649743	7.51%	1.559%
16	10.308	795	798	800	rBV	3734705	3305671	38.18%	7.933%
17	11.142	868	871	873	rBV	610620	693180	8.01%	1.664%
18	12.114	954	956	959	rBV	1806272	2014554	23.27%	4.835%
19	12.982	1030	1032	1034	rBV	779044	741827	8.57%	1.780%
20	14.983	1204	1207	1210	rBV	3714466	3738254	43.18%	8.972%
21	16.148	1306	1309	1318	rBV	278405	376002	4.34%	0.902%
22	16.286	1318	1321	1323	rBV	626600	858190	9.91%	2.060%
23	18.034	1471	1474	1477	rBV	627319	891183	10.29%	2.139%

Sum of corrected areas: 41667343

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
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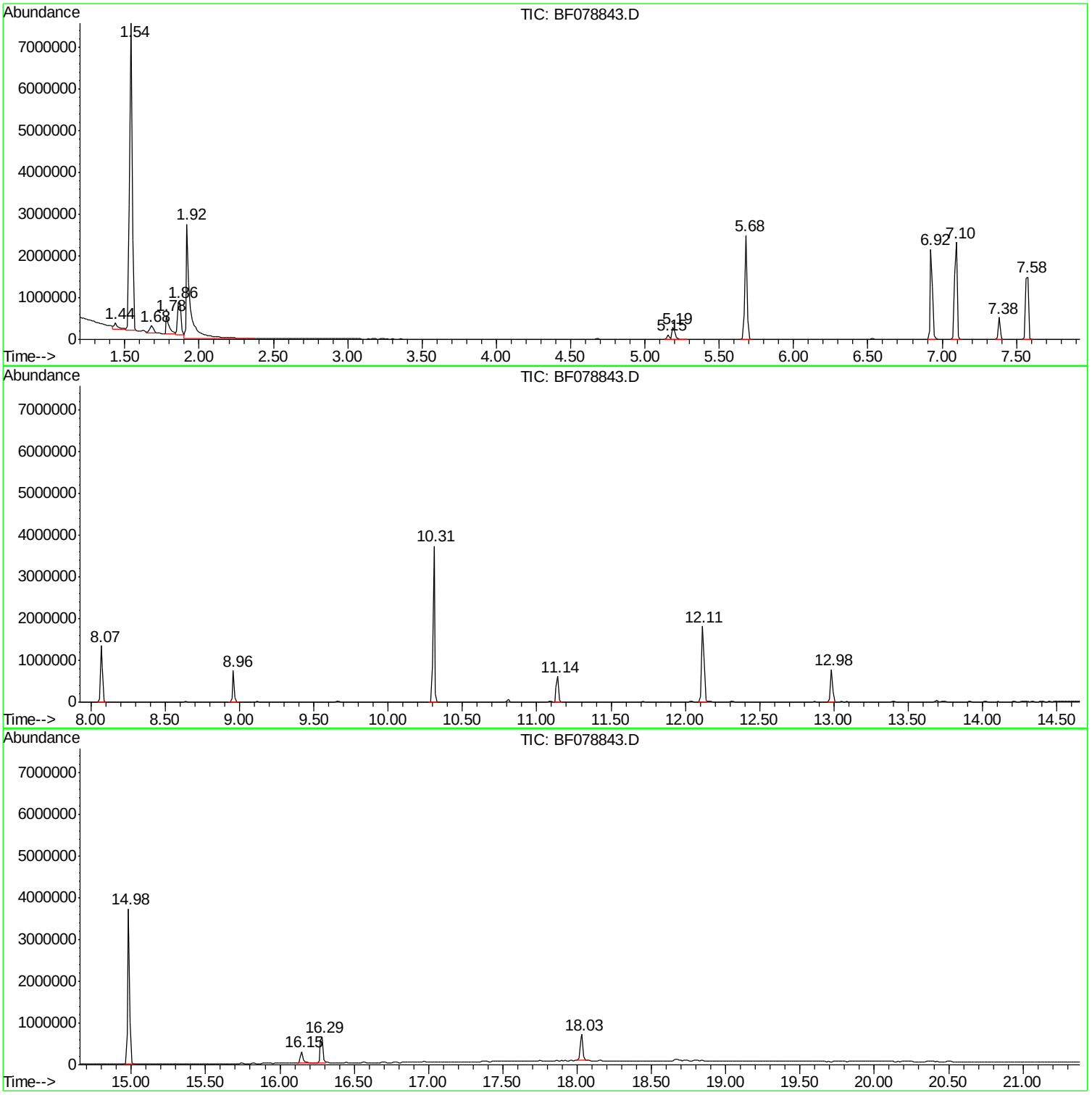
Operator : TP/IZ
Sample : G2021-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-25-2-5

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 : BF078843.D
Acq On : 30 Apr 2015 7:33
Operator : TP/IZ
Sample : G2021-12
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Instrument : BNA_F
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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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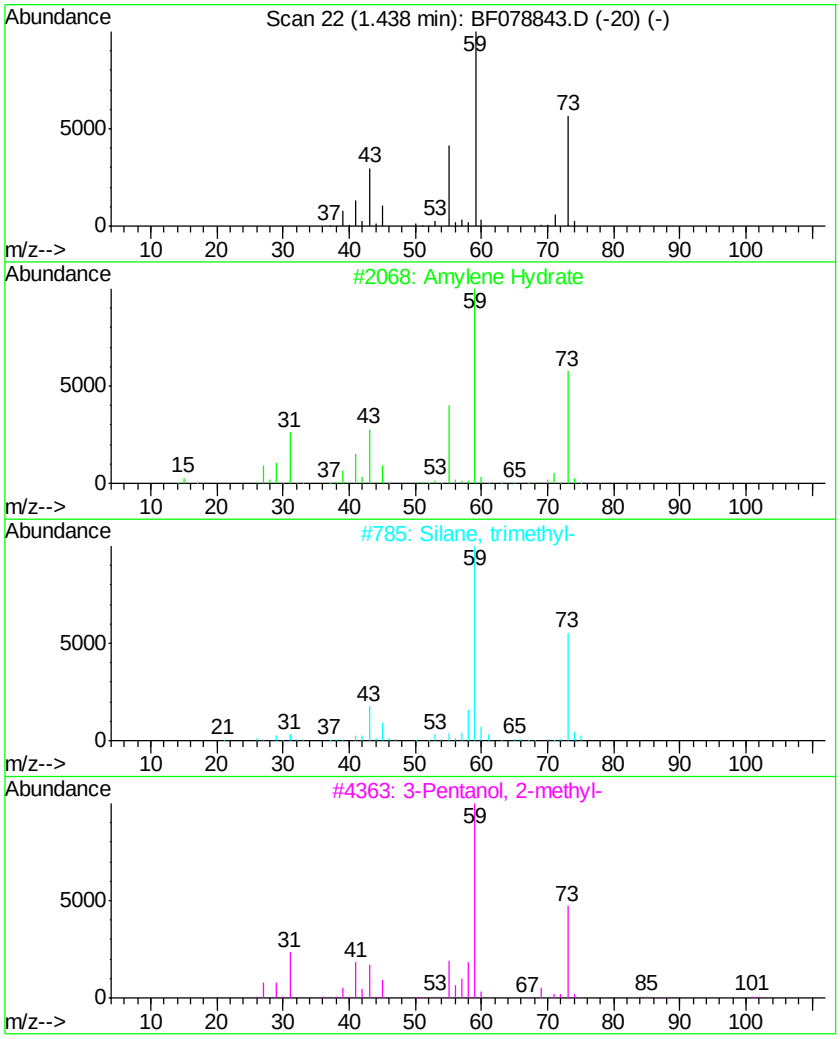
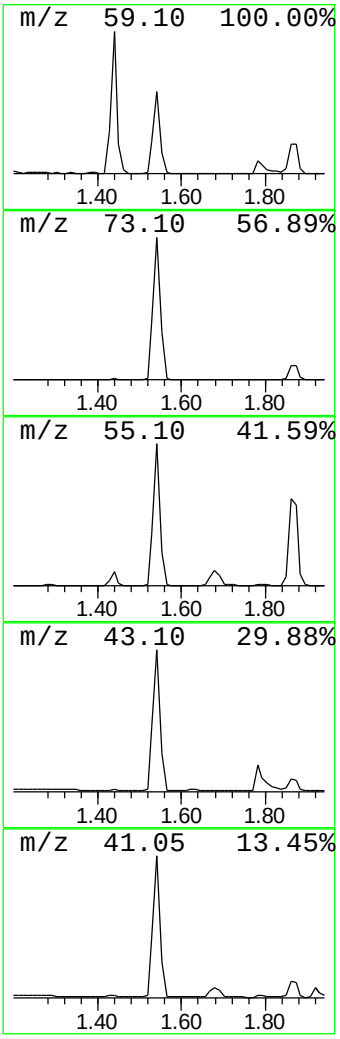
Peak Number 1 Amylene Hydrate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.44	9.77 ng	229505	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	Silane, trimethyl-	74	C3H10Si	000993-07-7	39
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9
4	3-Hexanol	102	C6H14O	000623-37-0	9
5	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078843.D
Acq On : 30 Apr 2015 7:33
Operator : TP/IZ
Sample : G2021-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-25-2-5

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

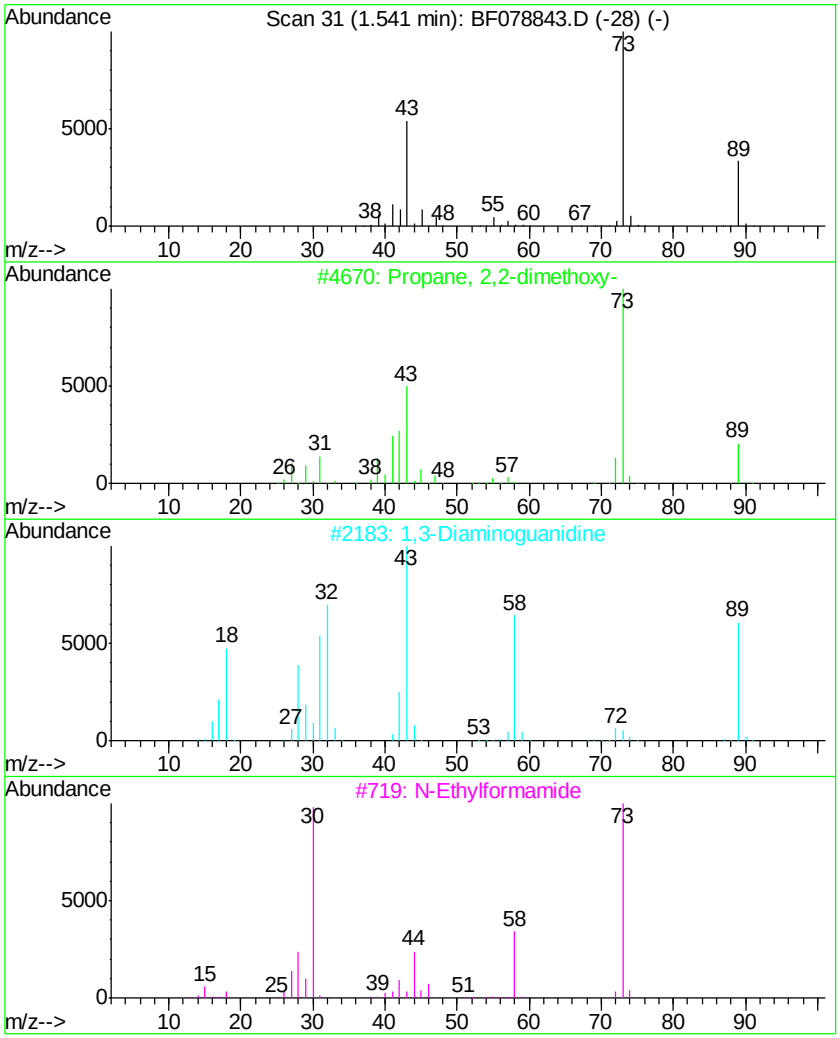
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

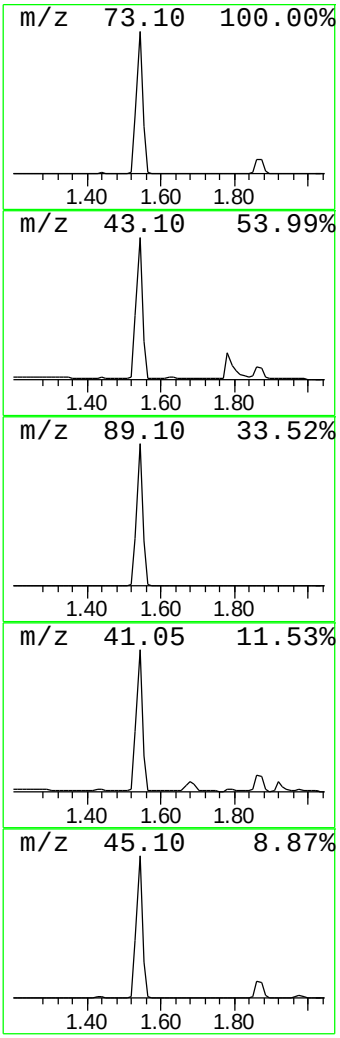
****

Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.54	368.43 ng	8657280	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	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078843.D
Acq On : 30 Apr 2015 7:33
Operator : TP/IZ
Sample : G2021-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-25-2-5

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

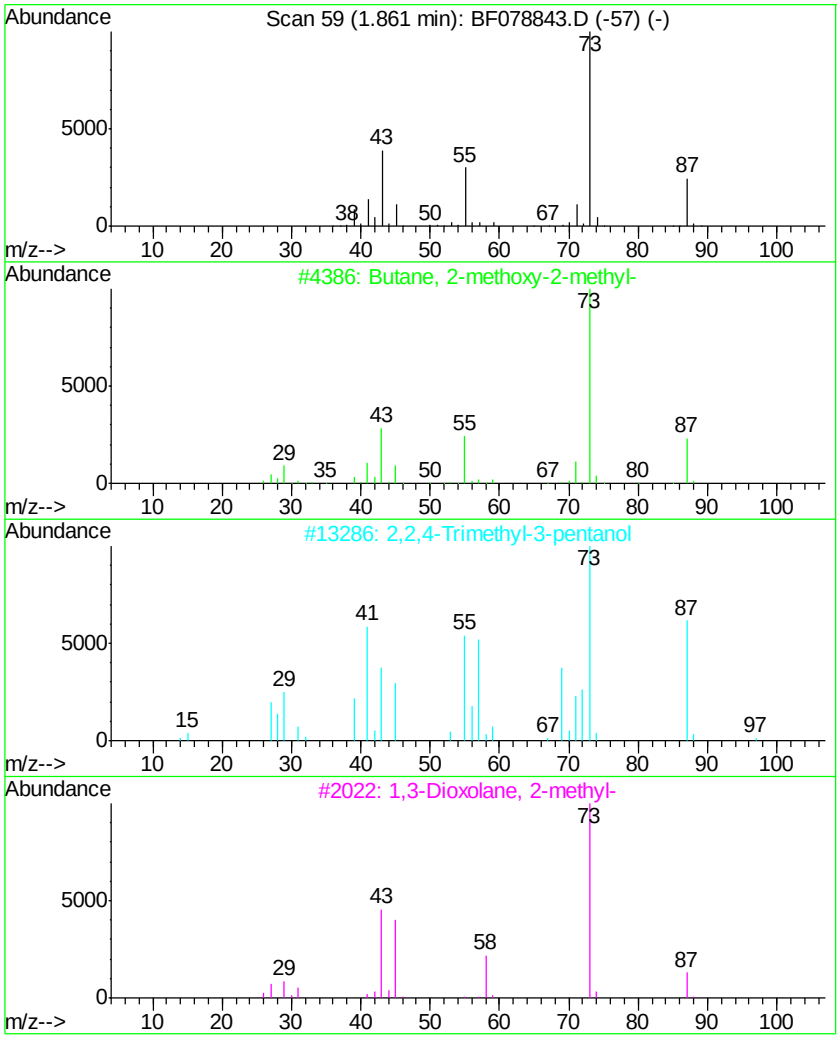
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

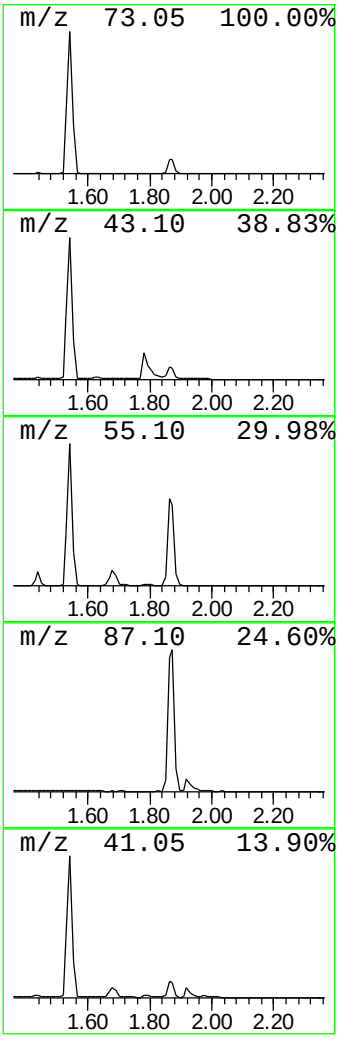
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.86	50.54 ng	1187610	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078843.D
Acq On : 30 Apr 2015 7:33
Operator : TP/IZ
Sample : G2021-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-25-2-5

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

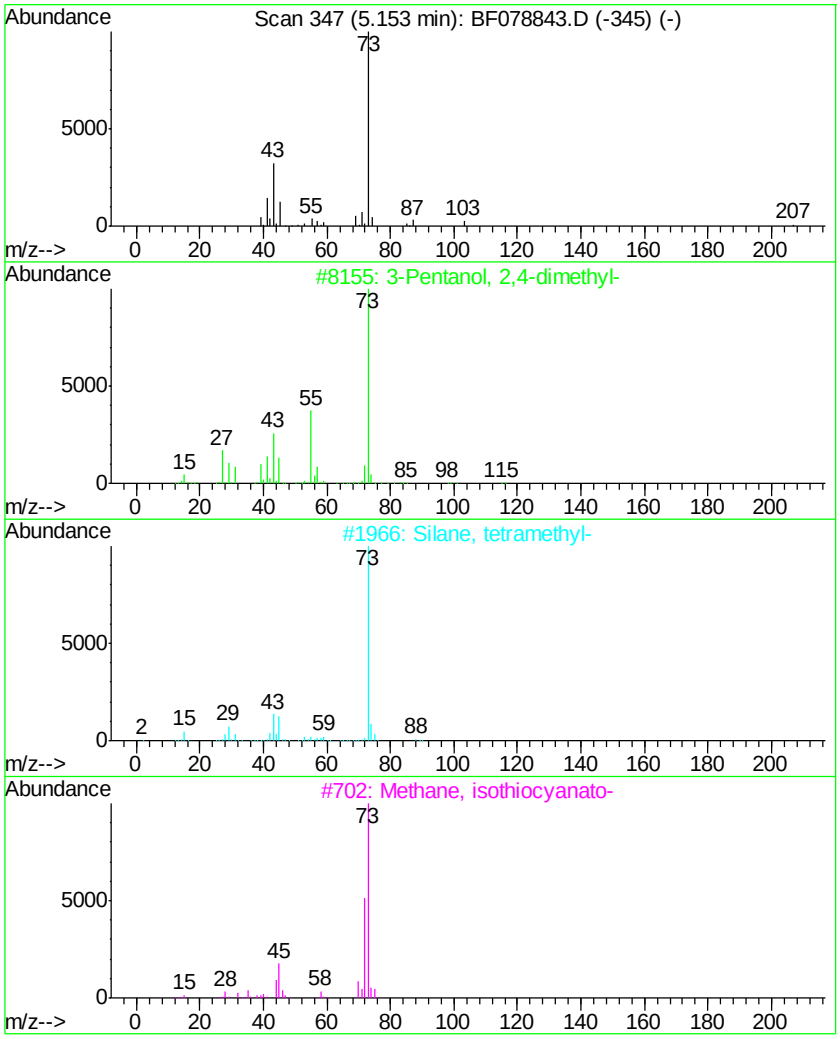
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

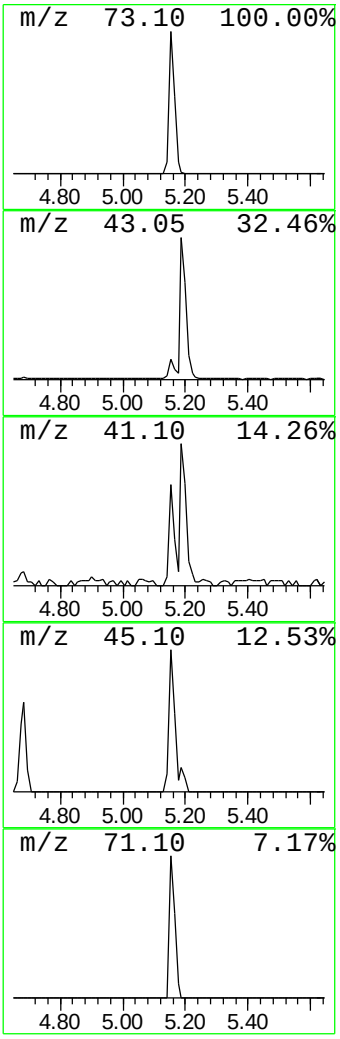
****

Peak Number 7 unknown5.15 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	5.62 ng	132166	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	28
3	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	Isopropyl 5,11-dihydroxy-3,7,11-...	314	C18H34O4	1000223-34-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078843.D
Acq On : 30 Apr 2015 7:33
Operator : TP/IZ
Sample : G2021-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-25-2-5

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

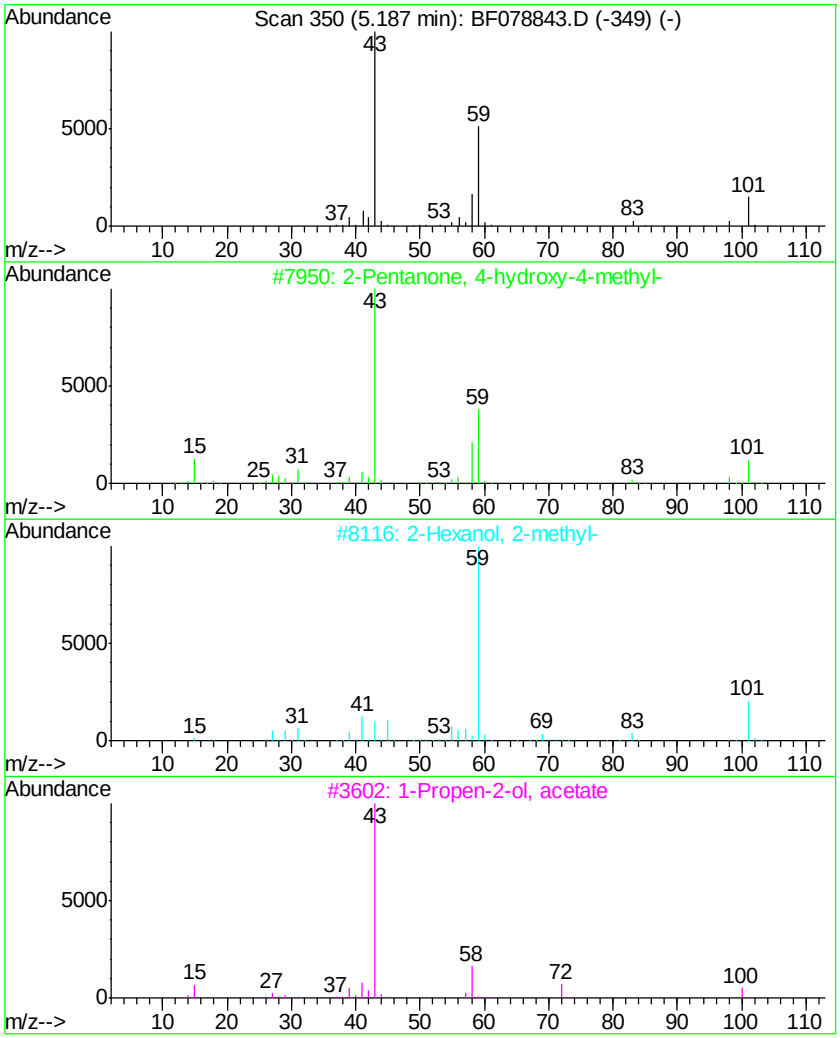
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

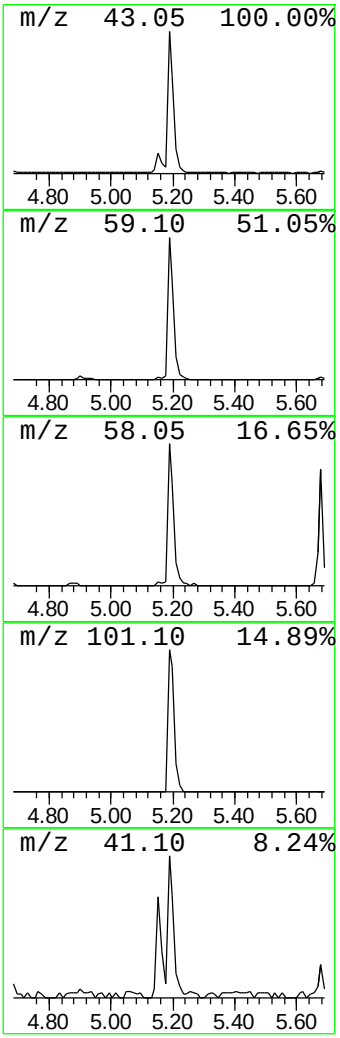
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	15.52 ng	364727	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	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078843.D
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Operator : TP/IZ
Sample : G2021-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-25-2-5

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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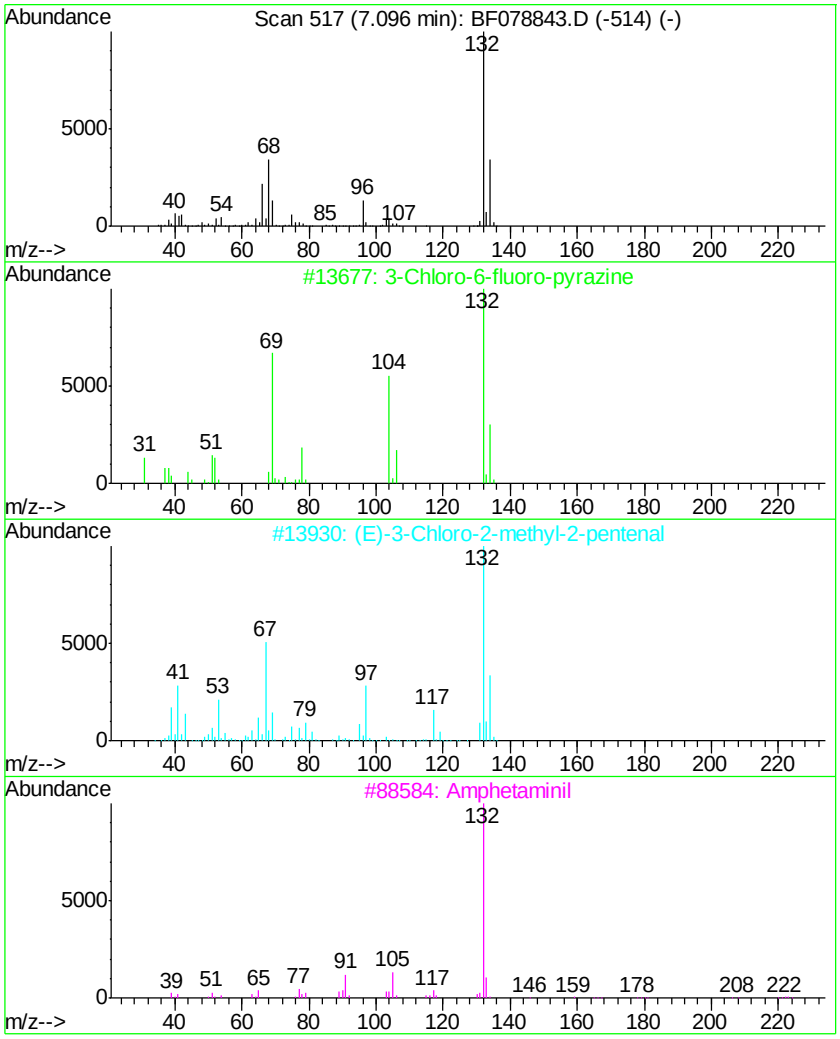
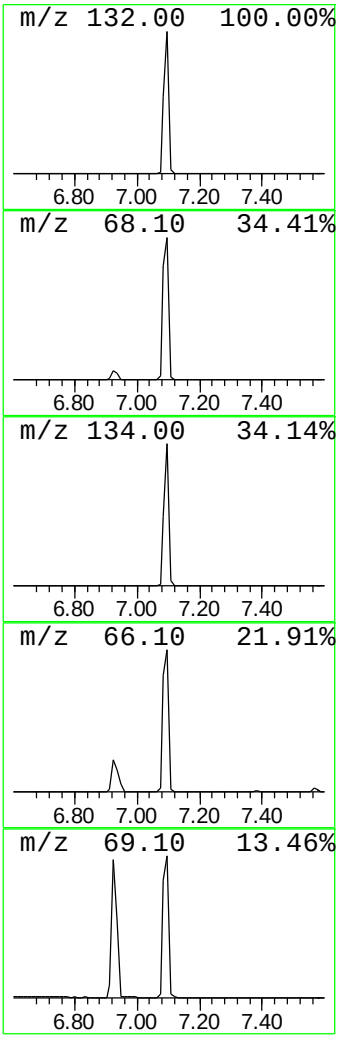
Peak Number 9 unknown7.10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	116.32 ng	2733350	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	12
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





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Operator : TP/IZ
Sample : G2021-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-25-2-5

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

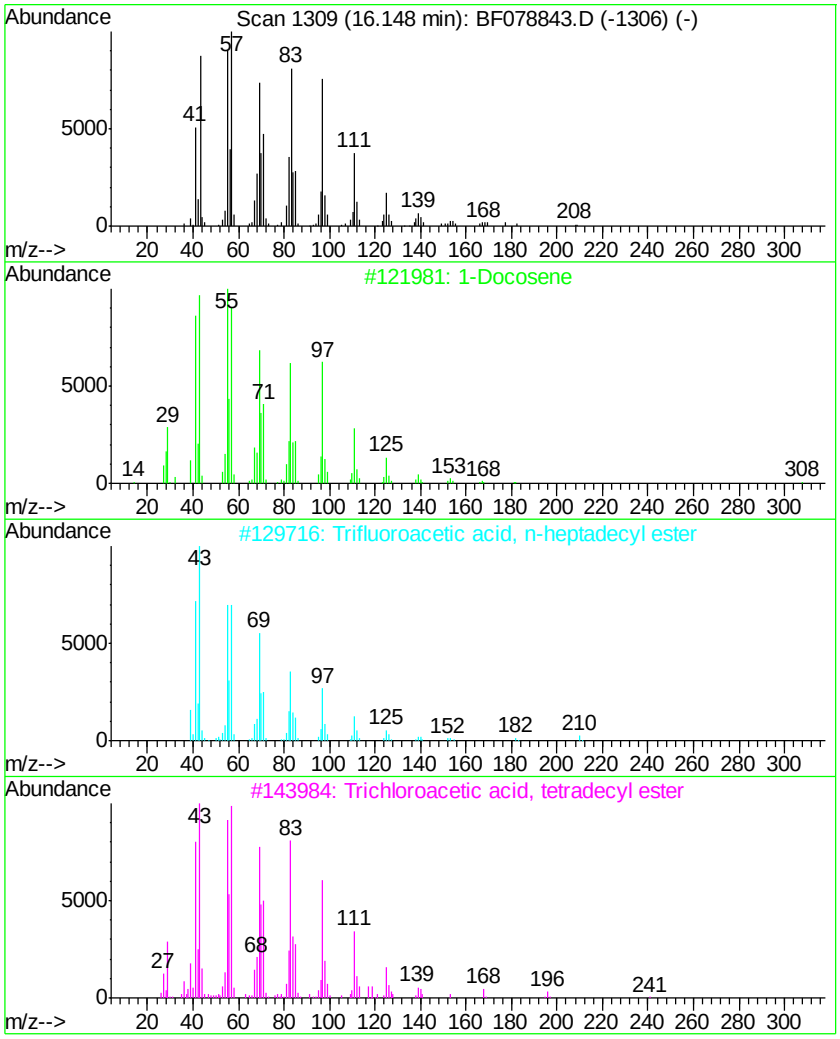
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

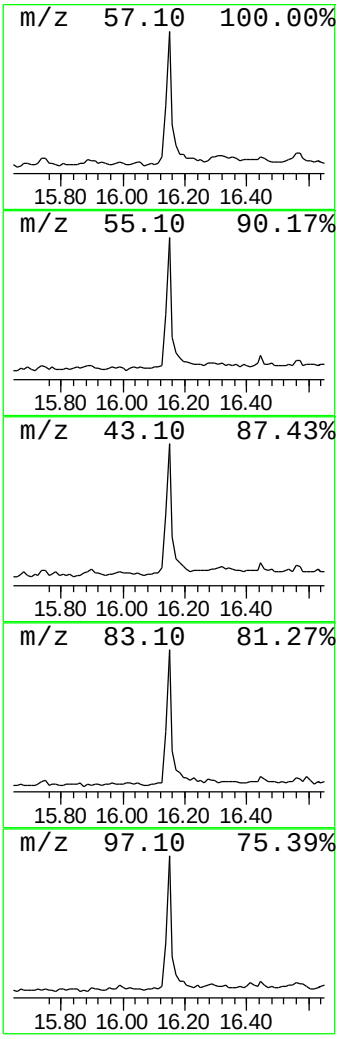
****

Peak Number 11 1-Docosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	8.76 ng	376002	Chrysene-d12	16.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	90
2	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	90
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90
4	1-Nonadecene	266	C19H38	018435-45-5	87
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
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Acq On : 30 Apr 2015 7:33
Operator : TP/IZ
Sample : G2021-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-25-2-5

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	9.8	ng	229505	1	7.38	469962	20.0
Propane, 2,2-dime...	1.54	368.4	ng	8657280	1	7.38	469962	20.0
Butane, 2-methoxy...	1.86	50.5	ng	1187610	1	7.38	469962	20.0
unknown5.15	5.15	5.6	ng	132166	1	7.38	469962	20.0
2-Pentanone, 4-hy...	5.19	15.5	ng	364727	1	7.38	469962	20.0
unknown7.10	7.10	116.3	ng	2733350	1	7.38	469962	20.0
1-Docosene	16.15	8.8	ng	376002	5	16.29	858190	20.0