LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
Data File : BF077858.D
Acq On : 20 Mar 2015 6:13
Operator : TP/IZ
Sample : G1580-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-DRH-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-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	1.218	27	29	34	rVB2	48847	74583	1.47%	0.386%
2	1.310	34	37	40	rVB	4654088	5061503	100.00%	26.222%
3	1.424	45	47	60	rVB	88515	224526	4.44%	1.163%
4	1.595	60	62	65	rVB	342854	383777	7.58%	1.988%
5	1.664	66	68	77	rVB	156620	260690	5.15%	1.351%
6	1.778	77	78	102	rVB	865231	1560275	30.83%	8.083%
7	4.910	350	352	358	rVB	130169	158831	3.14%	0.823%
8	5.447	396	399	401	rBV	973410	1097515	21.68%	5.686%
9	6.727	509	511	514	rBV	1065284	1047030	20.69%	5.424%
10	6.864	521	523	526	rBV	1306505	1192956	23.57%	6.180%
11	7.150	546	548	551	rBV	278821	245206	4.84%	1.270%
12	7.333	562	564	567	rBV	914777	926168	18.30%	4.798%
13	7.847	606	609	611	rBV	811262	726626	14.36%	3.764%
14	8.727	684	686	688	rBV	367472	333329	6.59%	1.727%
15	10.076	802	804	806	rBV	1663029	1476250	29.17%	7.648%
16	10.899	874	876	878	rBV	406180	385970	7.63%	2.000%
17	11.882	959	962	964	rBV	676250	875407	17.30%	4.535%
18	12.076	977	979	983	rBV	65379	86777	1.71%	0.450%
19	12.739	1034	1037	1039	rBV	386303	407629	8.05%	2.112%
20	14.728	1209	1211	1214	rBV	1314165	1702909	33.64%	8.822%
21	15.905	1310	1314	1322	rBV2	79983	153296	3.03%	0.794%
22	16.020	1322	1324	1327	rBV	442485	457953	9.05%	2.372%
23	17.757	1473	1476	1479	rBV	356284	463568	9.16%	2.402%

Sum of corrected areas: 19302774

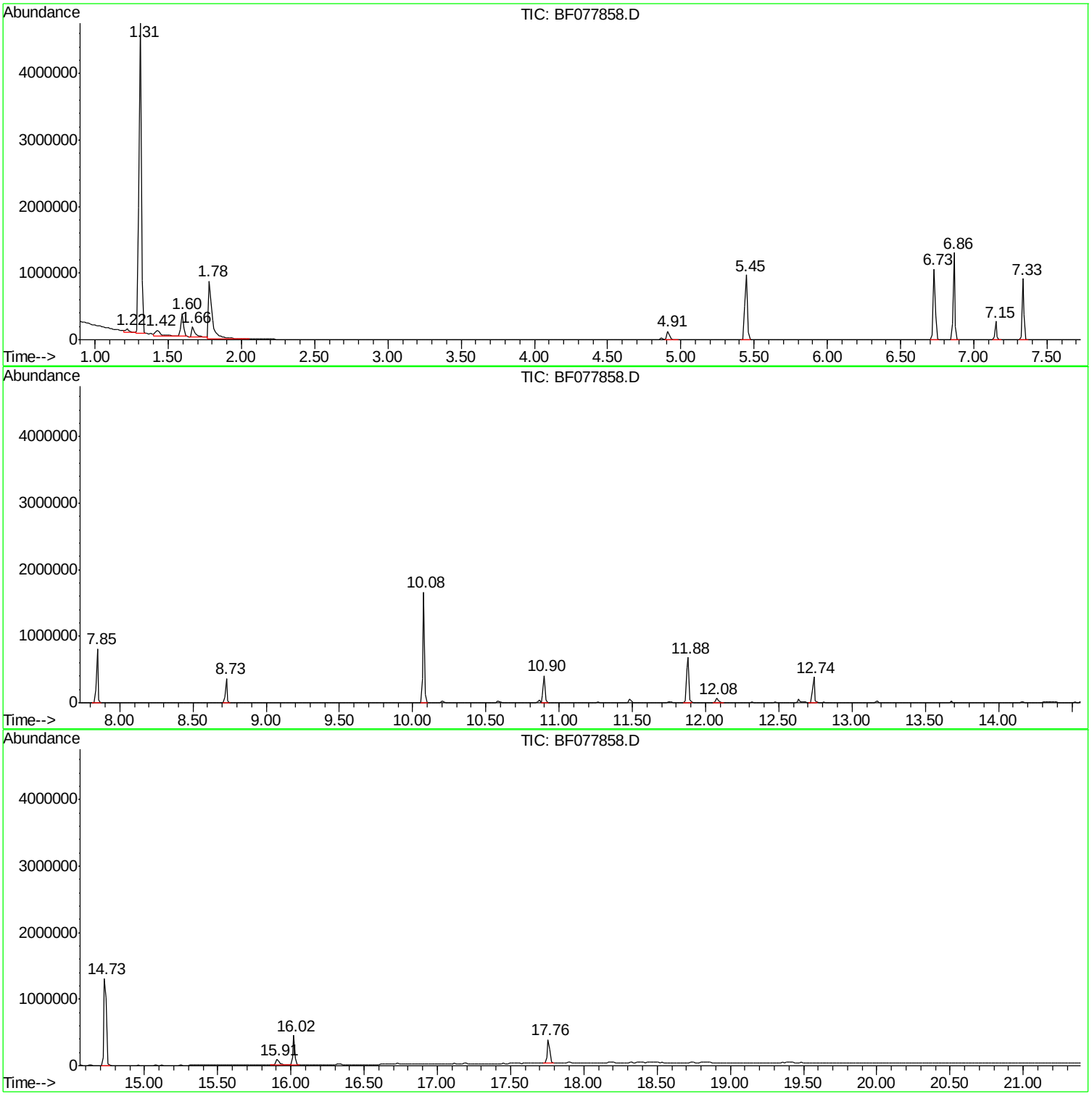
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
Data File : BF077858.D
Acq On : 20 Mar 2015 6:13
Operator : TP/IZ
Sample : G1580-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-DRH-01

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
Data File : BF077858.D
Acq On : 20 Mar 2015 6:13
Operator : TP/IZ
Sample : G1580-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-DRH-01

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

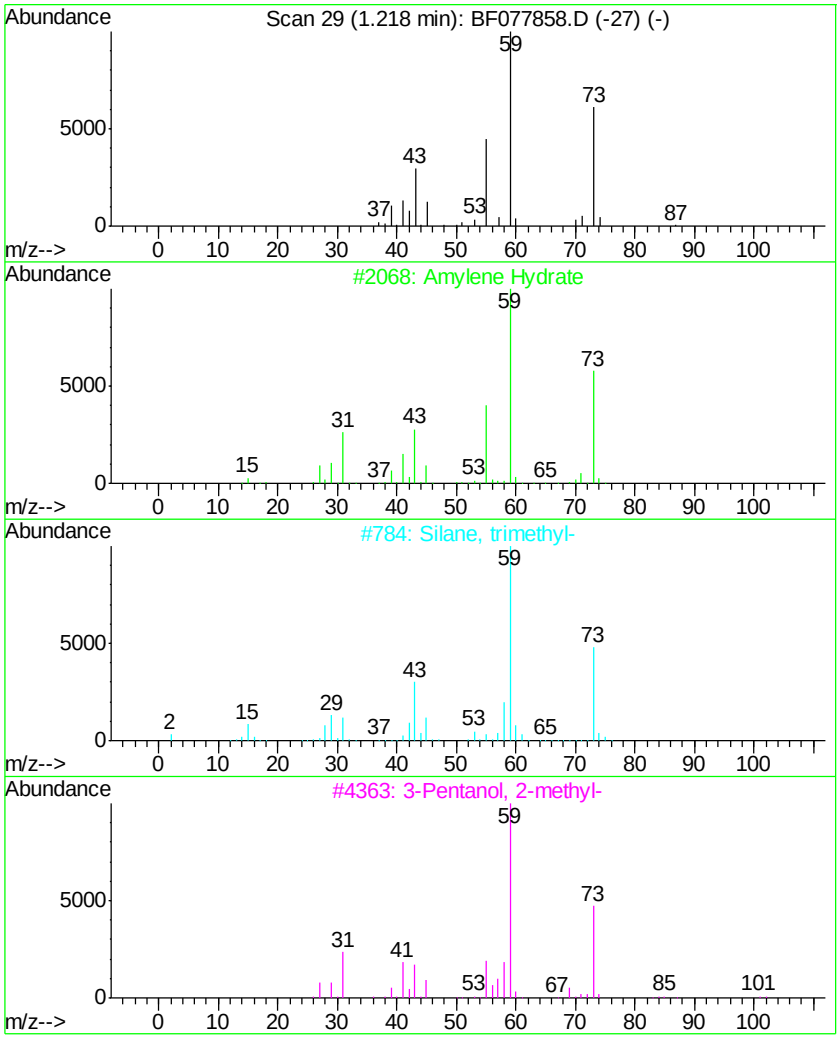
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

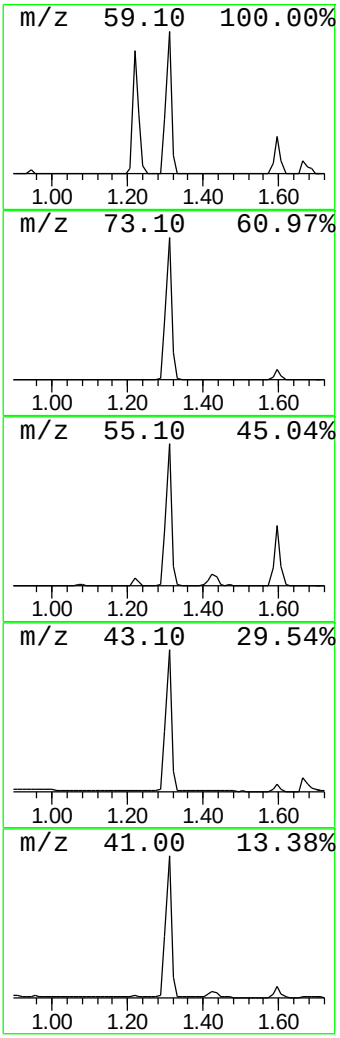
****

Peak Number 1 Amylene Hydrate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	6.08 ng	74583	1,4-Dichlorobenzene-d4	7.15

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	64
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	39
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	10
5	Hexanamide	115	C6H13NO	000628-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
Data File : BF077858.D
Acq On : 20 Mar 2015 6:13
Operator : TP/IZ
Sample : G1580-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DGA-DRH-01

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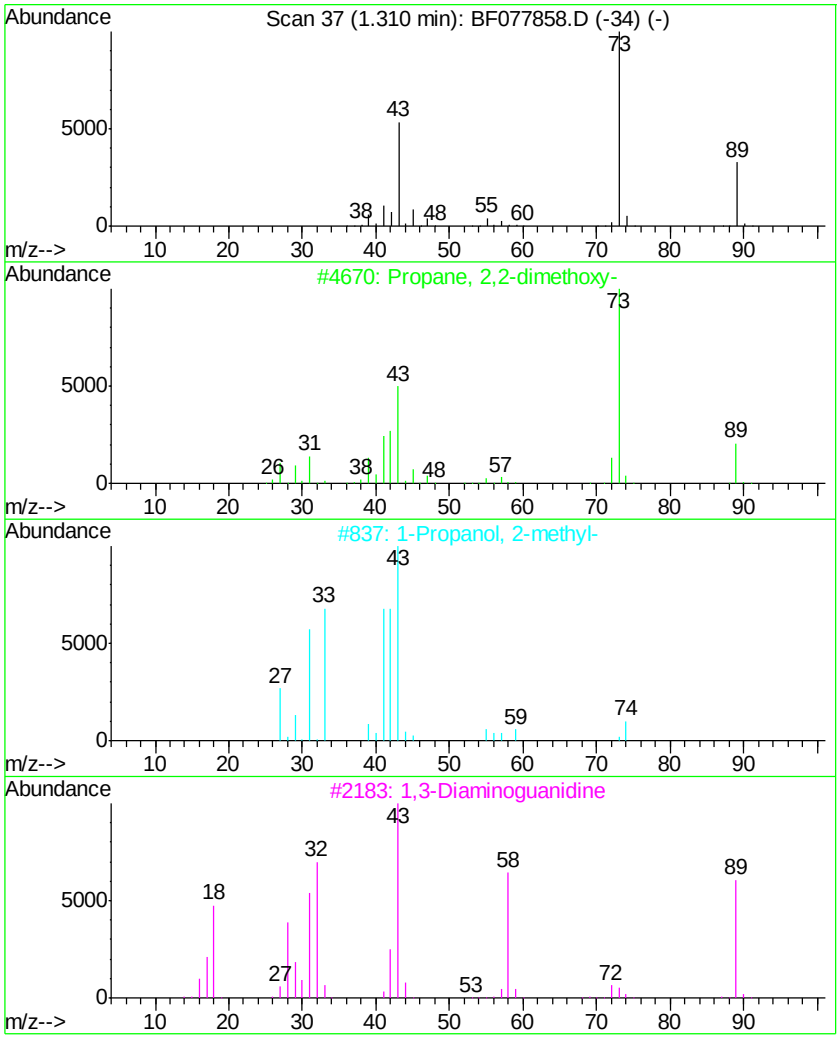
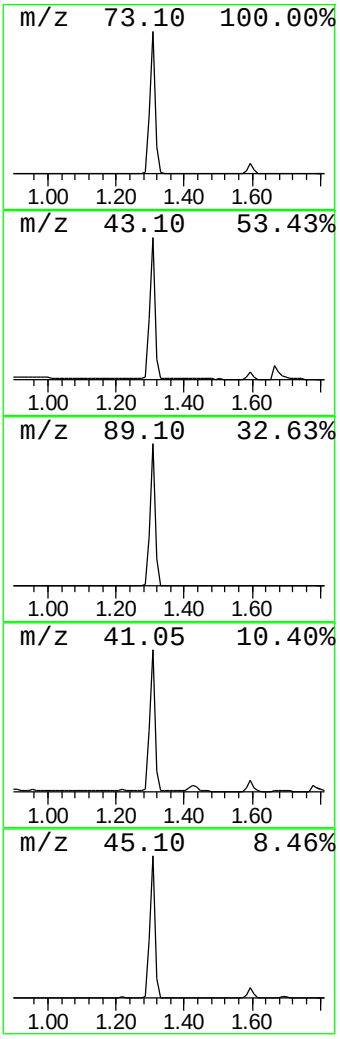
Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.31	412.84 ng	5061500	1,4-Dichlorobenzene-d4	7.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
Data File : BF077858.D
Acq On : 20 Mar 2015 6:13
Operator : TP/IZ
Sample : G1580-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-DRH-01

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

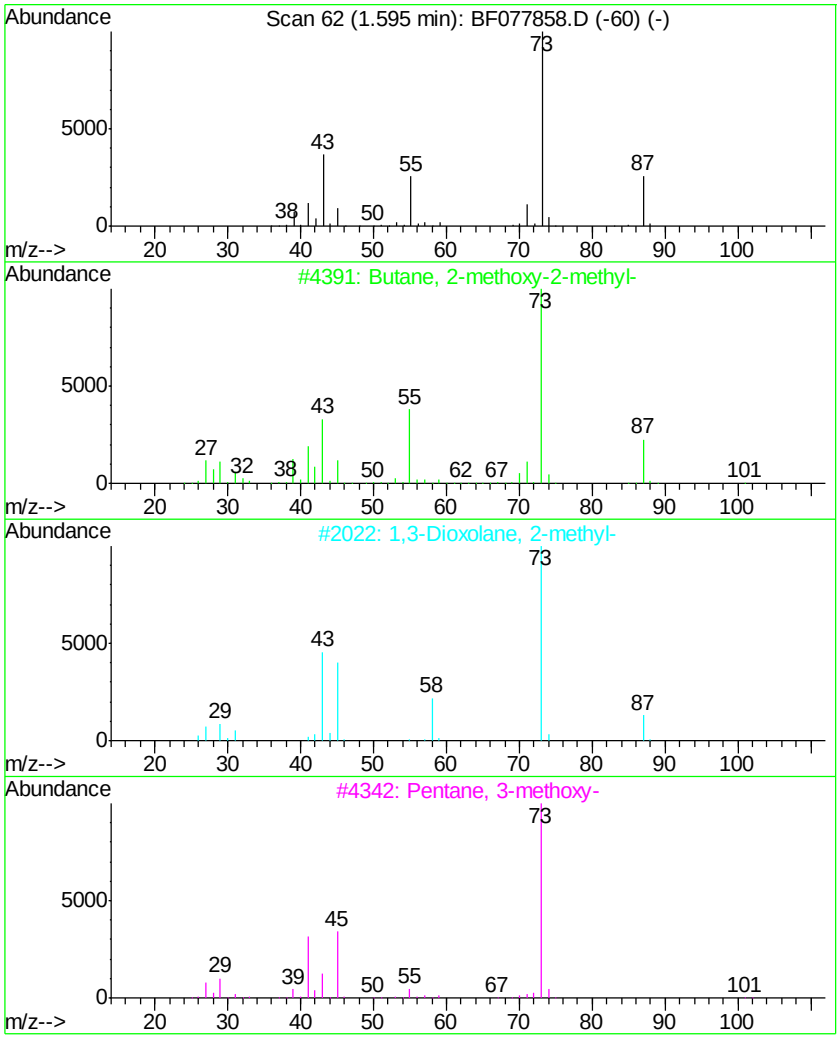
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

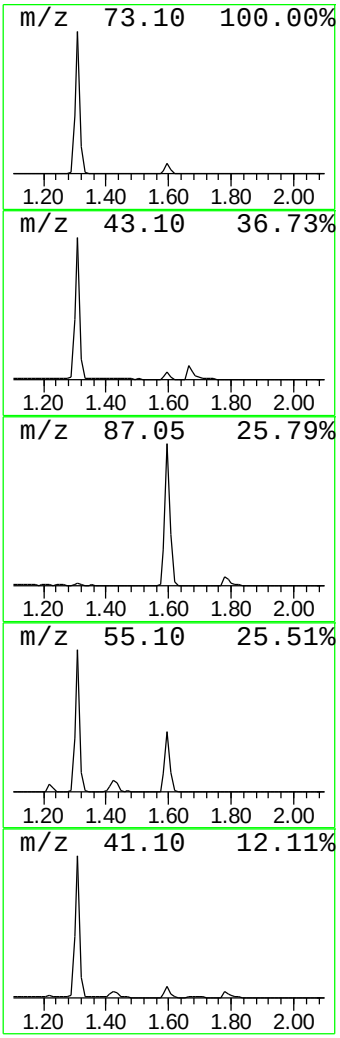
****

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.60	31.30 ng	383777	1,4-Dichlorobenzene-d4	7.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
Data File : BF077858.D
Acq On : 20 Mar 2015 6:13
Operator : TP/IZ
Sample : G1580-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-DRH-01

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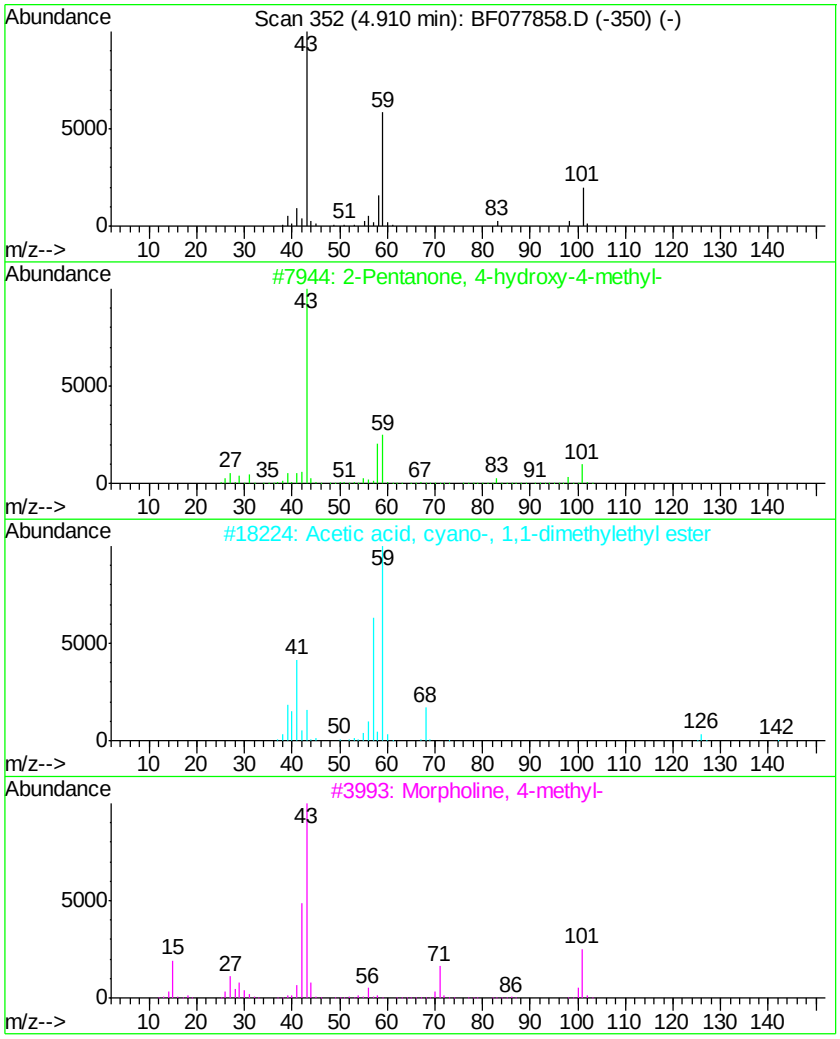
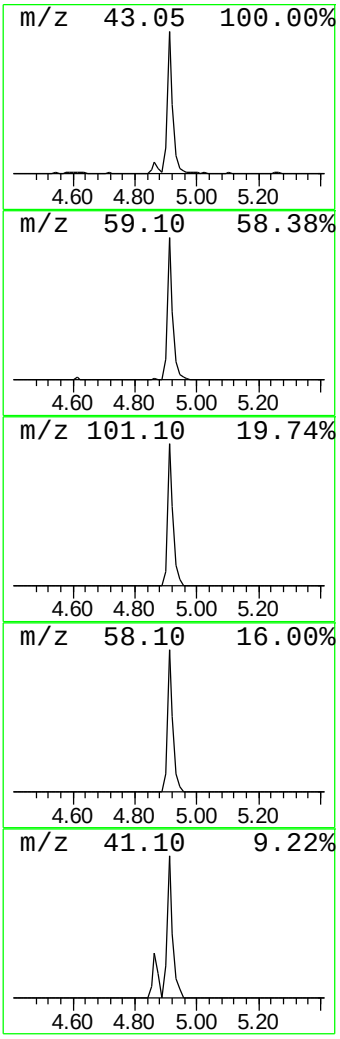
Peak Number 7 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	12.95 ng	158831	1,4-Dichlorobenzene-d4	7.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
Data File : BF077858.D
Acq On : 20 Mar 2015 6:13
Operator : TP/IZ
Sample : G1580-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-DRH-01

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

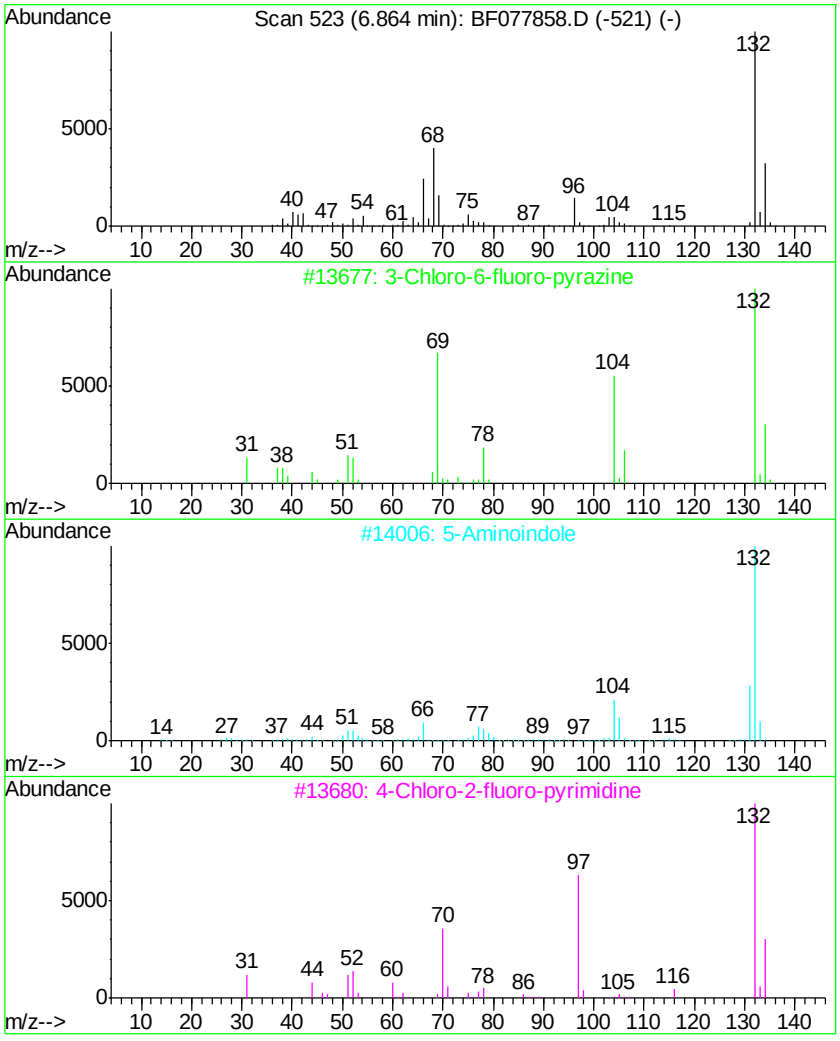
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

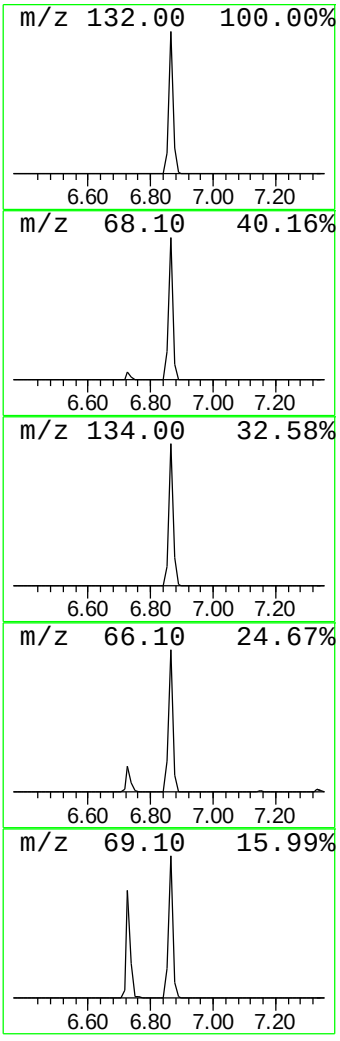
****

Peak Number 8 unknown6.86 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	97.30 ng	1192960	1,4-Dichlorobenzene-d4	7.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
Data File : BF077858.D
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Operator : TP/IZ
Sample : G1580-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-DRH-01

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

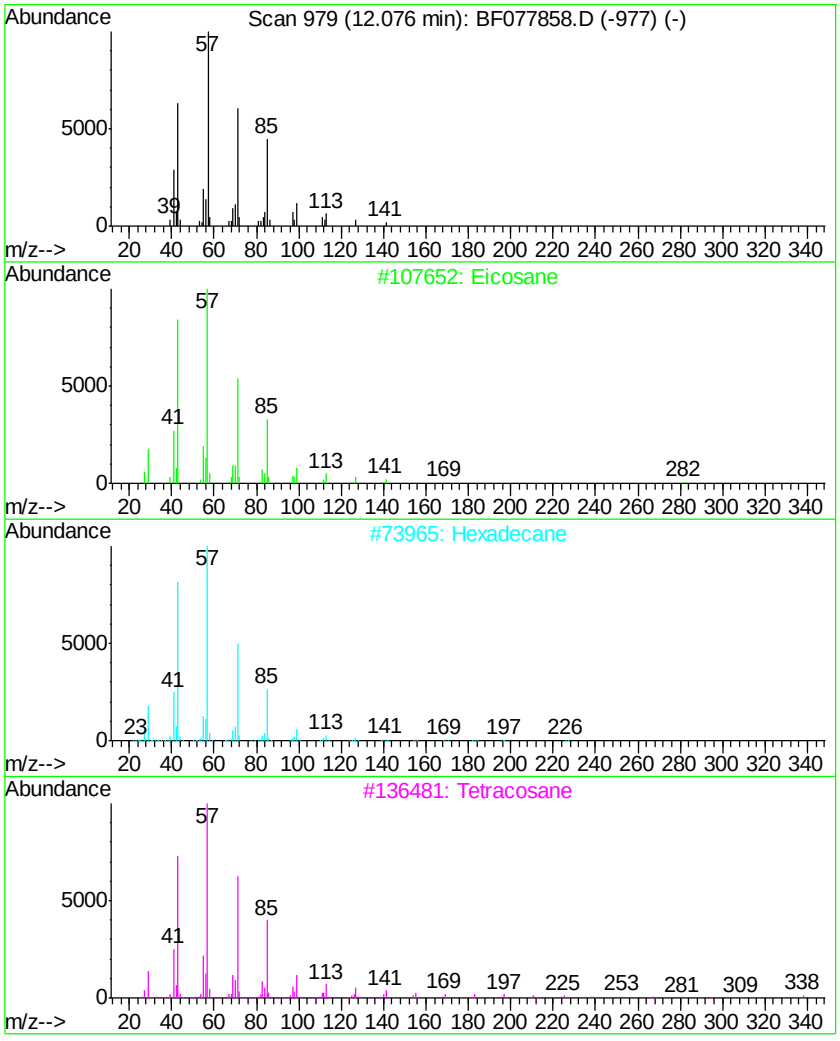
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

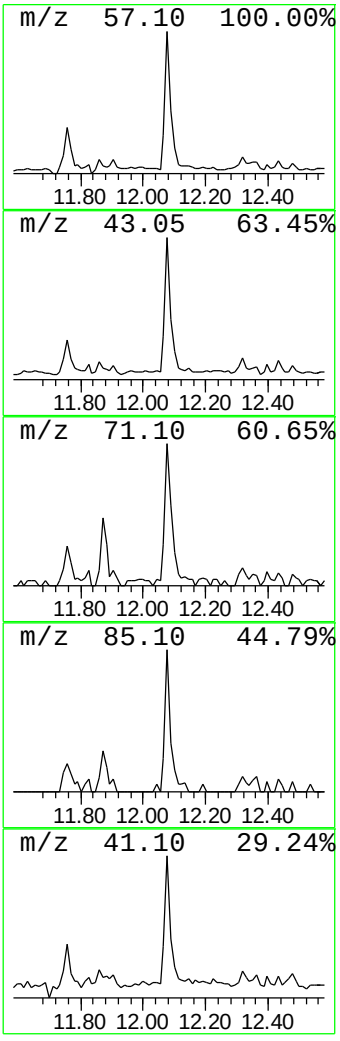
****

Peak Number 10 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	4.26 ng	86777	Phenanthrene-d10	12.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetracosane	338	C24H50	000646-31-1	86
4	Heptadecane	240	C17H36	000629-78-7	83
5	Tetradecane	198	C14H30	000629-59-4	80





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Data File : BF077858.D
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Operator : TP/IZ
Sample : G1580-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-DRH-01

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

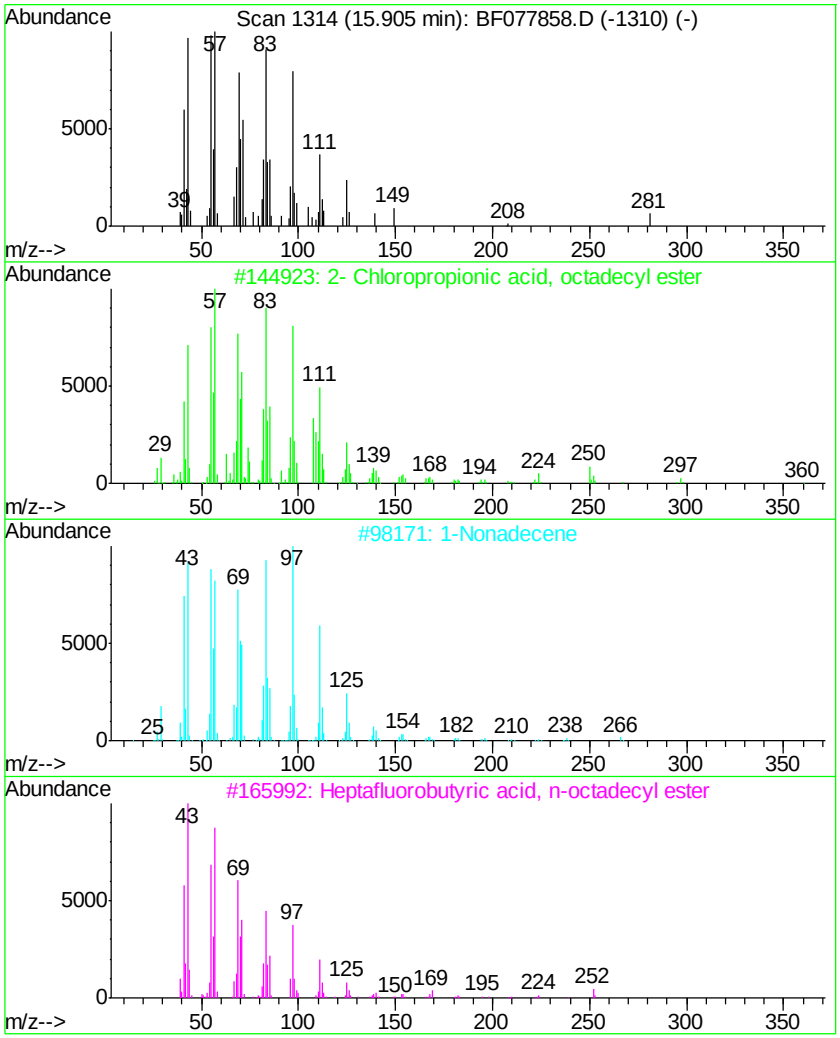
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

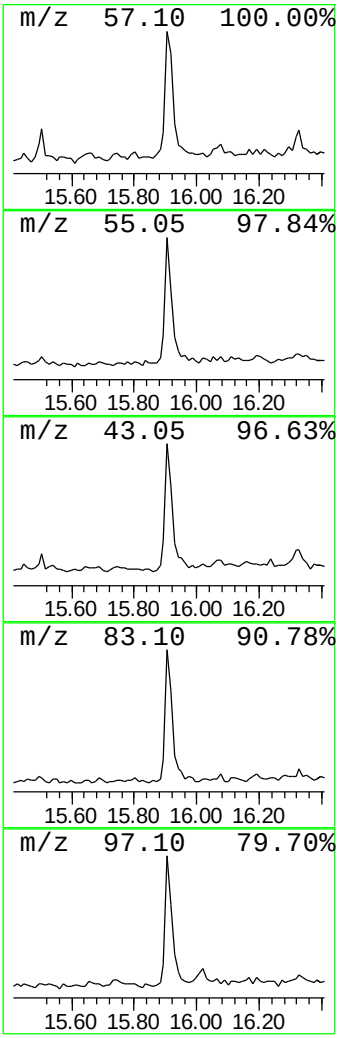
****

Peak Number 11 2- Chloropropionic acid, oc... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	6.69 ng	153296	Chrysene-d12	16.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
Data File : BF077858.D
Acq On : 20 Mar 2015 6:13
Operator : TP/IZ
Sample : G1580-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-DRH-01

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Amylene Hydrate	1.22	6.1	ng	74583	1	7.15	245206	20.0
Propane, 2,2-dime...	1.31	412.8	ng	5061500	1	7.15	245206	20.0
Butane, 2-methoxy...	1.60	31.3	ng	383777	1	7.15	245206	20.0
2-Pentanone, 4-hy...	4.91	12.9	ng	158831	1	7.15	245206	20.0
unknown6.86	6.86	97.3	ng	1192960	1	7.15	245206	20.0
Eicosane	12.08	4.3	ng	86777	4	12.74	407629	20.0
2- Chloropropioni...	15.91	6.7	ng	153296	5	16.02	457953	20.0