LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087836.D
Acq On : 9 Jun 2016 6:14
Operator : UM/SJ
Sample : H3405-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-COMP-0.5-11.0

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-BF060716.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	1.667	3	7	10	rVB	3987182	5937165	100.00%	18.000%
2	1.747	13	14	24	rVB	326666	664301	11.19%	2.014%
3	1.884	24	26	40	rVB	2106139	3252185	54.78%	9.860%
4	2.067	40	42	74	rVB3	65453	433190	7.30%	1.313%
5	5.004	297	299	304	rBV	113849	167391	2.82%	0.507%
6	5.427	333	336	338	rBV	2161134	2527749	42.58%	7.664%
7	6.456	423	426	429	rBV	1662619	2439803	41.09%	7.397%
8	6.593	435	438	440	rBV	2481230	2314903	38.99%	7.018%
9	6.822	456	458	461	rBV	627822	609901	10.27%	1.849%
10	6.982	469	472	474	rBV	2201326	1883888	31.73%	5.712%
11	7.393	505	508	510	rBV	1609376	1691035	28.48%	5.127%
12	8.113	568	571	573	rBV	843031	798982	13.46%	2.422%
13	9.187	663	665	668	rBV	1825509	2581770	43.48%	7.827%
14	9.588	698	700	702	rBV	372127	300237	5.06%	0.910%
15	9.873	722	725	726	rBV	562439	750027	12.63%	2.274%
16	10.650	791	793	796	rBV2	1075111	1281004	21.58%	3.884%
17	11.348	852	854	858	rBV2	691985	756266	12.74%	2.293%
18	12.559	957	960	962	rBV	219598	190890	3.22%	0.579%
19	12.788	976	980	982	rBV	195895	222849	3.75%	0.676%
20	12.936	991	993	996	rVB	1734348	1853487	31.22%	5.619%
21	13.736	1060	1063	1064	rBV	60429	85101	1.43%	0.258%
22	13.851	1070	1073	1080	rVB3	107718	167988	2.83%	0.509%
23	13.988	1082	1085	1086	rVV	682197	808551	13.62%	2.451%
24	14.011	1086	1087	1090	rVB	94303	80148	1.35%	0.243%
25	14.479	1125	1128	1130	rBV2	43132	86385	1.45%	0.262%
26	14.628	1139	1141	1143	rVB	206107	193222	3.25%	0.586%
27	14.777	1150	1154	1157	rBV2	50191	98275	1.66%	0.298%
28	15.005	1171	1174	1177	rBV	69062	142142	2.39%	0.431%
29	15.291	1197	1199	1202	rVB	46527	60302	1.02%	0.183%
30	15.348	1202	1204	1207	rBV	54179	67584	1.14%	0.205%
31	15.405	1207	1209	1212	rBV	301112	476828	8.03%	1.446%
32	15.885	1248	1251	1254	rBV2	26090	60178	1.01%	0.182%

LSC Area Percent Report

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Data File : BF087836.D
Acq On : 9 Jun 2016 6:14
Operator : UM/SJ
Sample : H3405-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-COMP-0.5-11.0

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

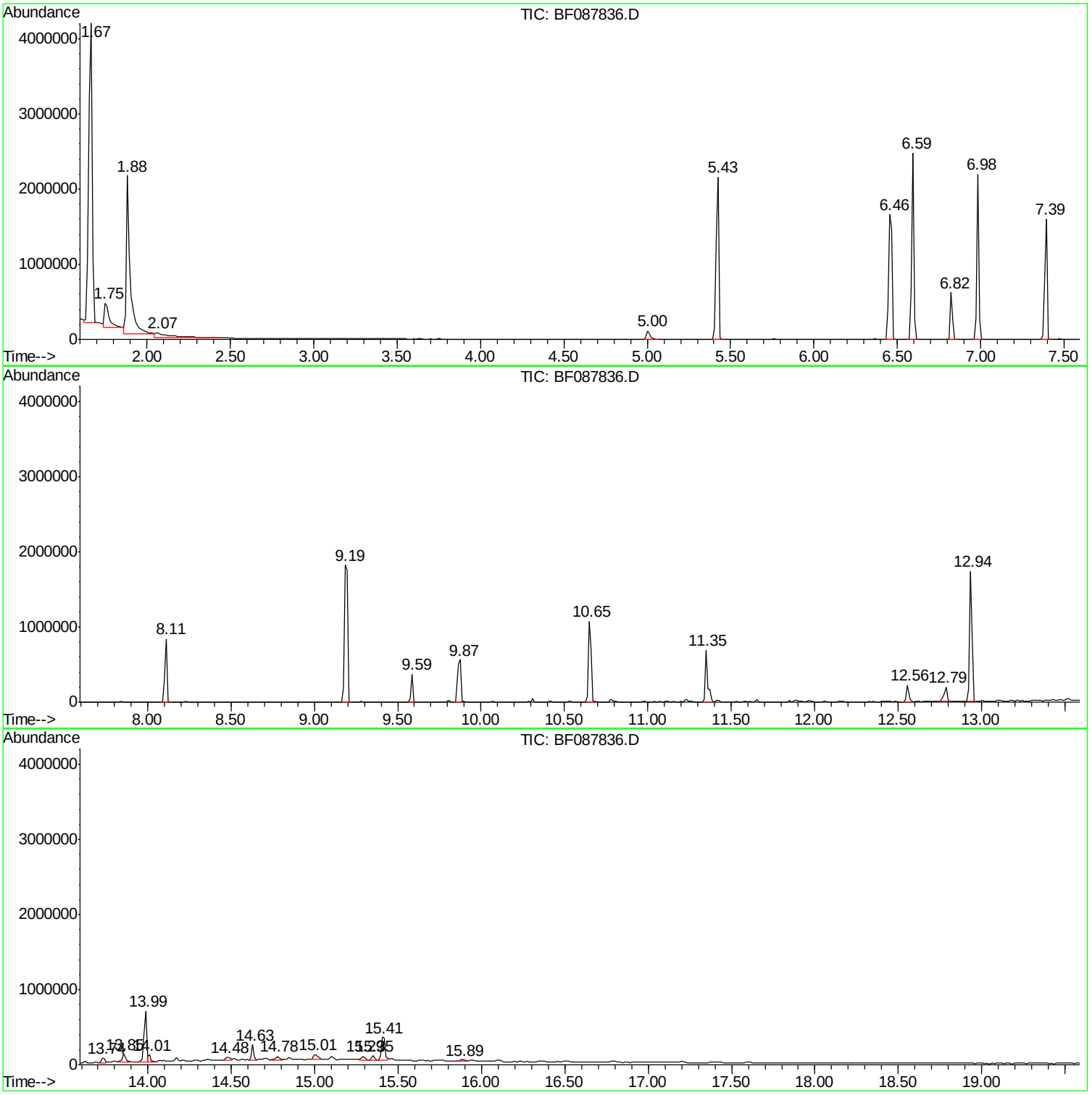
Sum of corrected areas: 32983727

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087836.D
Acq On : 9 Jun 2016 6:14
Operator : UM/SJ
Sample : H3405-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP-0.5-11.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087836.D
Acq On : 9 Jun 2016 6:14
Operator : UM/SJ
Sample : H3405-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP-0.5-11.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

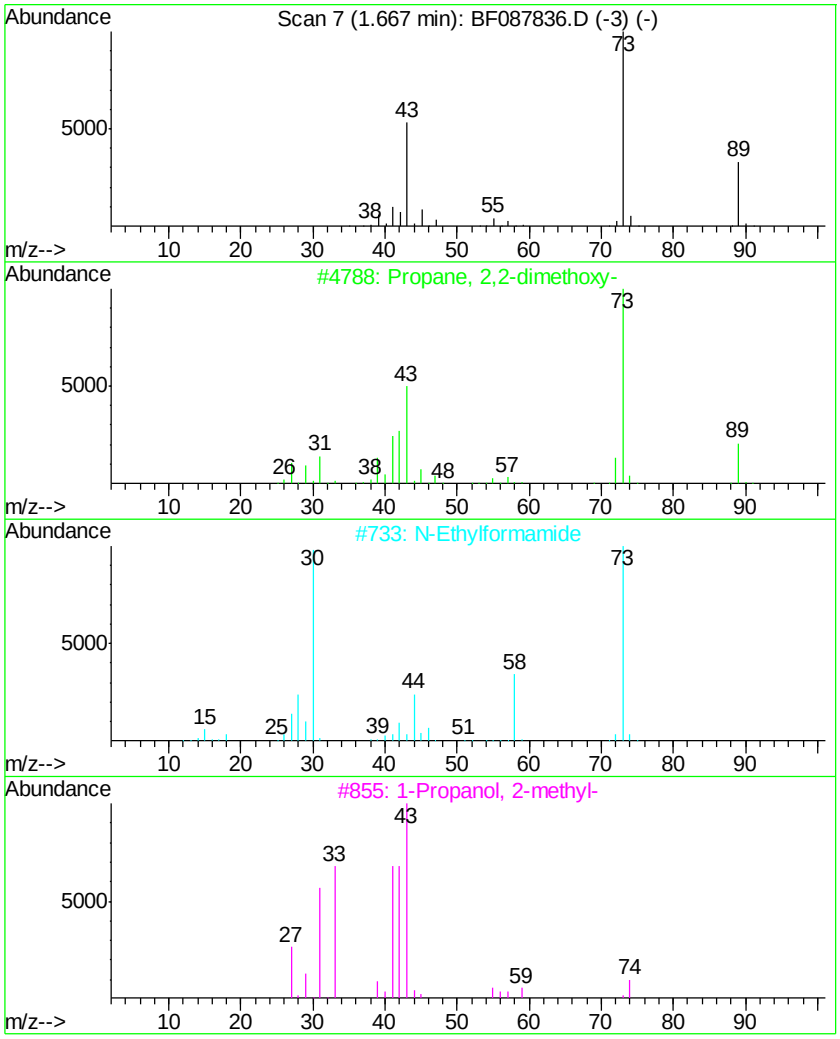
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

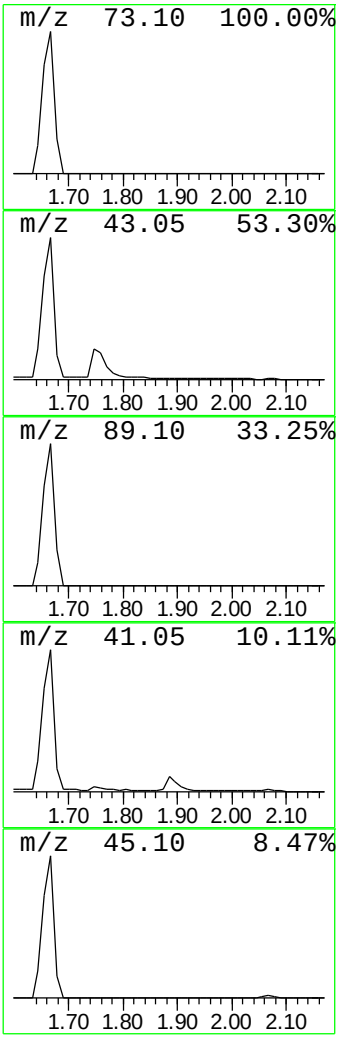
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.67	194.69 ng	5937170	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087836.D
Acq On : 9 Jun 2016 6:14
Operator : UM/SJ
Sample : H3405-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-COMP-0.5-11.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

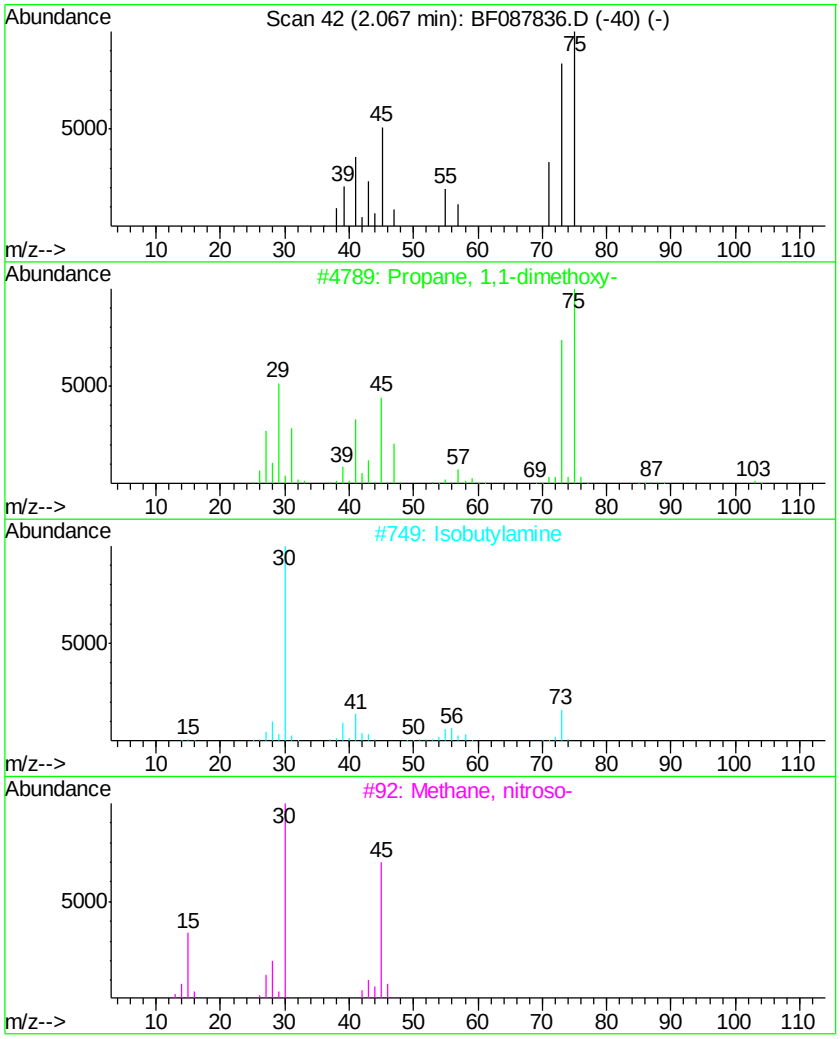
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

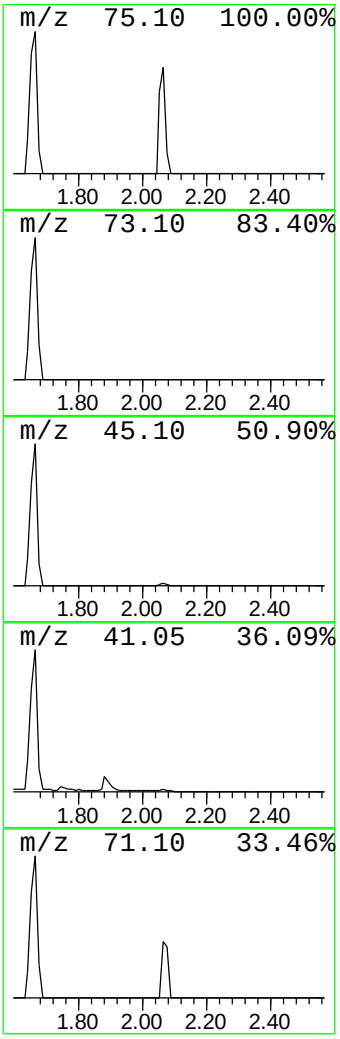
****

Peak Number 4 unknown2.07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.07	14.21 ng	433190	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	9
2	Isobutylamine	73	C4H11N	000078-81-9	5
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Glycine	75	C2H5NO2	000056-40-6	4
5	Butane, 1-methoxy-2-methyl-	102	C6H14O	062016-48-2	4





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087836.D
Acq On : 9 Jun 2016 6:14
Operator : UM/SJ
Sample : H3405-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-COMP-0.5-11.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

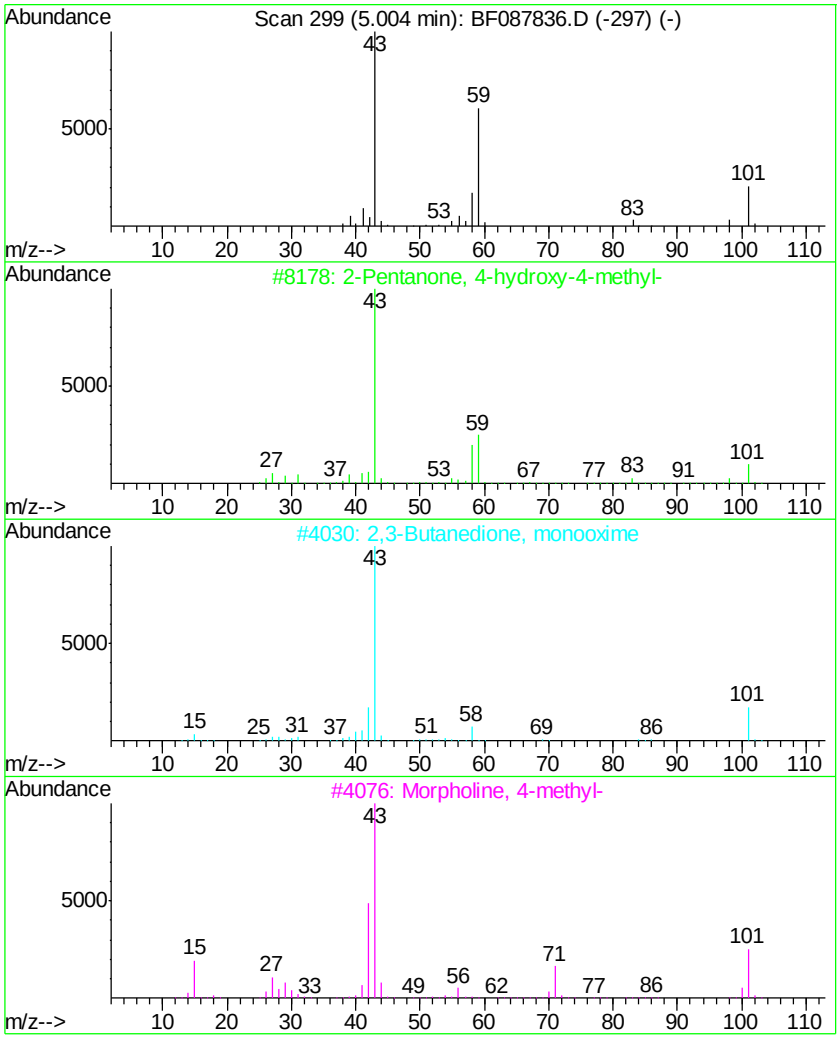
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

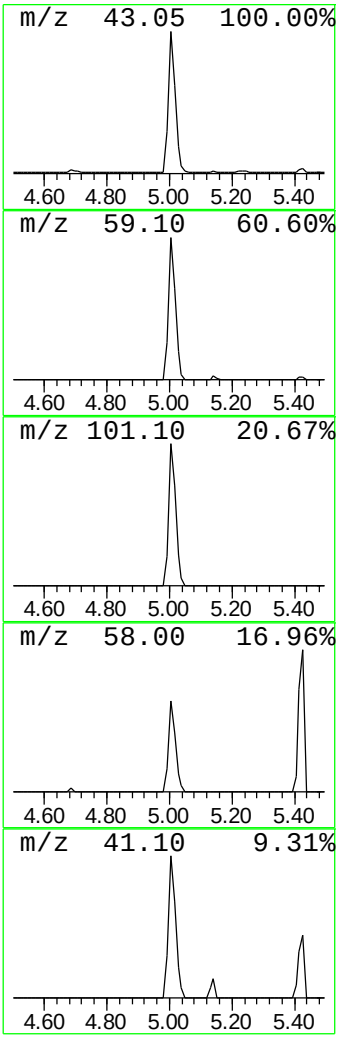
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	5.49 ng	167391	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
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\BF060816\
Data File : BF087836.D
Acq On : 9 Jun 2016 6:14
Operator : UM/SJ
Sample : H3405-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-COMP-0.5-11.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

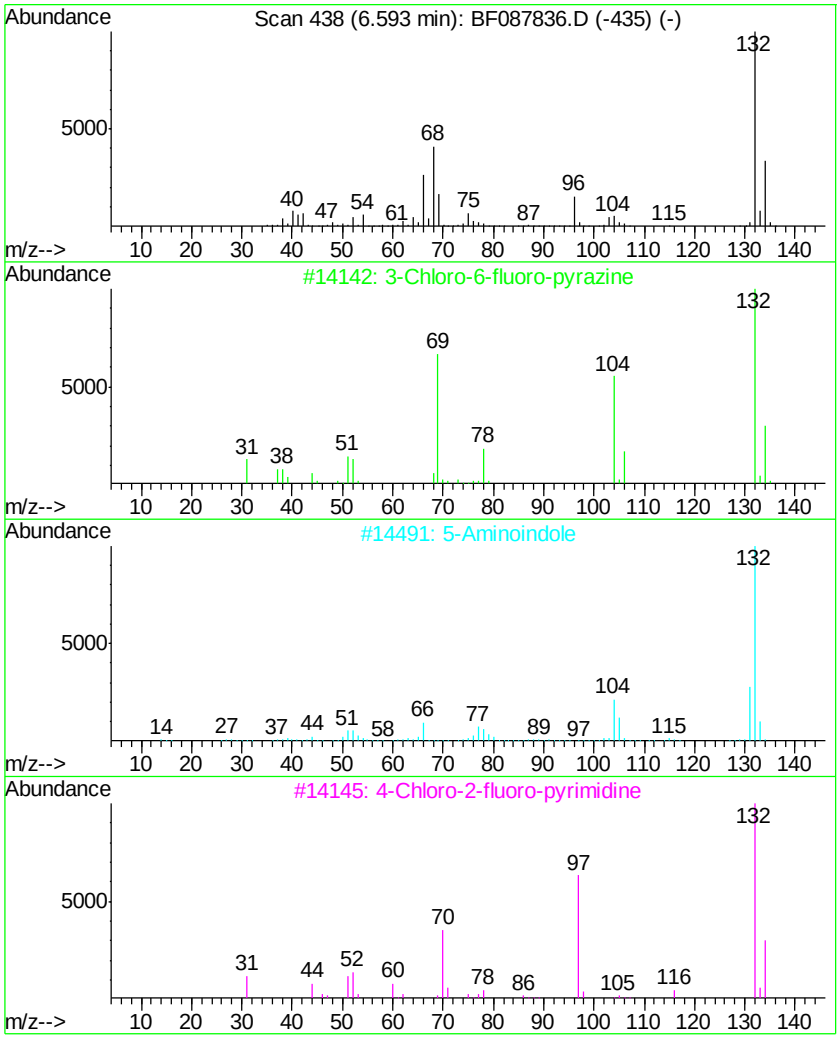
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

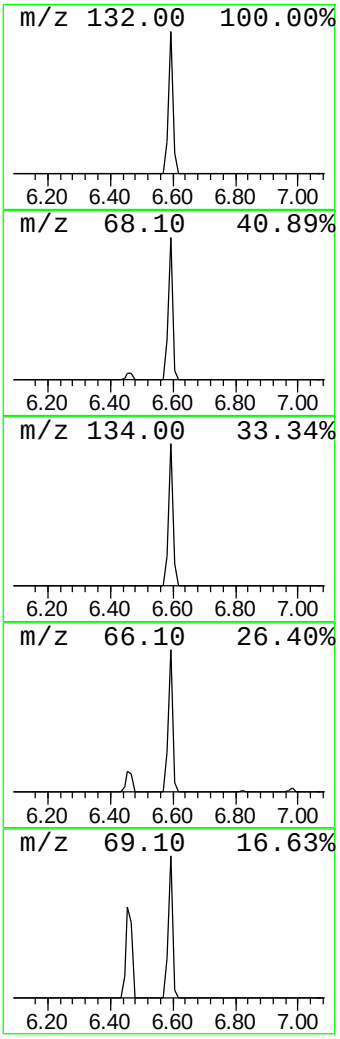
****

Peak Number 6 unknown6.59 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	75.91 ng	2314900	1,4-Dichlorobenzene-d4	6.82

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Sample : H3405-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-COMP-0.5-11.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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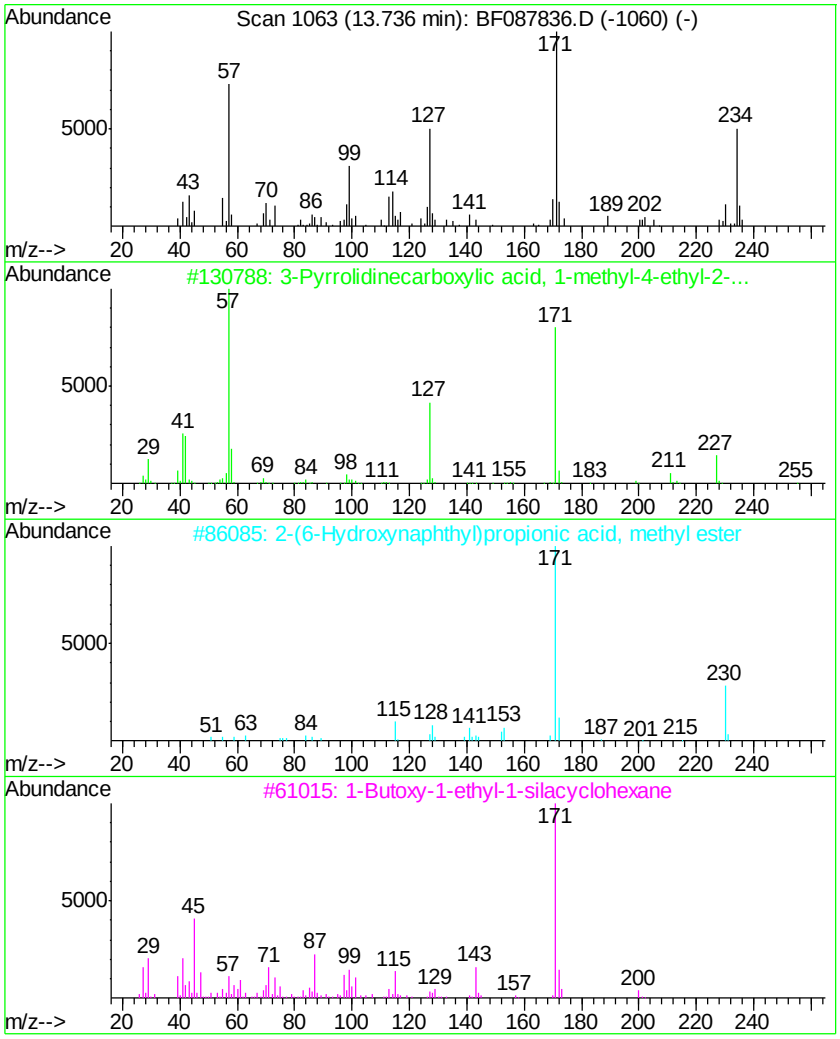
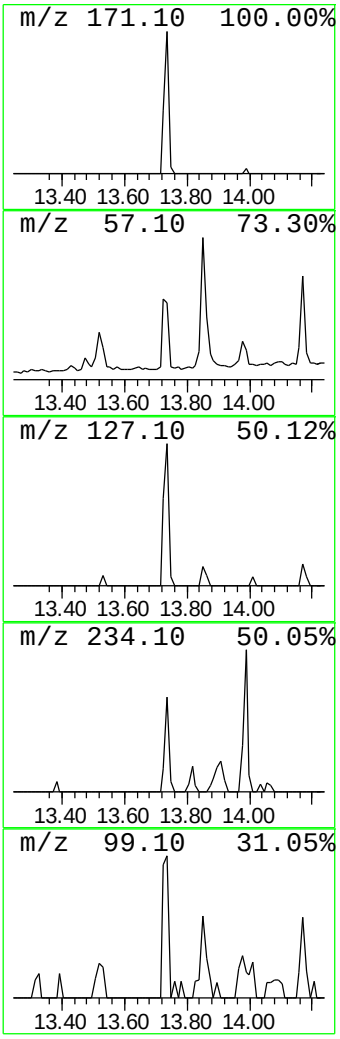
****

Peak Number 8 unknown13.74 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.11 ng	85101	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyrrolidinecarboxylic acid, 1-...	284	C15H28N2O3	1000196-95-3	37
2	2-(6-Hydroxynaphthyl)propionic a...	230	C14H14O3	061495-42-9	35
3	1-Butoxy-1-ethyl-1-silacyclohexane	200	C11H24OSi	1000279-37-5	35
4	2-Propenamide, 3-(2-chlorophenyl...	206	C10H7ClN2O	003533-10-6	27
5	3,4-Dichlorobenzonitrile	171	C7H3Cl2N	006574-99-8	27





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
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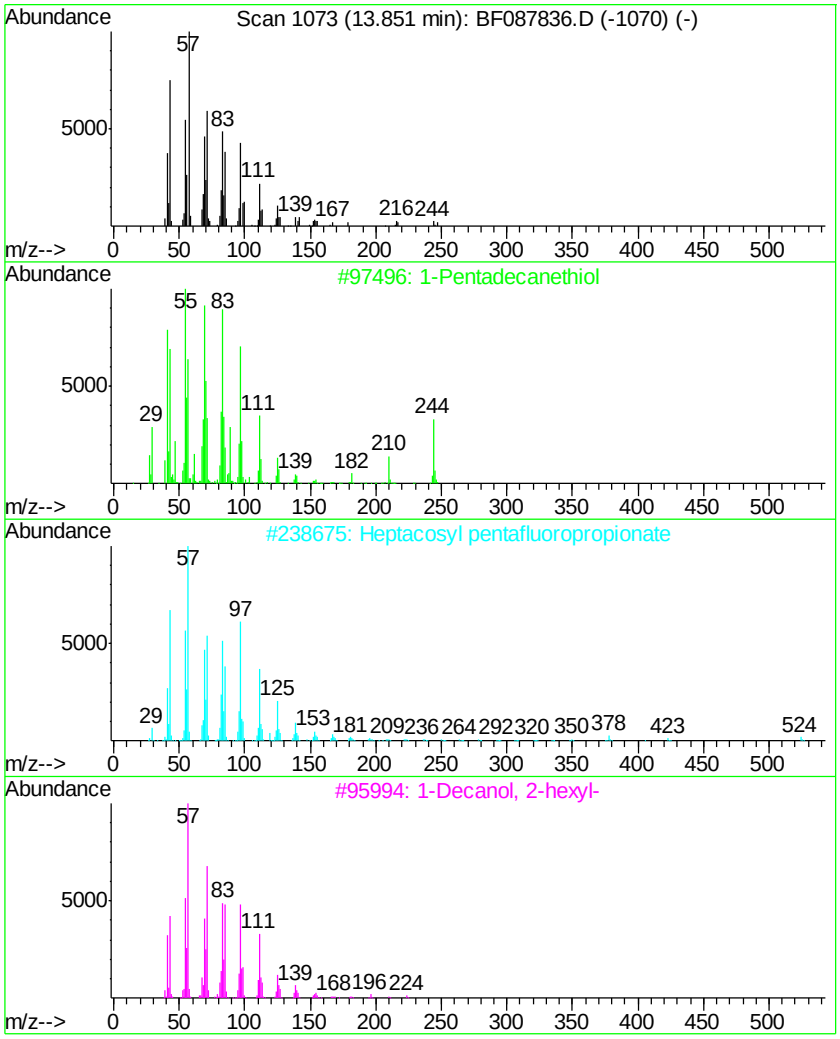
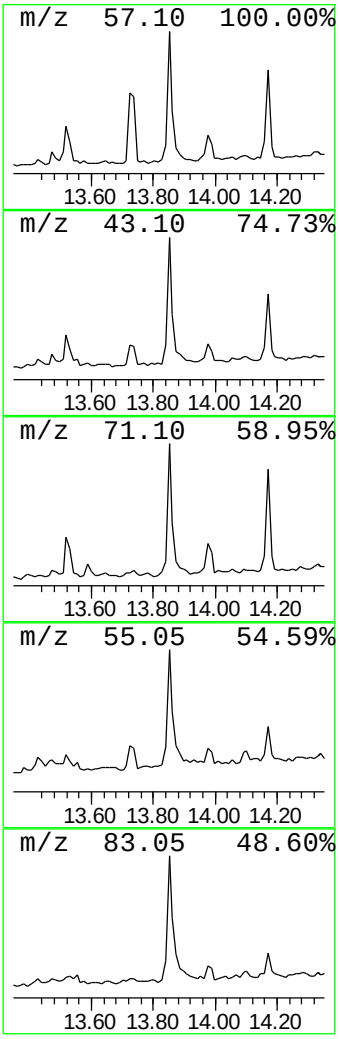
Peak Number 9 1-Pentadecanethiol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	4.16 ng	167988	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecanethiol	244	C15H32S	025276-70-4	93
2	Heptacosyl pentafluoropropionate	542	C30H55F5O2	1000351-81-6	91
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	91





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Instrument : BNA_F
ClientSampleId : SB-06-COMP-0.5-11.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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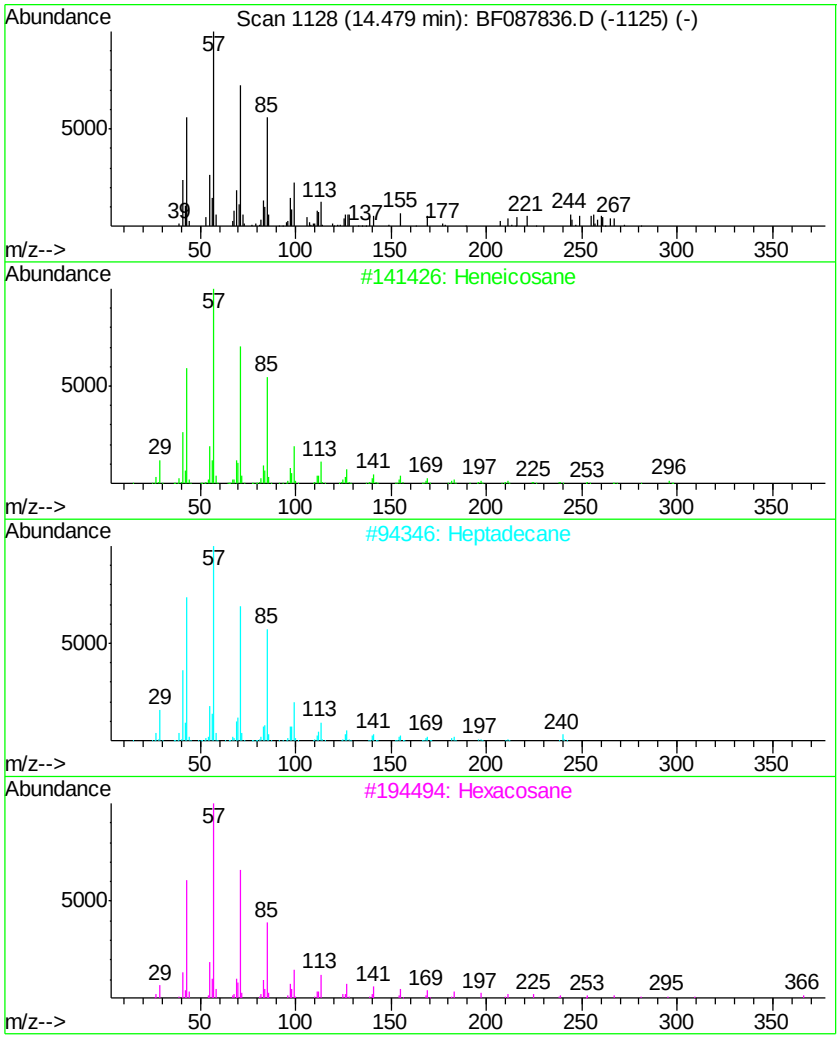
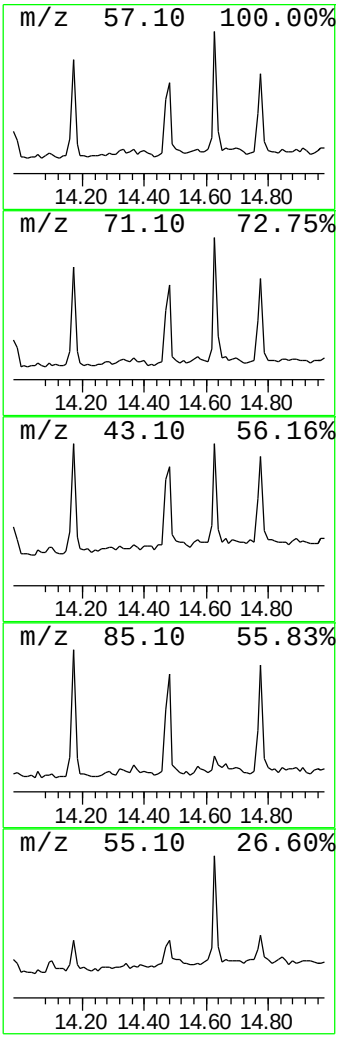
Peak Number 10 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	2.14 ng	86385	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	76
2	Heptadecane	240	C17H36	000629-78-7	76
3	Hexacosane	366	C26H54	000630-01-3	68
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
5	Triacontane	422	C30H62	000638-68-6	64





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Instrument : BNA_F
ClientSampleId : SB-06-COMP-0.5-11.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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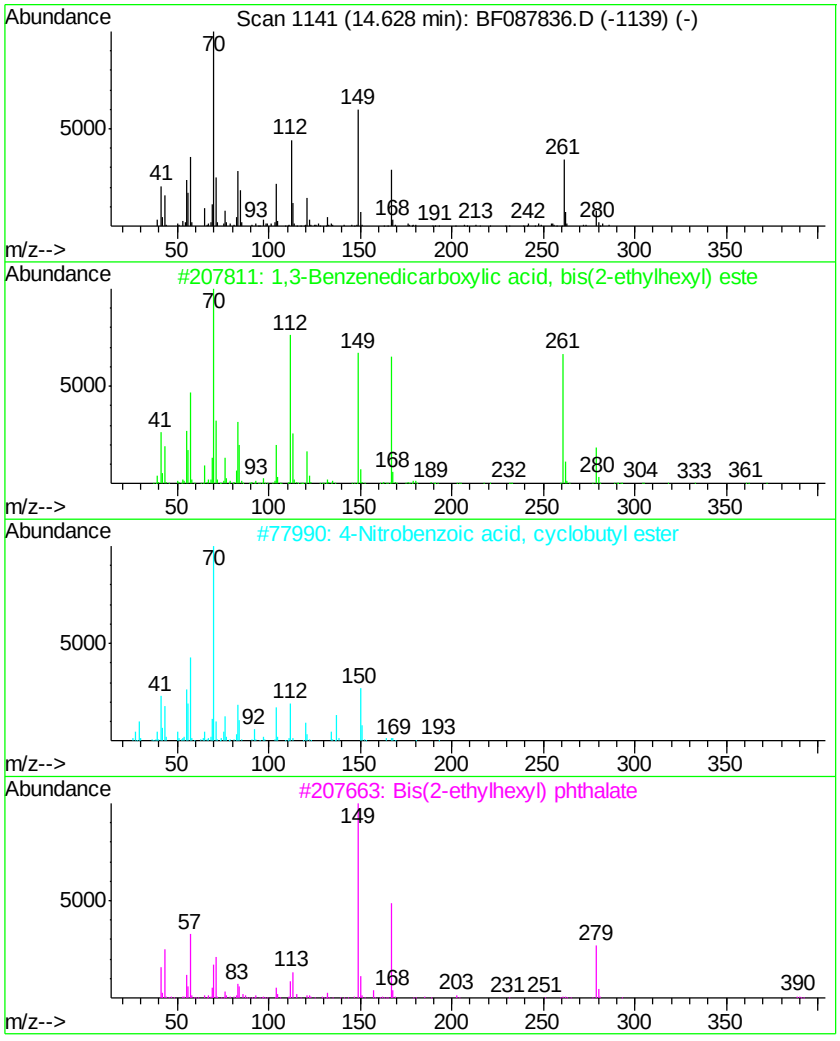
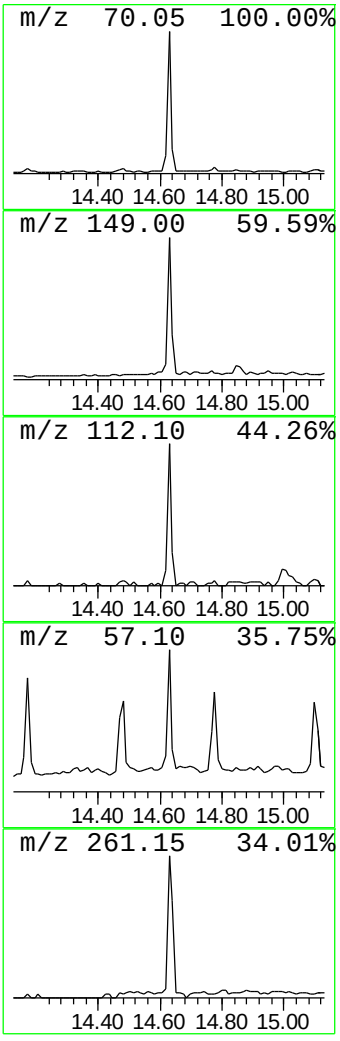
Peak Number 11 1,3-Benzenedicarboxylic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	4.78 ng	193222	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
2	4-Nitrobenzoic acid, cyclobutyl ...	221	C11H11NO4	070335-00-1	27
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	25
4	Acetic acid, [4-(4-methyl-1-pipe...	262	C14H18N2O3	346699-90-9	22
5	Diisooctyl phthalate	390	C24H38O4	000131-20-4	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087836.D
Acq On : 9 Jun 2016 6:14
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Sample : H3405-08
Misc :
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Instrument : BNA_F
ClientSampleId : SB-06-COMP-0.5-11.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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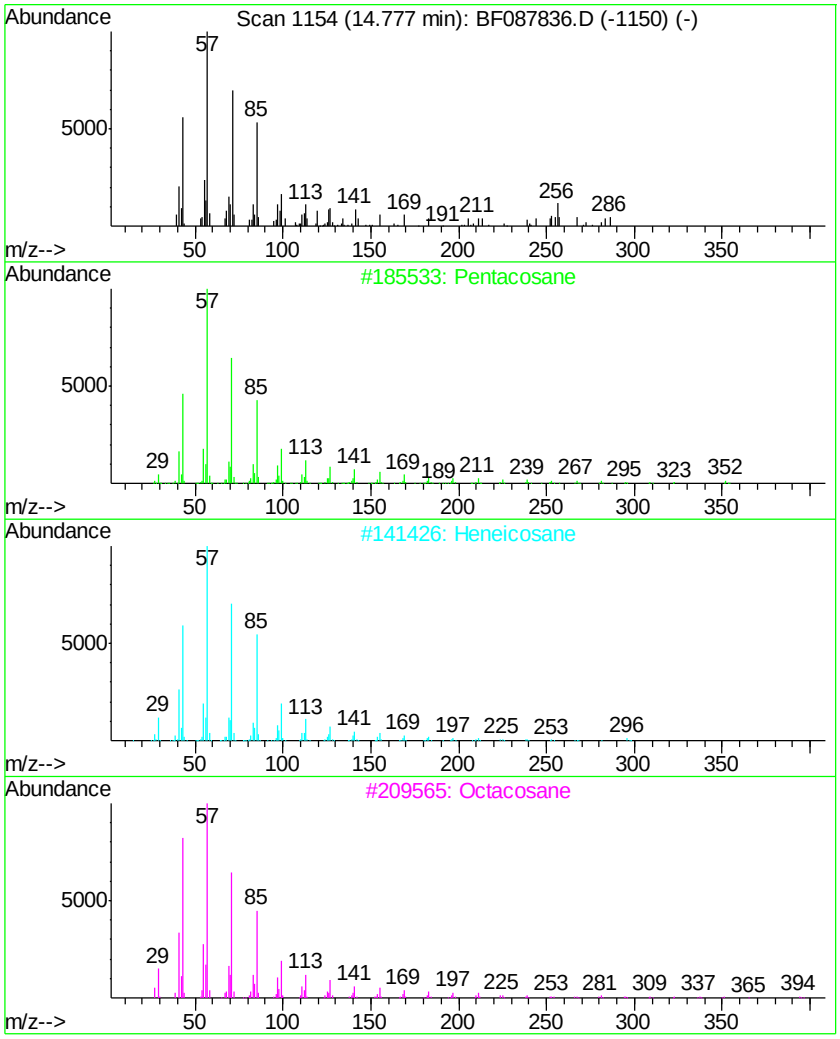
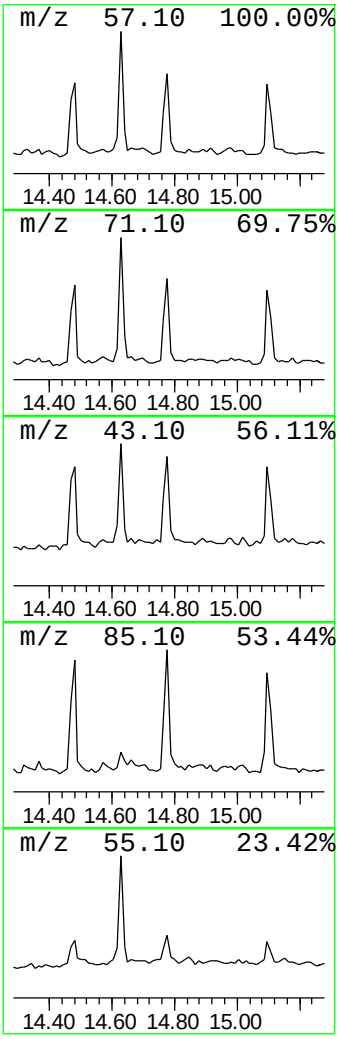
Peak Number 12 Pentacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	4.12 ng	98275	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	81
2	Heneicosane	296	C21H44	000629-94-7	76
3	Octacosane	394	C28H58	000630-02-4	76
4	Hentriacontane	437	C31H64	000630-04-6	76
5	Hexacosane	366	C26H54	000630-01-3	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087836.D
Acq On : 9 Jun 2016 6:14
Operator : UM/SJ
Sample : H3405-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-COMP-0.5-11.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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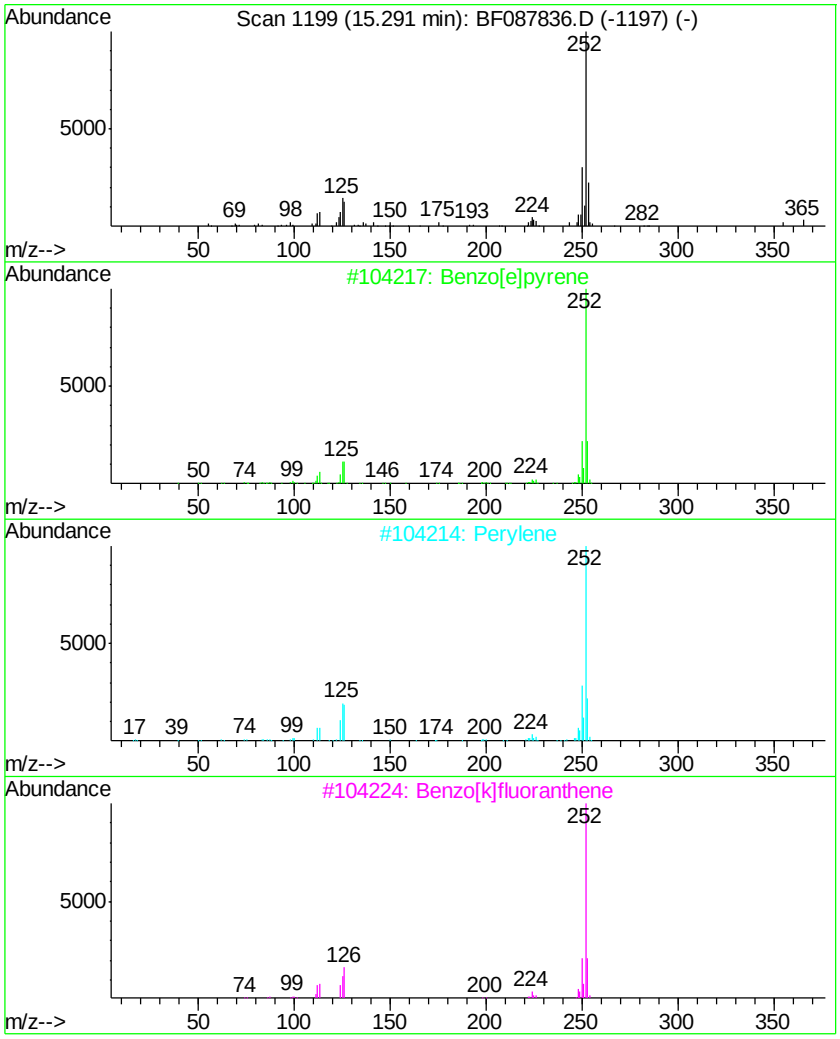
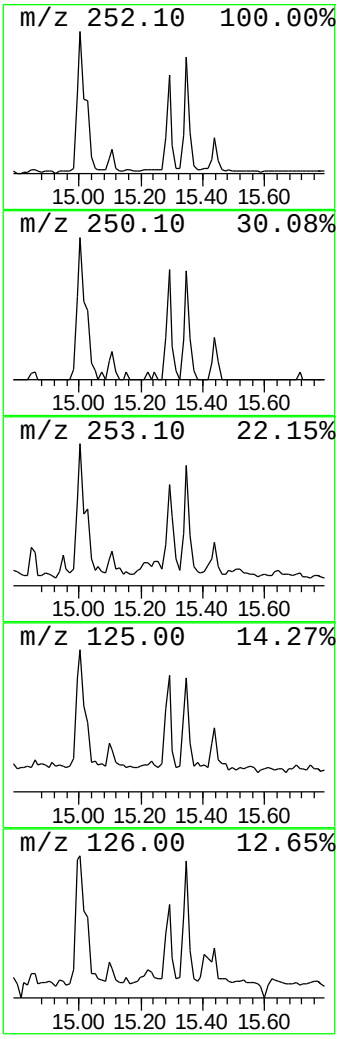
Peak Number 13 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	2.53 ng	60302	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087836.D
Acq On : 9 Jun 2016 6:14
Operator : UM/SJ
Sample : H3405-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-COMP-0.5-11.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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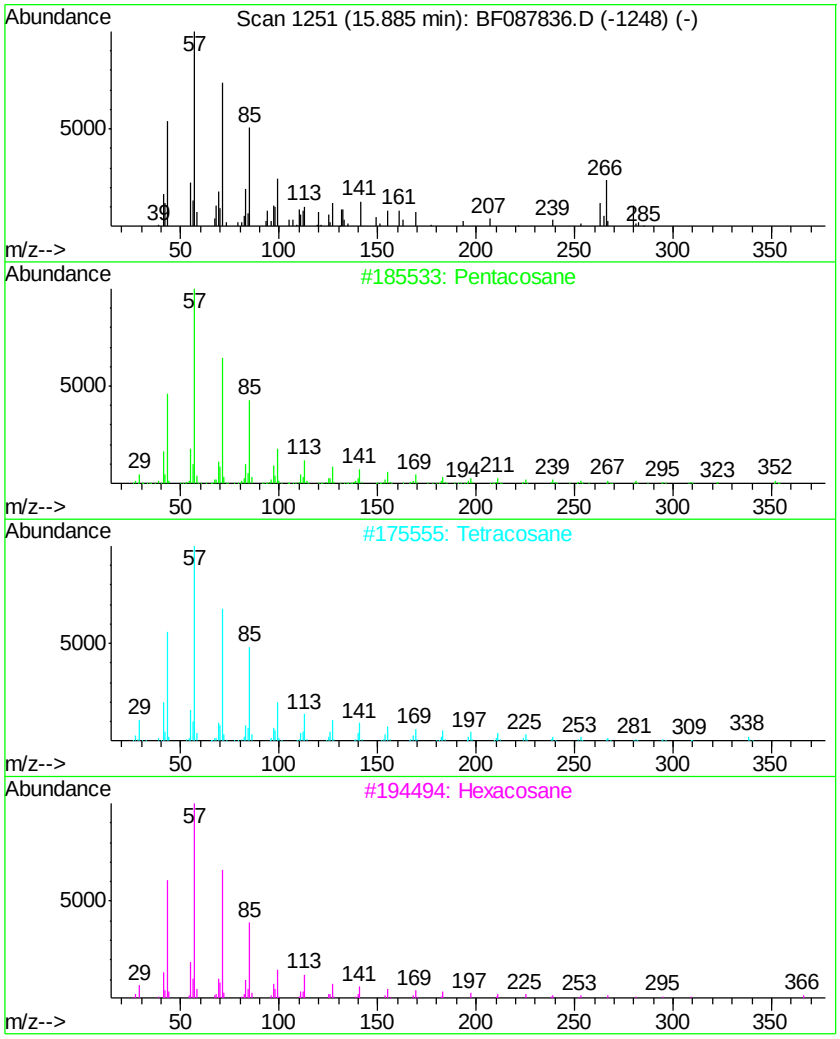
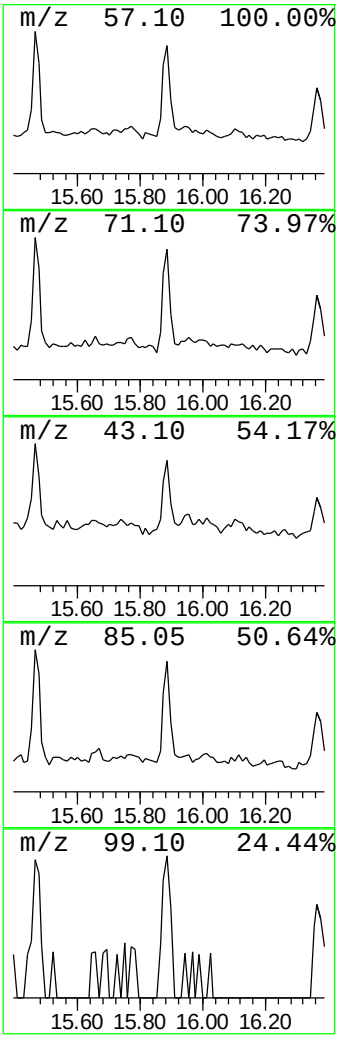
Peak Number 14 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.52 ng	60178	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	68
2	Tetracosane	338	C24H50	000646-31-1	64
3	Hexacosane	366	C26H54	000630-01-3	58
4	Hentriacontane	437	C31H64	000630-04-6	58
5	Heneicosane	296	C21H44	000629-94-7	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
Data File : BF087836.D
Acq On : 9 Jun 2016 6:14
Operator : UM/SJ
Sample : H3405-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-COMP-0.5-11.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	1.67	194.7	ng	5937170	1	6.82	609901	20.0
unknown2.07	2.07	14.2	ng	433190	1	6.82	609901	20.0
2-Pentanone, 4-hy...	5.00	5.5	ng	167391	1	6.82	609901	20.0
unknown6.59	6.59	75.9	ng	2314900	1	6.82	609901	20.0
unknown13.74	13.74	2.1	ng	85101	5	13.99	808551	20.0
1-Pentadecanethiol	13.85	4.2	ng	167988	5	13.99	808551	20.0
Heneicosane	14.48	2.1	ng	86385	5	13.99	808551	20.0
1,3-Benzenedicarb...	14.63	4.8	ng	193222	5	13.99	808551	20.0
Pentacosane	14.78	4.1	ng	98275	6	15.42	476828	20.0
Benzo[e]pyrene	15.29	2.5	ng	60302	6	15.42	476828	20.0
Tetracosane	15.89	2.5	ng	60178	6	15.42	476828	20.0