

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
 Data File : BF076817.D
 Acq On : 12 Jan 2015 20:06
 Operator : IZ / TP
 Sample : G1044-04
 Misc : W
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1B

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.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	1.407	25	28	34	rBV	300507	595464	14.38%	2.116%
2	1.487	34	35	56	rVB	1357846	2409724	58.20%	8.563%
3	1.818	61	64	69	rVB	83133	126746	3.06%	0.450%
4	2.310	102	107	110	rBV	2519346	4140292	100.00%	14.713%
5	4.253	274	277	282	rBV	106871	245276	5.92%	0.872%
6	4.356	282	286	290	rVB	423002	822820	19.87%	2.924%
7	4.744	315	320	324	rBV	627492	1276935	30.84%	4.538%
8	4.996	336	342	348	rVV	1266867	3637744	87.86%	12.927%
9	5.167	355	357	363	rBV	195846	405243	9.79%	1.440%
10	5.521	384	388	392	rVB	643054	1143188	27.61%	4.062%
11	6.241	447	451	457	rBB	112324	221196	5.34%	0.786%
12	6.653	484	487	491	rBV	64048	122671	2.96%	0.436%
13	6.893	506	508	511	rVB	37906	60440	1.46%	0.215%
14	7.053	518	522	525	rBV	74790	133264	3.22%	0.474%
15	7.110	525	527	534	rVB2	32674	62550	1.51%	0.222%
16	7.224	534	537	540	rBV	52224	83999	2.03%	0.298%
17	7.396	549	552	555	rVB	54267	91006	2.20%	0.323%
18	7.476	555	559	565	rBV2	173089	358857	8.67%	1.275%
19	7.579	565	568	574	rVV	519852	855075	20.65%	3.039%
20	7.716	574	580	583	rVB	187440	306636	7.41%	1.090%
21	7.887	592	595	601	rVB5	18961	49098	1.19%	0.174%
22	7.979	601	603	606	rVV	30410	47946	1.16%	0.170%
23	8.082	609	612	614	rVV	126780	194153	4.69%	0.690%
24	8.116	614	615	619	rVV2	37966	61610	1.49%	0.219%
25	8.219	621	624	627	rVV	79635	117613	2.84%	0.418%
26	8.402	637	640	644	rVV	481437	822429	19.86%	2.923%
27	8.470	644	646	648	rVV	33374	56587	1.37%	0.201%
28	8.516	648	650	653	rVV	64163	92678	2.24%	0.329%
29	8.630	657	660	663	rVV	189048	283737	6.85%	1.008%
30	8.722	663	668	671	rVB3	25935	48930	1.18%	0.174%
31	8.905	678	684	690	rBV2	188168	353778	8.54%	1.257%
32	9.248	712	714	718	rBV2	22505	44201	1.07%	0.157%
33	9.373	722	725	728	rBV	412905	656965	15.87%	2.335%
34	9.442	728	731	735	rVB3	30312	80013	1.93%	0.284%

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Integrator: RTE

Smoothing : ON

Sampling : 1

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Stop Thrs : 0

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Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.728	751	756	759	rBV	84810	138578	3.35%	0.492%
36	10.219	796	799	803	rVB2	28207	42819	1.03%	0.152%
37	10.448	815	819	820	rBV2	85093	148848	3.60%	0.529%
38	10.482	820	822	828	rVB	55290	104212	2.52%	0.370%
39	10.779	845	848	851	rBV	50751	81474	1.97%	0.290%
40	10.836	851	853	856	rVB	26749	42413	1.02%	0.151%
41	10.928	856	861	864	rBV3	29872	58071	1.40%	0.206%
42	10.985	864	866	869	rVV	182595	279052	6.74%	0.992%
43	11.031	869	870	874	rVB	40767	58080	1.40%	0.206%
44	11.225	885	887	893	rVB5	18553	49674	1.20%	0.177%
45	11.522	908	913	917	rBV	23602	43372	1.05%	0.154%
46	12.299	979	981	985	rVB	66177	115843	2.80%	0.412%
47	12.494	996	998	1004	rVB	243422	377221	9.11%	1.340%
48	12.596	1004	1007	1011	rBV	207363	310713	7.50%	1.104%
49	13.111	1049	1052	1055	rBV	35577	56658	1.37%	0.201%
50	13.637	1095	1098	1102	rVB	750536	1254818	30.31%	4.459%
51	13.774	1106	1110	1113	rBV	65844	112564	2.72%	0.400%
52	14.162	1142	1144	1147	rVB	36961	65037	1.57%	0.231%
53	14.882	1202	1207	1210	rBV	113494	249717	6.03%	0.887%
54	15.122	1224	1228	1231	rBV	205241	316860	7.65%	1.126%
55	16.174	1316	1320	1324	rBV2	21549	41804	1.01%	0.149%
56	16.288	1328	1330	1333	rVB2	30741	42072	1.02%	0.150%
57	16.437	1339	1343	1350	rVB	99085	165207	3.99%	0.587%
58	16.768	1369	1372	1375	rBV	600284	773545	18.68%	2.749%
59	16.871	1379	1381	1384	rVV	34445	54980	1.33%	0.195%
60	16.951	1384	1388	1394	rVV5	22527	59046	1.43%	0.210%
61	17.054	1394	1397	1400	rVV	55885	82065	1.98%	0.292%
62	17.374	1422	1425	1428	rBV3	39103	77425	1.87%	0.275%
63	17.705	1452	1454	1459	rVB2	23471	47814	1.15%	0.170%
64	17.854	1464	1467	1469	rVB	284525	306143	7.39%	1.088%
65	17.957	1472	1476	1479	rBV	75581	85744	2.07%	0.305%
66	18.574	1528	1530	1537	rVB	62401	75128	1.81%	0.267%
67	18.803	1548	1550	1554	rBV	76711	125652	3.03%	0.447%
68	18.871	1554	1556	1558	rVV	67522	95258	2.30%	0.339%
69	18.917	1558	1560	1562	rVB	136105	184439	4.45%	0.655%
70	19.969	1648	1652	1655	rBV	68757	77302	1.87%	0.275%
71	20.071	1658	1661	1664	rVB	1161290	1175742	28.40%	4.178%

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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-BF010915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	20.266	1676	1678	1680	rVB	52707	52010	1.26%	0.185%
73	21.306	1766	1769	1770	rBV2	51793	72915	1.76%	0.259%
74	21.340	1770	1772	1775	rVB	285846	307356	7.42%	1.092%
75	22.575	1877	1880	1883	rVB	57692	68247	1.65%	0.243%
76	23.043	1918	1921	1924	rBV	180307	255675	6.18%	0.909%

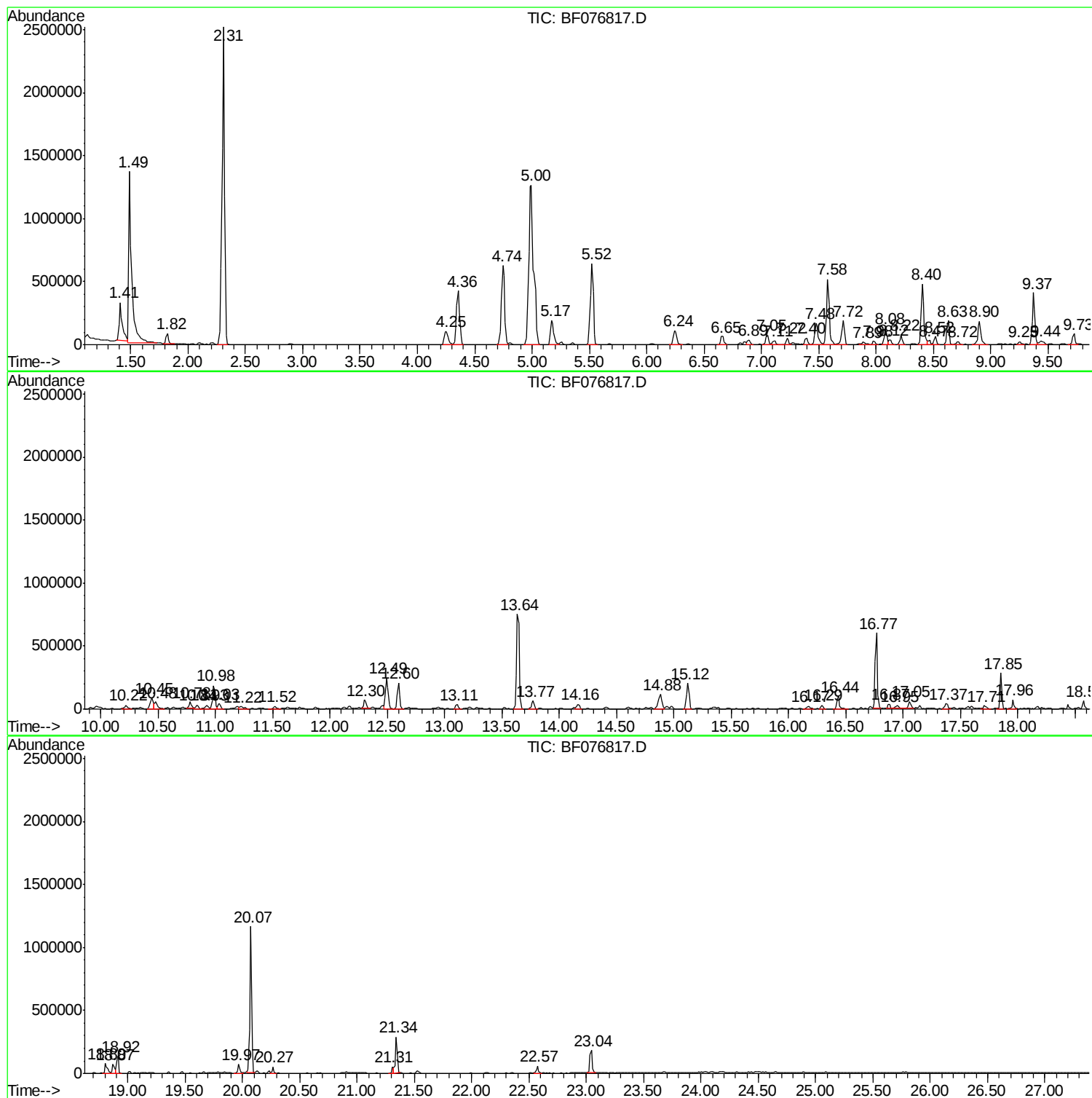
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076817.D
Acq On : 12 Jan 2015 20:06
Operator : IZ / TP
Sample : G1044-04
Misc : W
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Instrument :
BNA_F
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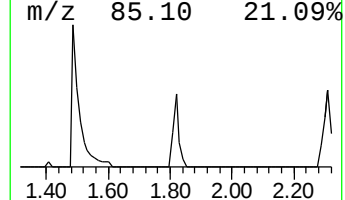
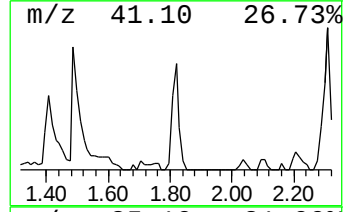
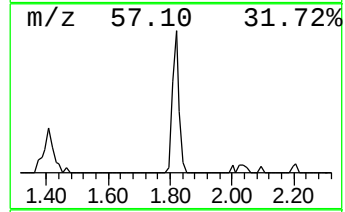
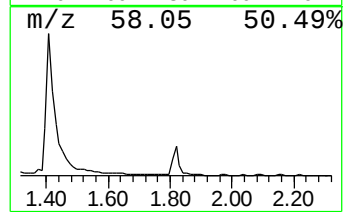
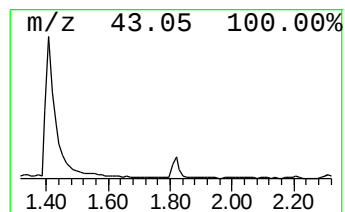
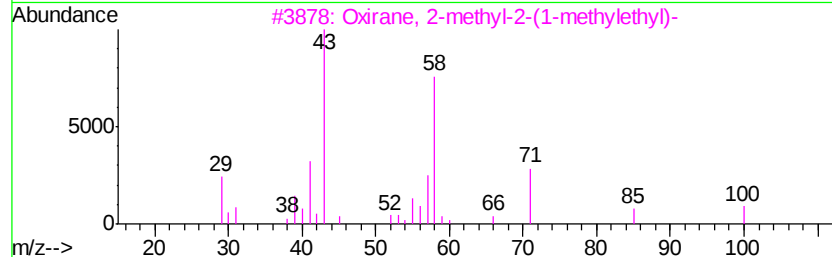
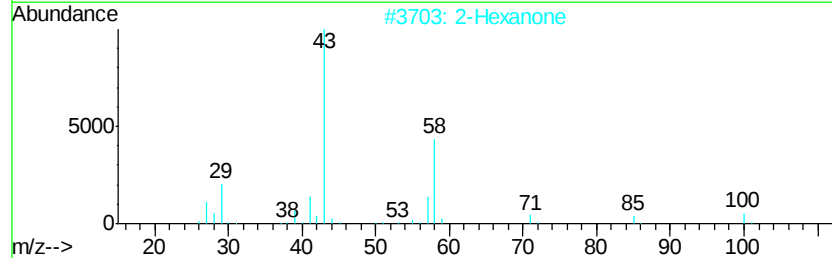
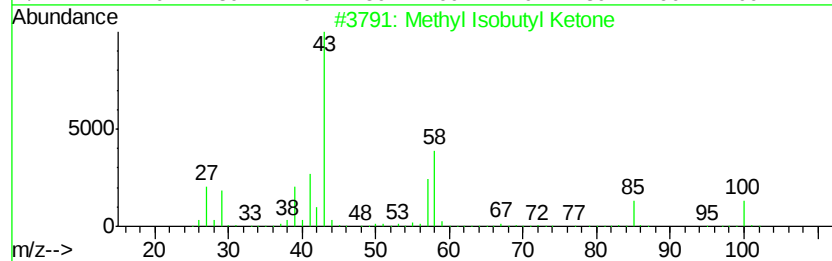
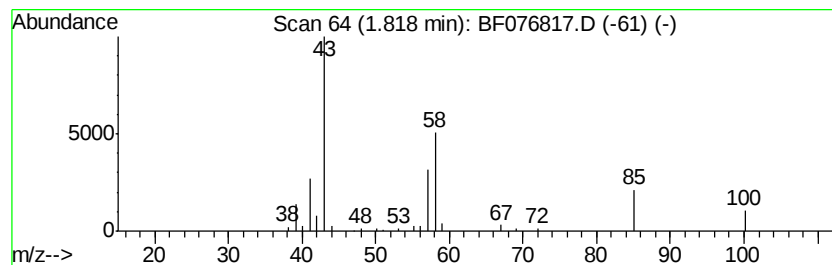
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Methyl Isobutyl Ketone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	13.06 ng	126746	1,4-Dichlorobenzene-d4	8.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	87
2		2-Hexanone	100	C6H12O	000591-78-6	72
3		Oxirane, 2-methyl-2-(1-methylethyl)-	100	C6H12O	072221-03-5	56
4		2-Hexanone, 4-hydroxy-5-methyl-3-	172	C10H20O2	061141-74-0	50
5		Permethylspermine	286	C16H38N4	057905-96-1	38



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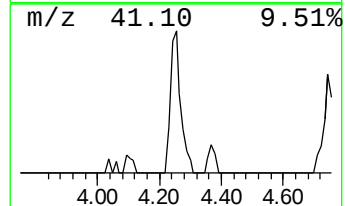
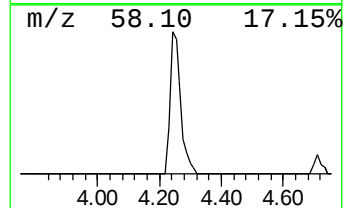
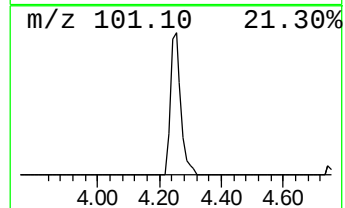
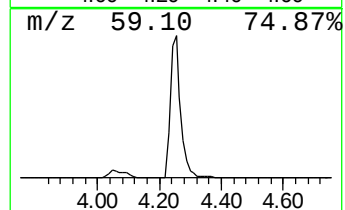
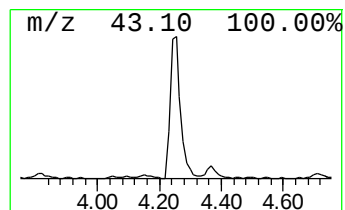
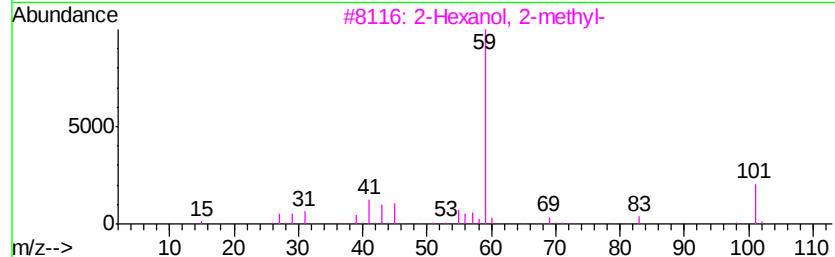
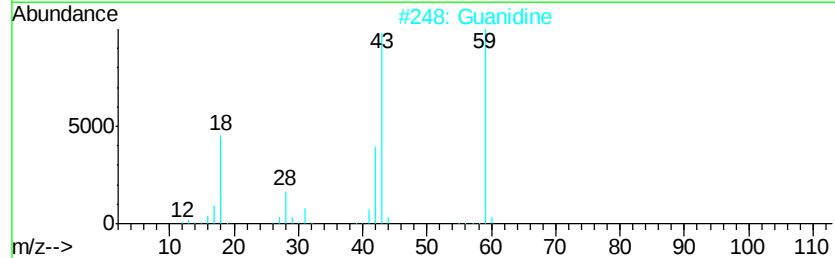
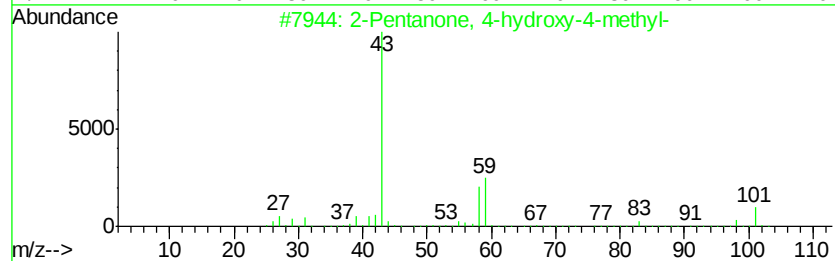
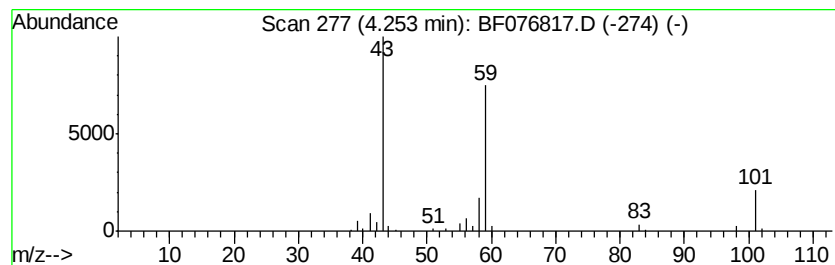
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	25.27 ng	245276	1,4-Dichlorobenzene-d4	8.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64	
2	Guanidine	59	CH5N3	000113-00-8	50	
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	36	
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	28	



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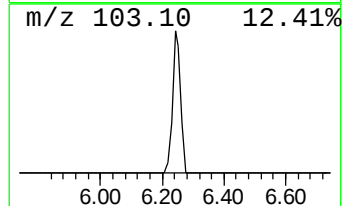
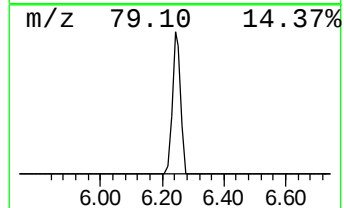
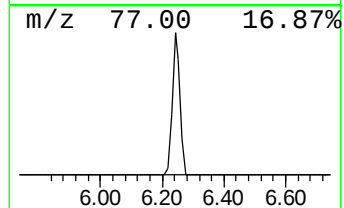
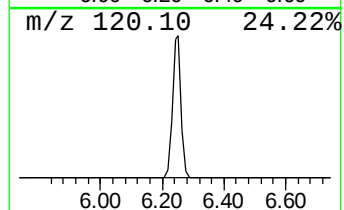
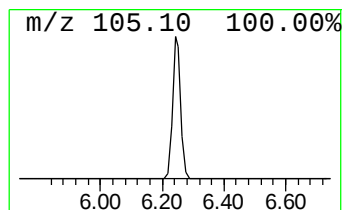
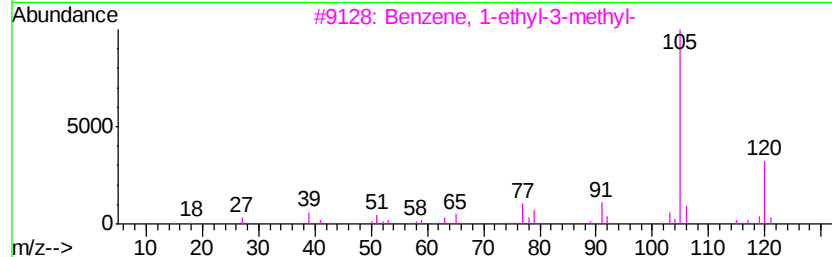
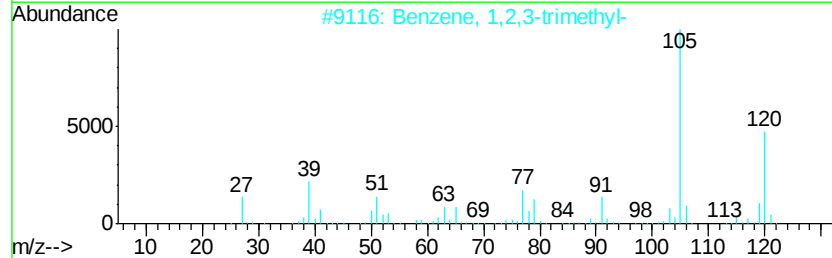
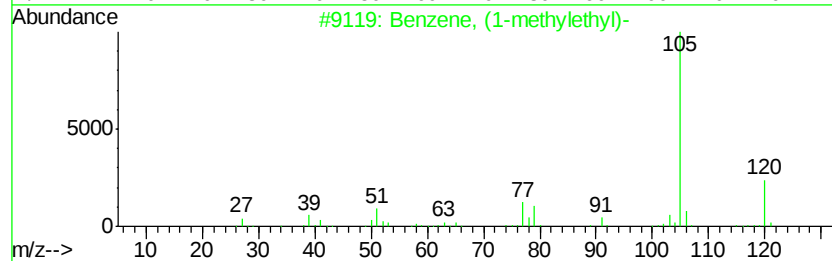
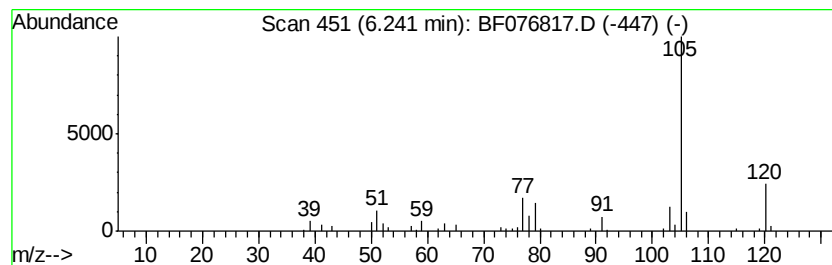
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, (1-methylethyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	22.79 ng	221196	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72



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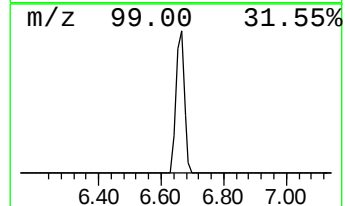
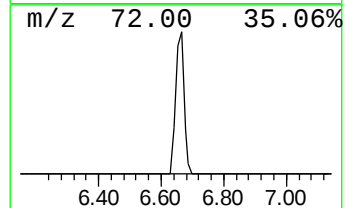
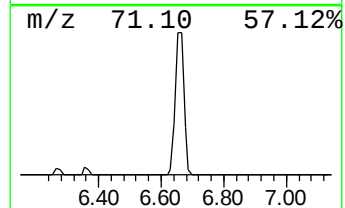
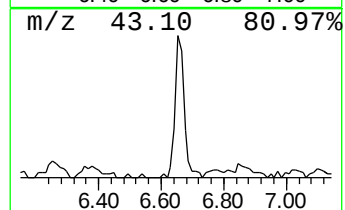
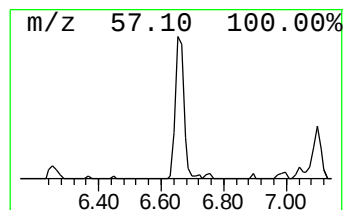
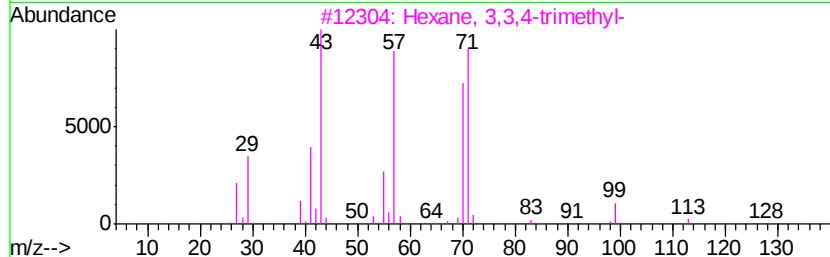
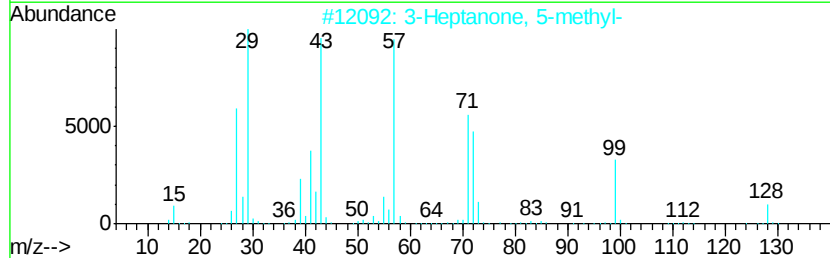
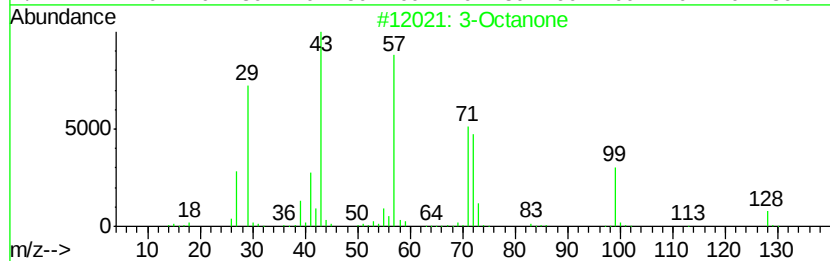
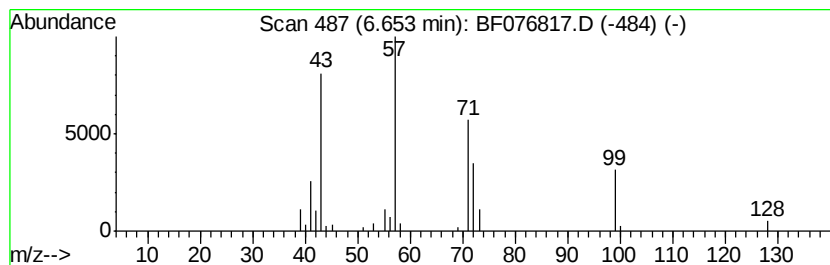
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 3-Octanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	12.64 ng	122671	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octanone	128	C8H16O	000106-68-3	72
2		3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	50
3		Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	47
4		3-Hexanone, 4,4-dimethyl-	128	C8H16O	019550-14-2	43
5		4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076817.D
Acq On : 12 Jan 2015 20:06
Operator : IZ / TP
Sample : G1044-04
Misc : W
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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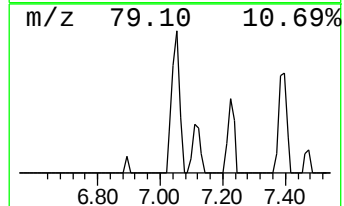
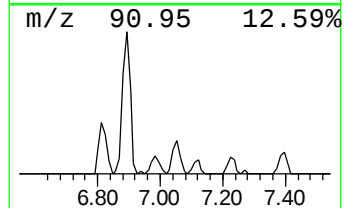
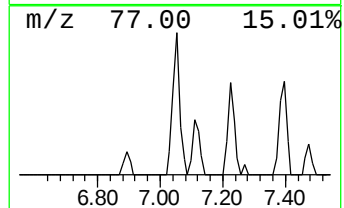
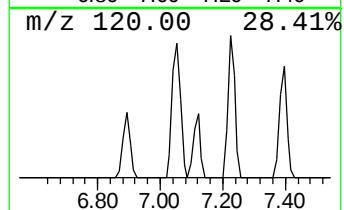
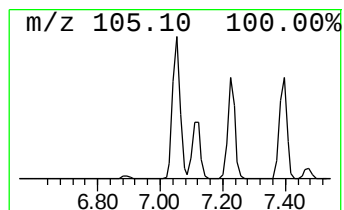
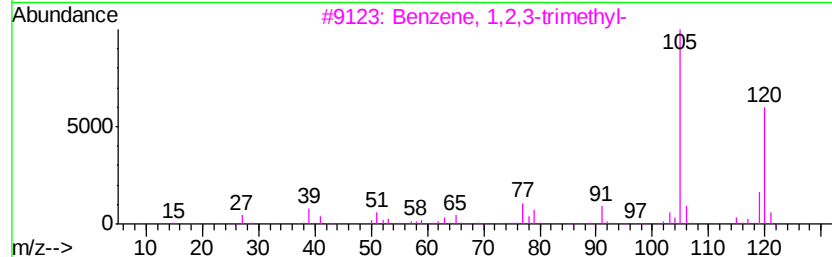
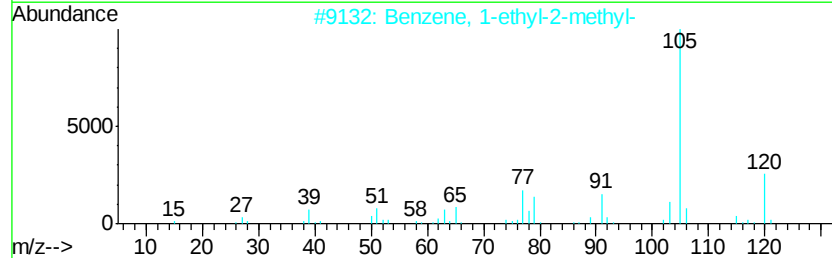
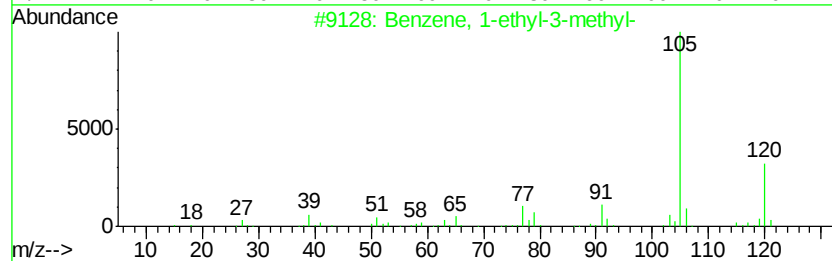
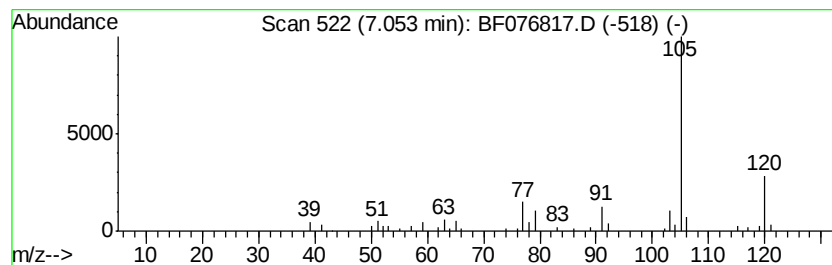
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-ethyl-3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	13.73 ng	133264	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076817.D
Acq On : 12 Jan 2015 20:06
Operator : IZ / TP
Sample : G1044-04
Misc : W
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-1B

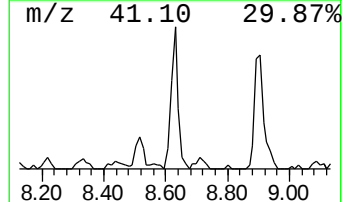
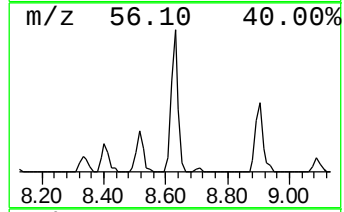
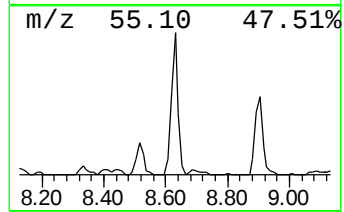
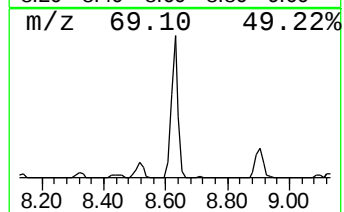
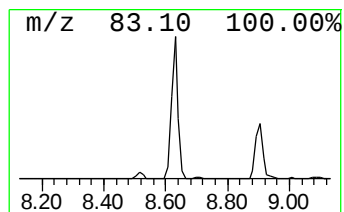
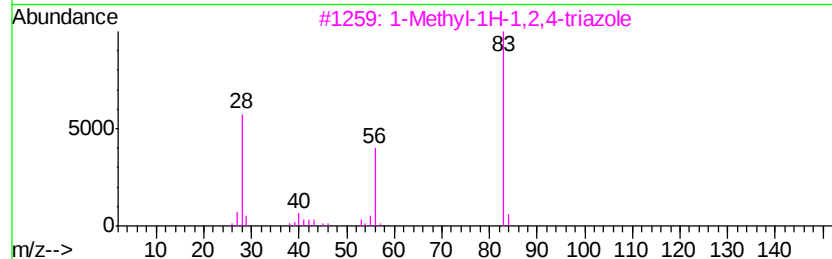
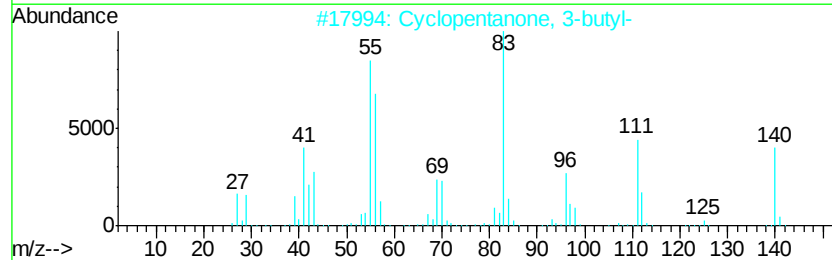
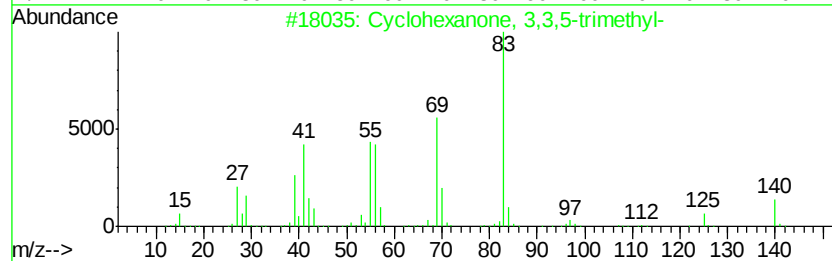
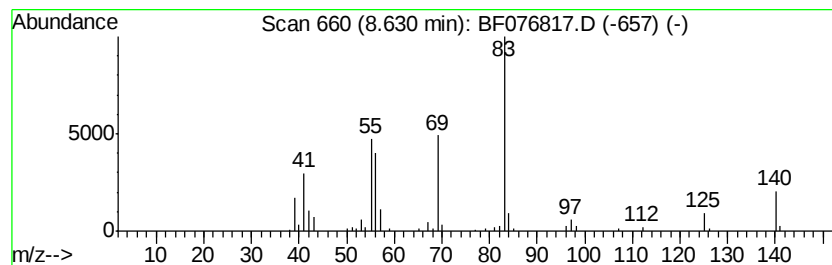
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclohexanone, 3,3,5-trimet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	29.23 ng	283737	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
2		Cyclopentanone, 3-butyl-	140	C9H16O	057283-81-5	58
3		1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	52
4		1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	50
5		1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
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Operator : IZ / TP
Sample : G1044-04
Misc : W
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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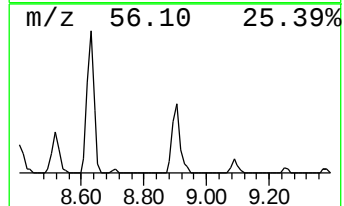
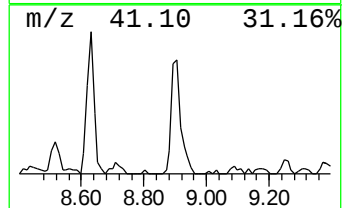
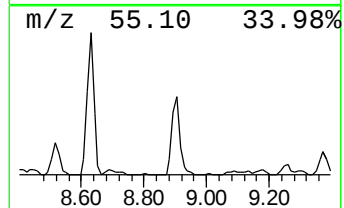
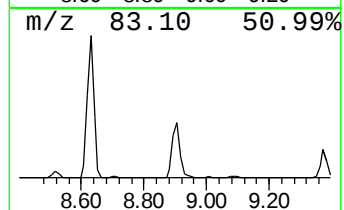
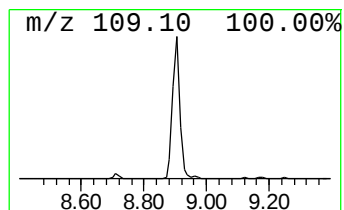
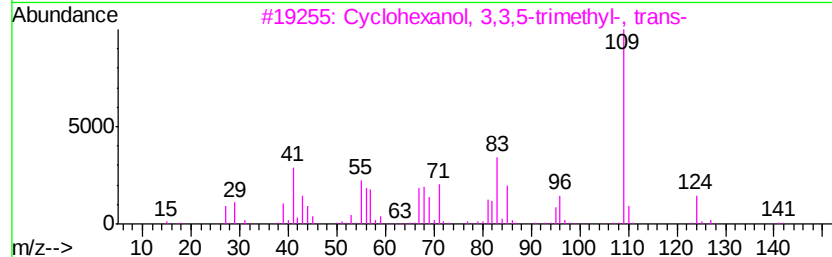
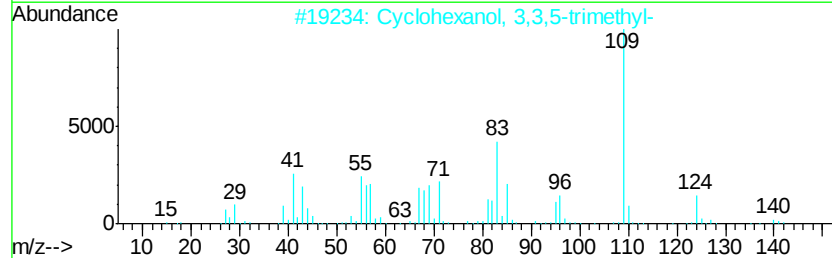
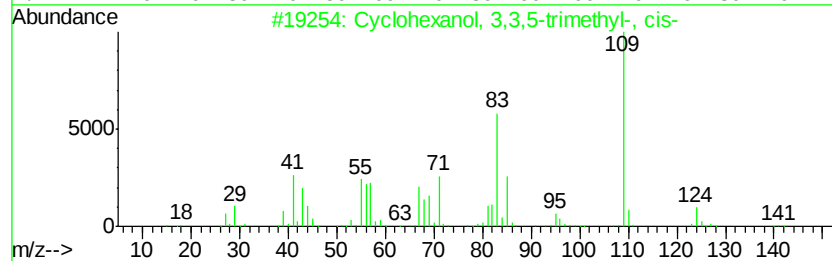
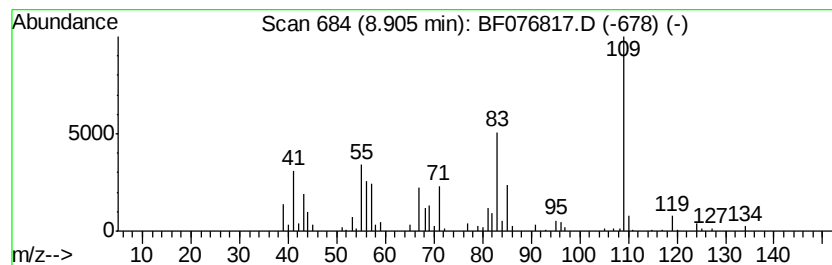
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclohexanol, 3,3,5-trimeth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	36.44 ng	353778	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000933-48-2	91
2		Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	64
3		Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000767-54-4	50
4		2-Amino-4-methylpyrimidine	109	C5H7N3	000108-52-1	35
5		2-(1-Cyclopent-1-enyl-1-methylet...	192	C13H20O	1000190-57-4	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076817.D
Acq On : 12 Jan 2015 20:06
Operator : IZ / TP
Sample : G1044-04
Misc : W
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ClientSampleId :
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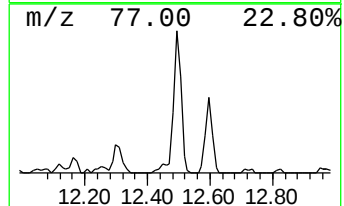
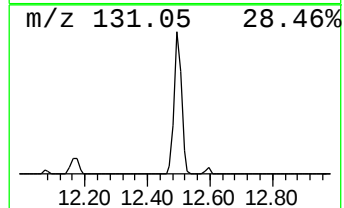
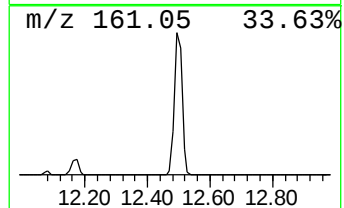
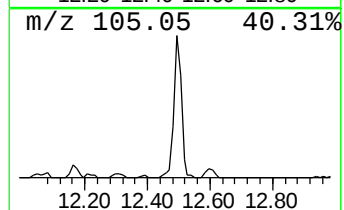
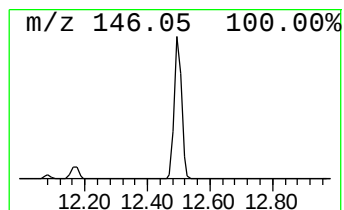
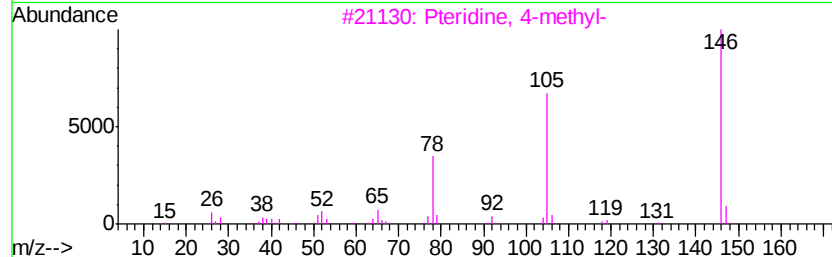
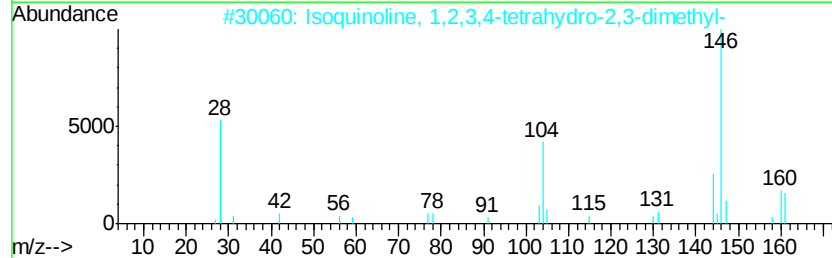
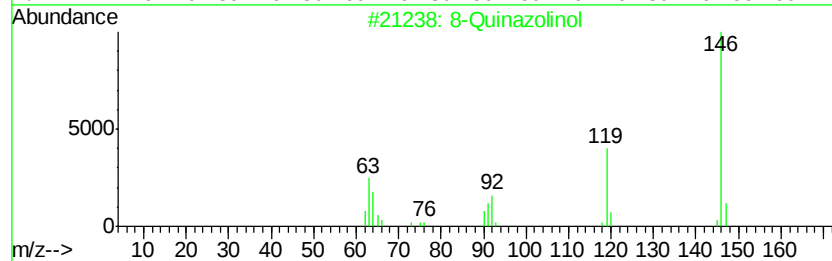
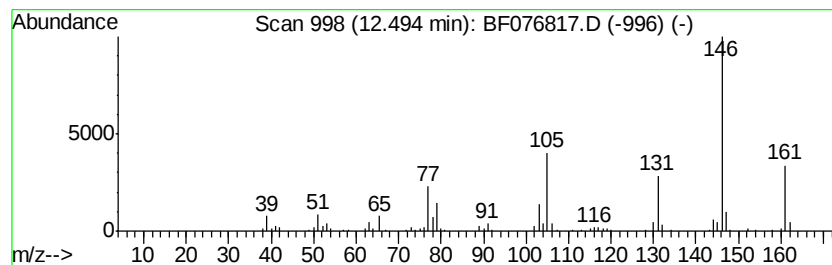
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown12.49 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	27.04 ng	377221	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Quinazolinol	146	C8H6N2O	007557-02-0	43
2		Isoquinoline, 1,2,3,4-tetrahydro...	161	C11H15N	054365-72-9	42
3		Pteridine, 4-methyl-	146	C7H6N4	002432-21-5	38
4		Phthalazin-1-one	146	C8H6N2O	000119-39-1	38
5		1-(3,4-Dihydro-1H-isoquinolin-2-...	313	C19H23N03	1000275-12-7	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076817.D
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Operator : IZ / TP
Sample : G1044-04
Misc : W
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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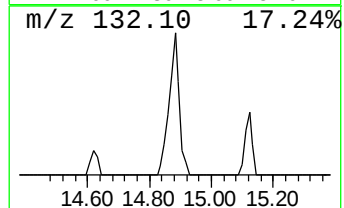
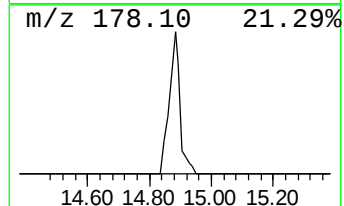
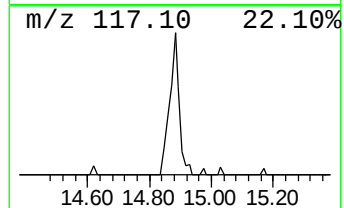
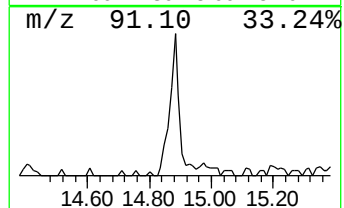
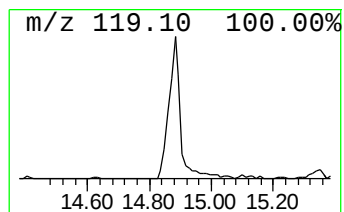
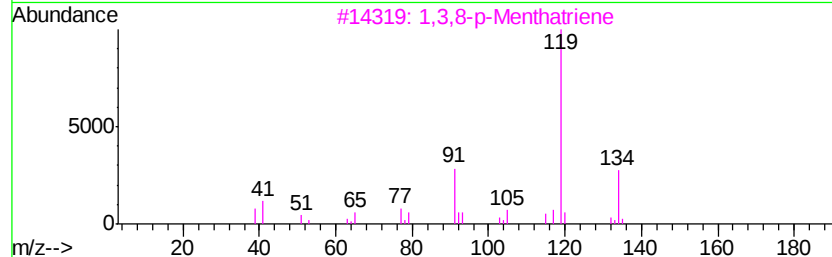
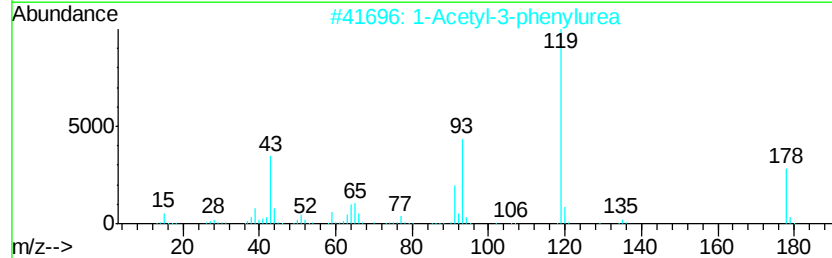
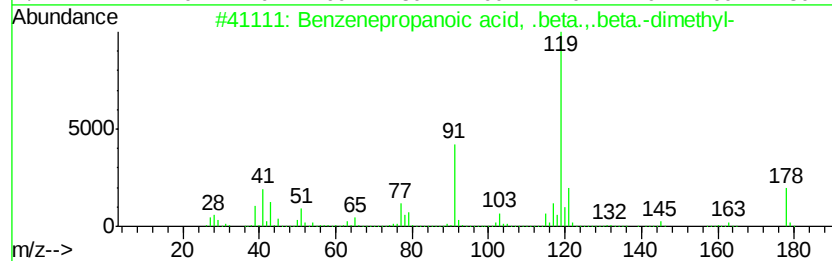
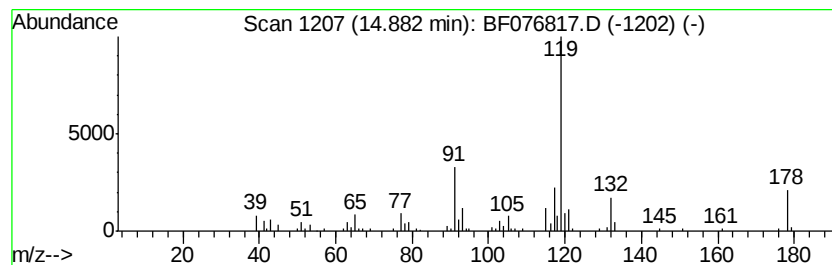
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzenepropanoic acid, .bet... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	15.76 ng	249717	Acenaphthene-d10	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenepropanoic acid, .beta.,.b...	178	C11H14O2	001010-48-6	68
2		1-Acetyl-3-phenylurea	178	C9H10N2O2	000102-03-4	49
3		1,3,8-p-Menthatriene	134	C10H14	021195-59-5	47
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	47
5		p-Toluylic acid, allyl ester	176	C11H12O2	002653-46-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
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Misc : W
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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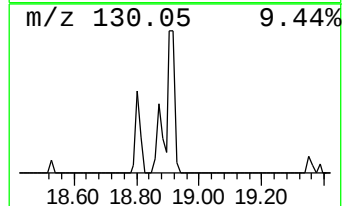
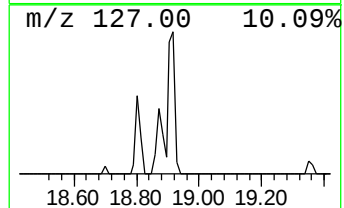
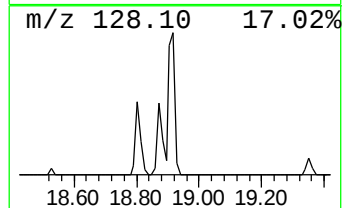
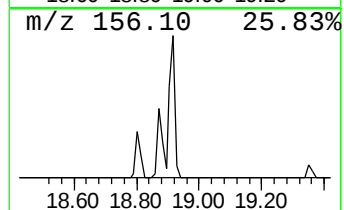
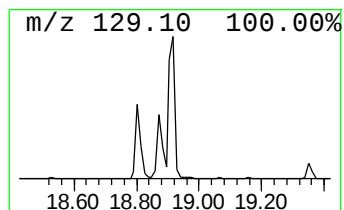
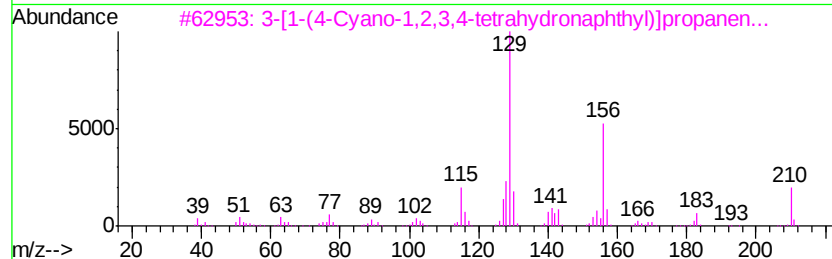
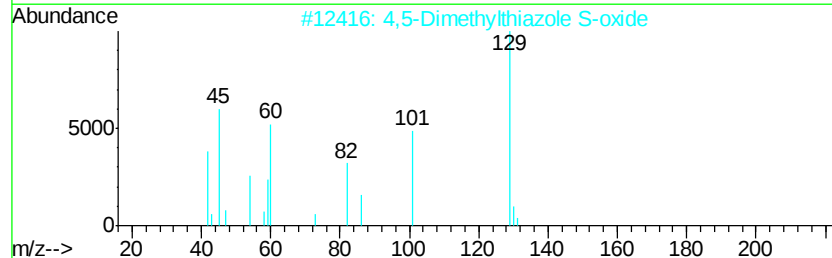
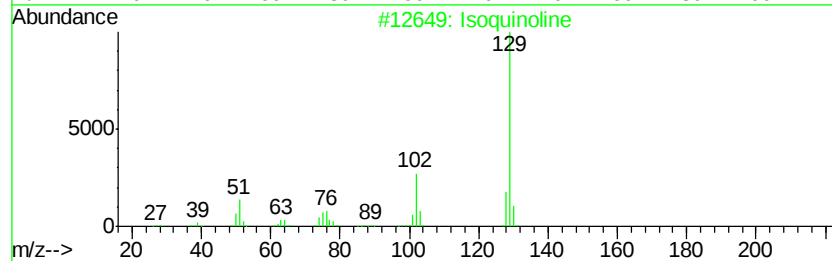
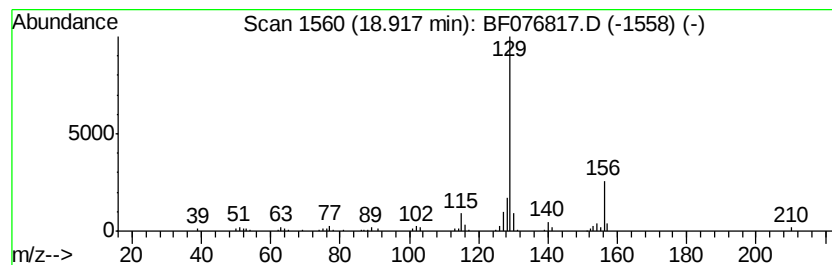
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Isoquinoline Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	12.05 ng	184439	Phenanthrene-d10	17.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isoquinoline	129	C9H7N	000119-65-3	50
2		4,5-Dimethylthiazole S-oxide	129	C5H7NOS	1000112-53-4	47
3		3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	42
4		Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	40
5		2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
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Acq On : 12 Jan 2015 20:06
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Misc : W
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methyl Isobutyl K...	1.82	13.1	ng	126746	1	8.08	194153	20.0
2-Pentanone, 4-hy...	4.25	25.3	ng	245276	1	8.08	194153	20.0
Benzene, (1-methy...	6.24	22.8	ng	221196	1	8.08	194153	20.0
3-Octanone	6.65	12.6	ng	122671	1	8.08	194153	20.0
Benzene, 1-ethyl-...	7.05	13.7	ng	133264	1	8.08	194153	20.0
Cyclohexanone, 3,...	8.63	29.2	ng	283737	1	8.08	194153	20.0
Cyclohexanol, 3,3...	8.90	36.4	ng	353778	1	8.08	194153	20.0
unknown12.49	12.49	27.0	ng	377221	2	10.98	279052	20.0
Benzenepropanoic ...	14.88	15.8	ng	249717	3	15.12	316860	20.0
Isoquinoline	18.92	12.1	ng	184439	4	17.85	306143	20.0