

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080946.D
 Acq On : 8 Aug 2015 3:09
 Operator : TP/UM
 Sample : G3210-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 670UNDERCLIFF-1

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-BF080715.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	4.293	191	193	197	rVB	33281	43952	2.14%	0.150%
2	4.373	197	200	211	rBV2	12609	33593	1.64%	0.115%
3	4.979	249	253	259	rBV	935333	1329491	64.76%	4.543%
4	5.413	287	291	293	rBV	1424096	1888752	91.99%	6.454%
5	5.813	324	326	328	rVB	38913	38045	1.85%	0.130%
6	6.453	379	382	384	rVB	1724982	1881789	91.66%	6.431%
7	6.579	390	393	395	rBV	1916908	1769416	86.18%	6.047%
8	6.807	411	413	415	rBV	483440	385077	18.76%	1.316%
9	6.899	417	421	425	rBV3	13705	51381	2.50%	0.176%
10	6.967	425	427	429	rVB	1632656	1435448	69.92%	4.905%
11	7.219	446	449	451	rVB	60681	55807	2.72%	0.191%
12	7.379	459	463	465	rBV	1147938	1350886	65.80%	4.616%
13	7.470	468	471	474	rVB	29162	41080	2.00%	0.140%
14	7.825	501	502	505	rVB	19107	22255	1.08%	0.076%
15	8.088	523	525	528	rVB	349527	473217	23.05%	1.617%
16	9.070	608	611	617	rBV3	9373	24729	1.20%	0.085%
17	9.173	617	620	622	rBV	2329738	2053104	100.00%	7.016%
18	9.505	648	649	651	rVB	33596	24913	1.21%	0.085%
19	9.562	652	654	656	rVB	329637	315473	15.37%	1.078%
20	9.699	662	666	669	rVB3	30682	46239	2.25%	0.158%
21	9.848	676	679	681	rBV	562817	659095	32.10%	2.252%
22	9.893	681	683	689	rVV	54689	198082	9.65%	0.677%
23	9.973	689	690	695	rVV2	20804	35117	1.71%	0.120%
24	10.053	695	697	700	rVB	32640	37500	1.83%	0.128%
25	10.259	713	715	716	rBV	21788	23670	1.15%	0.081%
26	10.282	716	717	718	rVV	36110	26353	1.28%	0.090%
27	10.499	734	736	738	rBV	17093	23128	1.13%	0.079%
28	10.636	745	748	750	rBV	1095394	1256655	61.21%	4.294%
29	10.751	757	758	761	rBV	54971	74440	3.63%	0.254%
30	10.842	763	766	768	rVB2	19790	25272	1.23%	0.086%
31	11.002	777	780	782	rBV	39917	50502	2.46%	0.173%
32	11.196	796	797	799	rBV	42433	50633	2.47%	0.173%
33	11.288	803	805	806	rBV	55758	79698	3.88%	0.272%
34	11.322	806	808	812	rVV2	617354	630646	30.72%	2.155%

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35	11.391	812	814	817	rVB3	42154	85968	4.19%	0.294%
36	11.436	817	818	820	rBV	27545	24924	1.21%	0.085%
37	11.551	826	828	830	rBV3	21947	25023	1.22%	0.086%
38	11.642	830	836	838	rVV2	70529	124555	6.07%	0.426%
39	11.722	840	843	846	rVB3	29304	47937	2.33%	0.164%
40	11.791	846	849	850	rBV2	83665	115373	5.62%	0.394%
41	11.825	850	852	854	rVV	300014	477300	23.25%	1.631%
42	11.871	854	856	860	rVB2	874869	1067279	51.98%	3.647%
43	12.031	869	870	875	rVB2	85407	200808	9.78%	0.686%
44	12.111	875	877	880	rBV	79442	106995	5.21%	0.366%
45	12.248	887	889	892	rVB3	21269	45618	2.22%	0.156%
46	12.294	892	893	896	rVB2	19496	26514	1.29%	0.091%
47	12.351	896	898	901	rBV2	58190	110644	5.39%	0.378%
48	12.419	901	904	906	rBV2	71993	132385	6.45%	0.452%
49	12.534	911	914	915	rVV	272876	322265	15.70%	1.101%
50	12.568	915	917	921	rVV	144591	355230	17.30%	1.214%
51	12.648	921	924	929	rVV3	315880	626842	30.53%	2.142%
52	12.774	929	935	939	rVV2	289128	888274	43.26%	3.035%
53	12.842	939	941	943	rVV	42342	66054	3.22%	0.226%
54	12.877	943	944	945	rVV	38965	49320	2.40%	0.169%
55	12.911	945	947	949	rVB	1662726	1535267	74.78%	5.246%
56	13.014	955	956	958	rVB2	37976	33405	1.63%	0.114%
57	13.082	958	962	966	rBV3	35046	108318	5.28%	0.370%
58	13.151	966	968	970	rBV	81813	124327	6.06%	0.425%
59	13.277	977	979	981	rVB2	56028	72530	3.53%	0.248%
60	13.345	981	985	986	rBV4	29013	87279	4.25%	0.298%
61	13.368	986	987	993	rVB5	89965	201711	9.82%	0.689%
62	13.482	995	997	1000	rBV	211682	290107	14.13%	0.991%
63	13.608	1005	1008	1010	rBV2	51826	84407	4.11%	0.288%
64	13.665	1012	1013	1015	rBV2	40497	62337	3.04%	0.213%
65	13.711	1015	1017	1020	rBV3	59215	82951	4.04%	0.283%
66	13.837	1025	1028	1034	rVB2	275020	499438	24.33%	1.707%
67	13.951	1035	1038	1043	rVB	995980	1260867	61.41%	4.309%
68	14.134	1052	1054	1055	rVV	124546	115822	5.64%	0.396%
69	14.157	1055	1056	1059	rVB2	33584	56830	2.77%	0.194%
70	14.431	1076	1080	1082	rBV	159274	260388	12.68%	0.890%
71	14.477	1082	1084	1087	rVV	145827	244754	11.92%	0.836%

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72	14.728	1104	1106	1109	rBV	135469	155108	7.55%	0.530%
73	14.957	1124	1126	1130	rVB	111694	246229	11.99%	0.841%
74	15.048	1132	1134	1137	rVB2	220975	254113	12.38%	0.868%
75	15.105	1137	1139	1145	rBV4	67024	160221	7.80%	0.548%
76	15.243	1149	1151	1154	rVB	86542	106859	5.20%	0.365%
77	15.300	1154	1156	1159	rBV	100718	128391	6.25%	0.439%
78	15.357	1159	1161	1163	rVV	212186	337360	16.43%	1.153%
79	15.403	1163	1165	1167	rVB2	117358	169460	8.25%	0.579%
80	15.585	1179	1181	1183	rBV2	61752	78769	3.84%	0.269%
81	15.814	1198	1201	1203	rBV	172719	277306	13.51%	0.948%
82	15.905	1206	1209	1211	rBV2	58564	137539	6.70%	0.470%
83	15.951	1211	1213	1217	rVB3	96263	143921	7.01%	0.492%
84	16.031	1217	1220	1221	rBV2	57264	121650	5.93%	0.416%
85	17.323	1329	1333	1339	rBV3	110393	356732	17.38%	1.219%
86	17.929	1383	1386	1389	rBV	54731	133807	6.52%	0.457%

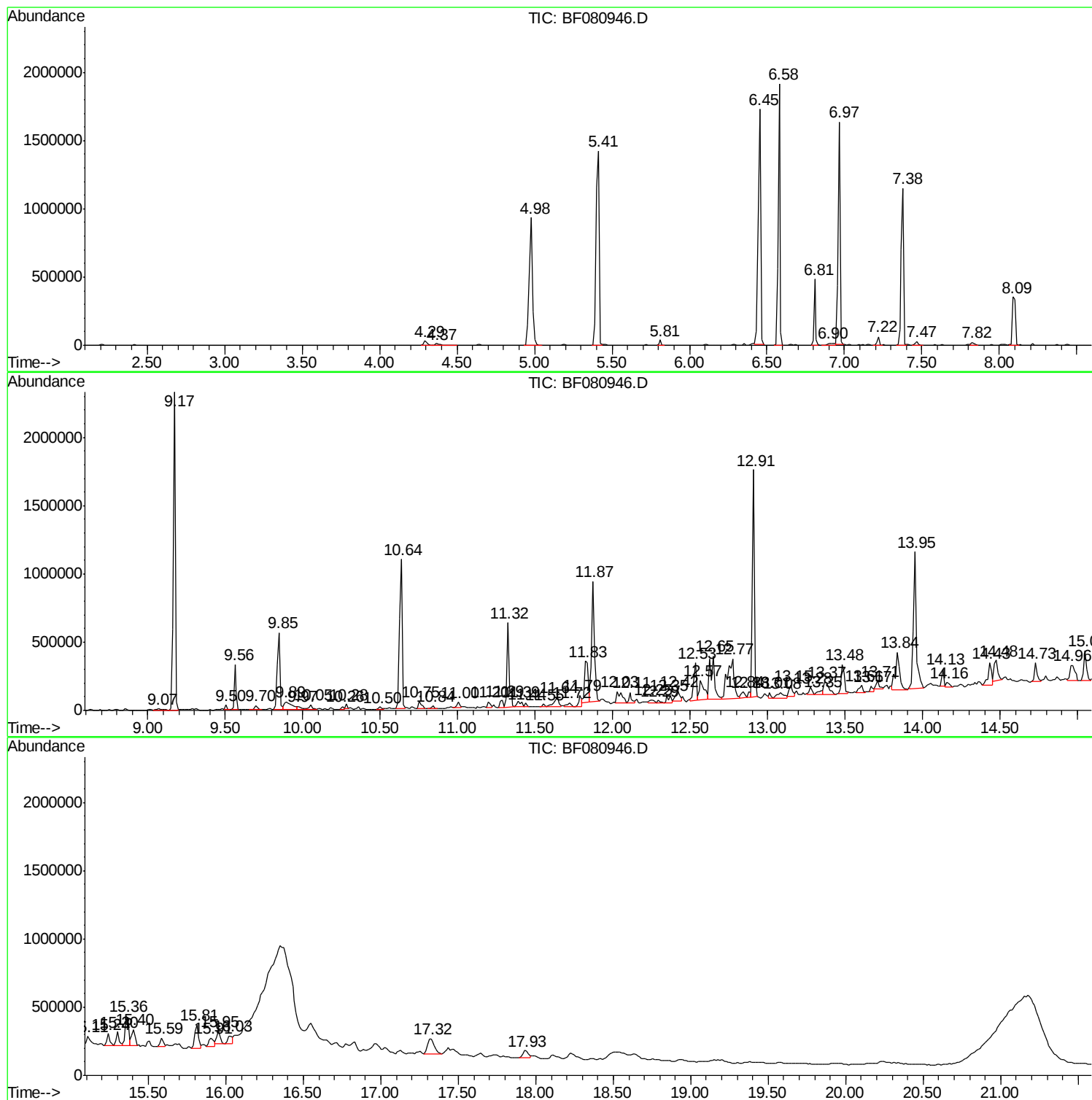
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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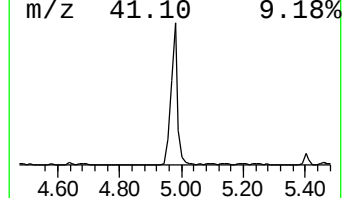
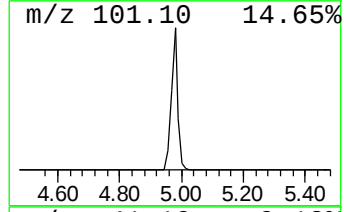
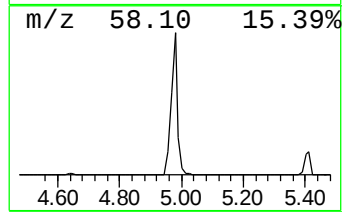
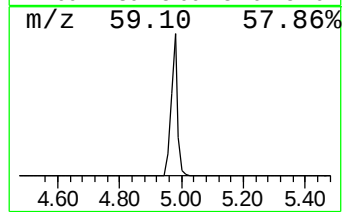
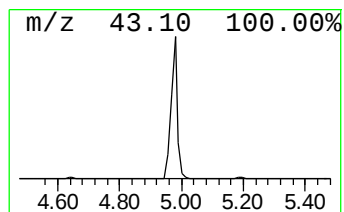
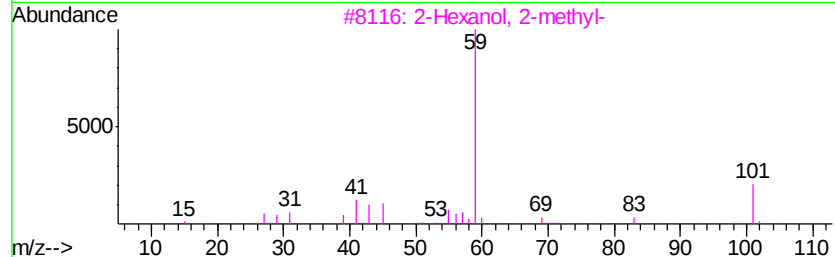
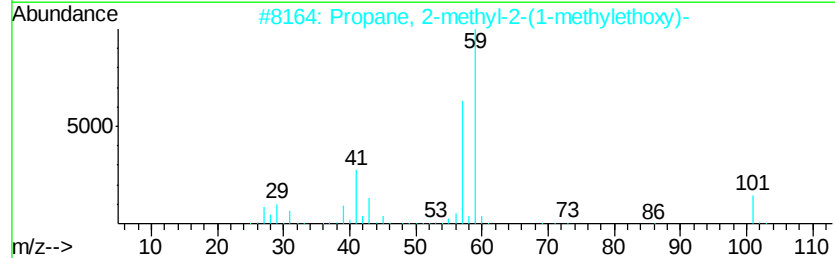
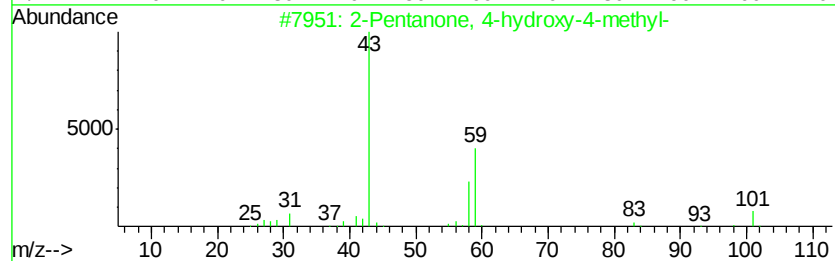
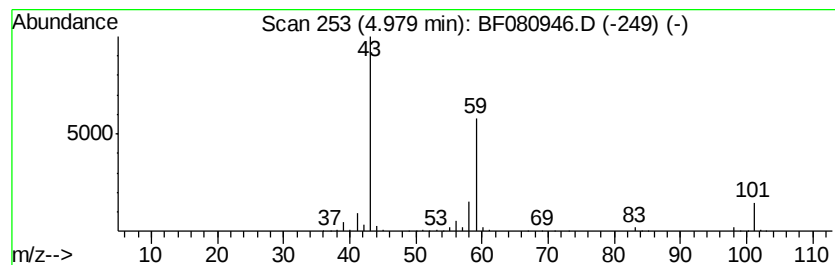
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	69.05 ng	1329490	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



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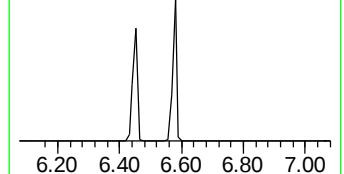
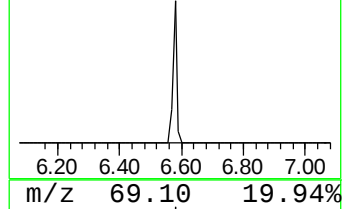
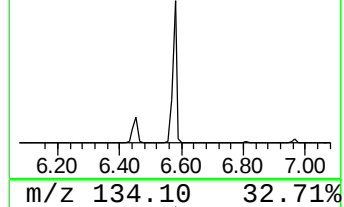
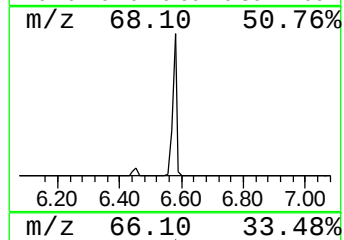
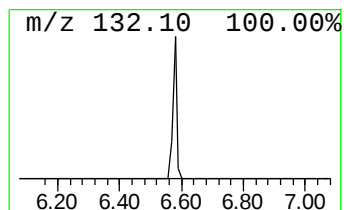
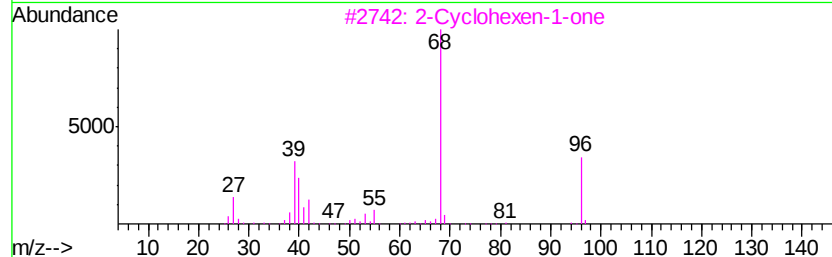
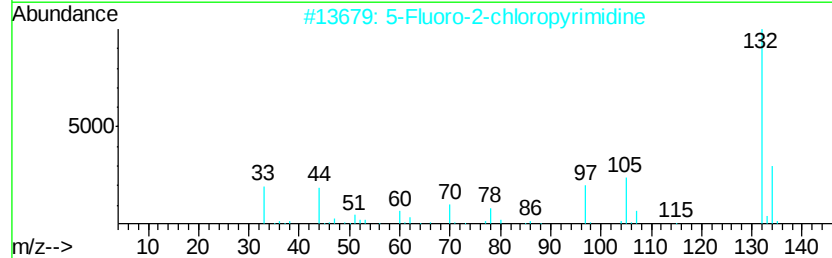
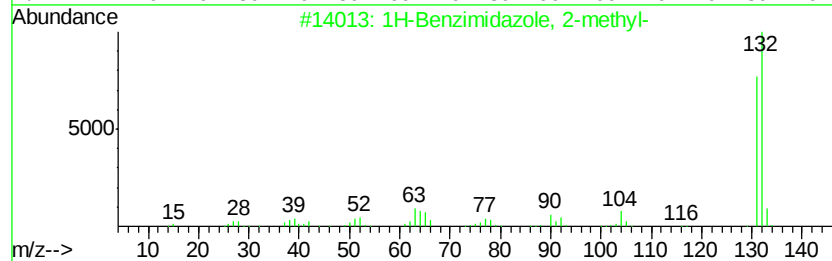
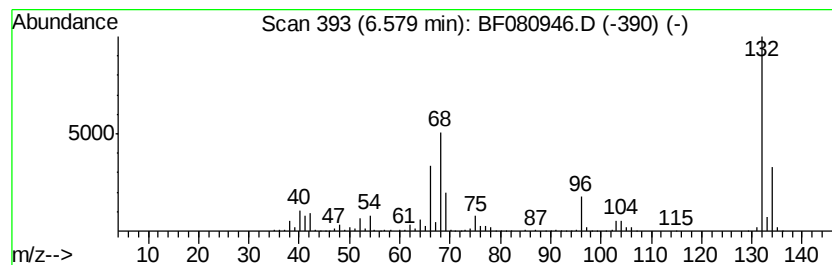
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	91.90 ng	1769420	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		5-Aminoindole	132	C8H8N2	005192-03-0	10



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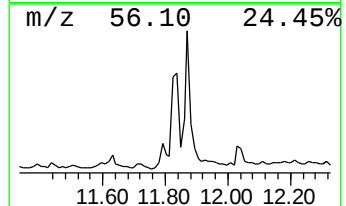
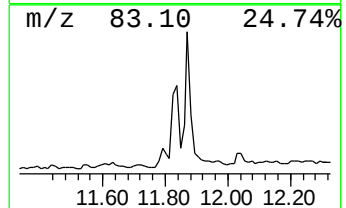
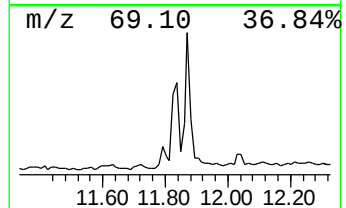
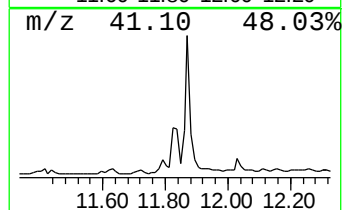
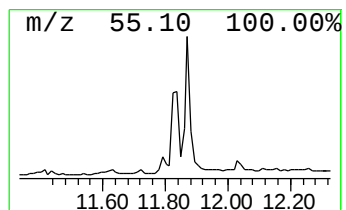
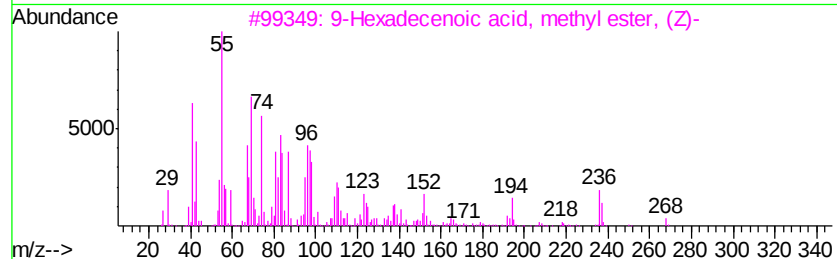
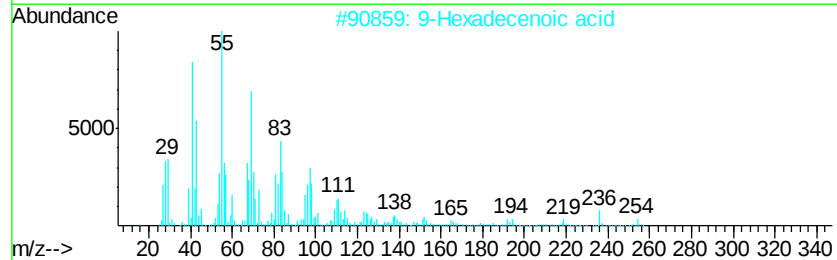
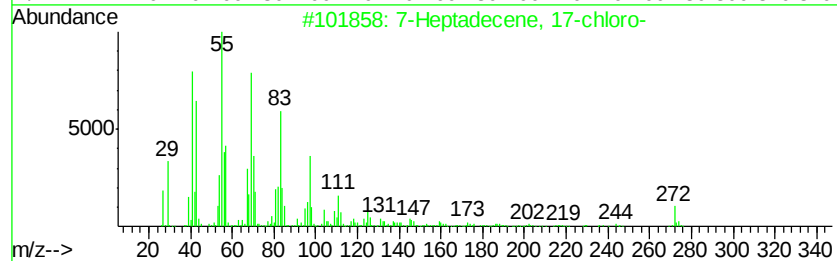
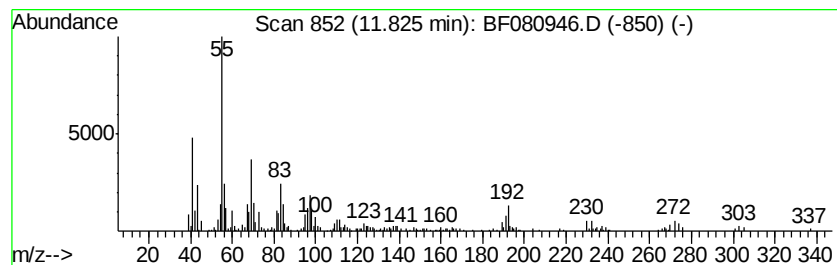
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 7-Heptadecene, 17-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.83	15.14 ng	477300	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Heptadecene, 17-chloro-	272	C17H33Cl	056554-79-1	60
2	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	58
3	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	55
4	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	50
5	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	49



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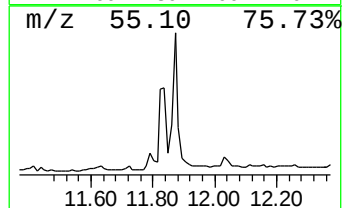
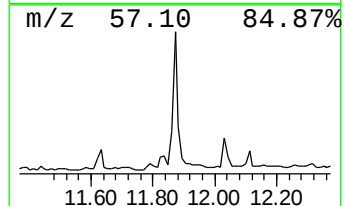
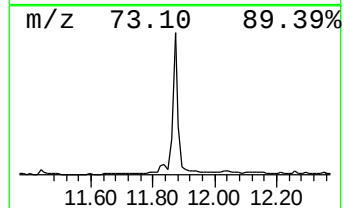
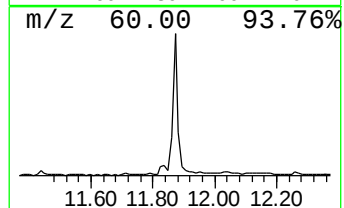
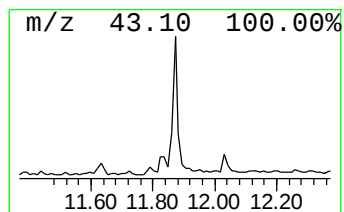
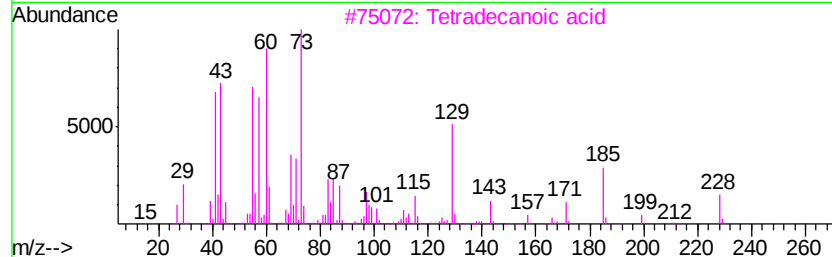
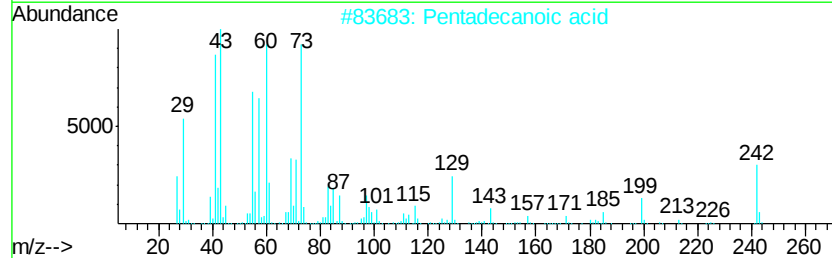
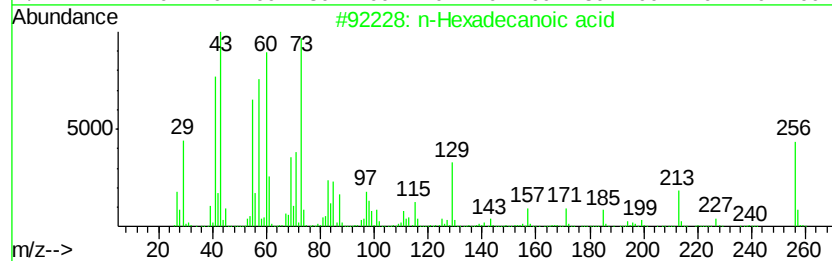
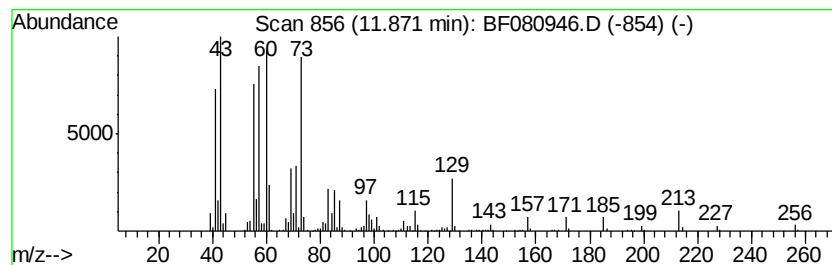
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	33.85 ng	1067280	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	78
5	Undecanoic acid	186	C11H22O2	000112-37-8	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080715\
Data File : BF080946.D
Acq On : 8 Aug 2015 3:09
Operator : TP/UM
Sample : G3210-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

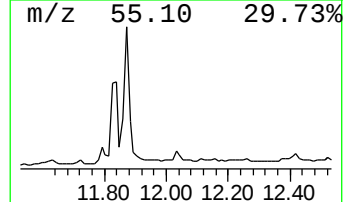
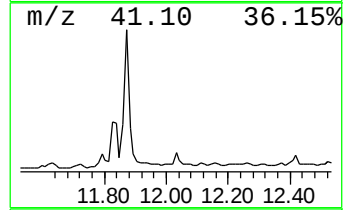
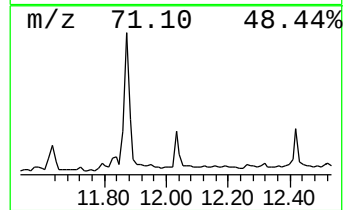
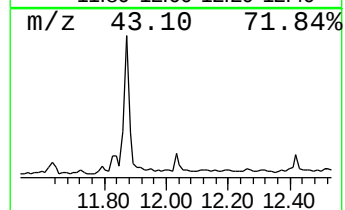
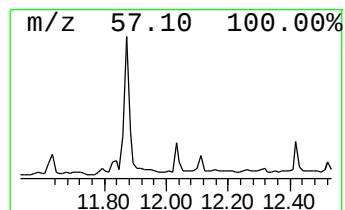
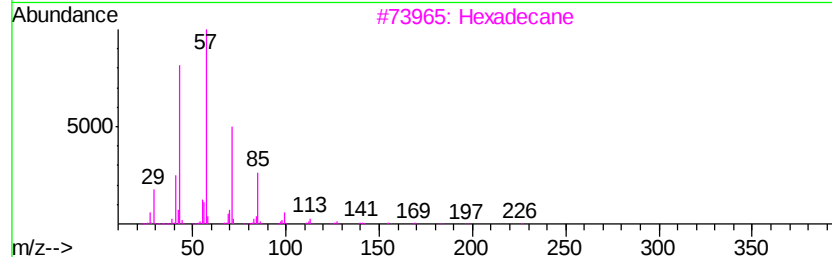
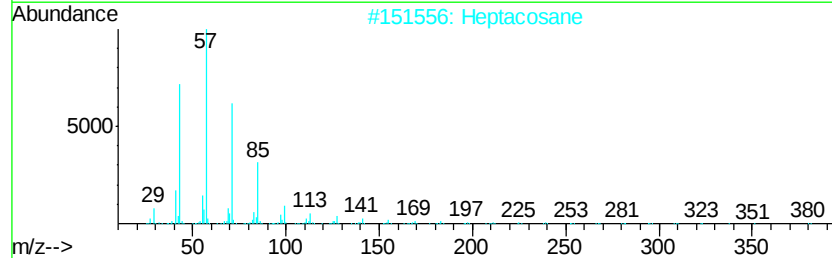
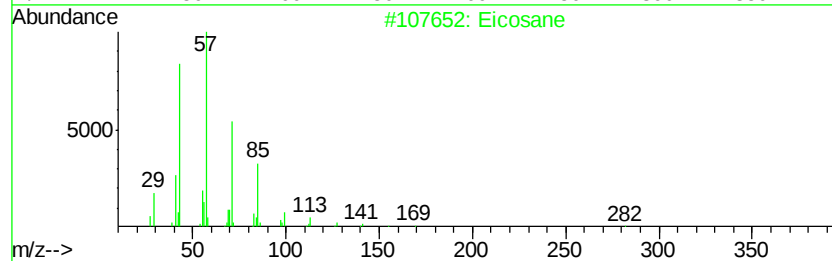
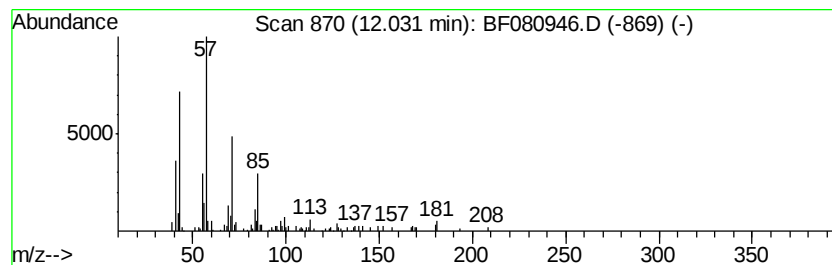
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.03	6.37 ng	200808	Phenanthrene-d10		11.32	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	90
2	Heptacosane		380	C27H56	000593-49-7	87
3	Hexadecane		226	C16H34	000544-76-3	80
4	Pentadecane		212	C15H32	000629-62-9	80
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080715\
Data File : BF080946.D
Acq On : 8 Aug 2015 3:09
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Misc :
ALS Vial : 28 Sample Multiplier: 1

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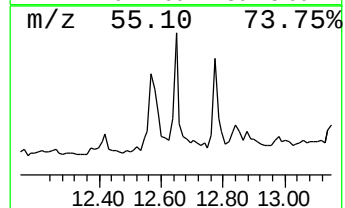
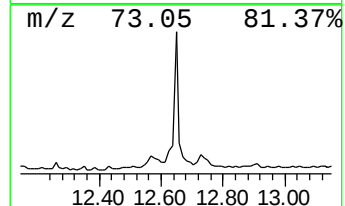
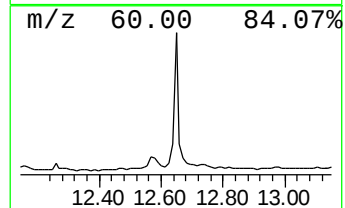
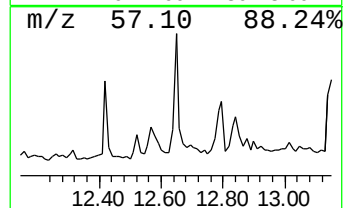
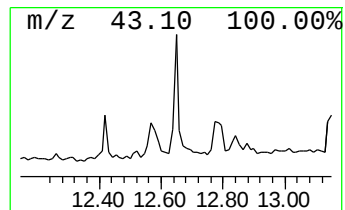
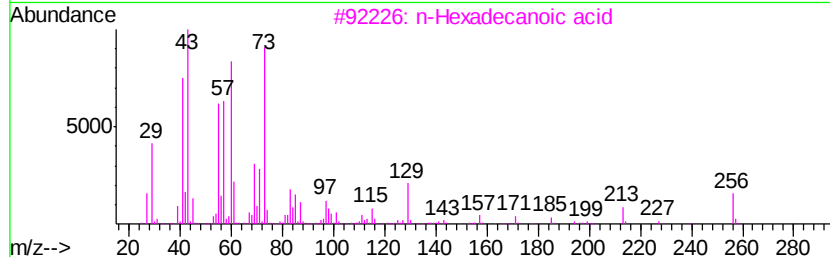
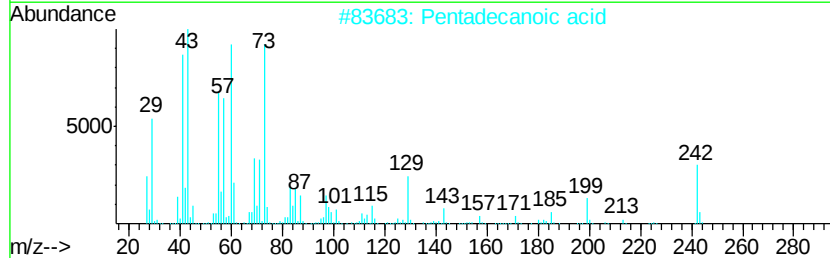
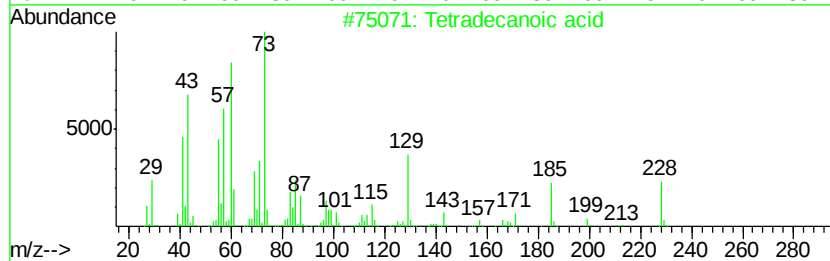
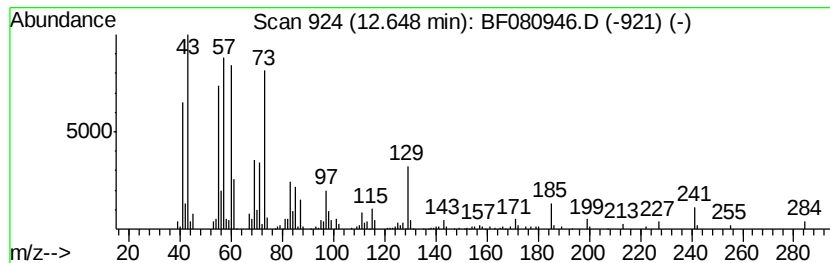
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	9.94 ng	626842	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
4		Undecanoic acid	186	C11H22O2	000112-37-8	59
5		12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
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Acq On : 8 Aug 2015 3:09
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Misc :
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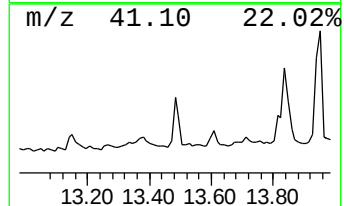
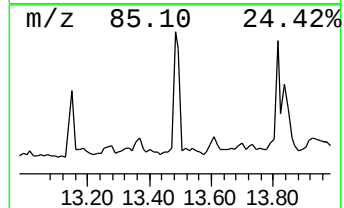
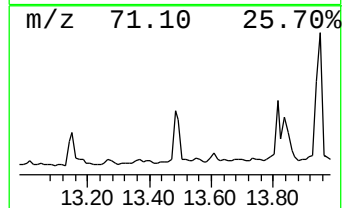
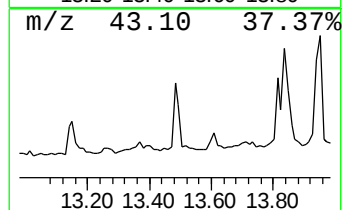
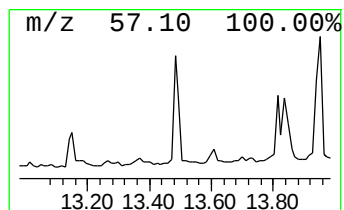
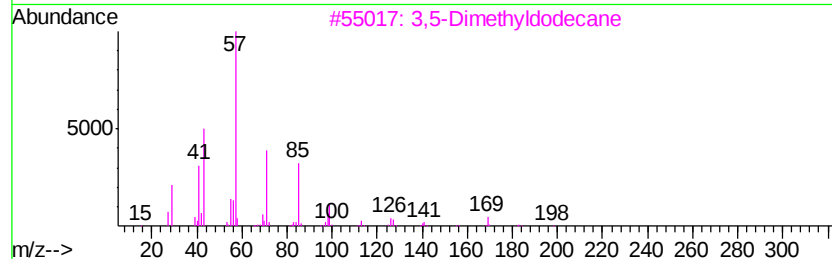
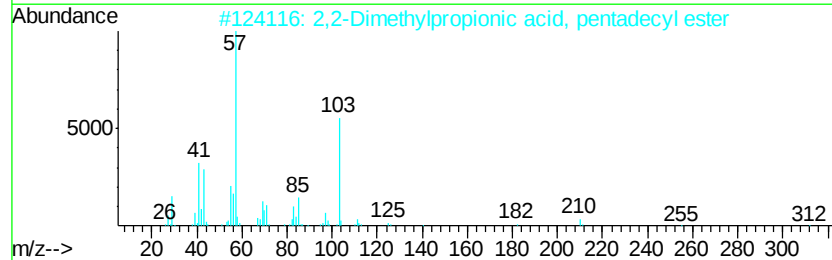
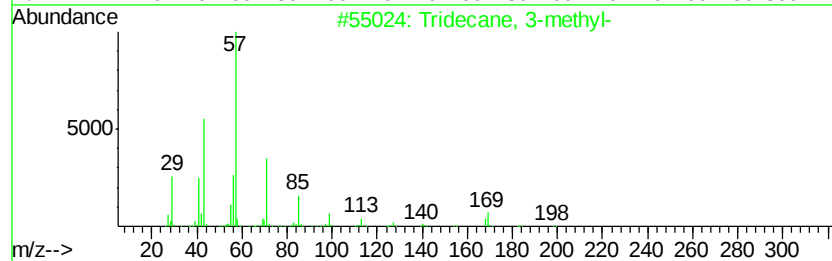
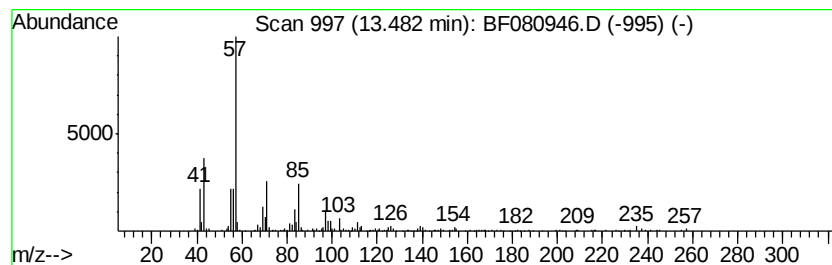
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	4.60 ng	290107	Chrysene-d12	13.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane, 3-methyl-	198 C14H30	006418-41-3	53
2	2,2-Dimethylpropionic acid, pent...	312 C20H40O2	1000278-93-8	52
3	3,5-Dimethyldodecane	198 C14H30	107770-99-0	50
4	Propanoic acid, 2,2-dimethyl-, 2...	214 C13H26O2	016387-18-1	50
5	Pentadecane, 6-methyl-	226 C16H34	010105-38-1	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080715\
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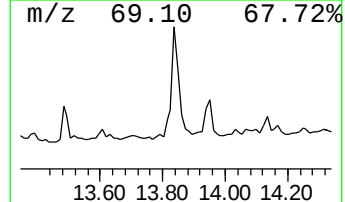
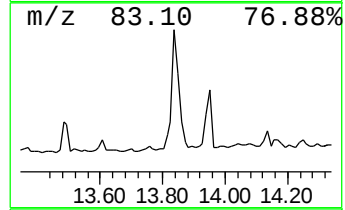
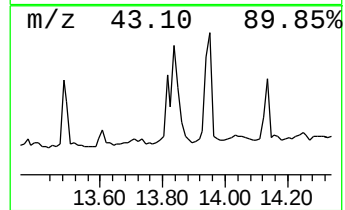
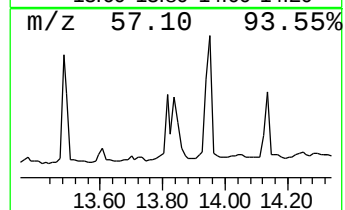
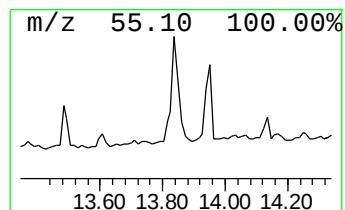
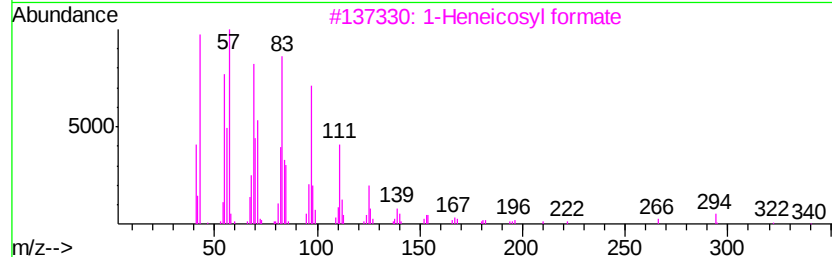
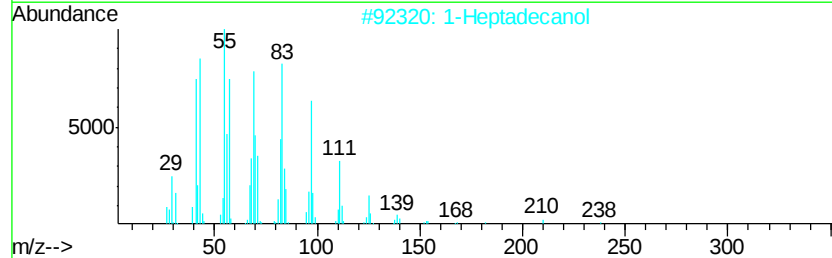
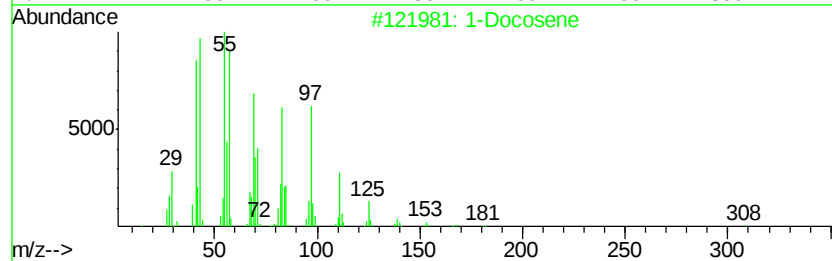
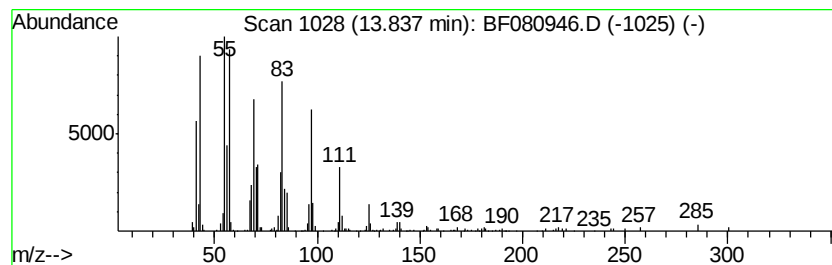
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Docosene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	7.92 ng	499438	Chrysene-d12	13.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene	308 C22H44	001599-67-3	94
2	1-Heptadecanol	256 C17H36O	001454-85-9	91
3	1-Heneicosyl formate	340 C22H44O2	077899-03-7	91
4	1-Nonadecene	266 C19H38	018435-45-5	91
5	10-Heneicosene (c,t)	294 C21H42	095008-11-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080715\
Data File : BF080946.D
Acq On : 8 Aug 2015 3:09
Operator : TP/UM
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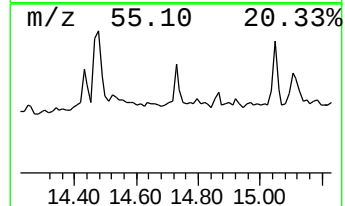
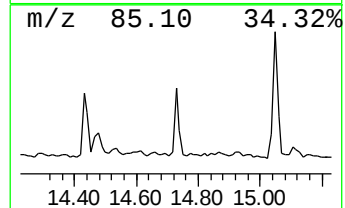
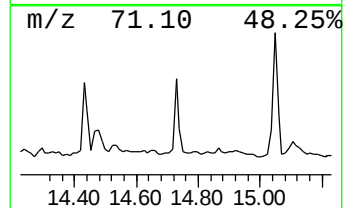
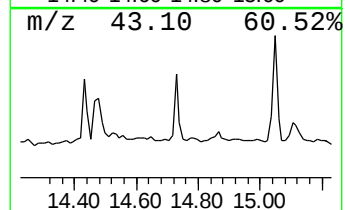
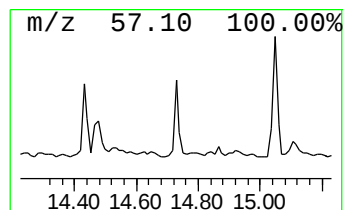
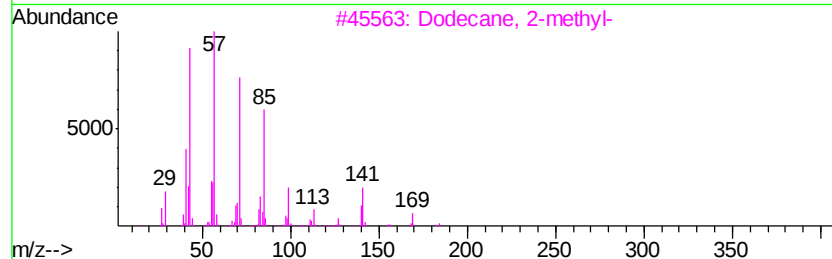
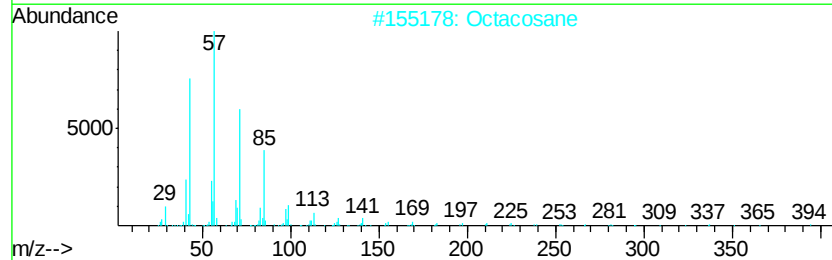
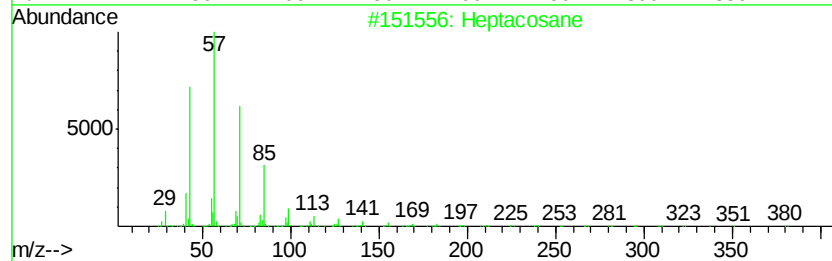
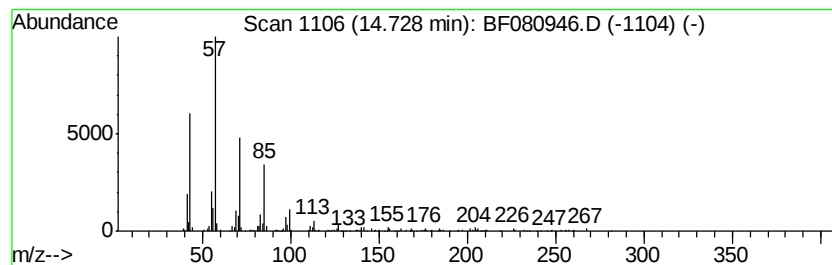
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	9.20 ng	155108	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	87
2			Octacosane	394	C28H58	000630-02-4	86
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
4			Hexadecane	226	C16H34	000544-76-3	81
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080715\
Data File : BF080946.D
Acq On : 8 Aug 2015 3:09
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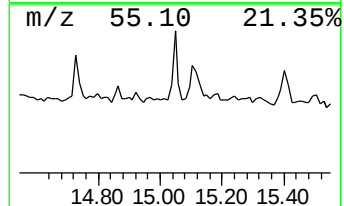
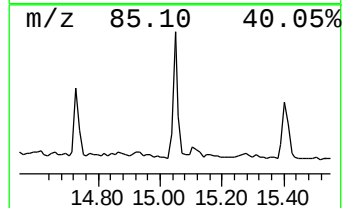
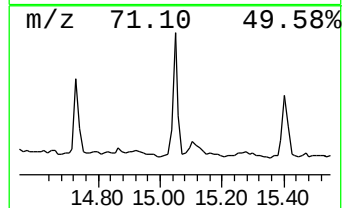
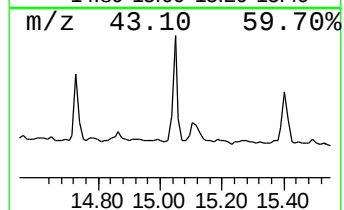
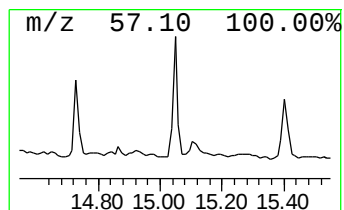
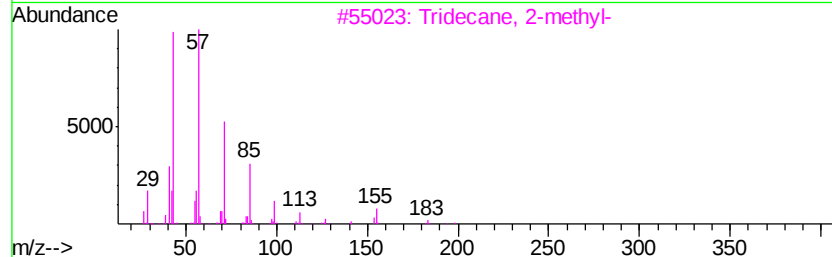
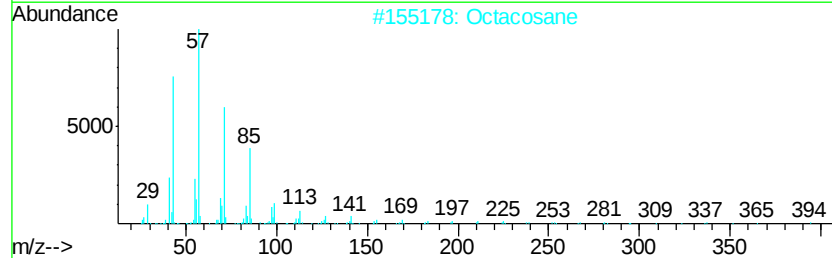
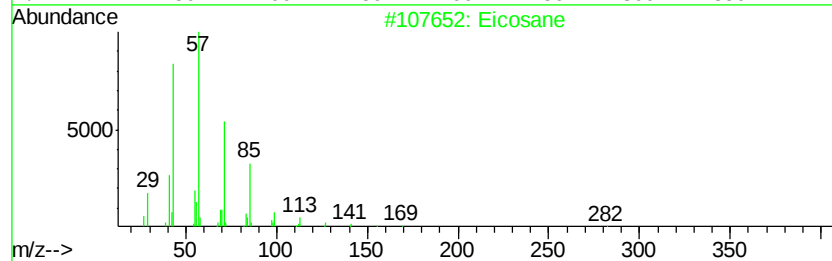
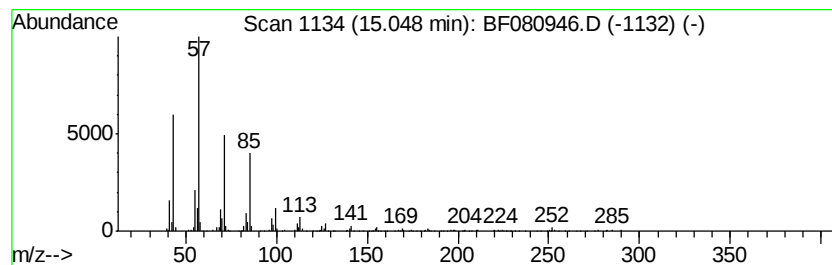
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	15.06 ng	254113	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Octacosane	394	C28H58	000630-02-4	87
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
4		1-Iodoundecane	282	C11H23I	004282-44-4	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080715\
Data File : BF080946.D
Acq On : 8 Aug 2015 3:09
Operator : TP/UM
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Misc :
ALS Vial : 28 Sample Multiplier: 1

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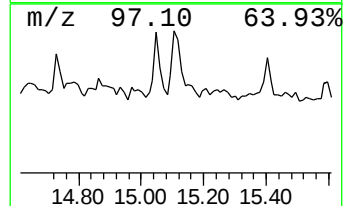
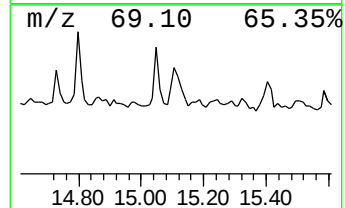
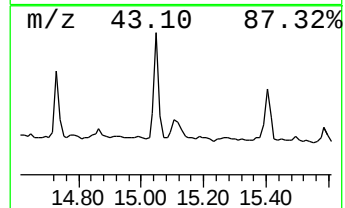
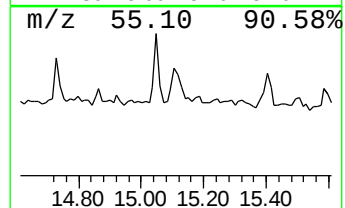
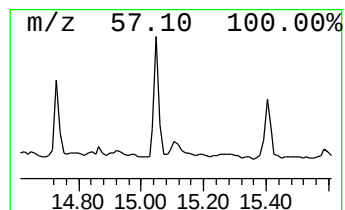
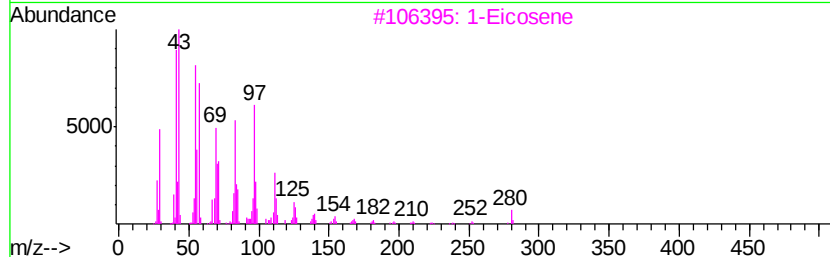
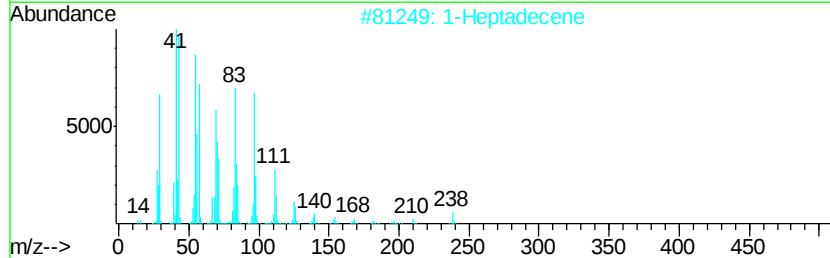
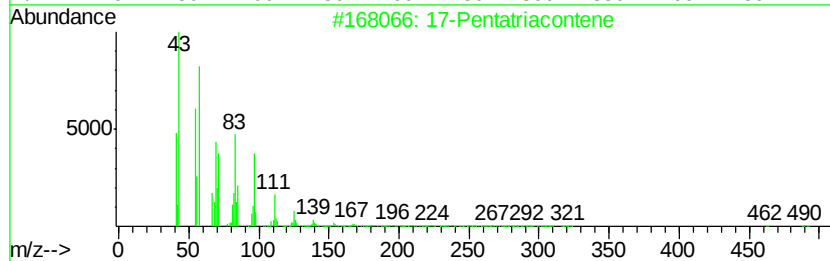
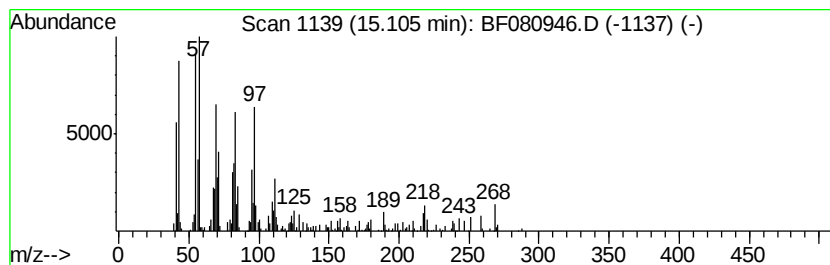
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 17-Pentatriacontene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	9.50 ng	160221	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			17-Pentatriacontene	491	C35H70	006971-40-0	74
2			1-Heptadecene	238	C17H34	006765-39-5	64
3			1-Eicosene	280	C20H40	003452-07-1	64
4			1-Tetracosanol	354	C24H50O	000506-51-4	58
5			1-Hexacosanol	382	C26H54O	000506-52-5	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080715\
Data File : BF080946.D
Acq On : 8 Aug 2015 3:09
Operator : TP/UM
Sample : G3210-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1

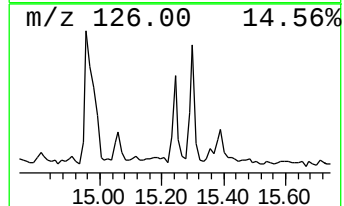
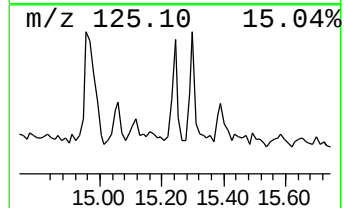
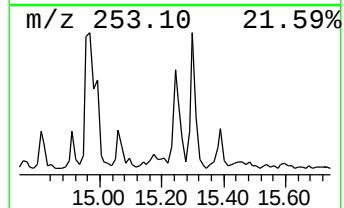
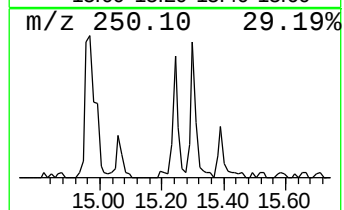
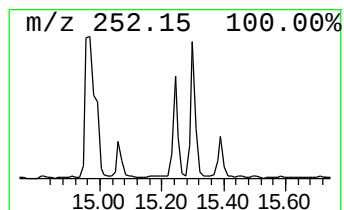
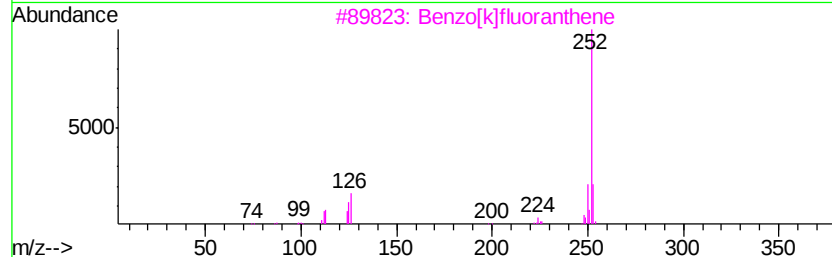
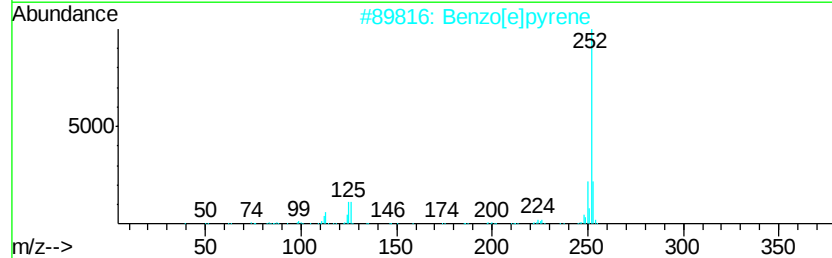
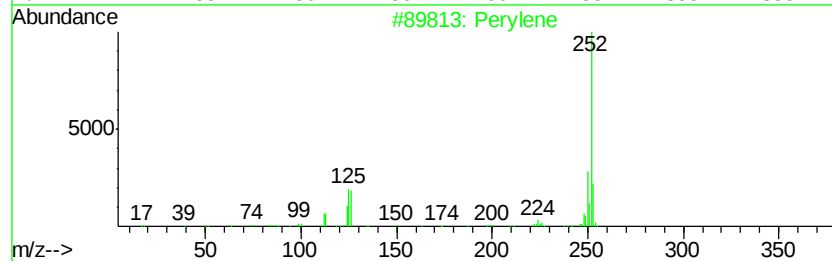
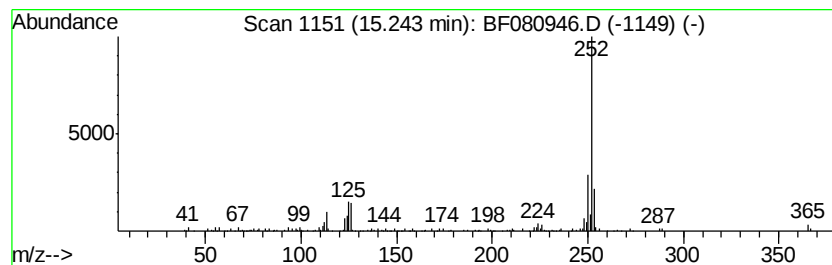
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Perylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	6.34 ng	106859	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	98
2		Benzo[e]pyrene	252	C20H12	000192-97-2	98
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	91
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
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Acq On : 8 Aug 2015 3:09
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Misc :
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Instrument :
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ClientSampleId :
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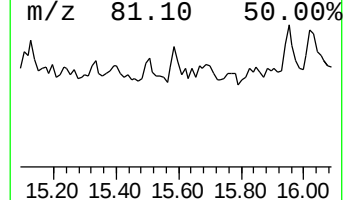
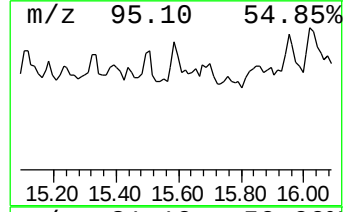
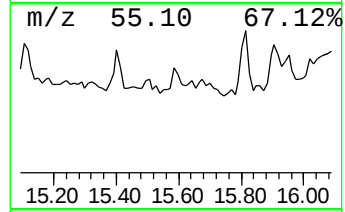
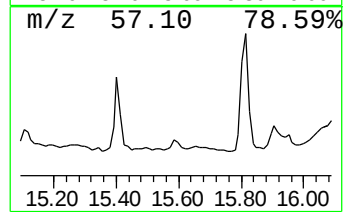
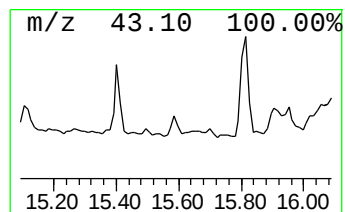
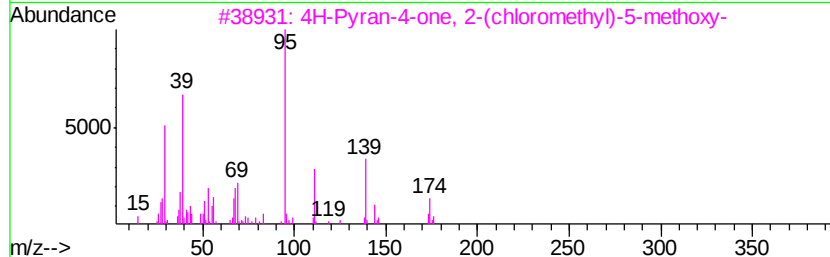
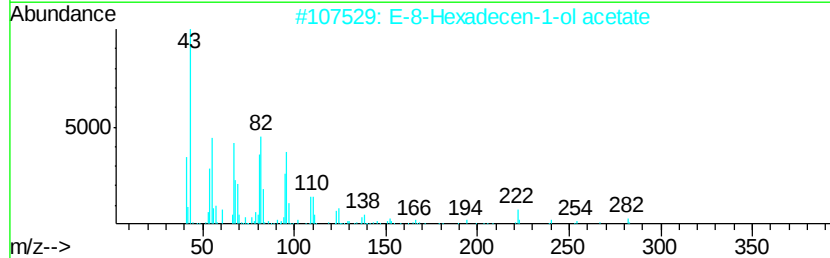
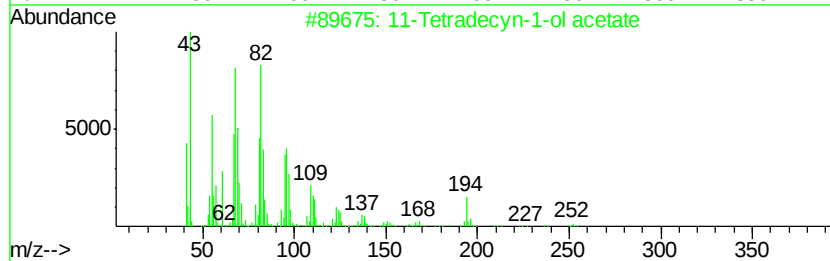
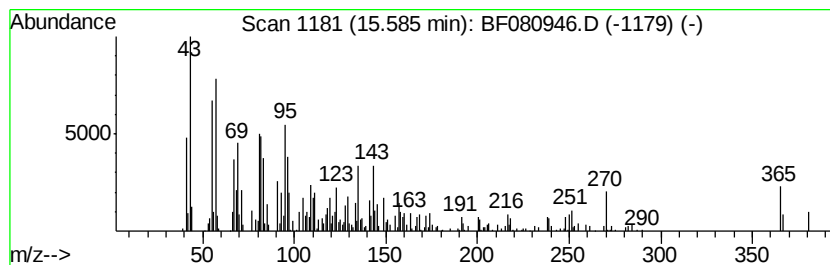
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown15.59 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	4.67 ng	78769	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tetradecyn-1-ol	acetate	252	C16H28O2	033925-72-3	25	
2	E-8-Hexadecen-1-ol	acetate	282	C18H34O2	1000131-01-1	15	
3	4H-Pyran-4-one, 2-(chloromethyl)-		174	C7H7ClO3	040838-34-4	14	
4	1,13-Tetradecadiene		194	C14H26	021964-49-8	12	
5	Z,Z-5,16-Octadecadien-1-ol	acetate	308	C20H36O2	1000130-95-8	12	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080715\
Data File : BF080946.D
Acq On : 8 Aug 2015 3:09
Operator : TP/UM
Sample : G3210-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

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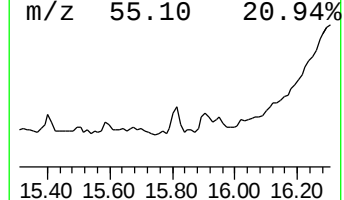
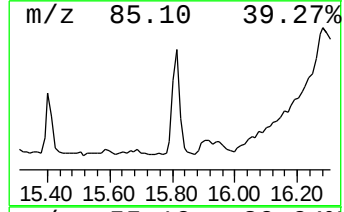
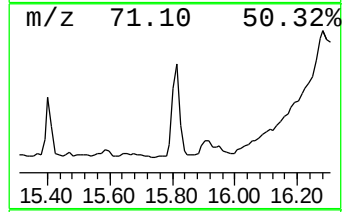
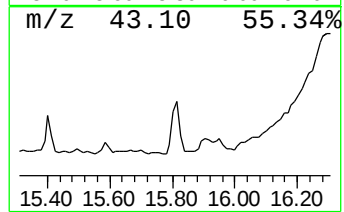
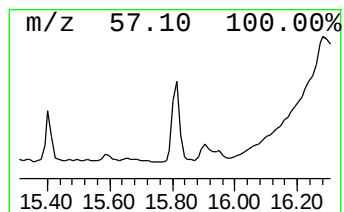
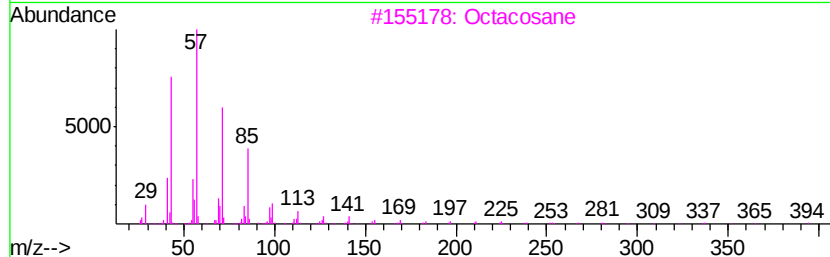
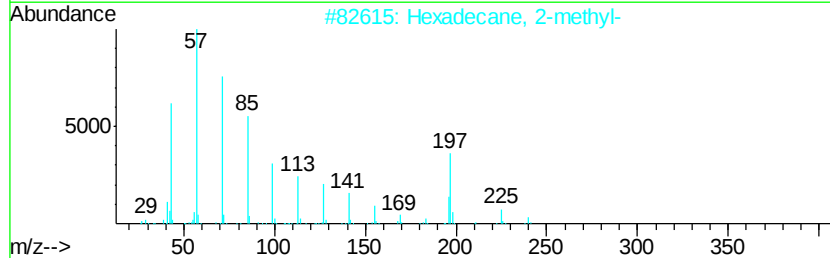
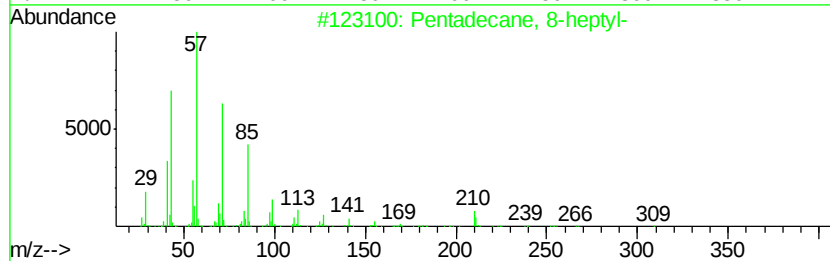
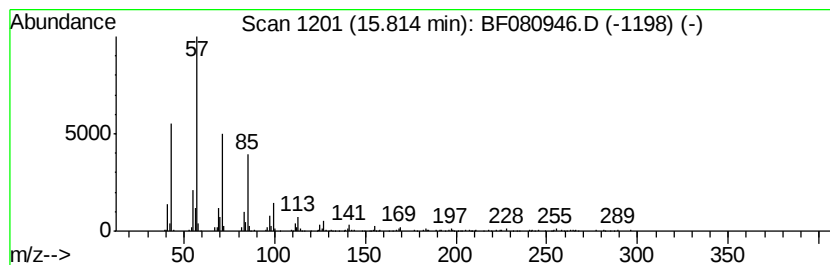
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane, 8-heptyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	16.44 ng	277306	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080715\
Data File : BF080946.D
Acq On : 8 Aug 2015 3:09
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Misc :
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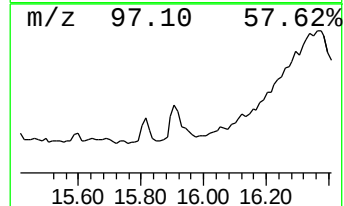
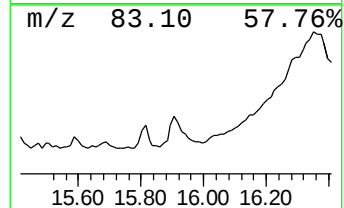
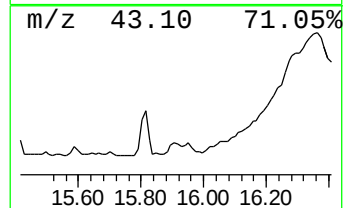
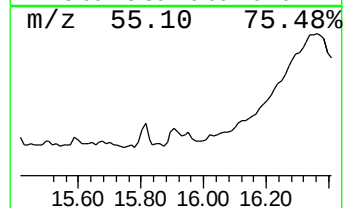
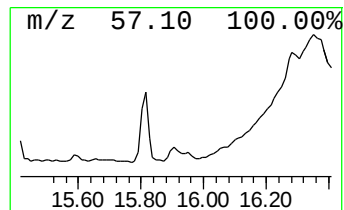
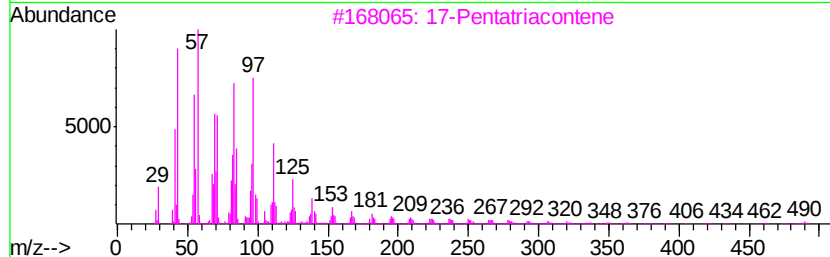
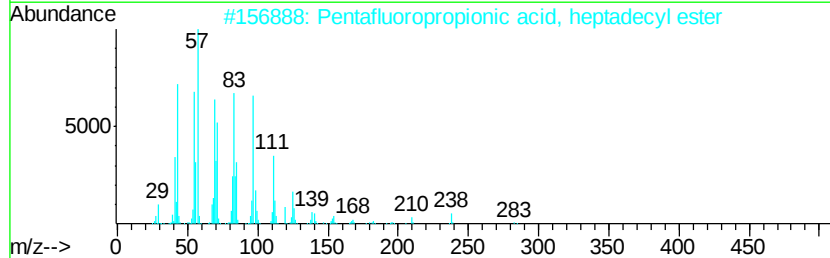
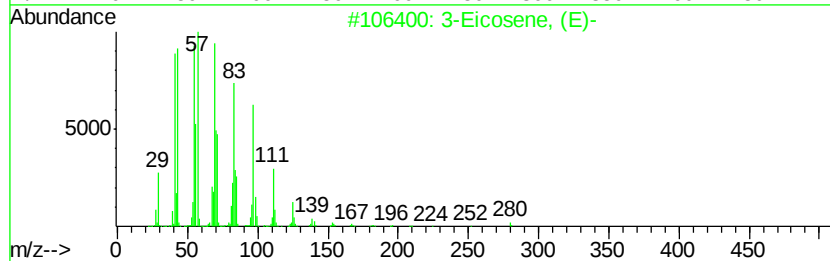
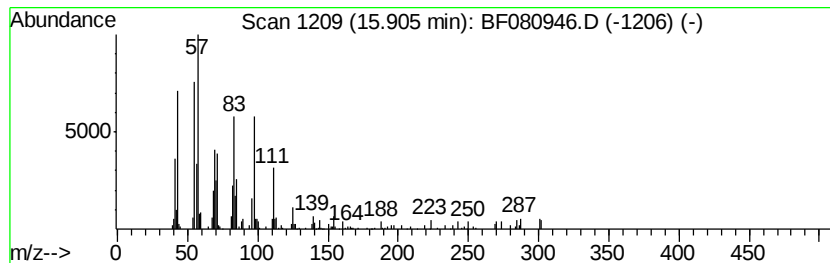
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 3-Eicosene, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	8.15 ng	137539	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	83
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	80
3		17-Pentatriacontene	491	C35H70	006971-40-0	72
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	59
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080946.D
Acq On : 8 Aug 2015 3:09
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Misc :
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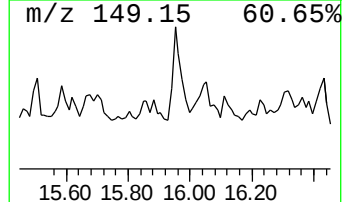
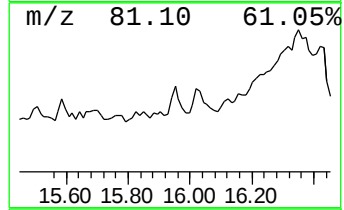
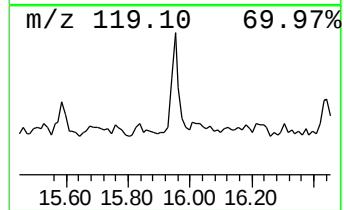
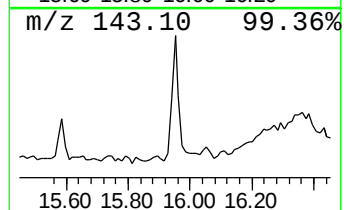
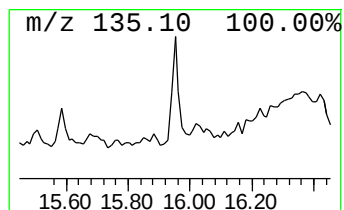
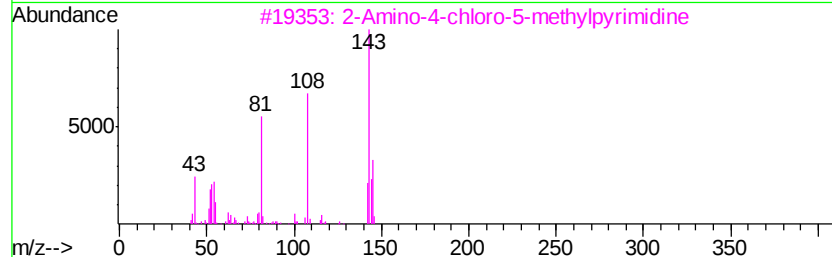
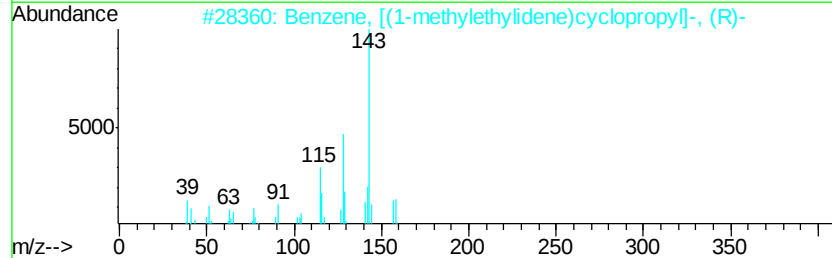
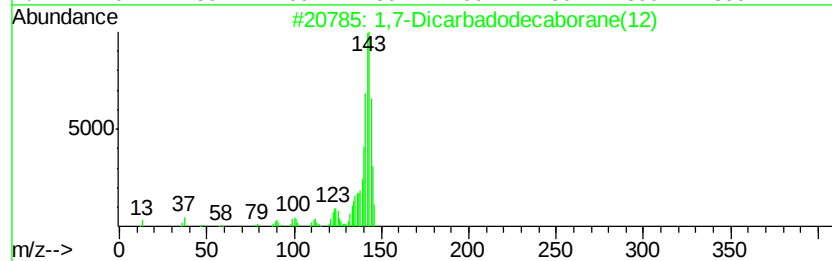
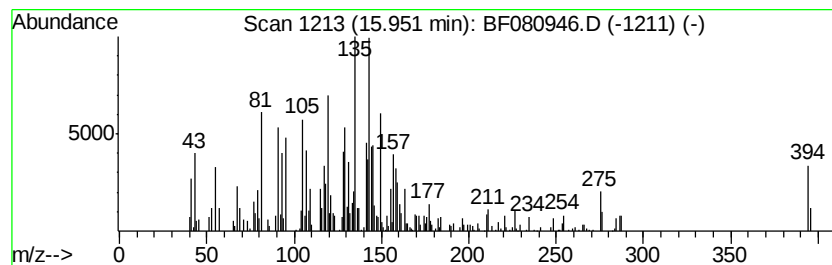
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.95 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	8.53 ng	143921	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,7-Dicarbadoecaborane(12)	146	C2H12B10	016986-24-6	18
2			Benzene, [(1-methylethylidene)cy...	158	C12H14	024524-55-8	18
3			2-Amino-4-chloro-5-methylpyrimidine	143	C5H6ClN3	020090-58-8	14
4			3-Heptyne, 7-chloro-2,2-dimethyl-	158	C9H15Cl	055402-10-3	11
5			Thiazol-4(5H)-one, 2-(4-morpholy...	275	C13H13N3O2S	108539-93-1	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080946.D
Acq On : 8 Aug 2015 3:09
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Misc :
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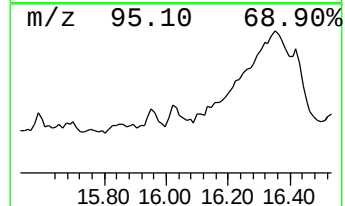
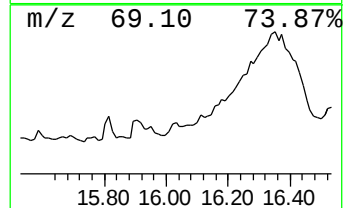
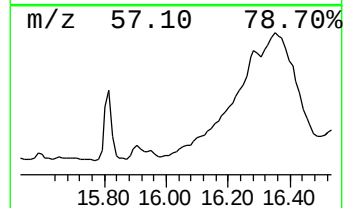
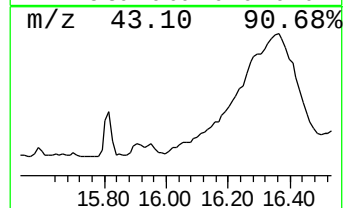
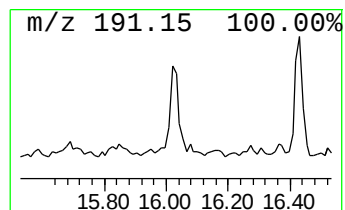
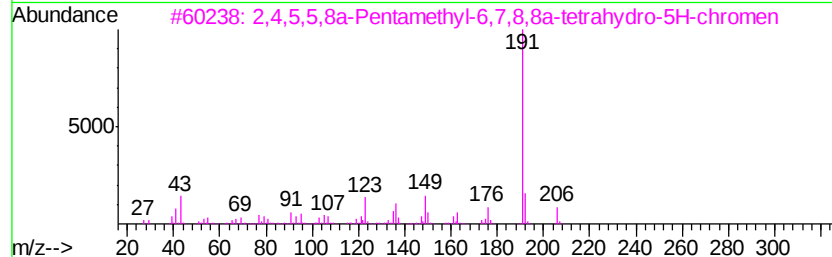
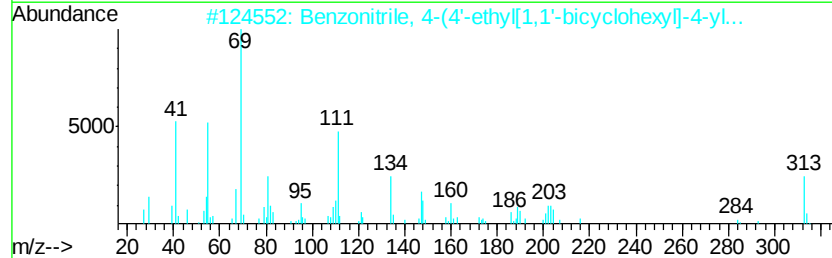
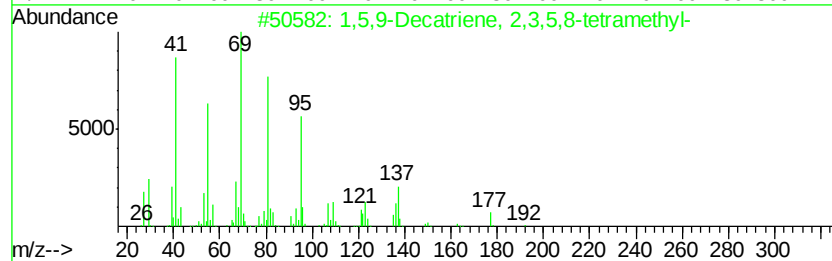
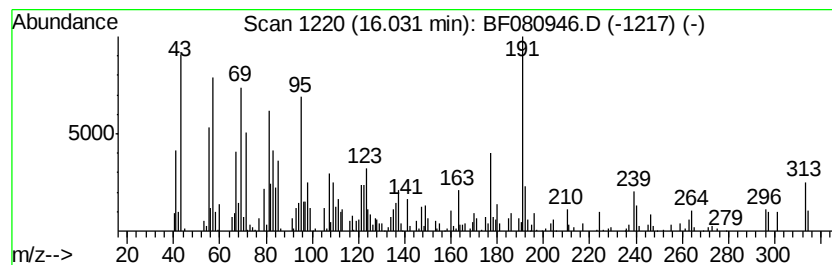
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown16.03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	7.21 ng	121650	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	27
2		Benzonitrile, 4-(4'-ethyl[1,1'-b...	313	C21H28FN	100822-13-7	25
3		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	22
4		9-Undecenal, 2,6,10-trimethyl-	210	C14H26O	000141-13-9	20
5		5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080715\
Data File : BF080946.D
Acq On : 8 Aug 2015 3:09
Operator : TP/UM
Sample : G3210-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

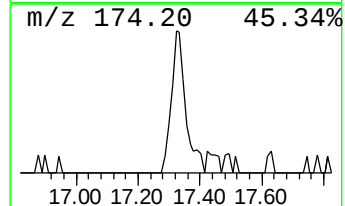
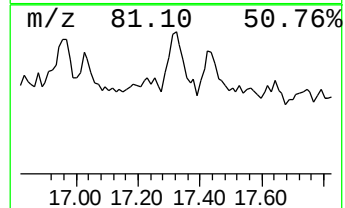
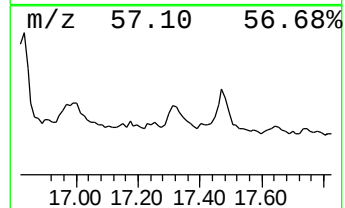
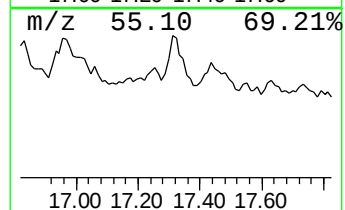
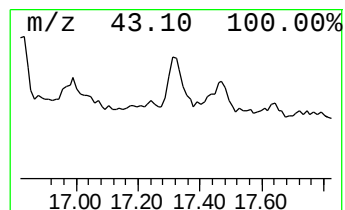
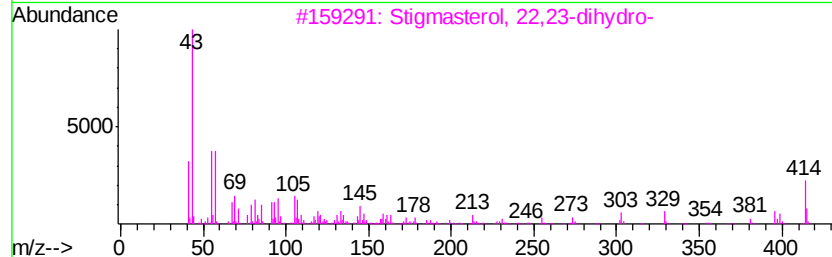
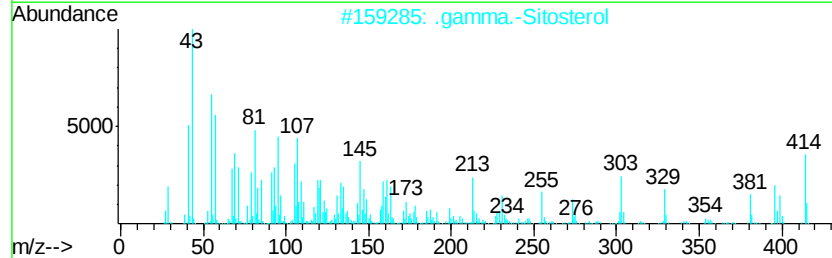
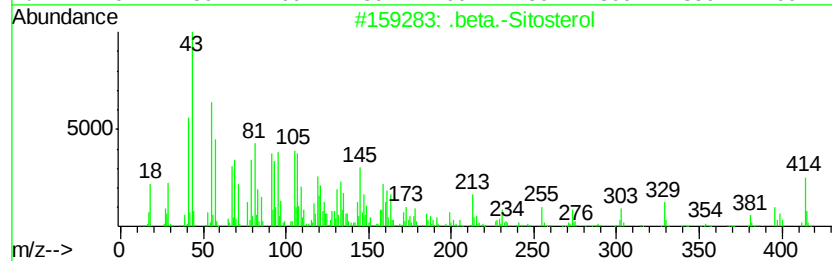
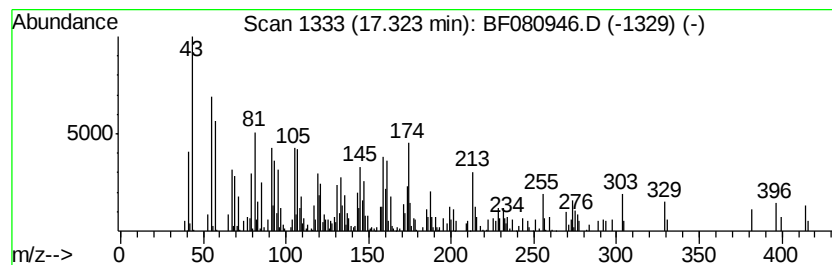
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BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 .beta.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	21.15 ng	356732	Perylene-d12	15.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Sitosterol	414 C29H50O	000083-46-5 94
2		.gamma.-Sitosterol	414 C29H50O	000083-47-6 91
3		Stigmasterol, 22,23-dihydro-	414 C29H50O	1000214-20-7 74
4		Cholest-5-ene, 3-ethoxy-, (3.bet...	414 C29H50O	000986-19-6 42
5		Stigmastan-3,5-diene	396 C29H48	1000214-16-4 38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080946.D
Acq On : 8 Aug 2015 3:09
Operator : TP/UM
Sample : G3210-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1

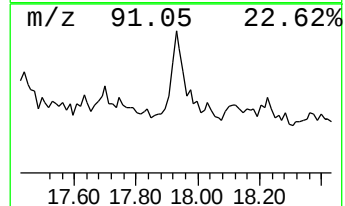
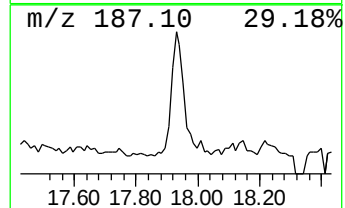
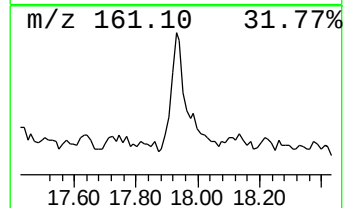
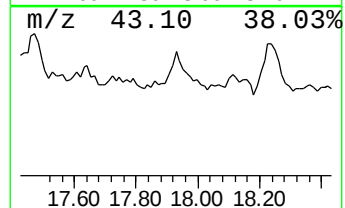
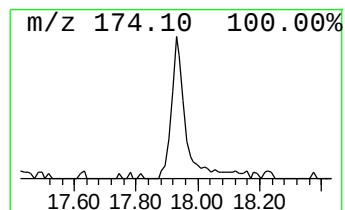
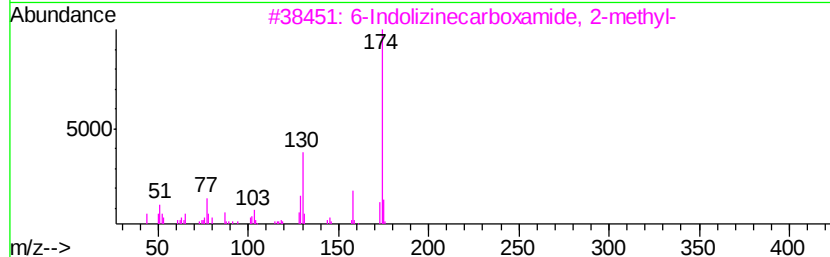
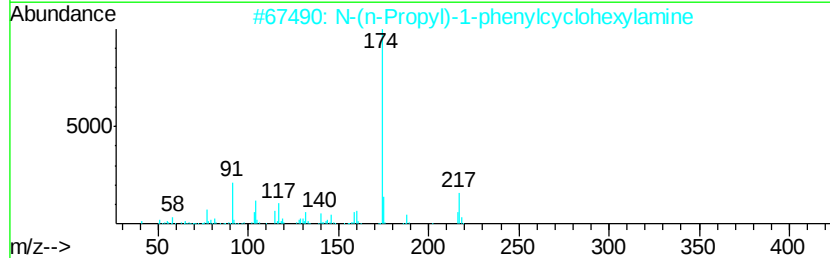
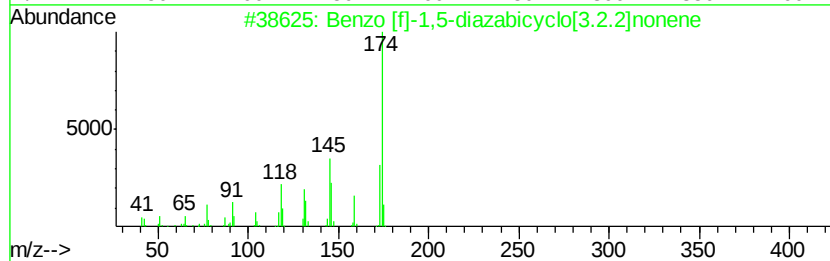
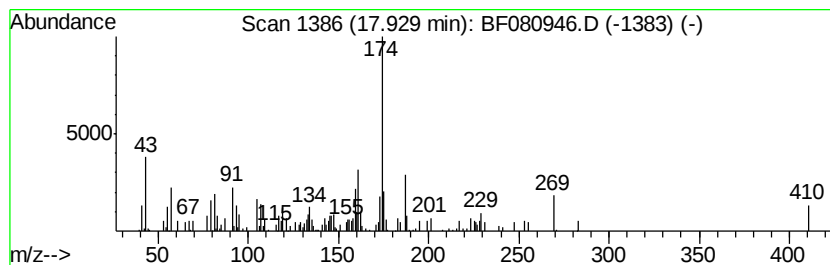
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.93 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	7.93 ng	133807	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo [f]1,5-diazabicyclo[3.2.2]nonene	174	C11H14N2	007092-76-4	43
2			N-(n-Propyl)-1-phenylcyclohexylamine	217	C15H23N	018949-81-0	43
3			6-Indolizinecarboxamide, 2-methyl-	174	C10H10N2O	022380-20-7	43
4			5-Methyl-5,8-dihydro-1,4-naphtho[2,3-b]pyridine	174	C11H10O2	086759-40-2	43
5			8-Amino-6-methoxyquinoline	174	C10H10N2O	000090-52-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080715\
 Data File : BF080946.D
 Acq On : 8 Aug 2015 3:09
 Operator : TP/UM
 Sample : G3210-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 670UNDERCLIFF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.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
2-Pentanone, 4-hy...	4.98	69.0	ng	1329490	1	6.81	385077	20.0
unknown6.58	6.58	91.9	ng	1769420	1	6.81	385077	20.0
7-Heptadecene, 17...	11.83	15.1	ng	477300	4	11.32	630646	20.0
n-Hexadecanoic acid	11.87	33.9	ng	1067280	4	11.32	630646	20.0
Eicosane	12.03	6.4	ng	200808	4	11.32	630646	20.0
Tetradecanoic acid	12.65	9.9	ng	626842	5	13.95	1260870	20.0
Tridecane, 3-methyl-	13.48	4.6	ng	290107	5	13.95	1260870	20.0
1-Docosene	13.84	7.9	ng	499438	5	13.95	1260870	20.0
Heptacosane	14.73	9.2	ng	155108	6	15.37	337360	20.0
Octacosane	15.05	15.1	ng	254113	6	15.37	337360	20.0
17-Pentatriacontene	15.11	9.5	ng	160221	6	15.37	337360	20.0
Perylene	15.24	6.3	ng	106859	6	15.37	337360	20.0
unknown15.59	15.59	4.7	ng	78769	6	15.37	337360	20.0
Pentadecane, 8-he...	15.81	16.4	ng	277306	6	15.37	337360	20.0
3-Eicosene, (E)-	15.91	8.2	ng	137539	6	15.37	337360	20.0
unknown15.95	15.95	8.5	ng	143921	6	15.37	337360	20.0
unknown16.03	16.03	7.2	ng	121650	6	15.37	337360	20.0
.beta.-Sitosterol	17.32	21.1	ng	356732	6	15.37	337360	20.0
unknown17.93	17.93	7.9	ng	133807	6	15.37	337360	20.0