

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086019.D
 Acq On : 2 Apr 2016 18:46
 Operator : UM/SJ
 Sample : H2028-03
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W3DAY1

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-BF040216.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	4.933	246	249	256	rBV	297516	424678	1.67%	0.273%
2	5.184	256	271	273	rVV	70996	437487	1.72%	0.282%
3	5.321	273	283	285	rVV2	80558	374522	1.47%	0.241%
4	5.367	285	287	298	rVB	462450	514116	2.02%	0.331%
5	5.710	315	317	321	rVV	280679	312132	1.23%	0.201%
6	6.293	354	368	370	rBV	195195	912794	3.58%	0.588%
7	6.430	376	380	382	rBV2	1062579	1401813	5.50%	0.902%
8	6.544	387	390	393	rVV2	960582	1537697	6.04%	0.990%
9	6.773	408	410	412	rBV	758209	691232	2.71%	0.445%
10	6.842	414	416	419	rBV	416472	522860	2.05%	0.337%
11	6.922	422	423	426	rBV	1009292	1265365	4.97%	0.815%
12	7.196	443	447	451	rBV2	1328529	1841298	7.23%	1.185%
13	7.344	455	460	462	rVV2	810814	1370842	5.38%	0.882%
14	7.390	462	464	466	rVV	411914	364715	1.43%	0.235%
15	7.527	474	476	480	rVV2	352012	544965	2.14%	0.351%
16	7.927	499	511	514	rBV2	797577	3373507	13.25%	2.172%
17	7.973	514	515	520	rVB	386855	437427	1.72%	0.282%
18	8.053	520	522	524	rBV	754249	915997	3.60%	0.590%
19	8.087	524	525	527	rVB	1116413	818179	3.21%	0.527%
20	8.190	532	534	536	rBV	227078	288241	1.13%	0.186%
21	8.225	536	537	541	rVB	659522	651467	2.56%	0.419%
22	8.385	546	551	554	rBV	639022	1468846	5.77%	0.946%
23	8.487	554	560	562	rBV	780472	1521253	5.97%	0.979%
24	8.659	573	575	577	rBV	246084	260054	1.02%	0.167%
25	8.705	577	579	582	rVB	1426510	1198828	4.71%	0.772%
26	8.899	591	596	599	rBV	634693	1071757	4.21%	0.690%
27	9.059	599	610	612	rVV	1407093	3961304	15.56%	2.550%
28	9.139	614	617	618	rVV	1335953	1910704	7.50%	1.230%
29	9.527	649	651	656	rVB	328264	447255	1.76%	0.288%
30	9.630	657	660	662	rVV	2382969	2821950	11.08%	1.817%
31	9.813	674	676	681	rVV	1171467	1554765	6.11%	1.001%
32	10.099	688	701	703	rVV	2476195	8760450	34.40%	5.639%
33	10.145	703	705	706	rVV	514974	525881	2.07%	0.339%
34	10.248	710	714	715	rVV2	179566	312147	1.23%	0.201%

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35	10.522	736	738	742	rVB	449753	444807	1.75%	0.286%
36	10.602	742	745	746	rBV	658782	872498	3.43%	0.562%
37	10.625	746	747	749	rVV	2171294	1859194	7.30%	1.197%
38	10.682	749	752	754	rVV3	122916	349655	1.37%	0.225%
39	10.819	759	764	766	rVV3	582459	1021089	4.01%	0.657%
40	10.911	769	772	773	rVV2	154540	316701	1.24%	0.204%
41	10.945	773	775	776	rVV	289419	508003	1.99%	0.327%
42	11.025	776	782	784	rVV	2963834	7245416	28.45%	4.664%
43	11.093	785	788	791	rVV	865248	1174134	4.61%	0.756%
44	11.299	801	806	808	rVV2	948977	1633217	6.41%	1.051%
45	11.425	814	817	819	rBV	1233770	1326447	5.21%	0.854%
46	11.528	824	826	829	rVB	920434	932471	3.66%	0.600%
47	11.699	837	841	844	rBV2	574831	778038	3.06%	0.501%
48	11.779	844	848	851	rVV	762180	2400994	9.43%	1.546%
49	11.916	851	860	862	rVV	4712817	19243802	75.57%	12.388%
50	11.996	866	867	869	rVV	595885	686162	2.69%	0.442%
51	12.076	871	874	875	rVV	150428	294377	1.16%	0.189%
52	12.111	875	877	879	rVV	268517	518020	2.03%	0.333%
53	12.179	881	883	885	rVV	170818	295473	1.16%	0.190%
54	12.248	887	889	895	rVV2	401791	793357	3.12%	0.511%
55	12.351	895	898	900	rVV2	313828	456632	1.79%	0.294%
56	12.625	911	922	924	rBV3	4824819	25465467	100.00%	16.393%
57	12.694	924	928	930	rVV	4146315	9929671	38.99%	6.392%
58	12.751	931	933	935	rVV2	549247	1189158	4.67%	0.765%
59	12.785	935	936	939	rVV	587292	816459	3.21%	0.526%
60	12.876	942	944	946	rVV	1237862	1505378	5.91%	0.969%
61	12.911	946	947	953	rVV	297777	477069	1.87%	0.307%
62	13.036	955	958	960	rVB	431230	483321	1.90%	0.311%
63	13.265	976	978	983	rVB4	262909	532297	2.09%	0.343%
64	13.345	983	985	987	rBV2	320265	570767	2.24%	0.367%
65	13.711	1016	1017	1021	rVV2	211308	430693	1.69%	0.277%
66	13.779	1021	1023	1025	rVB	399297	395689	1.55%	0.255%
67	13.916	1032	1035	1040	rBV	3643405	6222645	24.44%	4.006%
68	13.997	1040	1042	1044	rVV2	171369	255363	1.00%	0.164%
69	14.042	1044	1046	1049	rVV2	214114	277008	1.09%	0.178%
70	14.557	1089	1091	1093	rVV	404987	428585	1.68%	0.276%
71	14.762	1106	1109	1112	rBV	2310210	2540809	9.98%	1.636%

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72	14.865	1116	1118	1123	rVB2	383004	657627	2.58%	0.423%
73	15.082	1135	1137	1141	rBV	204871	316501	1.24%	0.204%
74	15.208	1142	1148	1156	rVB5	303124	1037690	4.07%	0.668%
75	15.334	1156	1159	1164	rVB	501689	790193	3.10%	0.509%
76	15.460	1168	1170	1173	rVB	185513	293277	1.15%	0.189%
77	15.734	1191	1194	1197	rBV	341121	580797	2.28%	0.374%
78	15.962	1211	1214	1220	rBV2	1533720	3660170	14.37%	2.356%
79	16.054	1220	1222	1225	rVB2	176215	300769	1.18%	0.194%
80	16.145	1225	1230	1233	rBV2	1585047	3798240	14.92%	2.445%
81	16.683	1274	1277	1279	rBV	118154	268667	1.06%	0.173%
82	16.808	1285	1288	1296	rVB2	157603	438437	1.72%	0.282%
83	16.980	1298	1303	1305	rBV3	227793	597049	2.34%	0.384%
84	17.037	1305	1308	1314	rVV	272734	779146	3.06%	0.502%
85	17.151	1314	1318	1319	rVV	169572	420955	1.65%	0.271%
86	17.197	1319	1322	1328	rVB3	346254	1021817	4.01%	0.658%
87	17.723	1364	1368	1375	rVV	85148	255905	1.00%	0.165%
88	18.523	1434	1438	1445	rVV2	91785	381209	1.50%	0.245%
89	18.683	1449	1452	1467	rVB5	65118	261360	1.03%	0.168%

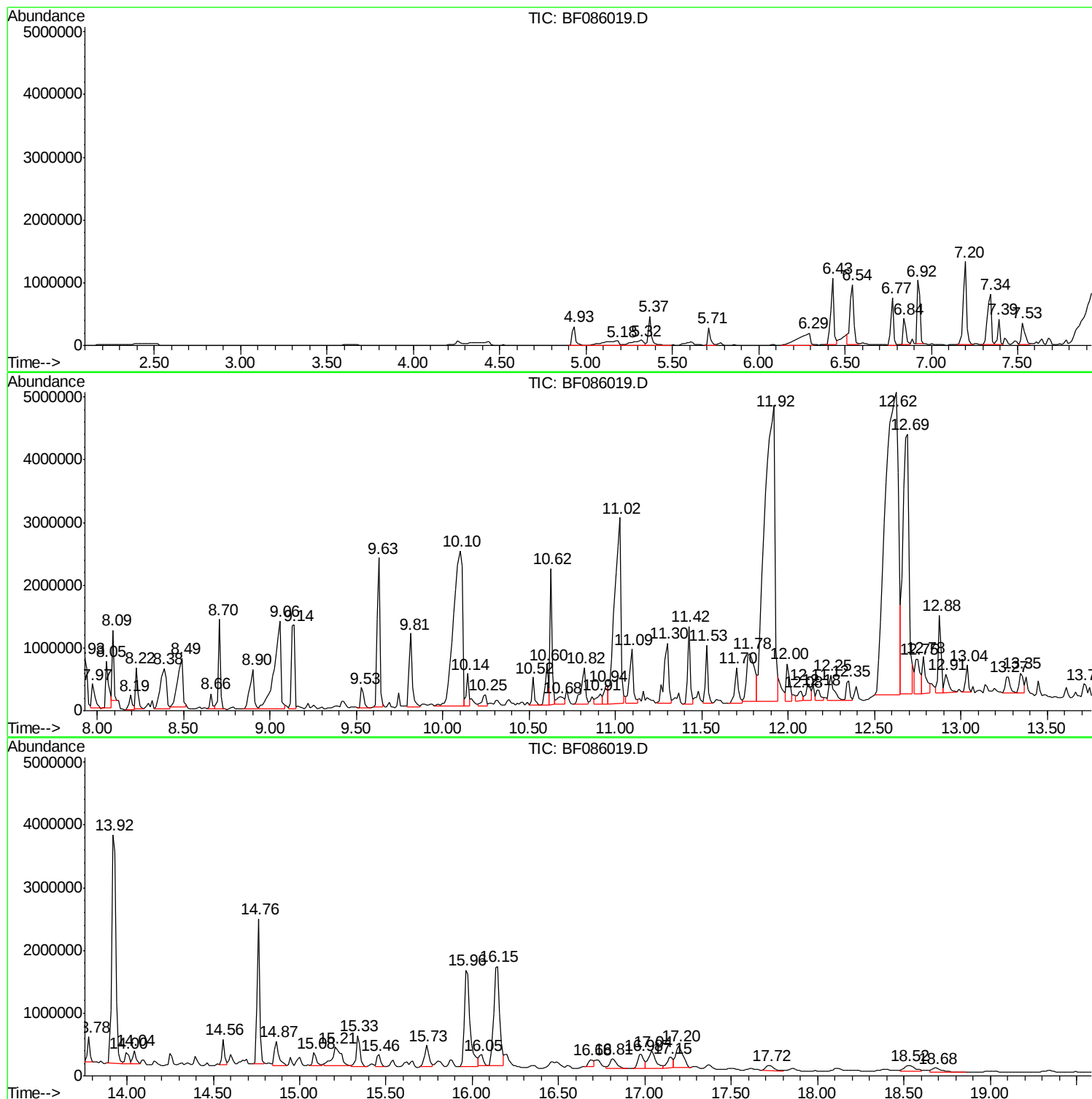
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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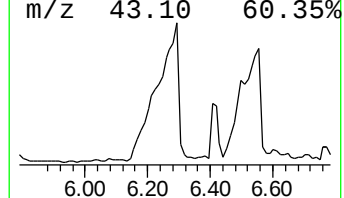
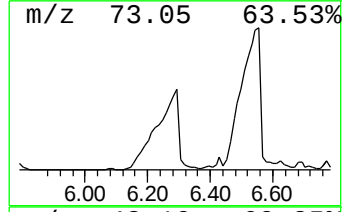
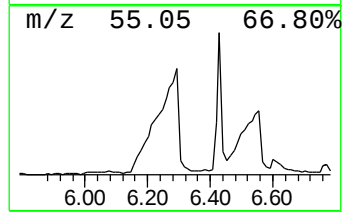
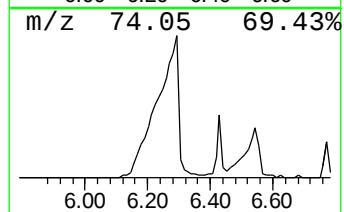
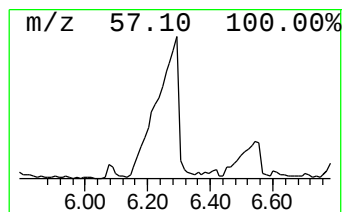
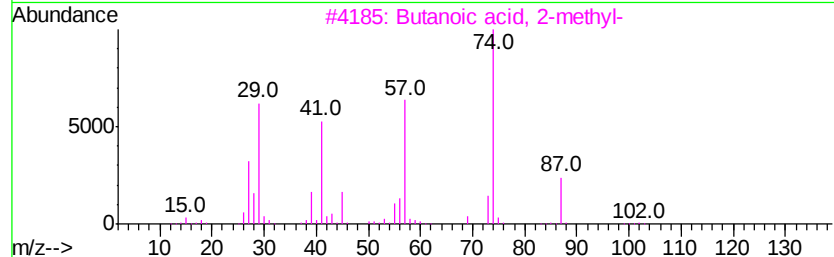
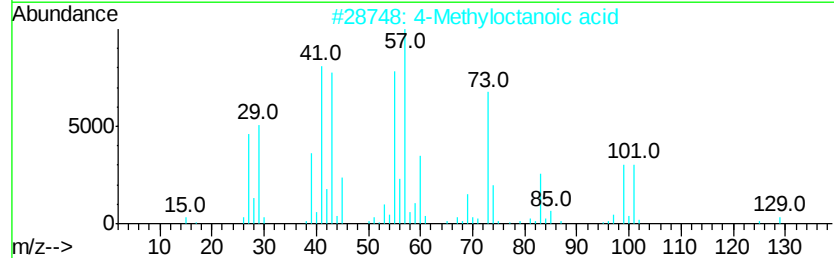
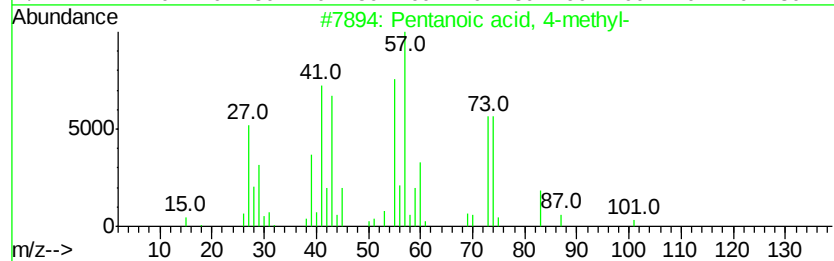
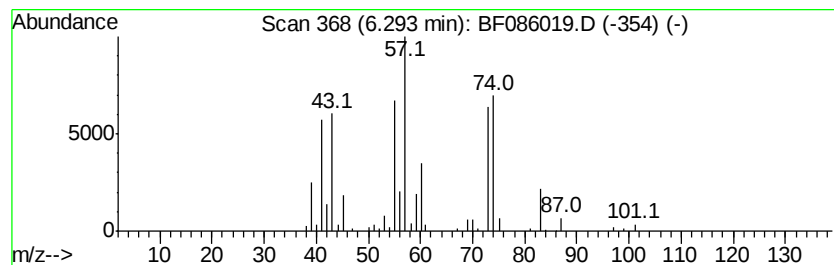
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Pentanoic acid, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	26.41 ng	912794	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	90
2		4-Methyloctanoic acid	158	C9H18O2	054947-74-9	40
3		Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	25
4		Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	12
5		Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	10



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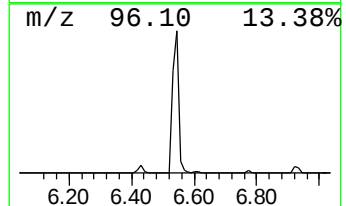
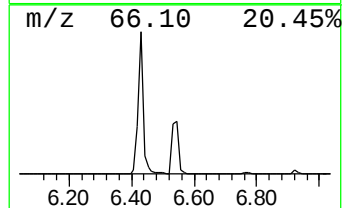
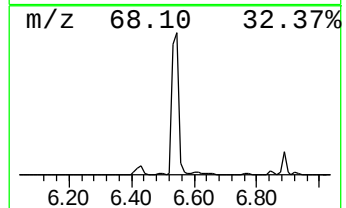
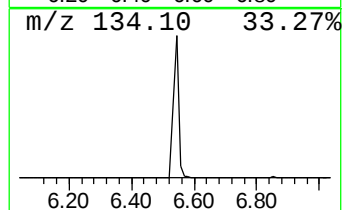
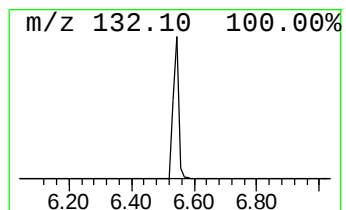
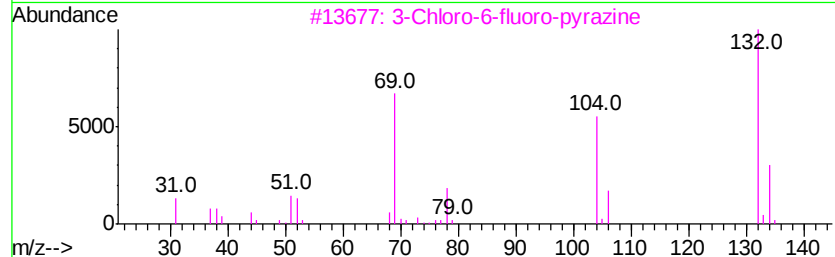
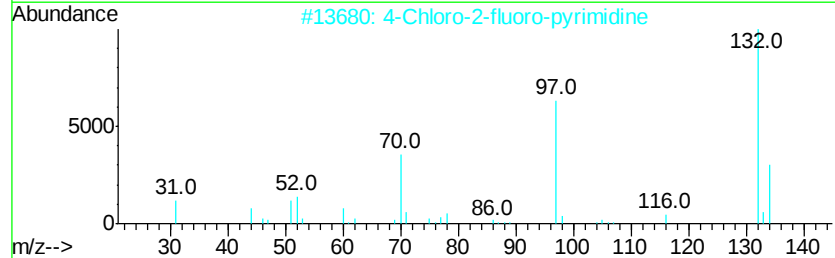
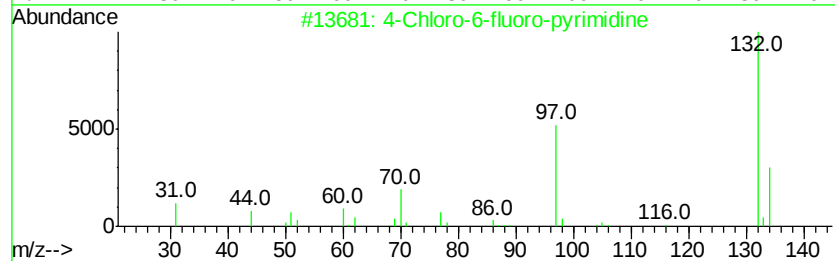
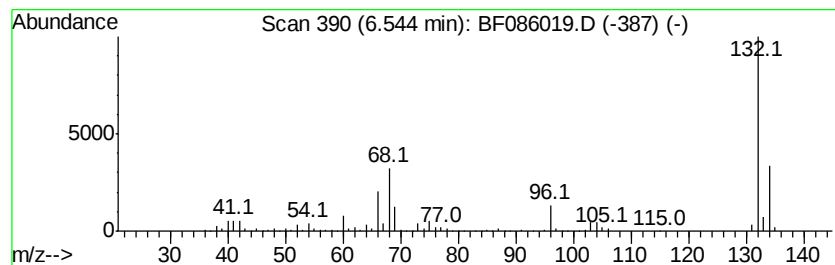
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.54 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	44.49 ng	1537700	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	35
2		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	25
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17



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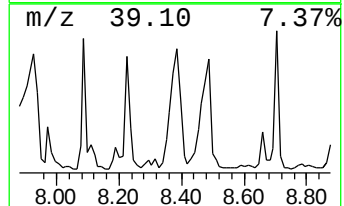
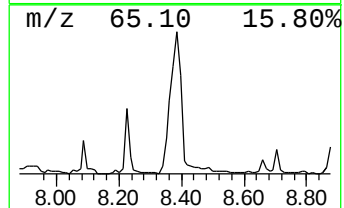
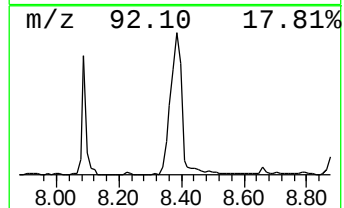
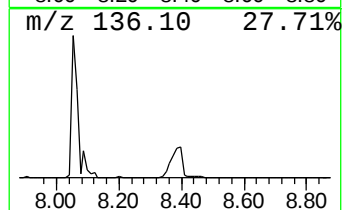
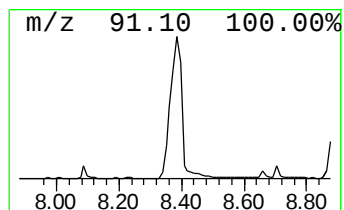
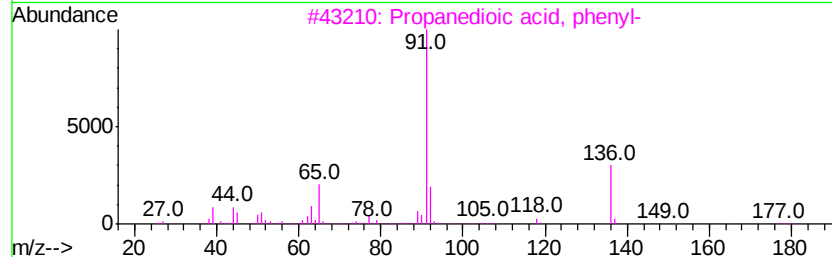
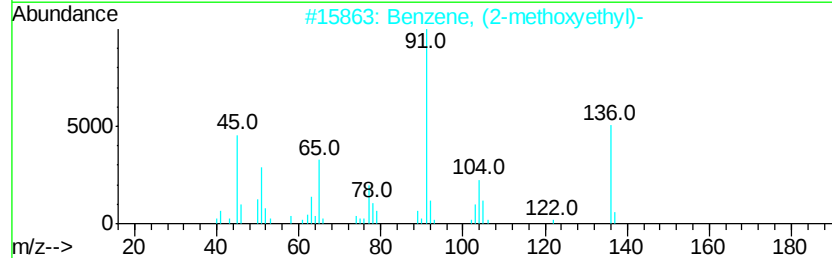
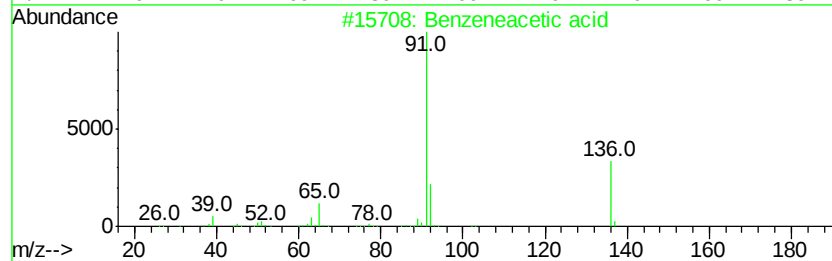
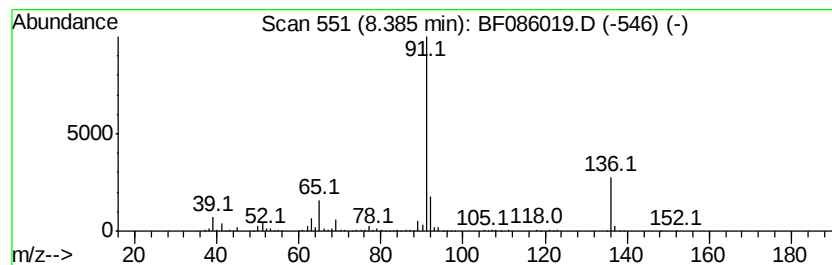
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzeneacetic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	32.07 ng	1468850	Napthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetic acid	136	C8H8O2	000103-82-2	87
2		Benzene, (2-methoxyethyl)-	136	C9H12O	003558-60-9	72
3		Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	50
4		Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	49
5		Benzeneacetaldehyde	120	C8H8O	000122-78-1	47



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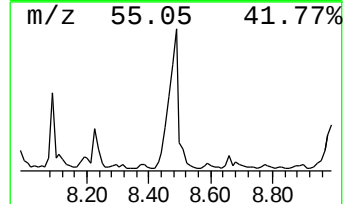
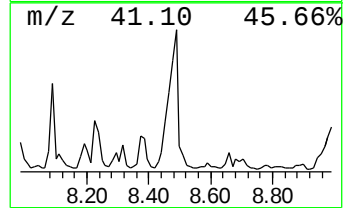
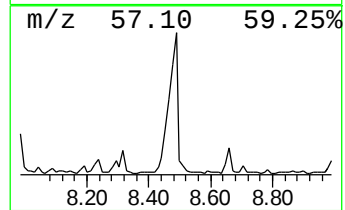
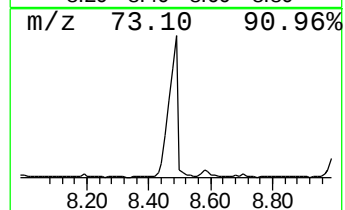
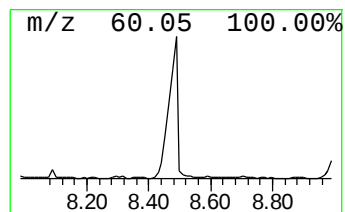
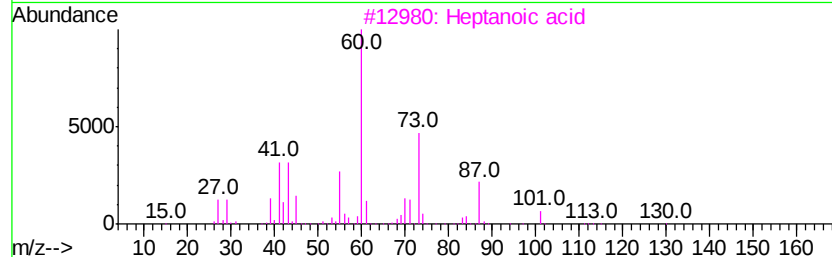
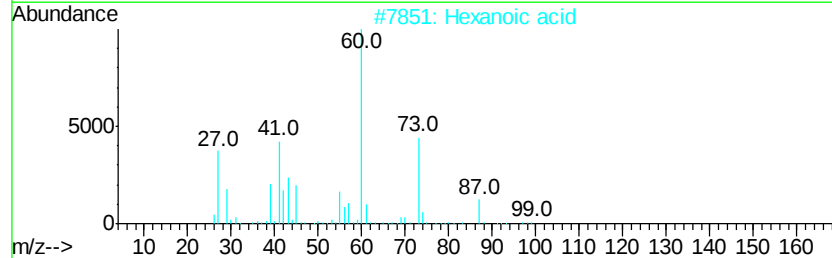
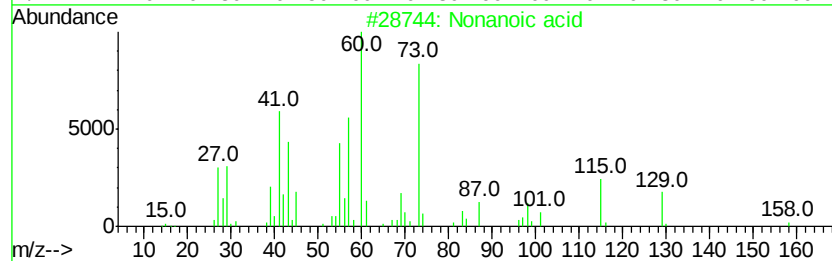
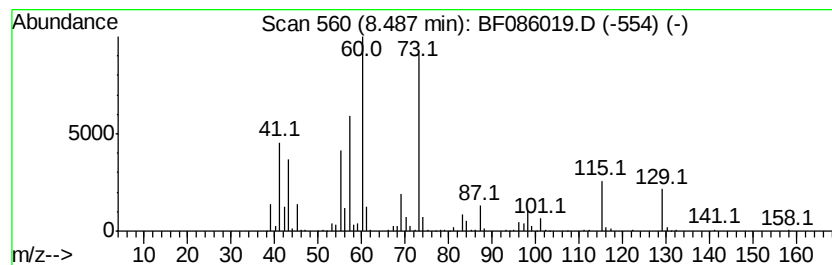
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	33.22 ng	1521250	Naphthalene-d8	8.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonanoic acid	158 C9H18O2	000112-05-0	86
2	Hexanoic acid	116 C6H12O2	000142-62-1	50
3	Heptanoic acid	130 C7H14O2	000111-14-8	43
4	Pentanoic acid, 3-methyl-	116 C6H12O2	000105-43-1	43
5	Butanoic acid, 3-methyl-	102 C5H10O2	000503-74-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
Data File : BF086019.D
Acq On : 2 Apr 2016 18:46
Operator : UM/SJ
Sample : H2028-03
Misc :
ALS Vial : 55 Sample Multiplier: 1

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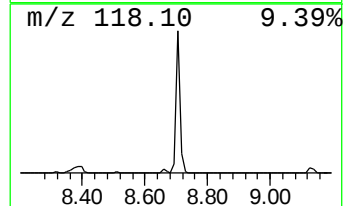
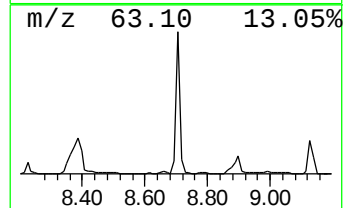
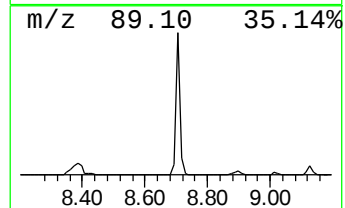
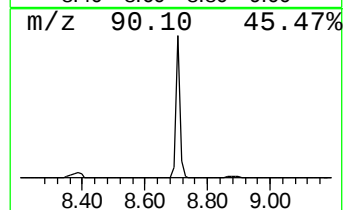
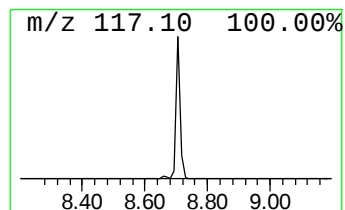
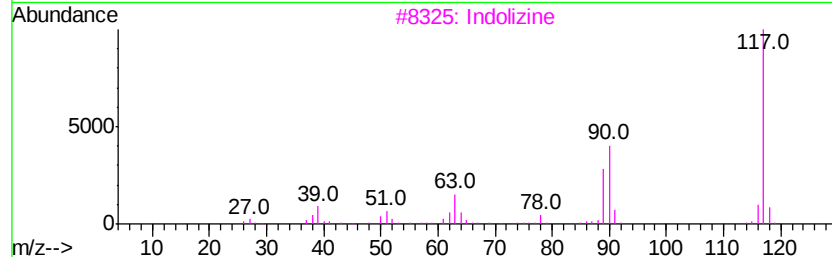
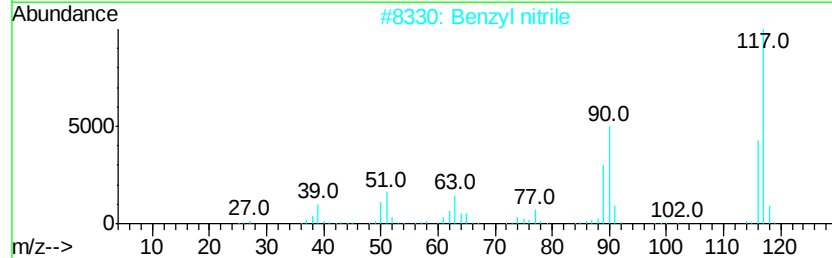
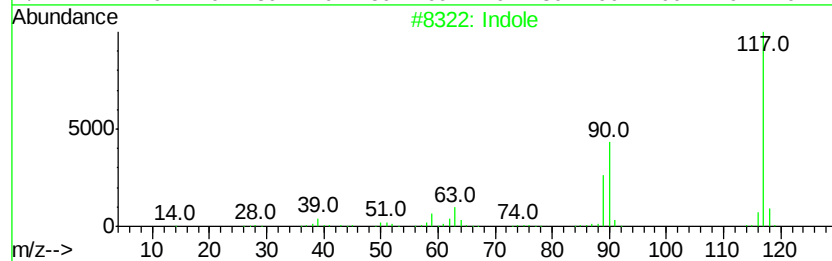
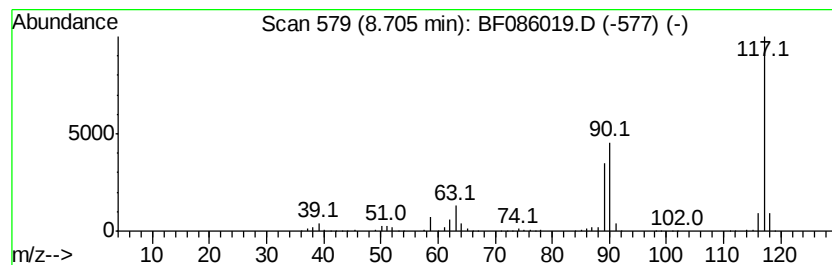
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Indole Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	26.18 ng	1198830	Naphthalene-d8	8.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole		117	C8H7N	000120-72-9	95
2	Benzyl nitrile		117	C8H7N	000140-29-4	91
3	Indolizine		117	C8H7N	000274-40-8	90
4	Benzene, 1-isocvano-2-methyl-		117	C8H7N	010468-64-1	87
5	5H-1-Pyridine		117	C8H7N	000270-91-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
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Acq On : 2 Apr 2016 18:46
Operator : UM/SJ
Sample : H2028-03
Misc :
ALS Vial : 55 Sample Multiplier: 1

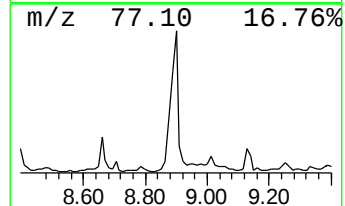
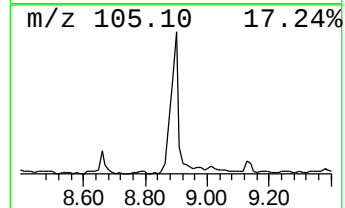
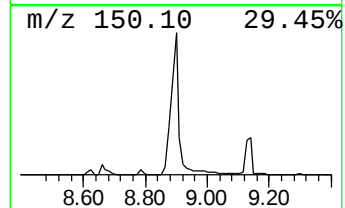
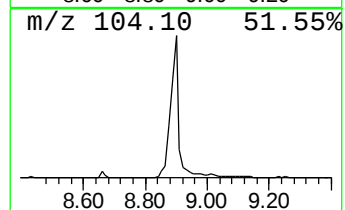
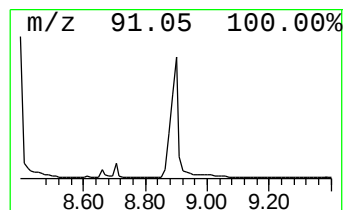
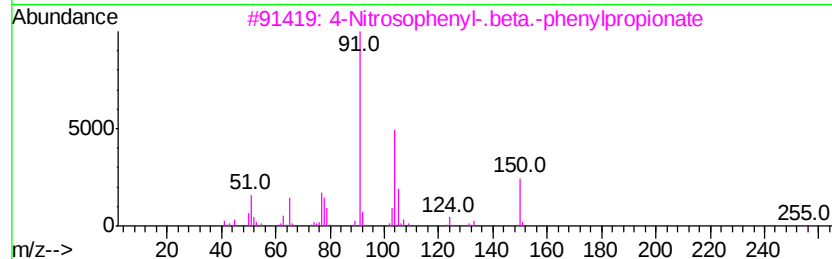
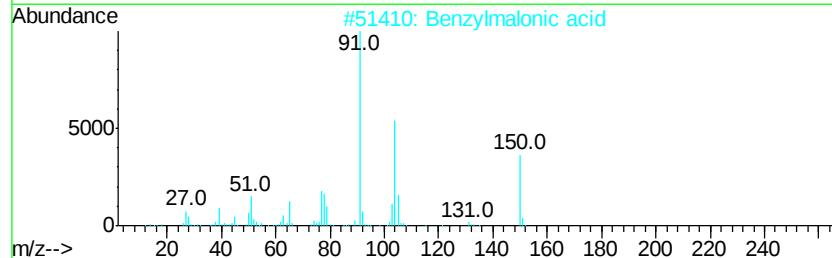
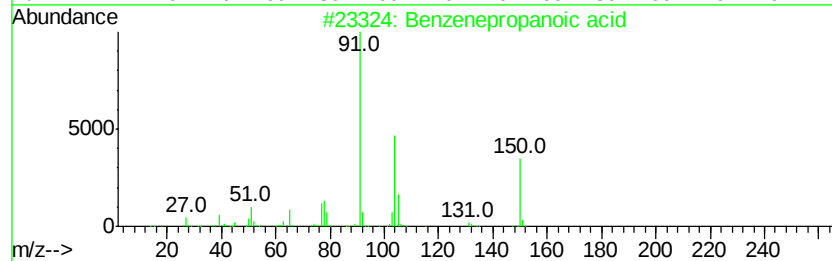
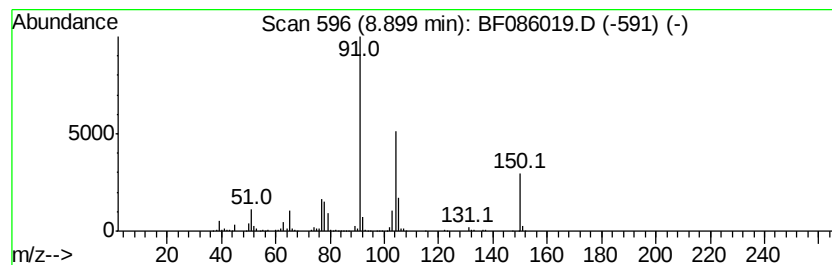
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzenepropanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	23.40 ng	1071760	Napthalene-d8	8.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzenepropanoic acid	150 C9H10O2	000501-52-0 93
2		Benzylmalonic acid	194 C10H10O4	000616-75-1 91
3		4-Nitrosophenyl-.beta.-phenylpro...	255 C15H13NO3	1000129-40-0 80
4		3-Phenyl-propionic acid, isoprop...	192 C12H16O2	022767-95-9 72
5		Acetic acid, trifluoro-, 2-pheny...	218 C10H9F3O2	055419-66-4 50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
Data File : BF086019.D
Acq On : 2 Apr 2016 18:46
Operator : UM/SJ
Sample : H2028-03
Misc :
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Instrument :
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ClientSampleId :
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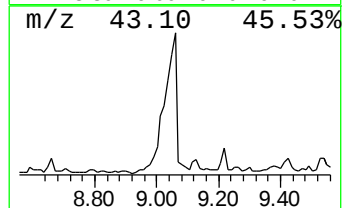
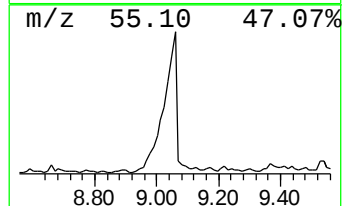
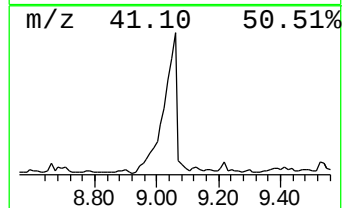
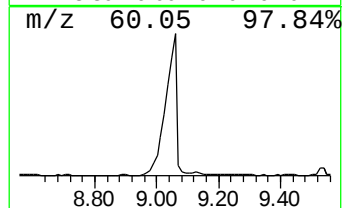
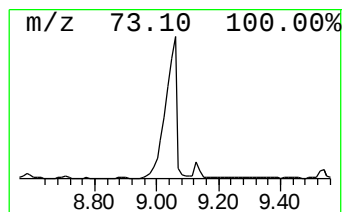
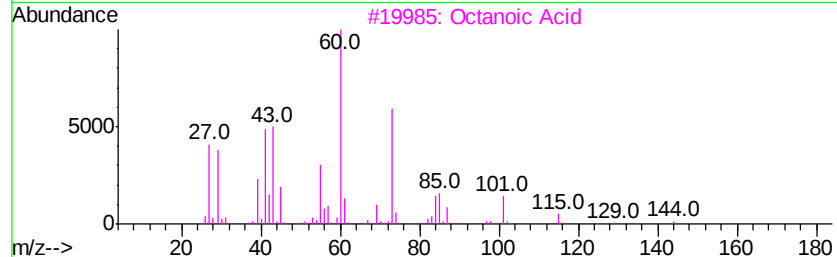
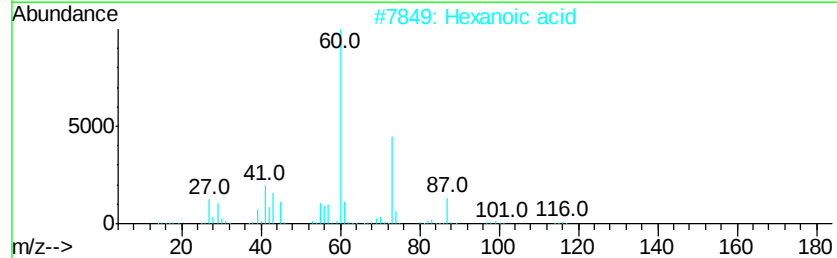
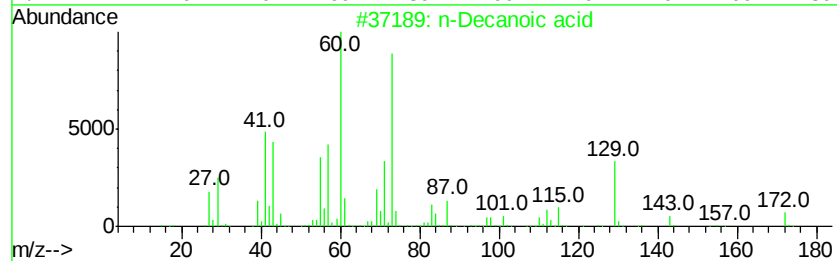
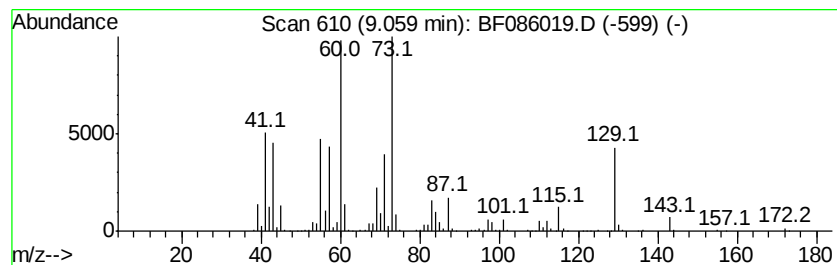
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Decanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	50.96 ng	3961300	Acenaphthene-d10	9.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	90	
2	Hexanoic acid	116	C6H12O2	000142-62-1	45	
3	Octanoic Acid	144	C8H16O2	000124-07-2	43	
4	Heptanoic acid	130	C7H14O2	000111-14-8	43	
5	.alpha.-d-Riboside, 1-O-dodecyl-	318	C17H34O5	1000154-76-8	42	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
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Acq On : 2 Apr 2016 18:46
Operator : UM/SJ
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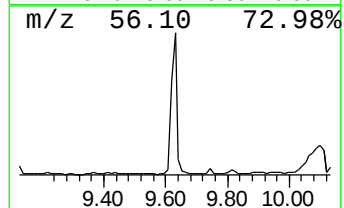
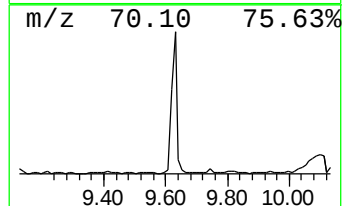
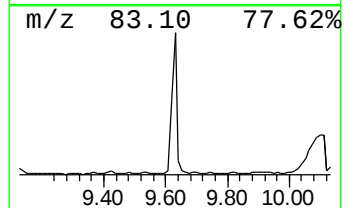
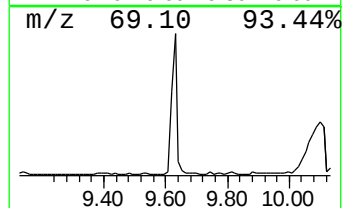
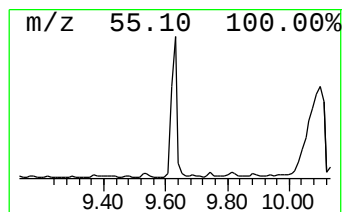
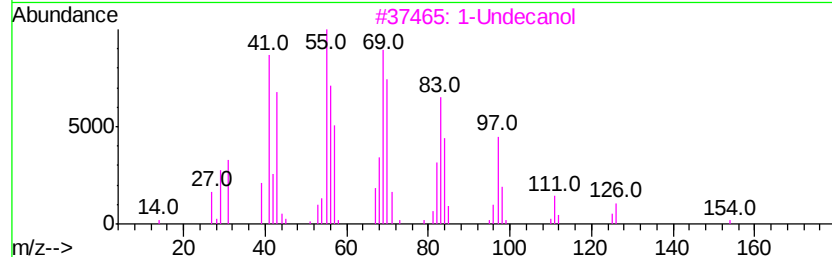
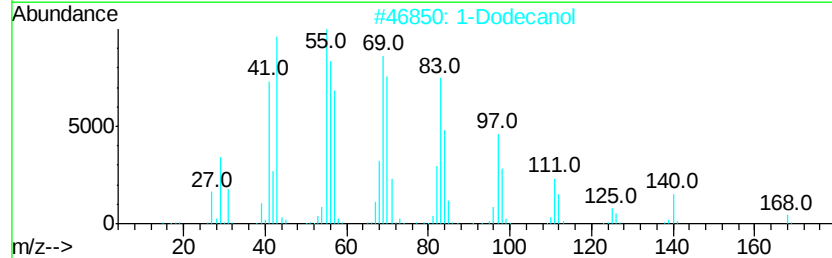
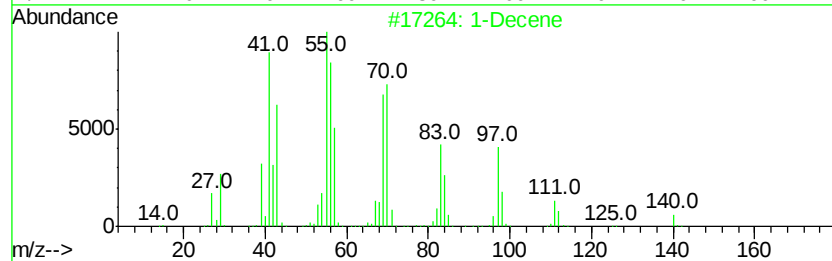
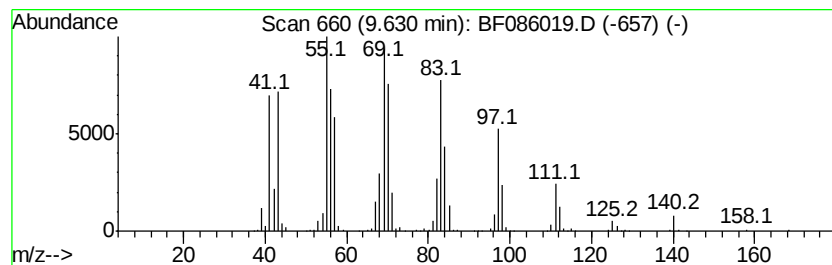
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Decene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	36.30 ng	2821950	Acenaphthene-d10	9.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Decene		140 C10H20	000872-05-9 95
2	1-Dodecanol		186 C12H26O	000112-53-8 91
3	1-Undecanol		172 C11H24O	000112-42-5 91
4	Pentafluoropropionic acid, undec...		318 C14H23F5O2	1000283-04-0 91
5	Cyclododecane		168 C12H24	000294-62-2 91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
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Misc :
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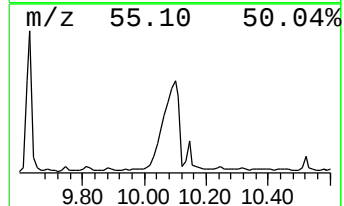
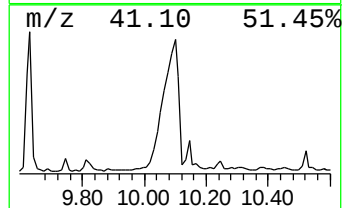
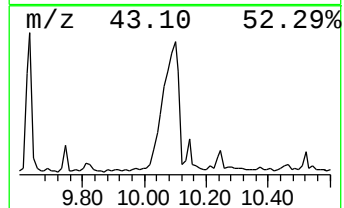
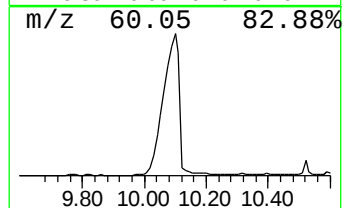
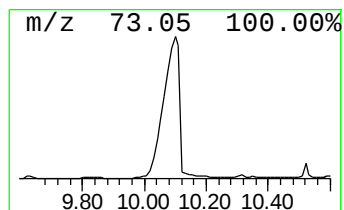
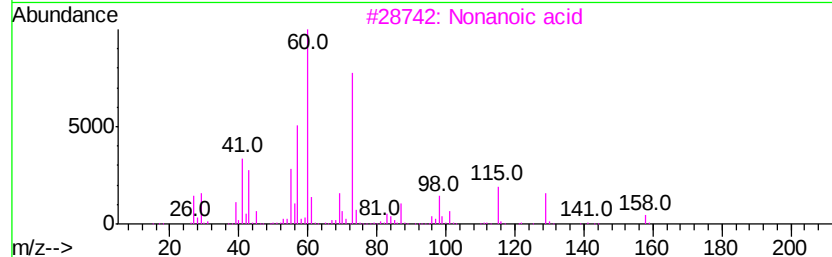
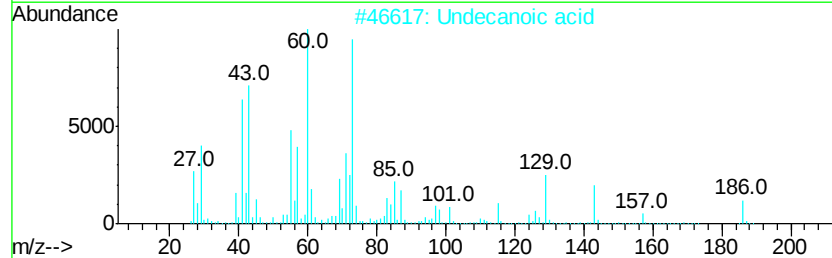
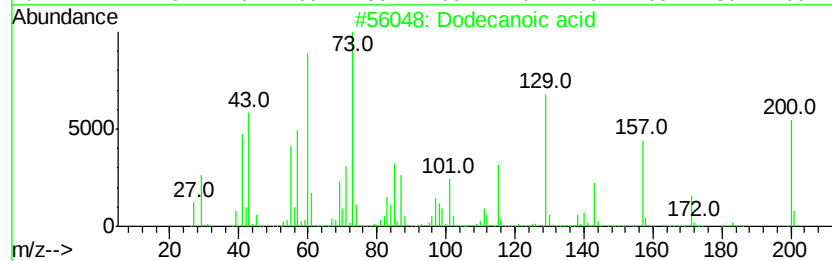
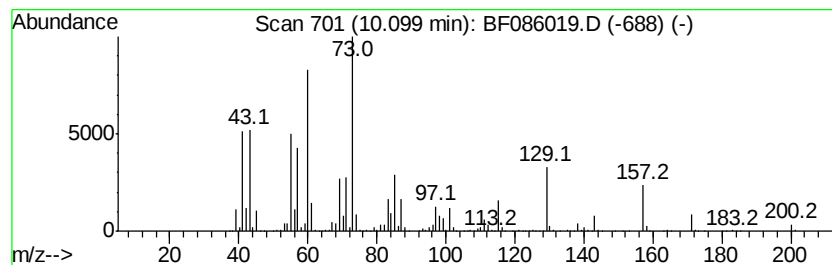
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	112.69 ng	8760450	Acenaphthene-d10	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid	200	C12H24O2	000143-07-7	94
2		Undecanoic acid	186	C11H22O2	000112-37-8	64
3		Nonanoic acid	158	C9H18O2	000112-05-0	58
4		n-Decanoic acid	172	C10H20O2	000334-48-5	53
5		Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
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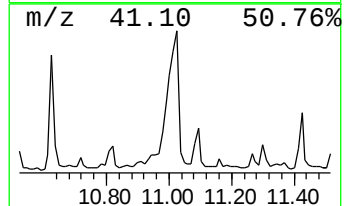
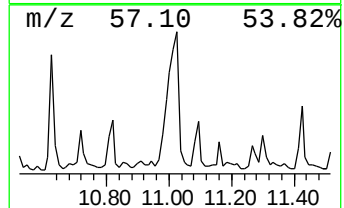
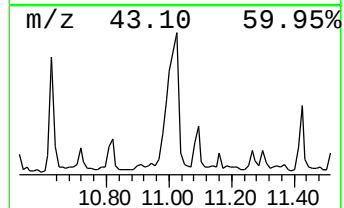
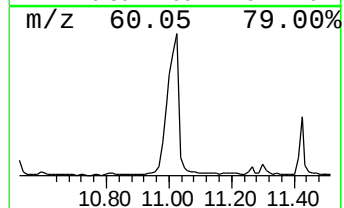
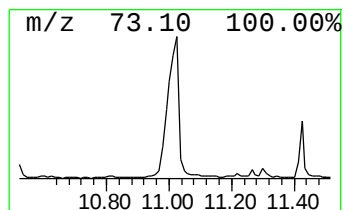
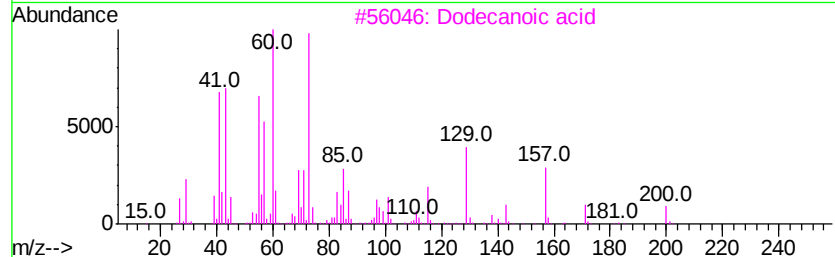
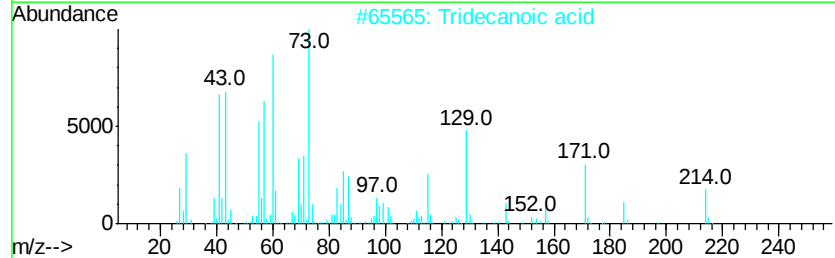
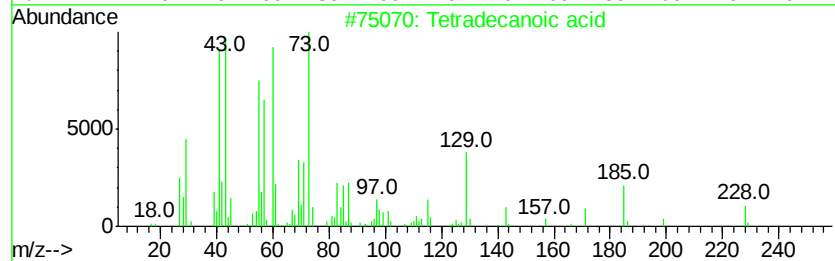
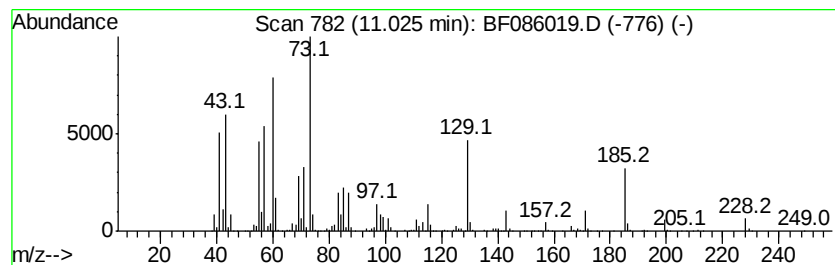
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	88.73 ng	7245420	Phenanthrene-d10	11.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		Dodecanoic acid	200	C12H24O2	000143-07-7	86
4		Undecanoic acid	186	C11H22O2	000112-37-8	68
5		n-Decanoic acid	172	C10H20O2	000334-48-5	59



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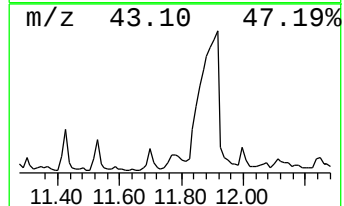
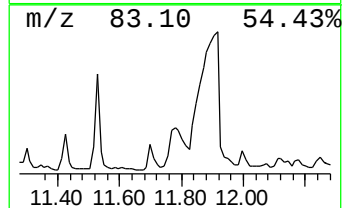
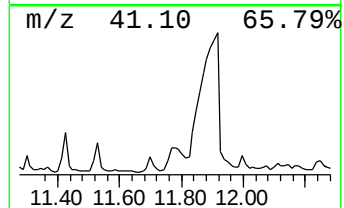
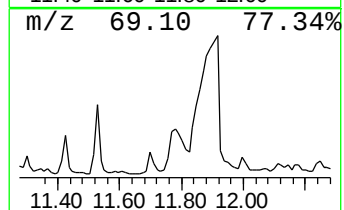
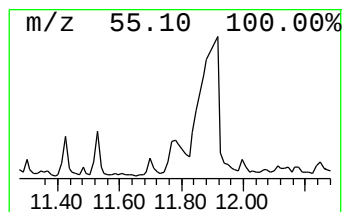
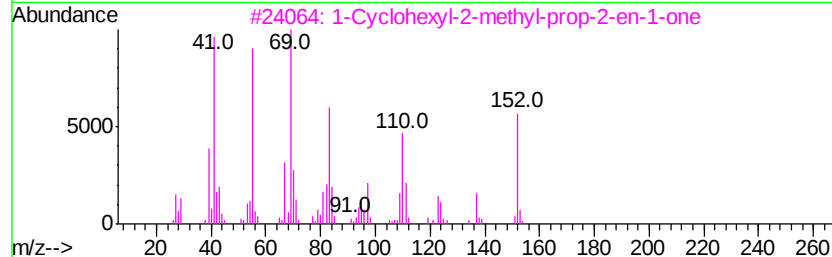
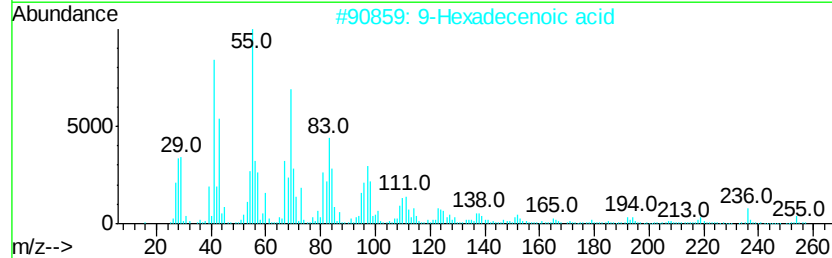
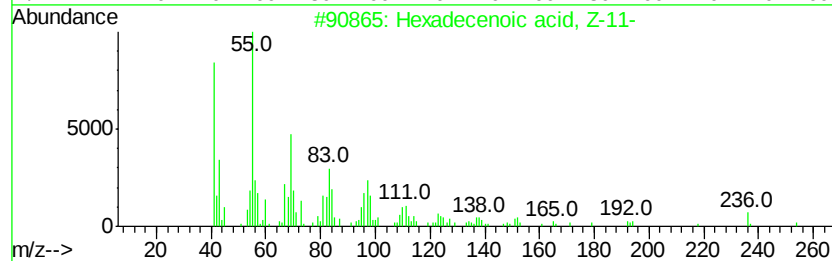
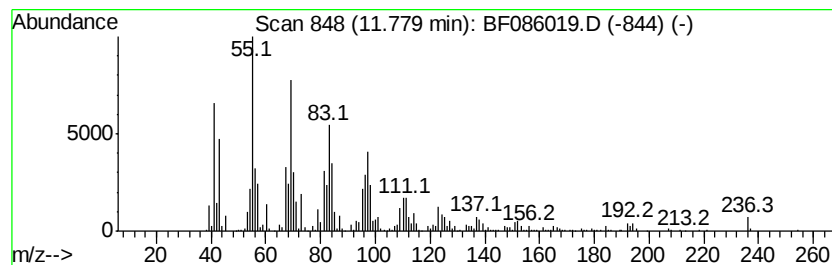
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecenoic acid, Z-11- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	29.40 ng	2400990	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	86
2		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	70
3		1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	50
4		13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	50
5		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
Data File : BF086019.D
Acq On : 2 Apr 2016 18:46
Operator : UM/SJ
Sample : H2028-03
Misc :
ALS Vial : 55 Sample Multiplier: 1

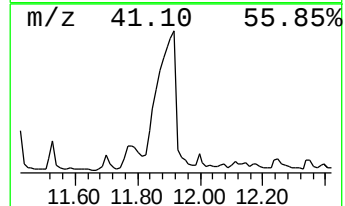
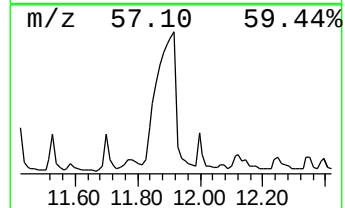
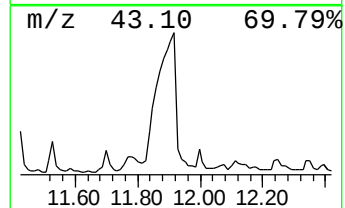
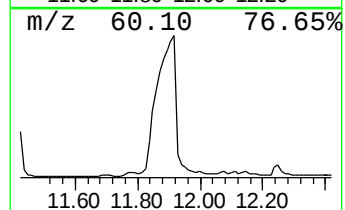
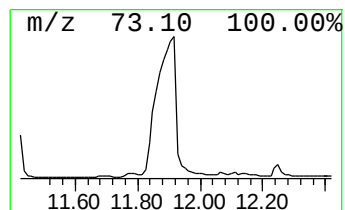
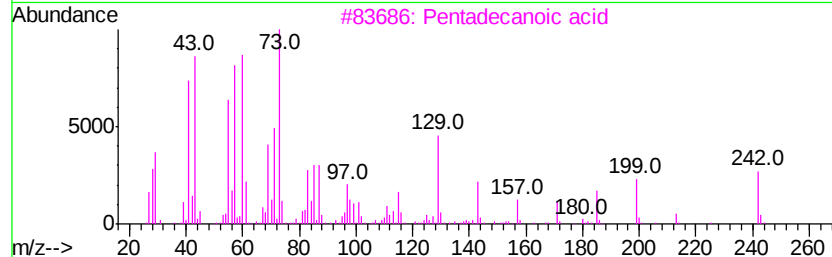
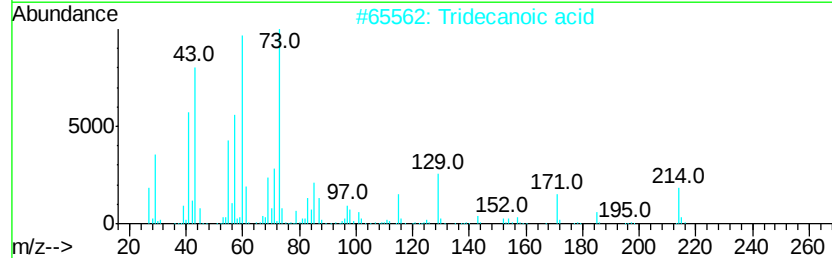
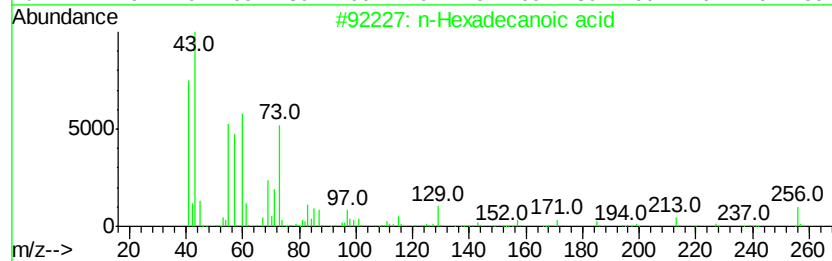
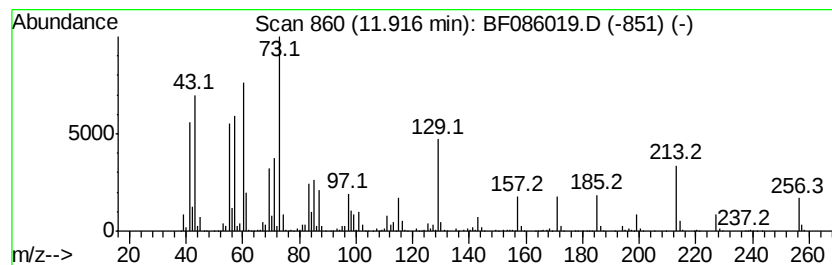
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.92	235.66 ng	19243800	Phenanthrene-d10		11.29	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
2	Tridecanoic acid		214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	80
5	n-Decanoic acid		172	C10H20O2	000334-48-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086019.D
Acq On : 2 Apr 2016 18:46
Operator : UM/SJ
Sample : H2028-03
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W3DAY1

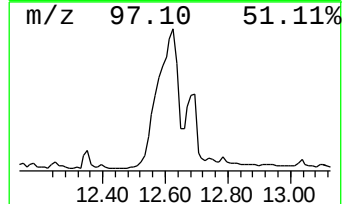
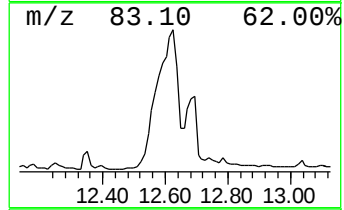
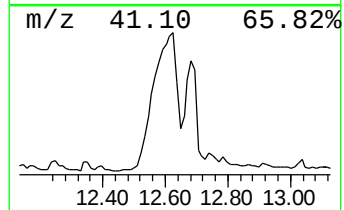
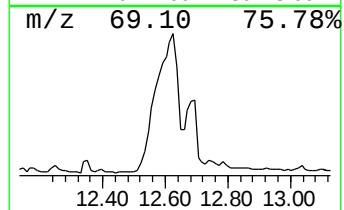
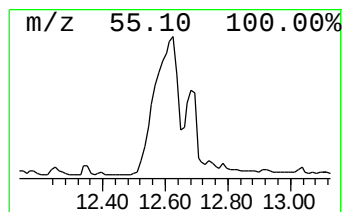
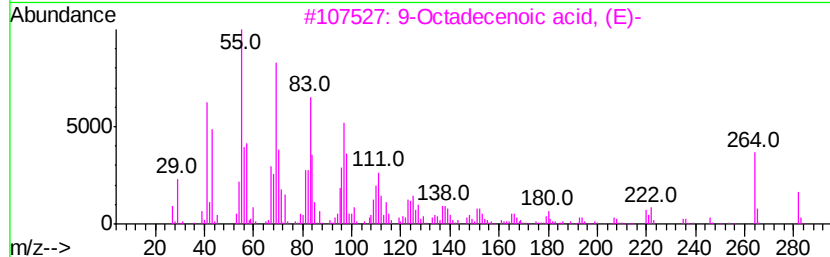
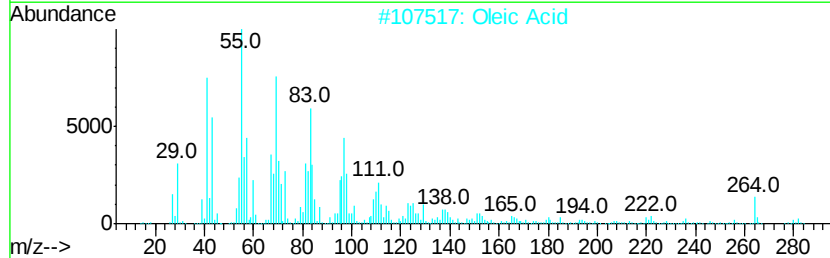
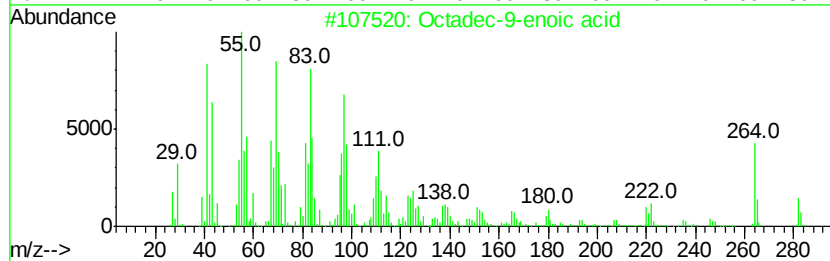
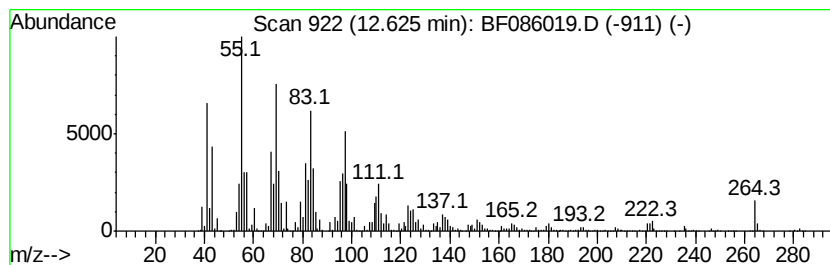
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadec-9-enoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	81.85 ng	25465500	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	91
2		Oleic Acid	282	C18H34O2	000112-80-1	87
3		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	70
4		1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	68
5		Cyclododecanemethanol	198	C13H26O	001892-12-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
Data File : BF086019.D
Acq On : 2 Apr 2016 18:46
Operator : UM/SJ
Sample : H2028-03
Misc :
ALS Vial : 55 Sample Multiplier: 1

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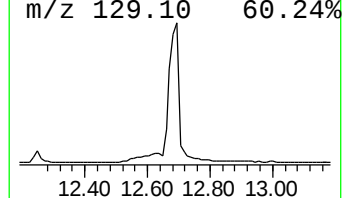
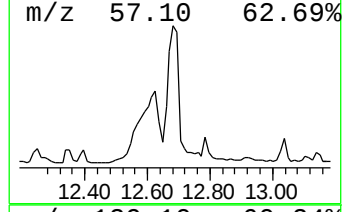
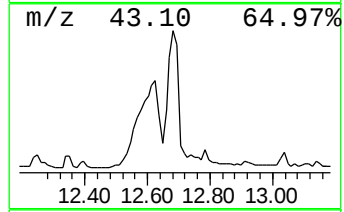
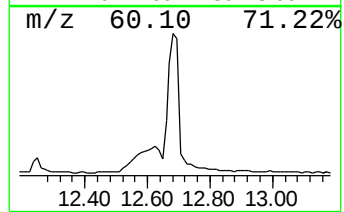
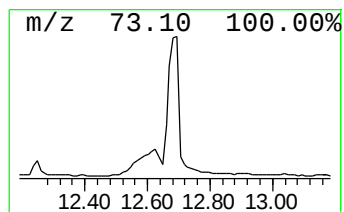
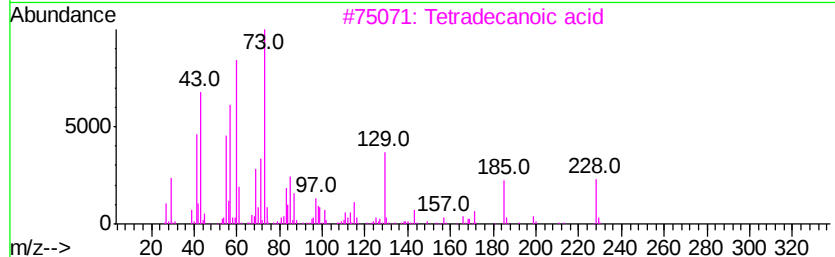
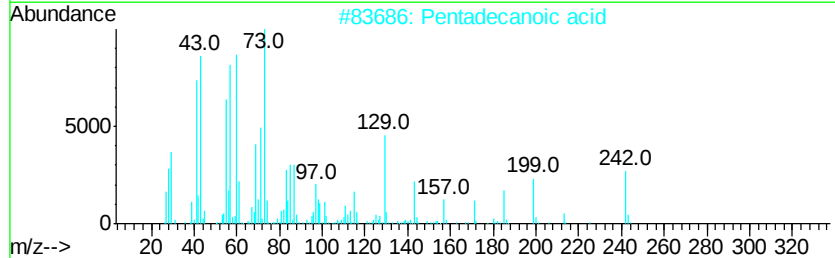
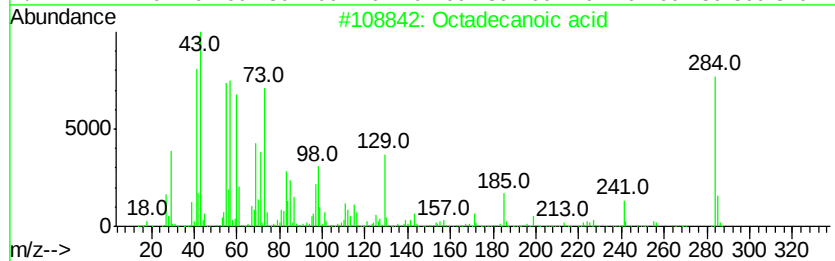
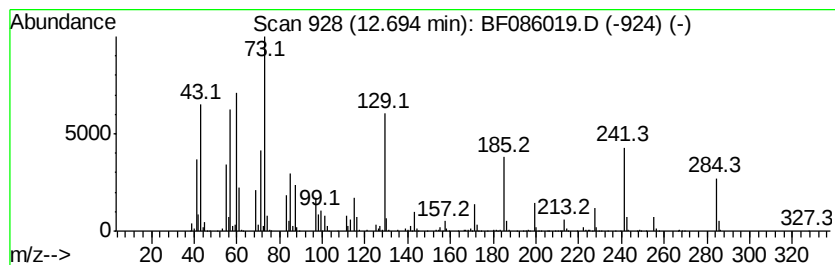
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	31.91 ng	9929670	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	81
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	60
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4		n-Decanoic acid	172	C10H20O2	000334-48-5	43
5		Tridecanoic acid	214	C13H26O2	000638-53-9	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086019.D
Acq On : 2 Apr 2016 18:46
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Sample : H2028-03
Misc :
ALS Vial : 55 Sample Multiplier: 1

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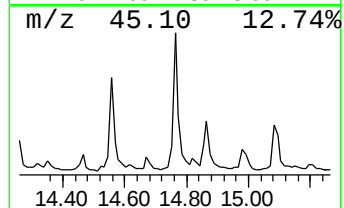
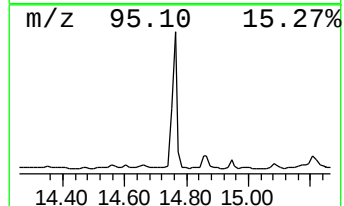
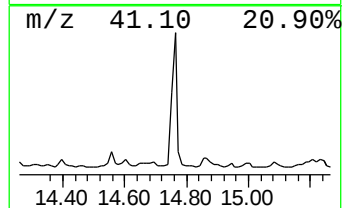
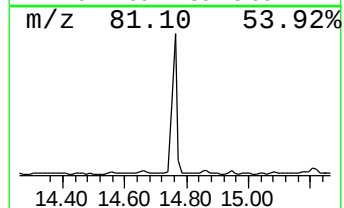
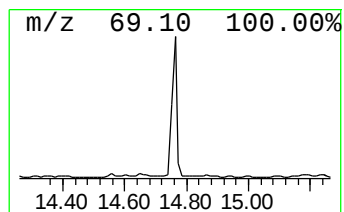
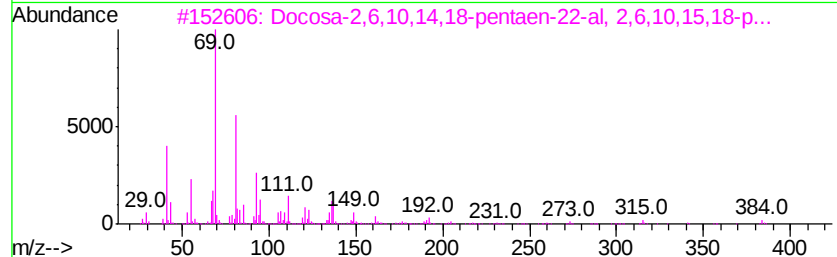
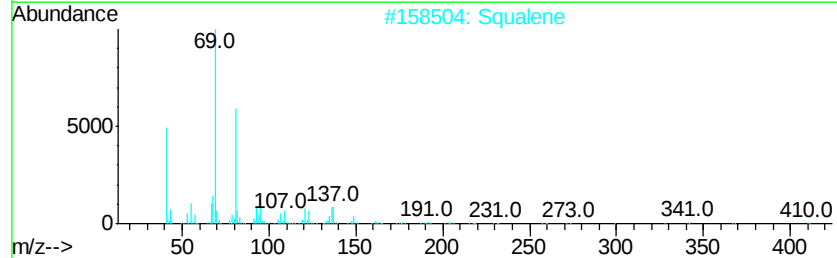
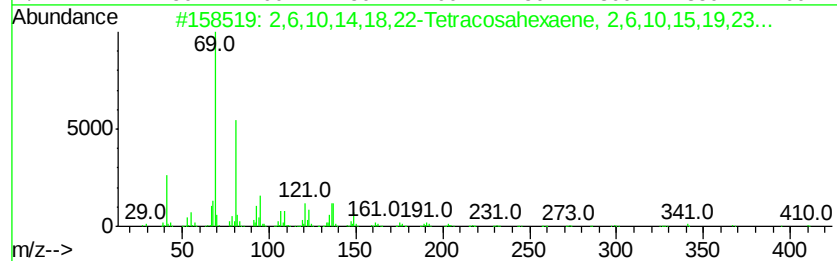
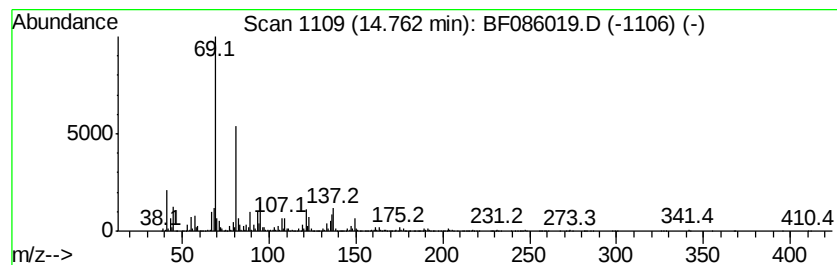
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	64.31 ng	2540810	Perylene-d12	15.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	99		
2	Squalene	410	C30H50	007683-64-9	90		
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	86		
4	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	78		
5	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	72		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
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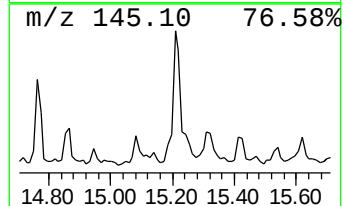
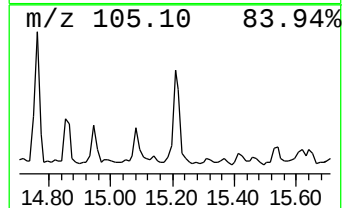
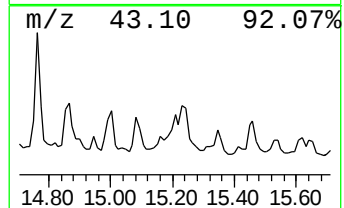
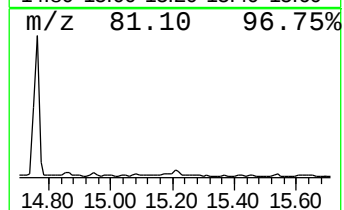
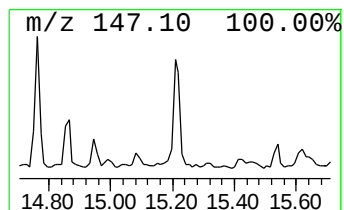
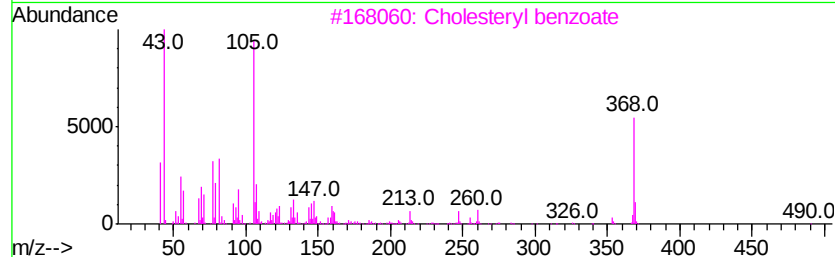
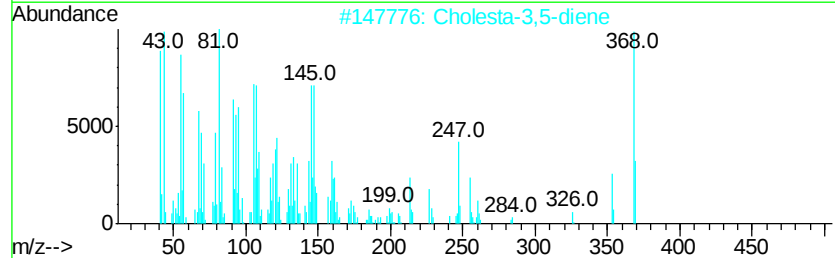
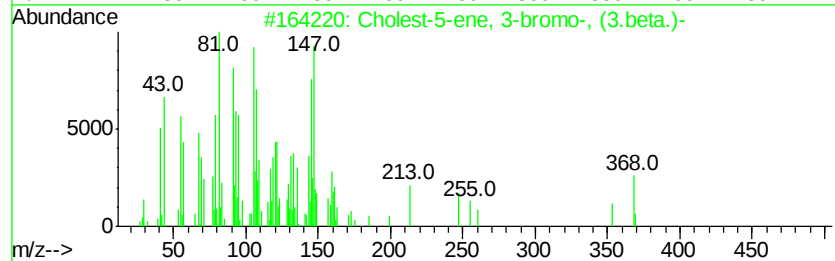
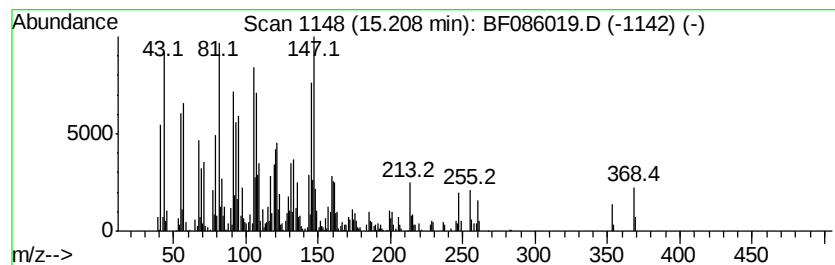
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cholest-5-ene, 3-bromo-, (3... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	26.26 ng	1037690	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholest-5-ene, 3-bromo-, (3.beta.)-	448	C27H45Br	000516-91-6	95
2		Cholesta-3,5-diene	368	C27H44	000747-90-0	91
3		Cholesteryl benzoate	490	C34H50O2	000604-32-0	22
4		Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	15
5		Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
Data File : BF086019.D
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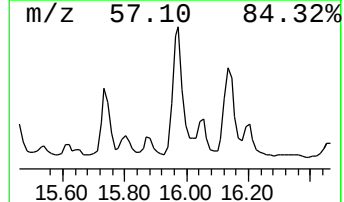
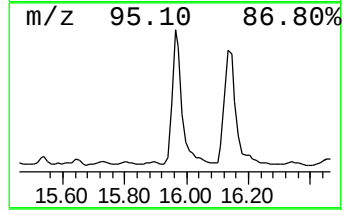
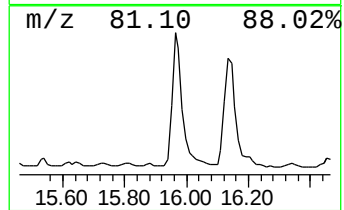
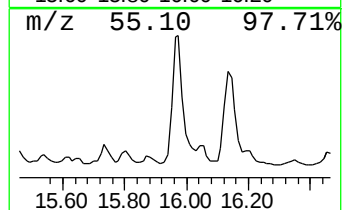
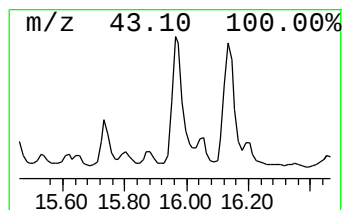
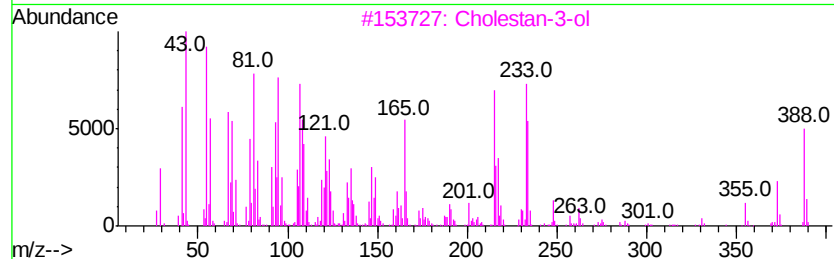
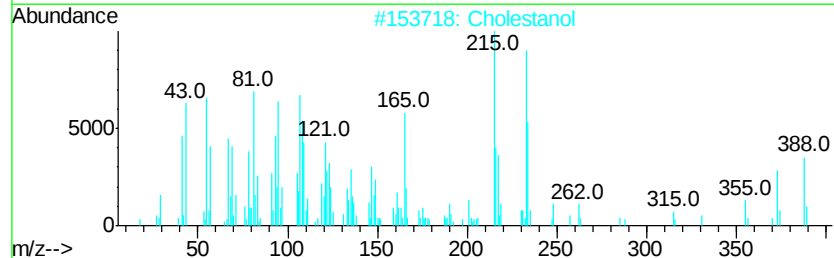
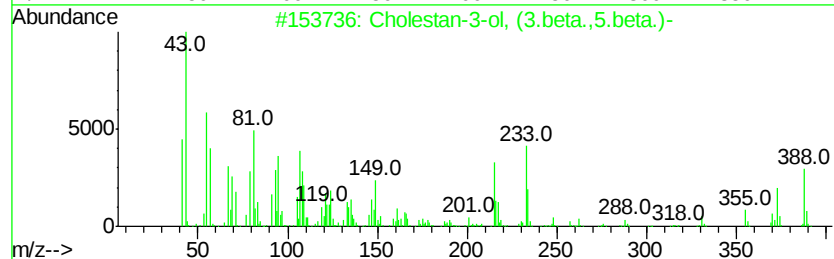
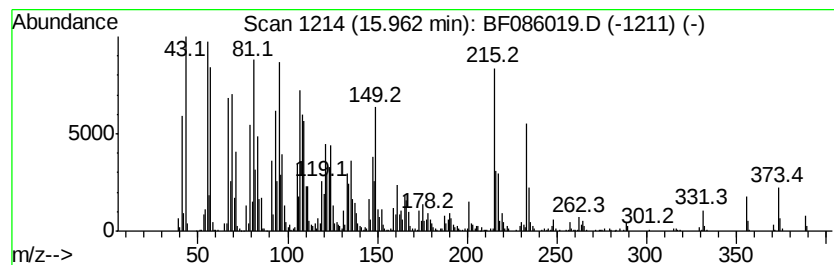
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cholestan-3-ol, (3.beta.,5.... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	92.64 ng	3660170	Perylene-d12	15.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	86
2			Cholestanol	388	C27H48O	000080-97-7	74
3			Cholestan-3-ol	388	C27H48O	027409-41-2	53
4			Epicholestanol	388	C27H48O	000516-95-0	49
5			Cholestan-3.beta.-ol	388	C27H48O	017608-41-2	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086019.D
Acq On : 2 Apr 2016 18:46
Operator : UM/SJ
Sample : H2028-03
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W3DAY1

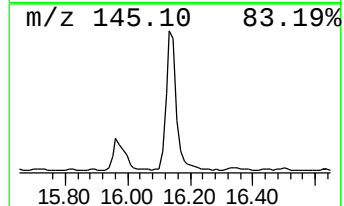
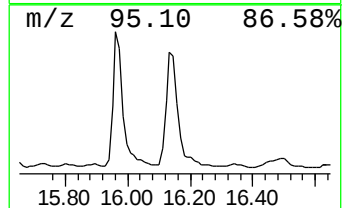
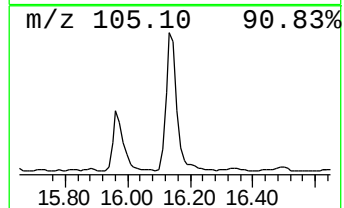
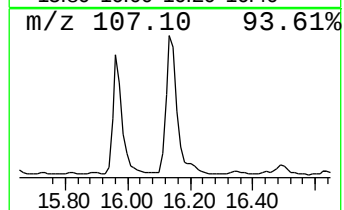
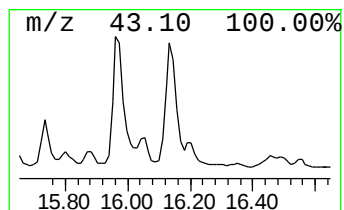
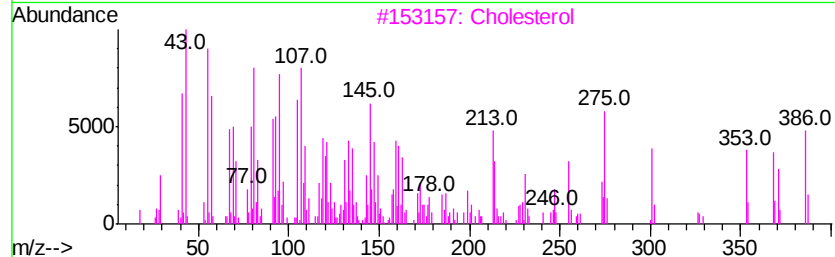
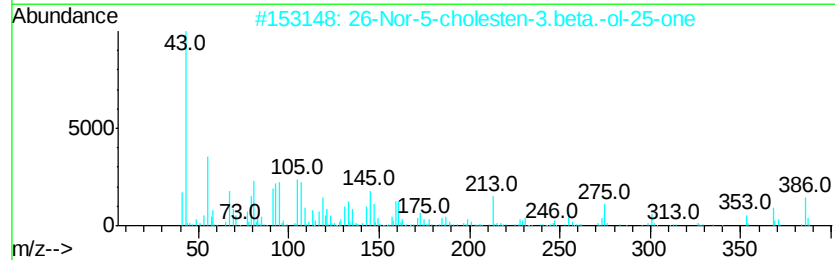
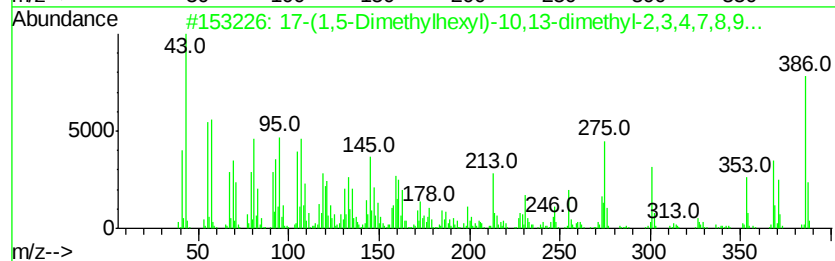
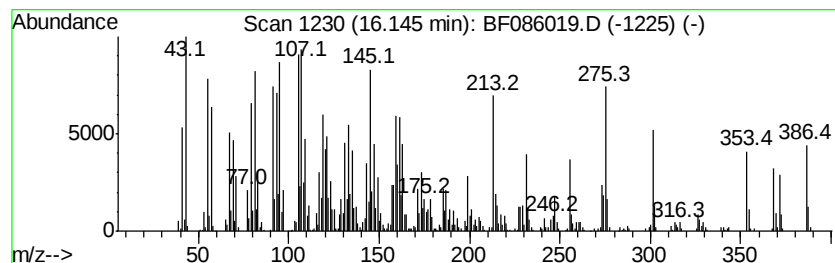
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	96.13 ng	3798240	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	99
2		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
3		Cholesterol	386	C27H46O	000057-88-5	96
4		Cholestane-3,5-diol, 5-acetate, ...	446	C29H50O3	041721-93-1	49
5		Cholest-5-en-3-ol (3.beta.)-, ac...	428	C29H48O2	000604-35-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
Data File : BF086019.D
Acq On : 2 Apr 2016 18:46
Operator : UM/SJ
Sample : H2028-03
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W3DAY1

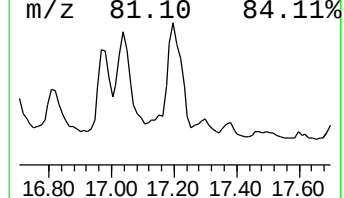
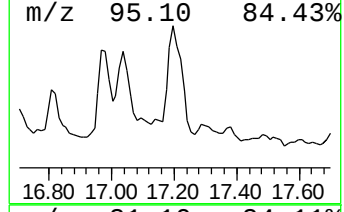
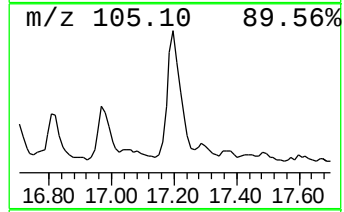
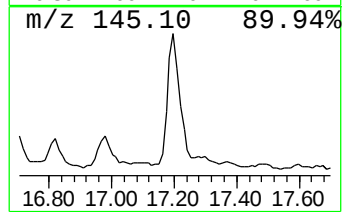
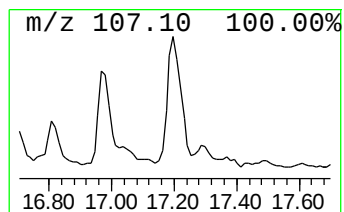
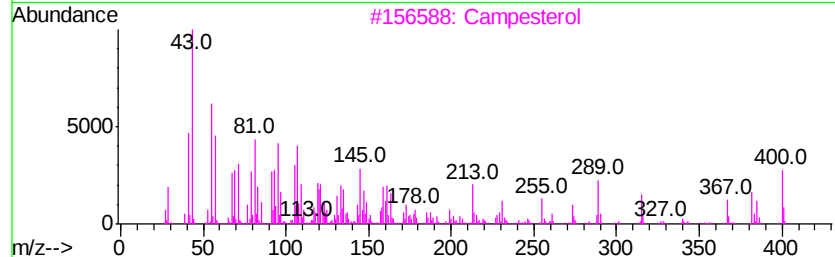
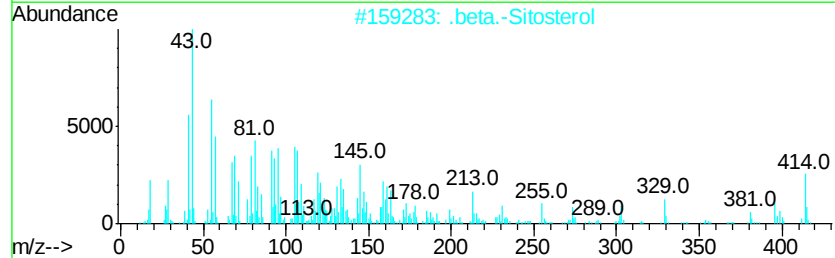
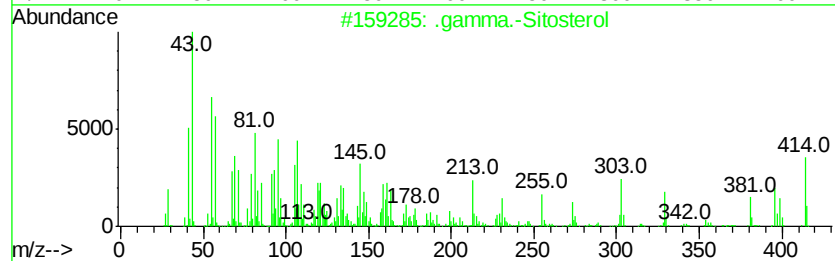
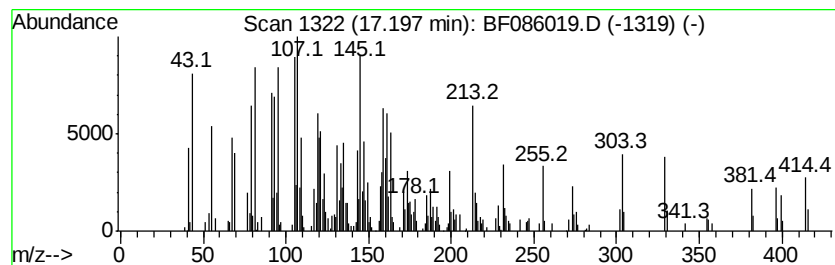
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 .gamma.-Sitosterol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	25.86 ng	1021820	Perylene-d12	15.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Sitosterol	414	C29H50O	000083-47-6	83
2			.beta.-Sitosterol	414	C29H50O	000083-46-5	64
3			Campesterol	400	C28H48O	000474-62-4	32
4			17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	30
5			7-Ergosterol	400	C28H48O	116179-22-7	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
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 Acq On : 2 Apr 2016 18:46
 Operator : UM/SJ
 Sample : H2028-03
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W3DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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
Pentanoic acid, 4...	6.29	26.4	ng	912794	1	6.77	691232	20.0
unknown6.54	6.54	44.5	ng	1537700	1	6.77	691232	20.0
Benzeneacetic acid	8.38	32.1	ng	1468850	2	8.05	915997	20.0
Nonanoic acid	8.49	33.2	ng	1521250	2	8.05	915997	20.0
Indole	8.70	26.2	ng	1198830	2	8.05	915997	20.0
Benzenepropanoic ...	8.90	23.4	ng	1071760	2	8.05	915997	20.0
n-Decanoic acid	9.06	51.0	ng	3961300	3	9.81	1554770	20.0
1-Decene	9.63	36.3	ng	2821950	3	9.81	1554770	20.0
Dodecanoic acid	10.10	112.7	ng	8760450	3	9.81	1554770	20.0
Tetradecanoic acid	11.02	88.7	ng	7245420	4	11.29	1633220	20.0
Hexadecenoic acid...	11.78	29.4	ng	2400990	4	11.29	1633220	20.0
n-Hexadecanoic acid	11.92	235.7	ng	19243800	4	11.29	1633220	20.0
Octadec-9-enoic acid	12.63	81.8	ng	25465500	5	13.94	6222650	20.0
Octadecanoic acid	12.69	31.9	ng	9929670	5	13.94	6222650	20.0
2,6,10,14,18,22-T...	14.76	64.3	ng	2540810	6	15.33	790193	20.0
Cholest-5-ene, 3-...	15.21	26.3	ng	1037690	6	15.33	790193	20.0
Cholestan-3-ol, (...)	15.96	92.6	ng	3660170	6	15.33	790193	20.0
17-(1,5-Dimethylh...	16.15	96.1	ng	3798240	6	15.33	790193	20.0
.gamma.-Sitosterol	17.20	25.9	ng	1021820	6	15.33	790193	20.0