

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
 Data File : BF090592.D
 Acq On : 15 Oct 2016 7:35
 Operator : UM/SJ
 Sample : H5194-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-PLANTING-SOIL

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-BF101316.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	5.114	240	243	252	rBV	877422	1270029	25.59%	2.204%
2	5.526	277	279	282	rBV	4081076	4362242	87.90%	7.569%
3	6.554	366	369	371	rBV	4025222	4924392	99.22%	8.544%
4	6.680	378	380	383	rBV	3505970	4962888	100.00%	8.611%
5	6.920	399	401	412	rBV	926031	1291834	26.03%	2.241%
6	7.069	412	414	417	rBV	3098345	3582652	72.19%	6.216%
7	7.480	447	450	457	rBV	2606943	3102827	62.52%	5.384%
8	8.200	511	513	522	rBV	1591656	1824106	36.75%	3.165%
9	8.315	522	523	531	rVB6	22160	55937	1.13%	0.097%
10	9.286	605	608	610	rBV	3852403	4504557	90.76%	7.816%
11	9.400	616	618	627	rVB3	28162	78676	1.59%	0.137%
12	9.675	640	642	644	rBV	980930	854030	17.21%	1.482%
13	9.892	657	661	663	rBV	58967	68144	1.37%	0.118%
14	9.961	664	667	669	rBV	2255111	1966972	39.63%	3.413%
15	10.395	701	705	706	rBV	102599	119206	2.40%	0.207%
16	10.612	721	724	727	rBV	44756	67012	1.35%	0.116%
17	10.749	733	736	745	rBV	2604701	2867086	57.77%	4.975%
18	10.863	745	746	753	rVB	150916	222085	4.47%	0.385%
19	11.309	784	785	787	rBV	62192	78510	1.58%	0.136%
20	11.446	795	797	801	rBV	1481348	1613752	32.52%	2.800%
21	11.504	801	802	806	rVB	100453	110504	2.23%	0.192%
22	11.675	814	817	821	rBV	149364	209688	4.23%	0.364%
23	12.006	842	846	852	rBV3	30063	76057	1.53%	0.132%
24	12.144	855	858	862	rBV	133908	145320	2.93%	0.252%
25	12.498	886	889	890	rBV	35669	51365	1.03%	0.089%
26	12.521	890	891	895	rVV3	51018	99099	2.00%	0.172%
27	12.704	905	907	910	rVB	108769	111776	2.25%	0.194%
28	12.852	919	920	922	rBV	65697	75906	1.53%	0.132%
29	12.909	924	925	933	rVV	592938	900596	18.15%	1.563%
30	13.035	933	936	946	rVV	3152669	3261132	65.71%	5.658%
31	13.469	969	974	979	rBV4	102875	244172	4.92%	0.424%
32	13.561	979	982	983	rVV2	53005	75597	1.52%	0.131%
33	13.607	983	986	991	rVB3	42639	76323	1.54%	0.132%
34	13.938	1012	1015	1018	rBV	138387	232685	4.69%	0.404%

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35	14.007	1020	1021	1024	rVB	41890	52203	1.05%	0.091%
36	14.087	1024	1028	1034	rBV	846503	1240827	25.00%	2.153%
37	14.555	1067	1069	1073	rBV	145892	223101	4.50%	0.387%
38	14.944	1100	1103	1106	rVB	110109	124449	2.51%	0.216%
39	15.092	1113	1116	1117	rBV	43157	68921	1.39%	0.120%
40	15.207	1124	1126	1131	rVB	668939	831780	16.76%	1.443%
41	15.550	1153	1156	1165	rVB	676312	1108263	22.33%	1.923%
42	15.778	1174	1176	1178	rBV3	28438	53114	1.07%	0.092%
43	15.824	1178	1180	1184	rVV4	29887	83741	1.69%	0.145%
44	15.904	1185	1187	1192	rVV2	47914	84418	1.70%	0.146%
45	16.018	1194	1197	1200	rVV	439003	711136	14.33%	1.234%
46	16.064	1200	1201	1206	rVV	65364	120211	2.42%	0.209%
47	16.167	1209	1210	1215	rVV4	30875	61619	1.24%	0.107%
48	16.281	1215	1220	1227	rVB2	88009	259495	5.23%	0.450%
49	16.430	1230	1233	1237	rBV6	24190	77246	1.56%	0.134%
50	16.681	1252	1255	1263	rVB7	33972	123575	2.49%	0.214%
51	17.058	1279	1288	1290	rBV7	66443	261726	5.27%	0.454%
52	17.104	1290	1292	1296	rVB	70533	138297	2.79%	0.240%
53	17.184	1296	1299	1300	rBV3	41214	82189	1.66%	0.143%
54	17.356	1310	1314	1317	rBV4	73040	180775	3.64%	0.314%
55	17.527	1326	1329	1331	rBV3	38240	89478	1.80%	0.155%
56	17.596	1331	1335	1336	rVV2	424674	1004251	20.24%	1.742%
57	17.630	1336	1338	1347	rVB2	640424	1592916	32.10%	2.764%
58	17.813	1350	1354	1357	rVB	156392	358681	7.23%	0.622%
59	17.916	1359	1363	1366	rBV3	108940	295795	5.96%	0.513%
60	17.973	1366	1368	1371	rVB2	79116	149666	3.02%	0.260%
61	18.053	1371	1375	1380	rBV	253584	883688	17.81%	1.533%
62	18.156	1380	1384	1389	rBV3	247082	748895	15.09%	1.299%
63	18.293	1393	1396	1400	rVB2	106743	279940	5.64%	0.486%
64	18.384	1400	1404	1407	rBV2	280016	898762	18.11%	1.559%
65	18.533	1414	1417	1420	rBV2	113518	278878	5.62%	0.484%
66	18.601	1420	1423	1430	rVB	209208	621392	12.52%	1.078%
67	18.716	1430	1433	1443	rVB8	61126	254876	5.14%	0.442%
68	18.887	1444	1448	1450	rBV2	35274	103058	2.08%	0.179%
69	18.944	1450	1453	1455	rBV	24491	58582	1.18%	0.102%
70	19.470	1493	1499	1505	rBV	203430	641527	12.93%	1.113%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

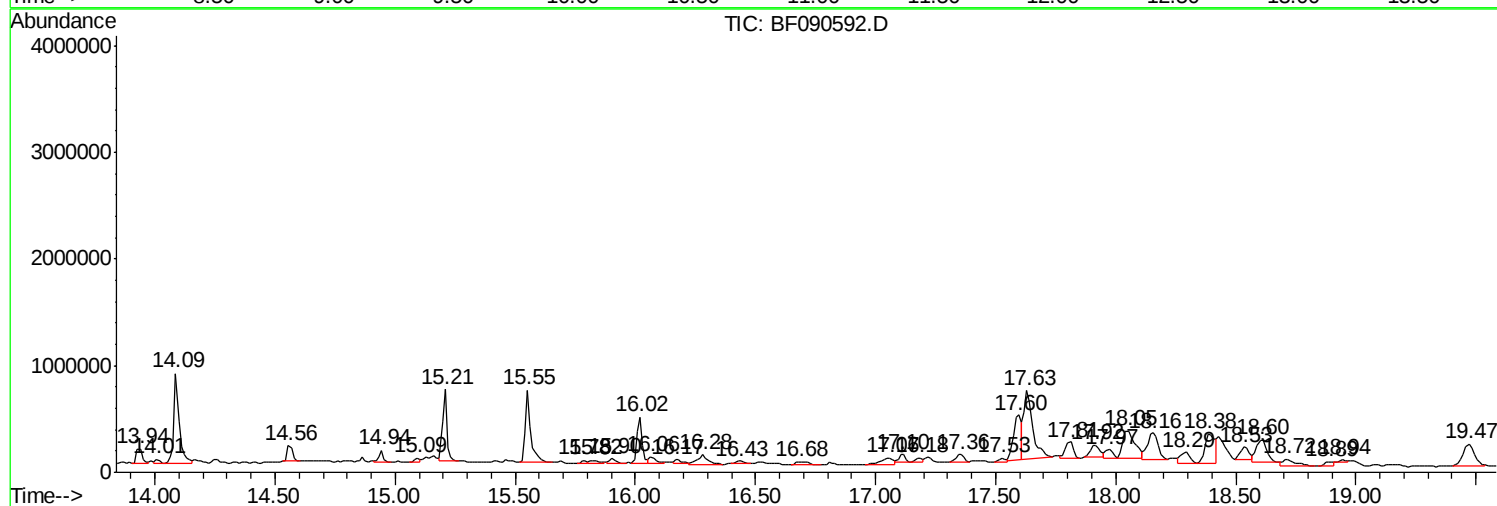
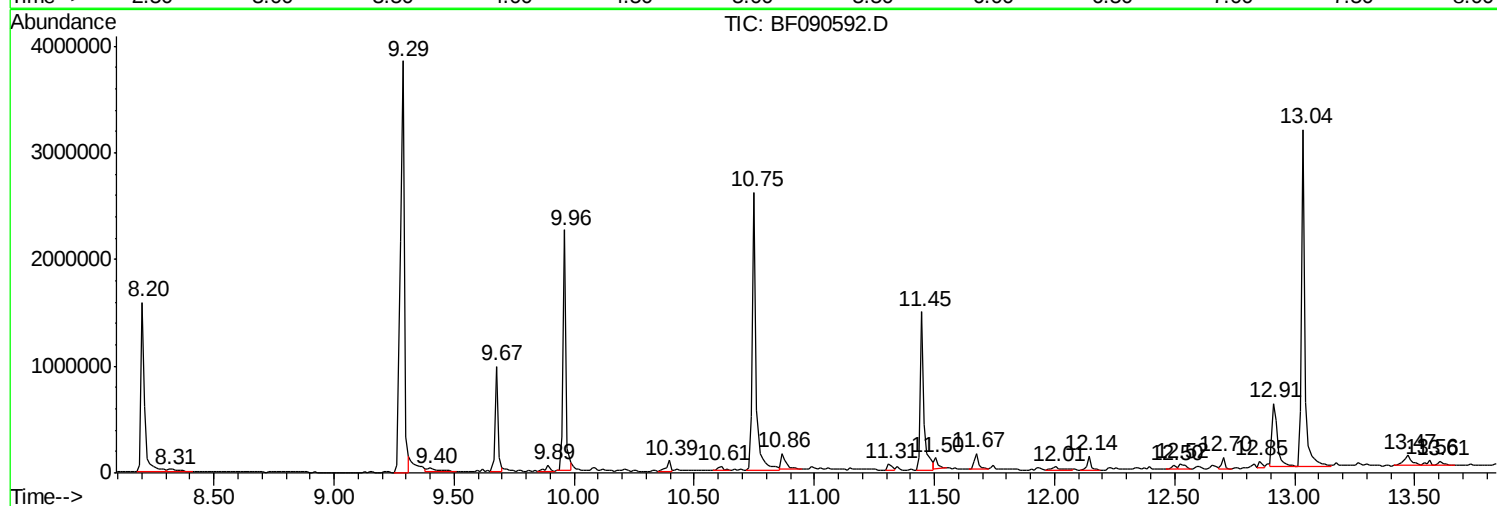
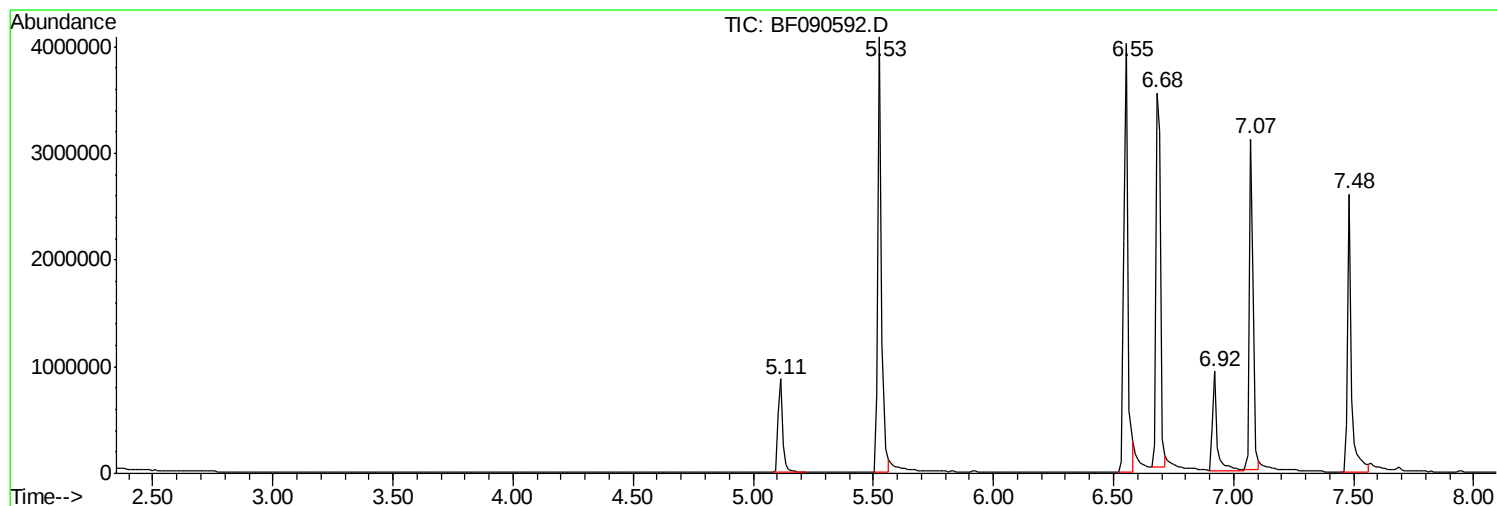
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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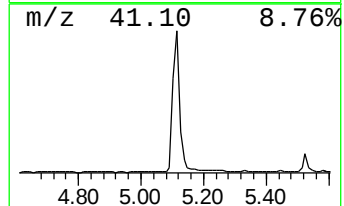
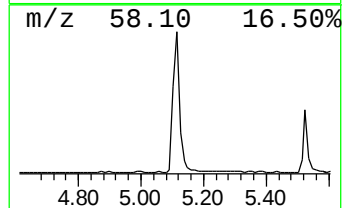
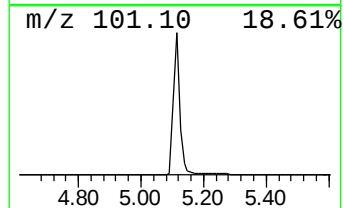
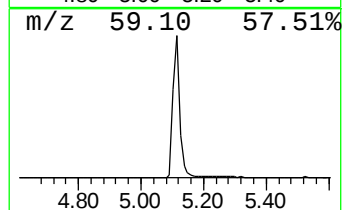
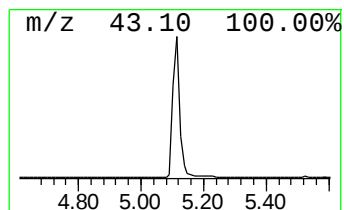
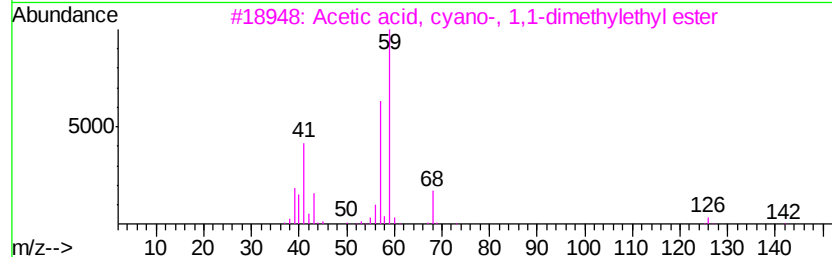
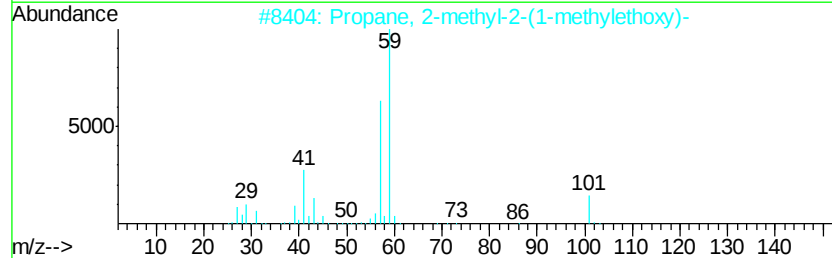
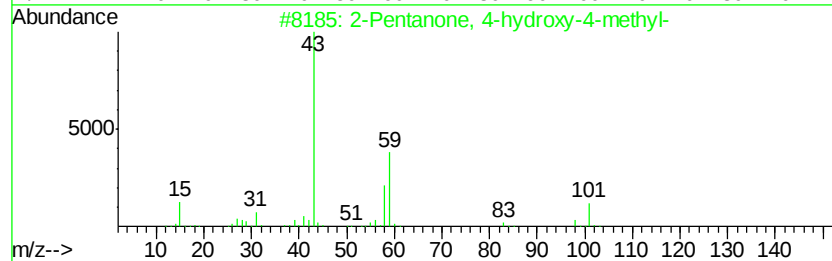
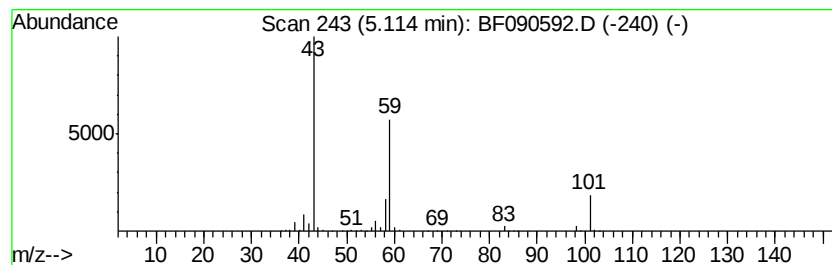
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	19.66 ng	1270030	1,4-Dichlorobenzene-d4	6.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9



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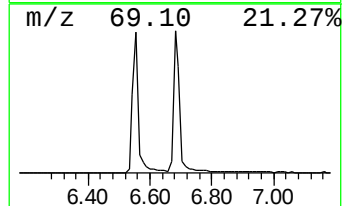
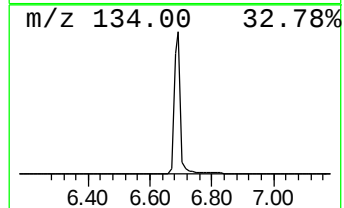
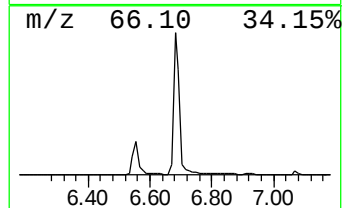
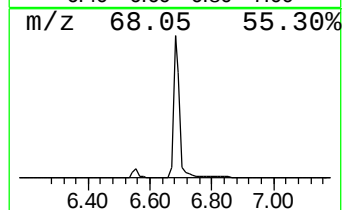
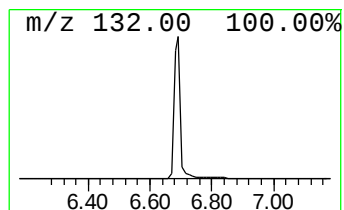
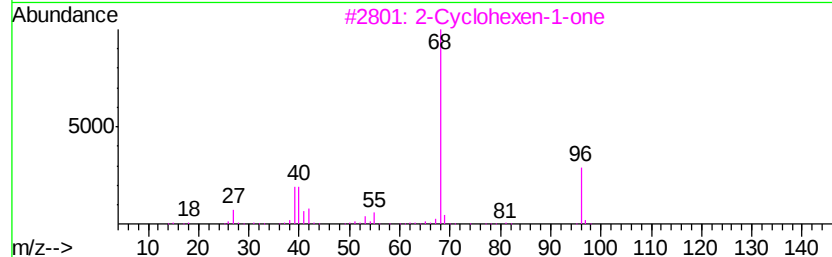
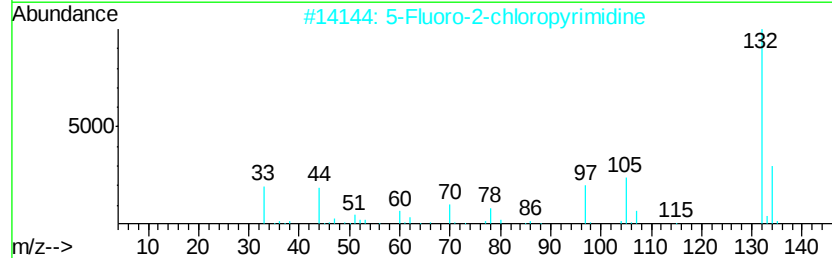
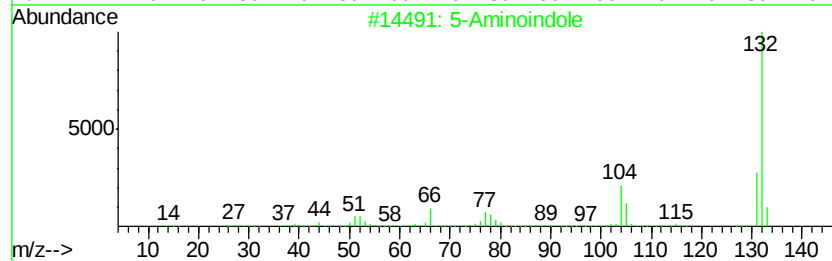
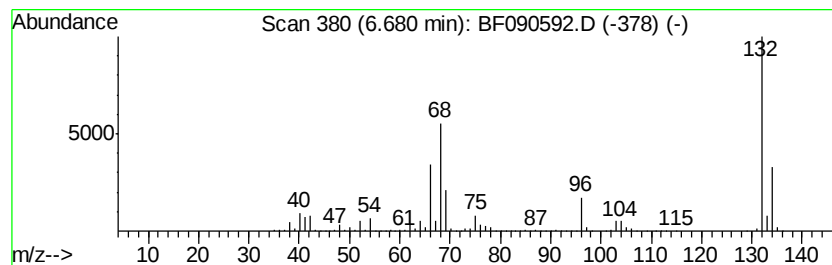
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	76.83 ng	4962890	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	22
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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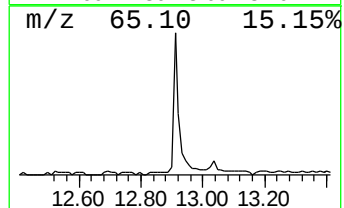
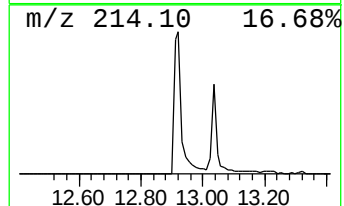
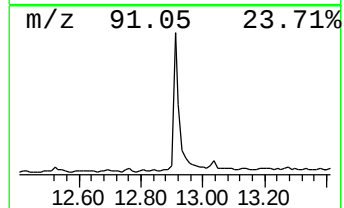
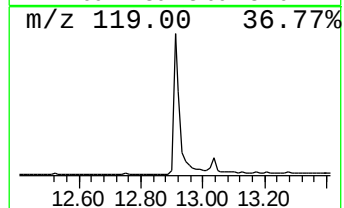
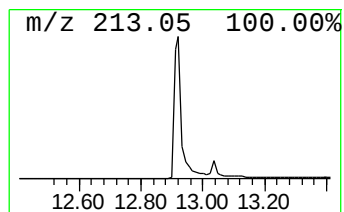
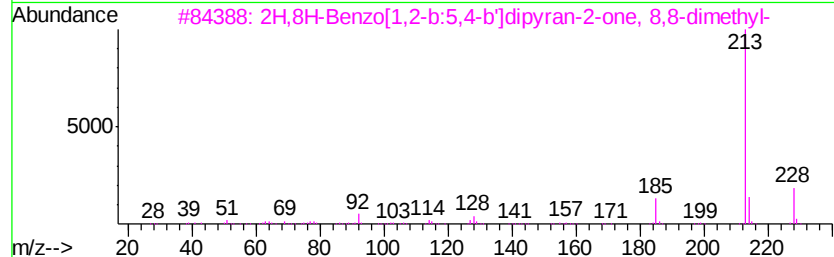
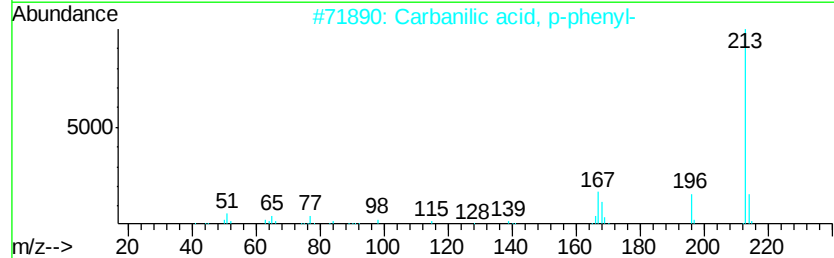
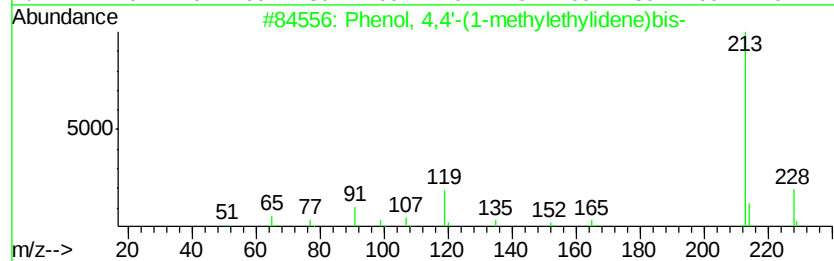
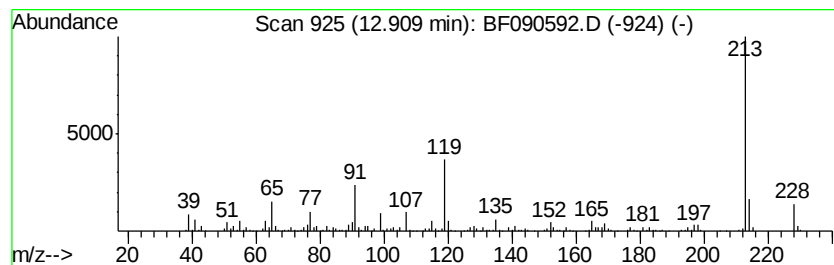
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenol, 4,4'-(1-methylethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	14.52 ng	900596	Chrysene-d12	14.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 4,4'-(1-methylethylidene)bis-	228	C15H16O2	000080-05-7	98
2		Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	60
3		2H,8H-Benzo[1,2-b:5,4-b']dipyrans...	228	C14H12O3	000553-19-5	58
4		2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	53
5		2H,8H-Benzo[1,2-b:3,4-b']dipyrans...	228	C14H12O3	000523-59-1	52



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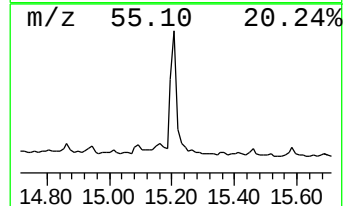
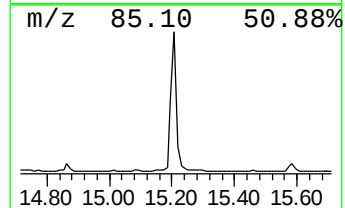
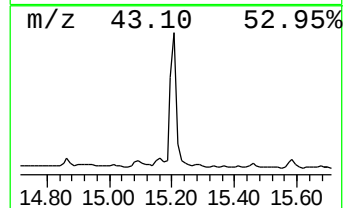
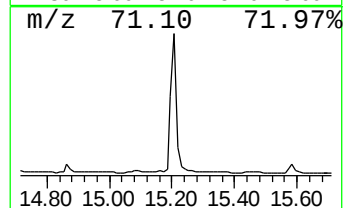
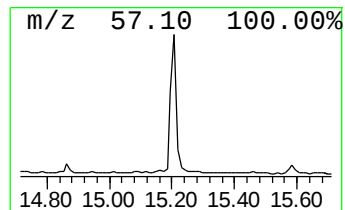
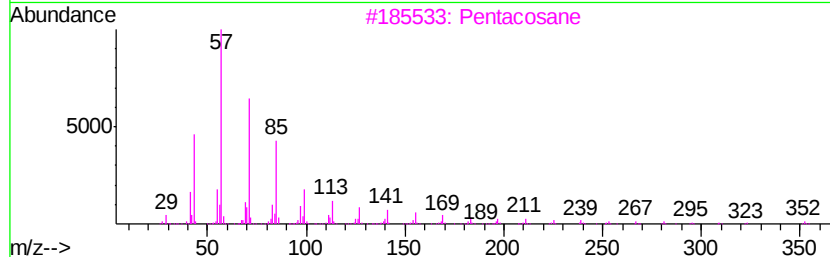
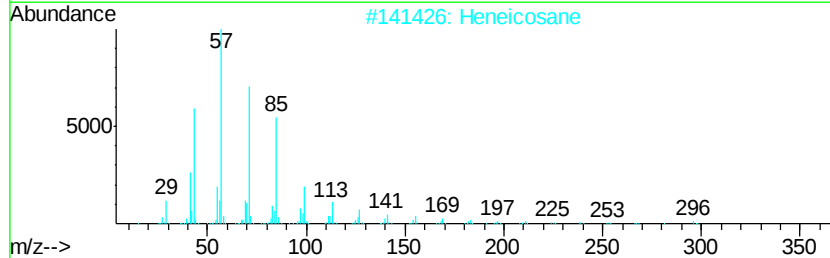
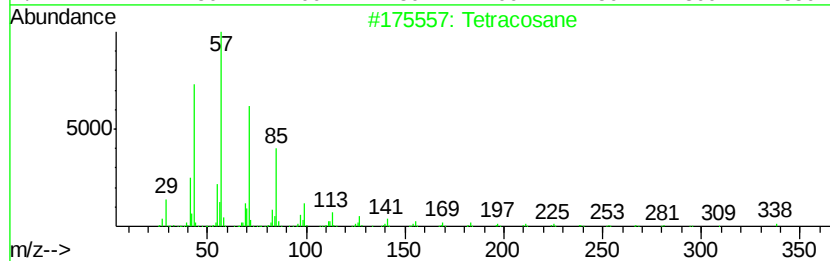
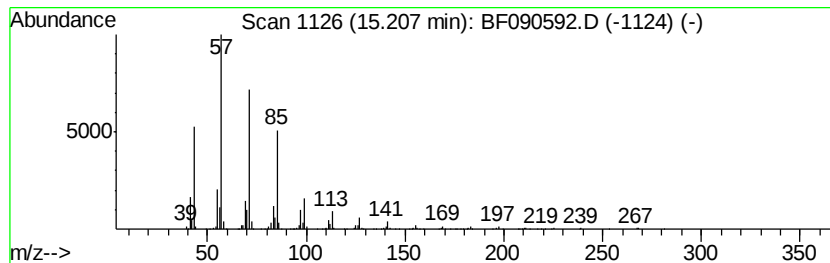
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	15.01 ng	831780	Perylene-d12	15.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	90
2		Heneicosane	296	C21H44	000629-94-7	87
3		Pentacosane	352	C25H52	000629-99-2	86
4		Hexatriacontane	507	C36H74	000630-06-8	80
5		Octacosane	394	C28H58	000630-02-4	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090592.D
Acq On : 15 Oct 2016 7:35
Operator : UM/SJ
Sample : H5194-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

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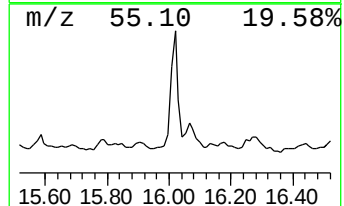
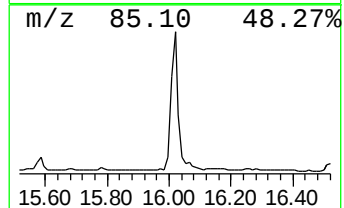
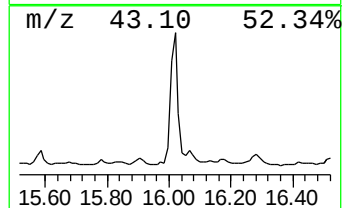
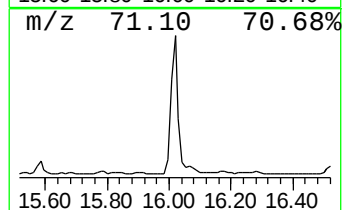
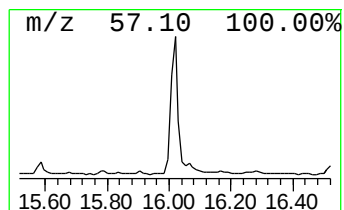
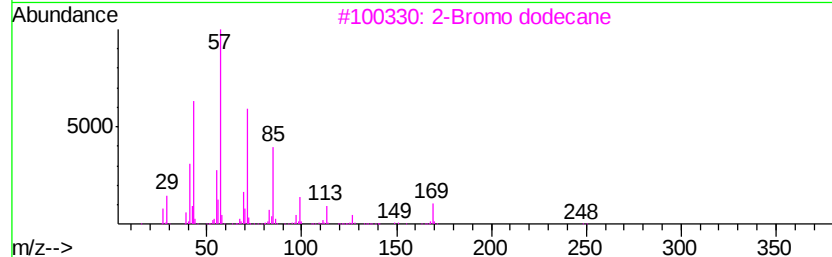
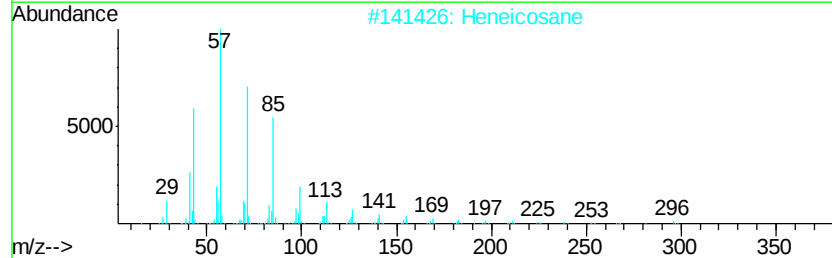
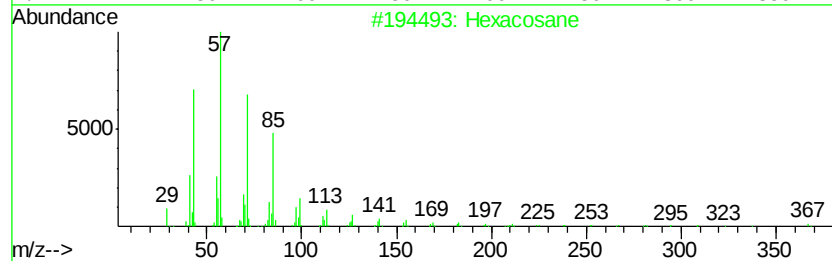
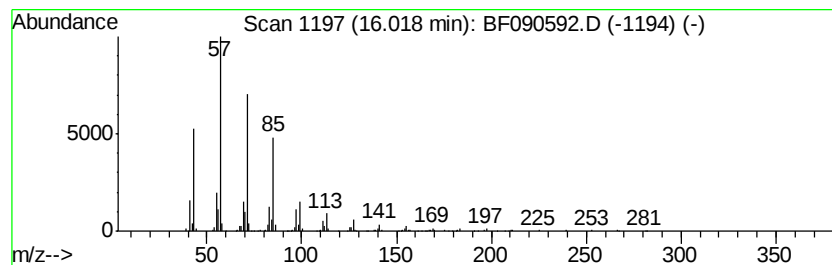
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	12.83 ng	711136	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	86
4		Heptacosane	380	C27H56	000593-49-7	74
5		Octacosane	394	C28H58	000630-02-4	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090592.D
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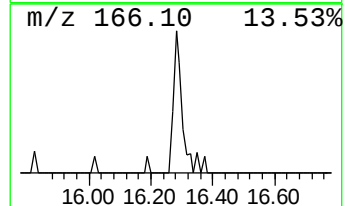
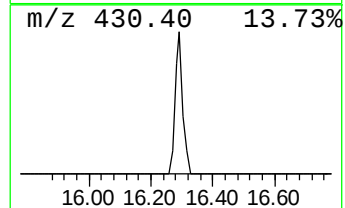
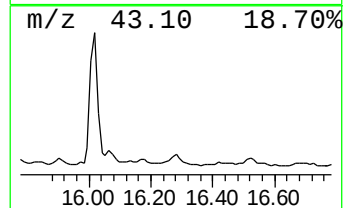
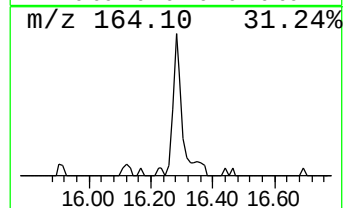
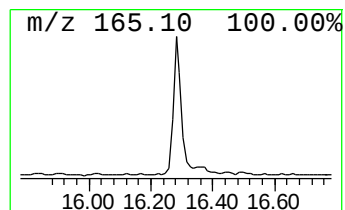
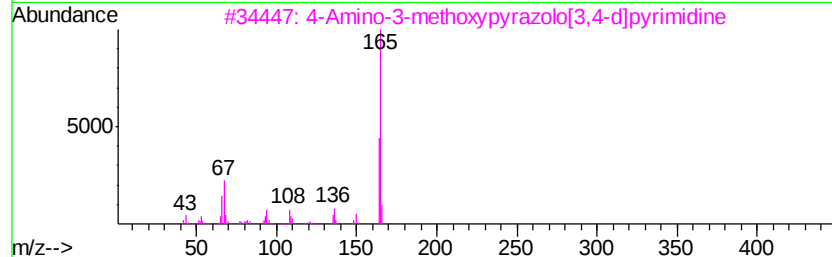
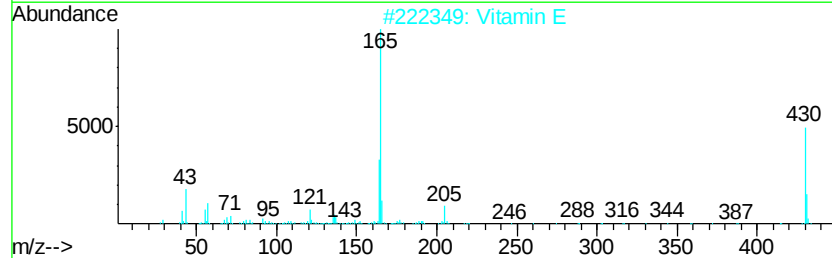
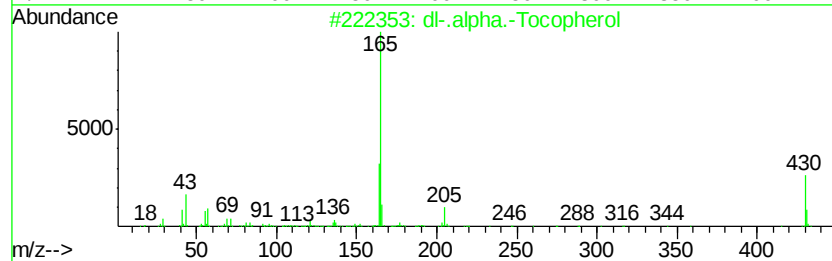
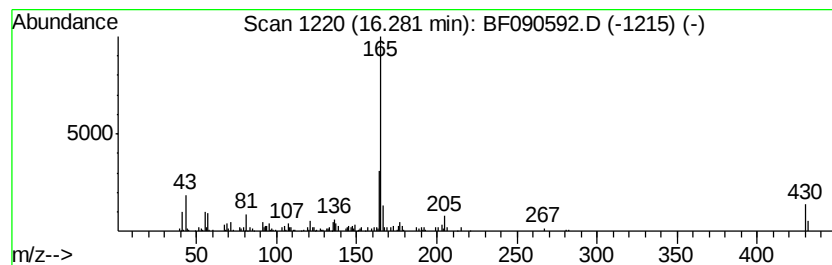
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 dl-.alpha.-Tocopherol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	4.68 ng	259495	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	97
2		Vitamin E	430	C29H50O2	000059-02-9	95
3		4-Amino-3-methoxy-pyrazolo[3,4-d]pyrimidine	165	C6H7N5O	111375-22-5	59
4		1H-Purin-2-amine, 6-methoxy-	165	C6H7N5O	020535-83-5	52
5		Benzenamine, 3-methoxy-2,4,6-tri...	165	C10H15NO	034874-88-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090592.D
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Operator : UM/SJ
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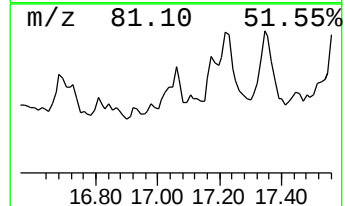
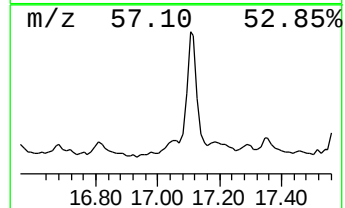
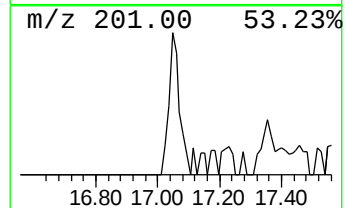
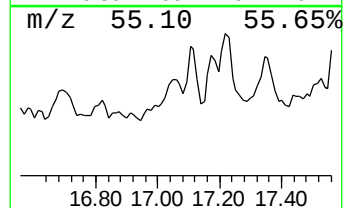
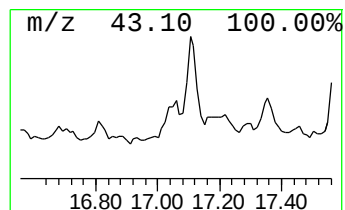
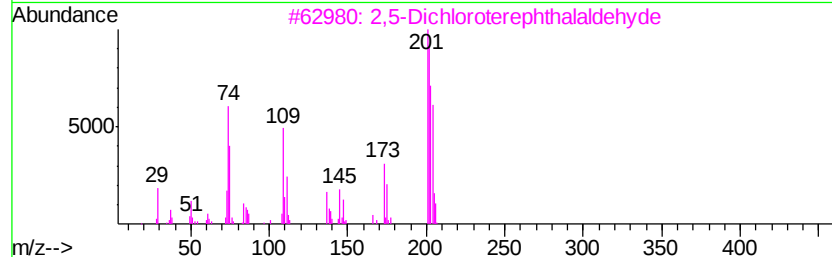
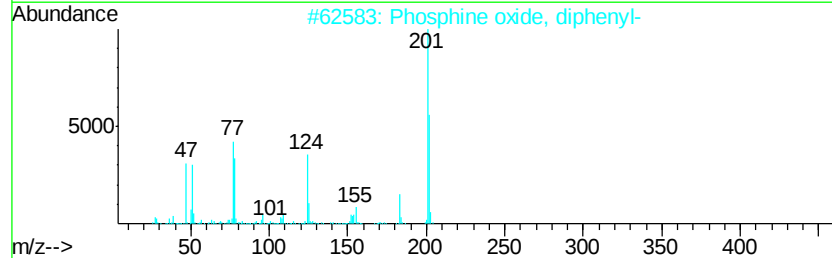
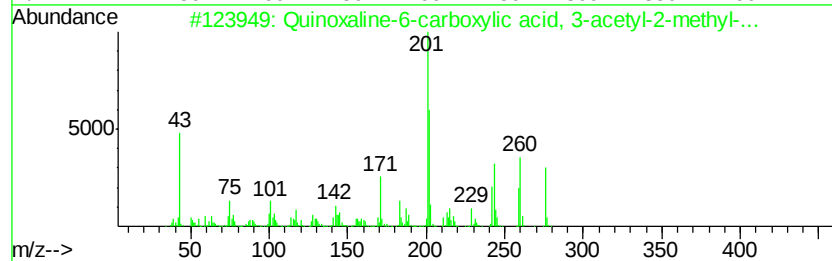
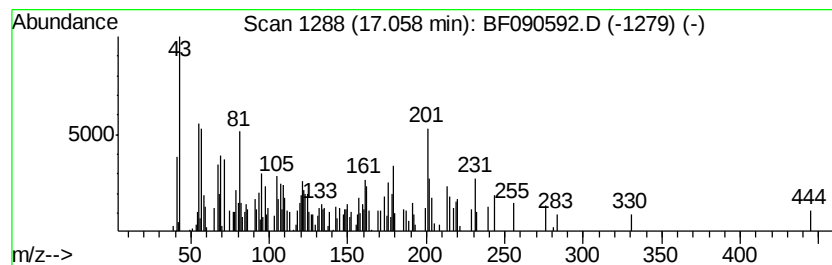
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown17.06 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	4.72 ng	261726	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Quinoxaline-6-carboxylic acid, 3...	276	C13H12N2O5	1000272-71-8	38
2		Phosphine oxide, diphenyl-	202	C12H11OP	004559-70-0	22
3		2,5-Dichloroterephthalaldehyde	202	C8H4Cl2O2	046052-84-0	15
4		Simazine	201	C7H12ClN5	000122-34-9	15
5		Silane, diphenylheptyloxy(2,2,3,...	478	C23H28F6O2Si	1000368-17-1	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090592.D
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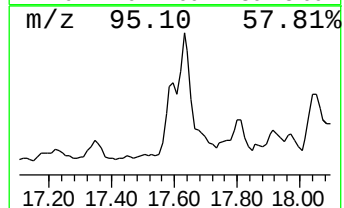
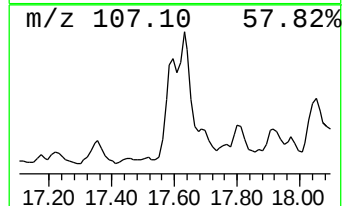
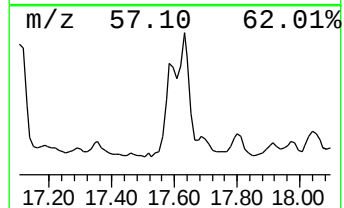
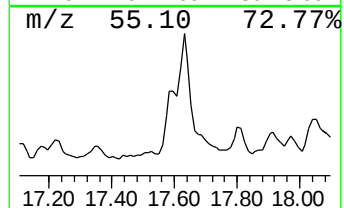
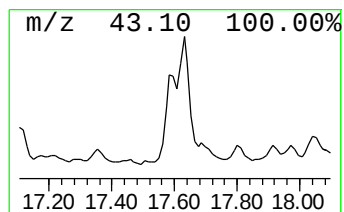
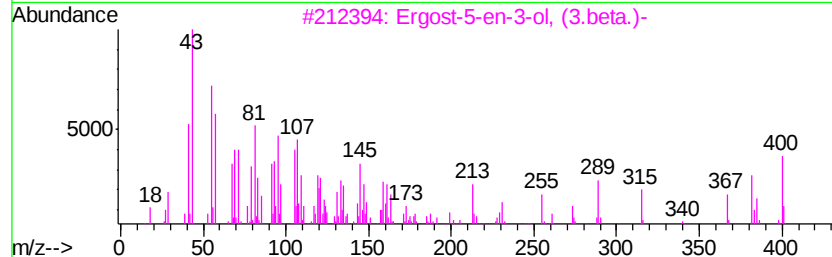
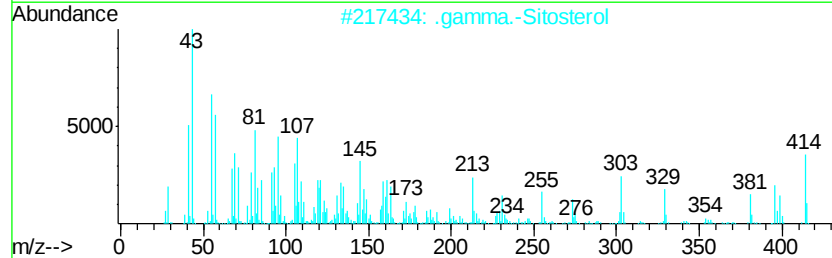
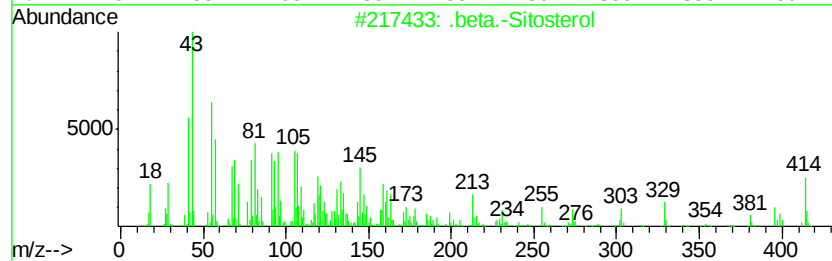
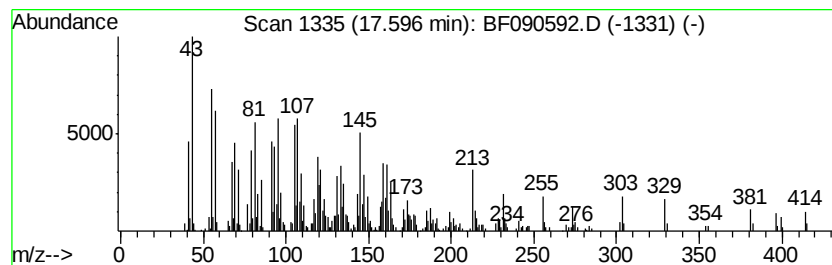
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 .beta.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	18.12 ng	1004250	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	92
3		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	74
4		Campesterol	400	C28H48O	000474-62-4	72
5		Cholest-5-ene, 3-methoxy-, (3.be...	400	C28H48O	001174-92-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090592.D
Acq On : 15 Oct 2016 7:35
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Misc :
ALS Vial : 32 Sample Multiplier: 1

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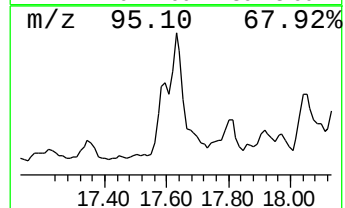
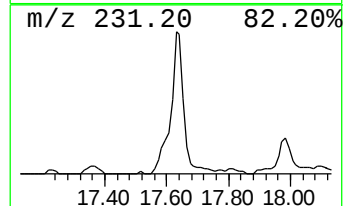
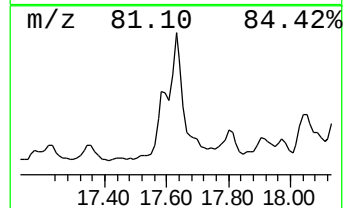
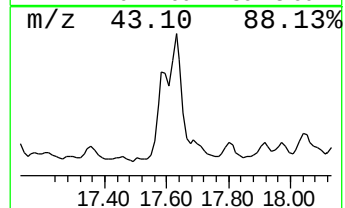
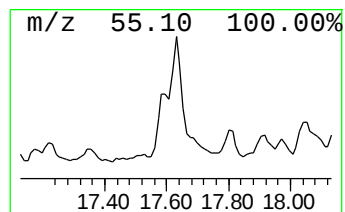
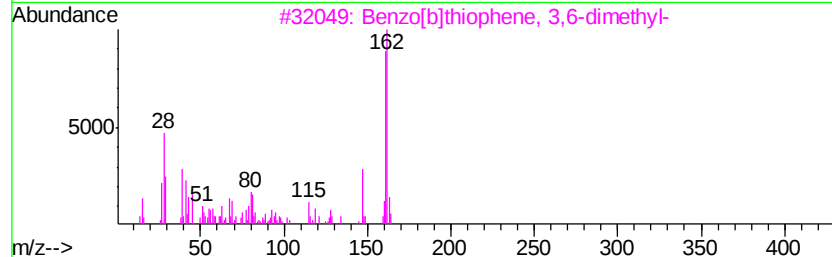
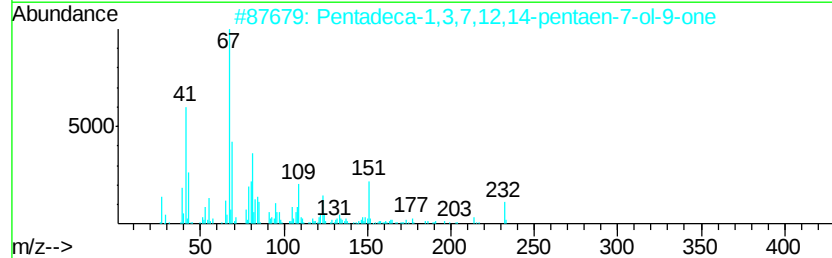
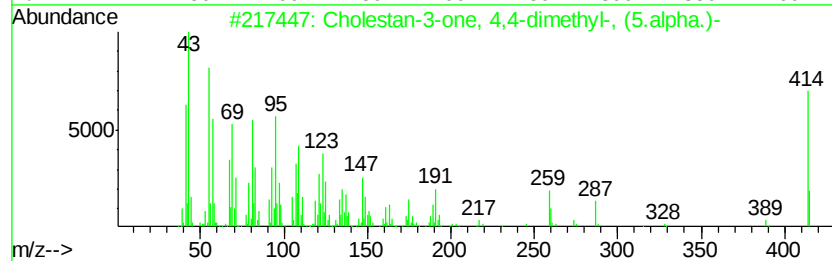
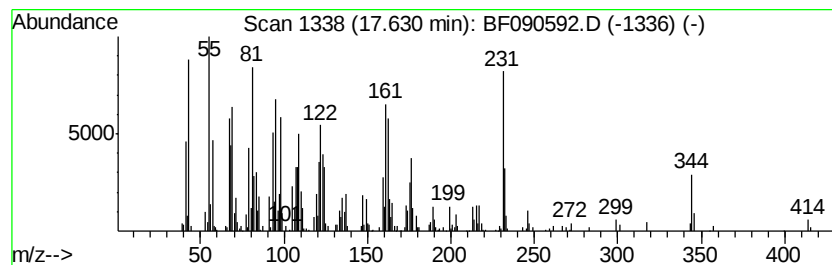
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown17.63 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	28.75 ng	1592920	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholestan-3-one, 4,4-dimethyl-, ...	414	C29H50O	002097-85-0	45
2		Pentadeca-1,3,7,12,14-pentaen-7-...	232	C15H20O2	1000161-45-6	18
3		Benzo[b]thiophene, 3,6-dimethyl-	162	C10H10S	016587-50-1	15
4		N-(2-Acetylcyclopentylidene)-p-a...	231	C14H17NO2	1000100-48-9	14
5		Adenine, N4-trifluoroacetyl-	231	C7H4F3N5O	1000374-88-1	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
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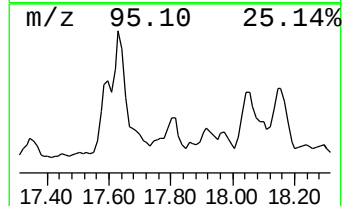
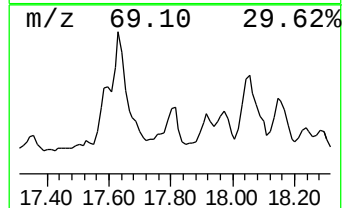
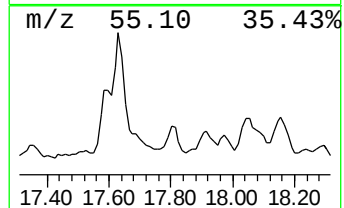
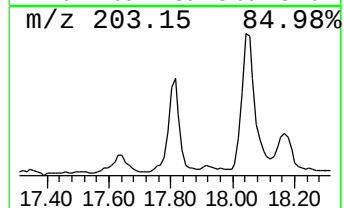
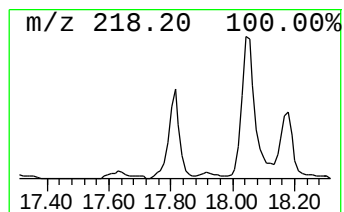
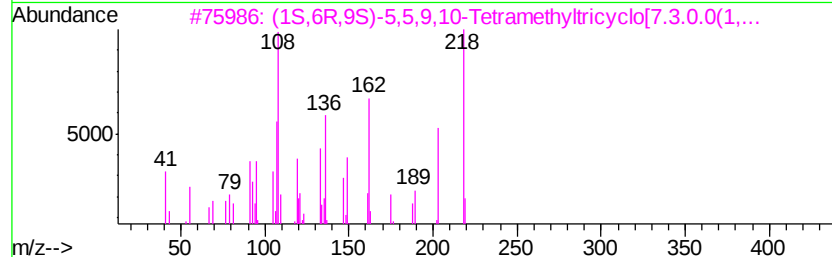
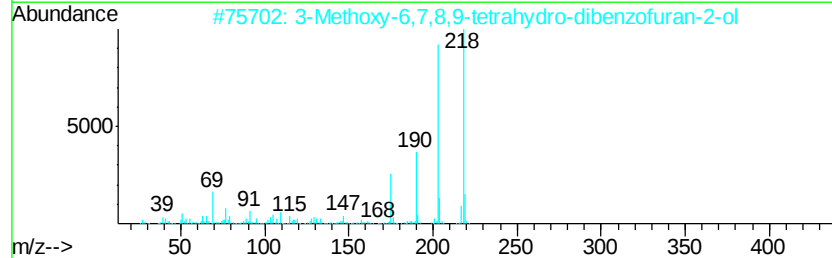
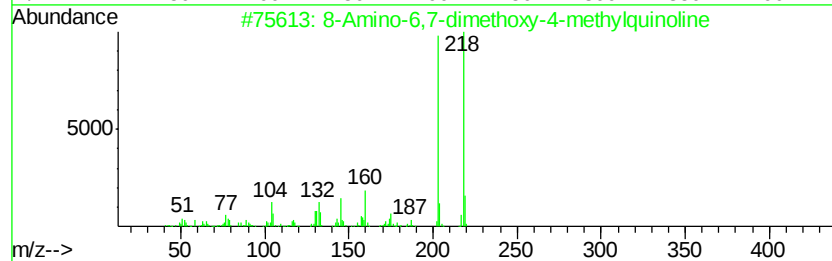
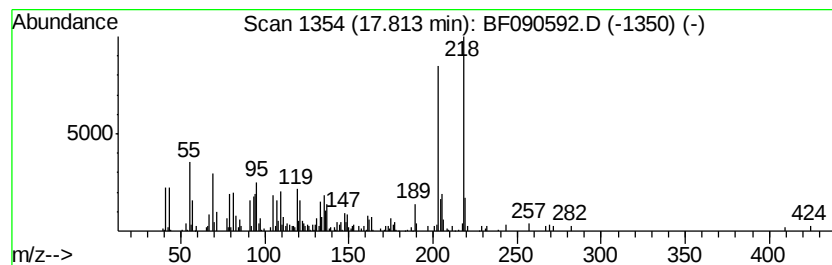
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 8-Amino-6,7-dimethoxy-4-met... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	6.47 ng	358681	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	58
2		3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	52
3		(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	50
4		3a-Methyl-3,3a-dihydropyrrolo[3,...	218	C11H10N2OS	017163-68-7	50
5		Olean-12-ene	410	C30H50	000471-68-1	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
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Misc :
ALS Vial : 32 Sample Multiplier: 1

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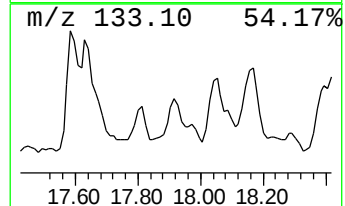
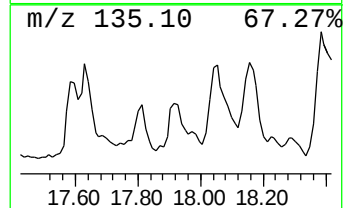
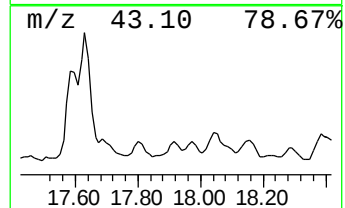
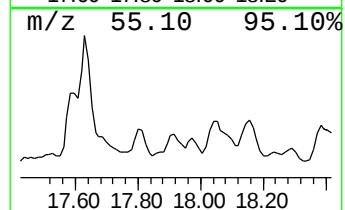
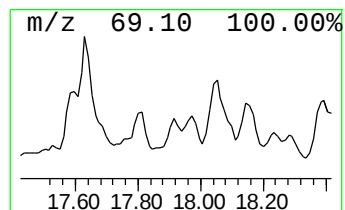
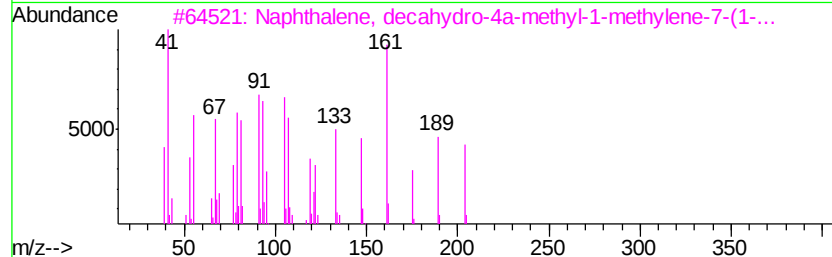
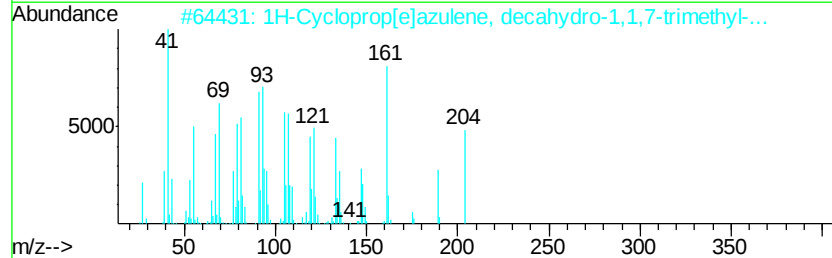
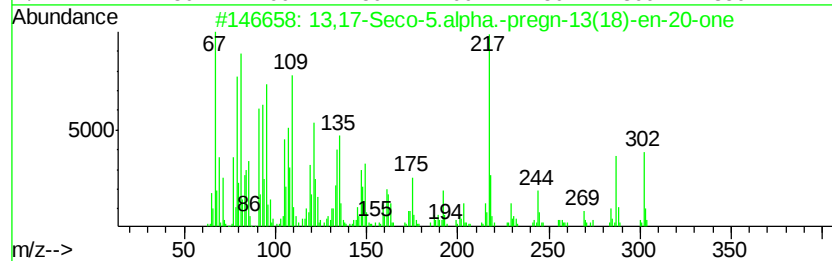
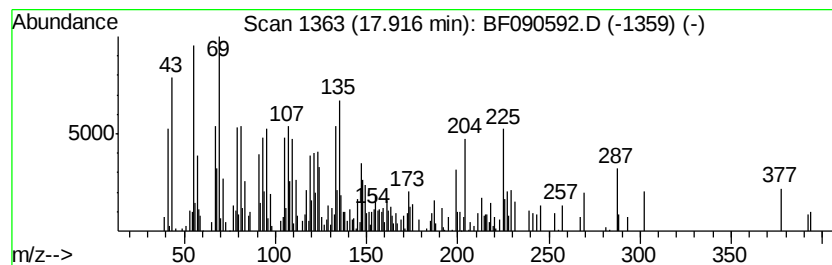
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 13,17-Seco-5.alpha.-pregn-1... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	5.34 ng	295795	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13,17-Seco-5.alpha.-pregn-13(18)...	302	C21H34O	031239-27-7	62
2		1H-Cycloprop[elazulene, decahydr...	204	C15H24	072747-25-2	41
3		Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	38
4		Aromandendrene	204	C15H24	000489-39-4	35
5		.beta.-Bisabolene	204	C15H24	000495-61-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090592.D
Acq On : 15 Oct 2016 7:35
Operator : UM/SJ
Sample : H5194-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

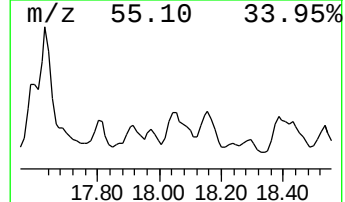
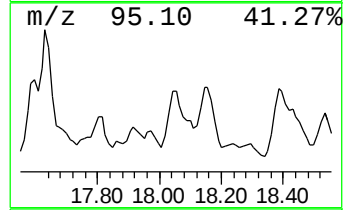
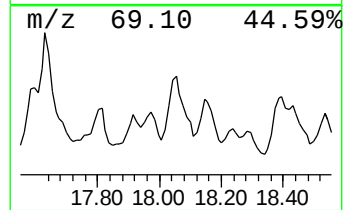
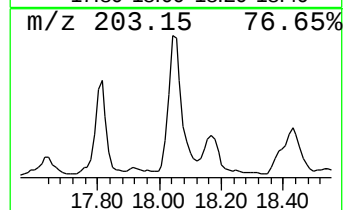
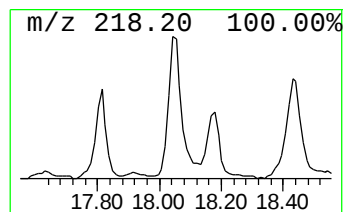
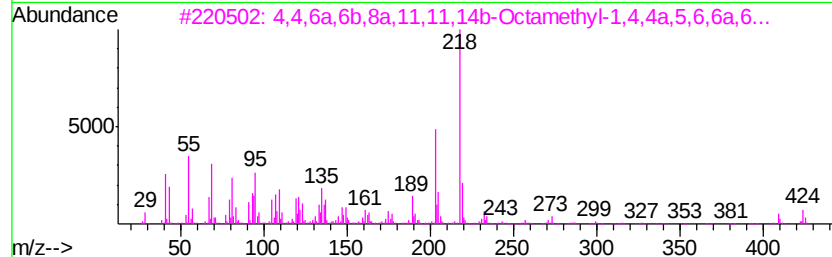
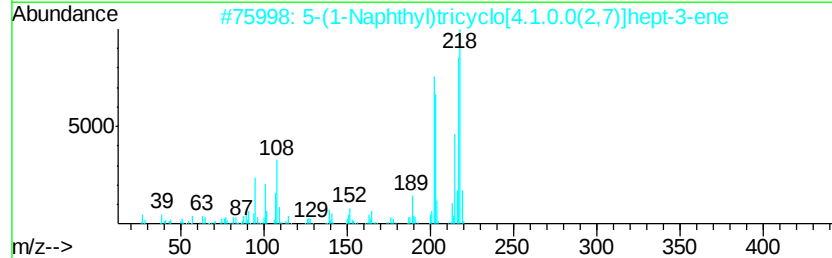
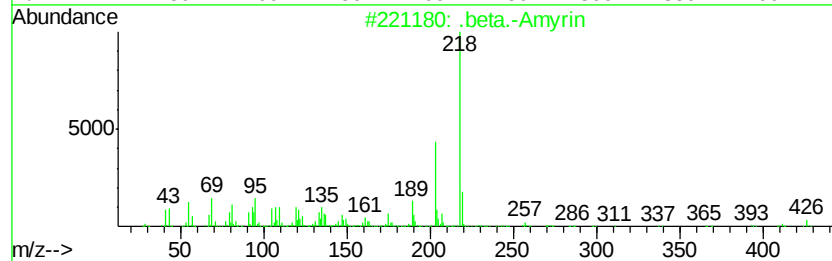
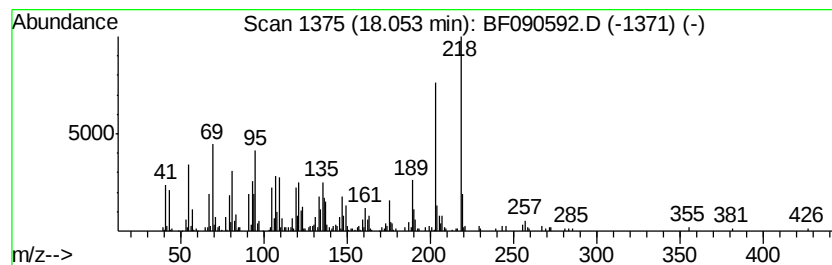
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 .beta.-Amyrin Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	15.95 ng	883688	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Amyrin	426	C30H500	000559-70-6	90
2		5-(1-Naphthyl)tricyclo[4.1.0.0(2...	218	C17H14	107729-05-5	64
3		4,4,6a,6b,8a,11,11,14b-Octamethv...	424	C30H480	1000194-62-4	53
4		2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H220	1000188-66-5	52
5		4-Allyl-5-pyridin-3-yl-2,4-dihyd...	218	C10H10N4S	1000300-40-5	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090592.D
Acq On : 15 Oct 2016 7:35
Operator : UM/SJ
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Misc :
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ClientSampleId :
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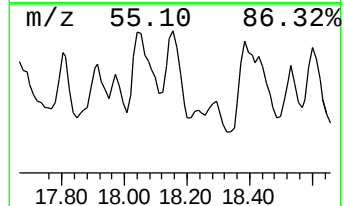
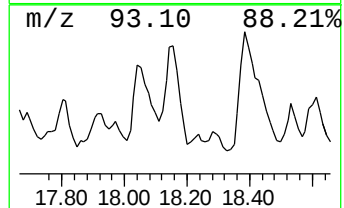
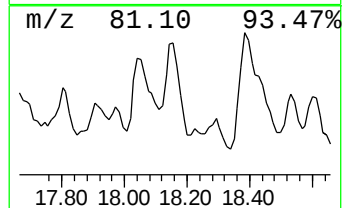
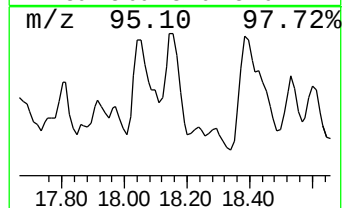
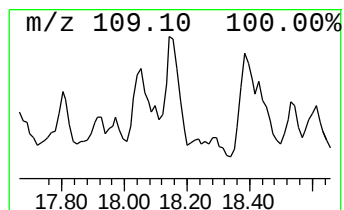
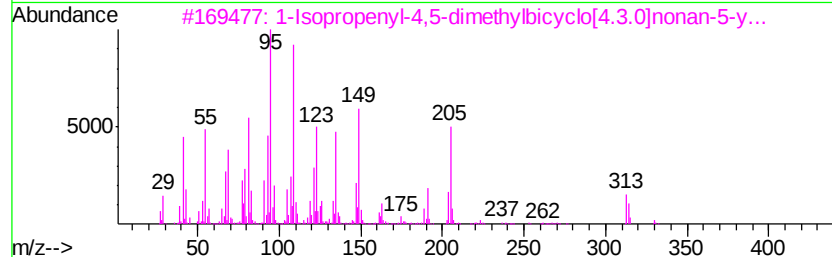
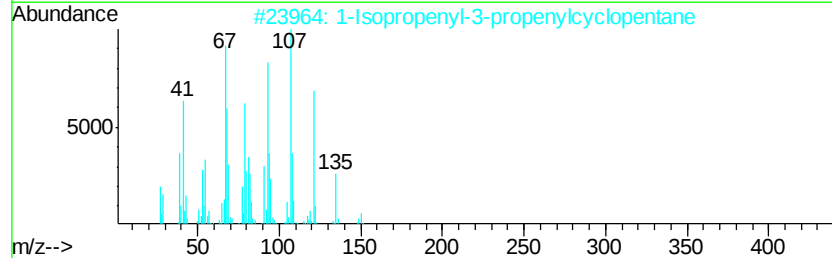
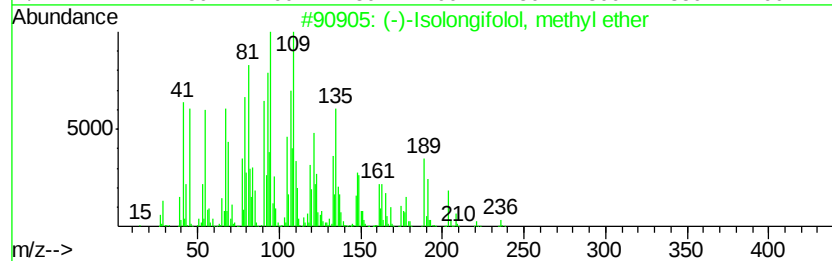
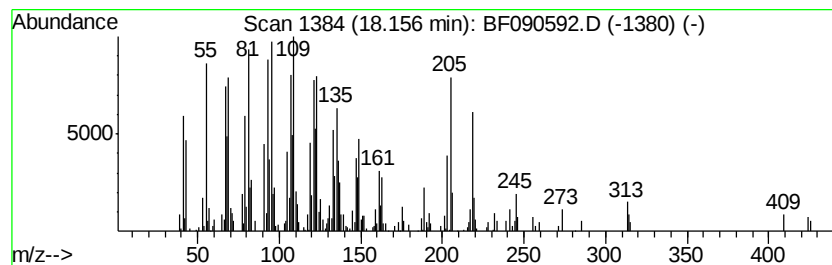
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown18.16 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	13.51 ng	748895	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	42
2		1-Isopropenyl-3-propenylcyclopentane...	150	C11H18	1000192-81-2	35
3		1-Isopropenyl-4,5-dimethylbicyclo[4.3.0]nonan-5-yl...	330	C21H30OS	1000195-85-4	35
4		1-(2-Pyridyl)piperazine	163	C9H13N3	034803-66-2	30
5		2,2,6-Trimethyl-1-(2-methyl-cyclopropyl)pyrrolidine	218	C15H22O	1000188-72-8	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090592.D
Acq On : 15 Oct 2016 7:35
Operator : UM/SJ
Sample : H5194-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

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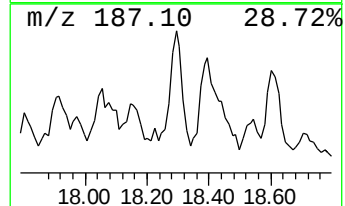
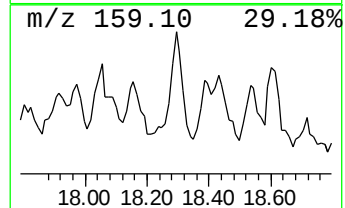
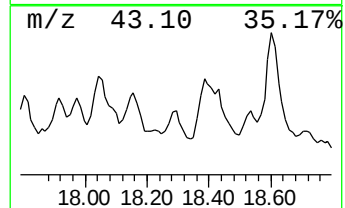
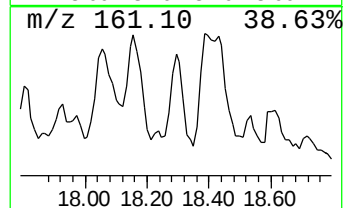
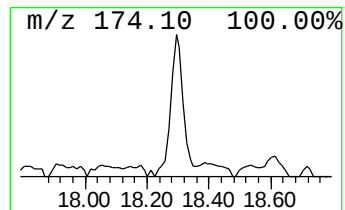
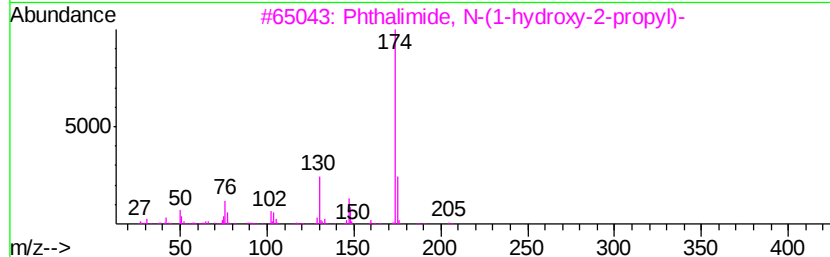
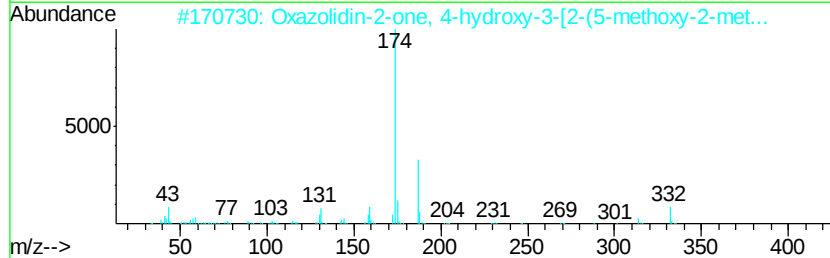
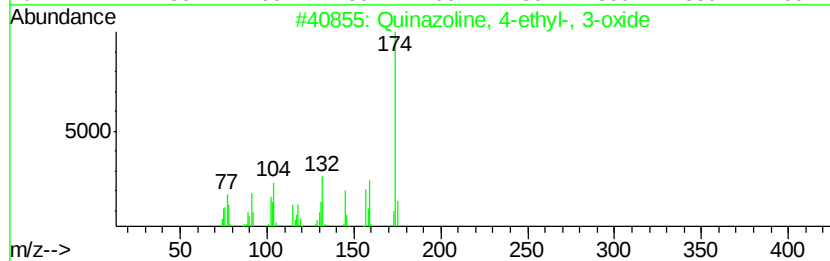
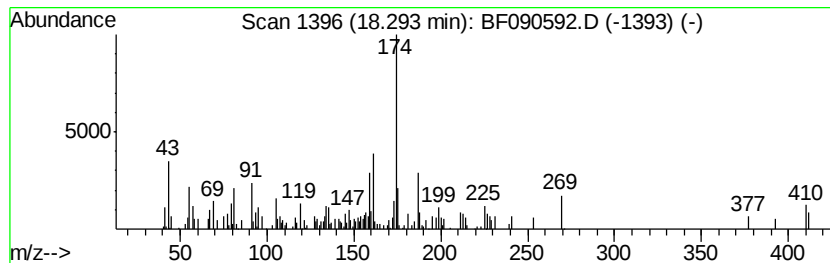
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown18.29 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	5.05 ng	279940	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Quinazoline, 4-ethyl-, 3-oxide	174	C10H10N2O	037920-74-4	43
2		Oxazolidin-2-one, 4-hydroxy-3-[2...	332	C18H24N2O4	1000310-03-3	38
3		Phthalimide, N-(1-hydroxy-2-prop...	205	C11H11N03	1000164-06-1	38
4		Alanine, 3-[bis(trimethylsilyl)a...	392	C15H40N2O2Si4	055281-99-7	38
5		Quinazoline, 4-ethyl-, 1-oxide	174	C10H10N2O	037920-75-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090592.D
Acq On : 15 Oct 2016 7:35
Operator : UM/SJ
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Misc :
ALS Vial : 32 Sample Multiplier: 1

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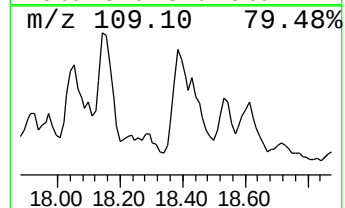
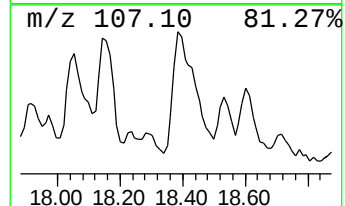
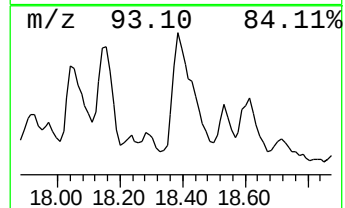
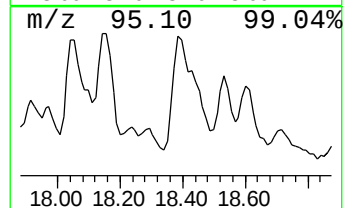
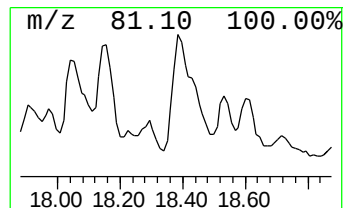
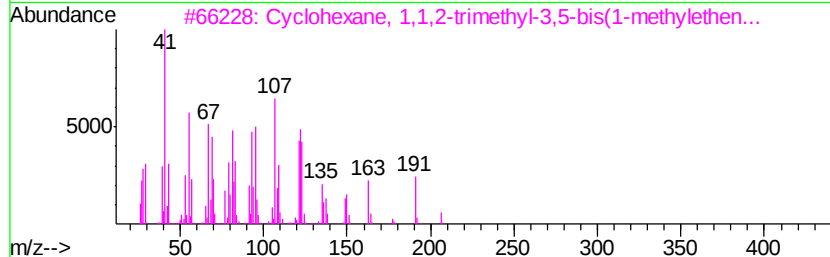
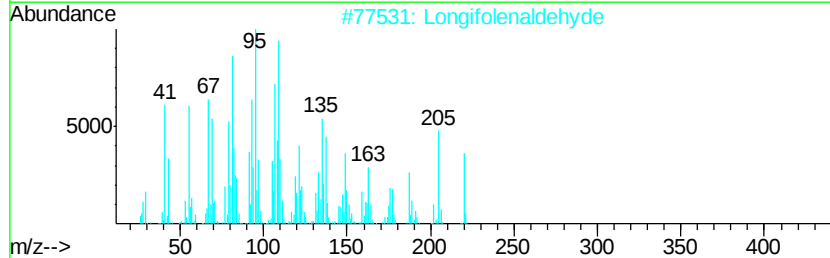
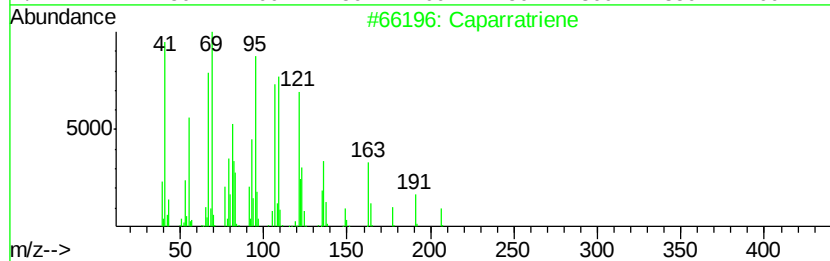
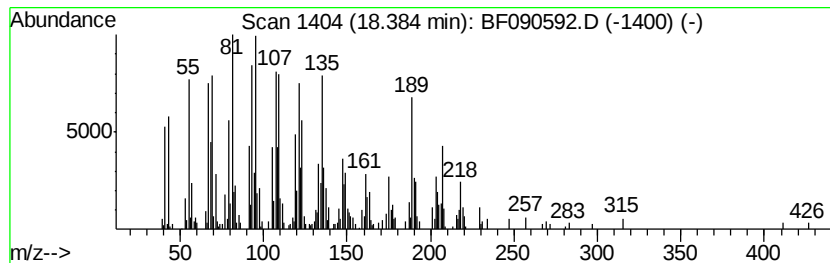
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Caparratriene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	16.22 ng	898762	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Caparratriene	206	C15H26	1000374-08-7	70
2		Longifolenaldehyde	220	C15H24O	019890-84-7	50
3		Cyclohexane, 1,1,2-trimethyl-3,5...	206	C15H26	062337-97-7	50
4		Guaia-9,11-diene	204	C15H24	1000374-19-8	49
5		1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	015423-57-1	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090592.D
Acq On : 15 Oct 2016 7:35
Operator : UM/SJ
Sample : H5194-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

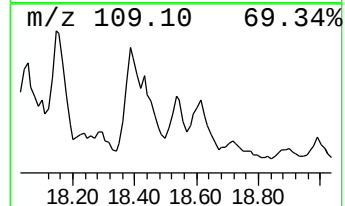
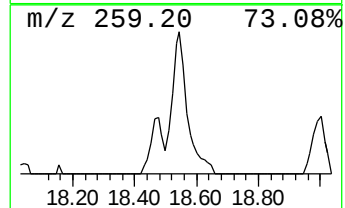
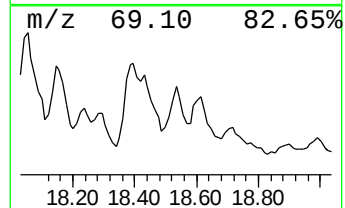
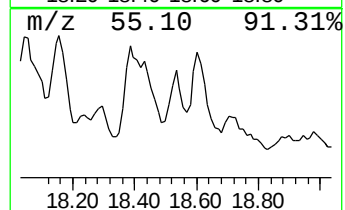
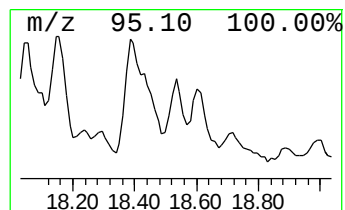
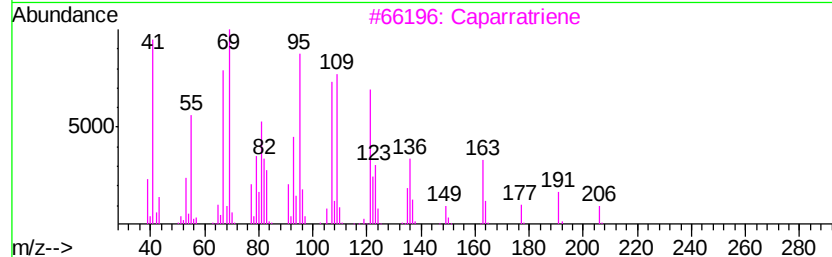
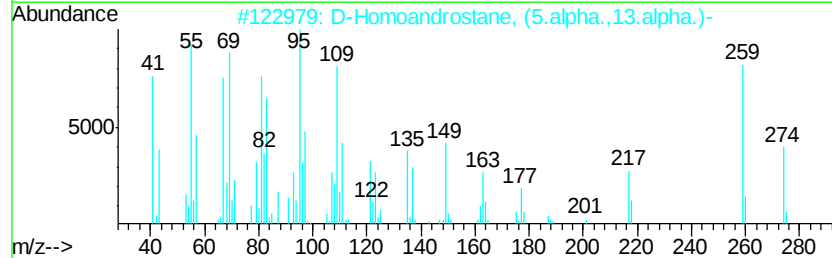
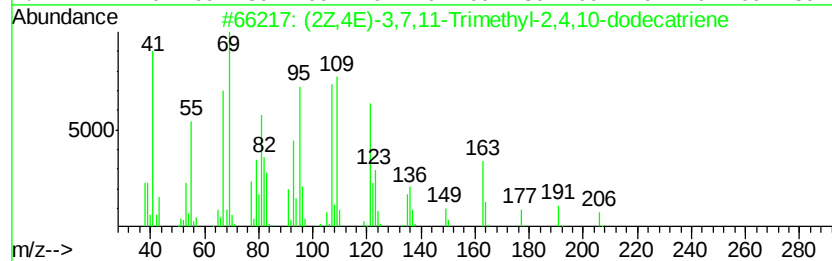
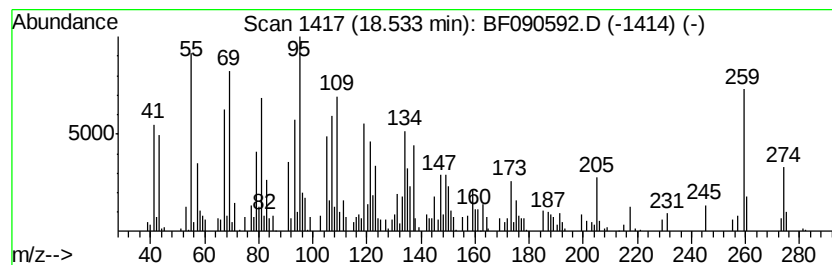
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown18.53 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	5.03 ng	278878	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	41
2		D-Homoandrostande, (5.alpha.,13.a...	274	C20H34	054482-31-4	38
3		Caparratriene	206	C15H26	1000374-08-7	35
4		Neopentylidenecyclohexane	152	C11H20	039546-80-0	30
5		Santolina epoxide	152	C10H16O	060485-45-2	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
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Operator : UM/SJ
Sample : H5194-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

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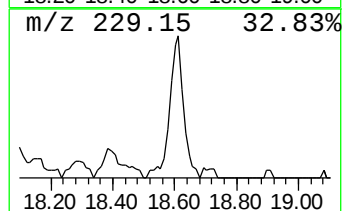
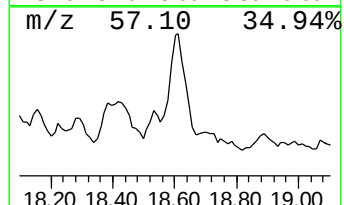
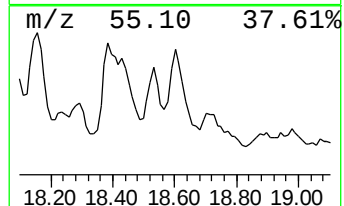
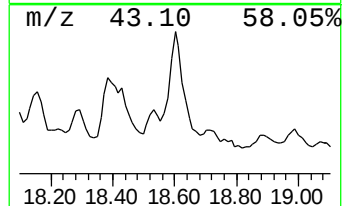
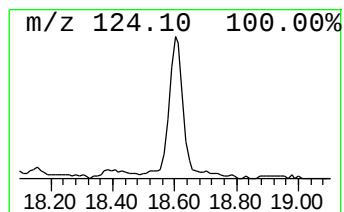
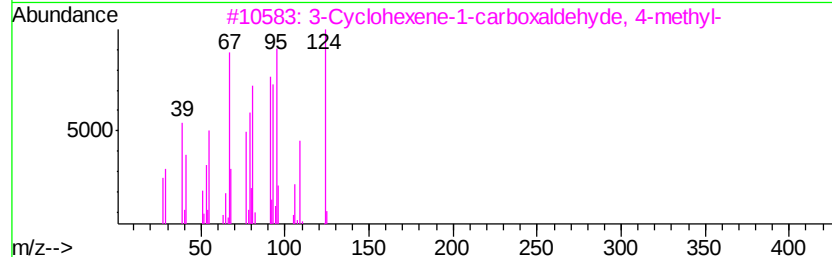
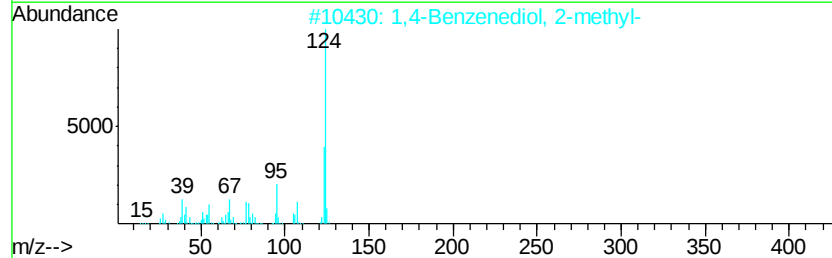
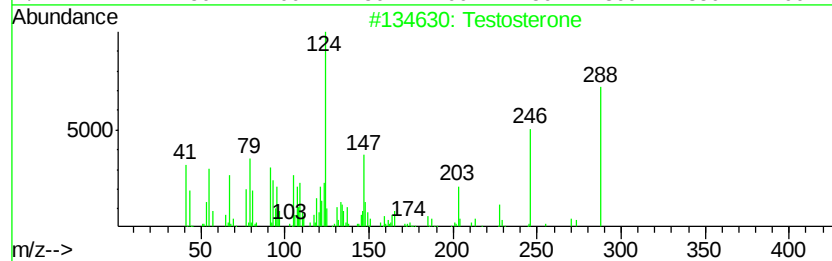
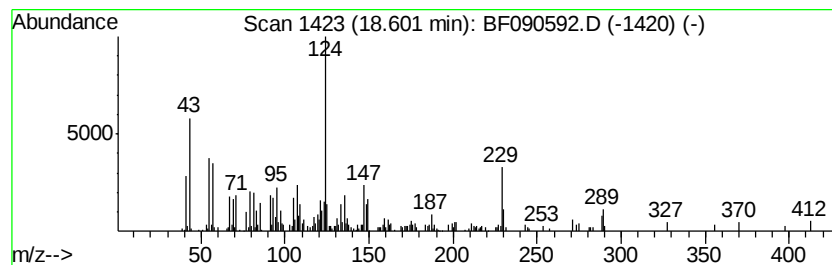
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Testosterone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	11.21 ng	621392	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Testosterone	288	C19H28O2	000058-22-0	53
2		1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	43
3		3-Cyclohexene-1-carboxaldehyde, ...	124	C8H12O	007560-64-7	43
4		4H-Pyran-4-one, 3,5-dimethyl-	124	C7H8O2	019083-61-5	38
5		2,4-Diaminophenol	124	C6H8N2O	000095-86-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090592.D
Acq On : 15 Oct 2016 7:35
Operator : UM/SJ
Sample : H5194-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

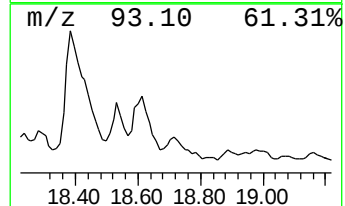
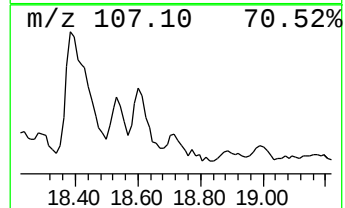
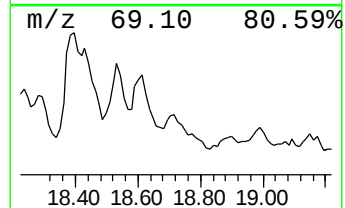
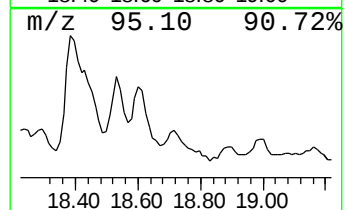
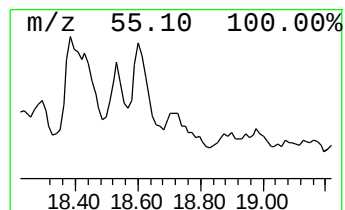
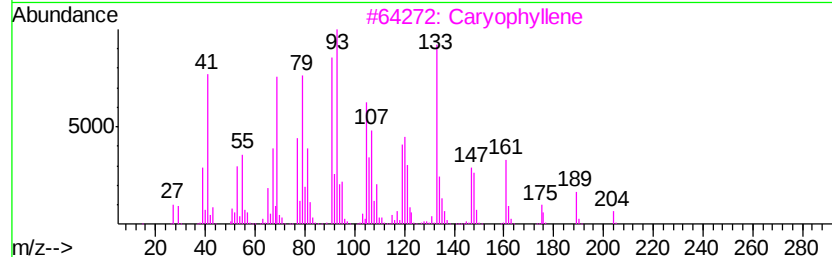
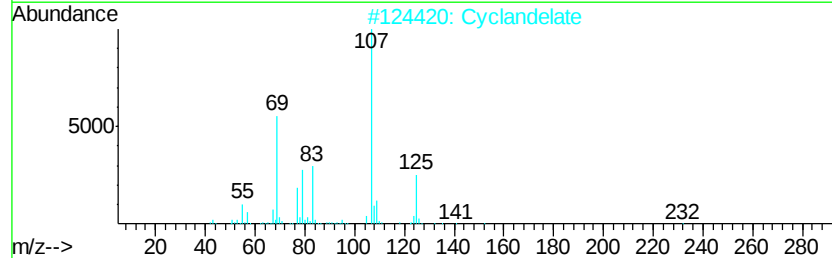
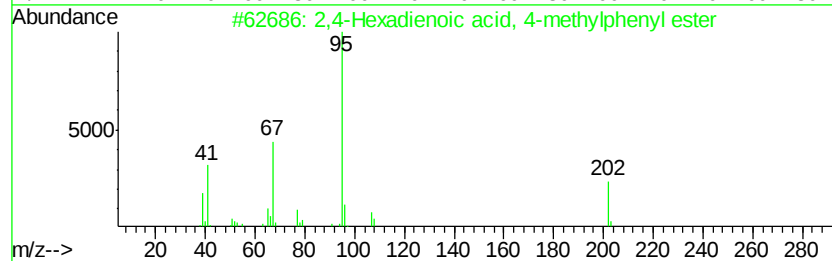
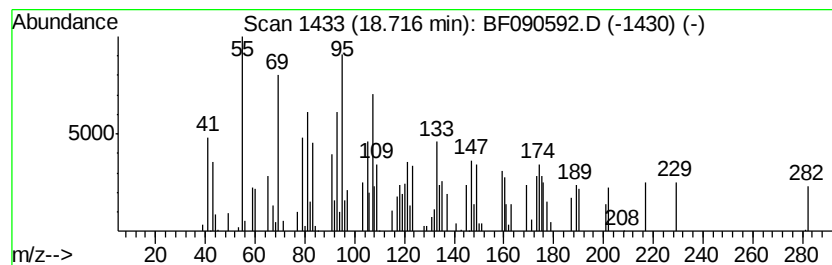
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown18.72 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	4.60 ng	254876	Perylene-d12	15.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadienoic acid, 4-methylph...	202	C13H14O2	069687-90-7	14		
2	Cyclandelate	276	C17H24O3	000456-59-7	12		
3	Carvophyllene	204	C15H24	000087-44-5	11		
4	1,5-Cycloundecadiene, 9-(1-methyl...	190	C14H22	062338-55-0	11		
5	1-Cycloheptene, 1,4-dimethyl-3-(...	204	C15H24	1000159-38-6	10		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090592.D
Acq On : 15 Oct 2016 7:35
Operator : UM/SJ
Sample : H5194-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

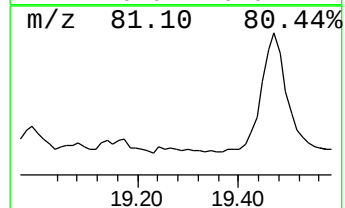
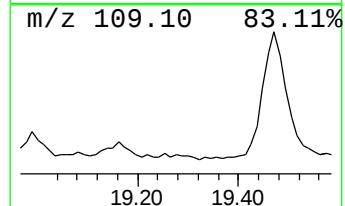
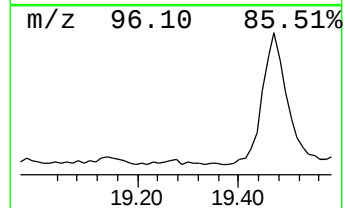
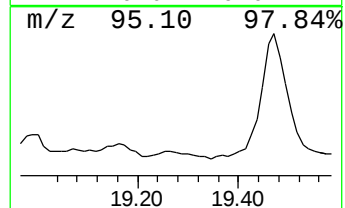
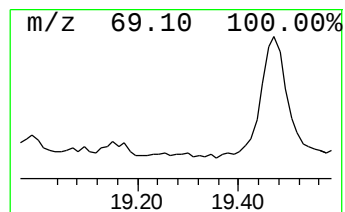
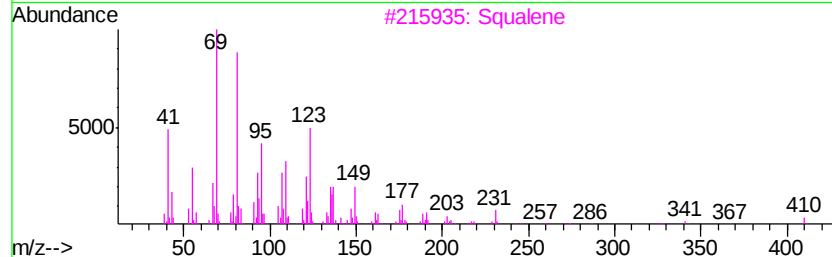
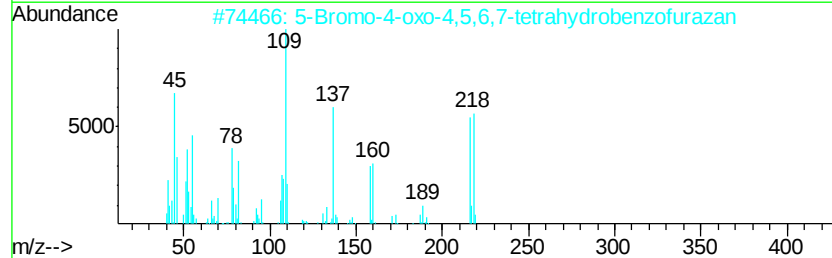
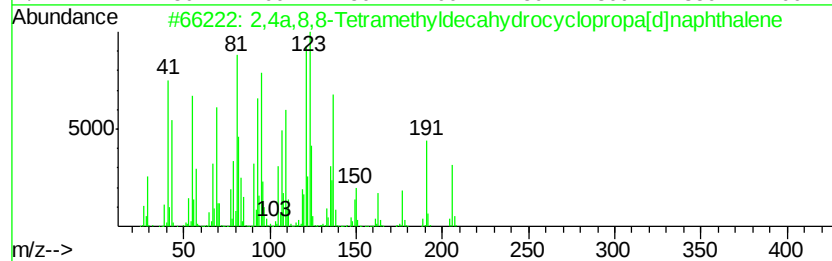
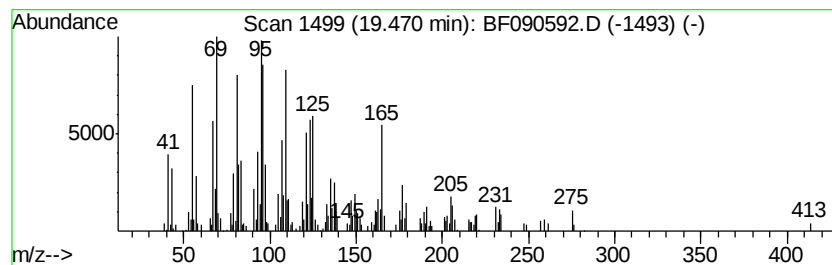
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2,4a,8,8-Tetramethyldecahyd... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	11.58 ng	641527	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	78
2		5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	53
3		Squalene	410	C30H50	000111-02-4	43
4		11-Hexadecen-1-ol, acetate, (Z)-	282	C18H34O2	034010-21-4	42
5		Imidazole, 4-methyl-5-[3,3,3-tri...	234	C10H13F3N2O	1000129-15-8	38



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 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-PLANTING-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.11	19.7	ng	1270030	1	6.92	1291830	20.0
unknown6.68	6.68	76.8	ng	4962890	1	6.92	1291830	20.0
Phenol, 4,4'-(1-m...	12.91	14.5	ng	900596	5	14.09	1240830	20.0
Tetracosane	15.21	15.0	ng	831780	6	15.55	1108260	20.0
Hexacosane	16.02	12.8	ng	711136	6	15.55	1108260	20.0
dl-.alpha.-Tocoph...	16.28	4.7	ng	259495	6	15.55	1108260	20.0
unknown17.06	17.06	4.7	ng	261726	6	15.55	1108260	20.0
.beta.-Sitosterol	17.60	18.1	ng	1004250	6	15.55	1108260	20.0
unknown17.63	17.63	28.8	ng	1592920	6	15.55	1108260	20.0
8-Amino-6,7-dimet...	17.81	6.5	ng	358681	6	15.55	1108260	20.0
13,17-Seco-5.alph...	17.92	5.3	ng	295795	6	15.55	1108260	20.0
.beta.-Amyrin	18.05	15.9	ng	883688	6	15.55	1108260	20.0
unknown18.16	18.16	13.5	ng	748895	6	15.55	1108260	20.0
unknown18.29	18.29	5.0	ng	279940	6	15.55	1108260	20.0
Caparratriene	18.38	16.2	ng	898762	6	15.55	1108260	20.0
unknown18.53	18.53	5.0	ng	278878	6	15.55	1108260	20.0
Testosterone	18.60	11.2	ng	621392	6	15.55	1108260	20.0
unknown18.72	18.72	4.6	ng	254876	6	15.55	1108260	20.0
2,4a,8,8-Tetramet...	19.47	11.6	ng	641527	6	15.55	1108260	20.0