

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
 Data File : BF081208.D
 Acq On : 25 Aug 2015 20:06
 Operator : UM/IZ
 Sample : G3407-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P002-TS02-01

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-BF081715.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	3.876	171	174	180	rBV	17689	29800	1.10%	0.103%
2	4.641	238	241	249	rVB	844371	1287219	47.51%	4.430%
3	5.099	278	281	283	rBV	1647982	1664424	61.43%	5.728%
4	5.521	316	318	320	rVB	32594	30438	1.12%	0.105%
5	6.184	372	376	378	rBV	1474986	1858663	68.60%	6.397%
6	6.299	383	386	388	rVV	1265977	1660376	61.28%	5.714%
7	6.527	404	406	408	rBV	557377	473769	17.48%	1.631%
8	6.687	417	420	422	rVB	1021910	1245918	45.98%	4.288%
9	7.099	453	456	458	rBV	1221688	1163574	42.94%	4.005%
10	7.224	463	467	469	rBV	33124	40894	1.51%	0.141%
11	7.807	516	518	521	rVB	479897	548273	20.23%	1.887%
12	8.893	610	613	616	rVV	1589053	1407360	51.94%	4.844%
13	9.293	646	648	653	rVB	432700	383617	14.16%	1.320%
14	9.556	669	671	673	rVV	679553	592159	21.85%	2.038%
15	9.590	673	674	679	rVB	24678	32247	1.19%	0.111%
16	9.693	681	683	685	rVV	27005	34043	1.26%	0.117%
17	10.345	737	740	742	rVV	741951	944168	34.85%	3.249%
18	10.482	749	752	757	rBV	36406	56705	2.09%	0.195%
19	10.608	761	763	765	rBV	59793	47579	1.76%	0.164%
20	10.733	771	774	775	rBV3	31052	43471	1.60%	0.150%
21	10.928	789	791	793	rVV	40685	37583	1.39%	0.129%
22	11.031	796	800	802	rBV	543030	714219	26.36%	2.458%
23	11.111	804	807	809	rVV2	84456	143067	5.28%	0.492%
24	11.282	819	822	827	rBV2	86206	120916	4.46%	0.416%
25	11.419	832	834	840	rVB5	13776	35171	1.30%	0.121%
26	11.511	840	842	844	rBV	46432	66837	2.47%	0.230%
27	11.545	844	845	847	rVV	29367	41518	1.53%	0.143%
28	11.591	847	849	854	rVV	418174	446023	16.46%	1.535%
29	11.671	854	856	858	rVV	41815	45216	1.67%	0.156%
30	11.762	861	864	866	rVV	42624	60546	2.23%	0.208%
31	12.105	892	894	896	rBV	24899	39838	1.47%	0.137%
32	12.196	899	902	903	rVV2	44203	52683	1.94%	0.181%
33	12.219	903	904	907	rVV	19817	27140	1.00%	0.093%
34	12.288	907	910	915	rVV4	28307	90424	3.34%	0.311%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

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Min Area: 3 % of largest Peak

Max Peaks: 100

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.368	915	917	920	rVV	43079	60346	2.23%	0.208%
36	12.448	922	924	926	rVB	33235	45922	1.69%	0.158%
37	12.608	936	938	940	rBV	1065942	1017386	37.55%	3.501%
38	12.848	956	959	963	rBV2	39444	72197	2.66%	0.248%
39	13.008	972	973	975	rVV2	22482	34239	1.26%	0.118%
40	13.042	975	976	977	rVV	41913	40353	1.49%	0.139%
41	13.076	977	979	980	rVV	50962	65371	2.41%	0.225%
42	13.111	980	982	984	rVV3	57266	70324	2.60%	0.242%
43	13.179	986	988	993	rVB2	43770	90639	3.35%	0.312%
44	13.317	998	1000	1002	rBV	32092	36728	1.36%	0.126%
45	13.522	1016	1018	1022	rBV	217455	338858	12.51%	1.166%
46	13.579	1022	1023	1026	rVB	28185	37359	1.38%	0.129%
47	13.637	1026	1028	1035	rBV	387924	515911	19.04%	1.776%
48	13.854	1044	1047	1050	rBV4	22630	44133	1.63%	0.152%
49	14.162	1071	1074	1077	rBV	208940	320589	11.83%	1.103%
50	14.505	1102	1104	1106	rVB	96783	87363	3.22%	0.301%
51	14.562	1107	1109	1112	rVB	46810	65368	2.41%	0.225%
52	14.620	1112	1114	1118	rBV2	58440	130010	4.80%	0.447%
53	14.722	1122	1123	1128	rVV2	107789	226365	8.35%	0.779%
54	14.871	1133	1136	1138	rVV2	35455	55810	2.06%	0.192%
55	14.928	1138	1141	1143	rVV2	82662	120277	4.44%	0.414%
56	14.974	1143	1145	1149	rVV	337910	387078	14.29%	1.332%
57	15.088	1153	1155	1160	rVB4	31231	69618	2.57%	0.240%
58	15.202	1163	1165	1170	rVV3	56600	183371	6.77%	0.631%
59	15.294	1170	1173	1177	rVV	107368	194436	7.18%	0.669%
60	15.385	1178	1181	1183	rVV	57129	91529	3.38%	0.315%
61	15.431	1183	1185	1187	rVV	113543	189672	7.00%	0.653%
62	15.488	1187	1190	1192	rVV	86848	157934	5.83%	0.544%
63	15.534	1192	1194	1196	rVV2	34850	73056	2.70%	0.251%
64	15.591	1196	1199	1203	rVB	197770	328456	12.12%	1.130%
65	15.682	1205	1207	1211	rVB2	39452	65398	2.41%	0.225%
66	16.014	1233	1236	1240	rBV	51231	99288	3.66%	0.342%
67	16.140	1245	1247	1249	rBV2	24754	53996	1.99%	0.186%
68	16.197	1249	1252	1255	rVB2	52393	98423	3.63%	0.339%
69	16.288	1258	1260	1261	rBV2	24703	37041	1.37%	0.127%
70	16.334	1262	1264	1266	rVV2	34668	56487	2.08%	0.194%
71	16.403	1267	1270	1275	rVB4	64702	190514	7.03%	0.656%

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72	16.494	1275	1278	1283	rVB3	17665	47332	1.75%	0.163%
73	16.620	1285	1289	1297	rBV	399702	1135104	41.89%	3.907%
74	16.871	1307	1311	1314	rBV2	139202	332522	12.27%	1.144%
75	16.974	1317	1320	1324	rVV2	60554	180189	6.65%	0.620%
76	17.054	1324	1327	1331	rVB2	147561	374376	13.82%	1.288%
77	17.168	1335	1337	1340	rVB2	39514	74556	2.75%	0.257%
78	17.248	1340	1344	1346	rBV2	117903	369054	13.62%	1.270%
79	17.351	1351	1353	1356	rVV	99962	249931	9.22%	0.860%
80	17.420	1356	1359	1364	rVB	217942	503691	18.59%	1.734%
81	17.637	1375	1378	1382	rBV4	25219	62777	2.32%	0.216%
82	17.706	1382	1384	1389	rVB3	21384	45981	1.70%	0.158%
83	17.831	1392	1395	1400	rVB2	54733	143626	5.30%	0.494%
84	18.106	1413	1419	1425	rBV	396026	1307089	48.24%	4.499%
85	18.254	1425	1432	1439	rVB	858929	2709581	100.00%	9.325%
86	18.597	1457	1462	1468	rVB8	22775	97811	3.61%	0.337%
87	19.831	1565	1570	1577	rVB8	30602	107515	3.97%	0.370%
88	20.071	1587	1591	1606	rVB9	17094	97113	3.58%	0.334%

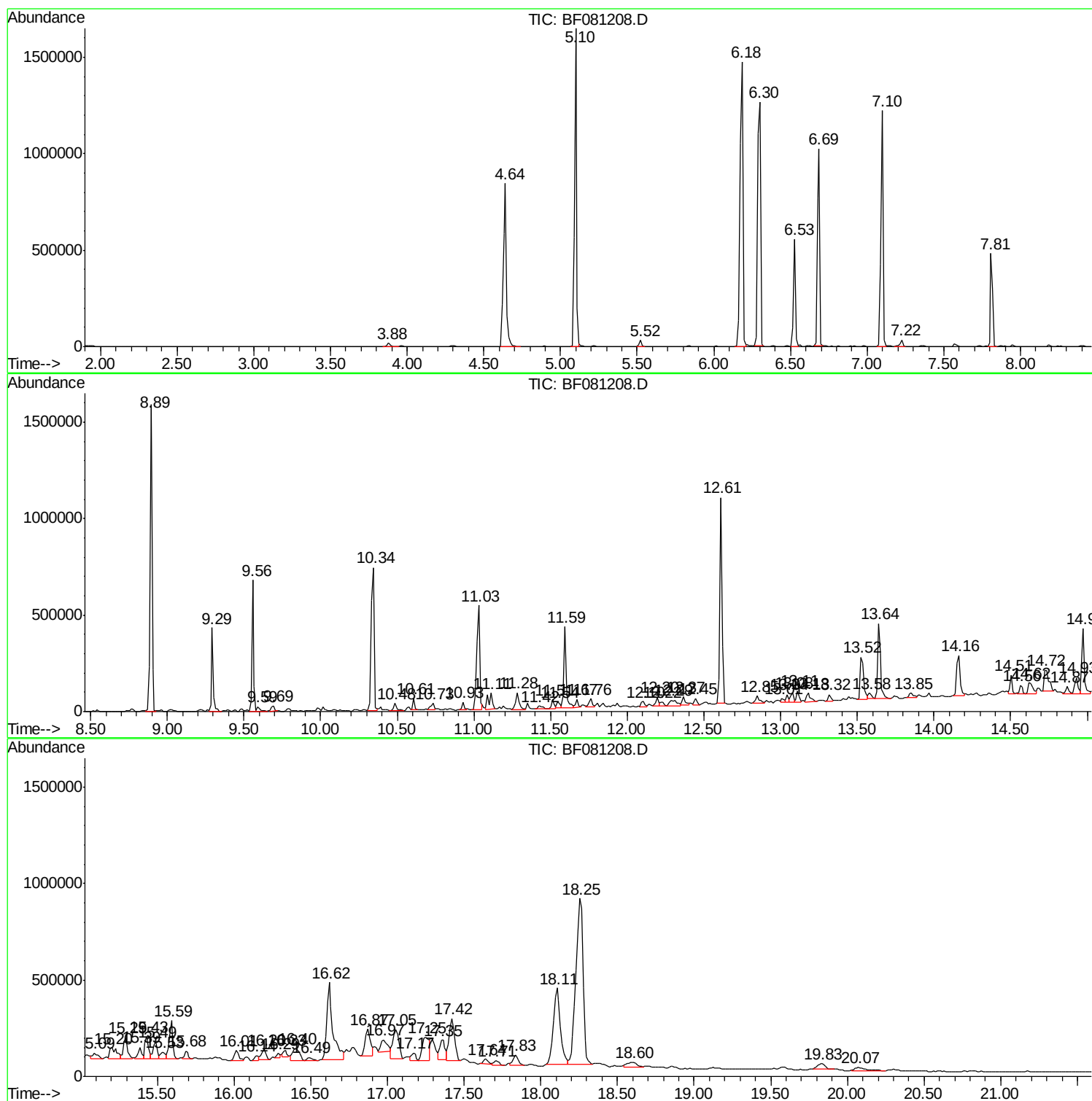
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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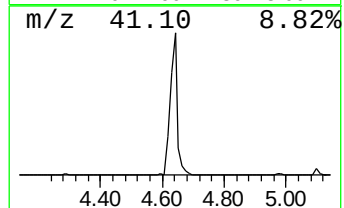
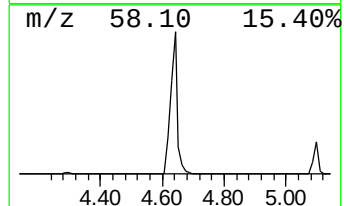
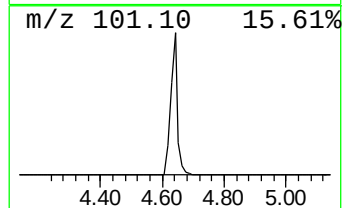
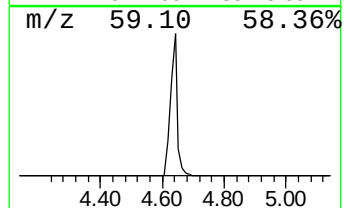
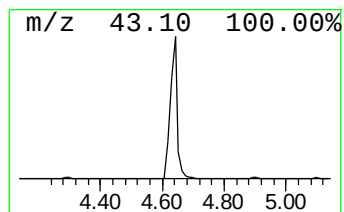
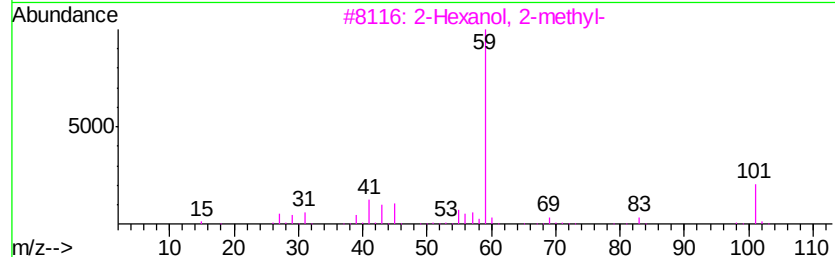
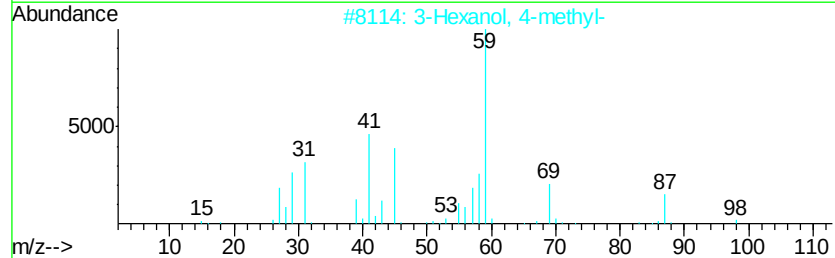
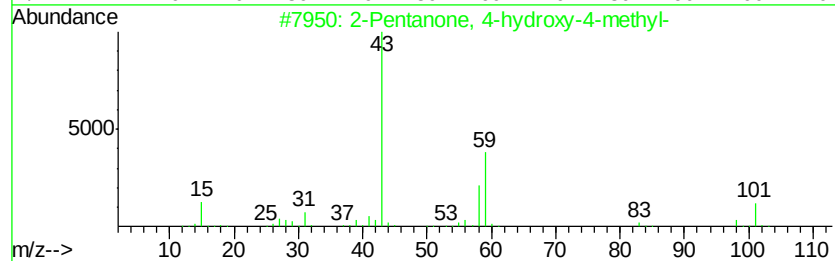
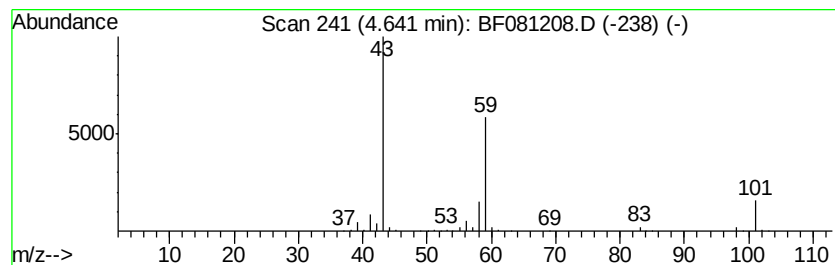
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	54.34 ng	1287220	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17



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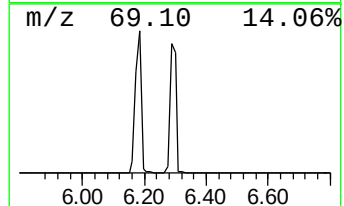
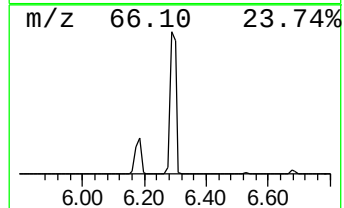
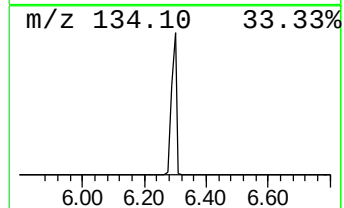
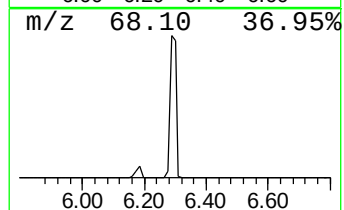
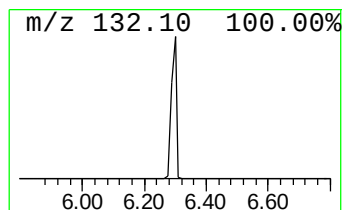
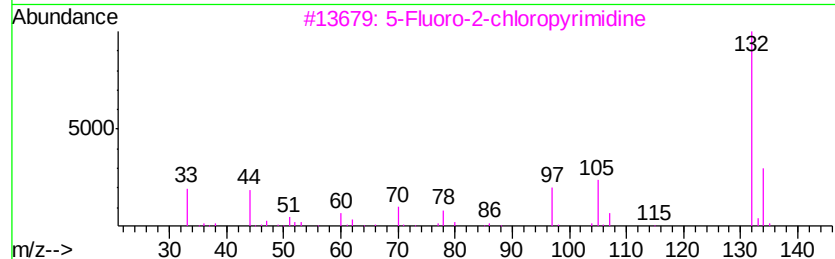
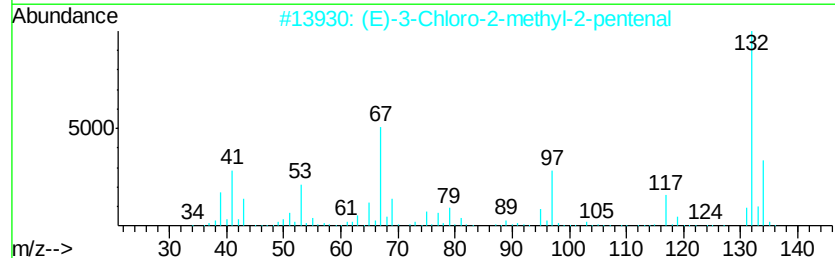
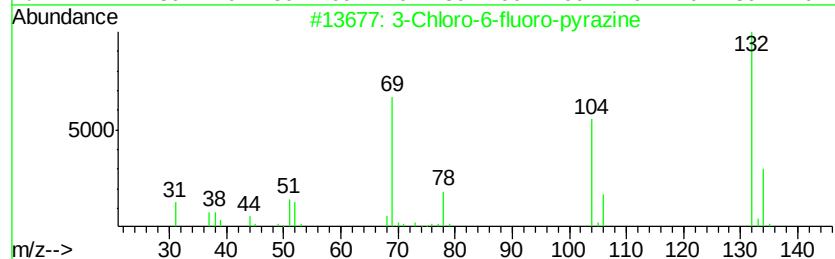
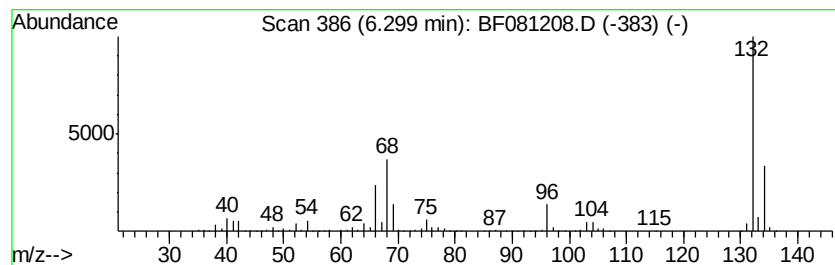
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.30 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	70.09 ng	1660380	1,4-Dichlorobenzene-d4	6.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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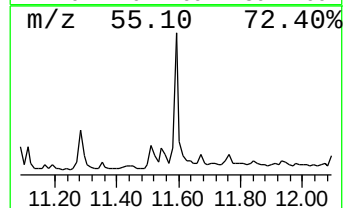
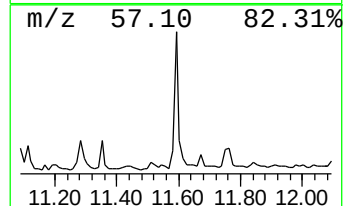
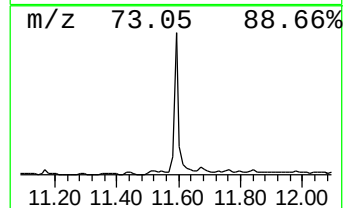
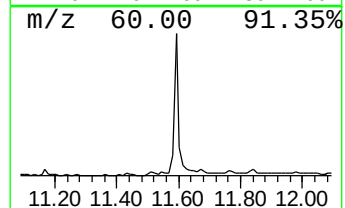
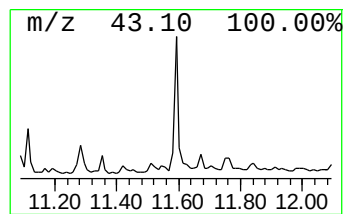
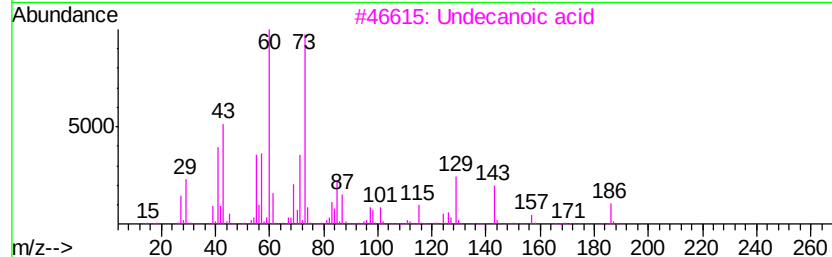
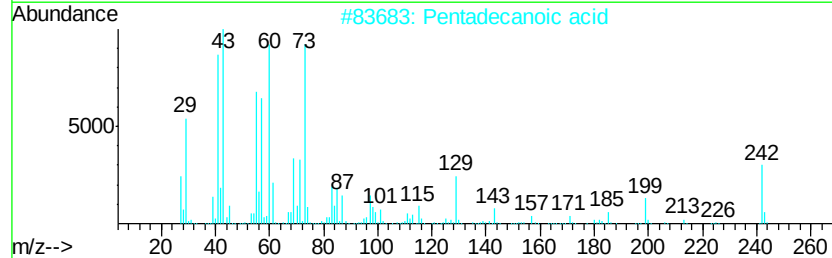
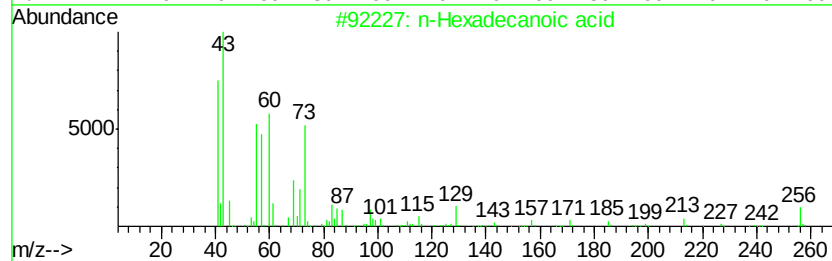
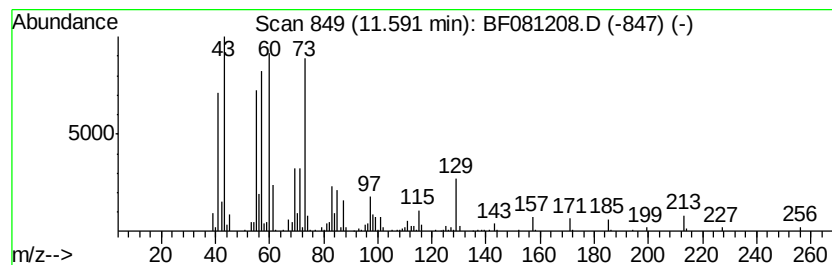
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.59	12.49 ng	446023	Phenanthrene-d10		11.03
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Undecanoic acid	186	C11H22O2	000112-37-8	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80



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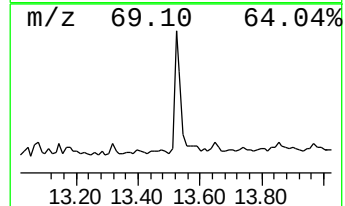
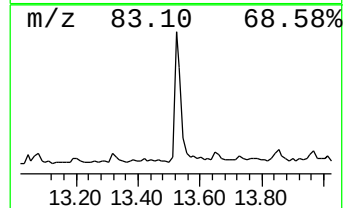
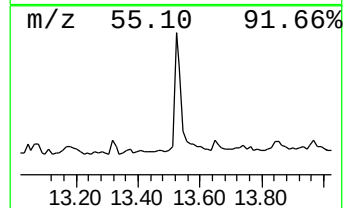
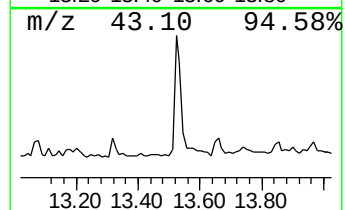
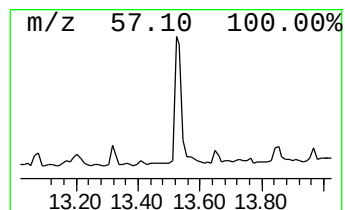
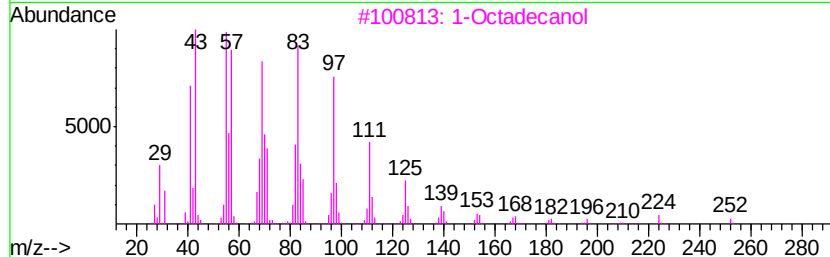
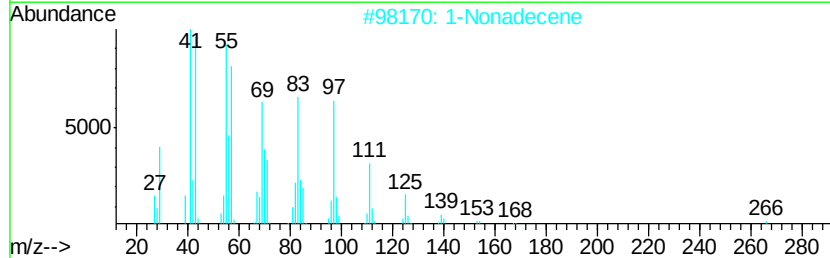
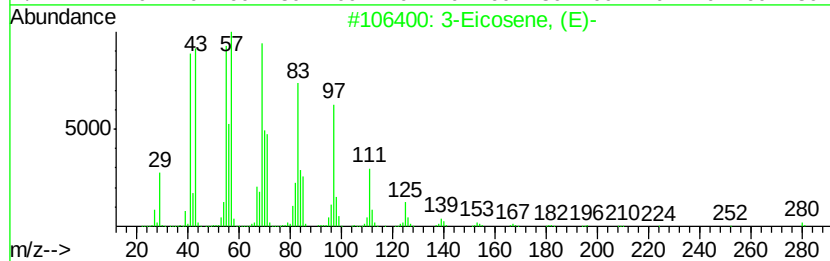
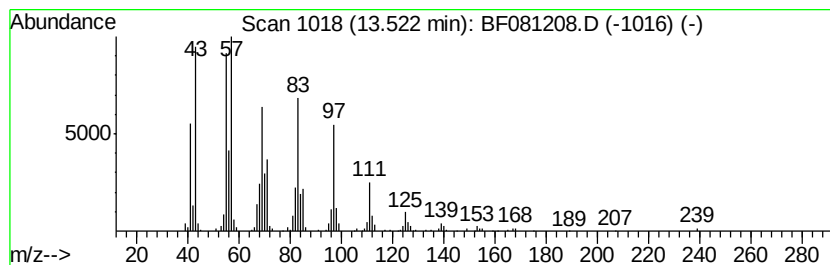
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 3-Eicosene, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	13.14 ng	338858	Chrysene-d12	13.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2		1-Nonadecene	266	C19H38	018435-45-5	91
3		1-Octadecanol	270	C18H38O	000112-92-5	91
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	90
5		1-Docosene	308	C22H44	001599-67-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081208.D
Acq On : 25 Aug 2015 20:06
Operator : UM/IZ
Sample : G3407-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P002-TS02-01

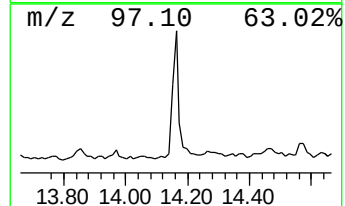
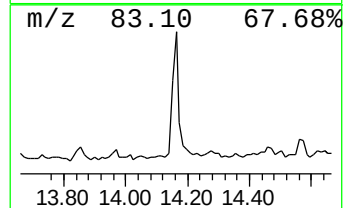
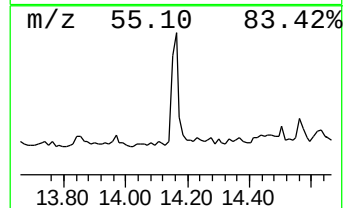
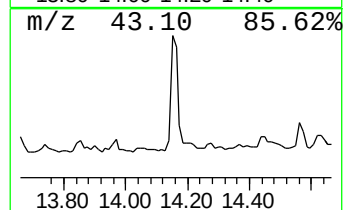
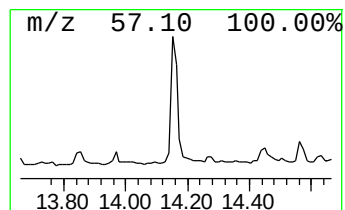
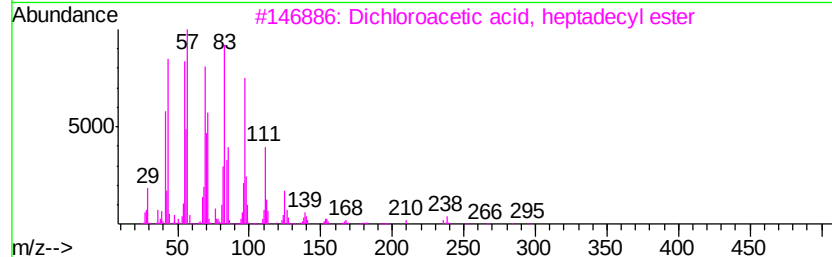
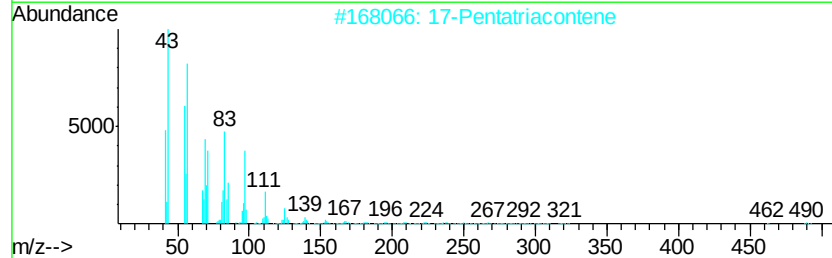
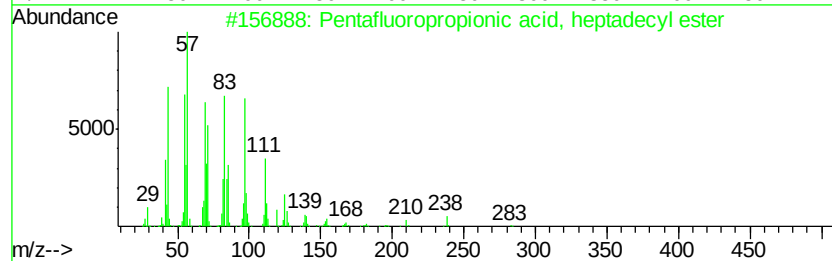
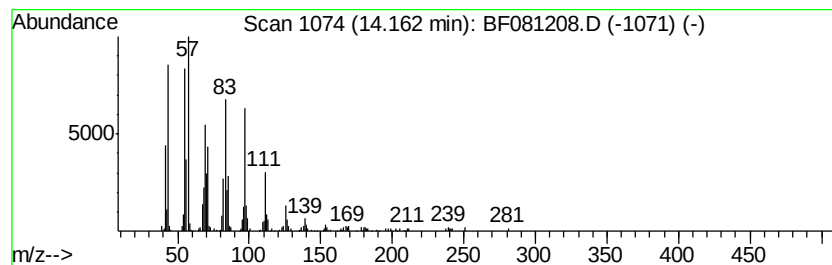
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	12.43 ng	320589	Chrysene-d12	13.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
5		1-Docosene	308	C22H44	001599-67-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081208.D
Acq On : 25 Aug 2015 20:06
Operator : UM/IZ
Sample : G3407-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P002-TS02-01

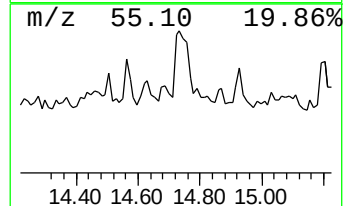
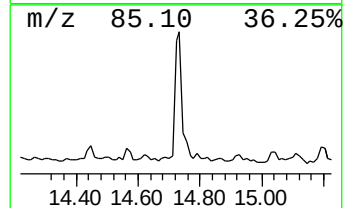
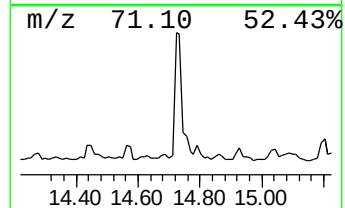
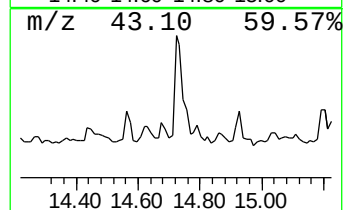
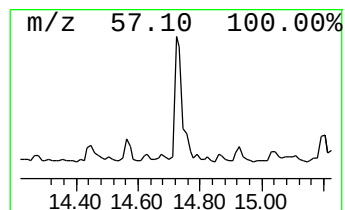
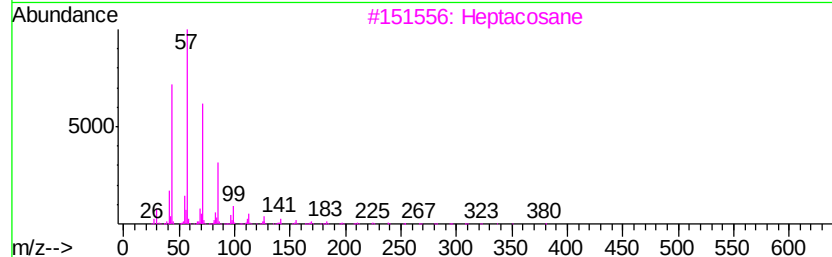
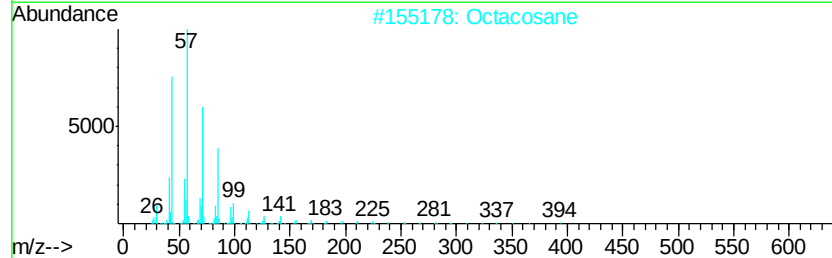
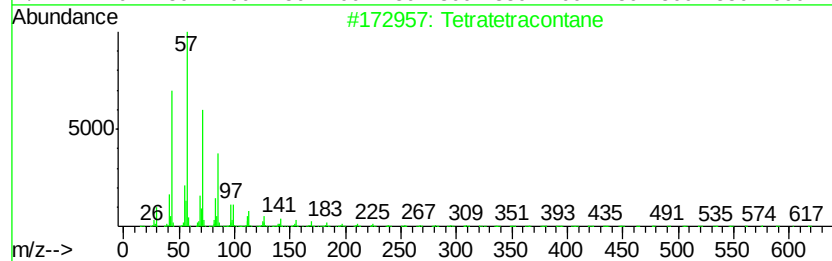
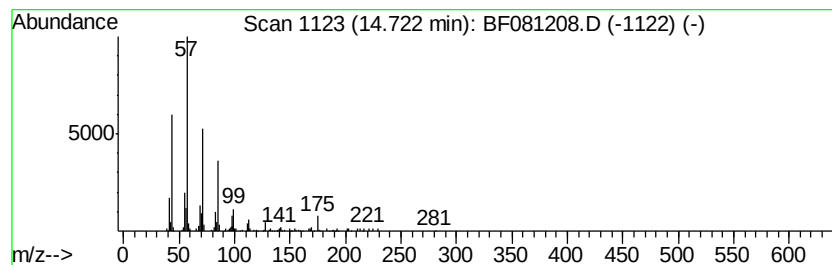
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetratetracontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	11.70 ng	226365	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Octacosane	394	C28H58	000630-02-4	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081208.D
Acq On : 25 Aug 2015 20:06
Operator : UM/IZ
Sample : G3407-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

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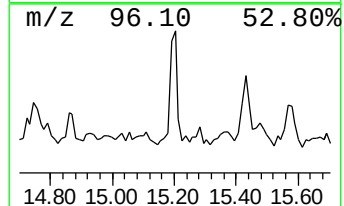
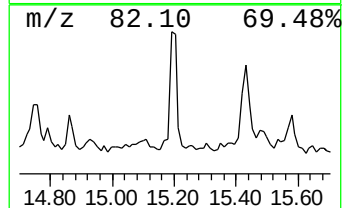
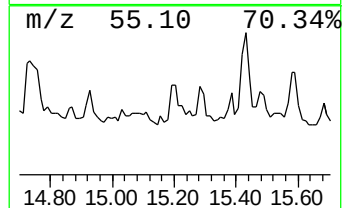
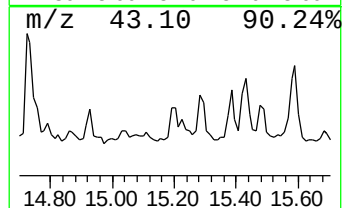
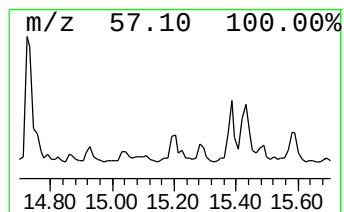
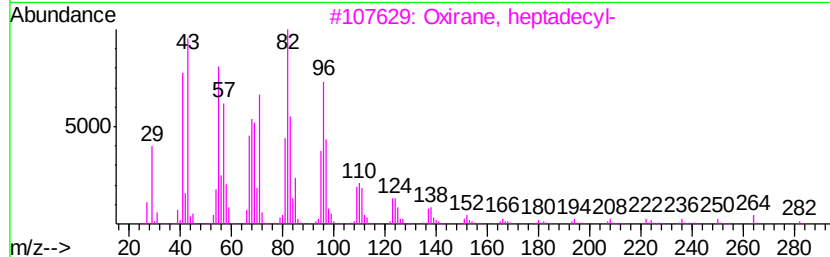
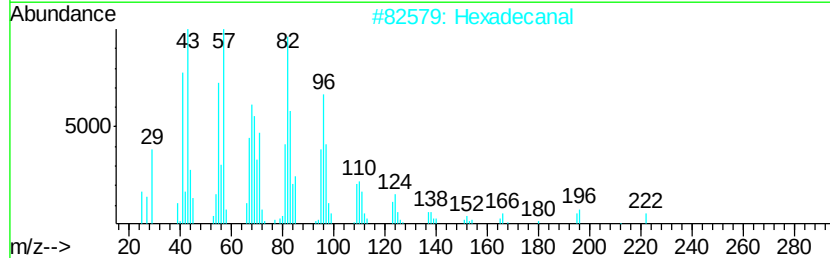
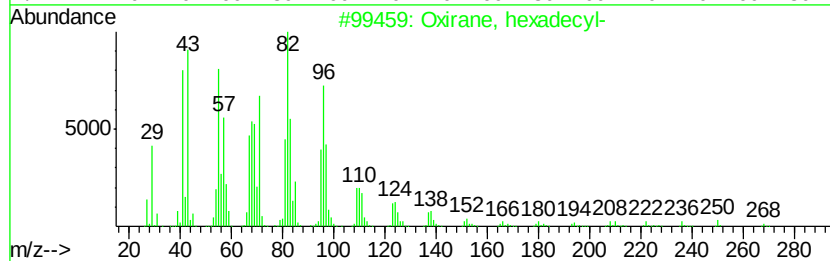
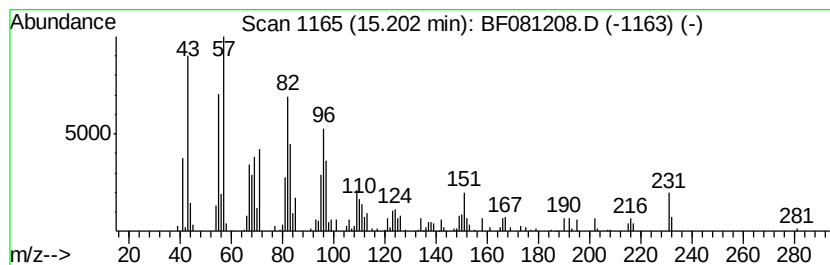
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Oxirane, hexadecyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	9.47 ng	183371	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81
2		Hexadecanal	240	C16H32O	000629-80-1	72
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	70
4		1,19-Eicosadiene	278	C20H38	014811-95-1	64
5		1,16-Hexadecanediol	258	C16H34O2	007735-42-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081208.D
Acq On : 25 Aug 2015 20:06
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Misc :
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ClientSampleId :
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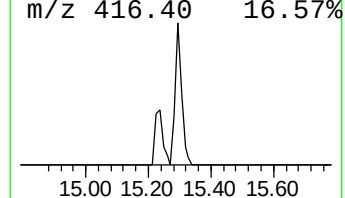
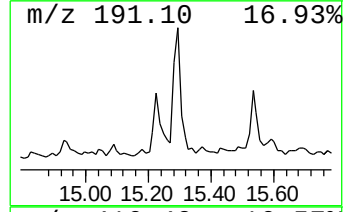
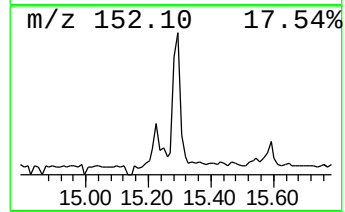
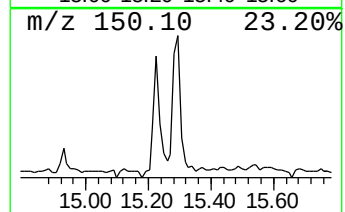
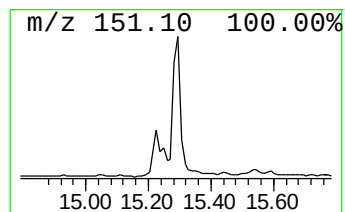
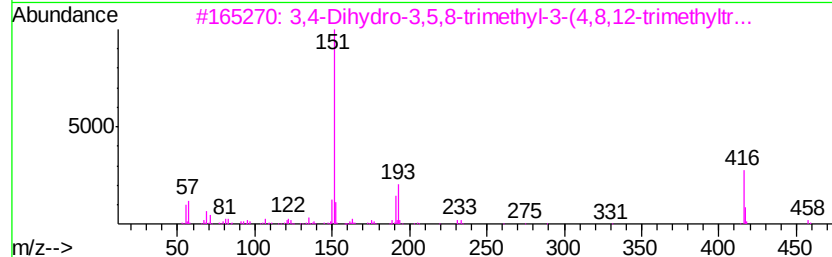
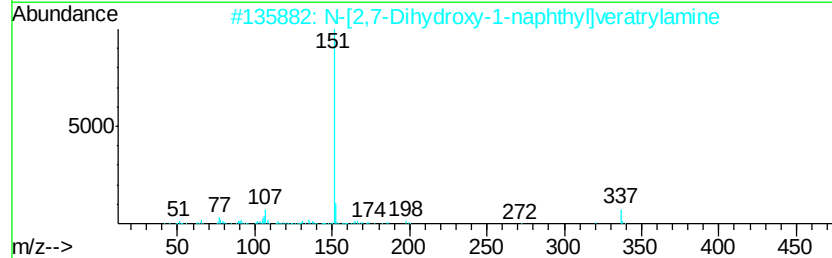
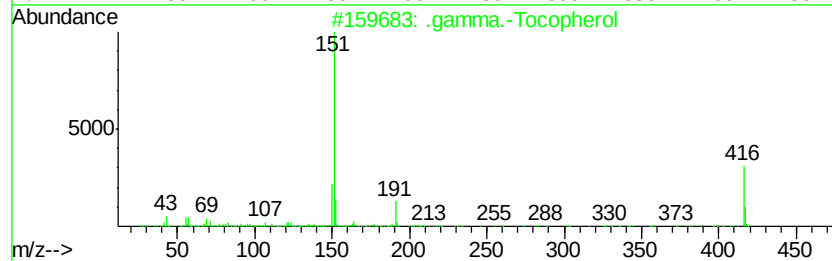
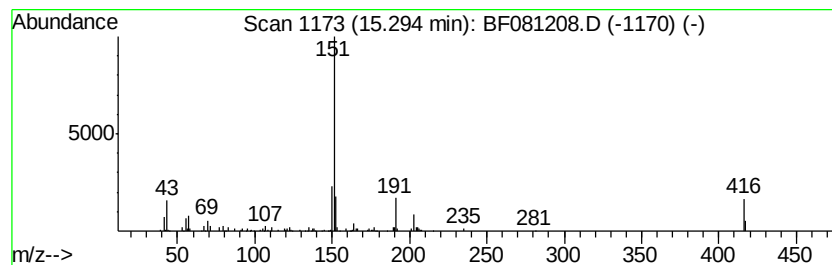
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 .gamma.-Tocopherol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	10.05 ng	194436	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Tocopherol	416	C28H48O2	007616-22-0	93
2		N-[2,7-Dihydroxy-1-naphthyl]vera...	337	C20H19N04	1000255-57-7	38
3		3,4-Dihydro-3,5,8-trimethyl-3-(4...	458	C30H50O3	1000105-71-9	32
4		4-Ethylbenzoic acid, octadecyl e...	402	C27H46O2	1000292-35-1	28
5		p-tert-Octylresorcinol	222	C14H22O2	028122-52-3	28



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
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Acq On : 25 Aug 2015 20:06
Operator : UM/IZ
Sample : G3407-02
Misc :
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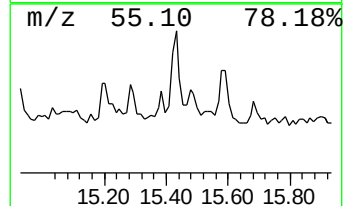
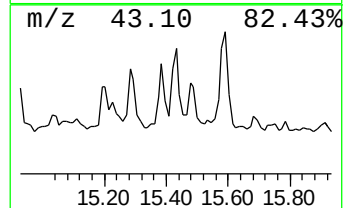
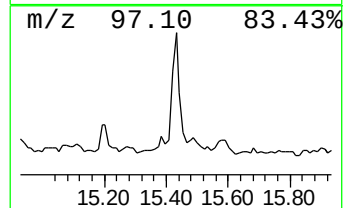
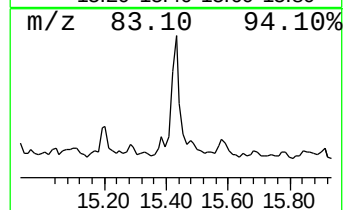
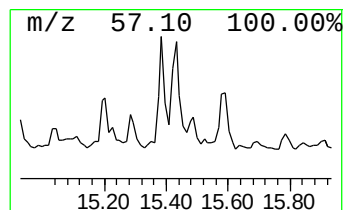
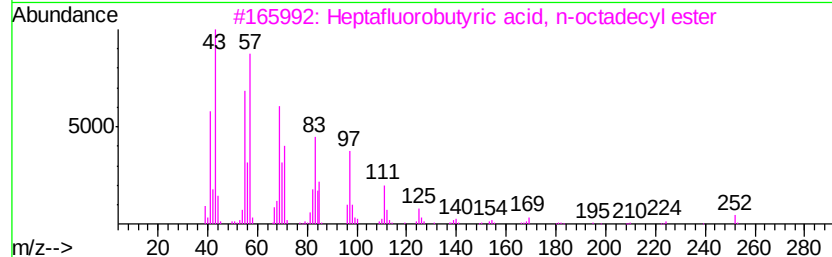
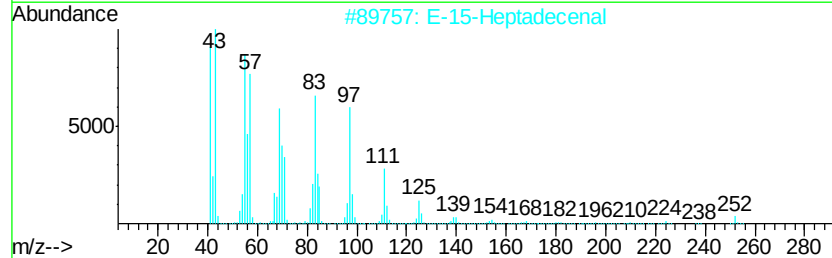
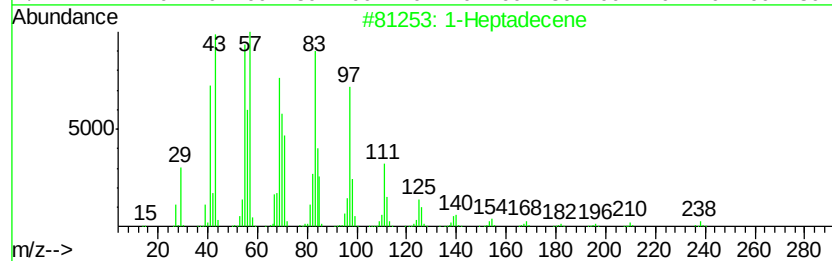
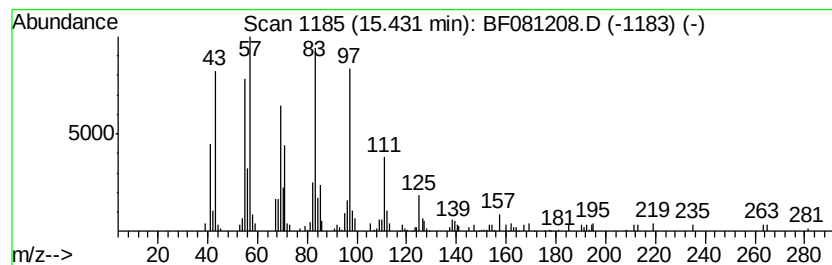
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Heptadecene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.43	9.80 ng	189672	Perylene-d12	14.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	86
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	86
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	53
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	49
5	17-Pentatriacontene	491	C35H70	006971-40-0	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
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Acq On : 25 Aug 2015 20:06
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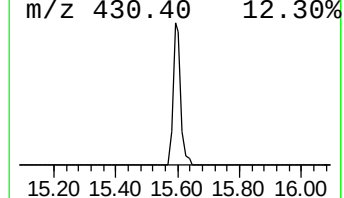
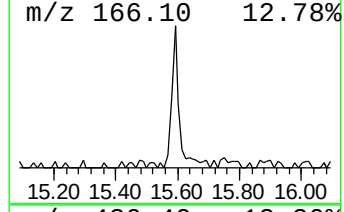
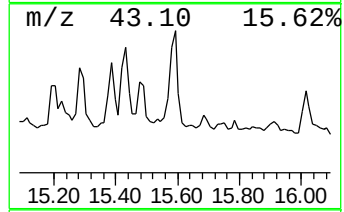
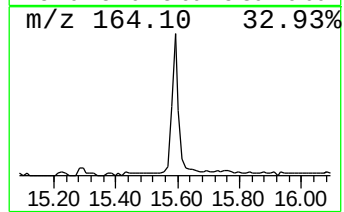
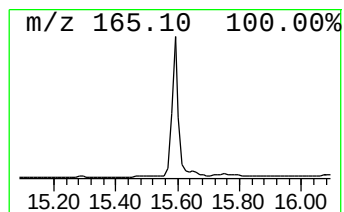
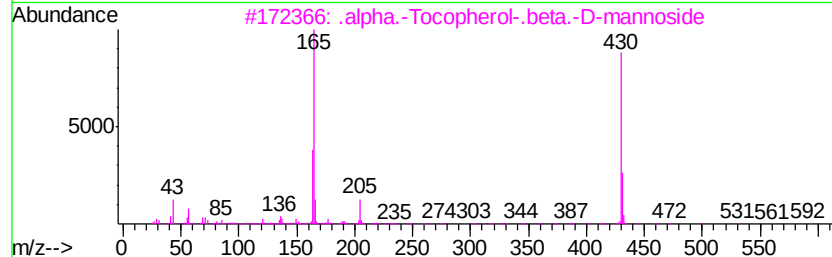
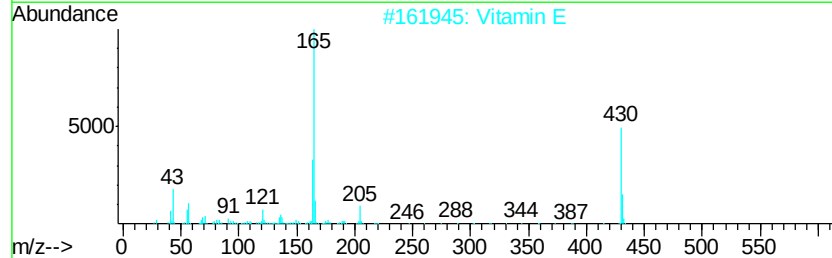
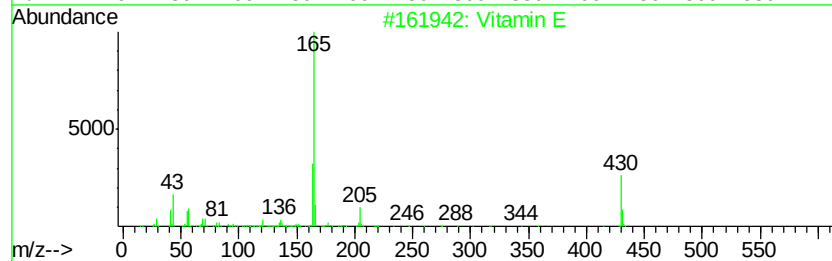
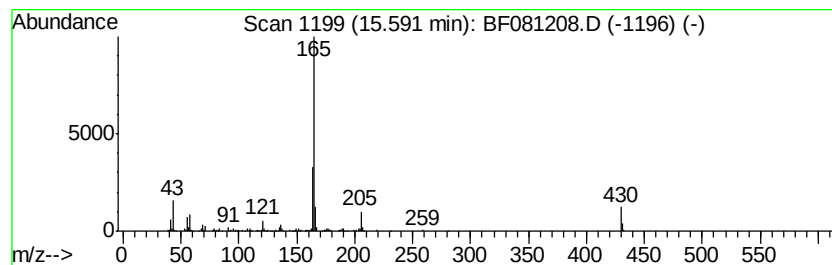
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Vitamin E Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	16.97 ng	328456	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vitamin E	430	C29H50O2	010191-41-0	97
2		Vitamin E	430	C29H50O2	000059-02-9	93
3		.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	90
4		Benzenamine, 3-methoxy-2,4,6-tri...	165	C10H15NO	034874-88-9	53
5		Isoxaben	332	C18H24N2O4	082558-50-7	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081208.D
Acq On : 25 Aug 2015 20:06
Operator : UM/IZ
Sample : G3407-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

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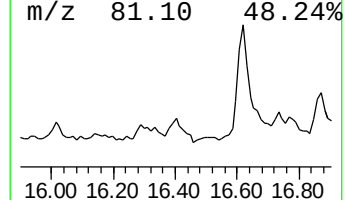
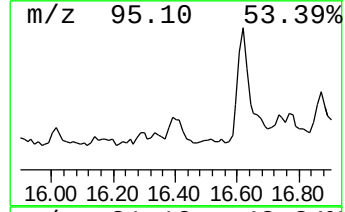
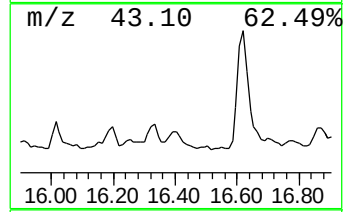
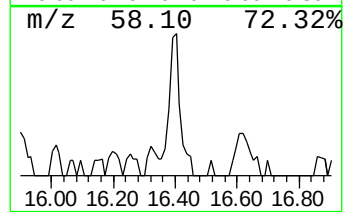
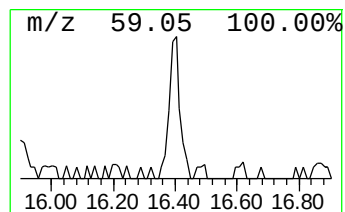
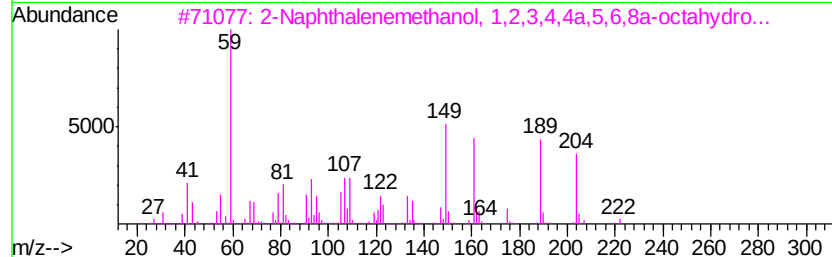
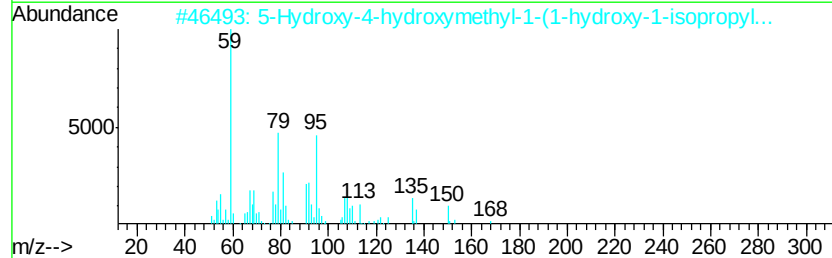
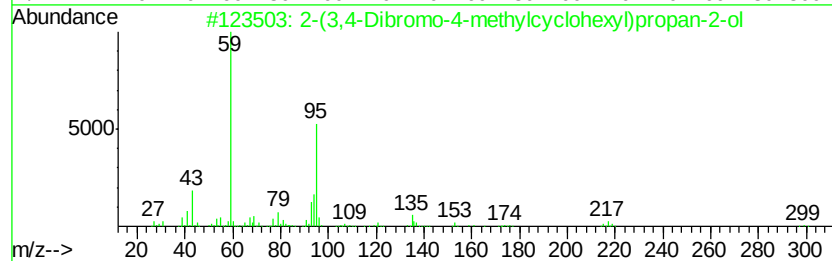
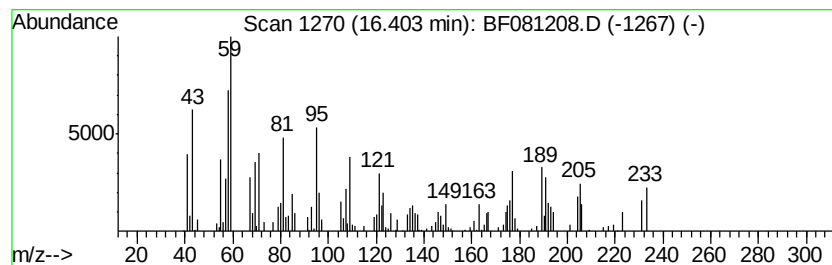
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown16.40 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	9.84 ng	190514	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	35
2		5-Hydroxy-4-hydroxymethyl-1-(1-h...	186	C10H18O3	087096-72-8	25
3		2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	000473-16-5	25
4		Lactic acid, 2-methyl-, 2-phenyl...	194	C10H14N2O2	015421-39-3	18
5		9,9'-Biphenanthrene, octacosahydro-	382	C28H46	055334-18-4	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081208.D
Acq On : 25 Aug 2015 20:06
Operator : UM/IZ
Sample : G3407-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P002-TS02-01

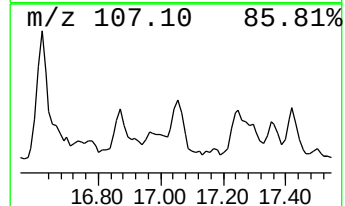
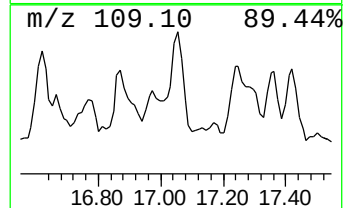
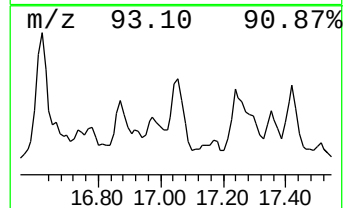
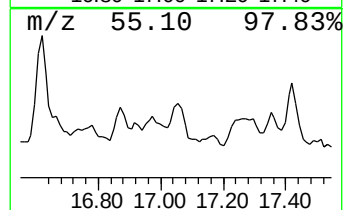
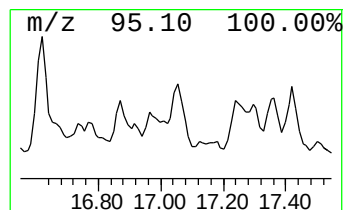
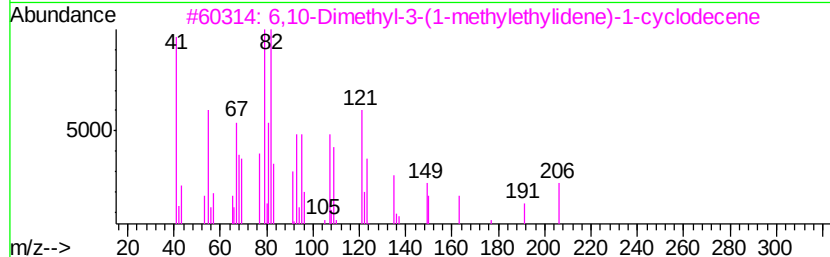
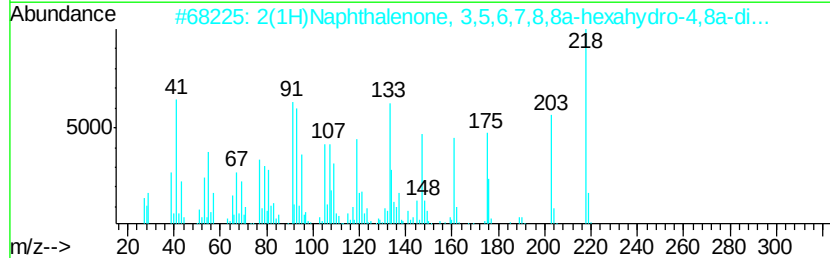
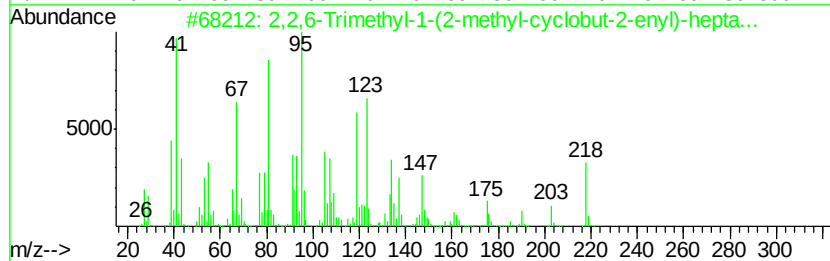
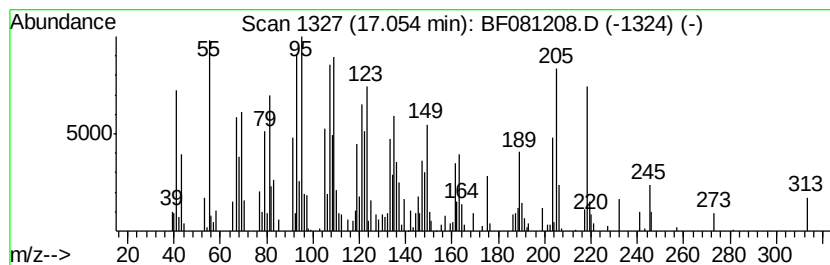
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown17.05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	19.34 ng	374376	Perylene-d12	14.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	46		
2	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	44		
3	6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	43		
4	2-Butenal, 2-methyl-4-(2,6,6-tri...	206	C14H22O	003155-71-3	43		
5	4,6,6-Trimethyl-2-(3-methylbuta...	218	C15H22O	1000190-22-2	35		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081208.D
Acq On : 25 Aug 2015 20:06
Operator : UM/IZ
Sample : G3407-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P002-TS02-01

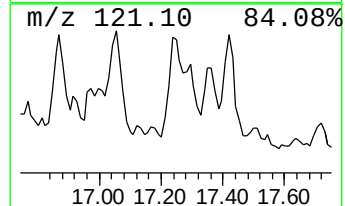
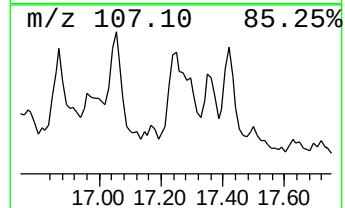
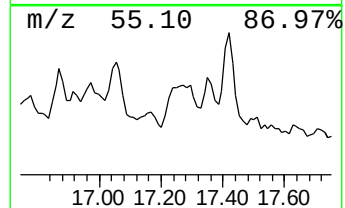
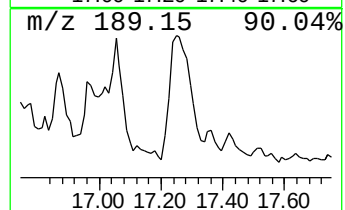
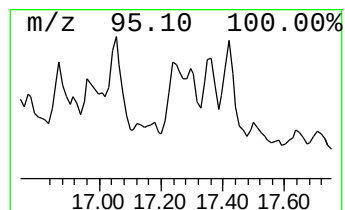
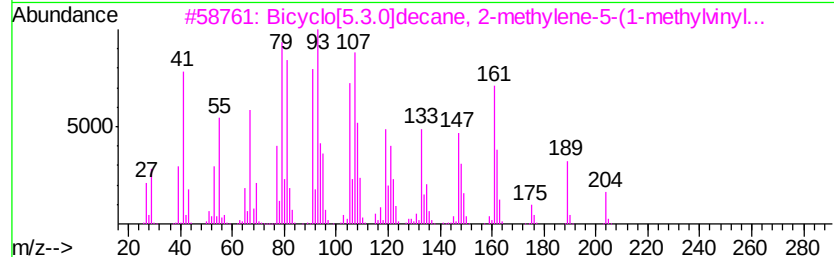
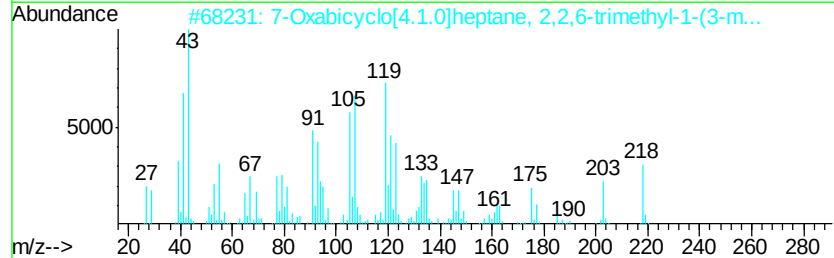
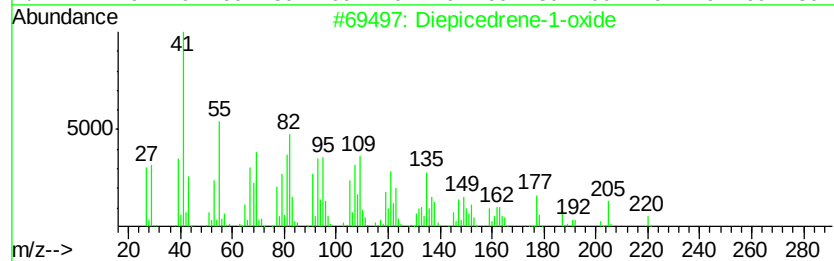
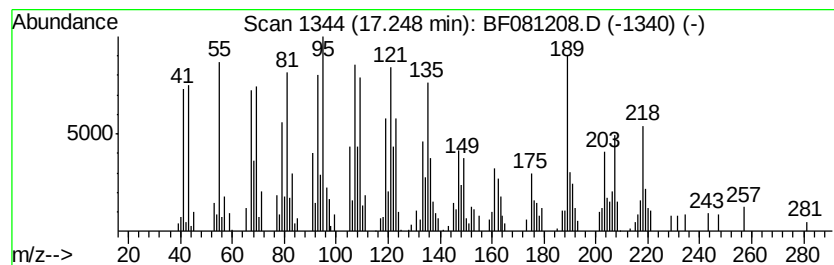
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Diepicedrene-1-oxide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	19.07 ng	369054	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diepicedrene-1-oxide	220	C15H24O	1000156-11-0	64
2		7-Oxabicyclo[4.1.0]heptane, 2,2,...	218	C15H22O	070038-20-9	48
3		Bicyclo[5.3.0]decane, 2-methylen...	204	C15H24	1000159-39-3	41
4		2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	40
5		1-Formyl-2,2,6-trimethyl-3-cis-(...	220	C15H24O	1000144-10-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081208.D
Acq On : 25 Aug 2015 20:06
Operator : UM/IZ
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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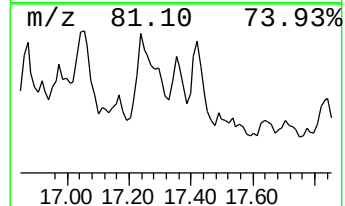
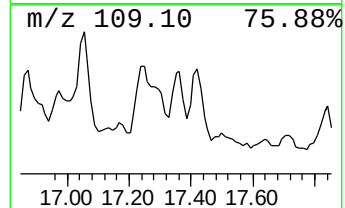
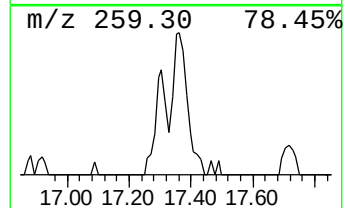
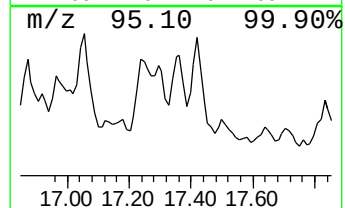
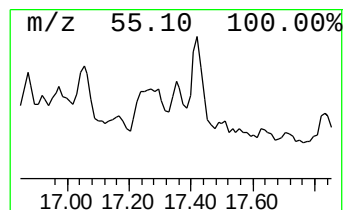
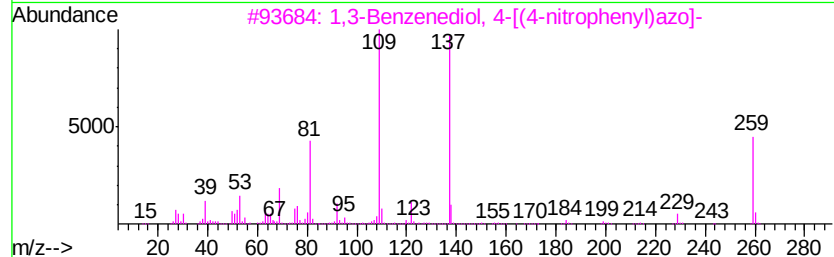
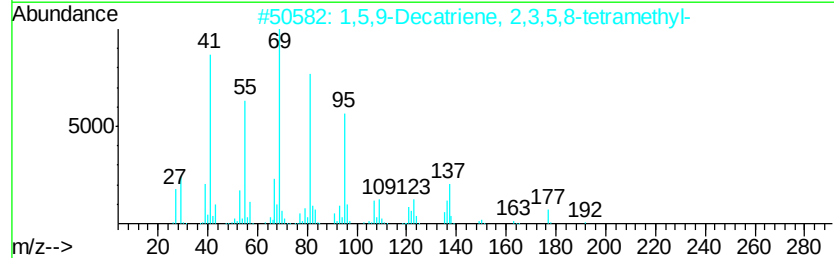
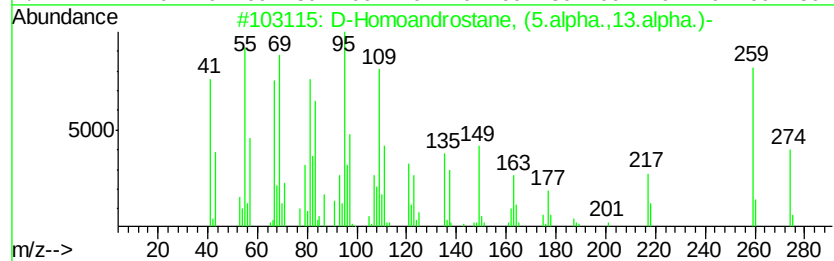
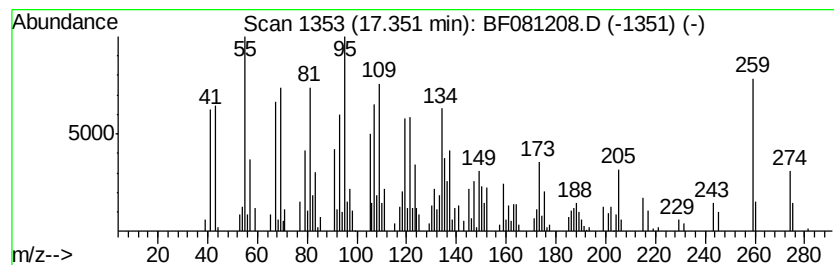
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 D-Homoandrostande, (5.alpha.... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	12.91 ng	249931	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Homoandrostande, (5.alpha.,13.a...	274	C20H34	054482-31-4	74
2		1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	50
3		1,3-Benzenediol, 4-[(4-nitrophen...	259	C12H9N3O4	000074-39-5	45
4		Bicyclo[3.1.0]hexan-3-ol, 4-meth...	152	C10H16O	000471-16-9	38
5		10,11-Epoxy-n-undecan-1-ol	186	C11H22O2	015764-66-6	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081208.D
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Misc :
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Instrument :
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ClientSampleId :
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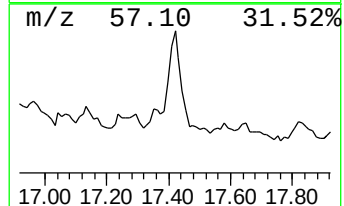
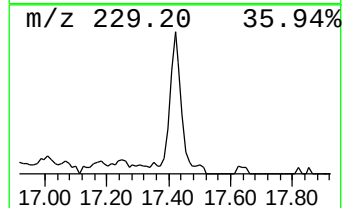
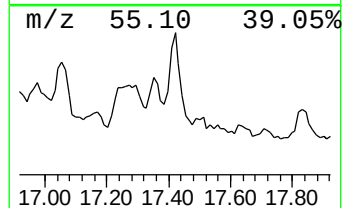
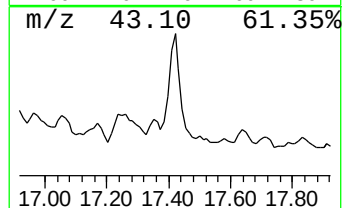
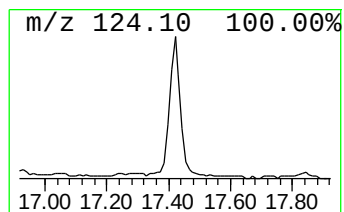
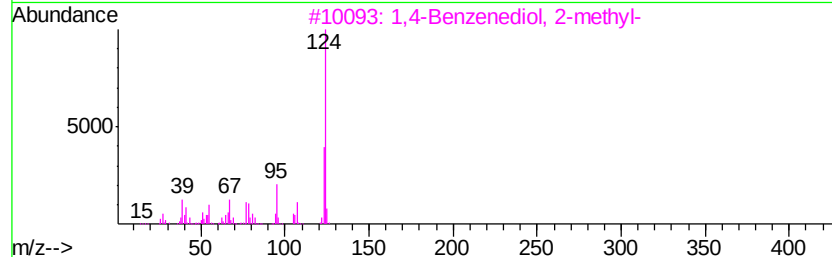
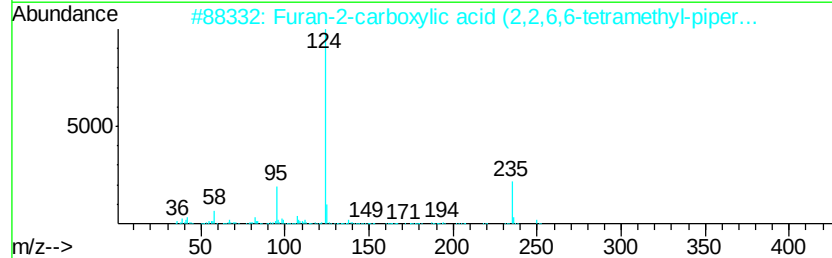
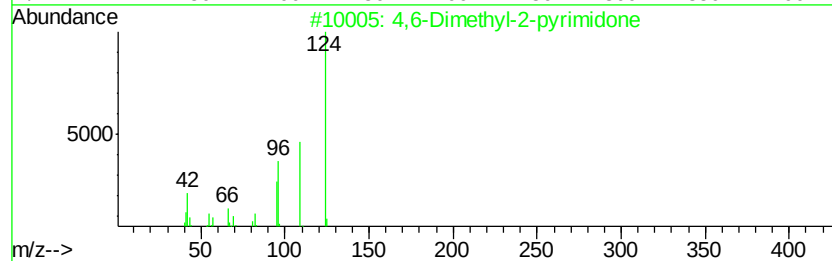
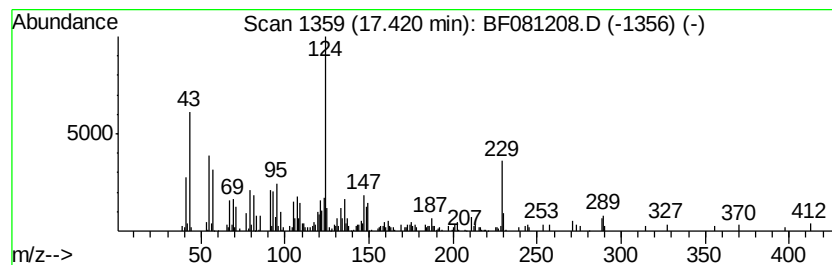
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.42 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	26.03 ng	503691	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,6-Dimethyl-2-pyrimidone	124	C6H8N2O	000108-79-2	47
2		Furan-2-carboxylic acid (2,2,6,6...	250	C14H22N2O2	300574-70-3	47
3		1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	47
4		5-Ethylcyclopent-1-enecarboxalde...	124	C8H12O	036431-60-4	47
5		1,3-Benzenediol, 2-methyl-	124	C7H8O2	000608-25-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081208.D
Acq On : 25 Aug 2015 20:06
Operator : UM/IZ
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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
P002-TS02-01

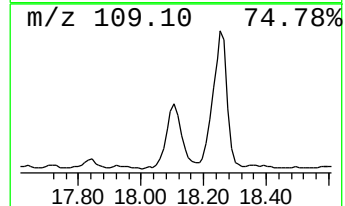
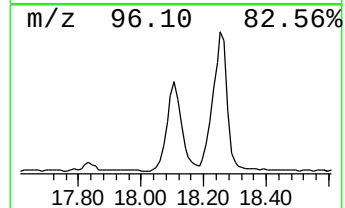
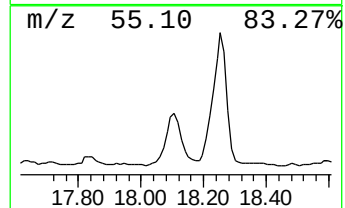
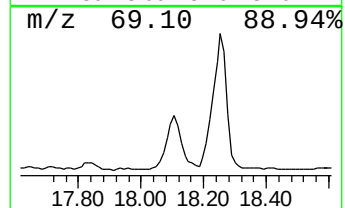
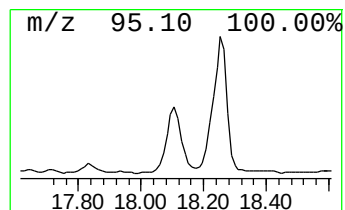
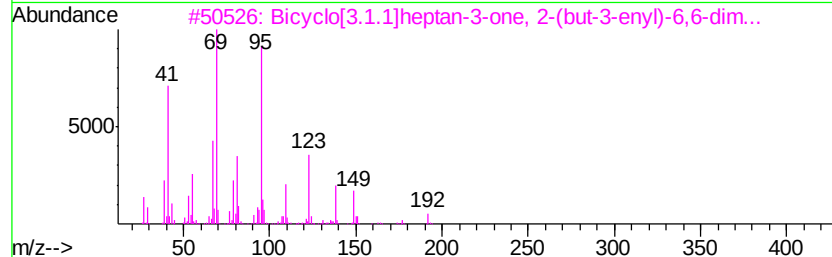
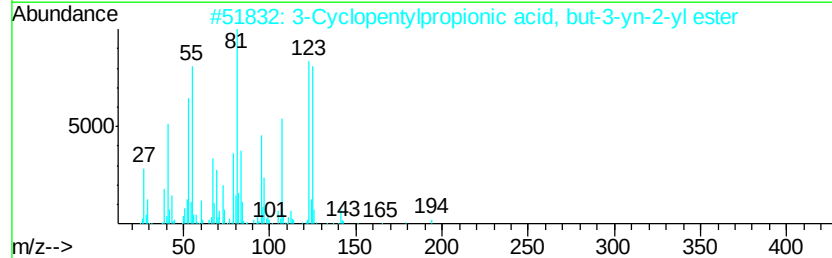
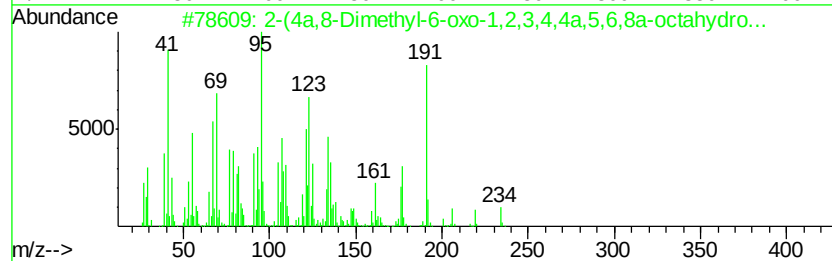
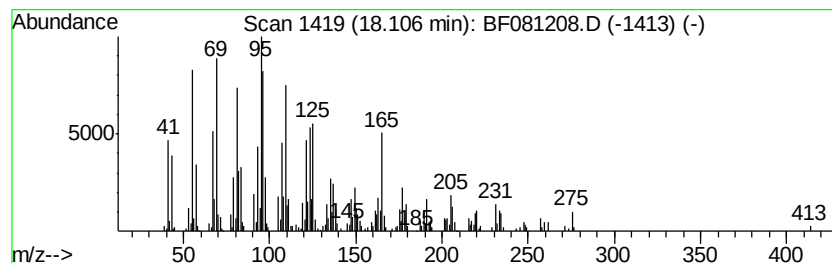
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown18.11 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	67.54 ng	1307090	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4...	234	C15H22O2	1000190-21-8	38
2		3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	38
3		Bicyclo[3.1.1]heptan-3-one, 2-(b...	192	C13H20O	1000163-96-1	25
4		(+)-(Z)-Longipinane	206	C15H26	1000156-12-3	25
5		4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081208.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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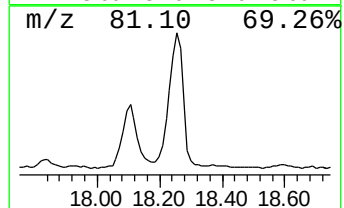
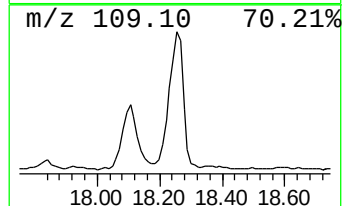
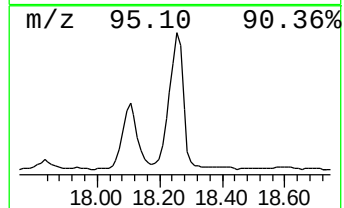
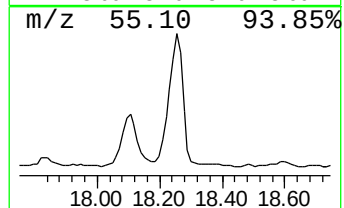
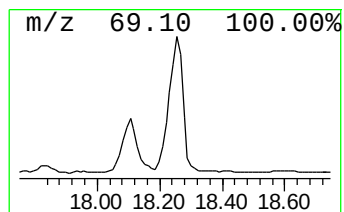
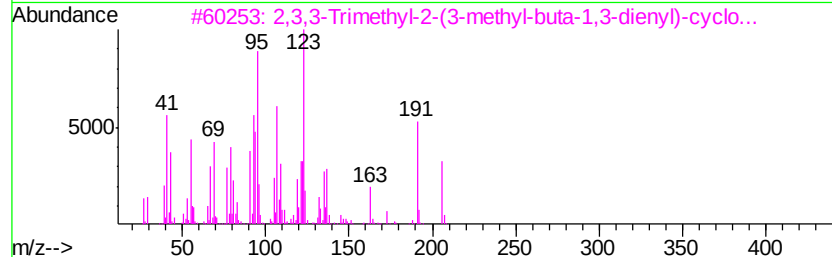
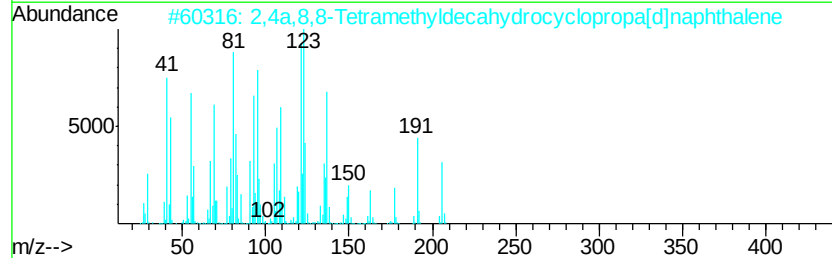
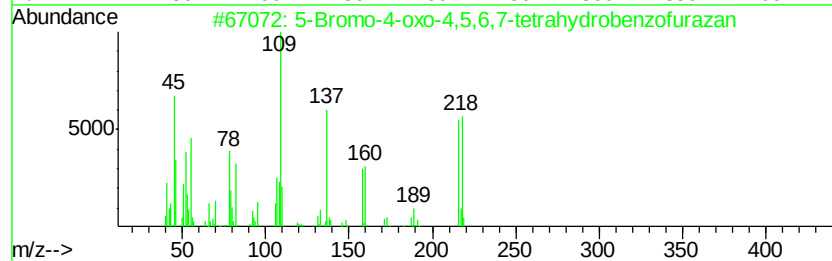
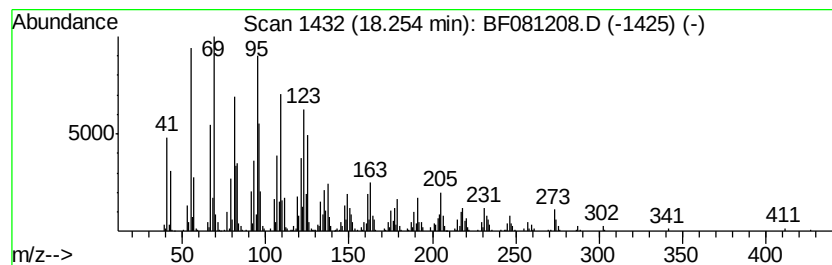
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	140.00 ng	2709580	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	53
2		2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	43
3		2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	38
4		1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	38
5		Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
 Data File : BF081208.D
 Acq On : 25 Aug 2015 20:06
 Operator : UM/IZ
 Sample : G3407-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P002-TS02-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.64	54.3	ng	1287220	1	6.53	473769	20.0
unknown6.30	6.30	70.1	ng	1660380	1	6.53	473769	20.0
n-Hexadecanoic acid	11.59	12.5	ng	446023	4	11.03	714219	20.0
3-Eicosene, (E)-	13.52	13.1	ng	338858	5	13.64	515911	20.0
Pentafluoropropio...	14.16	12.4	ng	320589	5	13.64	515911	20.0
Tetratetracontane	14.72	11.7	ng	226365	6	14.97	387078	20.0
Oxirane, hexadecyl-	15.20	9.5	ng	183371	6	14.97	387078	20.0
.gamma.-Tocopherol	15.29	10.1	ng	194436	6	14.97	387078	20.0
1-Heptadecene	15.43	9.8	ng	189672	6	14.97	387078	20.0
Vitamin E	15.59	17.0	ng	328456	6	14.97	387078	20.0
unknown16.40	16.40	9.8	ng	190514	6	14.97	387078	20.0
unknown17.05	17.05	19.3	ng	374376	6	14.97	387078	20.0
Diepicedrene-1-oxide	17.25	19.1	ng	369054	6	14.97	387078	20.0
D-Homoandrostane,...	17.35	12.9	ng	249931	6	14.97	387078	20.0
unknown17.42	17.42	26.0	ng	503691	6	14.97	387078	20.0
unknown18.11	18.11	67.5	ng	1307090	6	14.97	387078	20.0
5-Bromo-4-oxo-4,5...	18.25	140.0	ng	2709580	6	14.97	387078	20.0