

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
 Data File : BF090894.D
 Acq On : 28 Oct 2016 3:52
 Operator : UM/SJ
 Sample : H5436-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCC41-TOPSOIL

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-BF102616.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.933	247	249	260	rBV	610159	961321	25.54%	1.819%
2	5.367	284	287	290	rBV	2933488	3764713	100.00%	7.124%
3	6.419	376	379	387	rBV	2781369	3204563	85.12%	6.064%
4	6.544	387	390	392	rBV	3693242	3549568	94.29%	6.717%
5	6.773	408	410	414	rBV	789105	741589	19.70%	1.403%
6	6.933	421	424	426	rBV	3153839	3000070	79.69%	5.677%
7	7.345	457	460	462	rBV	2062941	2145057	56.98%	4.059%
8	8.065	520	523	525	rBV	924788	959176	25.48%	1.815%
9	9.139	615	617	620	rBV	3979932	3678919	97.72%	6.962%
10	9.539	649	652	654	rBV	664763	669763	17.79%	1.267%
11	9.813	674	676	678	rBV	1375836	1145700	30.43%	2.168%
12	9.848	678	679	682	rVB2	45220	42721	1.13%	0.081%
13	9.939	685	687	689	rVB2	49545	46227	1.23%	0.087%
14	10.053	695	697	700	rVB2	36340	66155	1.76%	0.125%
15	10.259	711	715	716	rBV	67966	97175	2.58%	0.184%
16	10.476	731	734	737	rVB2	35716	62422	1.66%	0.118%
17	10.602	742	745	747	rBV	2076938	1936035	51.43%	3.664%
18	10.728	754	756	760	rBV	137823	157569	4.19%	0.298%
19	11.173	793	795	796	rBV	75319	63781	1.69%	0.121%
20	11.299	804	806	808	rBV	698542	824520	21.90%	1.560%
21	11.334	808	809	810	rVV	178764	144426	3.84%	0.273%
22	11.436	817	818	820	rBV	66633	65895	1.75%	0.125%
23	11.528	823	826	828	rBV2	69826	101879	2.71%	0.193%
24	11.779	847	848	851	rBV2	46237	56626	1.50%	0.107%
25	11.836	851	853	858	rBV5	46826	108629	2.89%	0.206%
26	11.985	864	866	870	rBV2	103338	146966	3.90%	0.278%
27	12.454	904	907	910	rBV	55311	87910	2.34%	0.166%
28	12.511	910	912	913	rBV	103427	140008	3.72%	0.265%
29	12.556	913	916	918	rBV	272848	323828	8.60%	0.613%
30	12.671	922	926	928	rBV2	88032	141896	3.77%	0.269%
31	12.728	928	931	933	rBV2	92923	186088	4.94%	0.352%
32	12.774	933	935	939	rVB	56539	92747	2.46%	0.176%
33	12.888	942	945	947	rBV	3250024	3205331	85.14%	6.066%
34	13.311	980	982	984	rBV2	126201	161657	4.29%	0.306%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
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 Stop Thrs : 0

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.459	992	995	997	rBV4	23473	56886	1.51%	0.108%
36	13.711	1016	1017	1021	rBV4	54871	80979	2.15%	0.153%
37	13.791	1021	1024	1028	rVV	344978	430762	11.44%	0.815%
38	13.859	1028	1030	1033	rBV	77108	104106	2.77%	0.197%
39	13.928	1034	1036	1042	rVB2	735780	1091034	28.98%	2.065%
40	14.111	1050	1052	1054	rBV	53693	75834	2.01%	0.144%
41	14.385	1074	1076	1077	rVB	75676	58925	1.57%	0.112%
42	14.420	1077	1079	1082	rBV	434350	561596	14.92%	1.063%
43	14.465	1082	1083	1086	rVB	501086	479875	12.75%	0.908%
44	14.785	1108	1111	1115	rVB	213157	295841	7.86%	0.560%
45	14.945	1123	1125	1128	rVV	69355	90115	2.39%	0.171%
46	15.037	1130	1133	1142	rVB	884811	1618243	42.98%	3.062%
47	15.220	1147	1149	1152	rVB2	73278	103228	2.74%	0.195%
48	15.345	1158	1160	1162	rBV	600798	697514	18.53%	1.320%
49	15.791	1196	1199	1202	rBV	949555	1422073	37.77%	2.691%
50	15.837	1202	1203	1207	rVB	152404	202205	5.37%	0.383%
51	16.397	1250	1252	1259	rVB4	63740	176867	4.70%	0.335%
52	16.751	1280	1283	1285	rVB3	90643	157858	4.19%	0.299%
53	16.808	1285	1288	1291	rVB	167540	287929	7.65%	0.545%
54	16.865	1291	1293	1295	rBV2	91033	178972	4.75%	0.339%
55	17.025	1304	1307	1311	rVB2	217787	493521	13.11%	0.934%
56	17.254	1323	1327	1328	rBV	591865	1295913	34.42%	2.452%
57	17.288	1328	1330	1338	rVV3	668551	1631653	43.34%	3.088%
58	17.448	1340	1344	1347	rVB	299705	665051	17.67%	1.259%
59	17.551	1350	1353	1355	rBV2	114050	256995	6.83%	0.486%
60	17.666	1360	1363	1368	rBV	362010	976341	25.93%	1.848%
61	17.768	1368	1372	1377	rVB3	582832	1627920	43.24%	3.081%
62	17.894	1381	1383	1387	rVB2	102387	227950	6.05%	0.431%
63	17.986	1387	1391	1392	rBV	360858	784626	20.84%	1.485%
64	18.123	1400	1403	1406	rVV	97706	210070	5.58%	0.398%
65	18.191	1406	1409	1415	rVB2	221555	570152	15.14%	1.079%
66	18.454	1429	1432	1433	rBV3	51699	120657	3.20%	0.228%
67	18.500	1434	1436	1443	rVB4	140677	533980	14.18%	1.010%
68	18.683	1450	1452	1458	rVB4	88035	243562	6.47%	0.461%
69	18.991	1474	1479	1487	rVB	170883	566147	15.04%	1.071%
70	19.163	1487	1494	1502	rVB	725500	2386880	63.40%	4.517%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

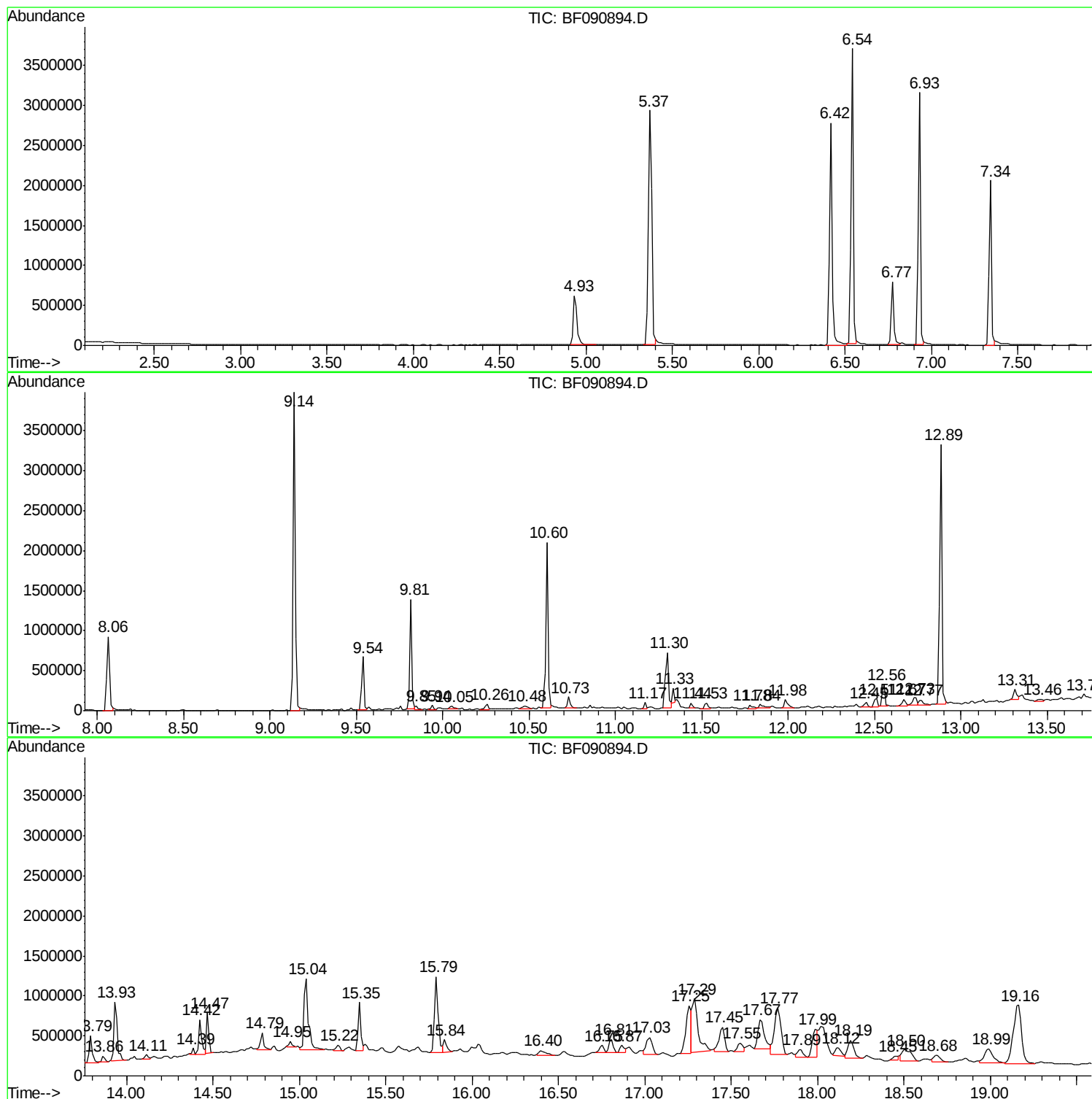
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF090894.D
Acq On : 28 Oct 2016 3:52
Operator : UM/SJ
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
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NCC41-TOPSOIL

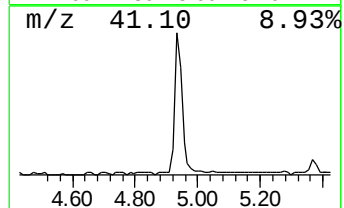
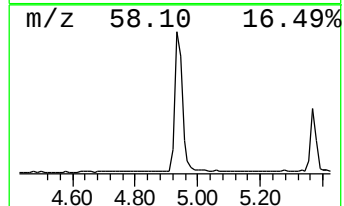
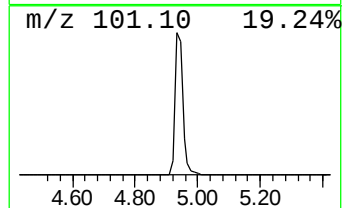
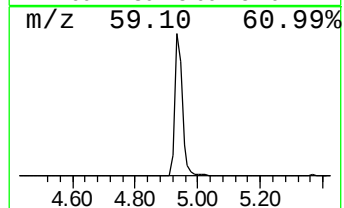
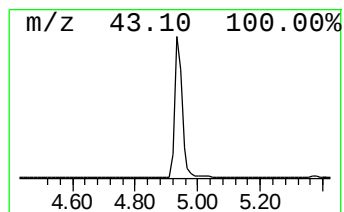
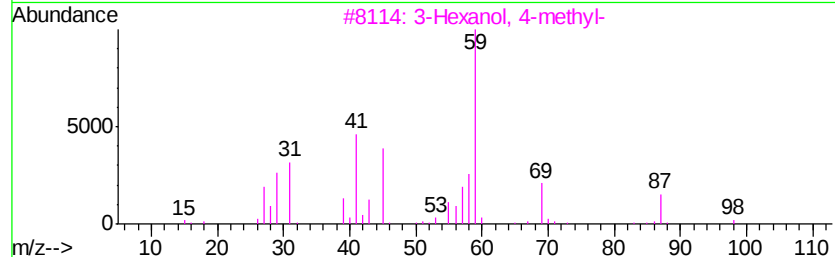
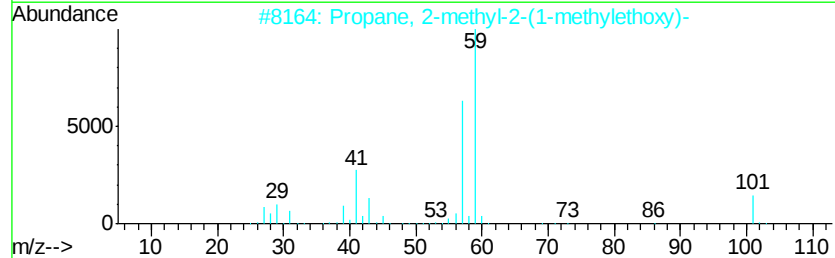
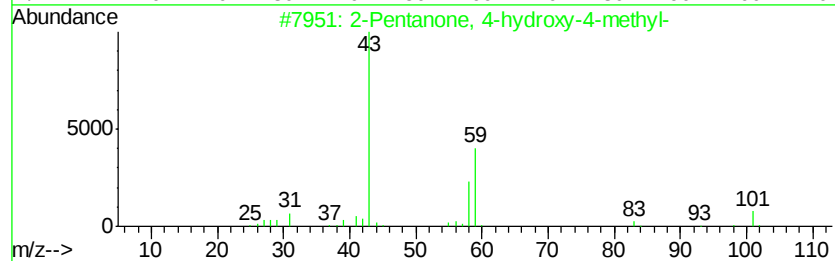
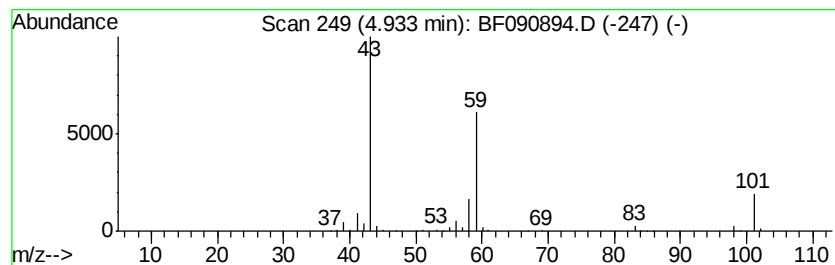
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	25.93 ng	961321	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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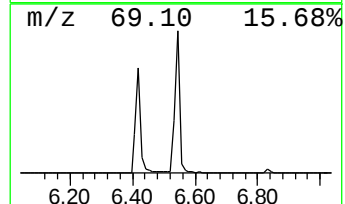
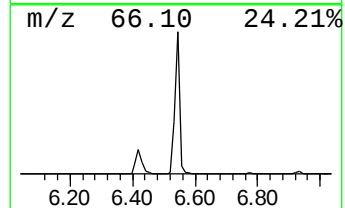
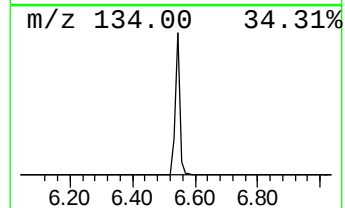
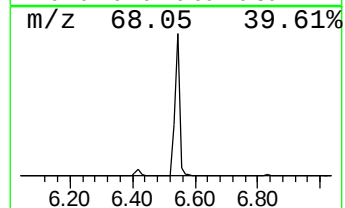
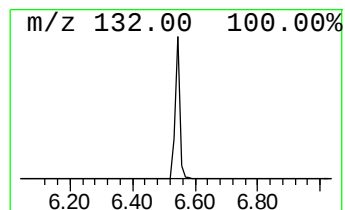
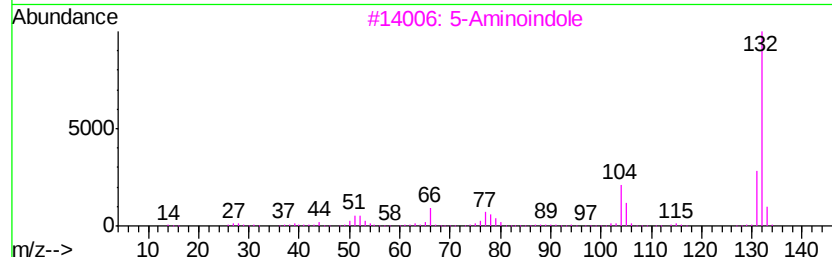
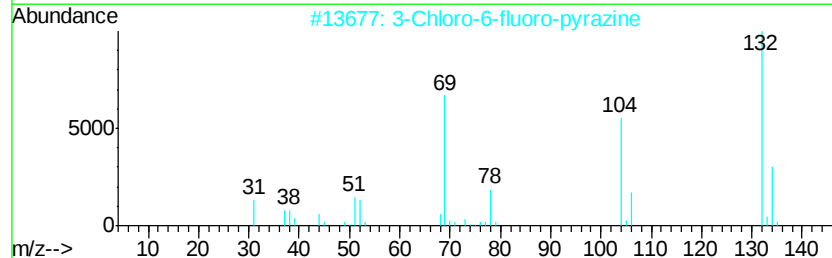
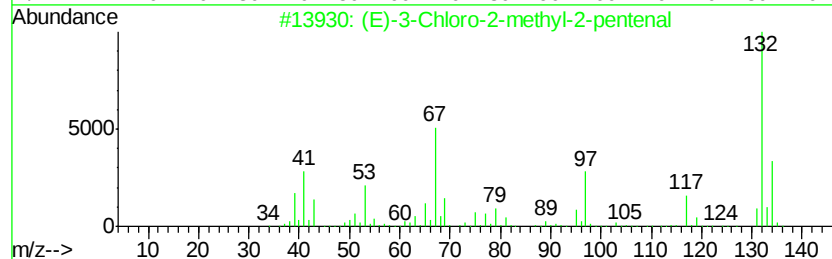
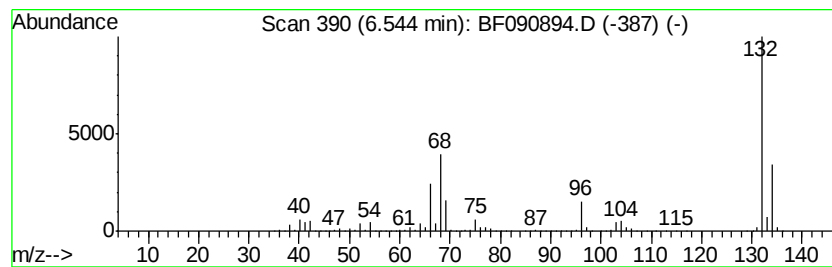
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	95.73 ng	3549570	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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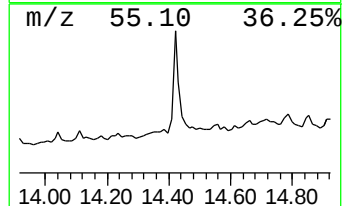
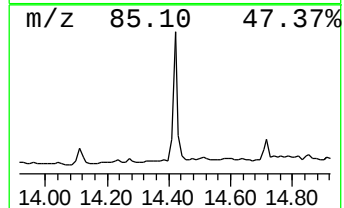
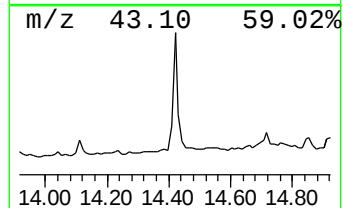
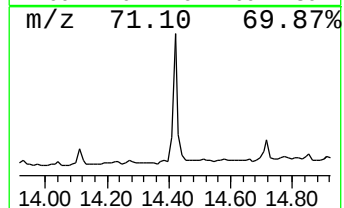
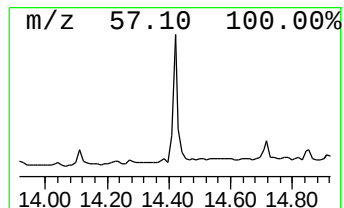
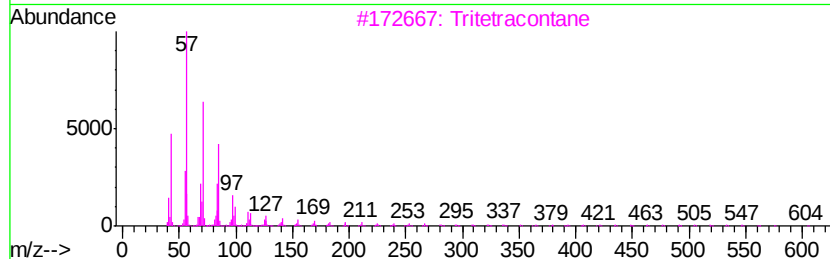
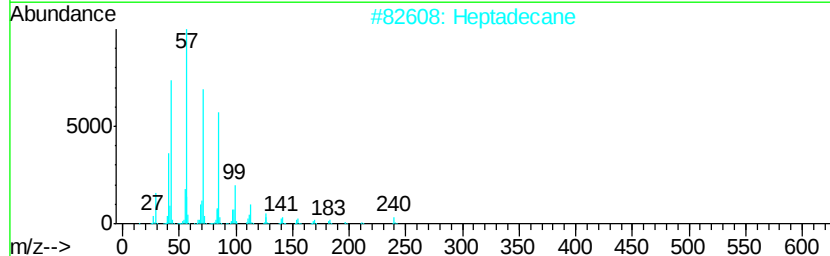
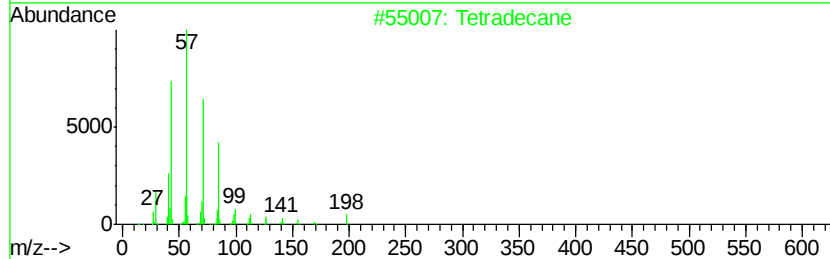
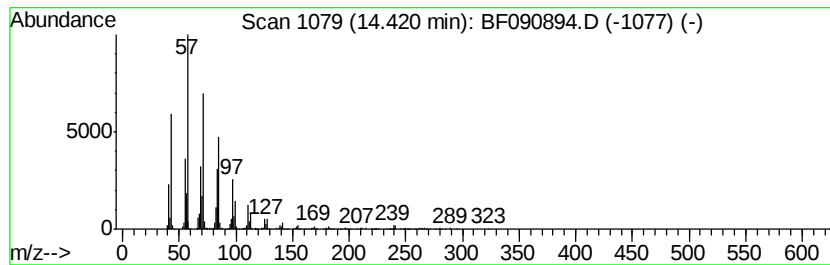
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	10.29 ng	561596	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	93
2		Heptadecane	240	C17H36	000629-78-7	89
3		Tritetracontane	605	C43H88	007098-21-7	86
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	70
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	62



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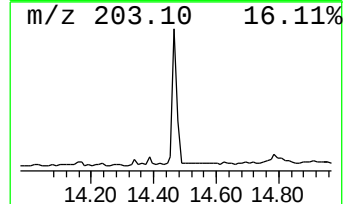
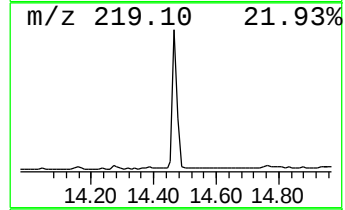
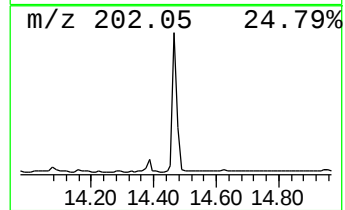
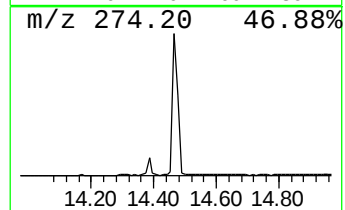
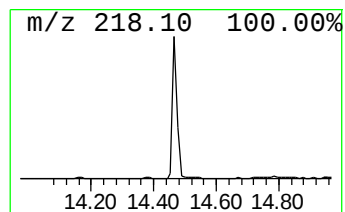
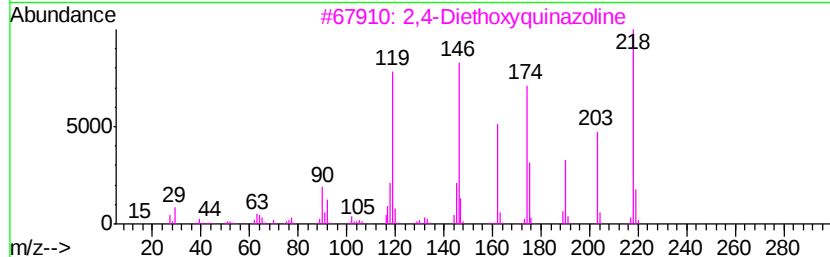
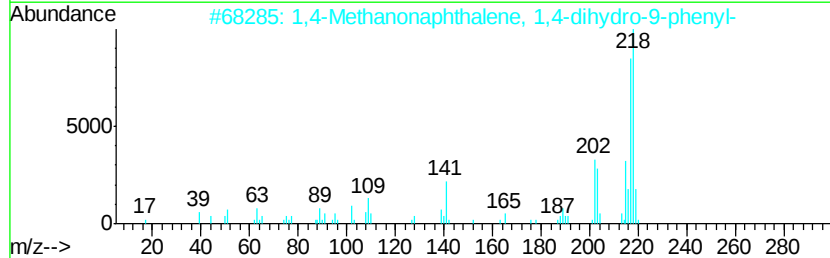
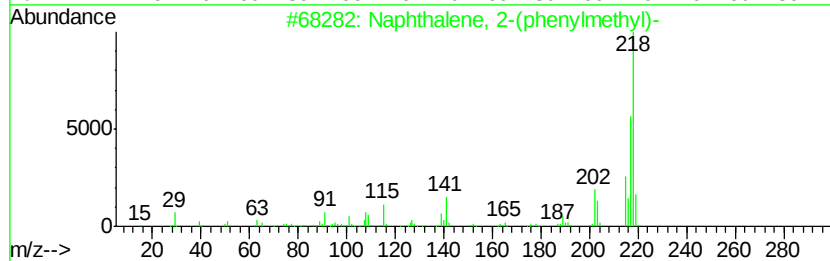
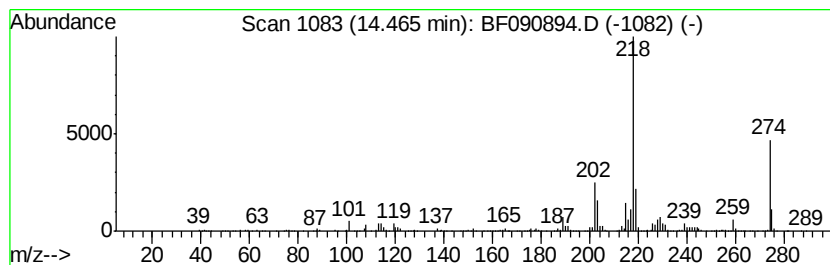
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2-(phenylmethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	8.80 ng	479875	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	60
2		1,4-Methanonaphthalene, 1,4-dihy...	218	C17H14	055028-73-4	46
3		2,4-Diethoxyquinazoline	218	C12H14N2O2	000611-65-4	43
4		1H-Cyclopenta[1,1]phenanthrene, 2,...	218	C17H14	000723-98-8	43
5		Eseroline, 3a-desmethyl-5-O-methyl-	218	C13H18N2O	1000124-27-4	43



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Data File : BF090894.D
Acq On : 28 Oct 2016 3:52
Operator : UM/SJ
Sample : H5436-01
Misc :
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ClientSampleId :
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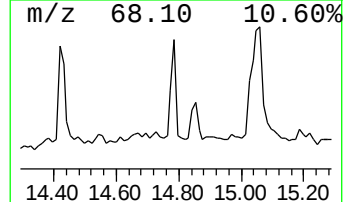
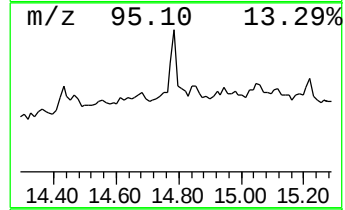
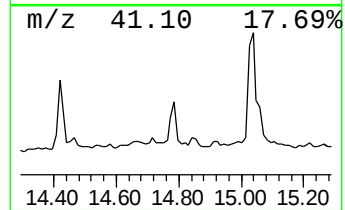
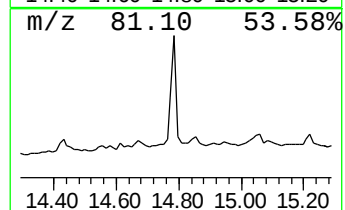
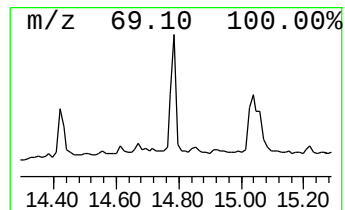
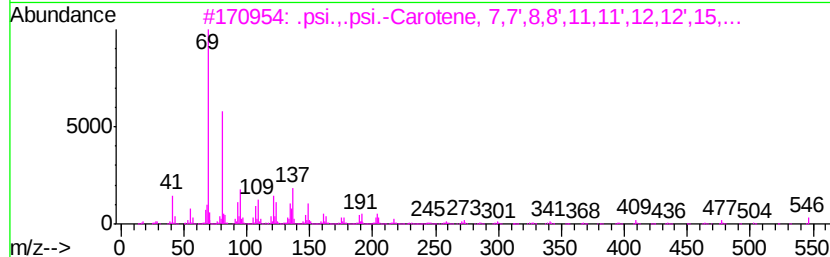
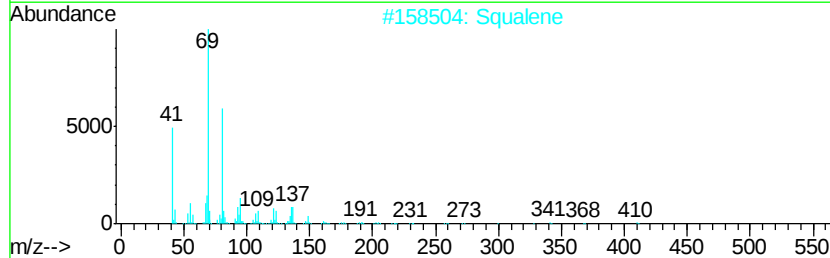
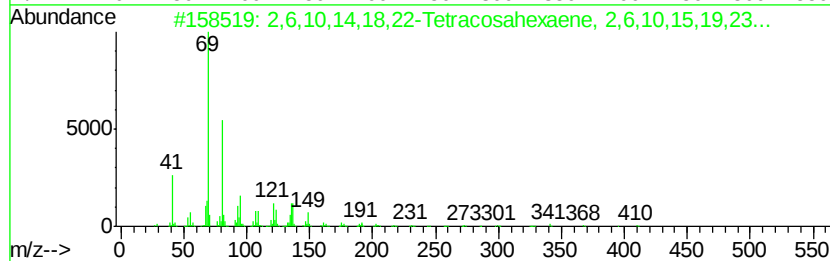
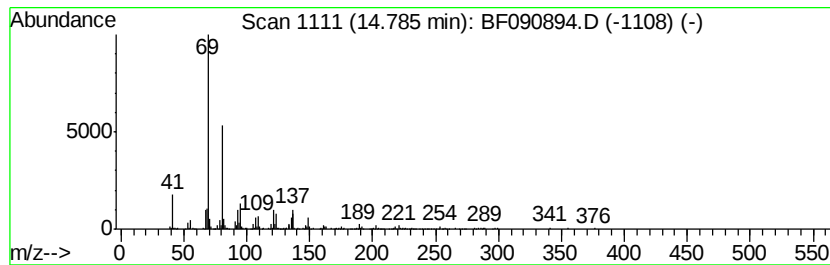
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2,6,10,14,18,22-Tetracosae... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	8.48 ng	295841	Perylene-d12	15.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91		
2	Squalene	410	C30H50	007683-64-9	91		
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83		
4	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	72		
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	64		



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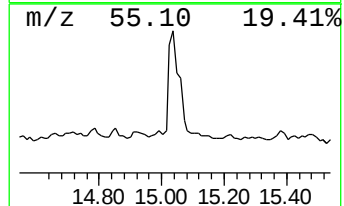
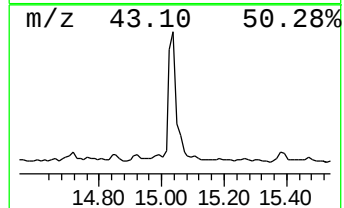
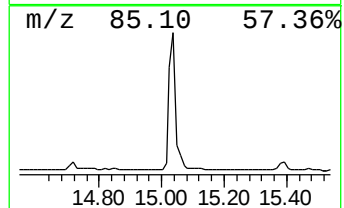
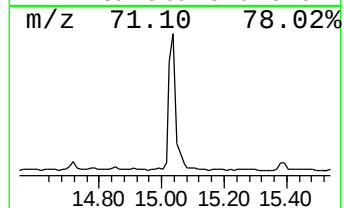
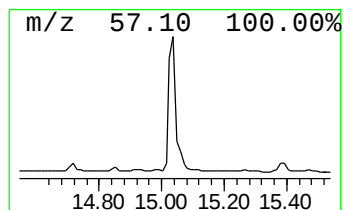
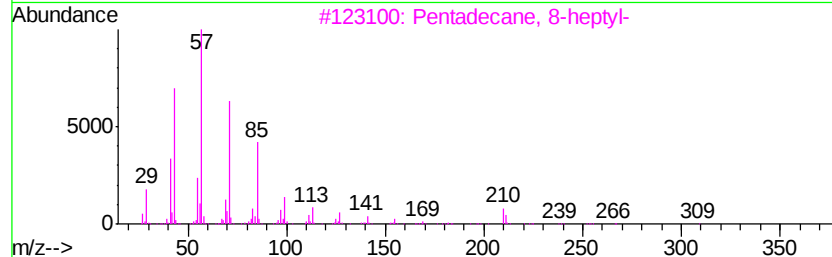
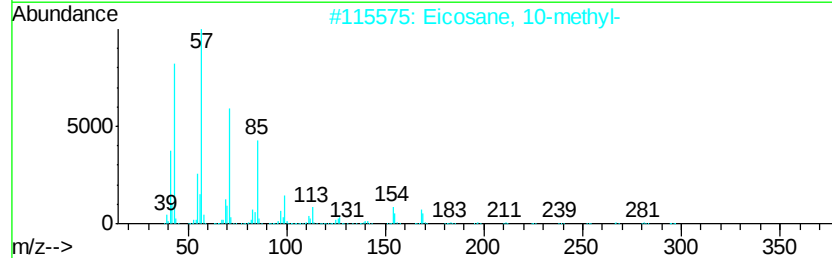
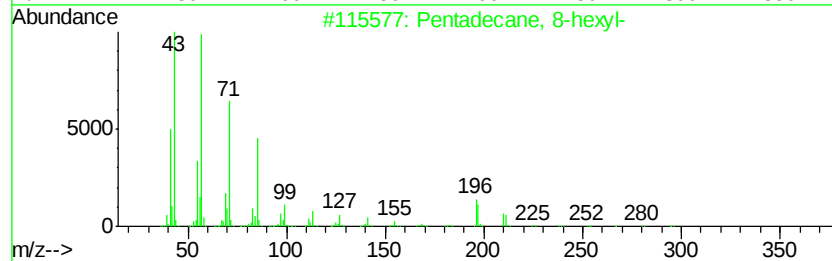
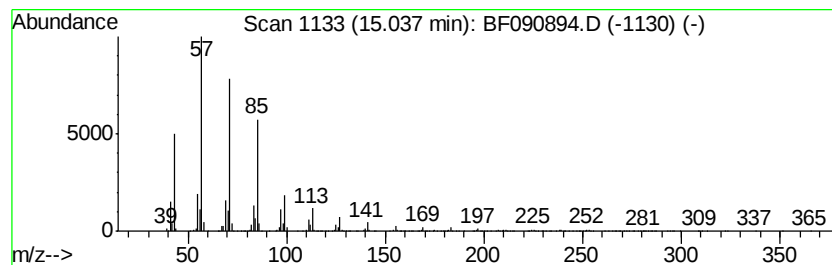
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentadecane, 8-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	46.40 ng	1618240	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Nonadecane	268	C19H40	000629-92-5	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



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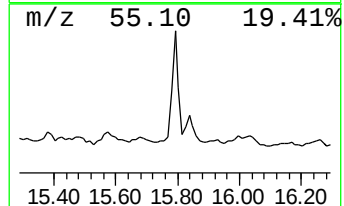
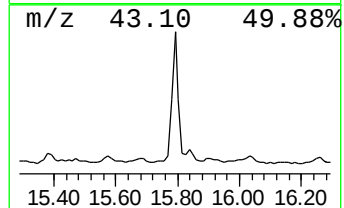
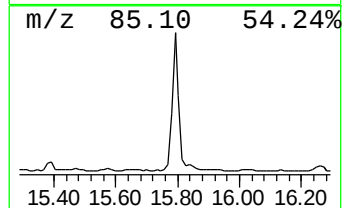
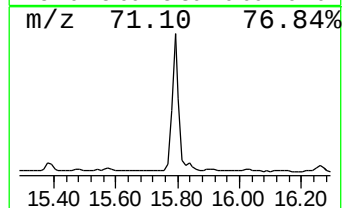
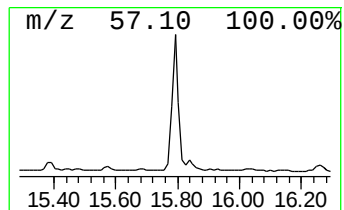
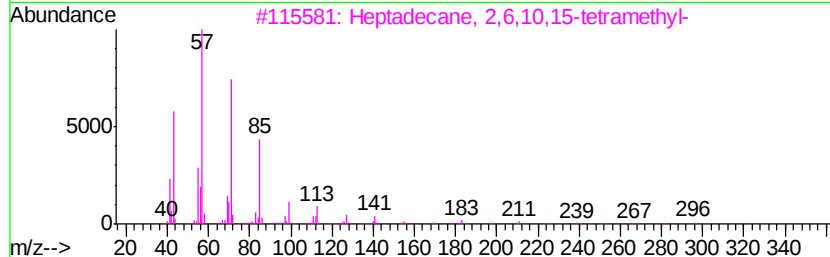
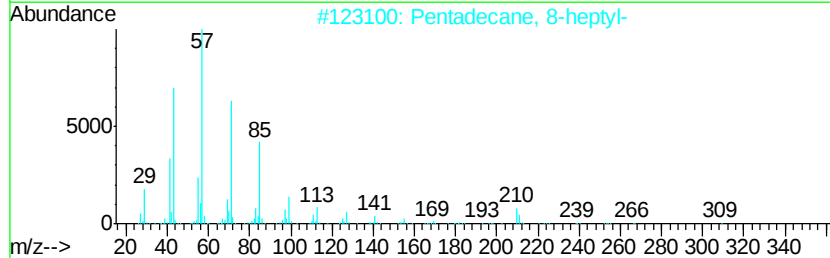
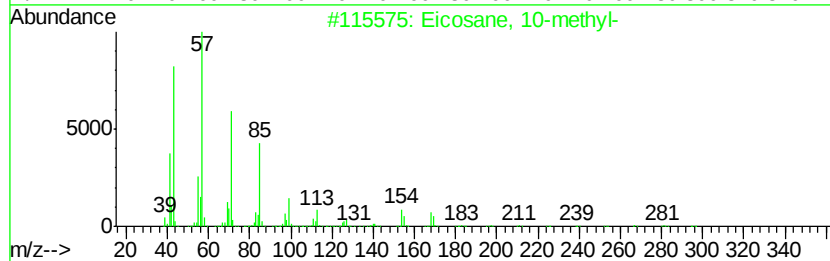
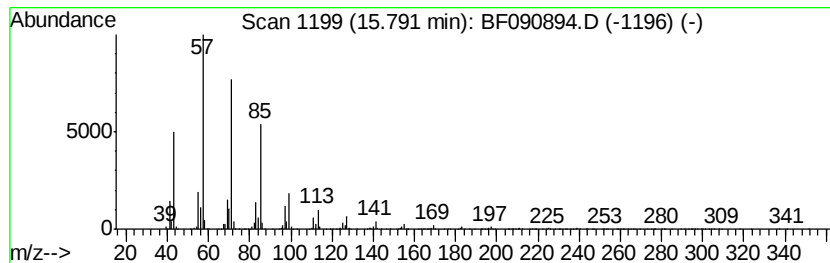
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Eicosane, 10-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	40.78 ng	1422070	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
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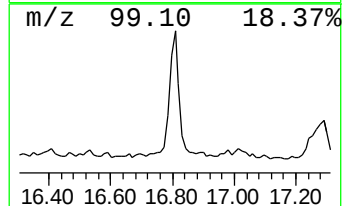
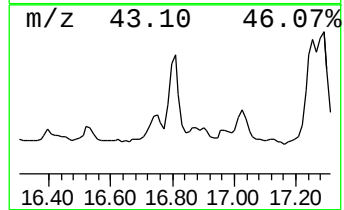
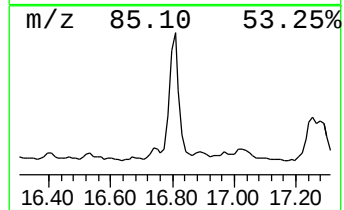
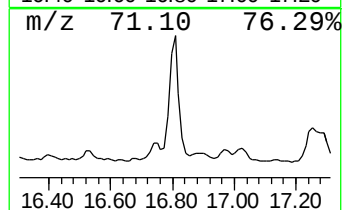
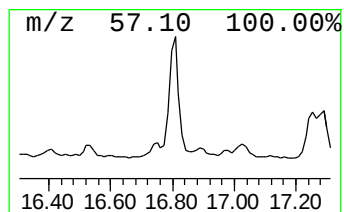
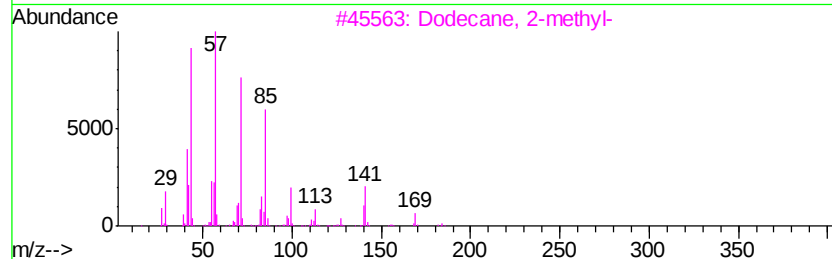
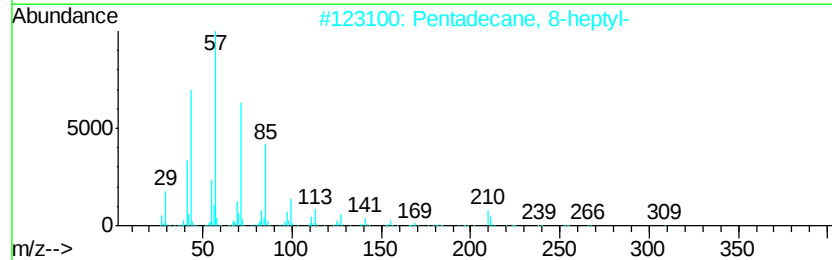
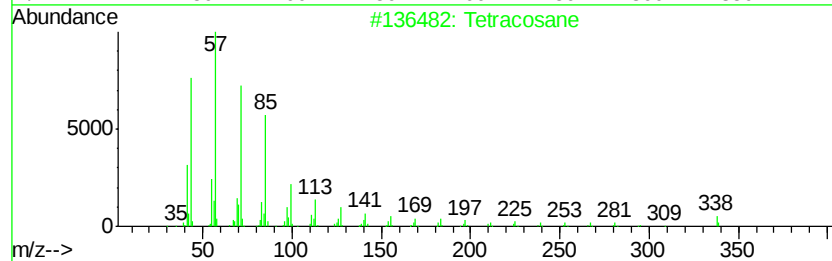
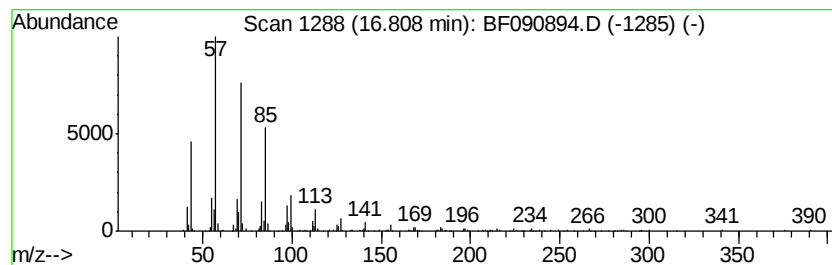
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	8.26 ng	287929	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	90



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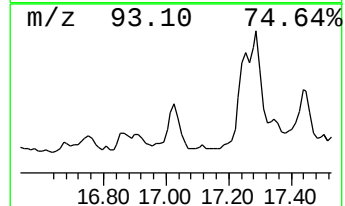
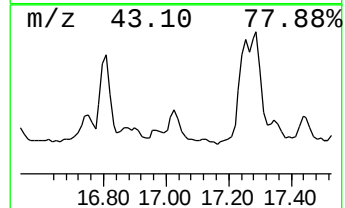
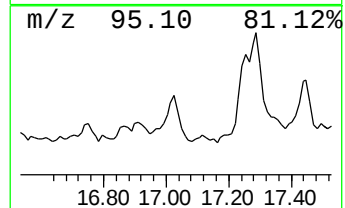
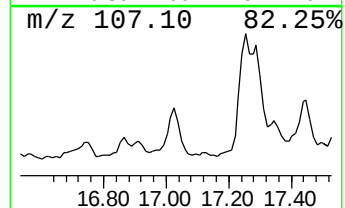
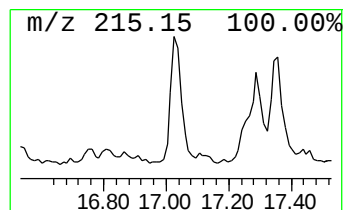
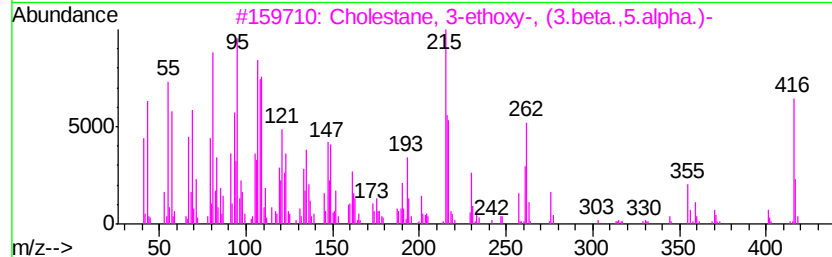
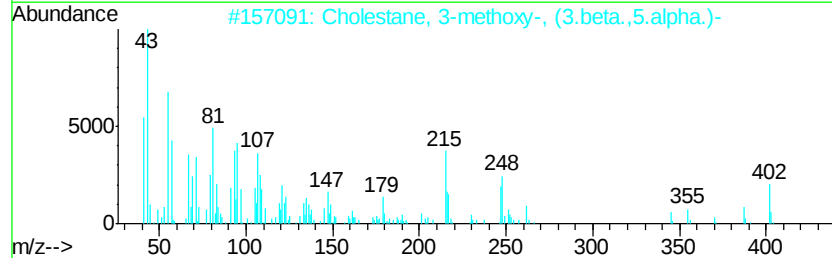
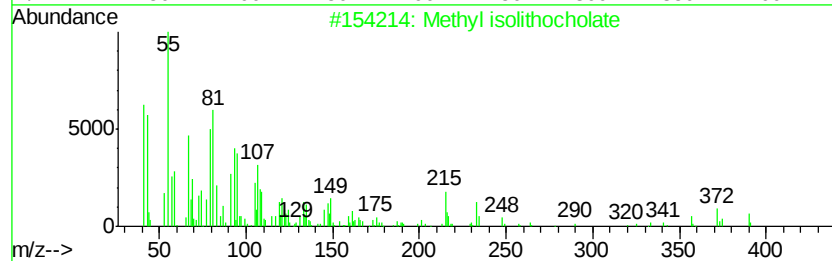
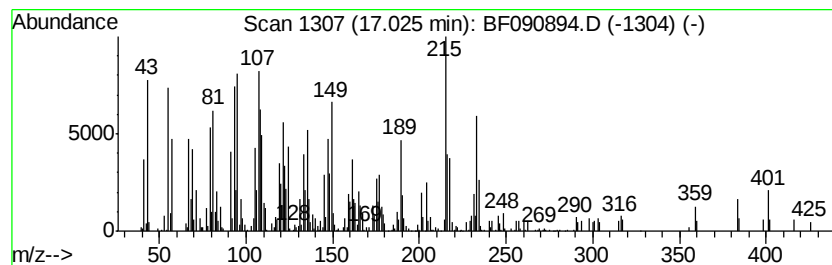
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Methyl isolithocholate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	14.15 ng	493521	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl isolithocholate	390	C25H42O3	005405-42-5	80
2		Cholestane, 3-methoxy-, (3.beta....	402	C28H50O	001981-90-4	53
3		Cholestane, 3-ethoxy-, (3.beta.,...	416	C29H52O	002089-02-3	47
4		Ergostanol	402	C28H50O	006538-02-9	46
5		Tetrahydrosmilagenin	420	C27H48O3	1000255-29-0	38



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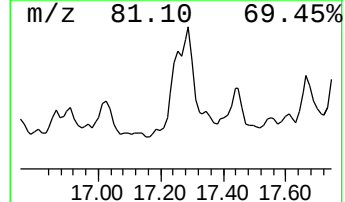
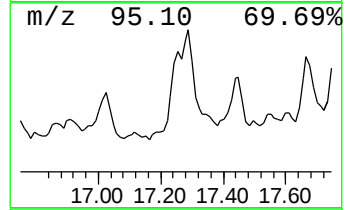
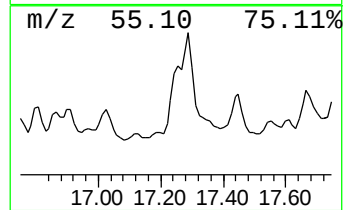
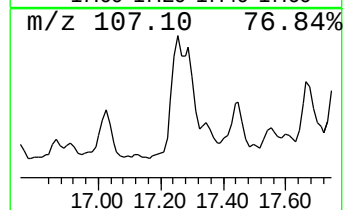
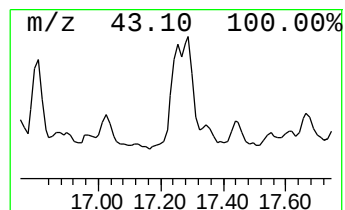
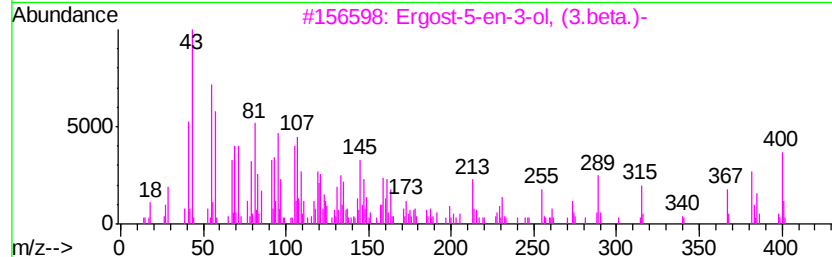
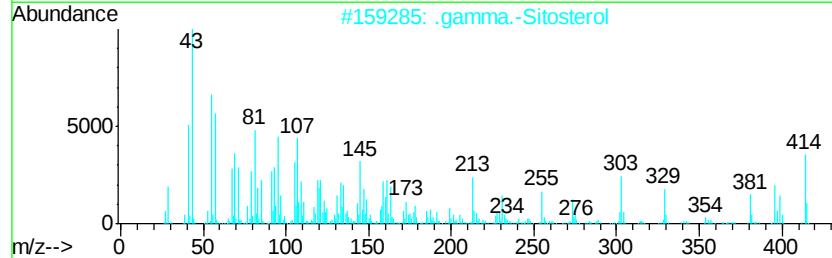
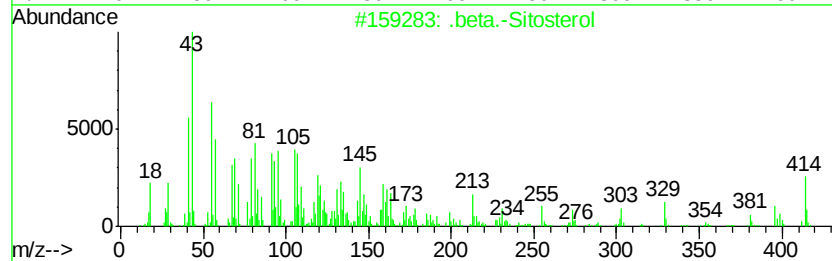
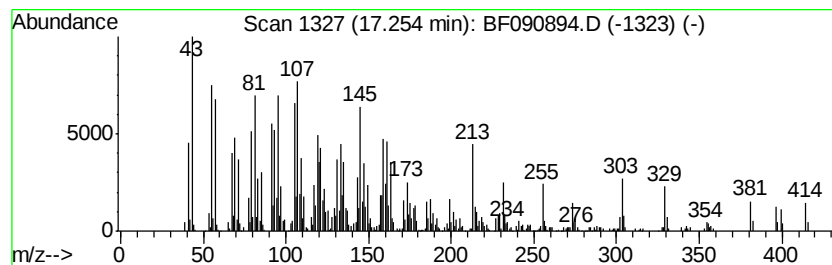
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 .beta.-Sitosterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	37.16 ng	1295910	Perylene-d12	15.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Sitosterol	414 C29H50O	000083-46-5 99
2		.gamma.-Sitosterol	414 C29H50O	000083-47-6 91
3		Ergost-5-en-3-ol, (3.beta.)-	400 C28H48O	004651-51-8 83
4		Pregn-5-en-3-ol, 21-bromo-20-met...	394 C22H35BrO	055103-80-5 49
5		Bicyclo[5.2.0]nonane, 4-methylen...	204 C15H24	1000159-38-2 42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
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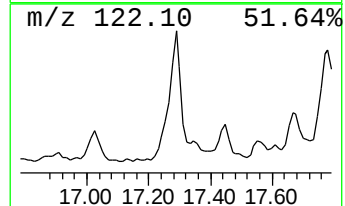
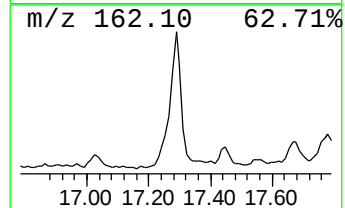
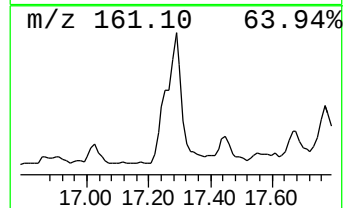
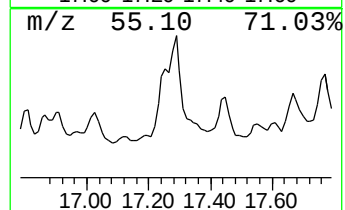
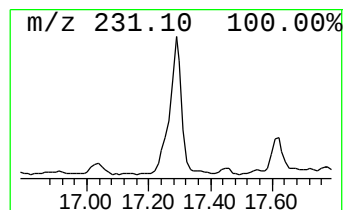
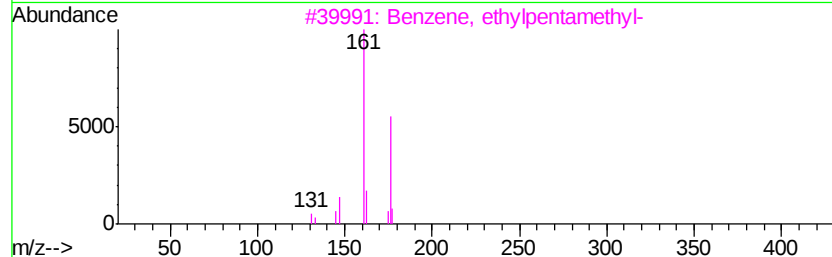
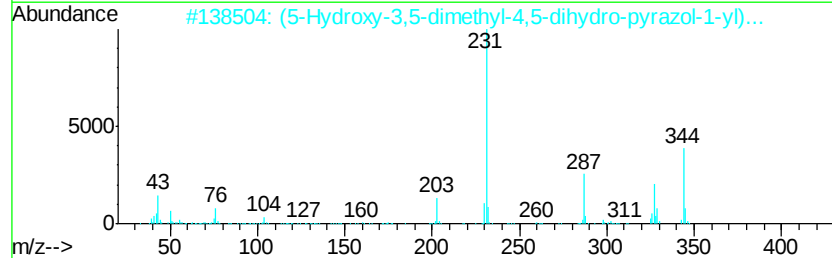
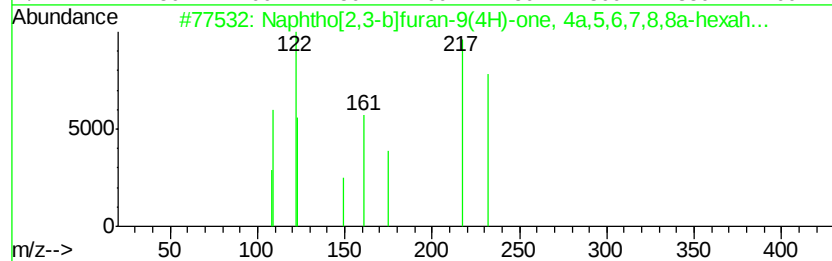
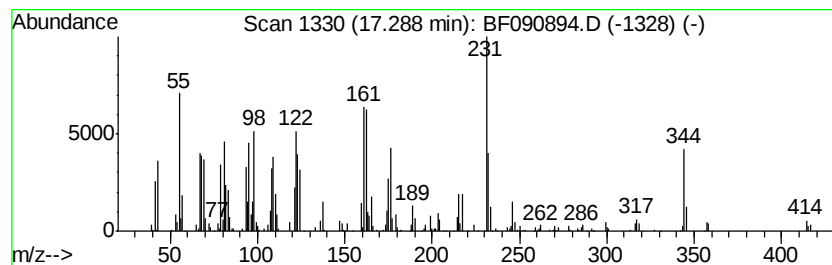
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown17.29 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	46.78 ng	1631650	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,3-b]furan-9(4H)-one, 4...	232	C15H20O2	006902-61-0	38
2		(5-Hydroxy-3,5-dimethyl-4,5-dihy...	344	C12H13IN2O2	331868-93-0	10
3		Benzene, ethylpentamethyl-	176	C13H20	002388-04-7	10
4		Benzo[b]thiophene, 7-ethyl-2-met...	176	C11H12S	016587-44-3	10
5		Benzo[b]thiophene, 2-ethyl-7-met...	176	C11H12S	016587-43-2	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090894.D
Acq On : 28 Oct 2016 3:52
Operator : UM/SJ
Sample : H5436-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

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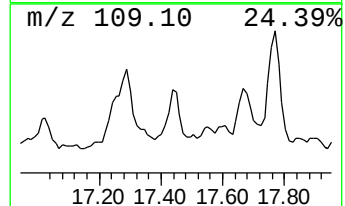
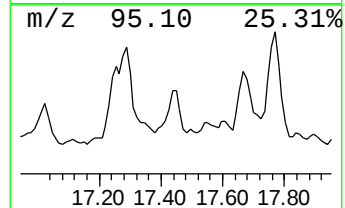
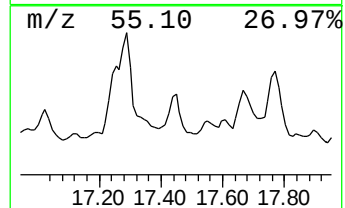
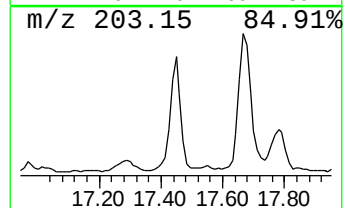
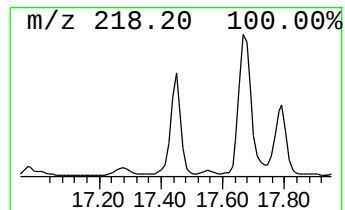
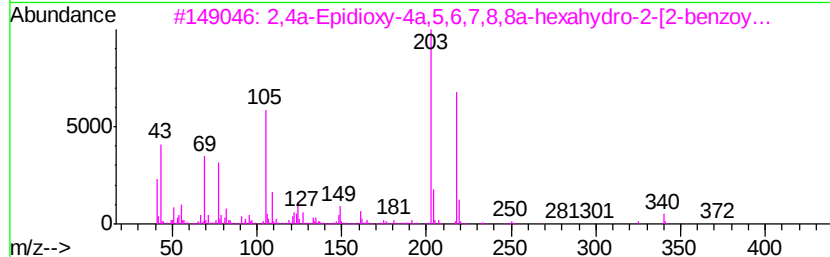
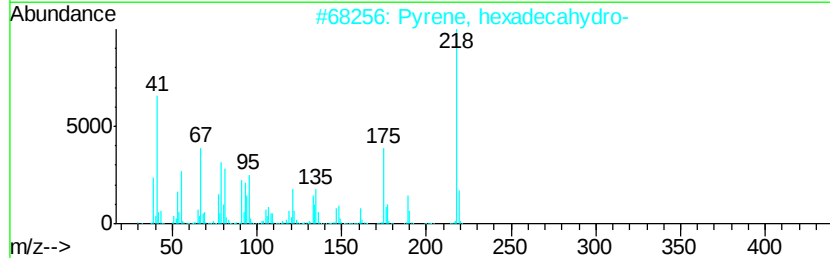
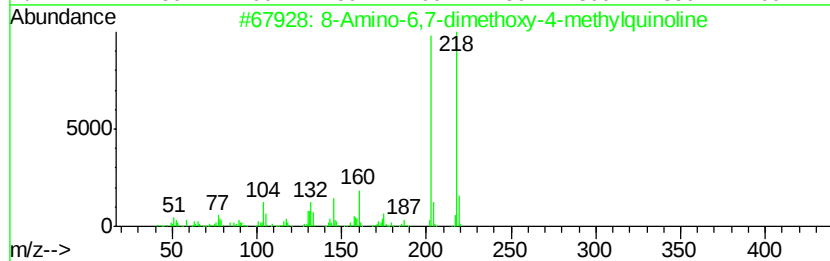
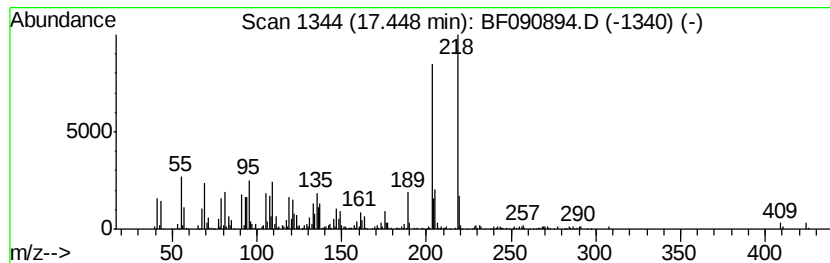
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 8-Amino-6,7-dimethoxy-4-met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	19.07 ng	665051	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	58
2		Pyrene, hexadecahydro-	218	C16H26	002435-85-0	53
3		2,4a-Epidioxy-4a,5,6,7,8,8a-hexa...	372	C22H28O5	1000212-01-8	47
4		Benzo[blnaptho[2,3-d]furan	218	C16H10O	000243-42-5	45
5		5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090894.D
Acq On : 28 Oct 2016 3:52
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Misc :
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ClientSampleId :
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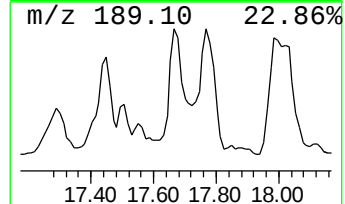
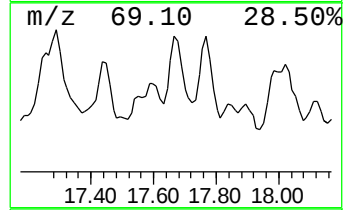
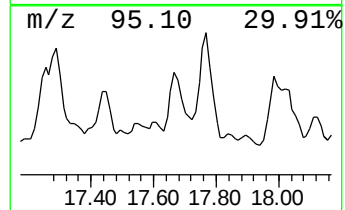
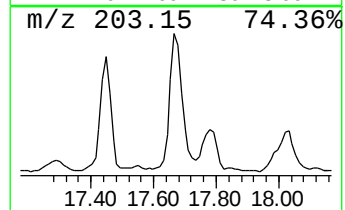
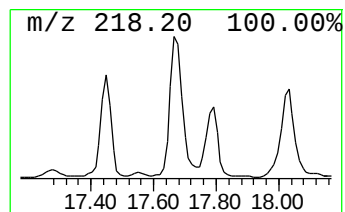
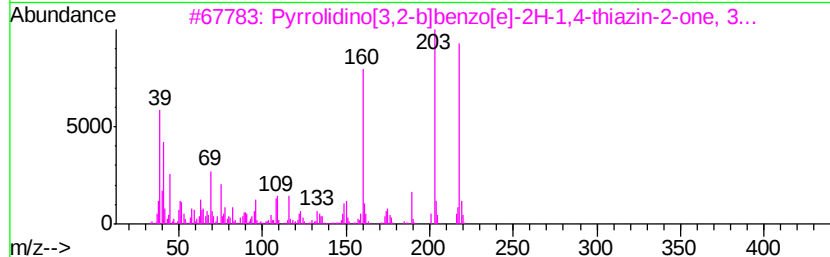
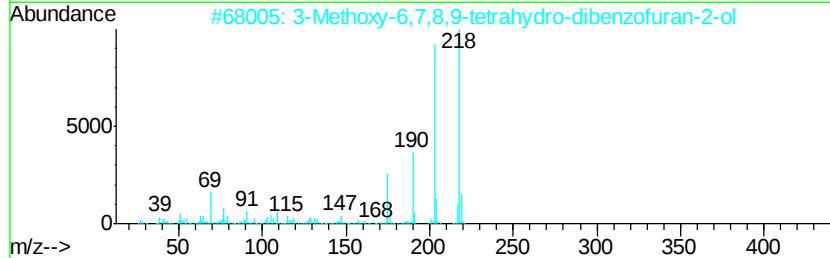
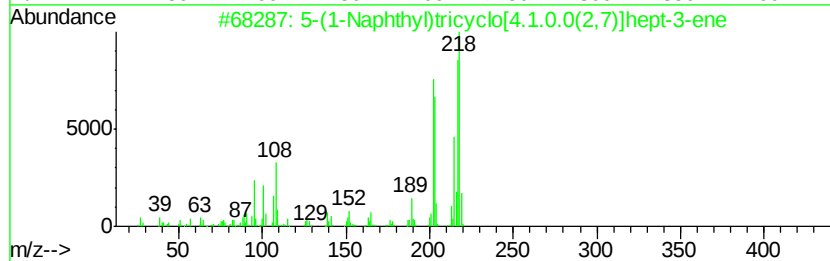
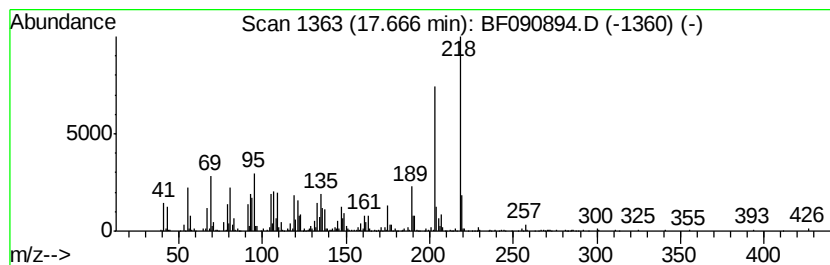
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 5-(1-Naphthyl)tricyclo[4.1.... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	27.99 ng	976341	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-(1-Naphthyl)tricyclo[4.1.0.0(2...]	218	C17H14	107729-05-5	72
2		3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	52
3		Pyrrolidino[3,2-b]benzo[e]-2H-1,...	218	C11H10N2OS	017163-68-7	50
4		Pvrene, hexadecahydro-	218	C16H26	002435-85-0	50
5		2H-1-Benzopyran-2-one, 6-acetyl-...	260	C14H12O5	129812-31-3	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090894.D
Acq On : 28 Oct 2016 3:52
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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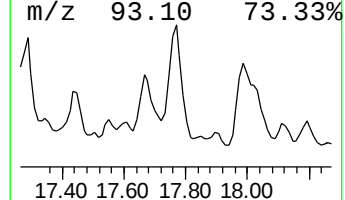
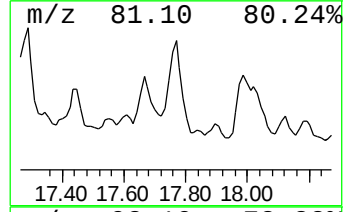
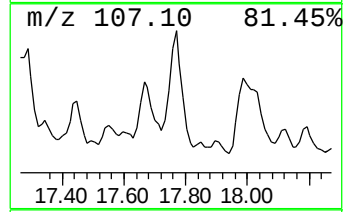
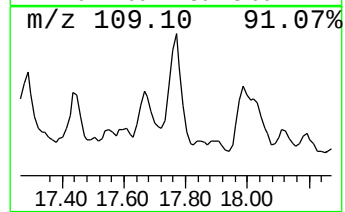
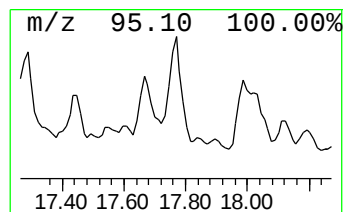
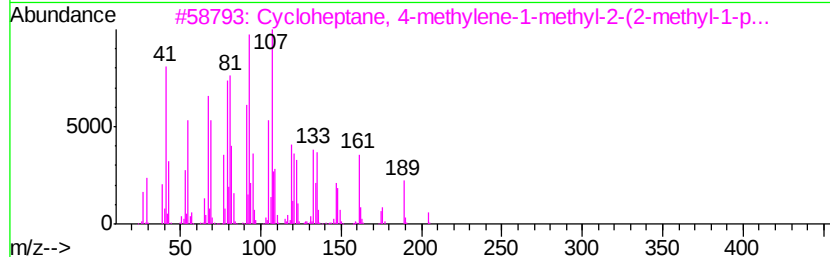
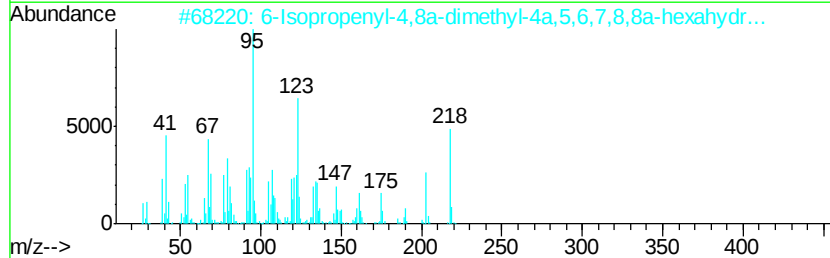
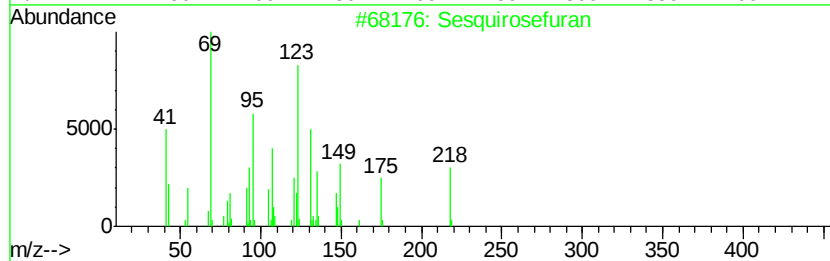
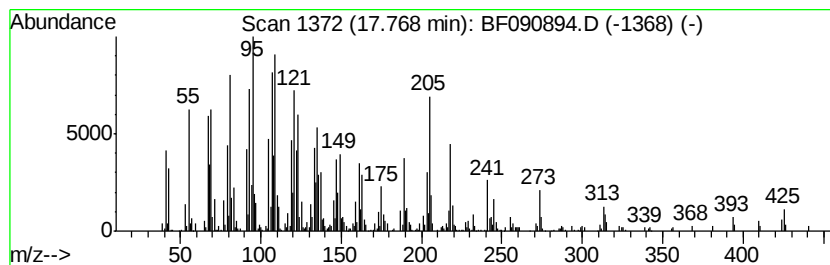
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown17.77 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	46.68 ng	1627920	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sesquirosefuran	218	C15H22O	039007-93-7	45
2		6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	38
3		Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	38
4		1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	004549-12-6	38
5		Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090894.D
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Misc :
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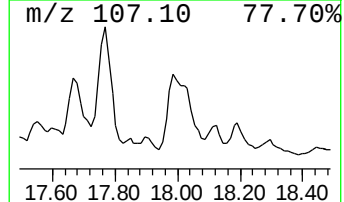
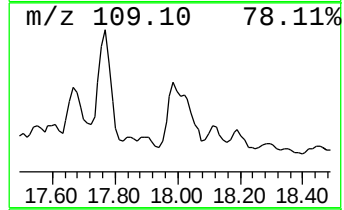
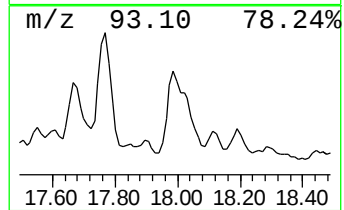
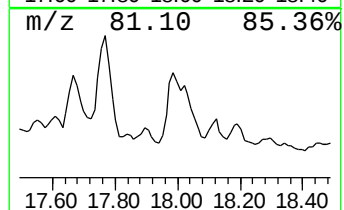
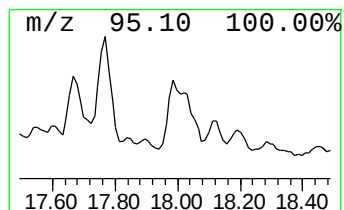
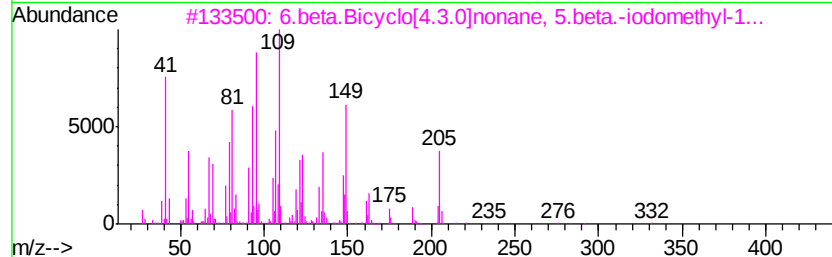
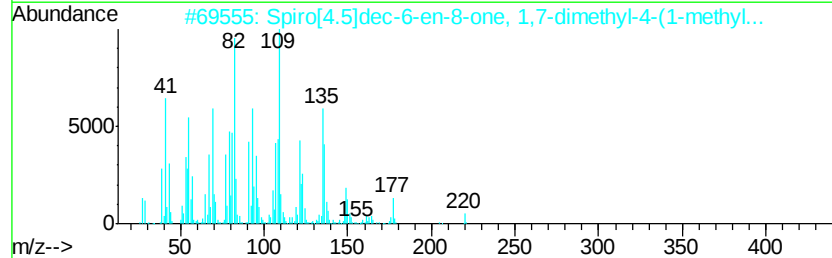
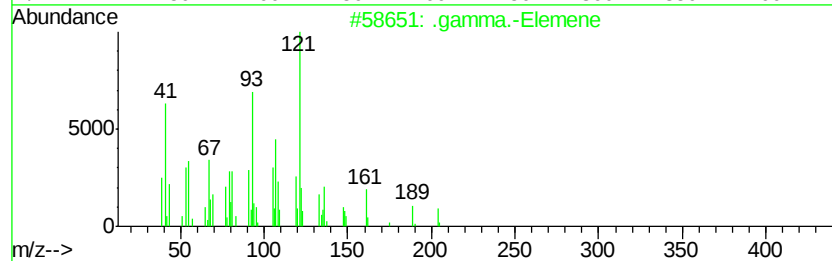
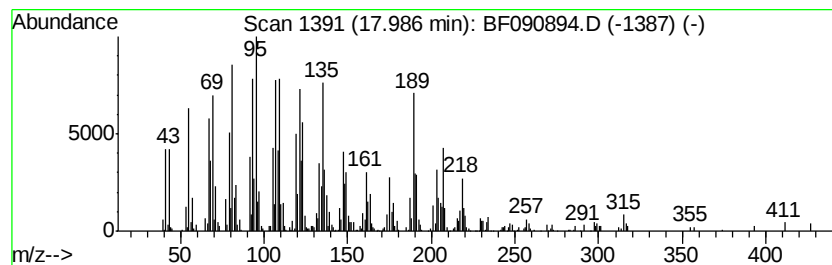
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown17.99 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	22.50 ng	784626	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Elemene	204	C15H24	030824-67-0	46
2		Spiro[4.5]dec-6-en-8-one, 1,7-di...	220	C15H24O	039510-36-6	43
3		6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	43
4		2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	38
5		4,8-Methanoazulen-9-ol, decahydr...	222	C15H26O	004586-22-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
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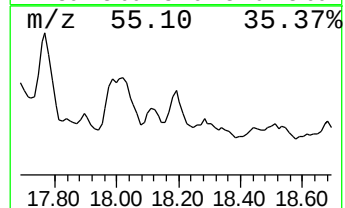
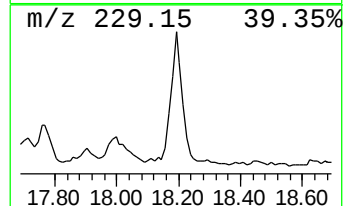
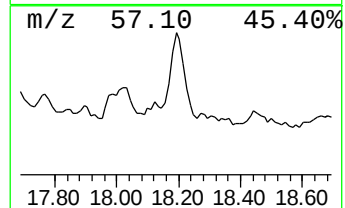
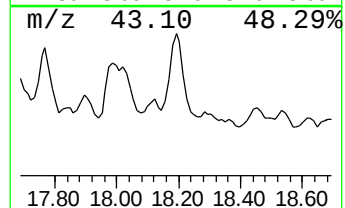
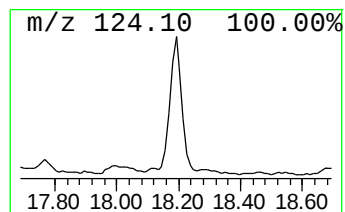
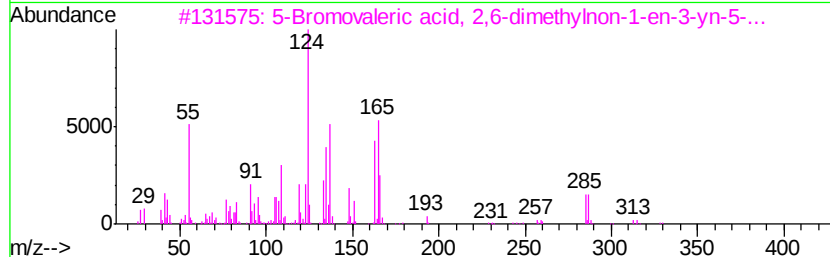
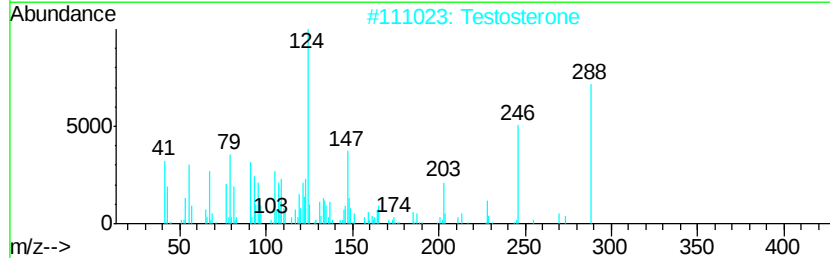
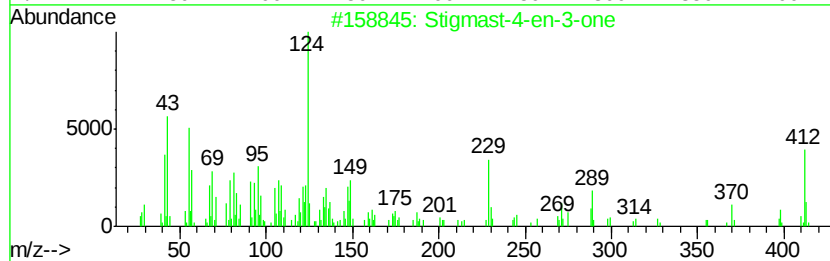
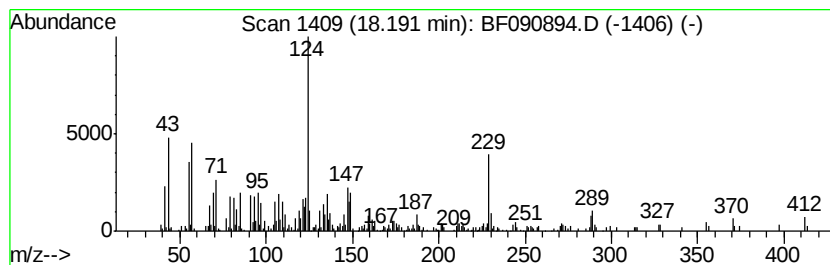
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Stigmast-4-en-3-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	16.35 ng	570152	Perylene-d12	15.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Stigmast-4-en-3-one	412 C29H48O	001058-61-3 92
2		Testosterone	288 C19H28O2	000058-22-0 55
3		5-Bromovaleric acid, 2,6-dimethv...	328 C16H25BrO2	1000292-56-9 32
4		2-Methyl-4,5-pyrimidinediamine	124 C5H8N4	015579-63-2 30
5		2,5-Furandicarboxaldehyde	124 C6H4O3	000823-82-5 27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
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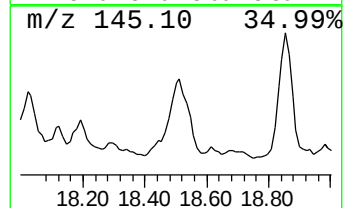
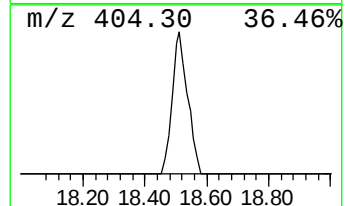
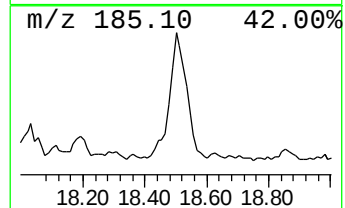
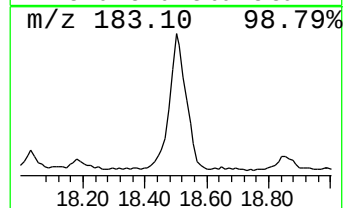
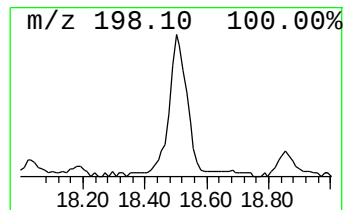
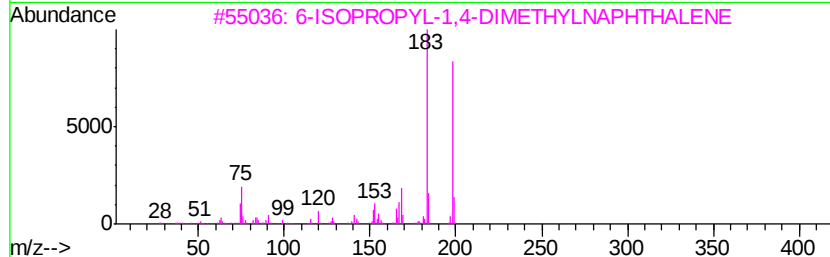
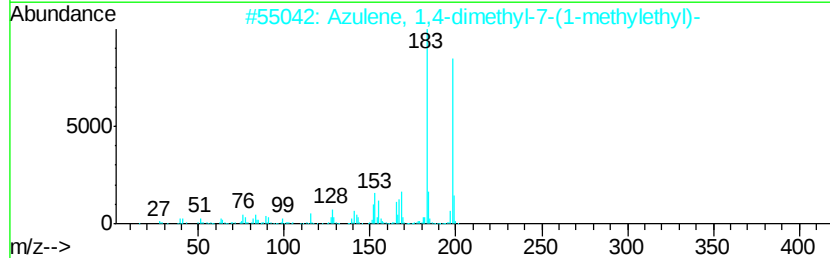
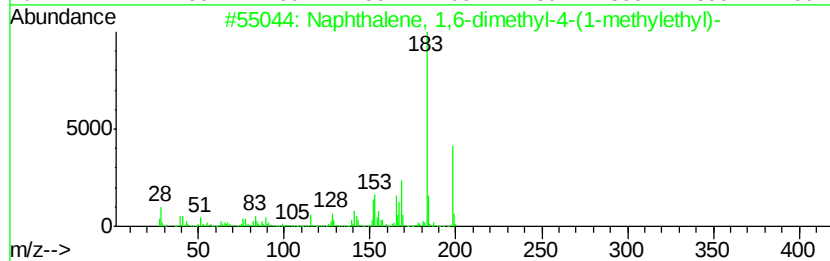
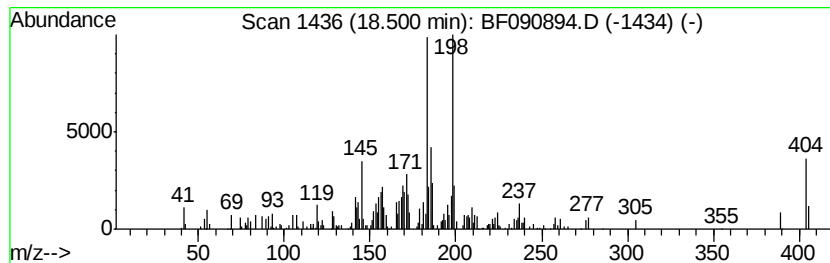
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Naphthalene, 1,6-dimethyl-4... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	15.31 ng	533980	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	90
2		Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	78
3		6-ISOPROPYL-1,4-DIMETHYLNAPHTHALENE	198	C15H18	1000243-31-9	53
4		2-Acetoxy-3-methoxybiphenylene	240	C15H12O3	093103-66-3	47
5		6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090894.D
Acq On : 28 Oct 2016 3:52
Operator : UM/SJ
Sample : H5436-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NCC41-TOPSOIL

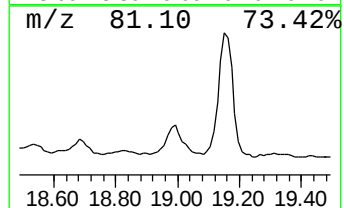
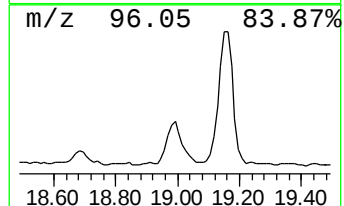
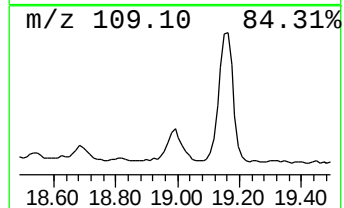
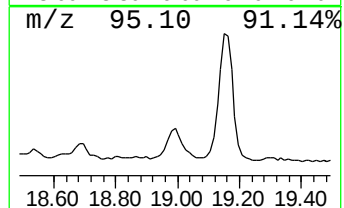
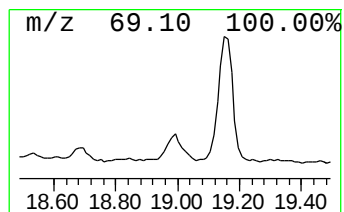
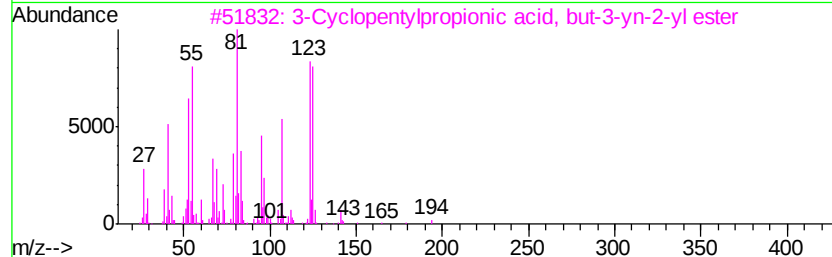
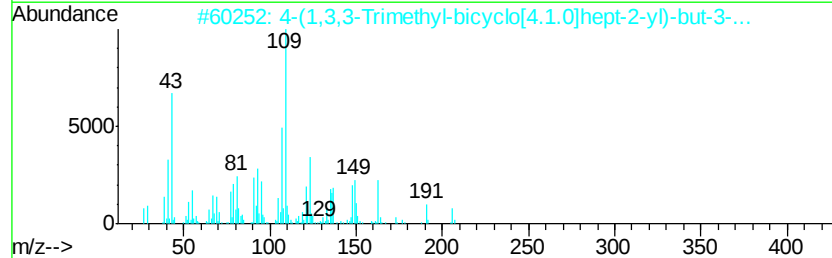
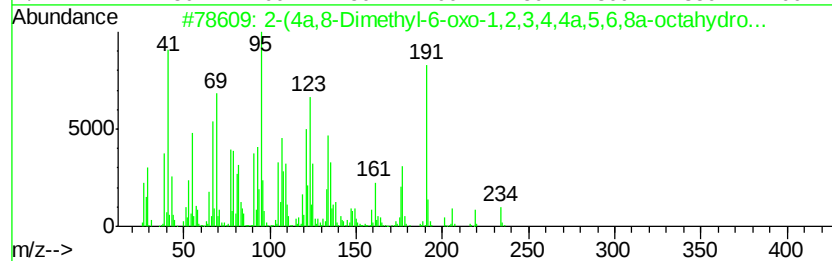
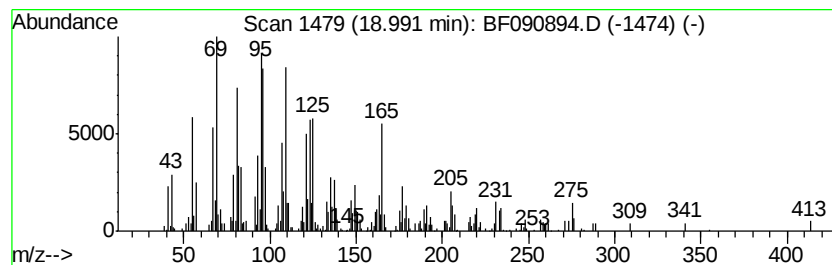
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-(4a,8-Dimethyl-6-oxo-1,2,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	16.23 ng	566147	Perylene-d12	15.35

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	50
2		4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	40
3		3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	38
4		2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	38
5		Carbamic acid, N-phenyl-, 1,5-di...	273	C17H23NO2	118723-77-6	35



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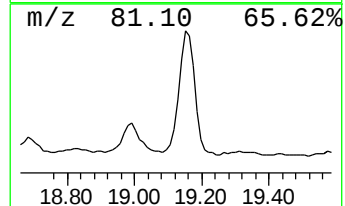
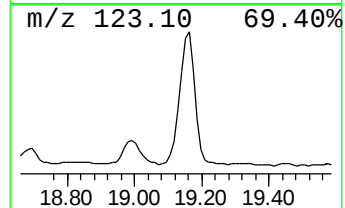
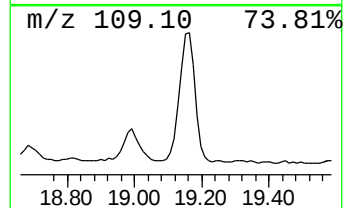
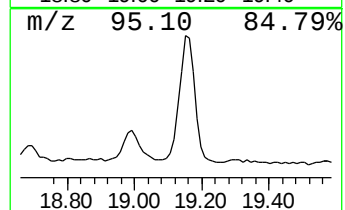
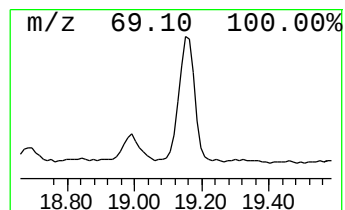
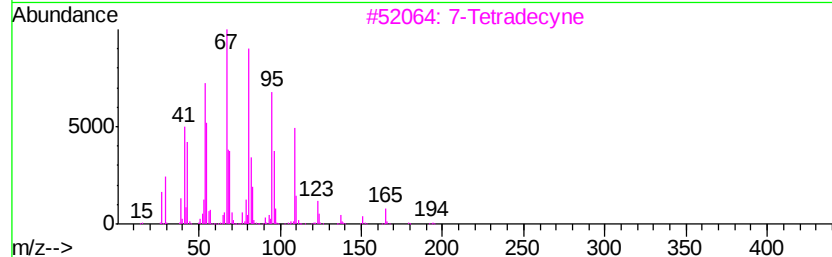
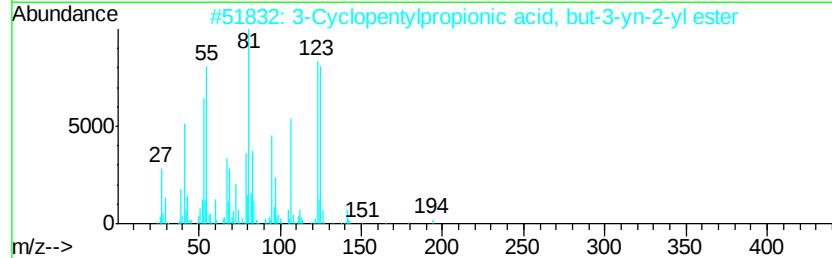
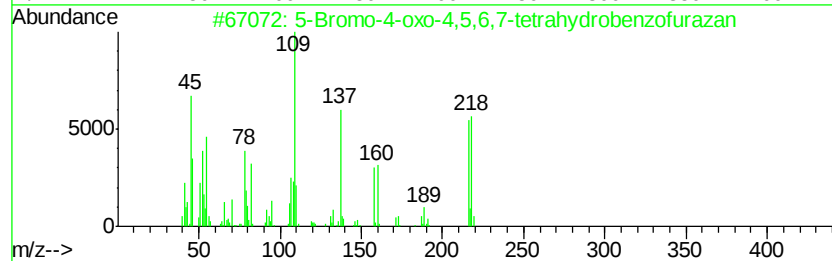
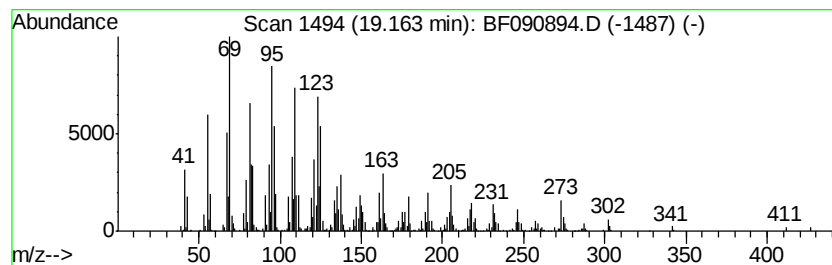
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	68.44 ng	2386880	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
2		3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	44
3		7-Tetradecyne	194	C14H26	035216-11-6	43
4		3(4H)-Phenanthrenone, 4a,4b,5,6,...	246	C17H26O	057684-12-5	30
5		1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	25



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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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...	4.93	25.9	ng	961321	1	6.77	741589	20.0
unknown6.54	6.54	95.7	ng	3549570	1	6.77	741589	20.0
Tetradecane	14.42	10.3	ng	561596	5	13.93	1091030	20.0
Naphthalene, 2-(p...	14.47	8.8	ng	479875	5	13.93	1091030	20.0
2,6,10,14,18,22-T...	14.79	8.5	ng	295841	6	15.35	697514	20.0
Pentadecane, 8-he...	15.04	46.4	ng	1618240	6	15.35	697514	20.0
Eicosane, 10-methyl-	15.79	40.8	ng	1422070	6	15.35	697514	20.0
Tetracosane	16.81	8.3	ng	287929	6	15.35	697514	20.0
Methyl isolithoch...	17.03	14.2	ng	493521	6	15.35	697514	20.0
.beta.-Sitosterol	17.25	37.2	ng	1295910	6	15.35	697514	20.0
unknown17.29	17.29	46.8	ng	1631650	6	15.35	697514	20.0
8-Amino-6,7-dimet...	17.45	19.1	ng	665051	6	15.35	697514	20.0
5-(1-Naphthyl)tri...	17.67	28.0	ng	976341	6	15.35	697514	20.0
unknown17.77	17.77	46.7	ng	1627920	6	15.35	697514	20.0
unknown17.99	17.99	22.5	ng	784626	6	15.35	697514	20.0
Stigmast-4-en-3-one	18.19	16.4	ng	570152	6	15.35	697514	20.0
Naphthalene, 1,6-...	18.50	15.3	ng	533980	6	15.35	697514	20.0
2-(4a,8-Dimethyl-...	18.99	16.2	ng	566147	6	15.35	697514	20.0
5-Bromo-4-oxo-4,5...	19.16	68.4	ng	2386880	6	15.35	697514	20.0