

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082040.D
 Acq On : 4 Oct 2015 00:24
 Operator : UM/IZ
 Sample : G3891-09
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-9(0-2)

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-BF092815.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.063	253	256	259	rBV	666920	940051	44.84%	3.463%
2	5.474	290	292	295	rBV	1121659	1520115	72.50%	5.600%
3	6.514	380	383	385	rBV	1667495	1652239	78.80%	6.087%
4	6.651	392	395	397	rBV	1917917	1747057	83.33%	6.436%
5	6.709	397	400	407	rVB2	37417	59409	2.83%	0.219%
6	6.892	413	416	418	rBV	294471	425851	20.31%	1.569%
7	6.937	418	420	424	rVB3	12489	21484	1.02%	0.079%
8	7.040	427	429	432	rBV	1576679	1395095	66.54%	5.139%
9	7.452	463	465	471	rBV	1027114	1021131	48.70%	3.762%
10	8.172	526	528	530	rBV	672763	560719	26.74%	2.066%
11	8.766	578	580	582	rBV	17097	21757	1.04%	0.080%
12	8.880	589	590	593	rBV2	49785	59206	2.82%	0.218%
13	8.983	597	599	601	rBV	67868	55057	2.63%	0.203%
14	9.257	620	623	625	rBV	1658348	2096664	100.00%	7.724%
15	9.326	628	629	631	rVV	40807	46605	2.22%	0.172%
16	9.360	631	632	638	rVB2	14564	23811	1.14%	0.088%
17	9.520	644	646	648	rBV	30643	43797	2.09%	0.161%
18	9.589	648	652	653	rVV	55711	59240	2.83%	0.218%
19	9.612	653	654	655	rVV	40228	37934	1.81%	0.140%
20	9.646	655	657	661	rVV	377299	378574	18.06%	1.395%
21	9.703	661	662	667	rVB	28668	46163	2.20%	0.170%
22	9.795	667	670	672	rBV	38694	38419	1.83%	0.142%
23	9.863	672	676	678	rVB	40505	44557	2.13%	0.164%
24	9.932	680	682	685	rVV	794795	718274	34.26%	2.646%
25	10.035	689	691	694	rBV	15227	26281	1.25%	0.097%
26	10.138	697	700	702	rVV	27409	37223	1.78%	0.137%
27	10.172	702	703	706	rVB3	21068	24059	1.15%	0.089%
28	10.366	715	720	721	rBV2	50739	103148	4.92%	0.380%
29	10.469	728	729	733	rVB2	33681	40133	1.91%	0.148%
30	10.583	733	739	742	rBV	32687	50942	2.43%	0.188%
31	10.640	742	744	749	rBV2	20459	49744	2.37%	0.183%
32	10.720	749	751	754	rBV2	1039848	1183127	56.43%	4.359%
33	10.835	759	761	764	rVB	113088	171374	8.17%	0.631%
34	11.155	787	789	794	rBV2	21602	55672	2.66%	0.205%

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35	11.281	797	800	802	rBV2	73242	98227	4.68%	0.362%
36	11.429	810	813	816	rBV	471902	801581	38.23%	2.953%
37	11.669	830	834	835	rBV3	14316	29668	1.42%	0.109%
38	11.715	836	838	840	rVB	65943	54466	2.60%	0.201%
39	11.921	854	856	858	rBV	55788	86034	4.10%	0.317%
40	11.955	858	859	862	rVV	144788	237801	11.34%	0.876%
41	12.035	864	866	870	rVB	51802	93898	4.48%	0.346%
42	12.126	871	874	876	rBV	47876	55116	2.63%	0.203%
43	12.229	881	883	886	rBV2	18769	39711	1.89%	0.146%
44	12.366	892	895	897	rBV3	12275	27152	1.30%	0.100%
45	12.481	903	905	906	rBV	30488	43802	2.09%	0.161%
46	12.515	906	908	911	rVV2	55997	62352	2.97%	0.230%
47	12.641	916	919	921	rBV	169588	178383	8.51%	0.657%
48	12.686	921	923	926	rVB3	12221	23983	1.14%	0.088%
49	12.744	926	928	931	rBV3	17430	34052	1.62%	0.125%
50	12.835	934	936	937	rBV	54352	58317	2.78%	0.215%
51	12.869	937	939	940	rBV	126208	112730	5.38%	0.415%
52	12.892	940	941	947	rVB3	56714	123649	5.90%	0.456%
53	13.018	949	952	954	rBV	2016873	1923763	91.75%	7.087%
54	13.201	964	968	969	rVB	20330	36228	1.73%	0.133%
55	13.246	969	972	975	rBV2	45057	71984	3.43%	0.265%
56	13.304	975	977	978	rVB	21090	24470	1.17%	0.090%
57	13.544	996	998	1000	rBV	31550	27063	1.29%	0.100%
58	13.589	1000	1002	1004	rBV2	37199	54027	2.58%	0.199%
59	13.704	1010	1012	1014	rBV	37254	61913	2.95%	0.228%
60	13.738	1014	1015	1017	rVB	61574	43577	2.08%	0.161%
61	13.784	1017	1019	1020	rBV	50374	58747	2.80%	0.216%
62	13.921	1028	1031	1034	rBV	175960	242649	11.57%	0.894%
63	14.047	1039	1042	1043	rBV	340364	470994	22.46%	1.735%
64	14.069	1043	1044	1050	rVB	570125	707555	33.75%	2.607%
65	14.241	1057	1059	1060	rBV	36134	35969	1.72%	0.133%
66	14.367	1068	1070	1072	rBV2	53436	59953	2.86%	0.221%
67	14.549	1083	1086	1089	rBV2	112824	214702	10.24%	0.791%
68	14.847	1110	1112	1117	rVB	191547	239775	11.44%	0.883%
69	14.927	1117	1119	1123	rVB3	55468	63785	3.04%	0.235%
70	14.995	1123	1125	1128	rBV	225382	290641	13.86%	1.071%
71	15.109	1132	1135	1140	rBV	107771	225953	10.78%	0.832%

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72	15.224	1140	1145	1153	rBV2	338545	950513	45.33%	3.502%
73	15.407	1159	1161	1164	rVB	62188	84575	4.03%	0.312%
74	15.475	1164	1167	1170	rVV	57817	86792	4.14%	0.320%
75	15.532	1170	1172	1178	rVV	354166	632365	30.16%	2.330%
76	15.670	1182	1184	1186	rVB	20321	23013	1.10%	0.085%
77	15.772	1190	1193	1197	rBV	315377	508327	24.24%	1.873%
78	16.012	1210	1214	1216	rBV	216256	412250	19.66%	1.519%
79	16.058	1216	1218	1223	rVV2	91715	202025	9.64%	0.744%
80	16.412	1246	1249	1254	rVB5	28878	67280	3.21%	0.248%
81	16.504	1255	1257	1260	rVV	15512	26137	1.25%	0.096%
82	16.652	1267	1270	1279	rVB9	24830	102236	4.88%	0.377%
83	16.801	1280	1283	1288	rBV2	67835	157695	7.52%	0.581%
84	17.007	1296	1301	1306	rBV2	93694	326528	15.57%	1.203%
85	17.098	1306	1309	1312	rBV	69029	142881	6.81%	0.526%
86	17.167	1312	1315	1316	rBV3	30483	63496	3.03%	0.234%
87	17.418	1334	1337	1345	rBV	27712	89501	4.27%	0.330%
88	17.567	1346	1350	1358	rBV2	226496	721167	34.40%	2.657%
89	17.784	1366	1369	1374	rVB3	43560	112895	5.38%	0.416%
90	17.898	1376	1379	1381	rBV3	18603	44301	2.11%	0.163%
91	18.584	1434	1439	1447	rVB4	64534	219437	10.47%	0.808%
92	19.453	1511	1515	1525	rBV4	42556	172448	8.22%	0.635%
93	19.636	1526	1531	1542	rVB5	48026	195167	9.31%	0.719%
94	19.841	1544	1549	1556	rBV8	8648	34303	1.64%	0.126%

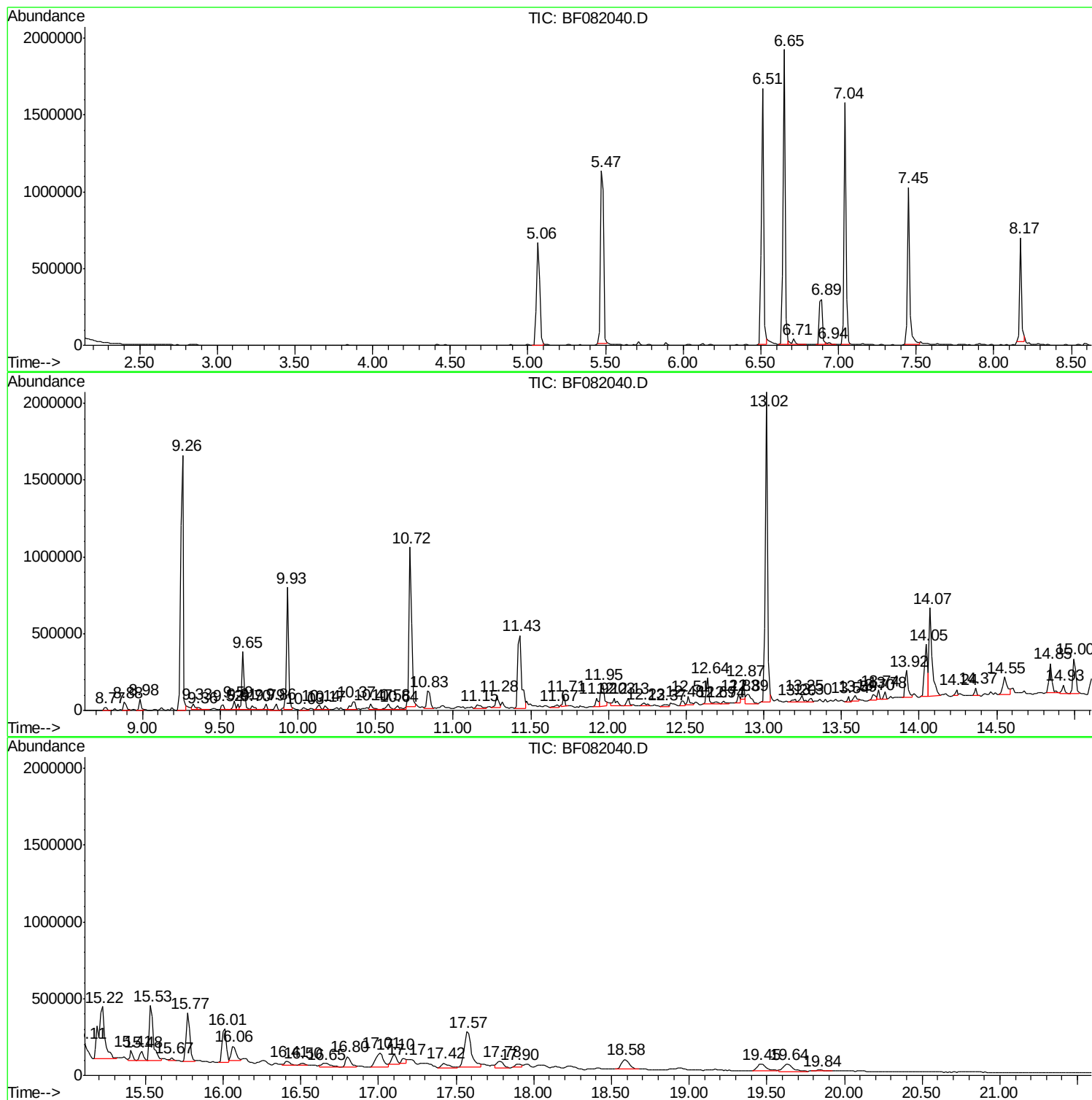
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Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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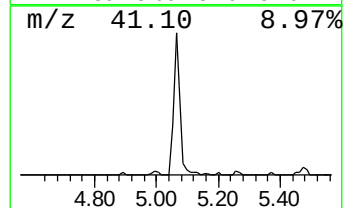
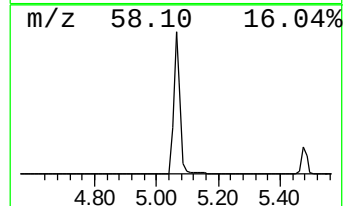
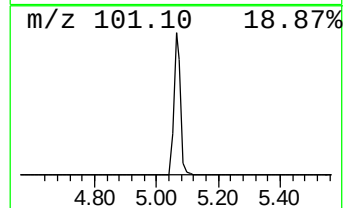
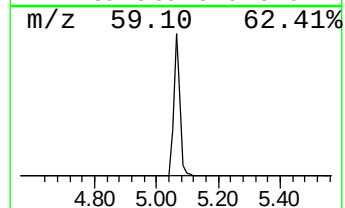
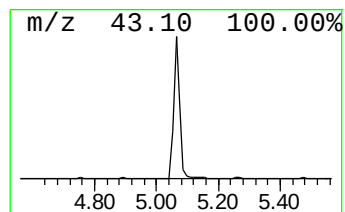
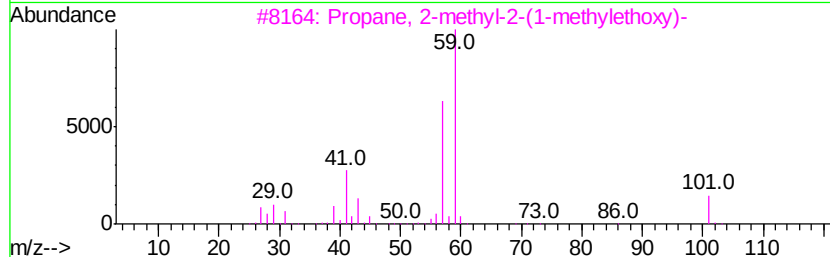
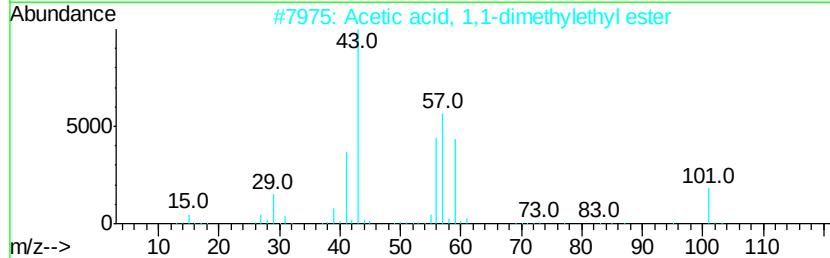
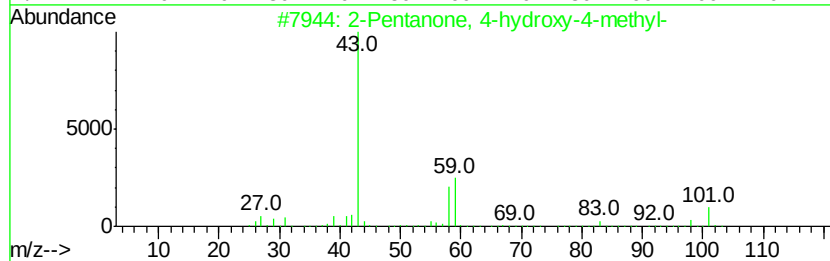
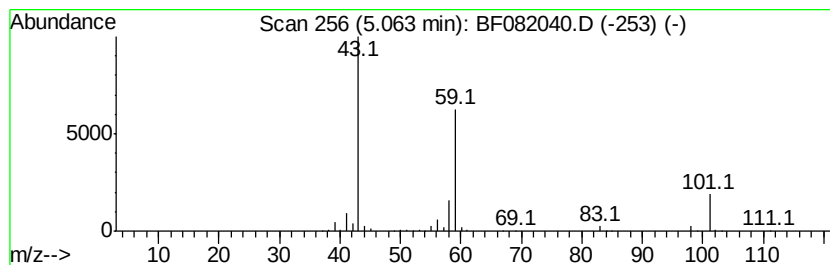
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	44.15 ng	940051	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33



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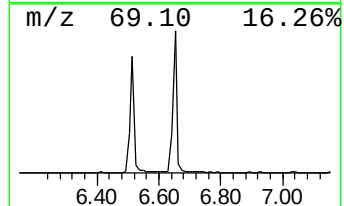
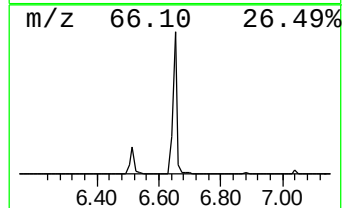
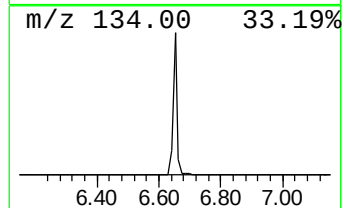
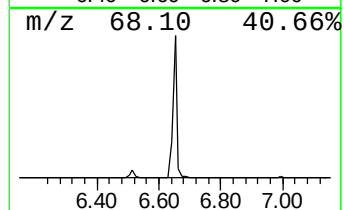
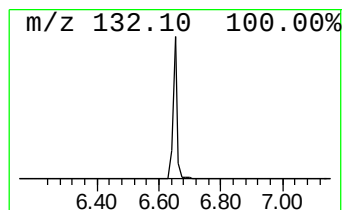
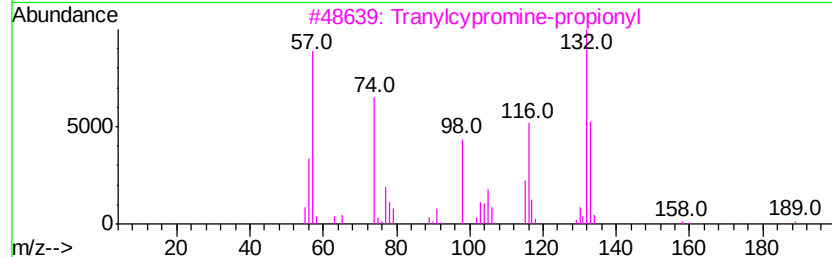
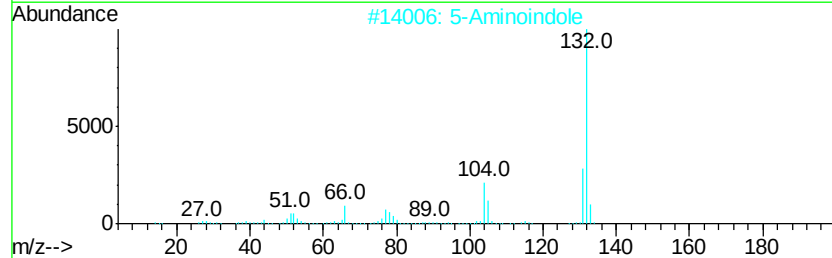
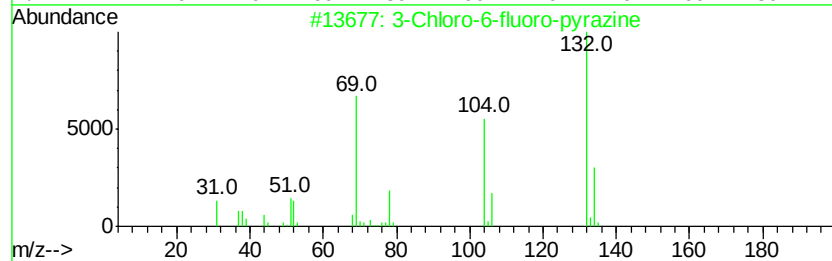
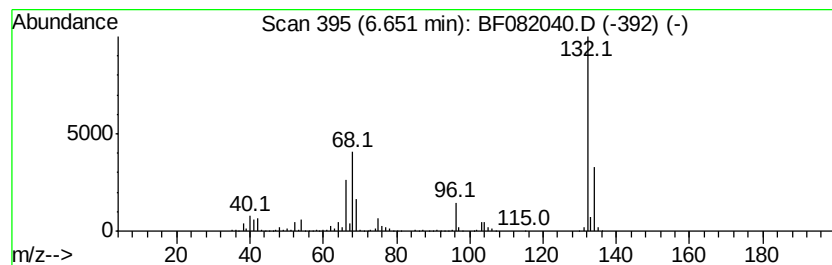
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	82.05 ng	1747060	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Aminoindole	132	C8H8N2	005192-03-0	12	
3	Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10	
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9	



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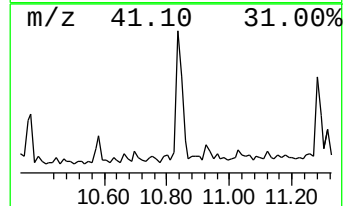
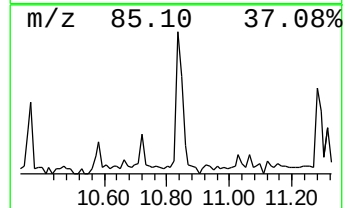
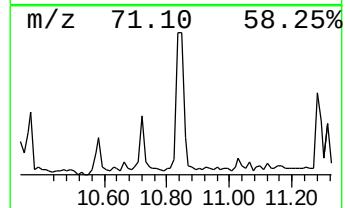
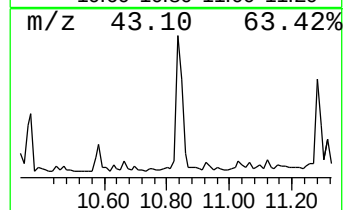
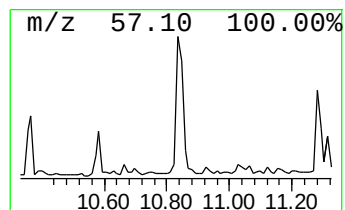
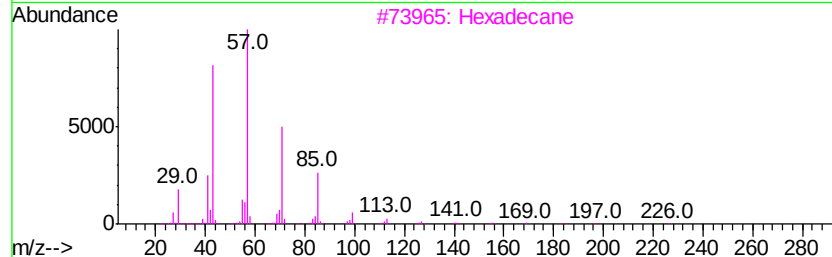
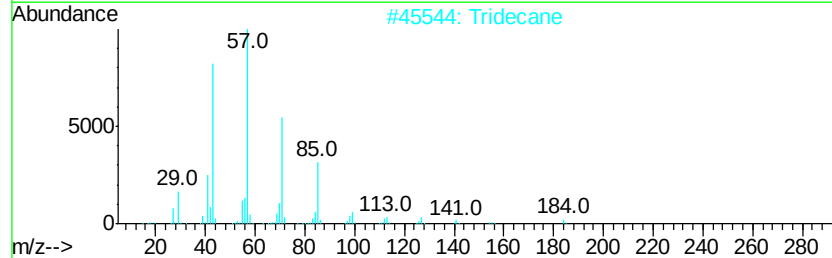
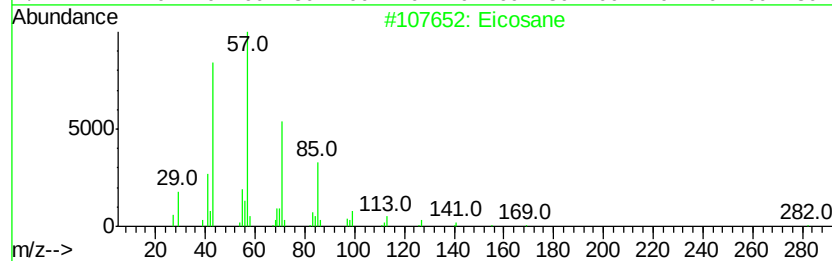
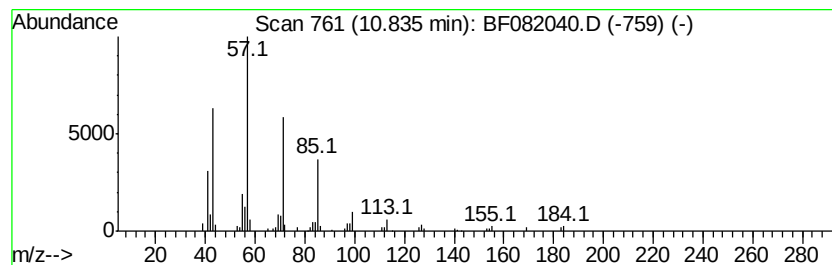
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.83	4.28 ng	171374	Phenanthrene-d10		11.43	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Tridecane		184	C13H28	000629-50-5	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Pentadecane		212	C15H32	000629-62-9	87
5	Heptacosane, 1-chloro-		414	C27H55Cl	062016-79-9	86



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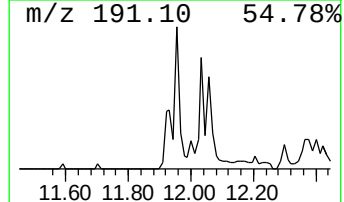
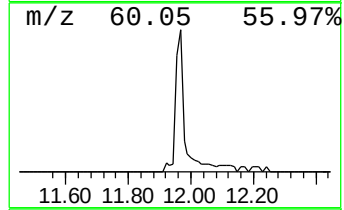
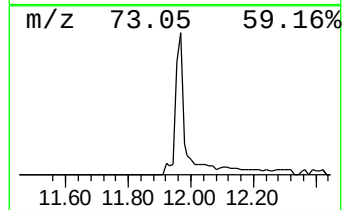
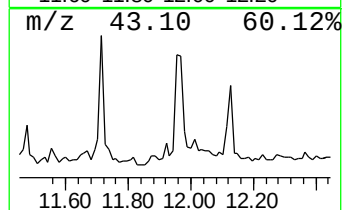
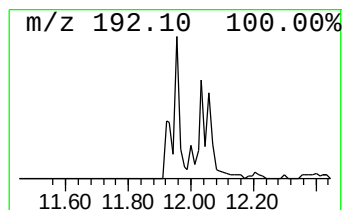
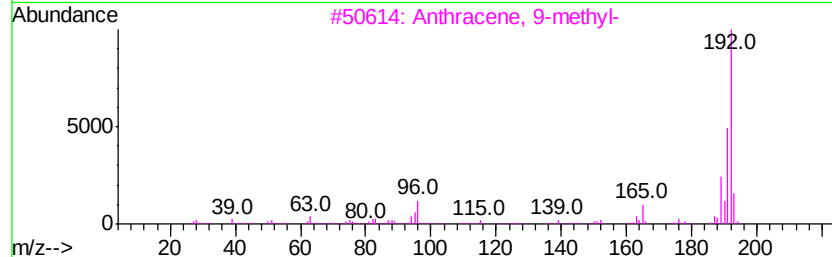
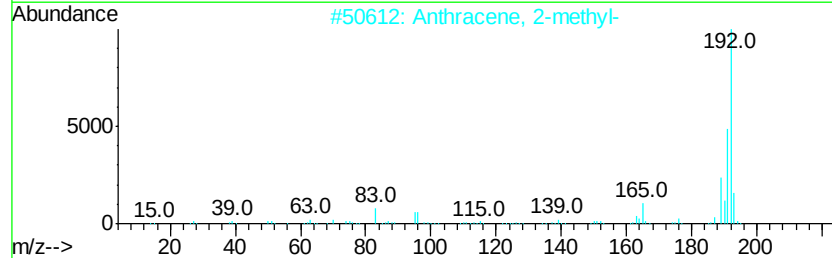
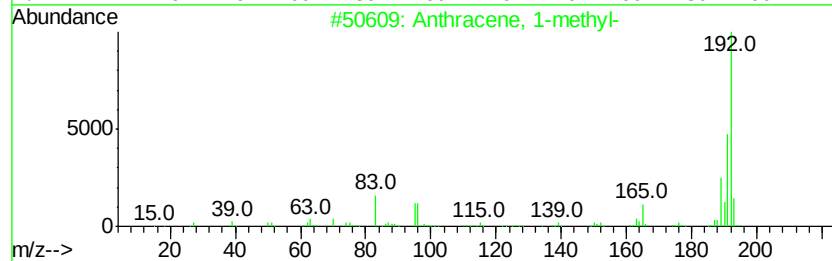
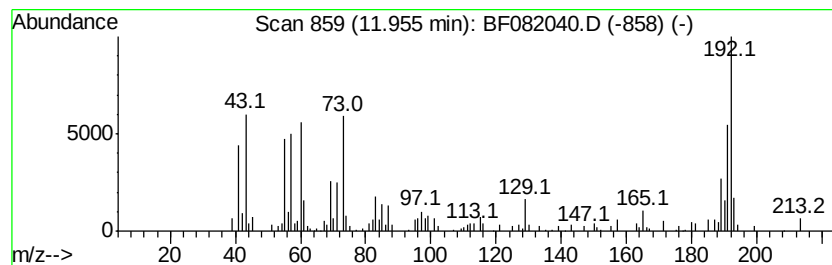
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	5.93 ng	237801	Phenanthrene-d10	11.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
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Acq On : 4 Oct 2015 00:24
Operator : UM/IZ
Sample : G3891-09
Misc :
ALS Vial : 60 Sample Multiplier: 1

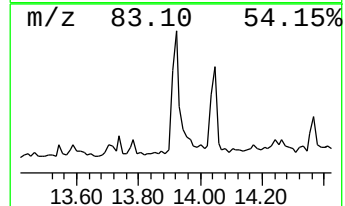
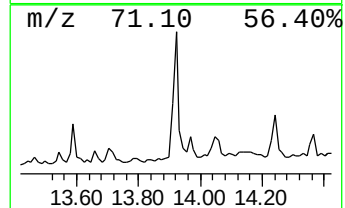
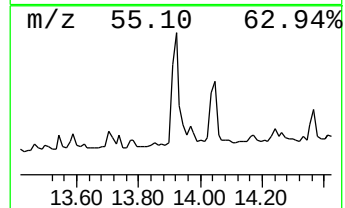
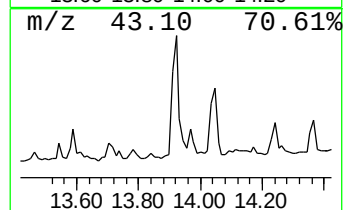
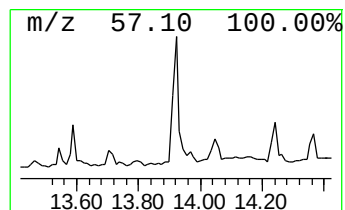
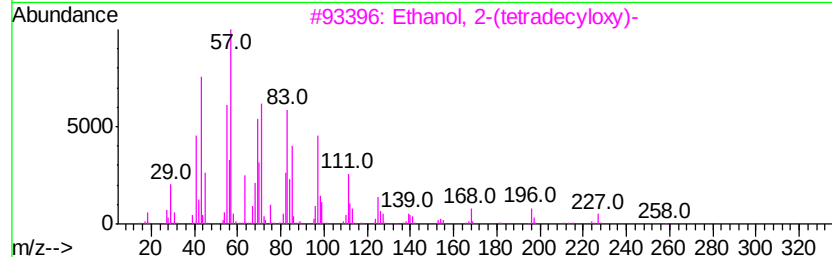
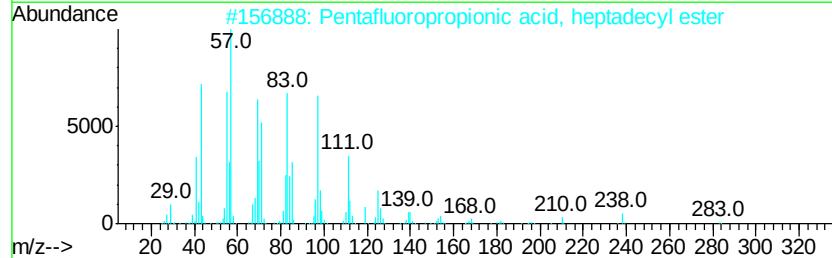
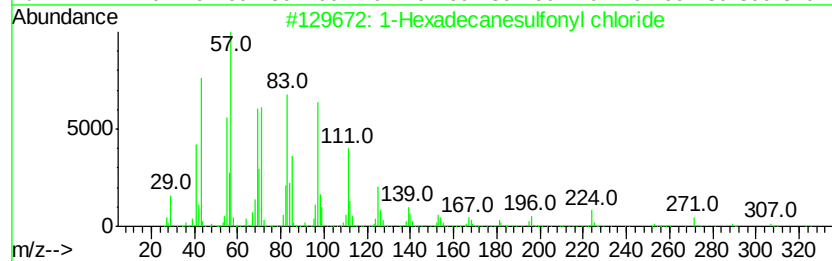
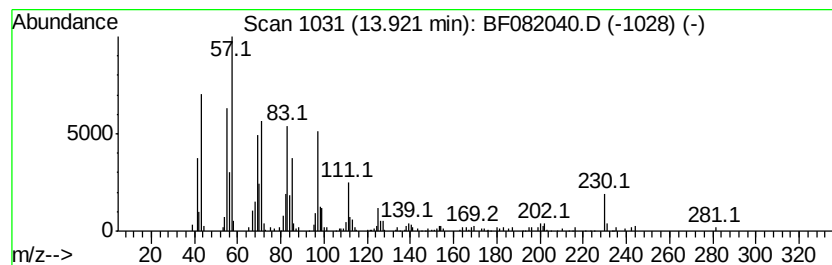
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Hexadecanesulfonyl chloride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.92	6.86 ng	242649	Chrysene-d12	14.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	81
4	17-Pentatriacontene	491	C35H70	006971-40-0	81
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082040.D
Acq On : 4 Oct 2015 00:24
Operator : UM/IZ
Sample : G3891-09
Misc :
ALS Vial : 60 Sample Multiplier: 1

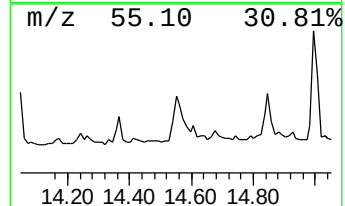
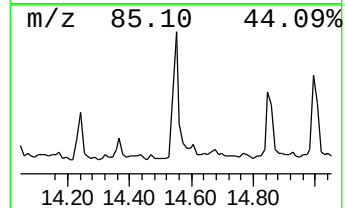
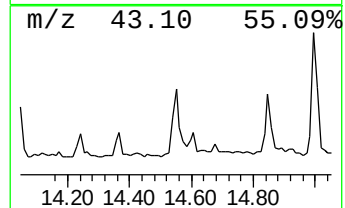
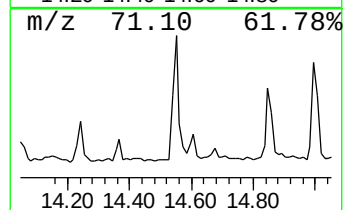
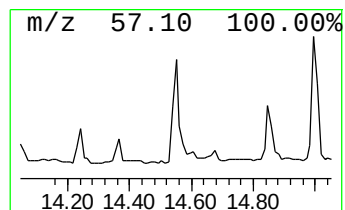
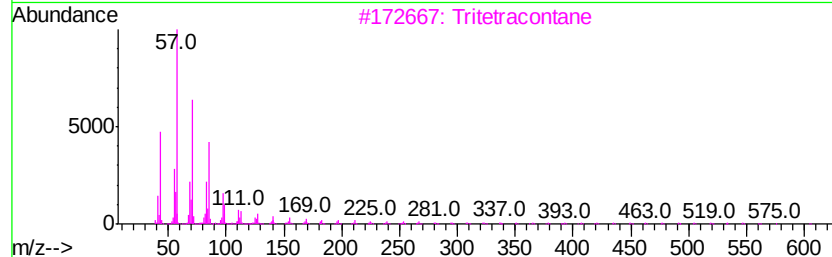
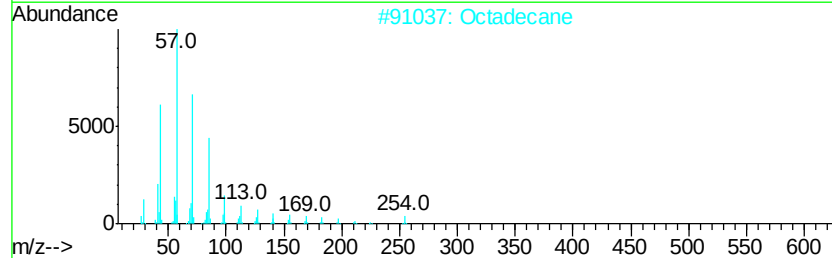
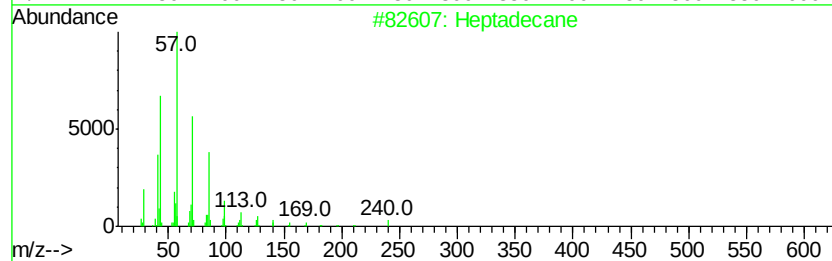
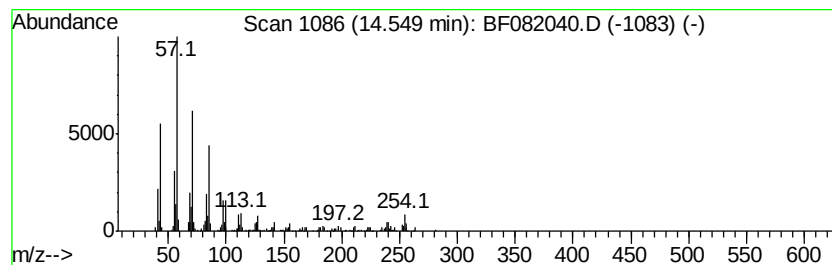
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.55	6.07 ng	214702	Chrysene-d12		14.07
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	98
2	Octadecane	254	C18H38	000593-45-3	91
3	Tritetracontane	605	C43H88	007098-21-7	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082040.D
Acq On : 4 Oct 2015 00:24
Operator : UM/IZ
Sample : G3891-09
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-9(0-2)

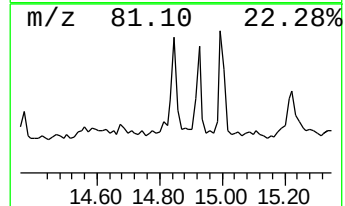
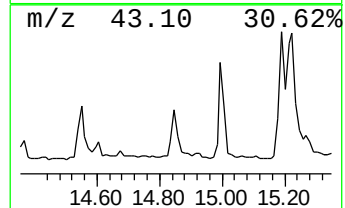
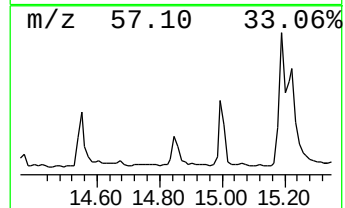
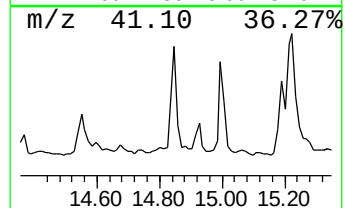
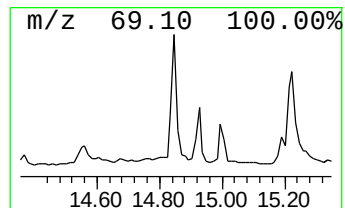
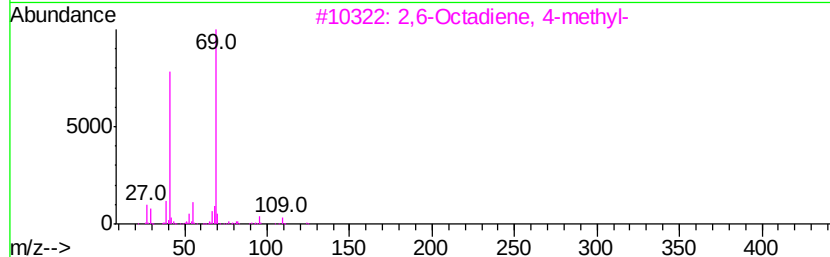
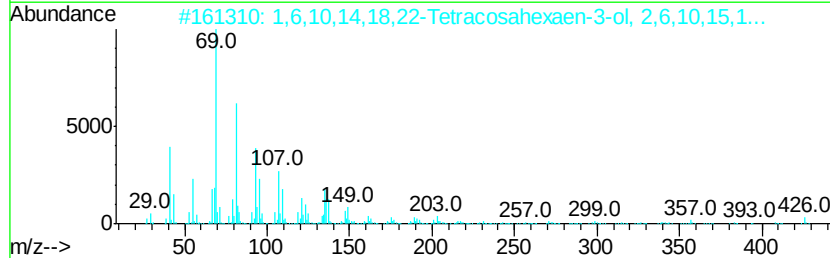
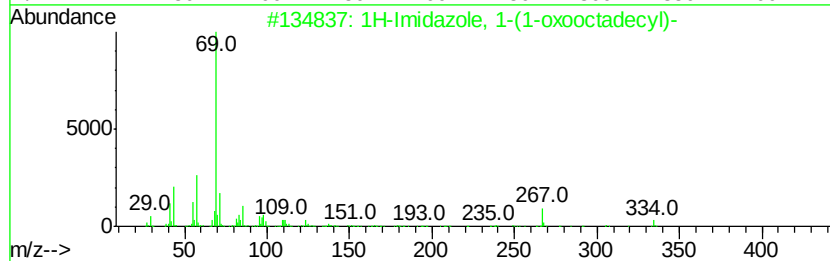
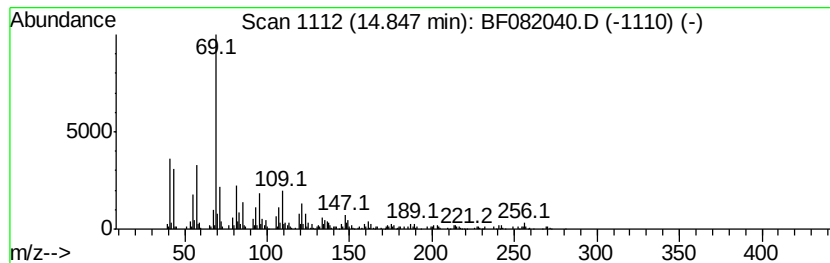
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Imidazole, 1-(1-oxooctadecyl) Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	7.58 ng	239775	Perylene-d12	15.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Imidazole, 1-(1-oxooctadecyl)-	334	C21H38N2O	017450-32-7	53
2		1,6,10,14,18,22-Tetracosahexaen-...	426	C30H50O	054159-46-5	50
3		2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	50
4		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	50
5		2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	40



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
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Sample : G3891-09
Misc :
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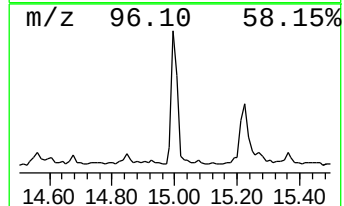
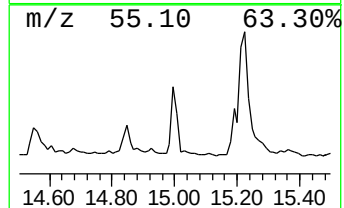
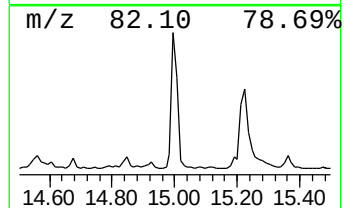
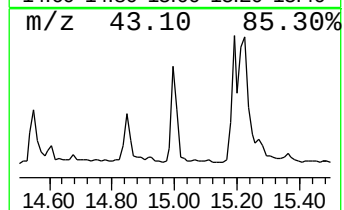
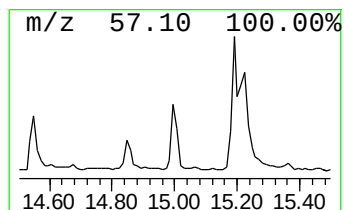
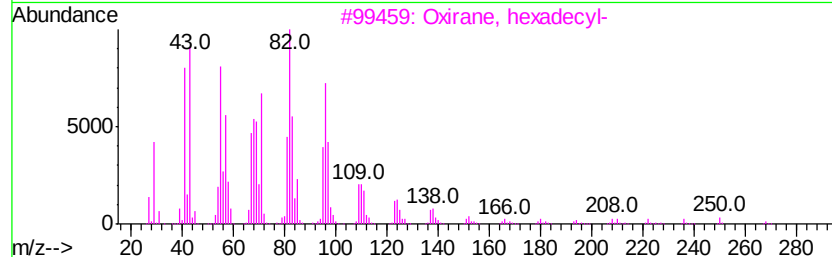
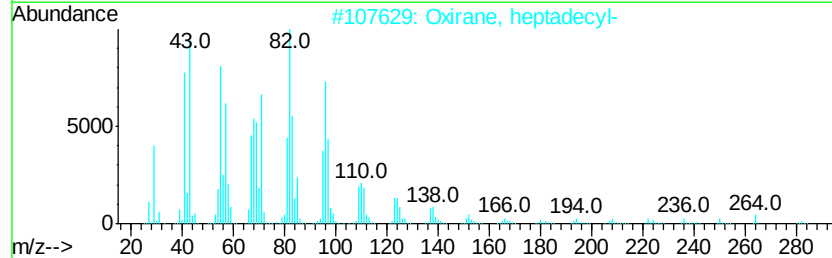
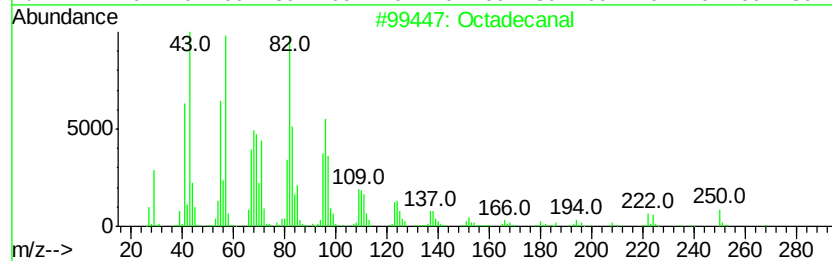
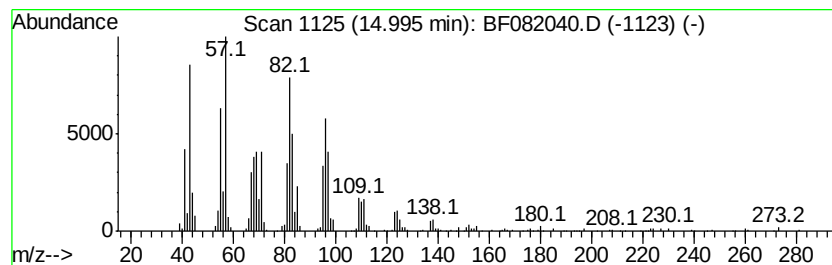
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.00	9.19 ng	290641	Perylene-d12	15.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
4	Pentadecanal-	226	C15H30O	002765-11-9	83
5	1,19-Eicosadiene	278	C20H38	014811-95-1	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
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Acq On : 4 Oct 2015 00:24
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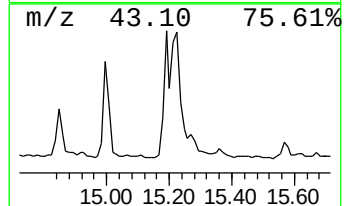
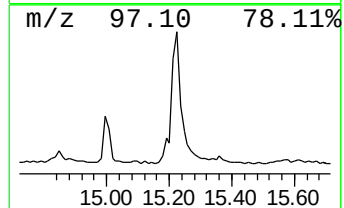
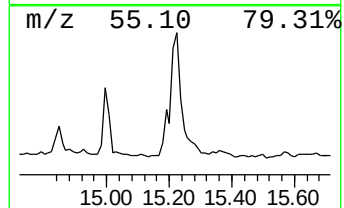
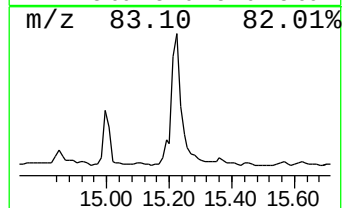
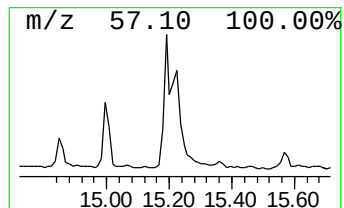
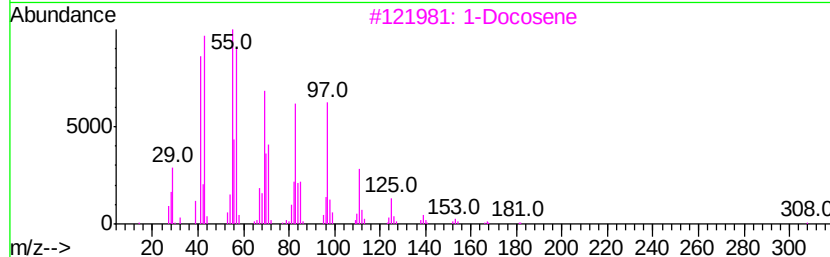
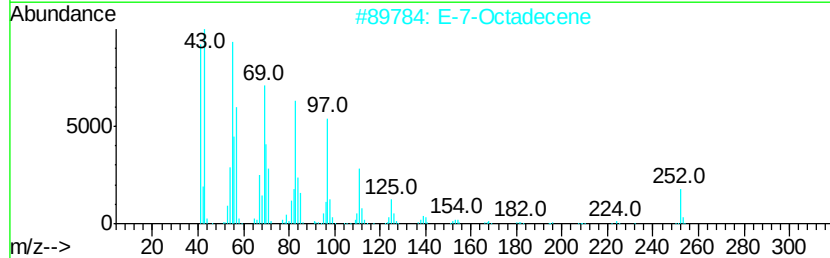
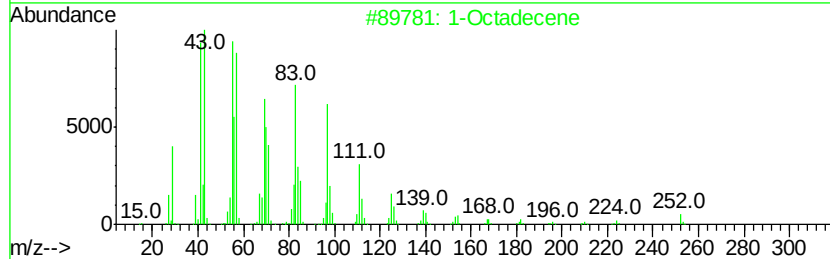
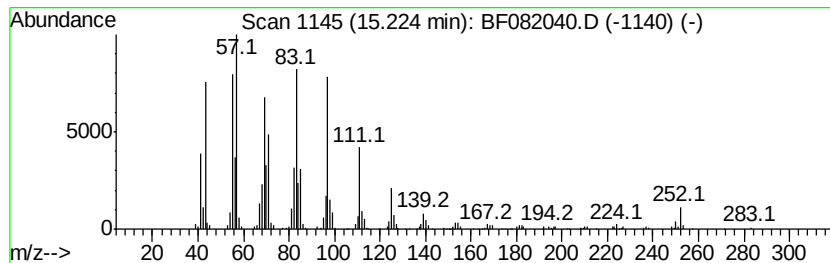
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Octadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	30.06 ng	950513	Perylene-d12	15.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octadecene	252 C18H36	000112-88-9	93
2	E-7-Octadecene	252 C18H36	1000130-92-0	91
3	1-Docosene	308 C22H44	001599-67-3	91
4	17-Pentatriacontene	491 C35H70	006971-40-0	91
5	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082040.D
Acq On : 4 Oct 2015 00:24
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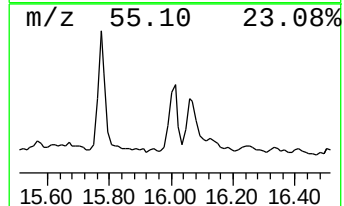
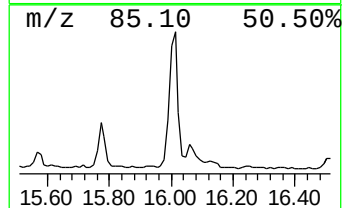
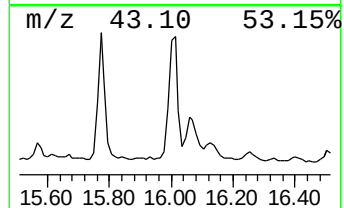
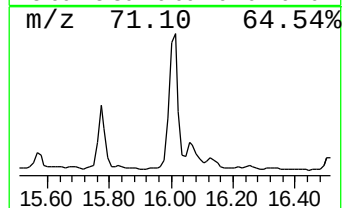
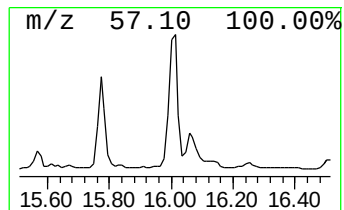
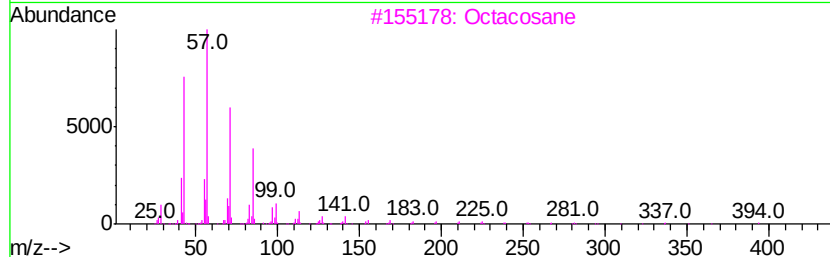
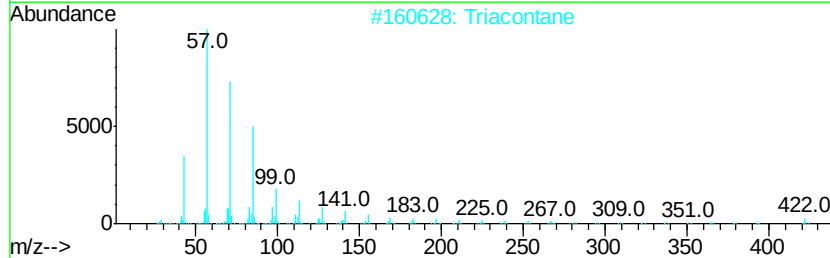
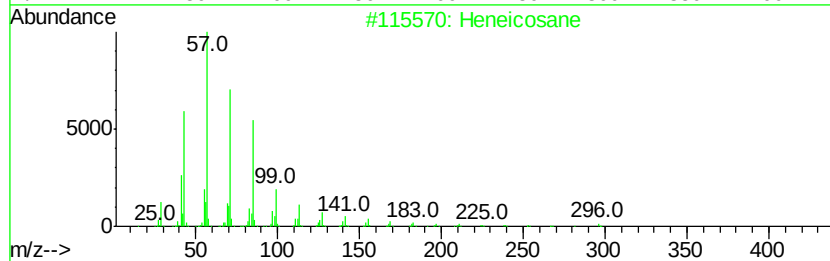
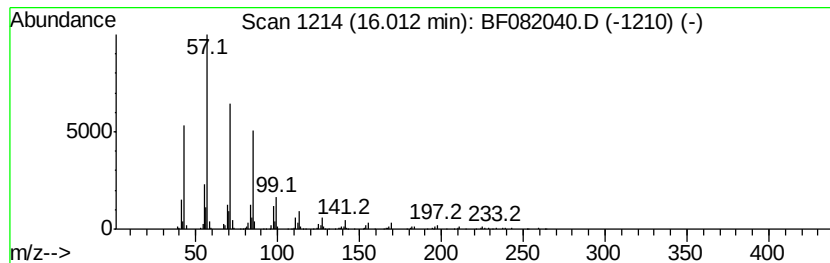
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	13.04 ng	412250	Perylene-d12	15.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
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Acq On : 4 Oct 2015 00:24
Operator : UM/IZ
Sample : G3891-09
Misc :
ALS Vial : 60 Sample Multiplier: 1

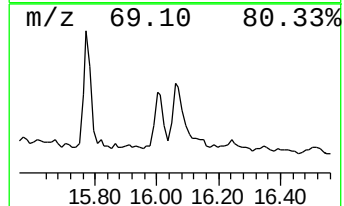
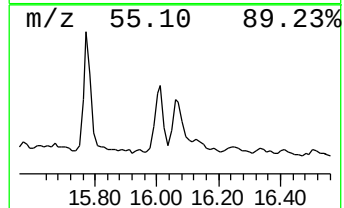
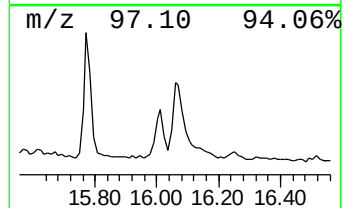
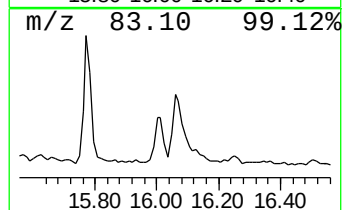
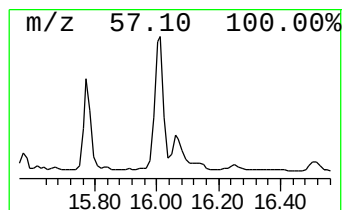
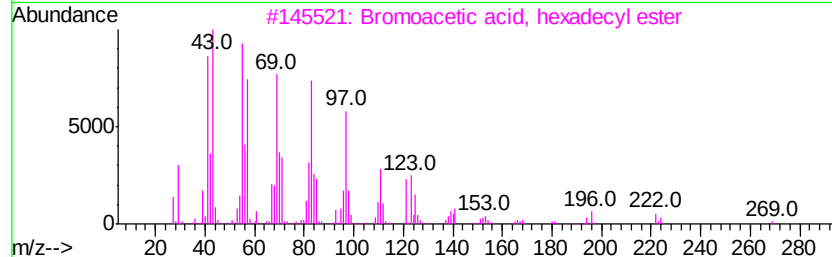
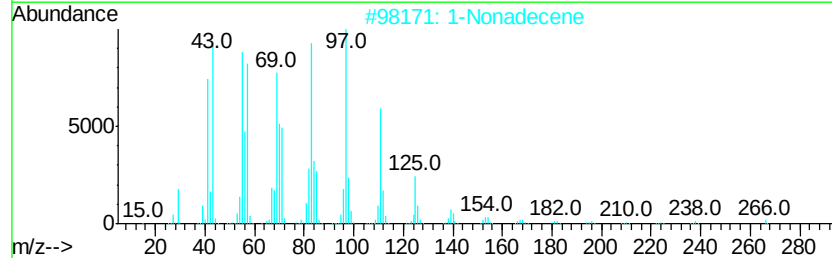
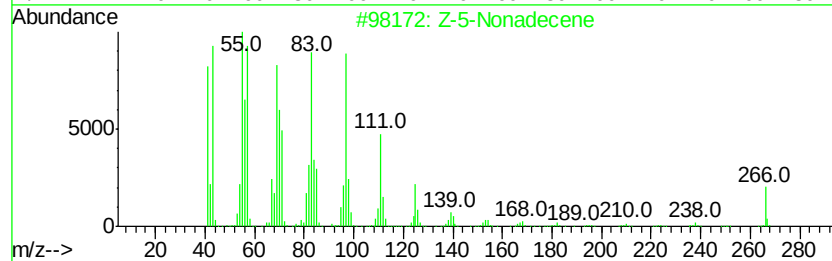
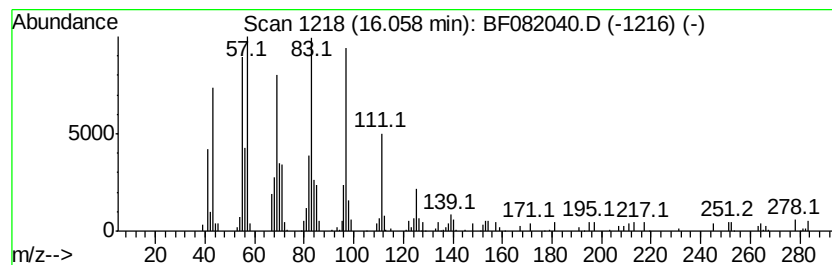
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Z-5-Nonadecene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.06	6.39 ng	202025	Perylene-d12	15.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	91
2	1-Nonadecene	266	C19H38	018435-45-5	87
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	83
4	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	78
5	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082040.D
Acq On : 4 Oct 2015 00:24
Operator : UM/IZ
Sample : G3891-09
Misc :
ALS Vial : 60 Sample Multiplier: 1

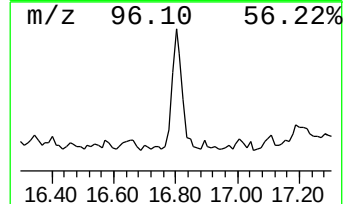
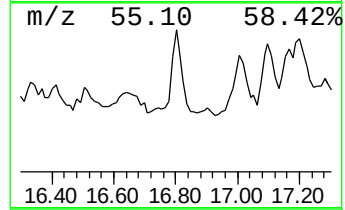
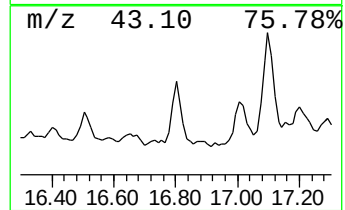
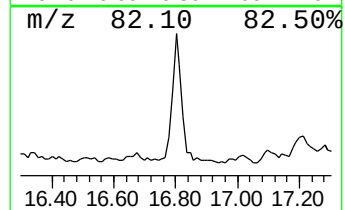
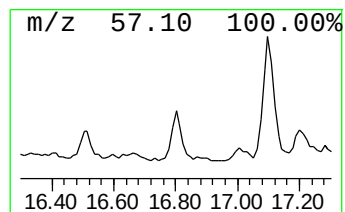
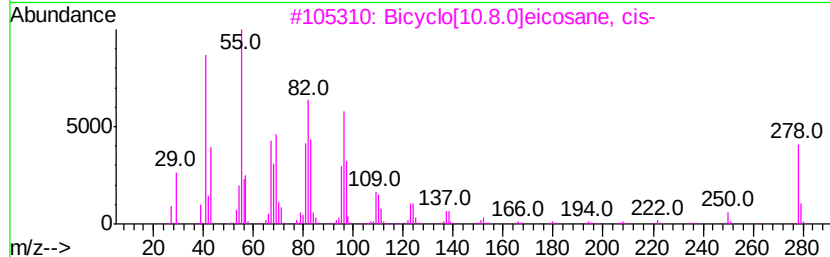
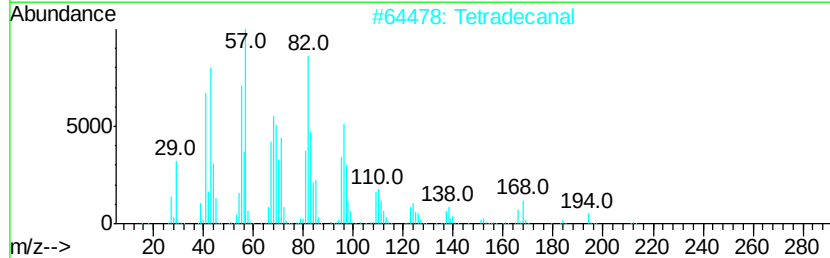
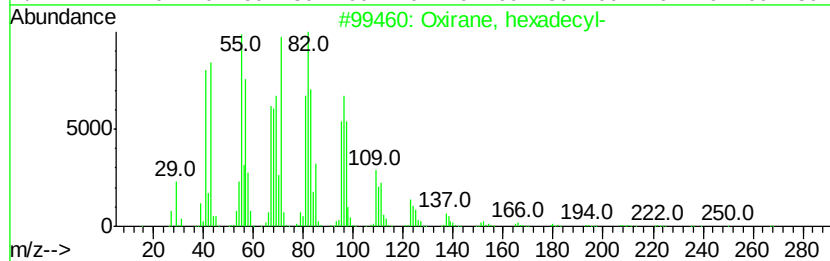
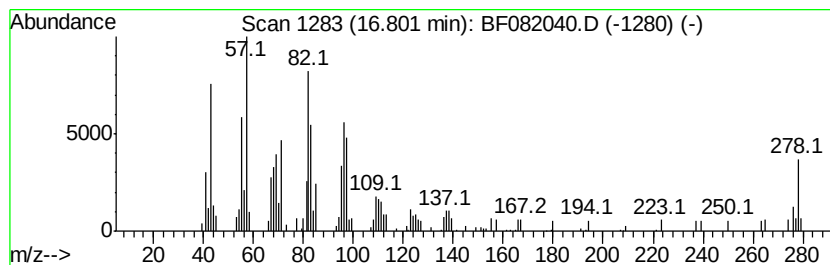
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Oxirane, hexadecyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.80	4.99 ng	157695	Perylene-d12	15.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	76
2	Tetradecanal	212	C14H28O	000124-25-4	72
3	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	62
4	1,19-Eicosadiene	278	C20H38	014811-95-1	58
5	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082040.D
Acq On : 4 Oct 2015 00:24
Operator : UM/IZ
Sample : G3891-09
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-9(0-2)

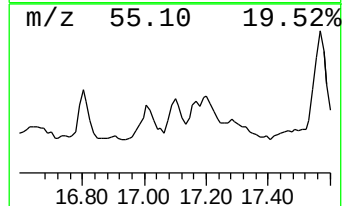
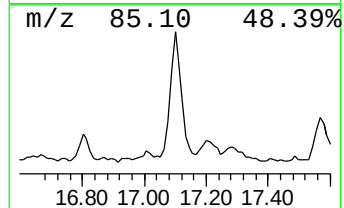
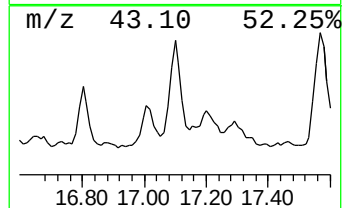
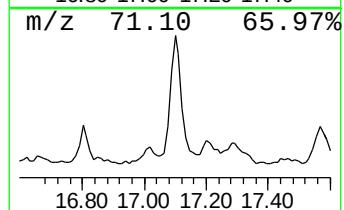
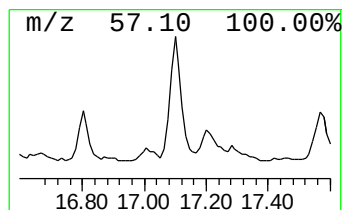
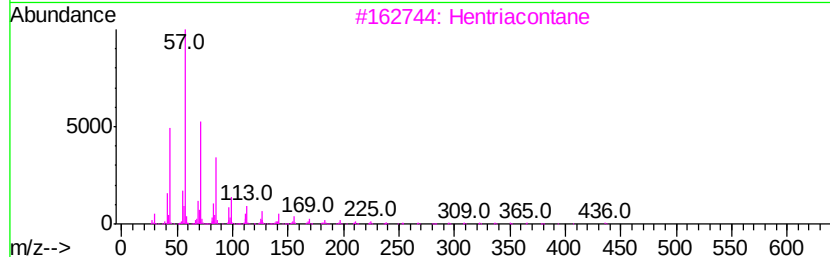
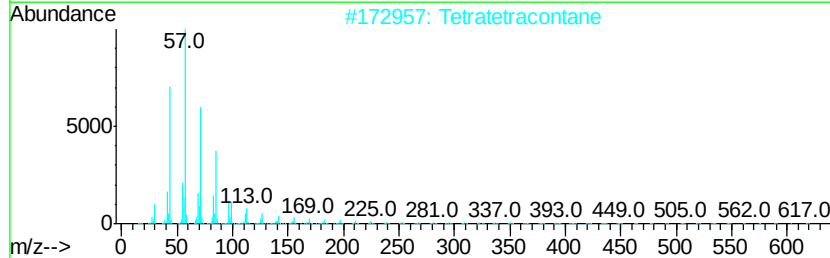
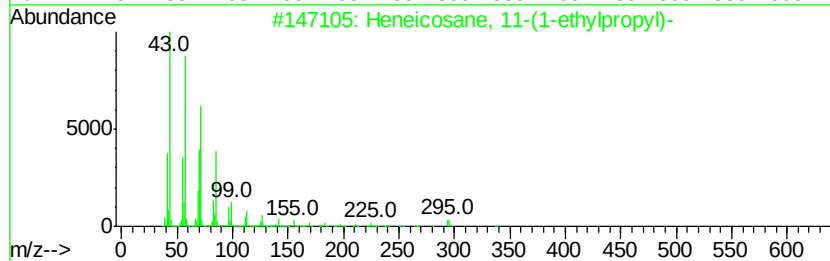
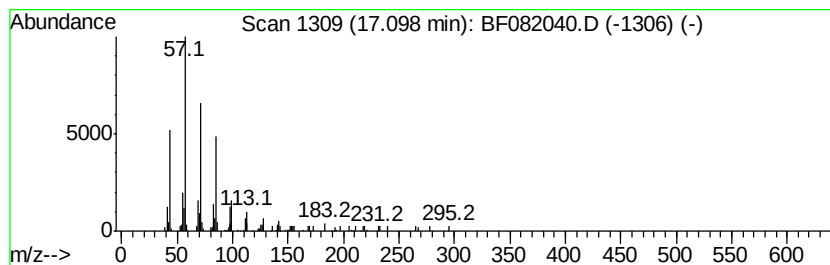
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane, 11-(1-ethylpro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	4.52 ng	142881	Perylene-d12	15.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Hentriacontane	437	C31H64	000630-04-6	87
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082040.D
Acq On : 4 Oct 2015 00:24
Operator : UM/IZ
Sample : G3891-09
Misc :
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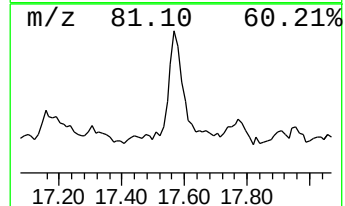
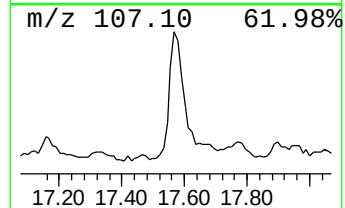
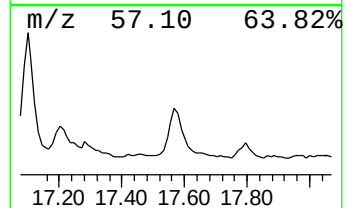
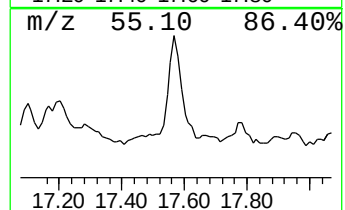
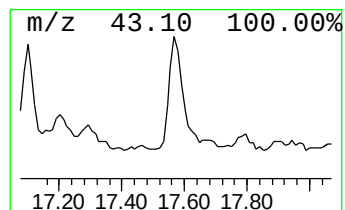
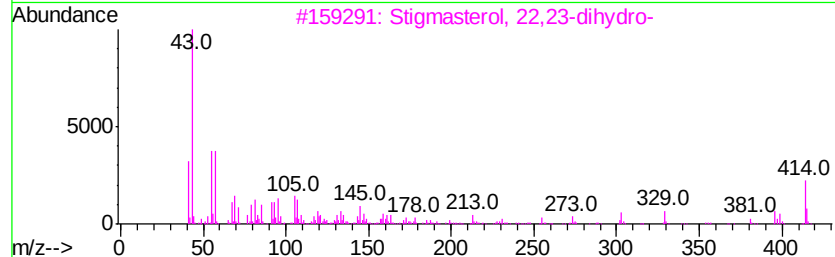
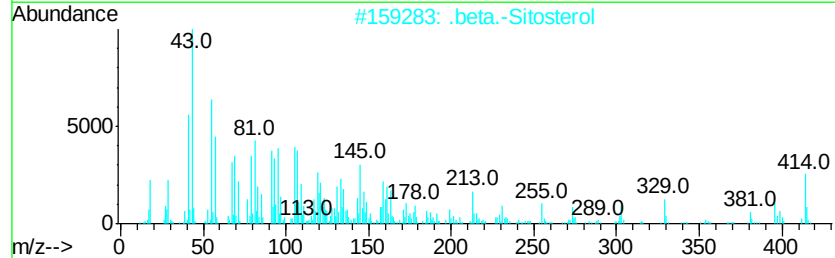
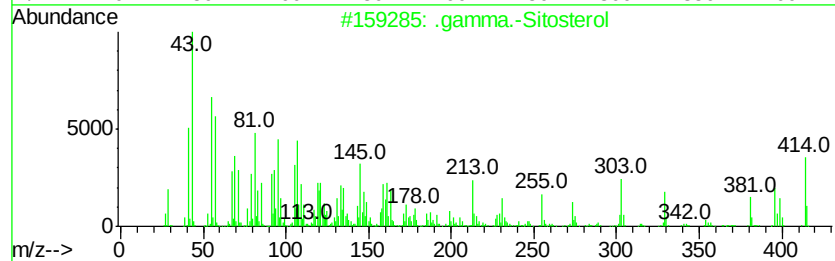
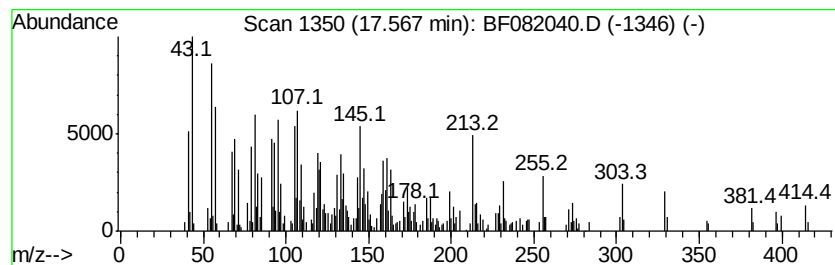
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 .gamma.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.57	22.81 ng	721167	Perylene-d12	15.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
3	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	89
4	Kauren-18-ol, acetate, (4.beta.)-	330	C22H34O2	072150-74-4	43
5	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082040.D
Acq On : 4 Oct 2015 00:24
Operator : UM/IZ
Sample : G3891-09
Misc :
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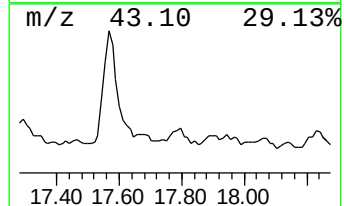
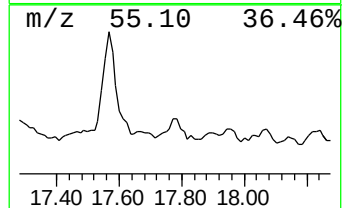
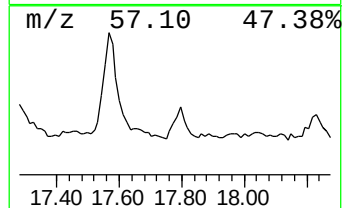
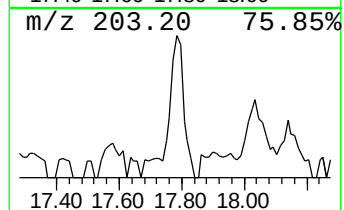
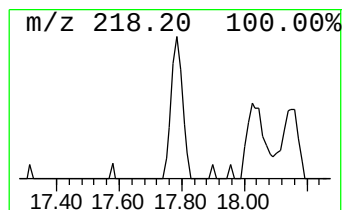
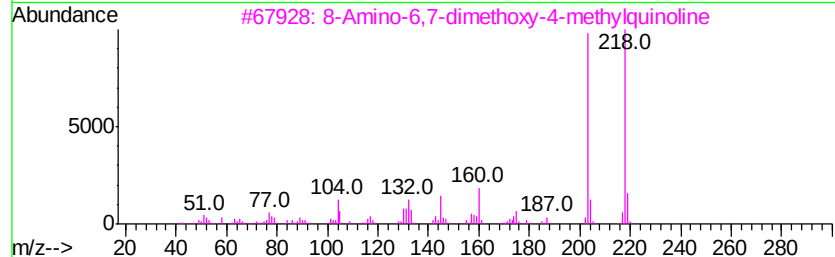
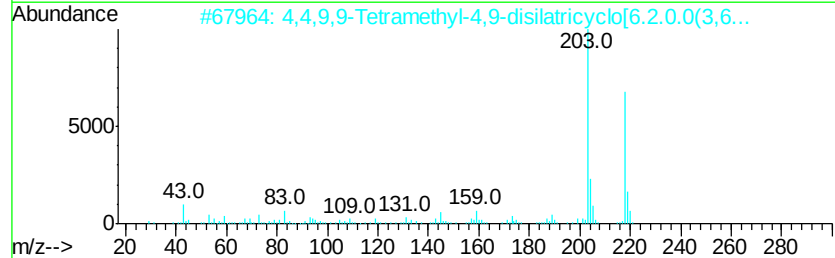
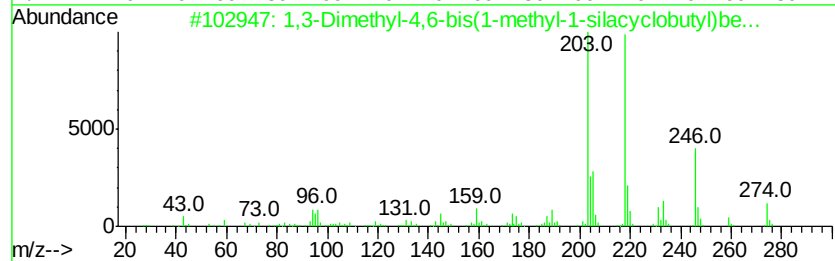
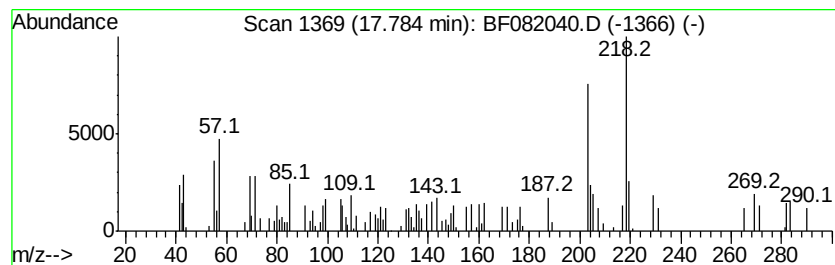
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,3-Dimethyl-4,6-bis(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	3.57 ng	112895	Perylene-d12	15.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dimethyl-4,6-bis(1-methyl-1-...	274	C16H26Si2	1000293-75-9	53
2			4,4,9,9-Tetramethyl-4,9-disilatr...	218	C12H18Si2	1000280-67-7	53
3			8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	47
4			2H-Cyclopropafalnaphthalen-2-one...	218	C15H22O	006831-17-0	40
5			Thieno[2,3-b]pyridine-2-carbonit...	218	C10H10N4S	147992-88-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
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Acq On : 4 Oct 2015 00:24
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Sample : G3891-09
Misc :
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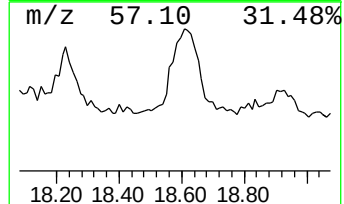
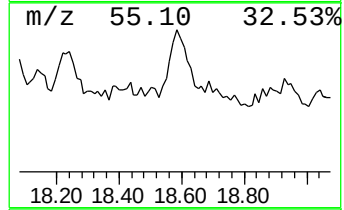
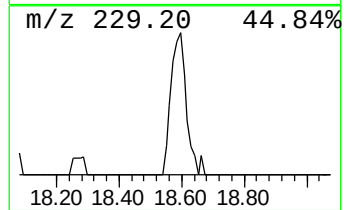
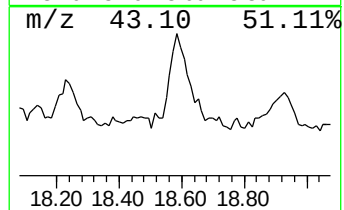
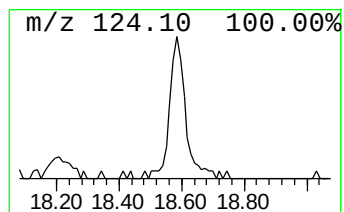
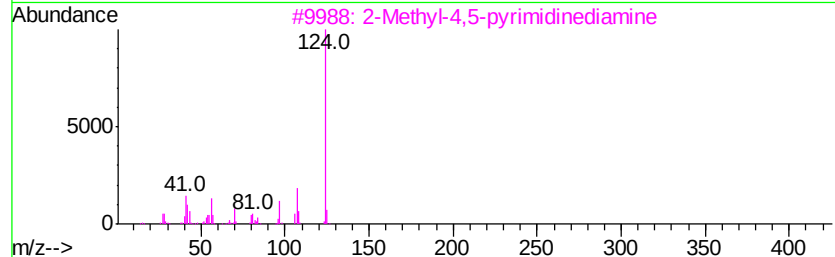
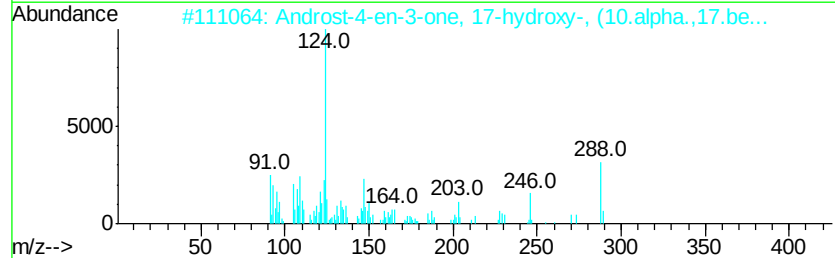
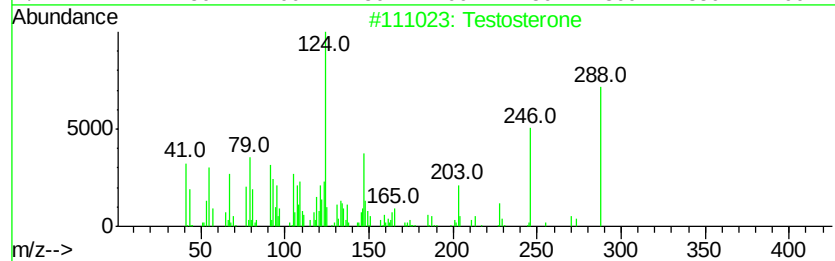
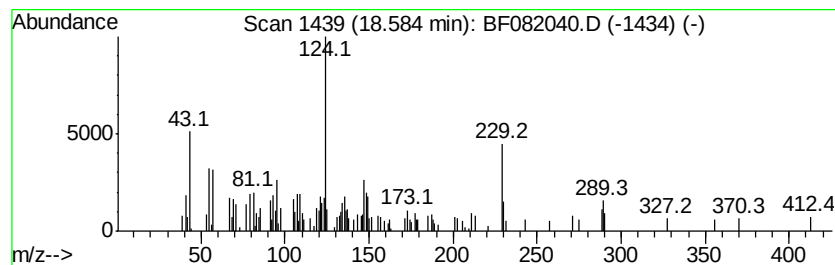
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Testosterone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.58	6.94 ng	219437	Perylene-d12		15.53	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Testosterone	288	C19H28O2	000058-22-0	90
2		Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	35
3		2-Methyl-4,5-pyrimidinediamine	124	C5H8N4	015579-63-2	35
4		1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	30
5		Sambucinol	266	C15H22O4	090044-33-0	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
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Acq On : 4 Oct 2015 00:24
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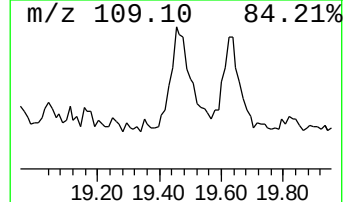
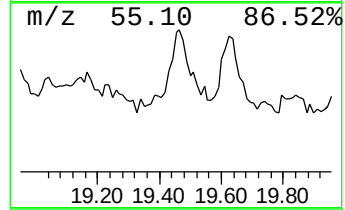
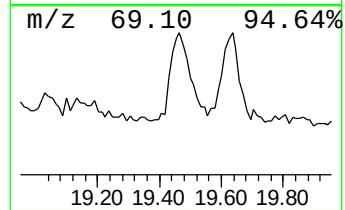
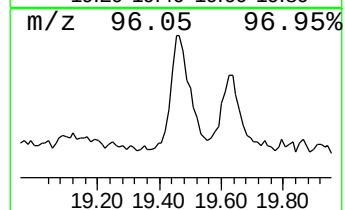
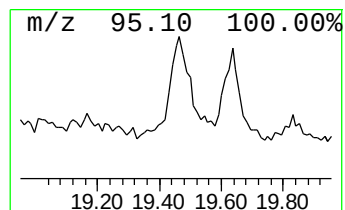
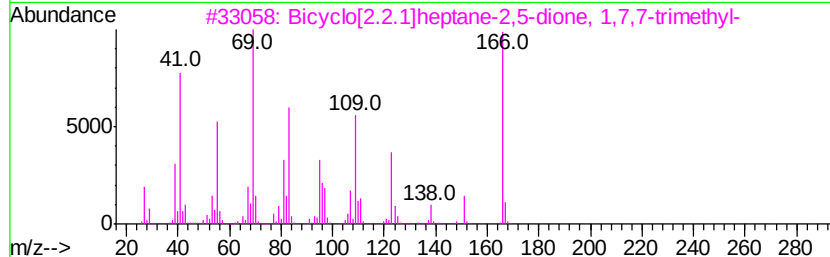
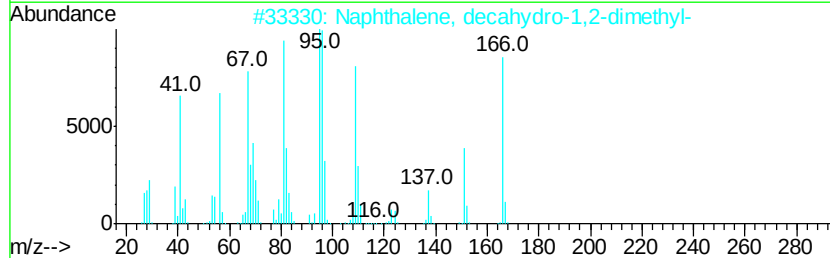
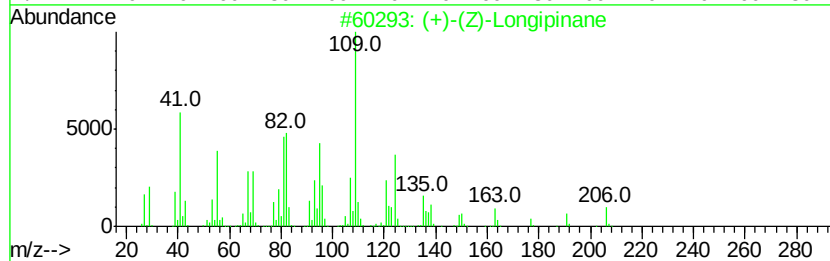
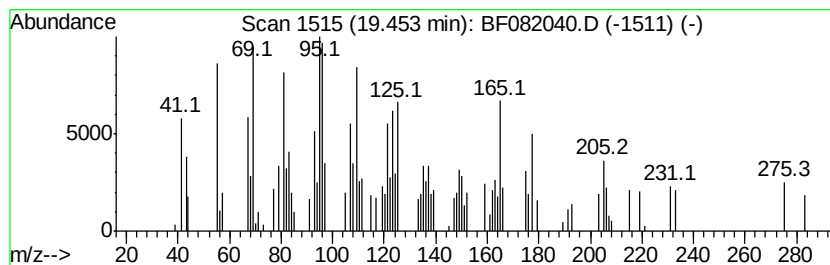
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown19.45 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	5.45 ng	172448	Perylene-d12	15.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-(Z)-Longipinane			206	C15H26	1000156-12-3	44
2	Naphthalene, decahydro-1,2-dimet...			166	C12H22	003604-14-6	43
3	Bicyclo[2.2.1]heptane-2,5-dione, ...			166	C10H14O2	004230-32-4	38
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...			138	C10H18	020536-41-8	38
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...			138	C10H18	020536-40-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082040.D
Acq On : 4 Oct 2015 00:24
Operator : UM/IZ
Sample : G3891-09
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-9(0-2)

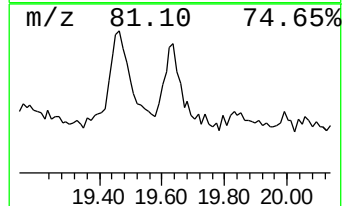
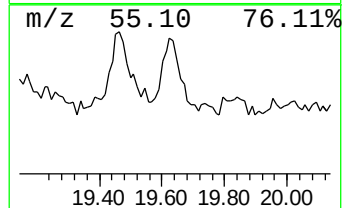
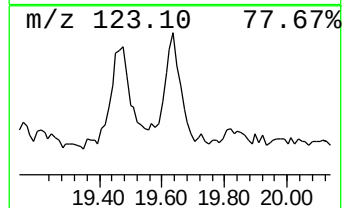
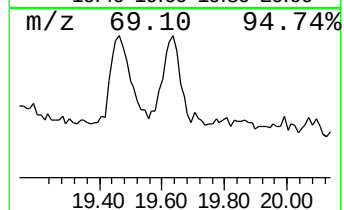
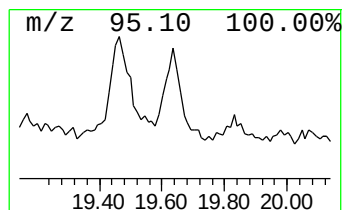
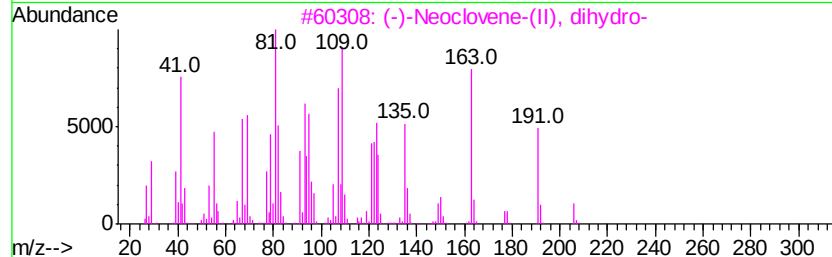
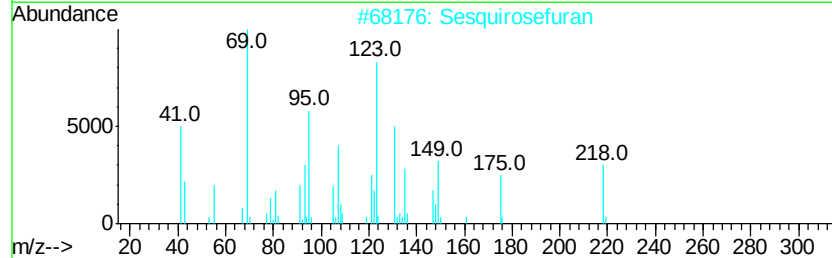
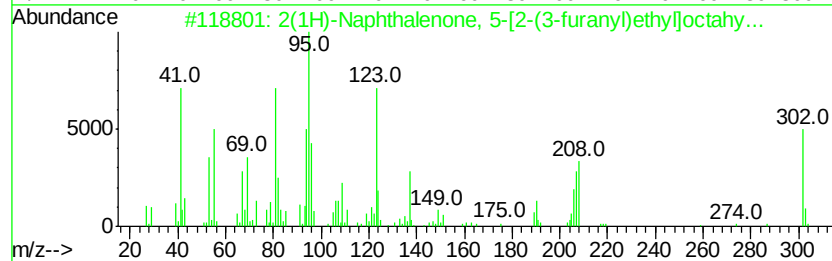
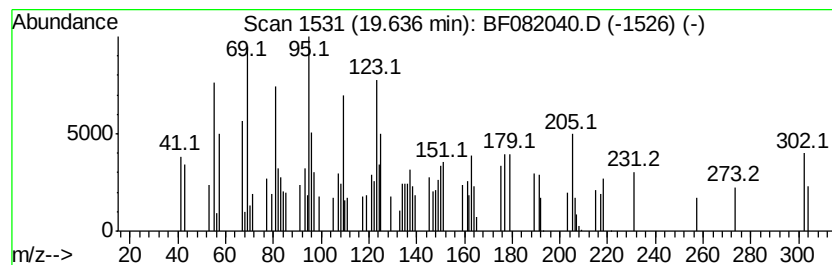
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown19.64 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	6.17 ng	195167	Perylene-d12	15.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2(1H)-Naphthalenone, 5-[2-(3-fur...	302	C20H30O2	059742-40-4	41
2			Sesquirosefuran	218	C15H22O	039007-93-7	25
3			(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	25
4			6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	25
5			Ethyl 2-octynoate	168	C10H16O2	010519-20-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082040.D
 Acq On : 4 Oct 2015 00:24
 Operator : UM/IZ
 Sample : G3891-09
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-9(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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...	5.06	44.1 ng		940051	1	6.89	425851	20.0
unknown6.65	6.65	82.0 ng		1747060	1	6.89	425851	20.0
Eicosane	10.83	4.3 ng		171374	4	11.43	801581	20.0
Anthracene, 1-met...	11.95	5.9 ng		237801	4	11.43	801581	20.0
1-Hexadecanesulfo...	13.92	6.9 ng		242649	5	14.07	707555	20.0
Heptadecane	14.55	6.1 ng		214702	5	14.07	707555	20.0
1H-Imidazole, 1-(...	14.85	7.6 ng		239775	6	15.53	632365	20.0
Octadecanal	15.00	9.2 ng		290641	6	15.53	632365	20.0
1-Octadecene	15.22	30.1 ng		950513	6	15.53	632365	20.0
Heneicosane	16.01	13.0 ng		412250	6	15.53	632365	20.0
Z-5-Nonadecene	16.06	6.4 ng		202025	6	15.53	632365	20.0
Oxirane, hexadecyl-	16.80	5.0 ng		157695	6	15.53	632365	20.0
Heneicosane, 11-(...	17.10	4.5 ng		142881	6	15.53	632365	20.0
.gamma.-Sitosterol	17.57	22.8 ng		721167	6	15.53	632365	20.0
1,3-Dimethyl-4,6-...	17.78	3.6 ng		112895	6	15.53	632365	20.0
Testosterone	18.58	6.9 ng		219437	6	15.53	632365	20.0
unknown19.45	19.45	5.5 ng		172448	6	15.53	632365	20.0
unknown19.64	19.64	6.2 ng		195167	6	15.53	632365	20.0