

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090361.D
 Acq On : 5 Oct 2016 00:07
 Operator : UM/SJ
 Sample : H4869-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-09

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-BF100416.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	5.228	250	253	257	rBV	1553094	1943727	22.65%	1.228%
2	5.628	285	288	290	rBV	7593977	7572491	88.24%	4.784%
3	5.846	304	307	310	rBV	380037	579771	6.76%	0.366%
4	6.634	373	376	379	rVB	6445290	7425636	86.53%	4.691%
5	6.783	386	389	391	rBV	8472387	8581609	100.00%	5.422%
6	7.011	406	409	411	rBV	2642425	2211160	25.77%	1.397%
7	7.137	418	420	421	rBV	157100	255047	2.97%	0.161%
8	7.171	421	423	425	rVB	7017824	6367813	74.20%	4.023%
9	7.411	442	444	446	rVB	1424954	1267378	14.77%	0.801%
10	7.571	454	458	460	rBV2	4495276	5789479	67.46%	3.658%
11	7.663	463	466	470	rVB	239724	336576	3.92%	0.213%
12	8.017	492	497	498	rBV3	115567	222872	2.60%	0.141%
13	8.040	498	499	501	rVB	726856	591219	6.89%	0.374%
14	8.303	519	522	524	rBV	2570936	2823952	32.91%	1.784%
15	9.069	586	589	591	rVB	134988	262312	3.06%	0.166%
16	9.377	613	616	618	rBV	8643545	7570347	88.22%	4.783%
17	9.492	624	626	631	rVB4	87700	219504	2.56%	0.139%
18	9.720	642	646	648	rBV	450684	565778	6.59%	0.357%
19	9.766	648	650	653	rVV	2336042	2748397	32.03%	1.736%
20	9.915	661	663	666	rBV	133135	249106	2.90%	0.157%
21	9.983	666	669	673	rVB2	132888	249281	2.90%	0.157%
22	10.063	673	676	677	rBV	3235960	3191871	37.19%	2.017%
23	10.177	684	686	688	rBV3	262027	314304	3.66%	0.199%
24	10.852	742	745	747	rBV	4422939	4652576	54.22%	2.939%
25	10.978	753	756	759	rBV2	556600	931220	10.85%	0.588%
26	11.035	759	761	762	rBV	387996	508852	5.93%	0.321%
27	11.058	762	763	765	rVV2	412165	537001	6.26%	0.339%
28	11.092	765	766	768	rVV2	521412	608829	7.09%	0.385%
29	11.160	770	772	775	rBV3	266786	618545	7.21%	0.391%
30	11.206	775	776	778	rVB2	665211	683406	7.96%	0.432%
31	11.252	778	780	782	rBV2	379069	650814	7.58%	0.411%
32	11.286	782	783	785	rVB	336534	257401	3.00%	0.163%
33	11.412	793	794	799	rBV2	231039	376712	4.39%	0.238%
34	11.549	804	806	808	rBV	2665568	2376969	27.70%	1.502%

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35	11.629	810	813	814	rVB2	265551	486076	5.66%	0.307%
36	11.732	820	822	824	rBV2	169850	231600	2.70%	0.146%
37	11.766	824	825	827	rBV2	627550	657368	7.66%	0.415%
38	12.006	844	846	848	rBV2	686389	929018	10.83%	0.587%
39	12.075	850	852	854	rBV2	1806901	2053961	23.93%	1.298%
40	12.178	859	861	864	rVB3	140617	270499	3.15%	0.171%
41	12.258	865	868	870	rBV3	240582	441062	5.14%	0.279%
42	12.338	873	875	877	rBV2	112915	224620	2.62%	0.142%
43	12.441	882	884	886	rVV2	225289	395477	4.61%	0.250%
44	12.498	887	889	891	rVV2	295344	464860	5.42%	0.294%
45	12.589	895	897	899	rVV2	164428	285945	3.33%	0.181%
46	12.761	910	912	914	rBV	513218	858145	10.00%	0.542%
47	12.818	914	917	919	rVV	3449468	4684329	54.59%	2.959%
48	12.863	919	921	924	rVV	957963	941874	10.98%	0.595%
49	13.001	928	933	937	rVV4	289832	953002	11.11%	0.602%
50	13.138	943	945	947	rVV	4691891	5126193	59.73%	3.239%
51	13.218	947	952	956	rVV5	575494	2802925	32.66%	1.771%
52	13.275	956	957	959	rVV	428782	530234	6.18%	0.335%
53	13.321	959	961	964	rVB2	374517	636208	7.41%	0.402%
54	13.389	964	967	968	rBV2	596289	650020	7.57%	0.411%
55	13.526	978	979	980	rVV	247807	266945	3.11%	0.169%
56	13.572	981	983	984	rVV2	598257	695590	8.11%	0.439%
57	13.652	988	990	992	rVV	445311	701473	8.17%	0.443%
58	13.686	992	993	994	rVV	333817	276322	3.22%	0.175%
59	13.744	997	998	1000	rVB2	311628	389815	4.54%	0.246%
60	13.789	1000	1002	1004	rBV	252970	266685	3.11%	0.168%
61	13.881	1008	1010	1011	rBV	898598	950784	11.08%	0.601%
62	13.904	1011	1012	1014	rVV2	722101	900390	10.49%	0.569%
63	14.006	1017	1021	1022	rBV2	4250730	5023790	58.54%	3.174%
64	14.041	1022	1024	1030	rVB	1221209	1724154	20.09%	1.089%
65	14.121	1030	1031	1034	rVB2	205479	238820	2.78%	0.151%
66	14.201	1034	1038	1039	rBV2	2101135	3645390	42.48%	2.303%
67	14.258	1042	1043	1045	rVB	286888	222848	2.60%	0.141%
68	14.372	1051	1053	1059	rVB4	453434	1006372	11.73%	0.636%
69	14.624	1070	1075	1077	rBV3	208556	664203	7.74%	0.420%
70	14.681	1077	1080	1082	rBV	1648653	2310894	26.93%	1.460%
71	14.898	1097	1099	1102	rVB	207160	286399	3.34%	0.181%

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72	15.069	1112	1114	1119	rVB	352660	520812	6.07%	0.329%
73	15.264	1128	1131	1136	rBV	632842	1315382	15.33%	0.831%
74	15.355	1136	1139	1145	rBV3	1018808	2373755	27.66%	1.500%
75	15.572	1156	1158	1160	rBV	302696	457191	5.33%	0.289%
76	15.641	1162	1164	1167	rVB	449688	546527	6.37%	0.345%
77	15.709	1167	1170	1172	rBV	1099401	1419489	16.54%	0.897%
78	16.212	1211	1214	1216	rBV	572341	994727	11.59%	0.628%
79	16.258	1216	1218	1224	rVB	2257792	3757228	43.78%	2.374%
80	16.452	1232	1235	1237	rBV2	655412	1187775	13.84%	0.750%
81	16.670	1248	1254	1256	rBV3	397134	1024805	11.94%	0.647%
82	16.715	1256	1258	1268	rVB5	187293	451291	5.26%	0.285%
83	17.058	1285	1288	1291	rBV2	141669	302214	3.52%	0.191%
84	17.230	1300	1303	1305	rBV2	201048	471000	5.49%	0.298%
85	17.275	1305	1307	1313	rVB5	214839	643885	7.50%	0.407%
86	17.378	1313	1316	1318	rBV	146292	325208	3.79%	0.205%
87	17.435	1318	1321	1328	rVB5	257481	970216	11.31%	0.613%
88	17.687	1340	1343	1351	rVB	274646	824956	9.61%	0.521%
89	17.881	1355	1360	1363	rBV	1707426	4581464	53.39%	2.894%
90	17.973	1366	1368	1373	rVB3	660055	1512676	17.63%	0.956%
91	18.110	1377	1380	1385	rVB2	368765	920024	10.72%	0.581%
92	18.224	1385	1390	1393	rBV2	756149	2083252	24.28%	1.316%
93	18.361	1398	1402	1409	rVV	1078809	3299890	38.45%	2.085%
94	18.487	1409	1413	1417	rVB2	602662	1870845	21.80%	1.182%
95	18.624	1422	1425	1429	rVB3	275251	718721	8.38%	0.454%
96	18.727	1429	1434	1436	rBV2	918423	2855719	33.28%	1.804%
97	18.773	1436	1438	1444	rVV	1206314	2915927	33.98%	1.842%
98	18.875	1444	1447	1450	rVV2	373082	1012213	11.80%	0.639%
99	18.955	1450	1454	1461	rVB2	516186	1649989	19.23%	1.042%
100	19.253	1476	1480	1487	rBV6	138595	542517	6.32%	0.343%

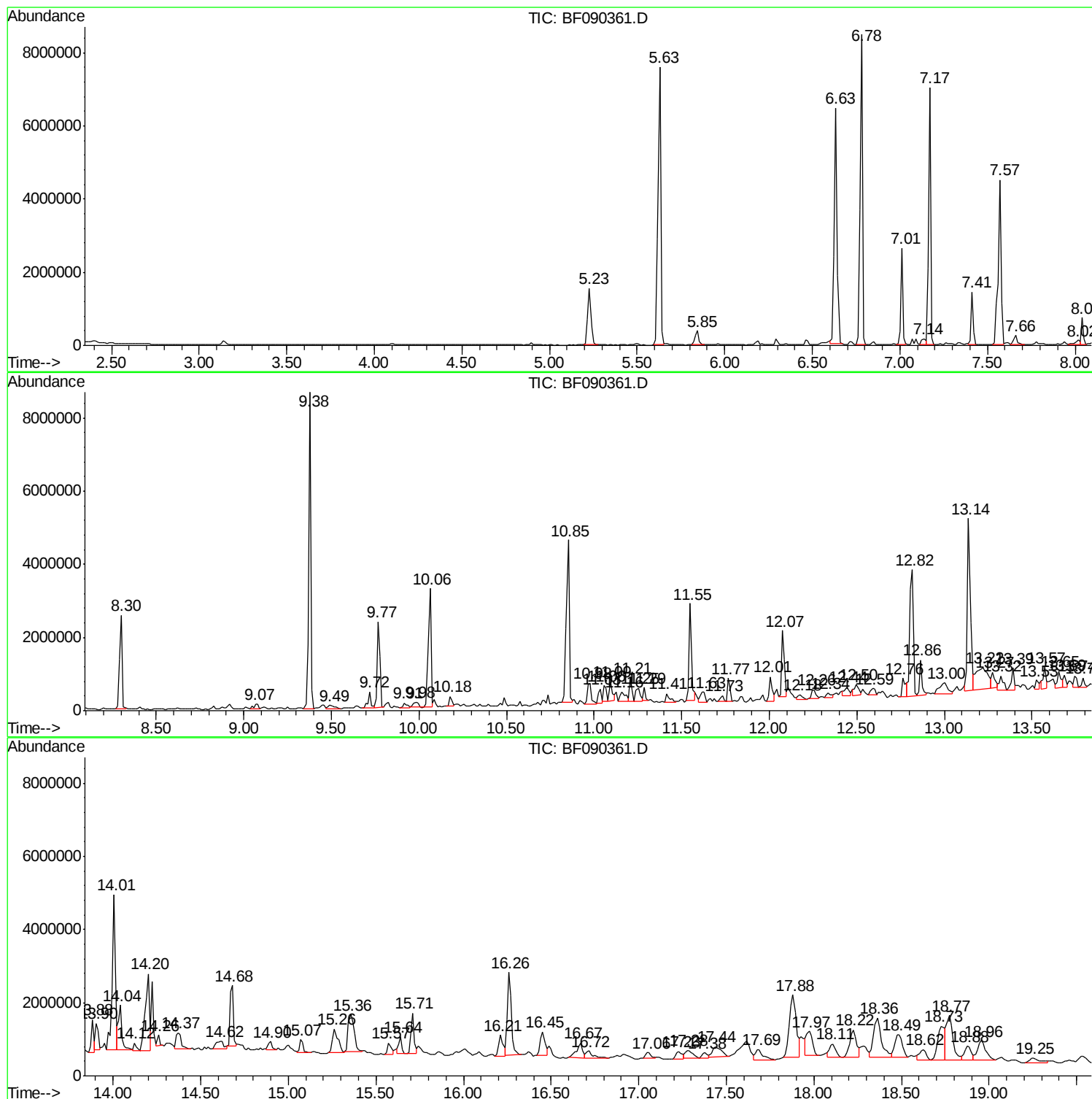
Sum of corrected areas: 158285943

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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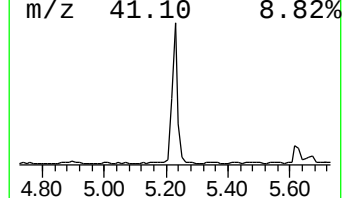
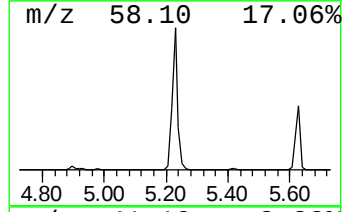
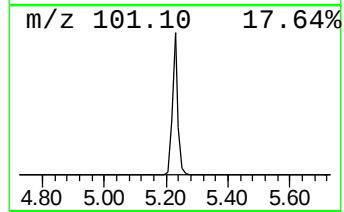
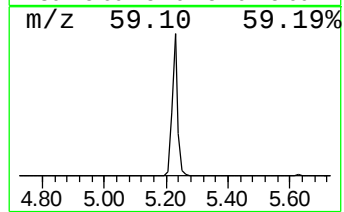
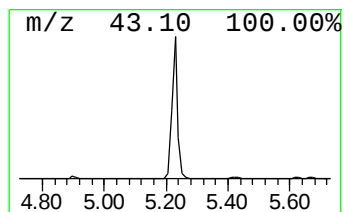
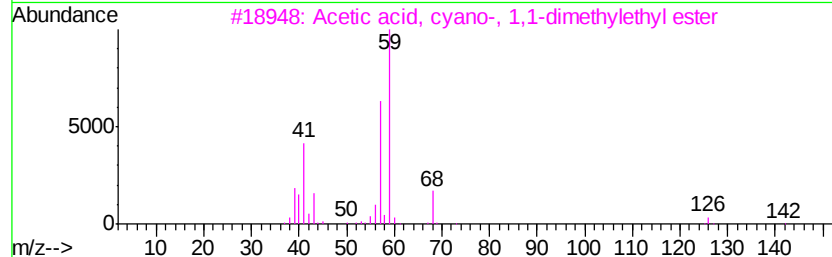
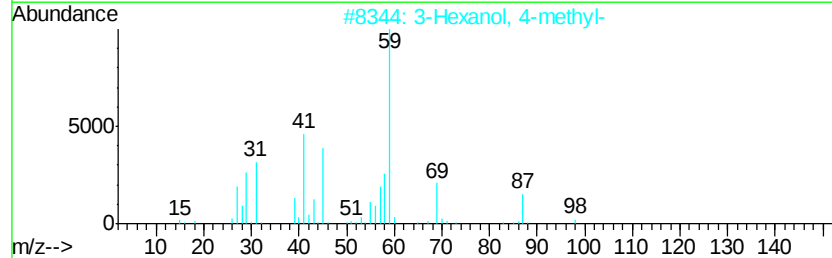
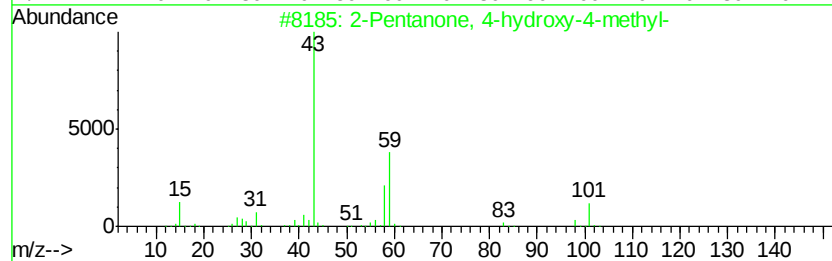
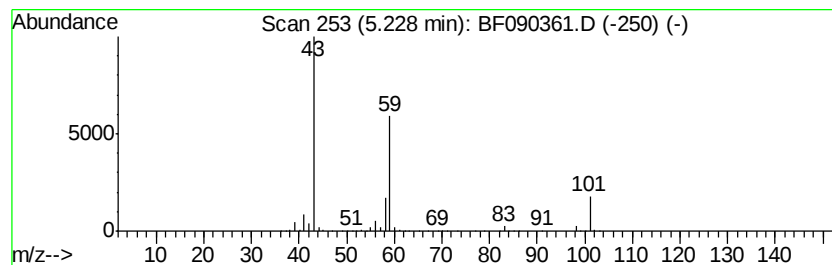
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	17.58 ng	1943730	1,4-Dichlorobenzene-d4	7.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			Acetone	58	C3H6O	000067-64-1	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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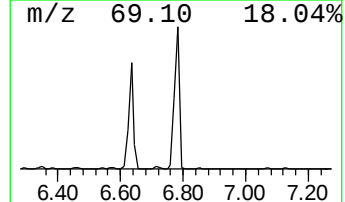
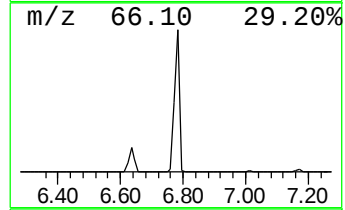
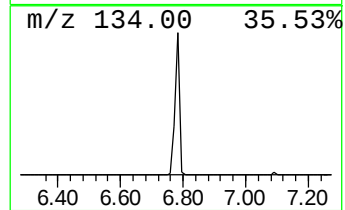
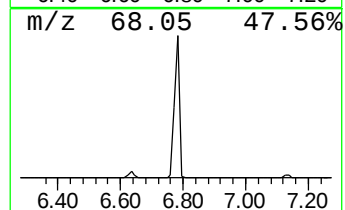
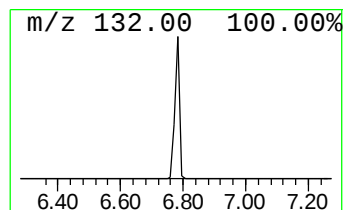
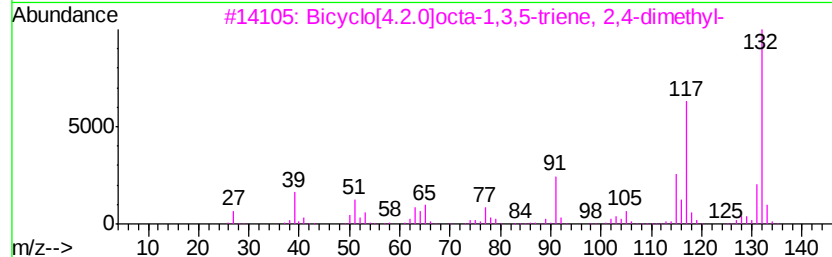
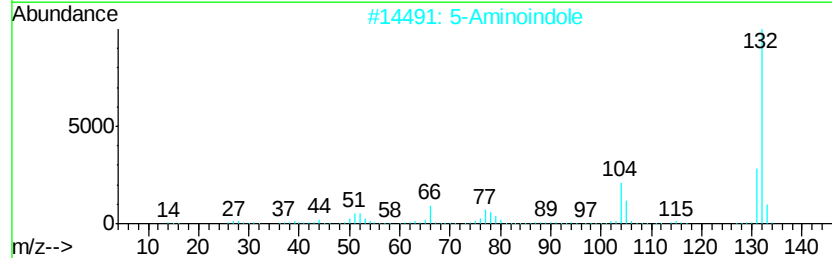
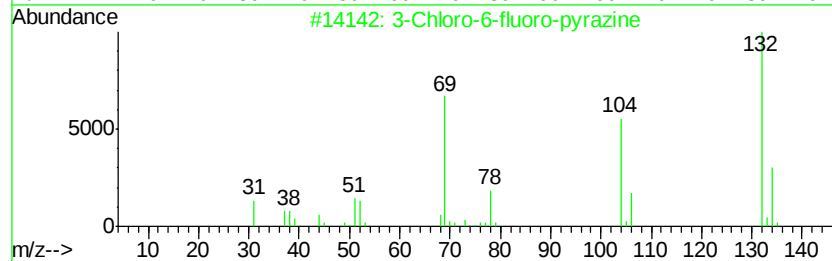
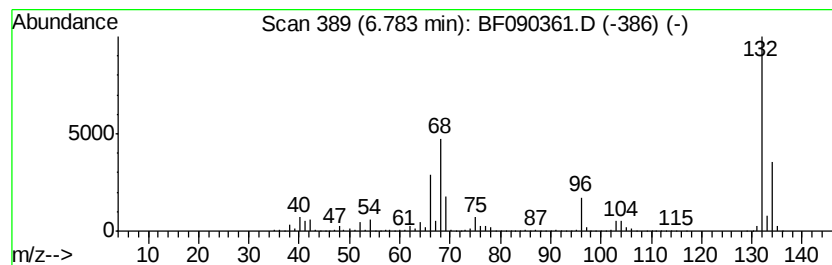
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	77.62 ng	8581610	1,4-Dichlorobenzene-d4	7.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Xenon	132	Xe	007440-63-3	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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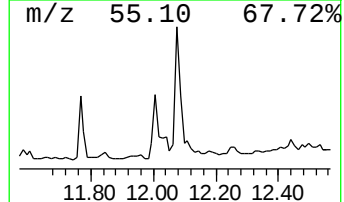
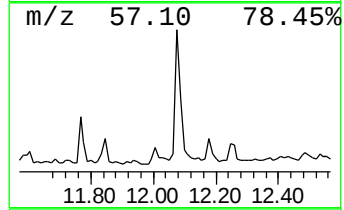
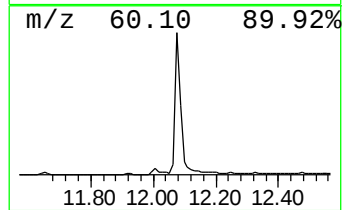
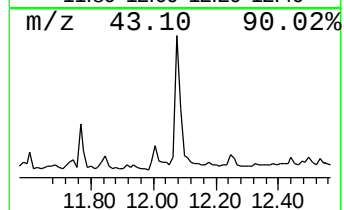
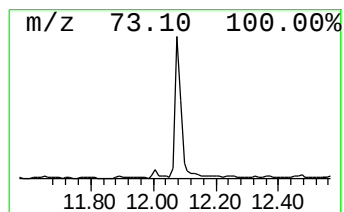
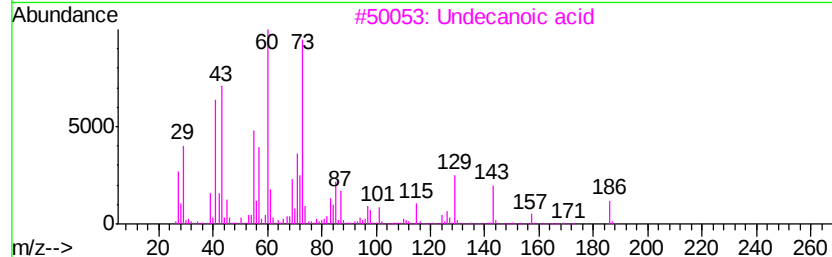
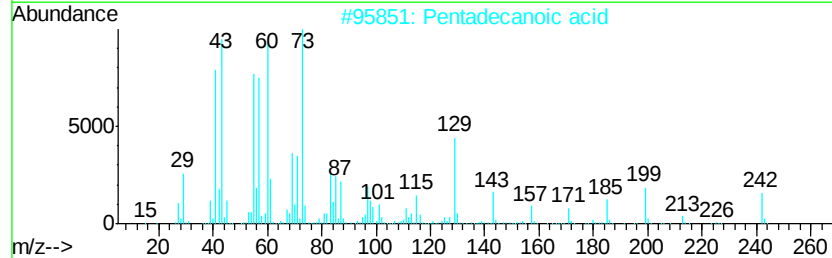
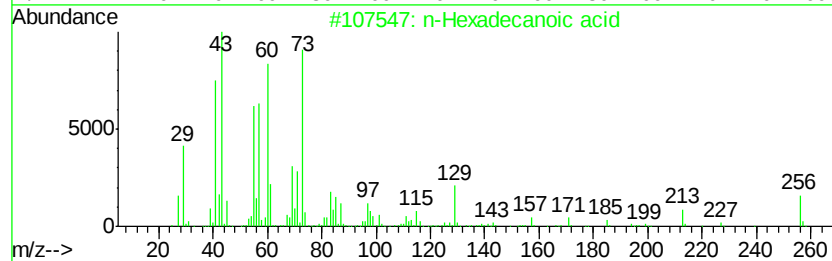
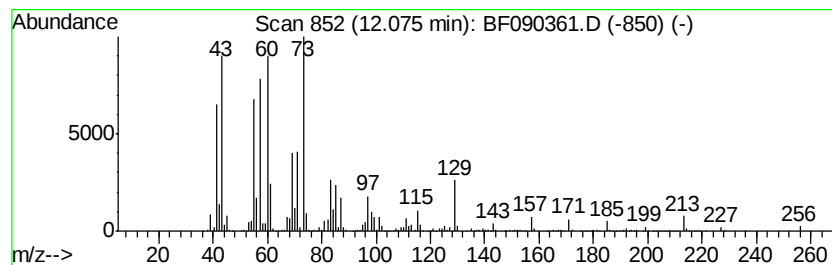
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TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	17.28 ng	2053960	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Undecanoic acid	186	C11H22O2	000112-37-8	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	86
5		Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090361.D
Acq On : 5 Oct 2016 00:07
Operator : UM/SJ
Sample : H4869-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-09

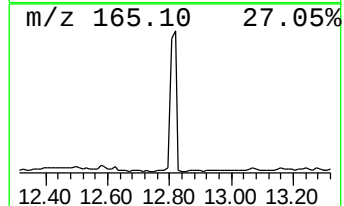
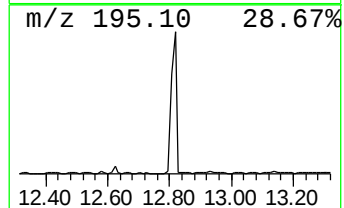
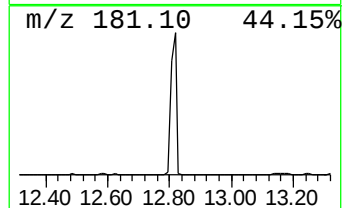
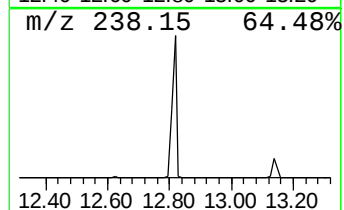
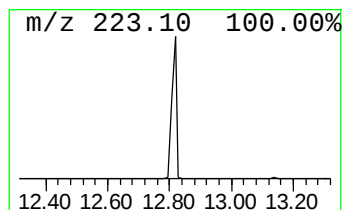
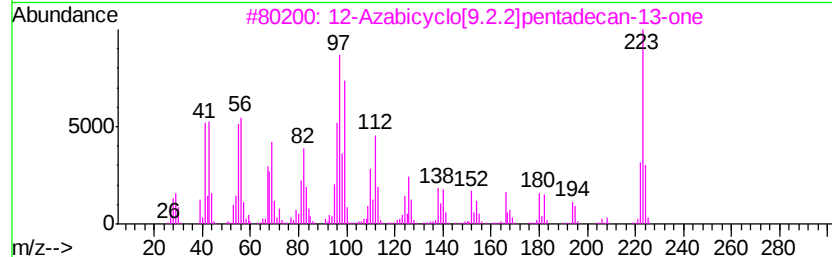
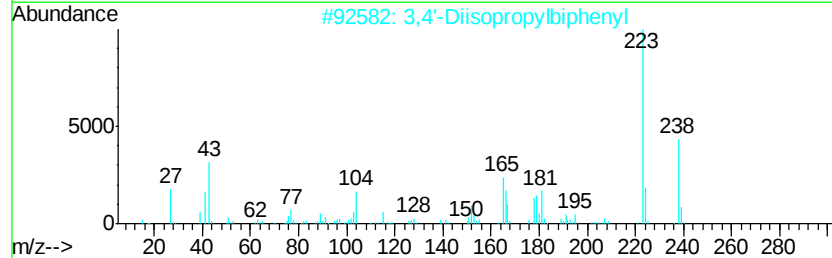
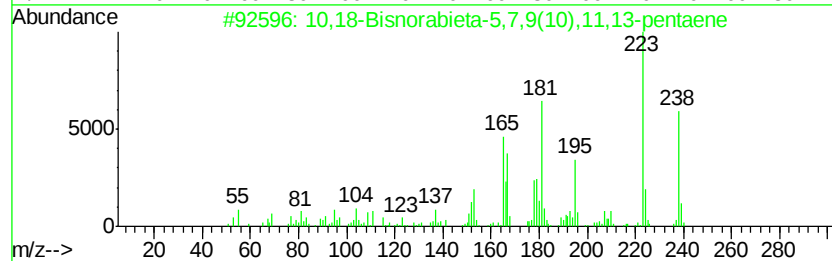
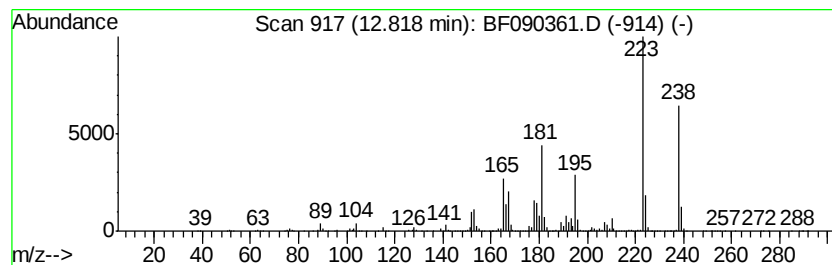
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	39.41 ng	4684330	Phenanthrene-d10	11.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	86
3		12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	74
4		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
5		Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
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Acq On : 5 Oct 2016 00:07
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Misc :
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ClientSampleId :
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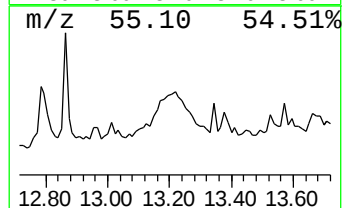
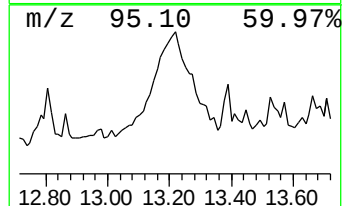
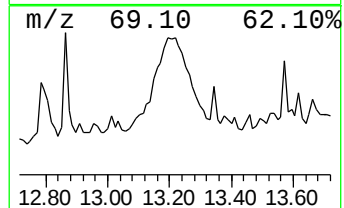
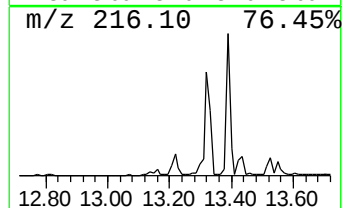
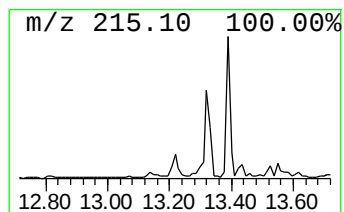
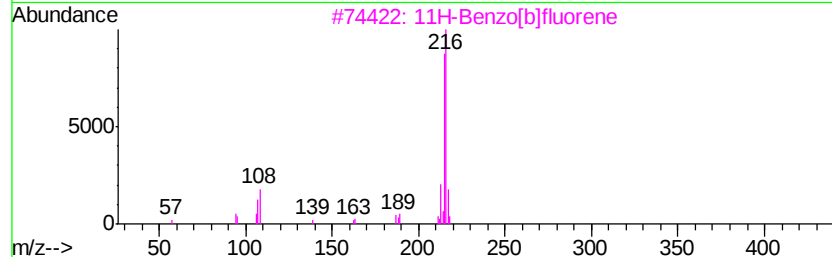
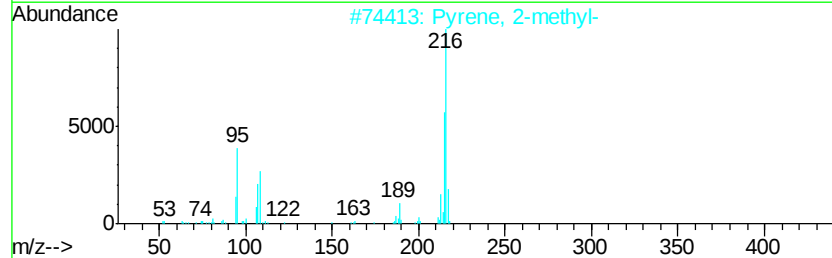
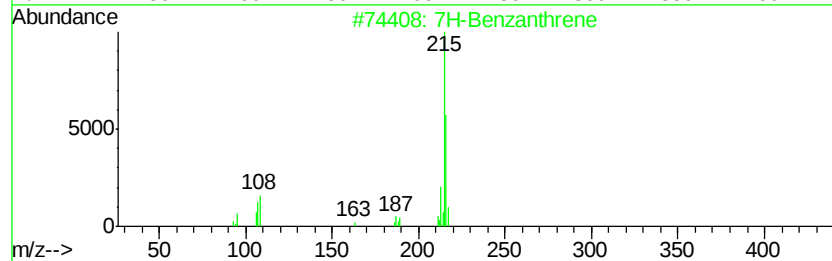
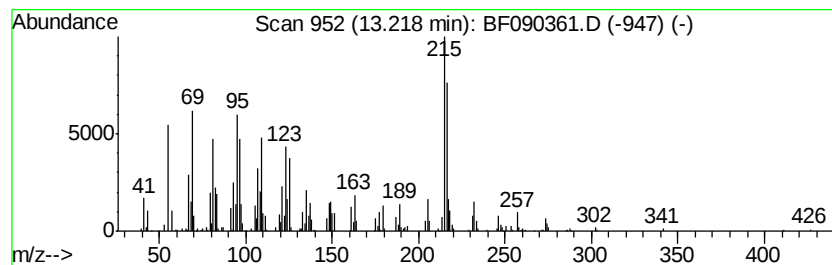
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown13.22 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	15.38 ng	2802930	Chrysene-d12	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7H-Benzanthrene	216	C17H12	000199-94-0	38
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	30
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	27
4		6,6'-Dimethoxy-2,2'-bipyridile	216	C12H12N2O2	039858-88-3	27
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090361.D
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Operator : UM/SJ
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Misc :
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Instrument :
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ClientSampleId :
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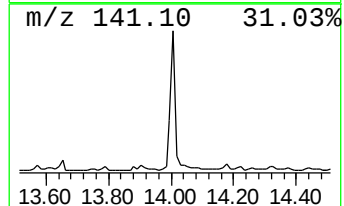
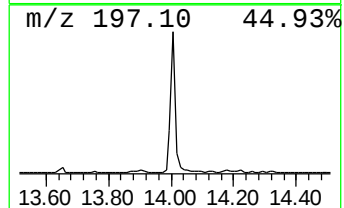
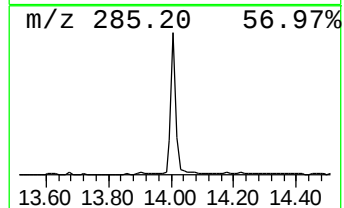
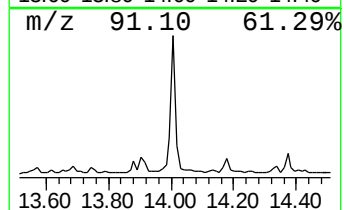
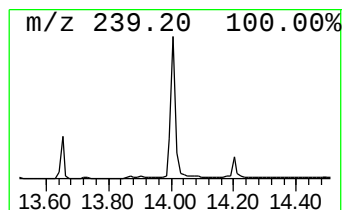
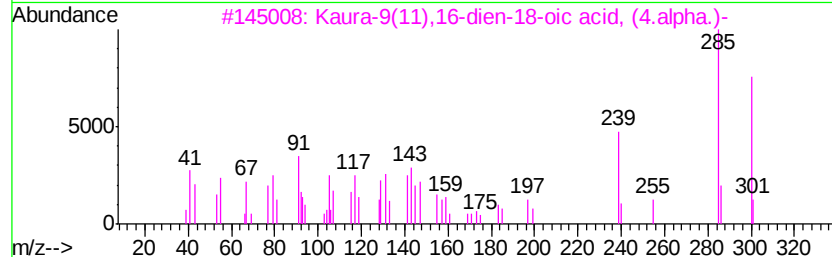
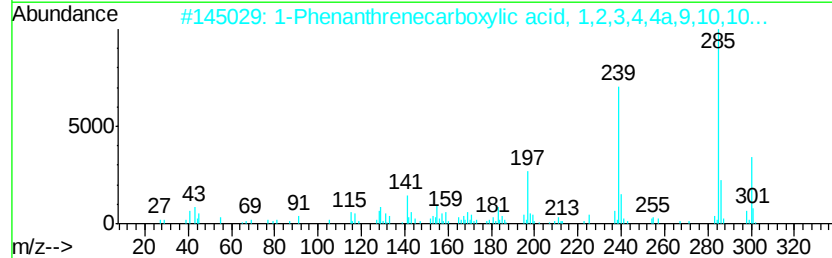
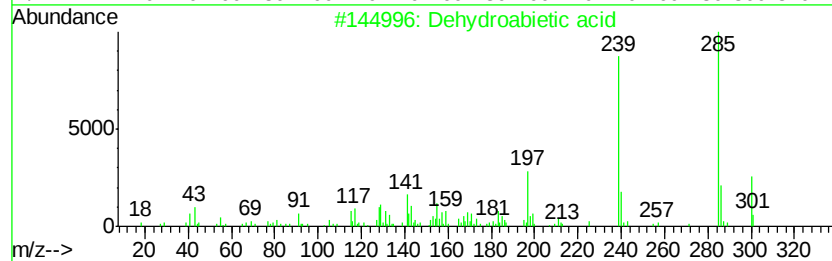
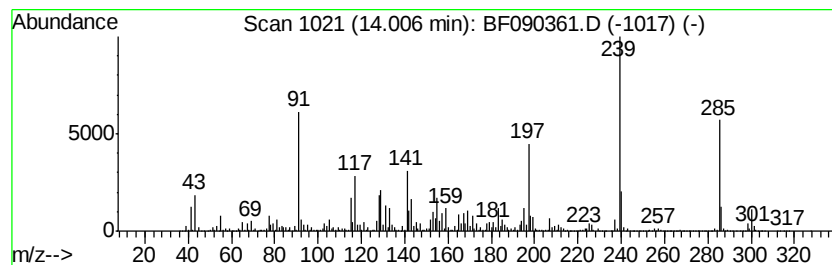
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dehydroabietic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	27.56 ng	5023790	Chrysene-d12	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dehydroabietic acid	300	C20H28O2	001740-19-8	95
2		1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	83
3		Kaura-9(11),16-dien-18-oic acid,...	300	C20H28O2	022338-67-6	64
4		Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3N03	000391-02-6	46
5		3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3N03	023851-84-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090361.D
Acq On : 5 Oct 2016 00:07
Operator : UM/SJ
Sample : H4869-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

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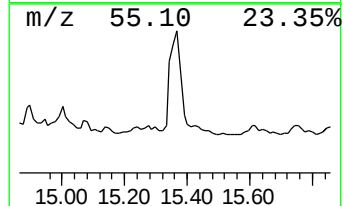
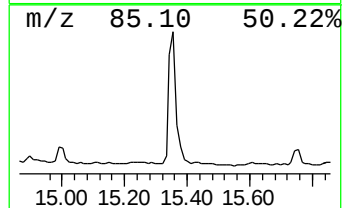
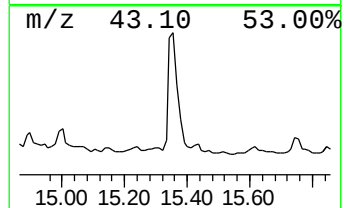
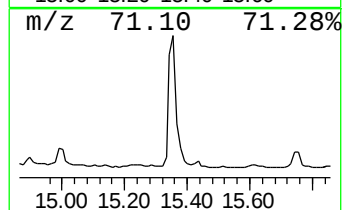
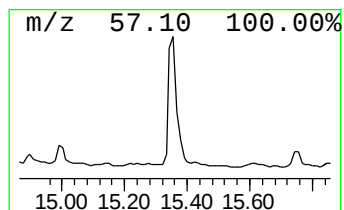
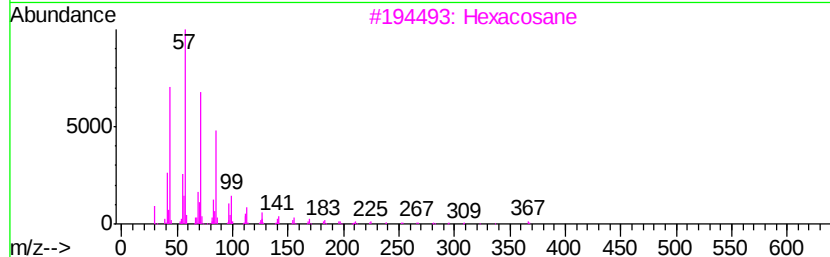
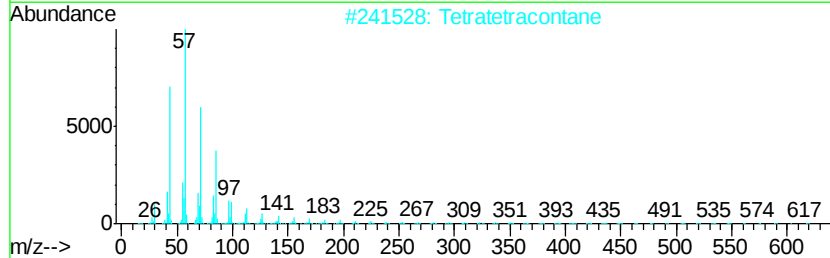
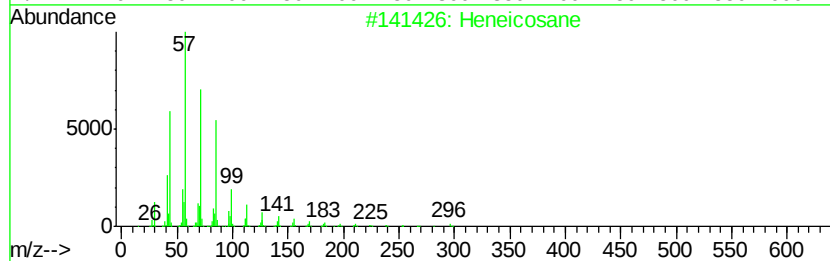
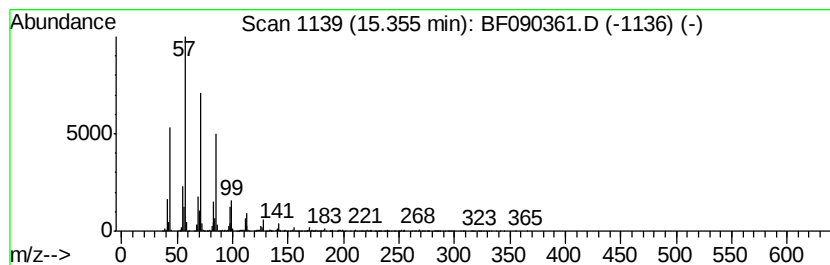
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	33.45 ng	2373760	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090361.D
Acq On : 5 Oct 2016 00:07
Operator : UM/SJ
Sample : H4869-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

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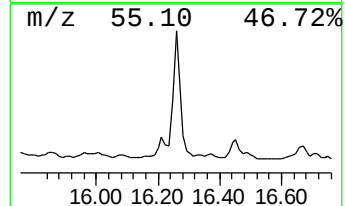
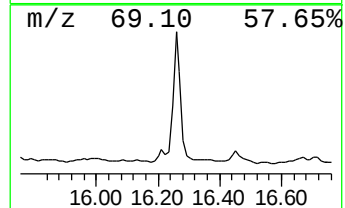
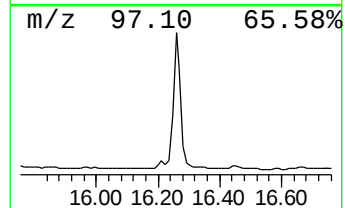
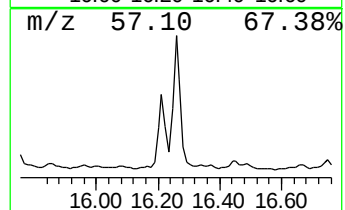
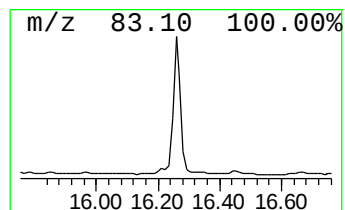
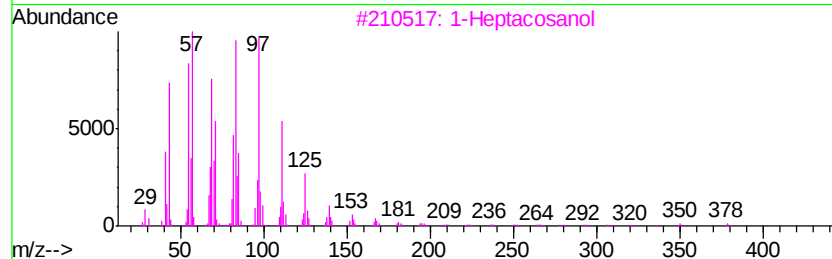
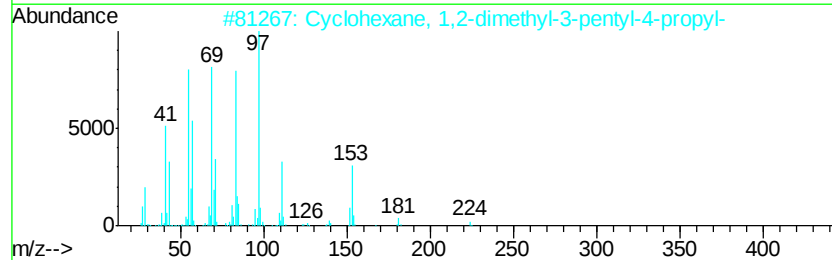
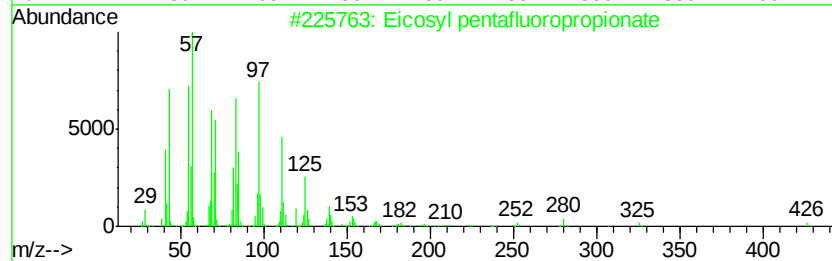
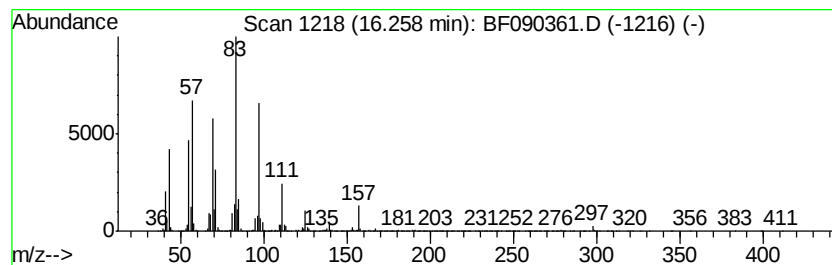
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown16.26 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	52.94 ng	3757230	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	43
2		Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	43
3		1-Heptacosanol	396	C27H56O	002004-39-9	38
4		1H-1,2,4-Triazole, 3-(2-methylpr...	125	C6H11N3	040515-29-5	38
5		1-Hentetracontanol	593	C41H84O	040710-42-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
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Sample : H4869-05
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ALS Vial : 16 Sample Multiplier: 1

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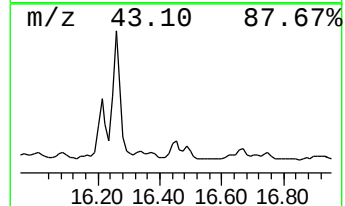
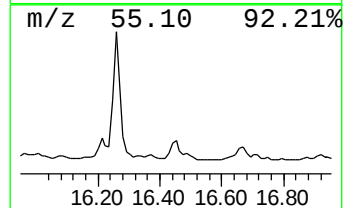
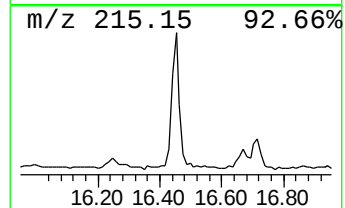
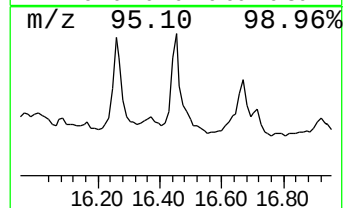
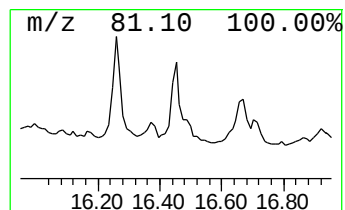
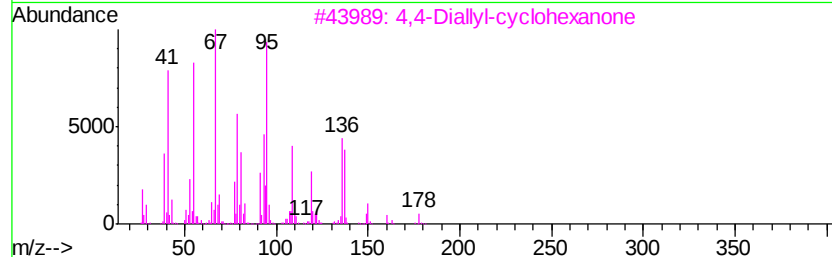
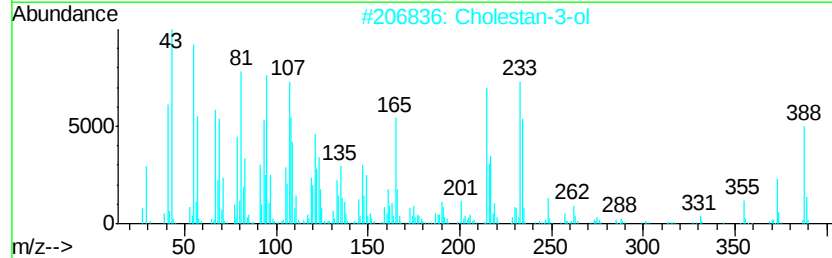
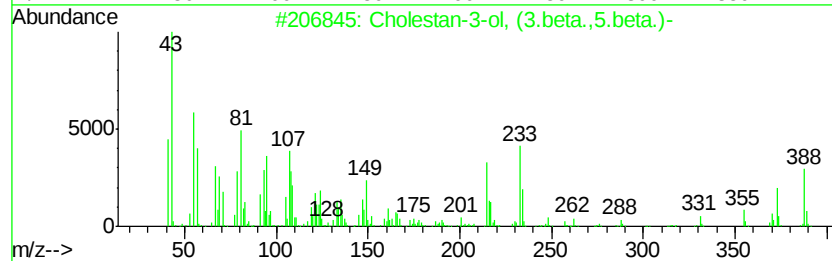
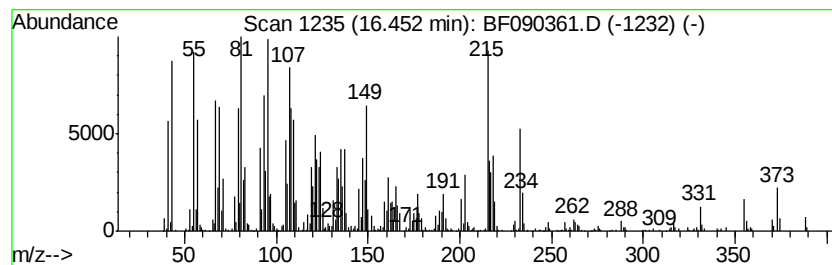
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cholestan-3-ol, (3.beta.,5.... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	16.74 ng	1187780	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	83
2		Cholestan-3-ol	388	C27H48O	027409-41-2	60
3		4,4-Diallyl-cyclohexanone	178	C12H18O	1000186-50-2	53
4		Cholestanol	388	C27H48O	000080-97-7	52
5		Sesquirosefuran	218	C15H22O	039007-93-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
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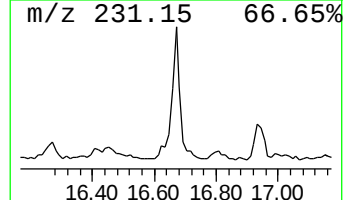
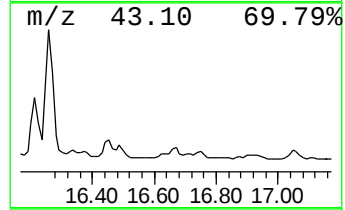
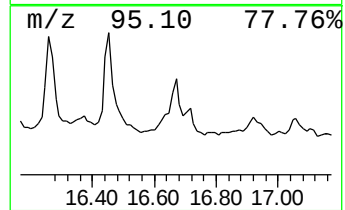
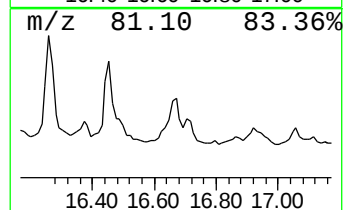
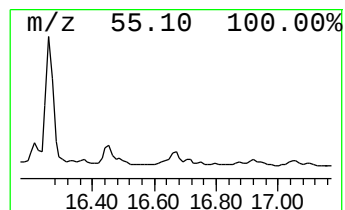
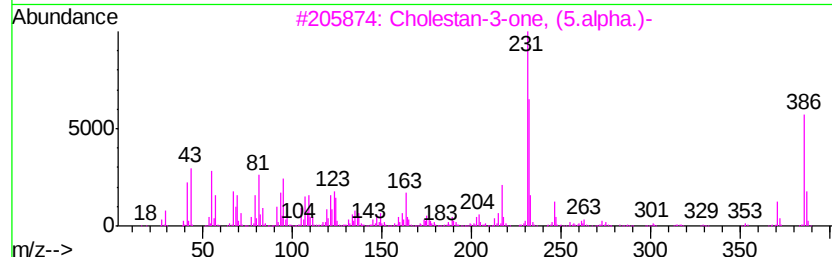
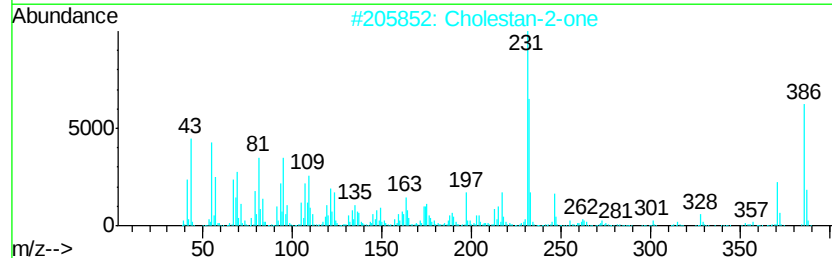
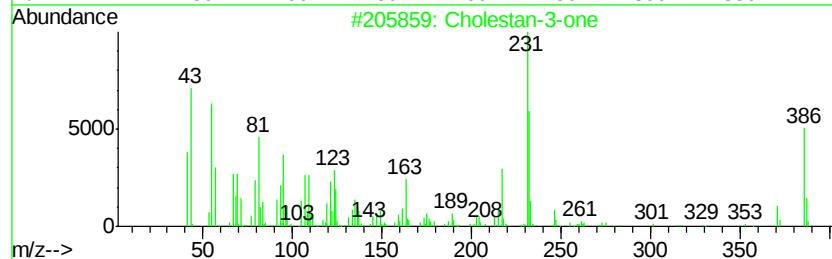
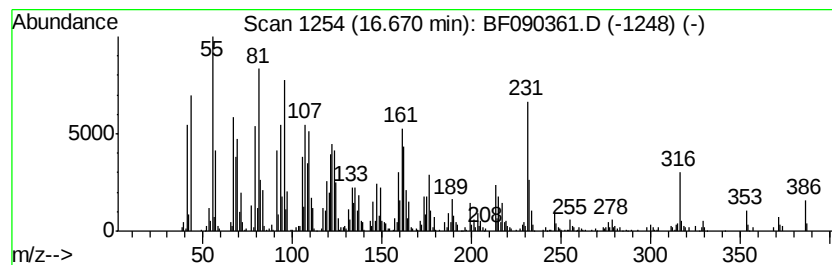
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cholestan-3-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	14.44 ng	1024810	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholestan-3-one	386	C27H46O	015600-08-5	91
2		Cholestan-2-one	386	C27H46O	1000210-43-4	87
3		Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	70
4		Caryophyllene oxide	220	C15H24O	001139-30-6	38
5		Cholestane-3,5-diol, (3.beta.,5....	404	C27H48O2	003347-60-2	38



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Acq On : 5 Oct 2016 00:07
Operator : UM/SJ
Sample : H4869-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

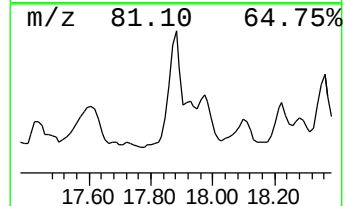
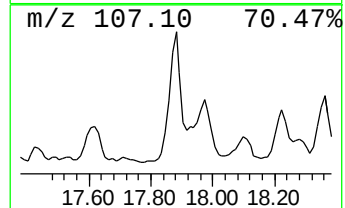
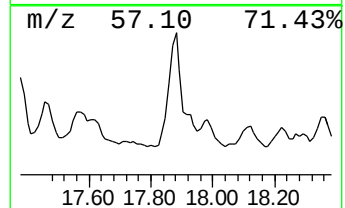
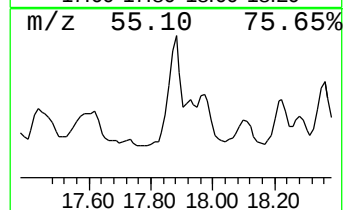
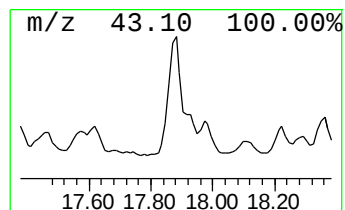
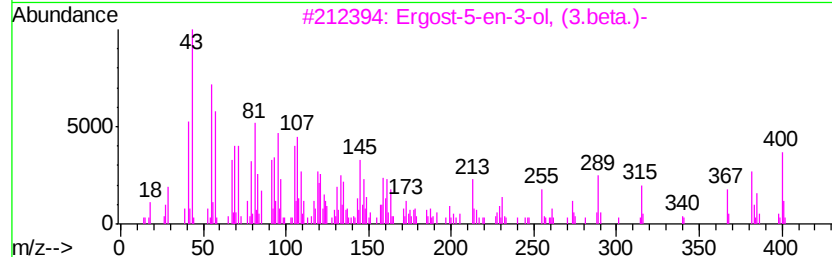
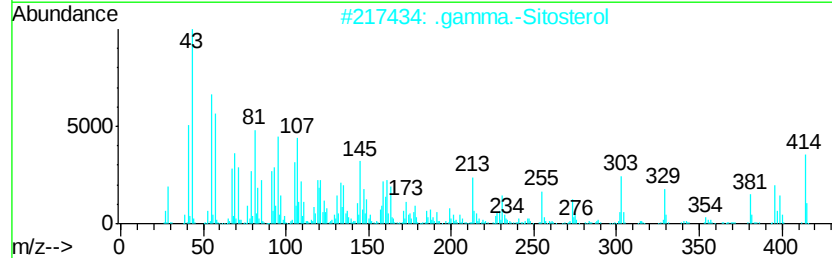
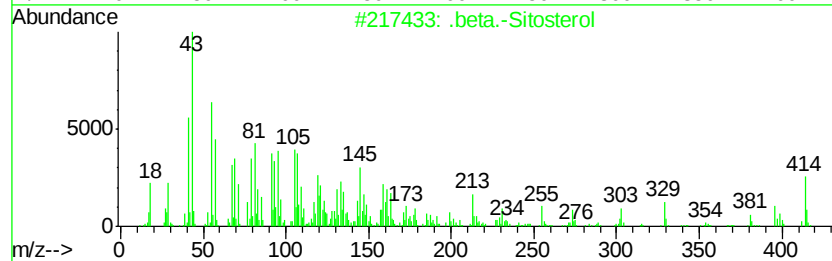
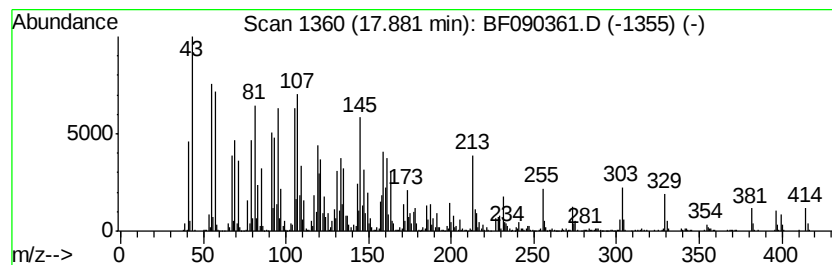
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 .beta.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.88	64.55 ng	4581460	Perylene-d12	15.71		
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	95
3		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	81
4		Campesterol	400	C28H48O	000474-62-4	58
5		Isocholesteryl methyl ether	400	C28H48O	029944-53-4	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
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Sample : H4869-05
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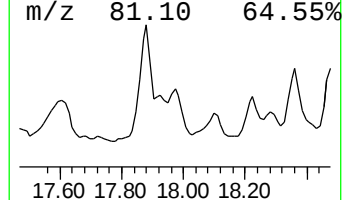
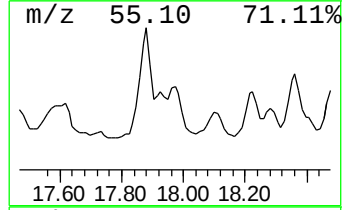
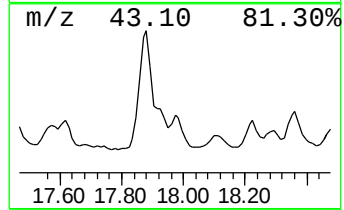
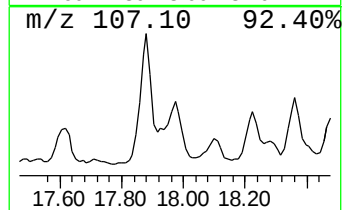
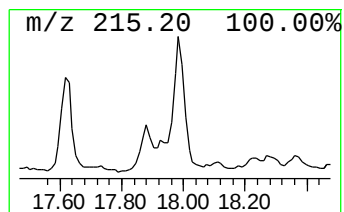
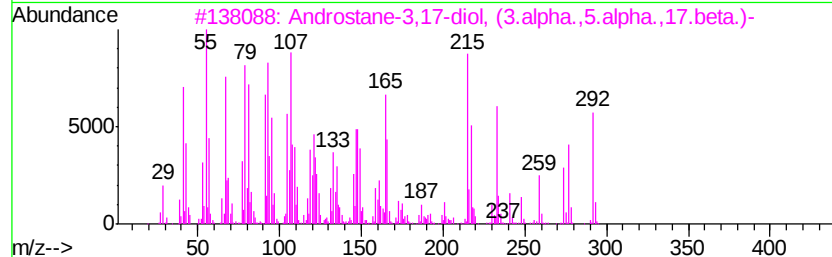
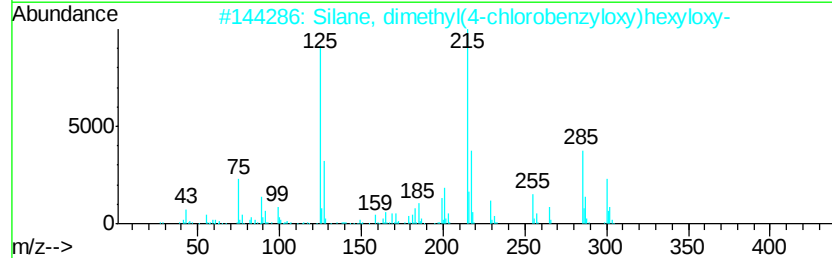
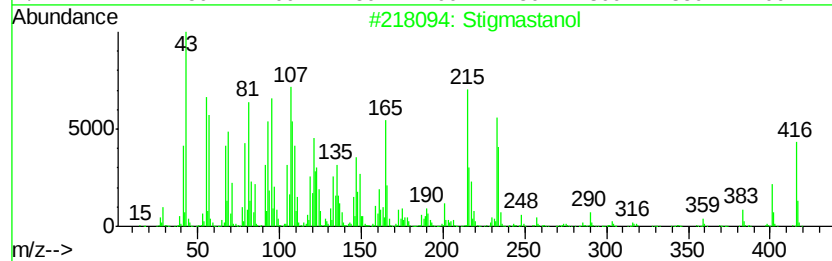
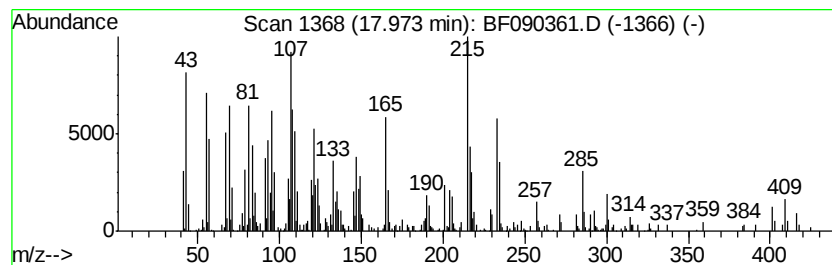
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Stigmasterol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	21.31 ng	1512680	Perylene-d12	15.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Stigmasterol	416	C29H52O	019466-47-8 83
2	Silane, dimethyl(4-chlorobenzylo...	300	C15H25ClO2Si	1000346-99-8 35
3	Androstane-3,17-diol, (3.alpha.,...	292	C19H32O2	001852-53-5 27
4	Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	062337-99-9 25
5	Imidazole-4-carboxamide, N-(3-to...	216	C11H12N4O	1000260-23-1 22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090361.D
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Operator : UM/SJ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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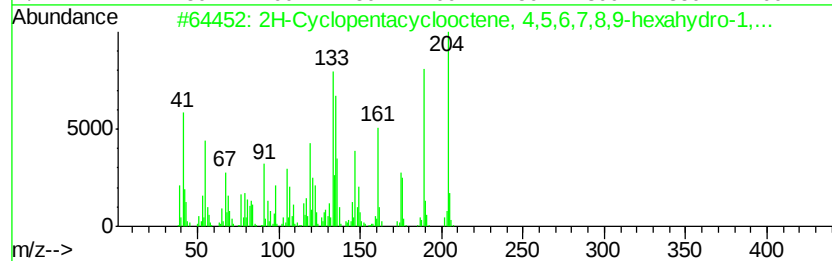
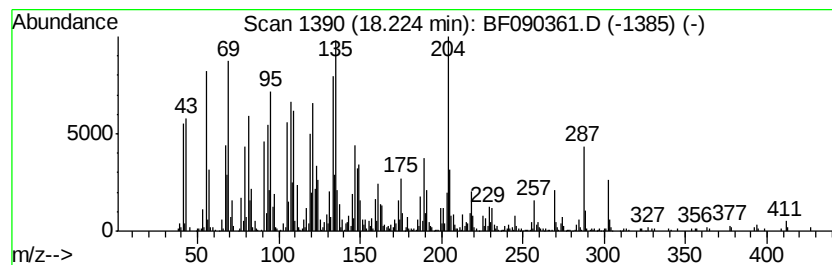
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 2H-Cyclopentacyclooctene, 4... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	29.35 ng	2083250	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	83
2		Aromandendrene	204	C15H24	000489-39-4	70
3		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	62
4		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	60
5		cis-Thujopsene	204	C15H24	000470-40-6	49



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Operator : UM/SJ
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Instrument :
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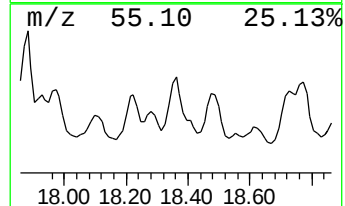
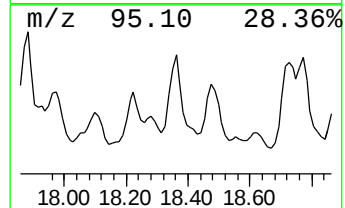
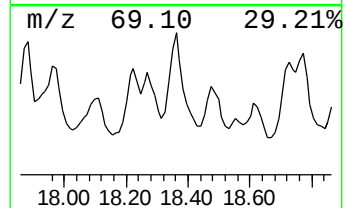
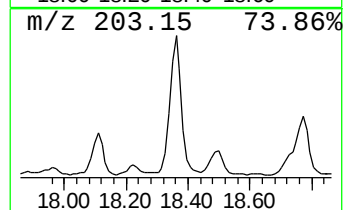
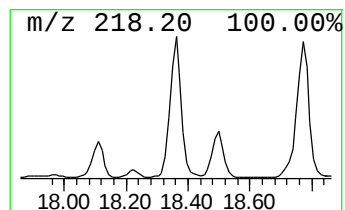
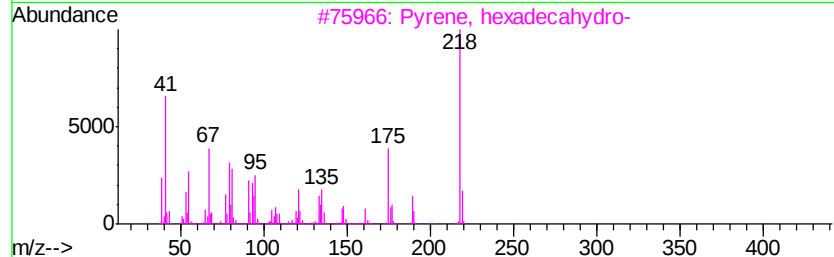
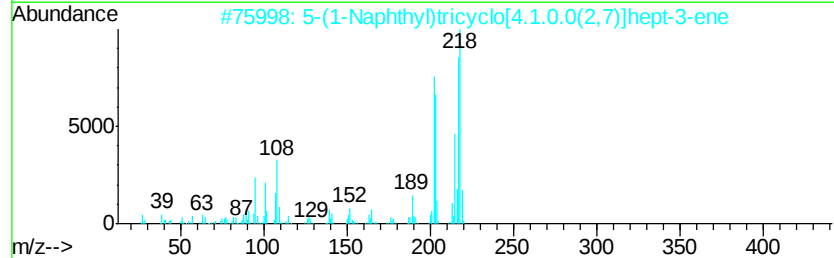
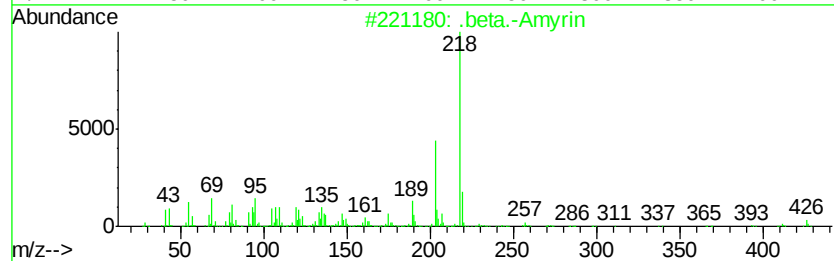
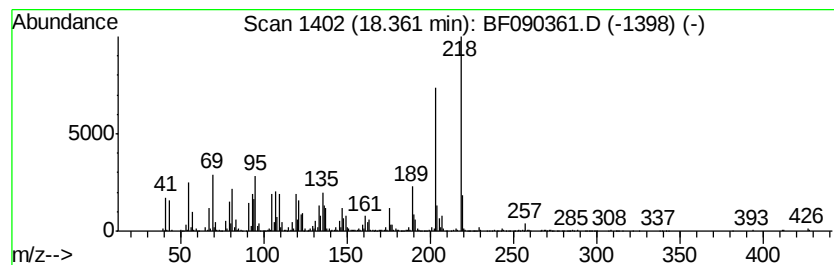
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 .beta.-Amyrin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	46.49 ng	3299890	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Amyrin	426	C30H50O	000559-70-6	87
2		5-(1-Naphthyl)tricyclo[4.1.0.0(2...	218	C17H14	107729-05-5	72
3		Pyrene, hexadecahydro-	218	C16H26	002435-85-0	64
4		2,9-Dimethyl-2,3,4,5,6,7-hexahyd...	203	C14H21N	077581-11-4	59
5		2H-Cyclopropa[a]naphthalen-2-one...	218	C15H22O	006831-17-0	55



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Sample : H4869-05
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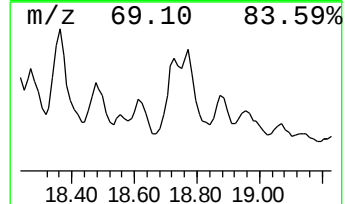
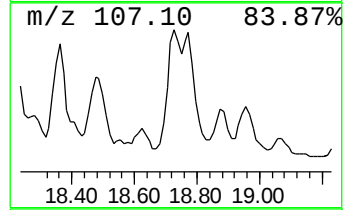
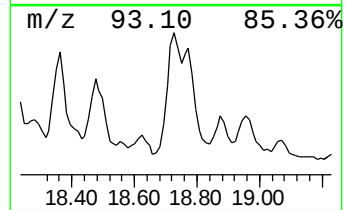
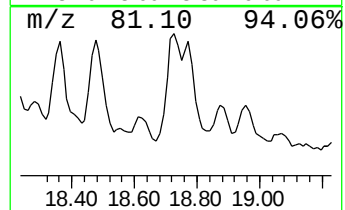
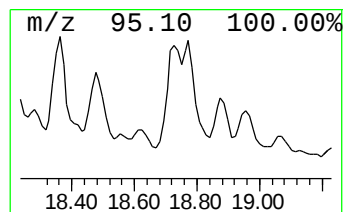
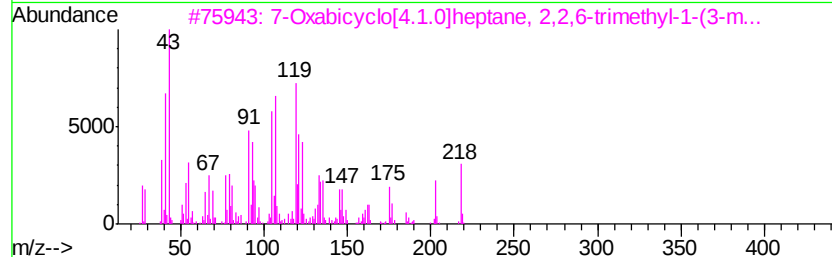
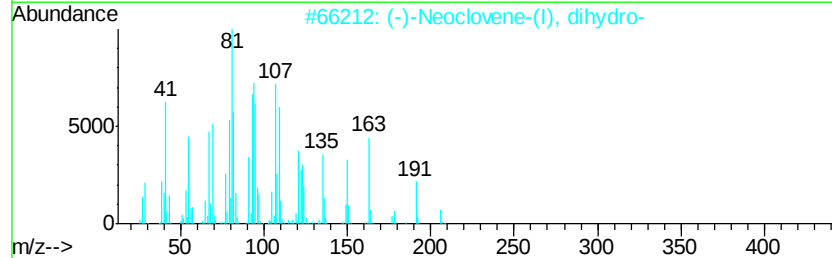
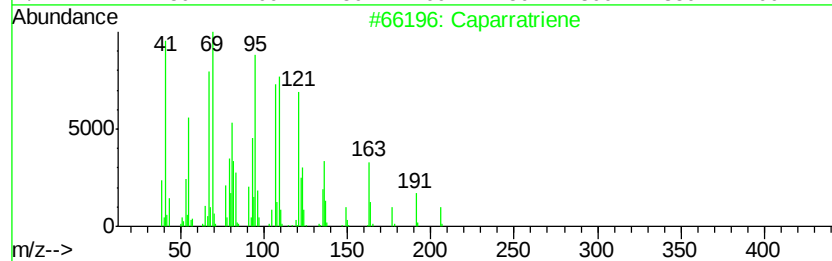
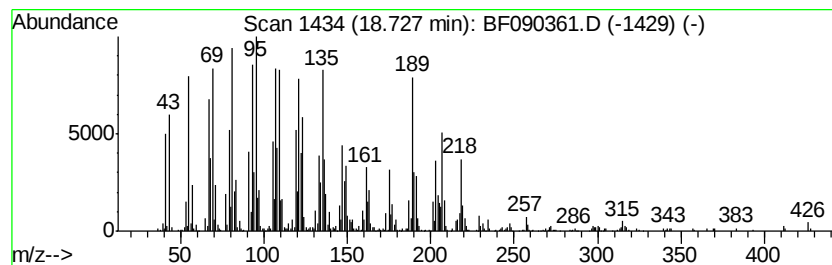
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Caparratriene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	40.24 ng	2855720	Perylene-d12	15.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Caparratriene	206 C15H26	1000374-08-7	70
2	(-)-Neoclovene-(I), dihydro-	206 C15H26	1000152-82-1	53
3	7-Oxabicyclo[4.1.0]heptane, 2,2,...	218 C15H22O	070038-20-9	47
4	.gamma.-Elemene	204 C15H24	029873-99-2	46
5	(-)-Isolongifolol, methyl ether	236 C16H28O	1000333-80-8	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
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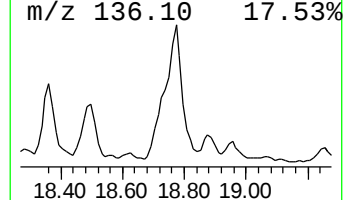
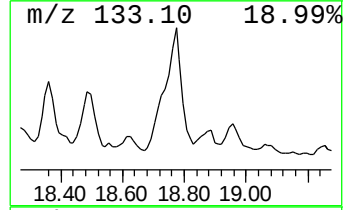
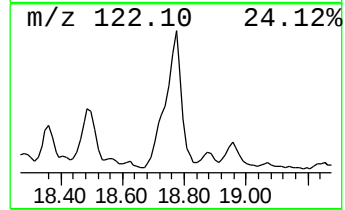
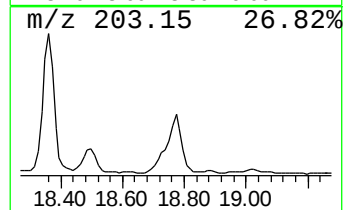
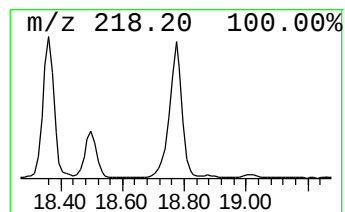
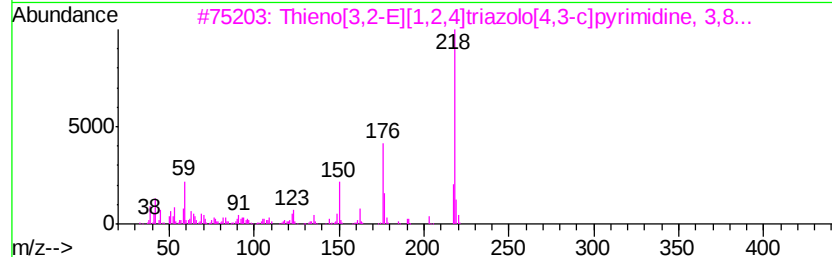
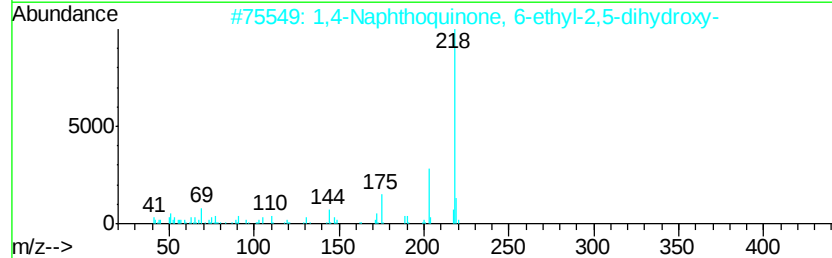
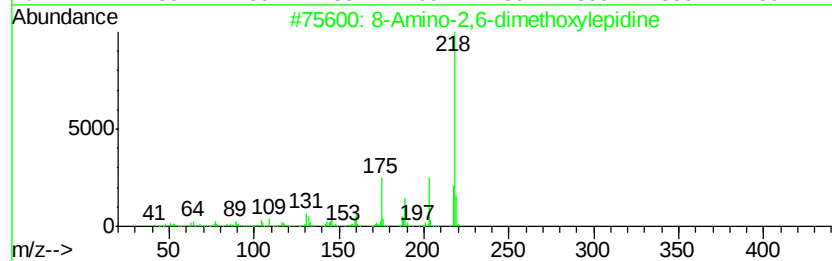
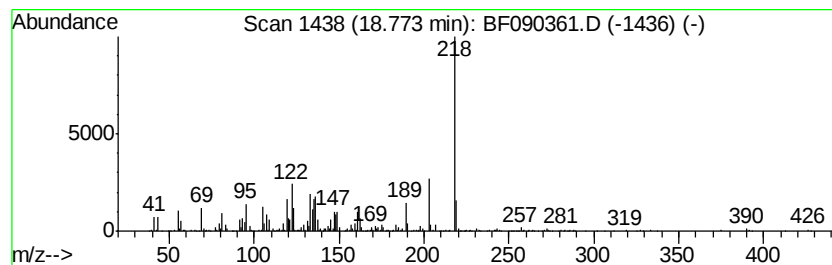
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown18.77 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	41.08 ng	2915930	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Amino-2,6-dimethoxylepidine	218	C12H14N2O2	074509-65-2	49
2		1,4-Naphthoquinone, 6-ethyl-2,5-...	218	C12H10O4	013378-87-5	47
3		Thieno[3,2-E][1,2,4]triazolo[4,3...	218	C10H10N4S	1000303-08-8	47
4		4-Piperonyl-5-pyrazolone	218	C11H10N2O3	014731-80-7	47
5		Pyrrolo[2,3-b]indole, 1,2,3,3a,8...	218	C13H18N2O	046479-70-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
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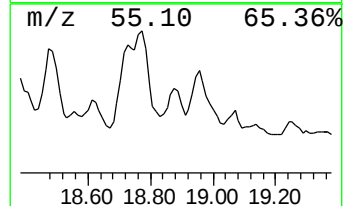
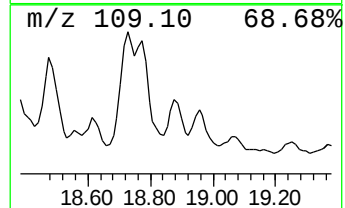
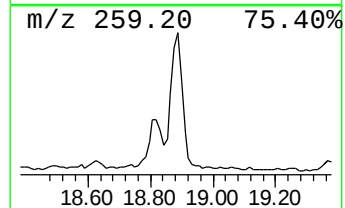
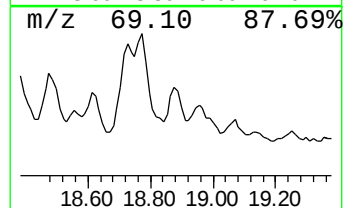
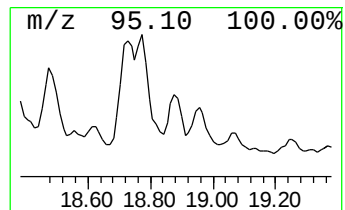
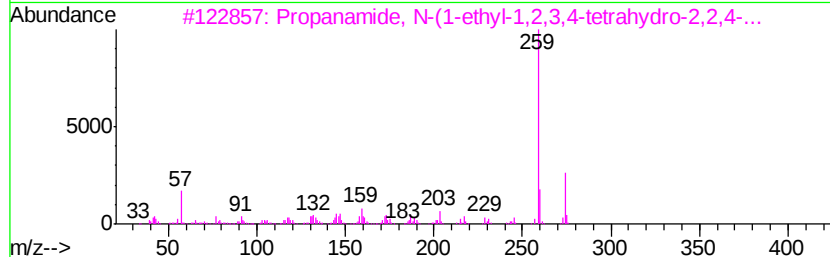
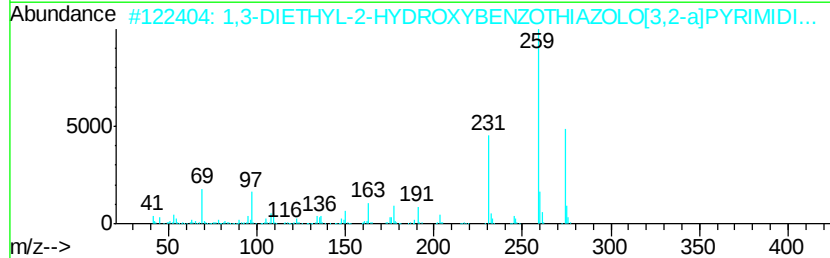
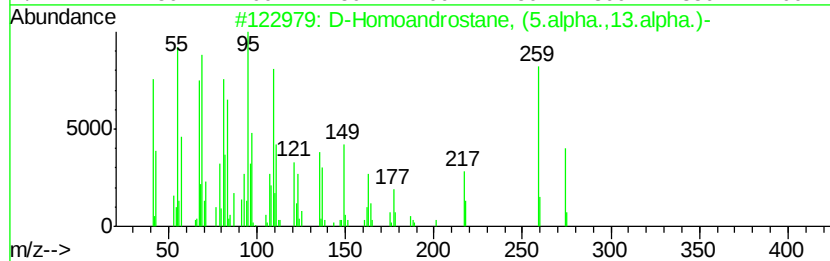
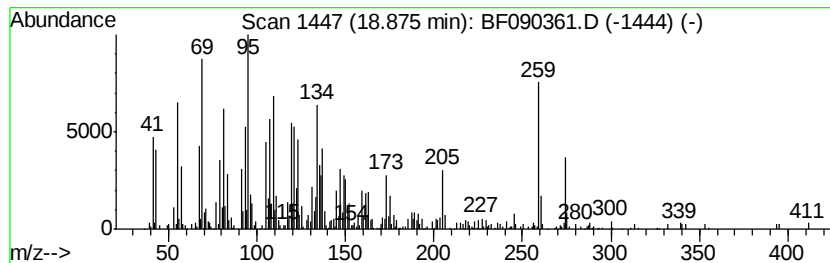
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 D-Homoandrostande, (5.alpha.... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	14.26 ng	1012210	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Homoandrostande, (5.alpha.,13.a...	274	C20H34	054482-31-4	86
2		1,3-DIETHYL-2-HYDROXYBENZOTHAZO...	274	C14H14N2O2S	1000227-15-3	25
3		Propanamide, N-(1-ethyl-1,2,3,4-...	274	C17H26N2O	063134-09-8	25
4		Bi-1-cyclohexen-1-yl, 3,3,3',3',...	274	C20H34	076993-52-7	22
5		(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090361.D
Acq On : 5 Oct 2016 00:07
Operator : UM/SJ
Sample : H4869-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-09

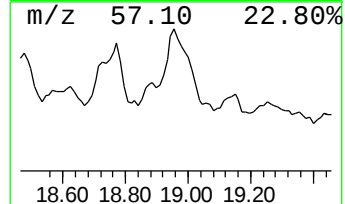
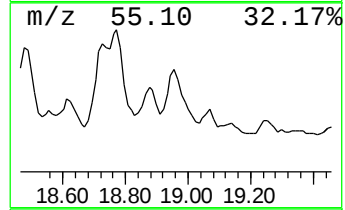
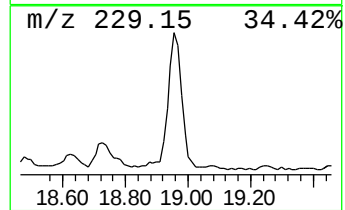
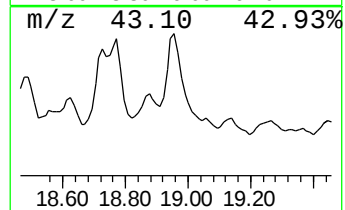
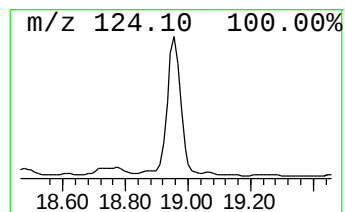
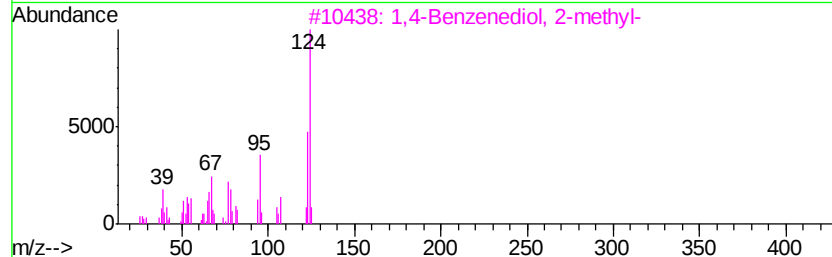
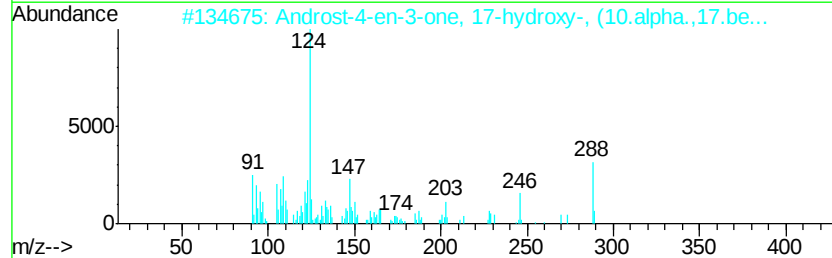
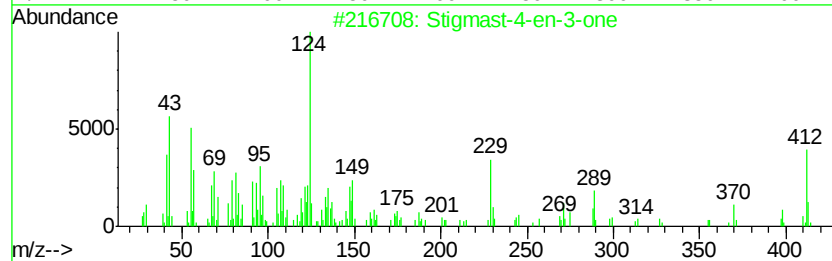
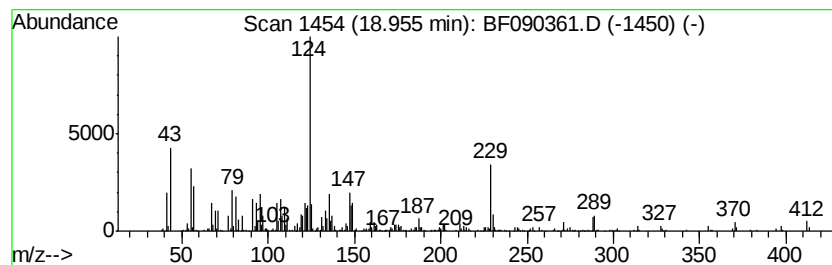
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	23.25 ng	1649990	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	86
2		Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	58
3		1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	49
4		Orcinol	124	C7H8O2	000504-15-4	49
5		Pyrazine, 2-methoxy-3-(2-methylp...	166	C9H14N2O	024683-00-9	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090361.D
 Acq On : 5 Oct 2016 00:07
 Operator : UM/SJ
 Sample : H4869-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.23	17.6	ng	1943730	1	7.01	2211160	20.0
unknown6.78	6.78	77.6	ng	8581610	1	7.01	2211160	20.0
n-Hexadecanoic acid	12.07	17.3	ng	2053960	4	11.55	2376970	20.0
10,18-Bisnorabiet...	12.82	39.4	ng	4684330	4	11.55	2376970	20.0
unknown13.22	13.22	15.4	ng	2802930	5	14.20	3645390	20.0
Dehydroabietic acid	14.01	27.6	ng	5023790	5	14.20	3645390	20.0
Heneicosane	15.36	33.5	ng	2373760	6	15.71	1419490	20.0
unknown16.26	16.26	52.9	ng	3757230	6	15.71	1419490	20.0
Cholestan-3-ol, (...)	16.45	16.7	ng	1187780	6	15.71	1419490	20.0
Cholestan-3-one	16.67	14.4	ng	1024810	6	15.71	1419490	20.0
.beta.-Sitosterol	17.88	64.5	ng	4581460	6	15.71	1419490	20.0
Stigmastanol	17.97	21.3	ng	1512680	6	15.71	1419490	20.0
2H-Cyclopentacycl...	18.22	29.4	ng	2083250	6	15.71	1419490	20.0
.beta.-Amyrin	18.36	46.5	ng	3299890	6	15.71	1419490	20.0
4,4,6a,6b,8a,11,1...	18.49	26.4	ng	1870850	6	15.71	1419490	20.0
Caparratriene	18.73	40.2	ng	2855720	6	15.71	1419490	20.0
unknown18.77	18.77	41.1	ng	2915930	6	15.71	1419490	20.0
D-Homoandrostane,...	18.88	14.3	ng	1012210	6	15.71	1419490	20.0
Stigmast-4-en-3-one	18.96	23.3	ng	1649990	6	15.71	1419490	20.0