

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090358.D
 Acq On : 4 Oct 2016 22:45
 Operator : UM/SJ
 Sample : H4869-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-02

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	5.217	249	252	255	rBV	1428169	1681168	21.91%	1.074%
2	5.617	284	287	289	rBV	5754281	6468774	84.30%	4.133%
3	5.834	304	306	311	rVB2	357945	521560	6.80%	0.333%
4	6.292	344	346	349	rBV	345175	352413	4.59%	0.225%
5	6.463	358	361	363	rBV2	157725	206289	2.69%	0.132%
6	6.589	366	372	373	rVV3	82562	208542	2.72%	0.133%
7	6.635	373	376	378	rVV	6625362	7185494	93.64%	4.591%
8	6.783	386	389	391	rVV	6102473	7228841	94.20%	4.619%
9	7.012	406	409	411	rBV	1707731	1441056	18.78%	0.921%
10	7.092	412	416	418	rBV2	120655	185621	2.42%	0.119%
11	7.126	418	419	421	rBV2	121684	206035	2.68%	0.132%
12	7.172	421	423	425	rVB	6056258	5578703	72.70%	3.564%
13	7.412	442	444	446	rVB	1335556	1073016	13.98%	0.686%
14	7.572	454	458	460	rBV2	4605583	5081791	66.22%	3.247%
15	7.652	463	465	469	rVB2	161512	215955	2.81%	0.138%
16	8.292	519	521	524	rBV	1225387	1650787	21.51%	1.055%
17	8.920	574	576	579	rVB3	132844	216981	2.83%	0.139%
18	9.069	586	589	591	rVB2	140749	261991	3.41%	0.167%
19	9.378	613	616	618	rBV	7525308	6658936	86.78%	4.255%
20	9.503	624	627	631	rVB2	93873	186362	2.43%	0.119%
21	9.721	642	646	648	rBV2	284300	365994	4.77%	0.234%
22	9.766	648	650	652	rVV	2748027	2342884	30.53%	1.497%
23	10.052	673	675	677	rBV	1432788	1839820	23.98%	1.176%
24	10.178	684	686	688	rBV2	214212	245754	3.20%	0.157%
25	10.852	742	745	746	rVV	3652377	4470746	58.26%	2.856%
26	10.978	753	756	759	rBV2	426853	663845	8.65%	0.424%
27	11.024	759	760	762	rBV	373752	454815	5.93%	0.291%
28	11.058	762	763	765	rVV2	430376	477899	6.23%	0.305%
29	11.092	765	766	767	rVV	575919	456709	5.95%	0.292%
30	11.115	767	768	770	rVV	273527	305471	3.98%	0.195%
31	11.161	770	772	774	rVV3	234601	482926	6.29%	0.309%
32	11.206	774	776	778	rVB2	644012	686161	8.94%	0.438%
33	11.241	778	779	782	rBV2	390670	622415	8.11%	0.398%
34	11.286	782	783	785	rVB	351937	261532	3.41%	0.167%

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35	11.412	792	794	799	rBV2	175169	297688	3.88%	0.190%
36	11.504	799	802	803	rBV3	92190	167771	2.19%	0.107%
37	11.549	803	806	807	rBV	2010208	1839188	23.97%	1.175%
38	11.572	807	808	810	rVB2	172863	183537	2.39%	0.117%
39	11.721	819	821	824	rBV2	147526	251598	3.28%	0.161%
40	11.766	824	825	827	rVB	405934	345832	4.51%	0.221%
41	11.835	829	831	834	rVB3	164898	226377	2.95%	0.145%
42	11.961	840	842	844	rVB	337242	341652	4.45%	0.218%
43	12.006	844	846	848	rBV	1382749	1675758	21.84%	1.071%
44	12.086	850	853	855	rBV	2593546	3520288	45.88%	2.249%
45	12.246	865	867	870	rBV2	275281	409231	5.33%	0.261%
46	12.498	886	889	891	rVB3	296468	435497	5.68%	0.278%
47	12.589	894	897	899	rBV4	99799	203562	2.65%	0.130%
48	12.635	899	901	904	rVB4	164666	361794	4.71%	0.231%
49	12.807	910	916	919	rBV3	3537563	5261365	68.56%	3.362%
50	12.864	919	921	924	rBV	1348437	1300683	16.95%	0.831%
51	12.989	931	932	937	rVB2	254355	460279	6.00%	0.294%
52	13.069	937	939	940	rBV	148476	229077	2.99%	0.146%
53	13.138	943	945	947	rBV	6157467	6460361	84.19%	4.128%
54	13.241	947	954	956	rVV6	344360	1798321	23.44%	1.149%
55	13.344	962	963	964	rVB	293554	201378	2.62%	0.129%
56	13.378	964	966	968	rBV2	149415	305220	3.98%	0.195%
57	13.504	975	977	978	rBV2	278365	317923	4.14%	0.203%
58	13.572	981	983	984	rVV2	798500	882417	11.50%	0.564%
59	13.652	988	990	992	rVV	478697	848634	11.06%	0.542%
60	13.687	992	993	994	rVB	457640	329981	4.30%	0.211%
61	13.790	1000	1002	1004	rBV	350822	355807	4.64%	0.227%
62	13.835	1004	1006	1008	rBV3	176494	197860	2.58%	0.126%
63	13.881	1008	1010	1011	rBV	1054321	1147242	14.95%	0.733%
64	13.904	1011	1012	1014	rVV2	869164	1010939	13.17%	0.646%
65	14.007	1017	1021	1022	rBV2	4726330	5784742	75.38%	3.696%
66	14.041	1022	1024	1030	rVB	1579222	2203011	28.71%	1.408%
67	14.121	1030	1031	1034	rVB2	241437	290062	3.78%	0.185%
68	14.201	1034	1038	1039	rBV	2067509	3714691	48.41%	2.373%
69	14.258	1041	1043	1045	rBV	506542	478259	6.23%	0.306%
70	14.372	1051	1053	1056	rVB3	405811	749775	9.77%	0.479%
71	14.532	1065	1067	1069	rBV3	230593	410602	5.35%	0.262%

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72	14.681	1077	1080	1082	rBV	2566353	3371710	43.94%	2.154%
73	14.898	1097	1099	1102	rVB	381131	559415	7.29%	0.357%
74	15.070	1112	1114	1117	rVB	779179	981939	12.80%	0.627%
75	15.355	1136	1139	1144	rBV2	1744582	4076784	53.13%	2.605%
76	15.618	1156	1162	1167	rBV3	399332	1500864	19.56%	0.959%
77	15.710	1167	1170	1172	rBV	1088610	1382774	18.02%	0.883%
78	15.961	1190	1192	1194	rBV	159380	275196	3.59%	0.176%
79	16.213	1211	1214	1216	rBV	1149524	1977468	25.77%	1.263%
80	16.258	1216	1218	1223	rVB	2166313	3546201	46.21%	2.266%
81	16.453	1232	1235	1237	rBV2	926387	1592256	20.75%	1.017%
82	16.670	1248	1254	1256	rBV2	487646	1301505	16.96%	0.832%
83	17.047	1285	1287	1290	rVB2	206419	366847	4.78%	0.234%
84	17.230	1300	1303	1304	rBV2	149769	340799	4.44%	0.218%
85	17.276	1305	1307	1313	rVB5	281019	801003	10.44%	0.512%
86	17.378	1313	1316	1318	rBV	219979	491441	6.40%	0.314%
87	17.447	1318	1322	1328	rVB3	406230	1564842	20.39%	1.000%
88	17.618	1333	1337	1340	rVV4	538688	1576007	20.54%	1.007%
89	17.676	1340	1342	1351	rVB2	340382	1088897	14.19%	0.696%
90	17.881	1355	1360	1366	rBV	2371008	7673643	100.00%	4.903%
91	17.973	1366	1368	1372	rVB2	699538	1578945	20.58%	1.009%
92	18.099	1377	1379	1385	rVB2	436296	1116965	14.56%	0.714%
93	18.224	1385	1390	1393	rBV2	836668	2361240	30.77%	1.509%
94	18.361	1398	1402	1408	rVV	759519	2635022	34.34%	1.684%
95	18.476	1408	1412	1417	rVB3	675566	2003520	26.11%	1.280%
96	18.613	1422	1424	1429	rVB4	278020	708566	9.23%	0.453%
97	18.727	1429	1434	1436	rBV	1002364	3117928	40.63%	1.992%
98	18.876	1443	1447	1450	rBV2	311465	807575	10.52%	0.516%
99	18.956	1450	1454	1461	rVB	700288	2109043	27.48%	1.348%
100	19.527	1501	1504	1505	rBV	162532	317355	4.14%	0.203%

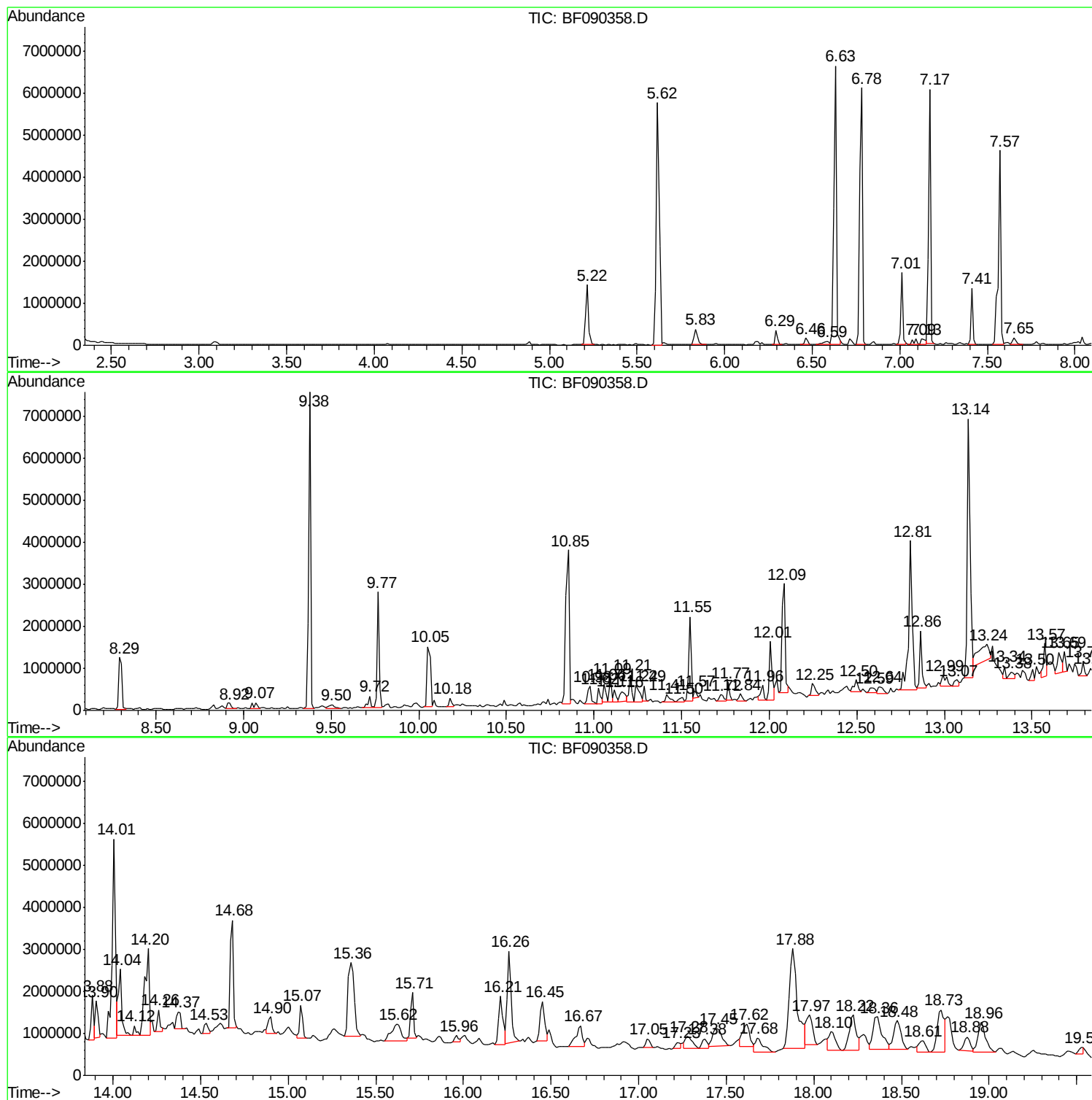
Sum of corrected areas: 156511438

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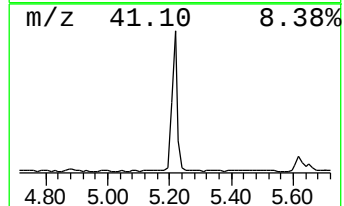
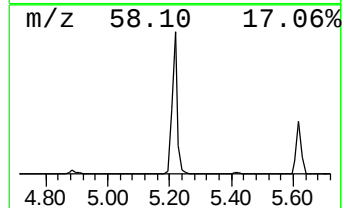
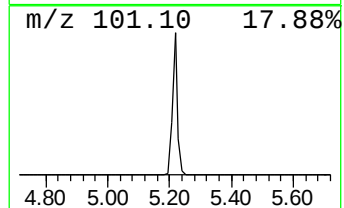
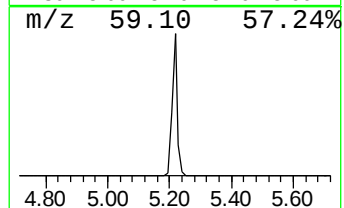
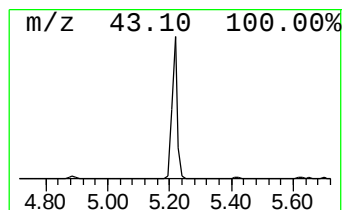
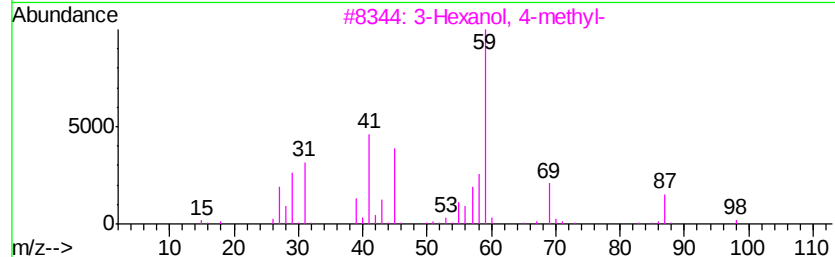
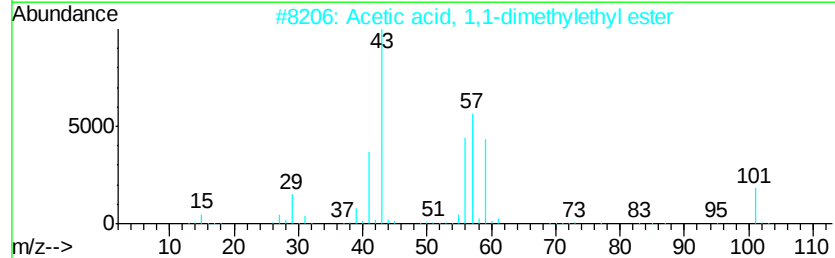
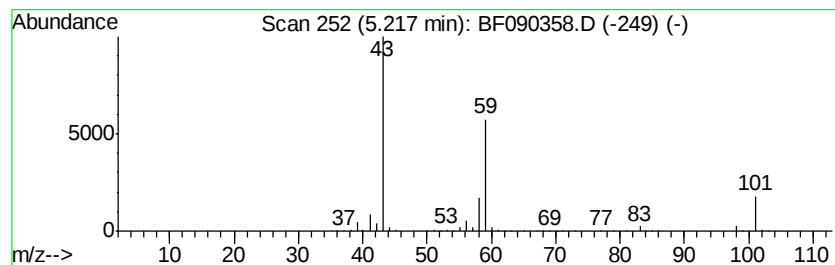
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	23.33 ng	1681170	1,4-Dichlorobenzene-d4	7.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		Acetone	58	C3H6O	000067-64-1	9



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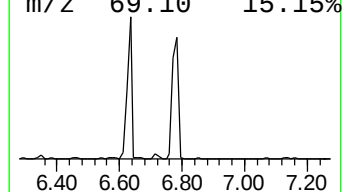
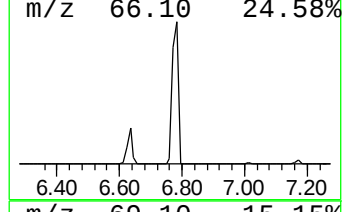
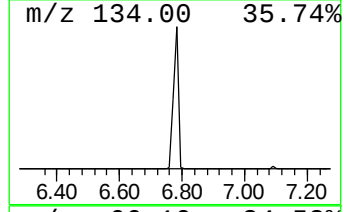
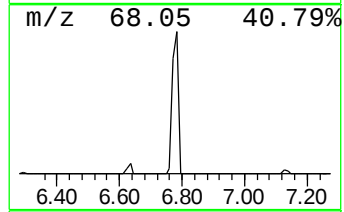
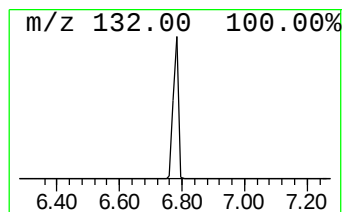
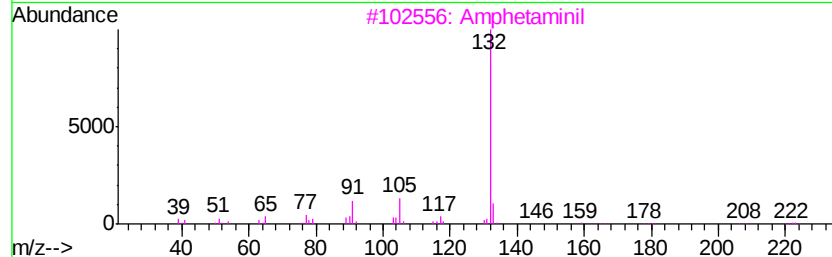
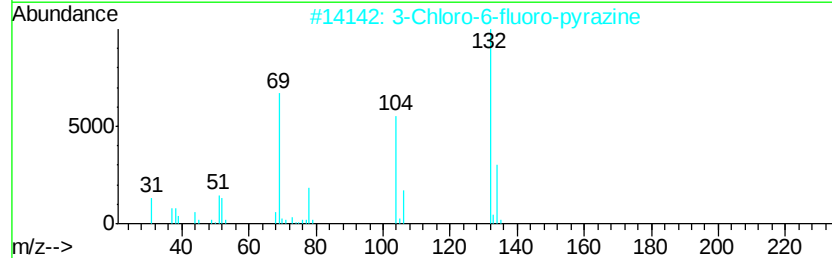
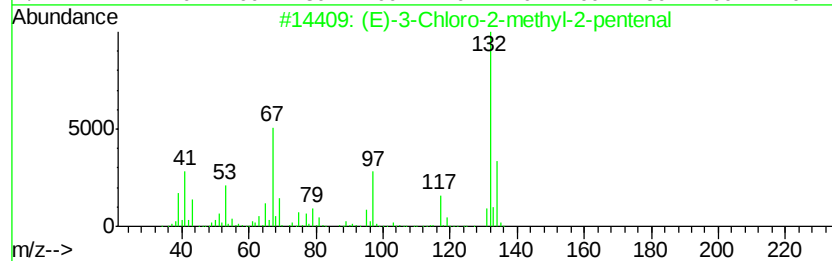
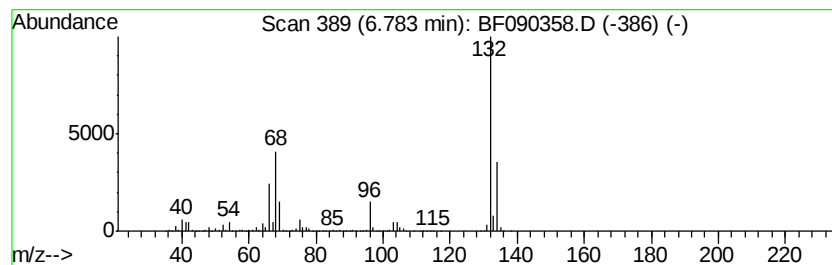
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	100.33 ng	7228840	1,4-Dichlorobenzene-d4	7.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Amphetaminil	250	C17H18N2	017590-01-1	10
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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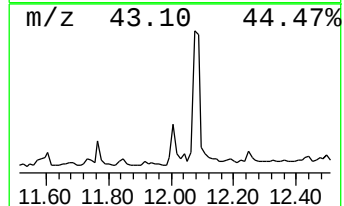
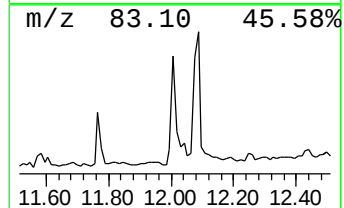
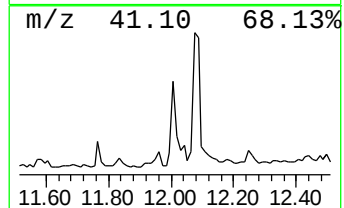
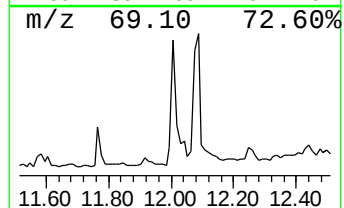
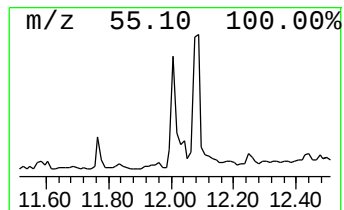
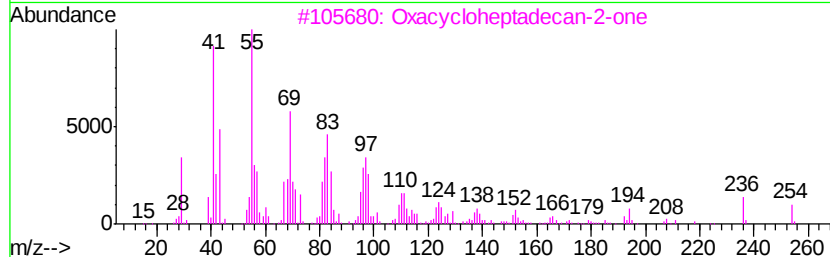
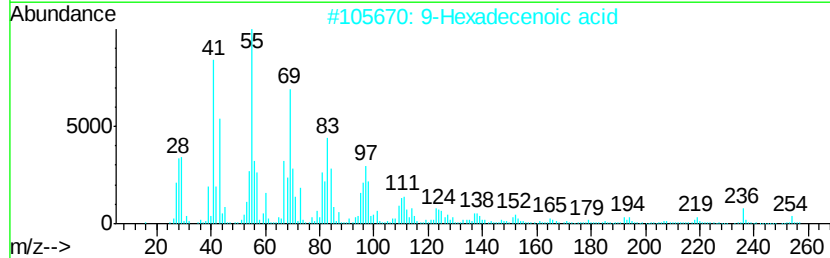
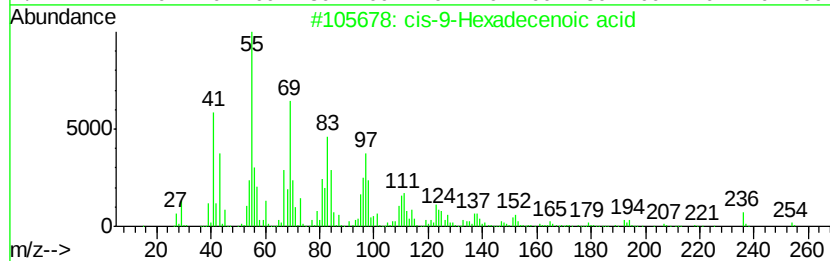
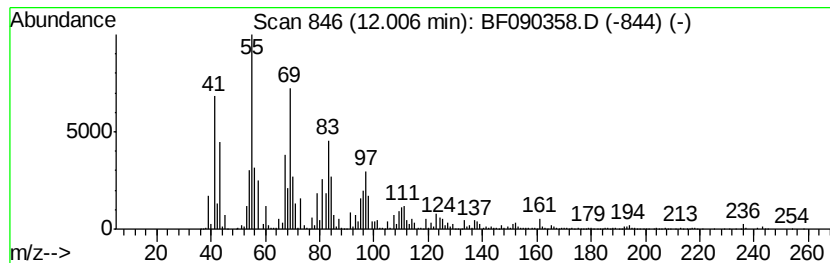
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Peak Number 4 cis-9-Hexadecenoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	18.22 ng	1675760	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	99
2		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	99
3		Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	93
4		Palmitoleic acid	254	C16H30O2	000373-49-9	87
5		E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090358.D
Acq On : 4 Oct 2016 22:45
Operator : UM/SJ
Sample : H4869-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TS-WSG-16121-02

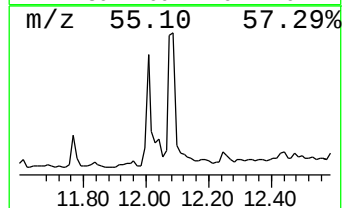
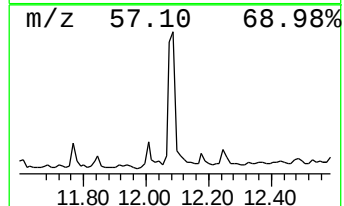
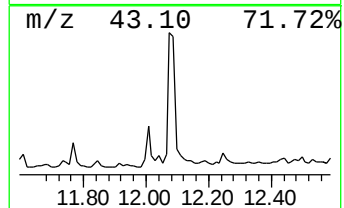
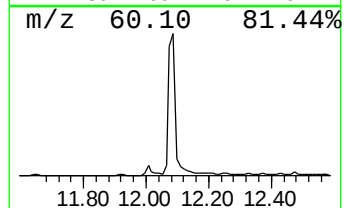
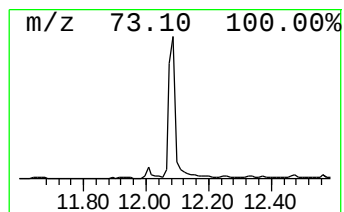
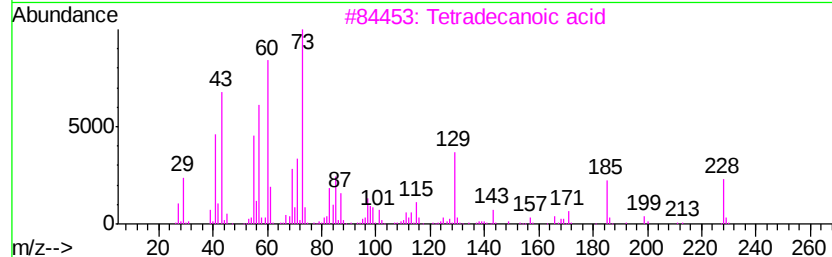
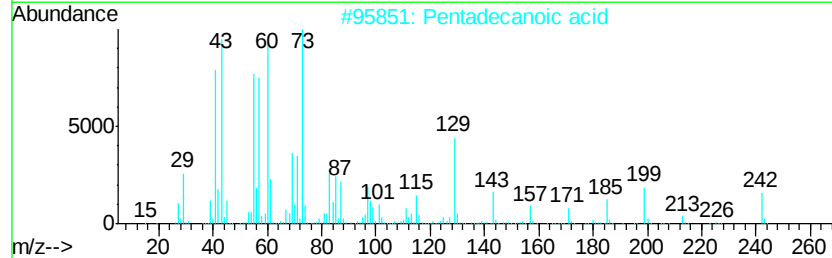
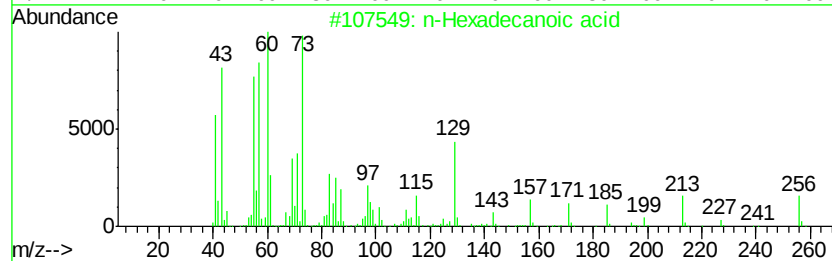
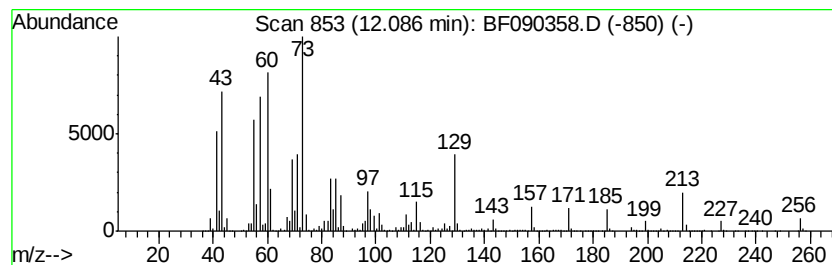
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	38.28 ng	3520290	Phenanthrene-d10	11.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090358.D
Acq On : 4 Oct 2016 22:45
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ClientSampleId :
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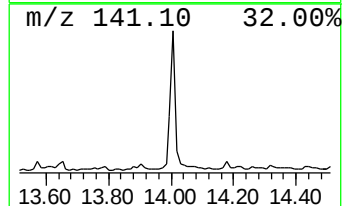
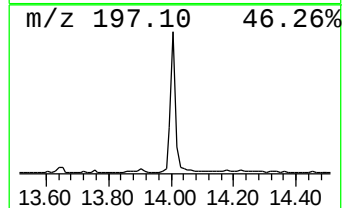
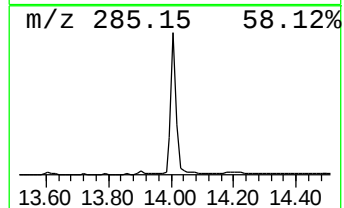
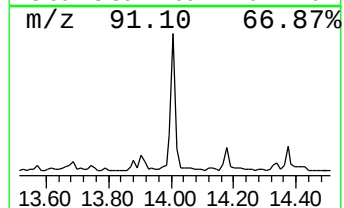
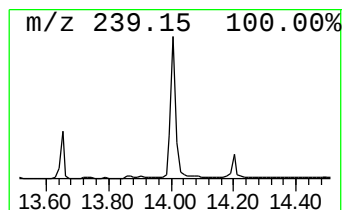
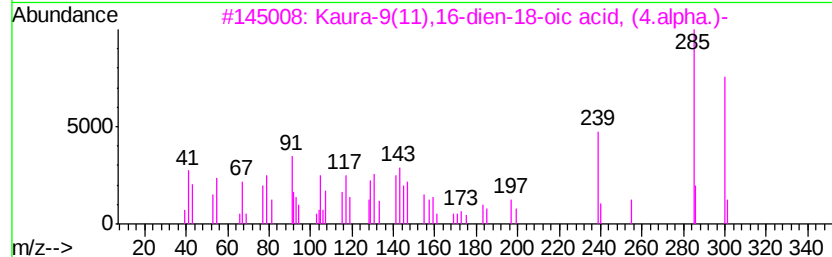
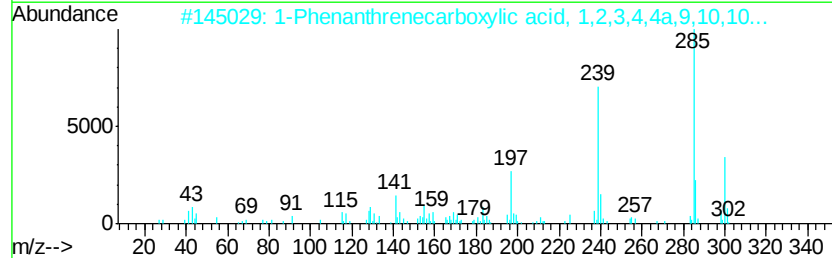
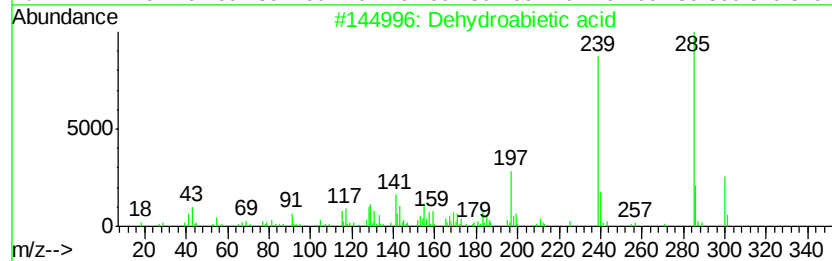
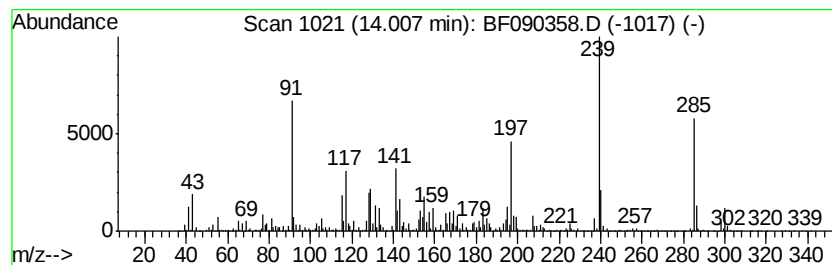
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dehydroabietic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	31.15 ng	5784740	Chrysene-d12	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dehydroabietic acid	300	C20H28O2	001740-19-8	98
2		1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	89
3		Kaura-9(11),16-dien-18-oic acid,...	300	C20H28O2	022338-67-6	59
4		Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	53
5		Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090358.D
Acq On : 4 Oct 2016 22:45
Operator : UM/SJ
Sample : H4869-02
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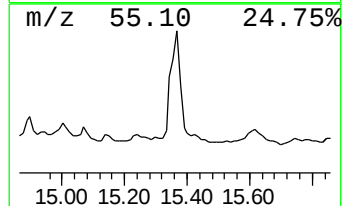
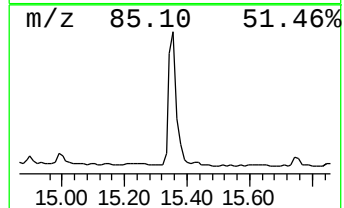
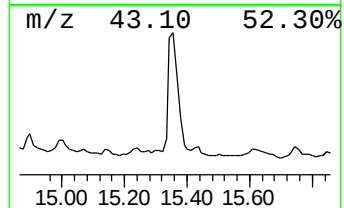
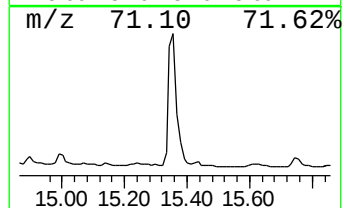
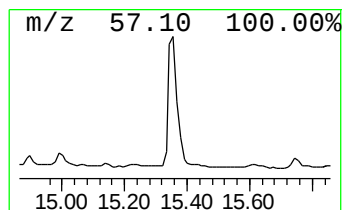
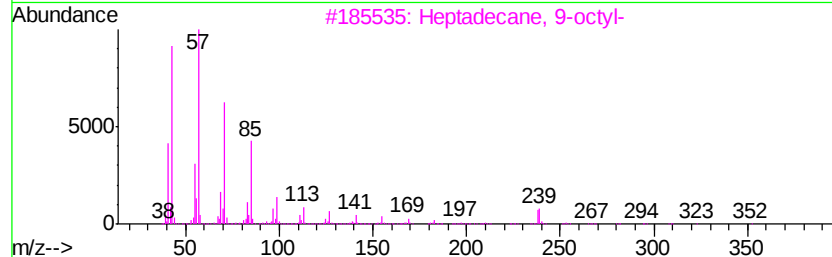
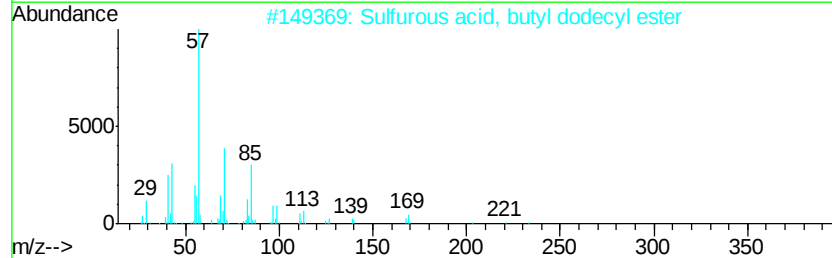
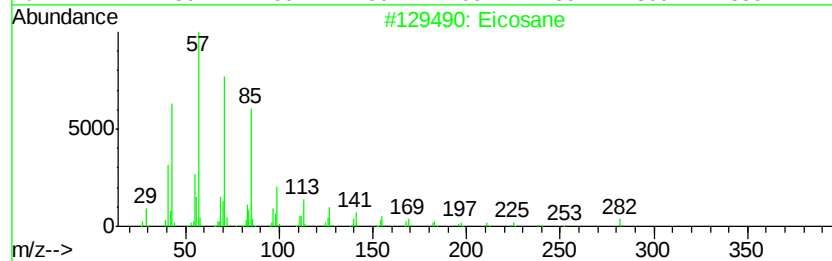
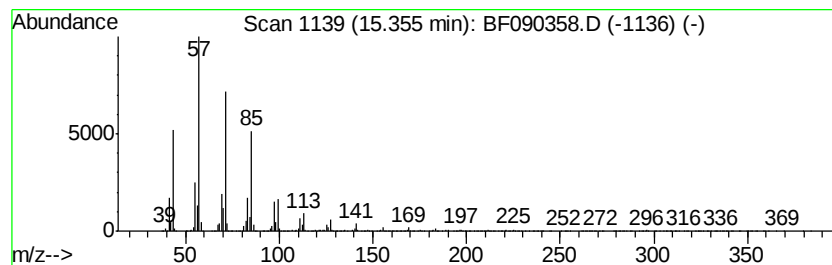
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	58.97 ng	4076780	Perylene-d12	15.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	97
2	Sulfurous acid, butyl dodecyl ester		306	C16H34O3S	1000309-17-9	91
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	90
4	Heptacosane		380	C27H56	000593-49-7	90
5	Sulfurous acid, 2-propyl tridecy...		306	C16H34O3S	1000309-12-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090358.D
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ClientSampleId :
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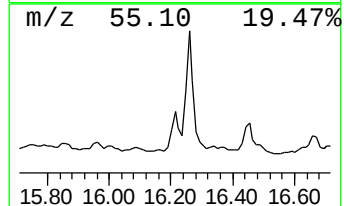
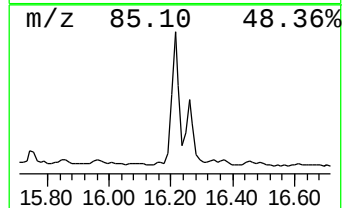
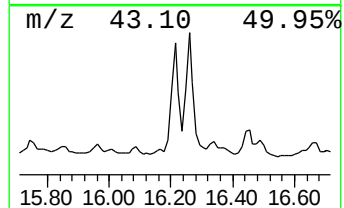
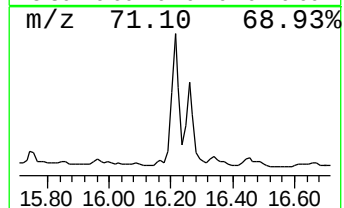
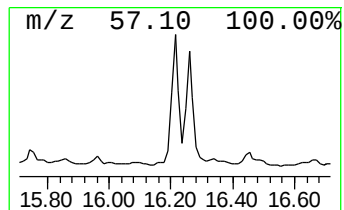
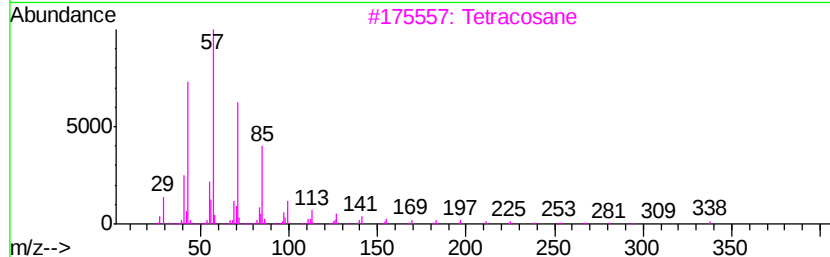
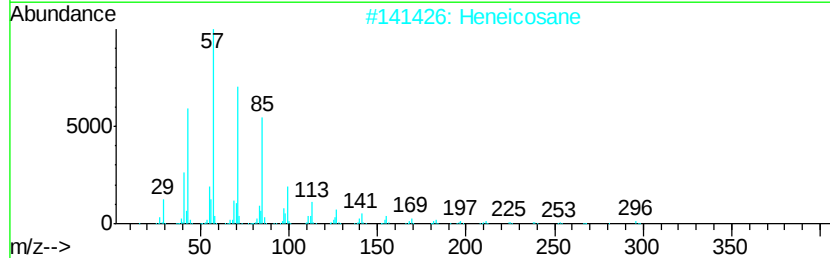
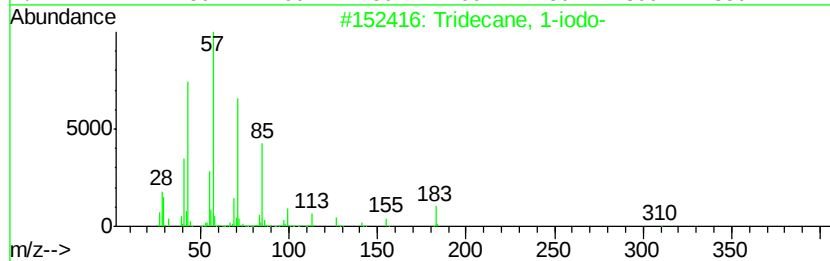
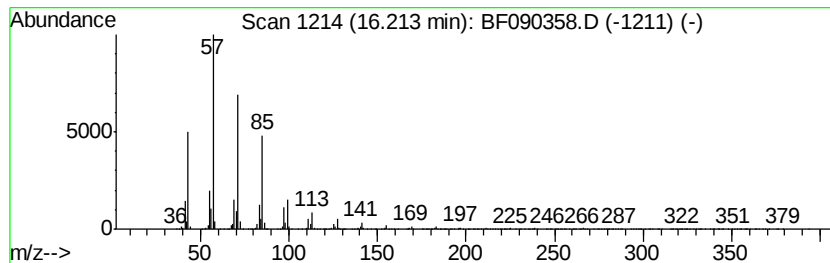
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	28.60 ng	1977470	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	90
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5		Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090358.D
Acq On : 4 Oct 2016 22:45
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TS-WSG-16121-02

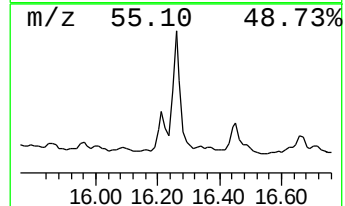
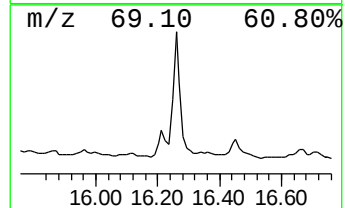
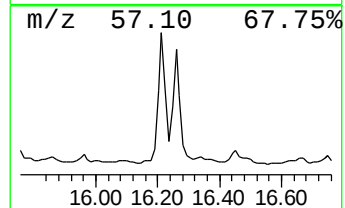
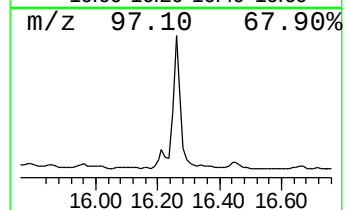
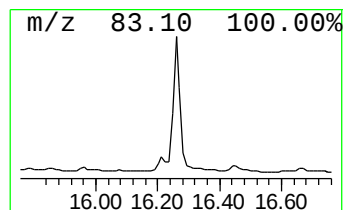
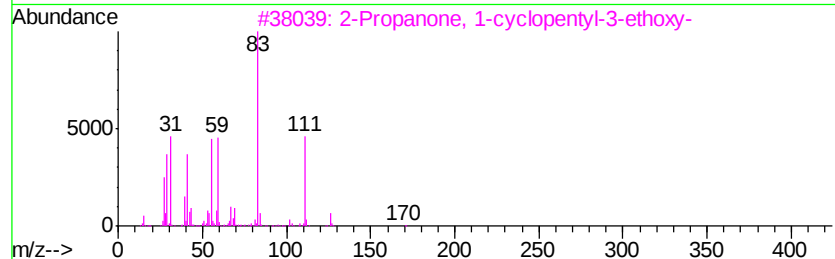
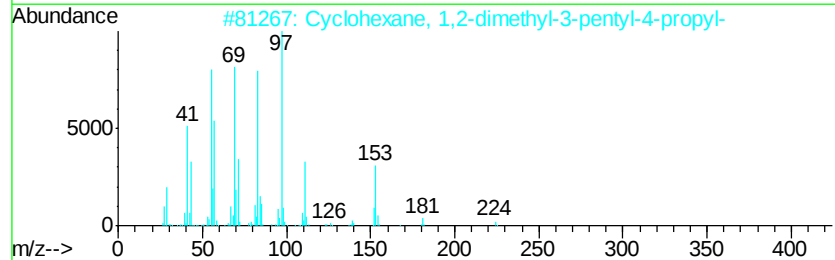
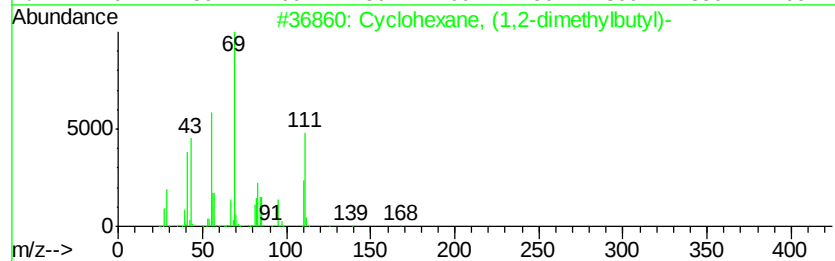
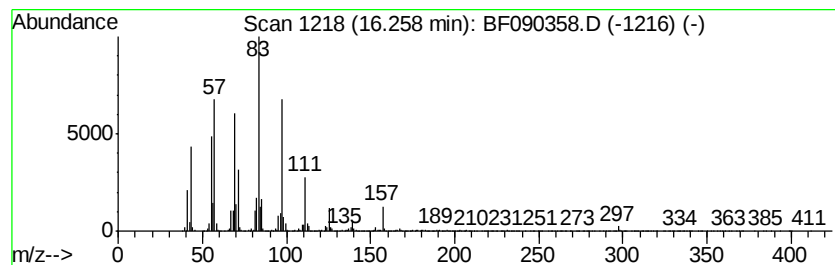
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown16.26 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	51.29 ng	3546200	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	44
2		Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	43
3		2-Propanone, 1-cyclopentyl-3-eth...	170	C10H18O2	051149-71-4	43
4		Octacosanol	410	C28H58O	000557-61-9	38
5		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090358.D
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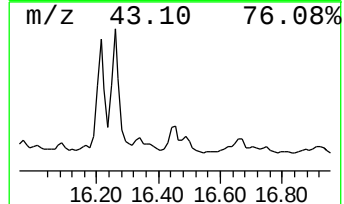
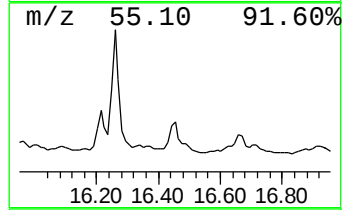
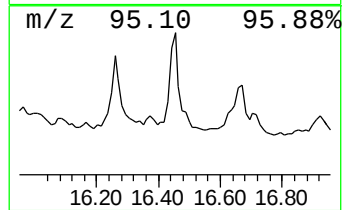
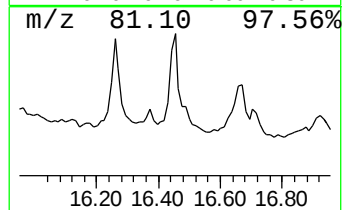
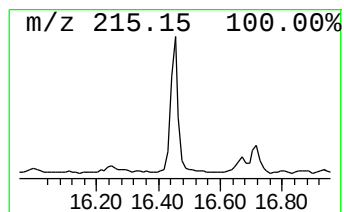
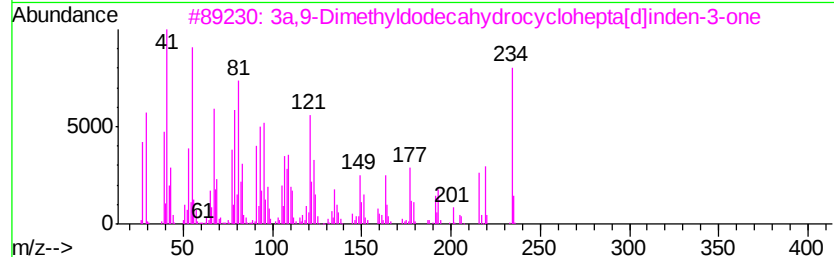
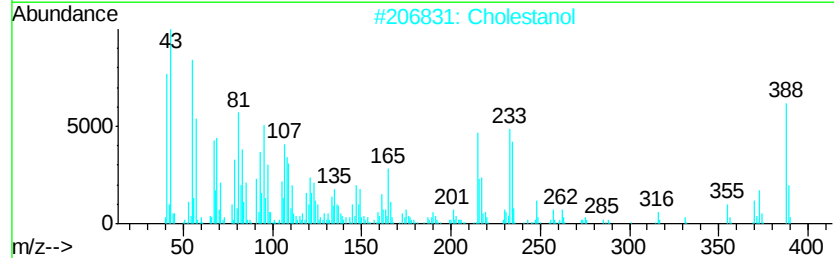
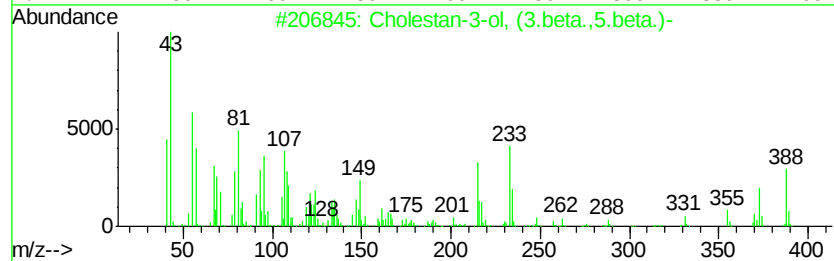
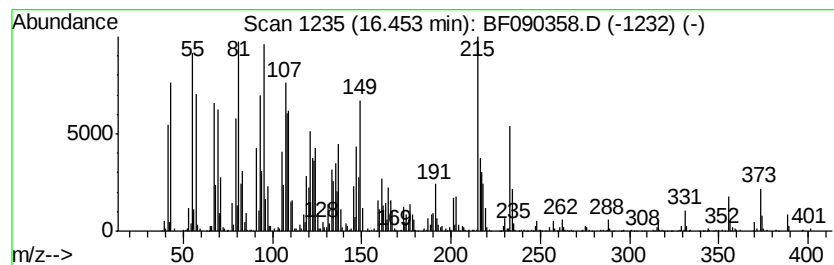
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cholestan-3-ol, (3.beta.,5.... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	23.03 ng	1592260	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	91
2		Cholestanol	388	C27H48O	000080-97-7	83
3		3a,9-Dimethyldodecahydrocyclohep...	234	C16H26O	1000189-38-7	43
4		7-Oxabicyclo[4.1.0]heptane, 2,2,...	218	C15H22O	070038-20-9	43
5		Corymbolone	236	C15H24O2	097094-19-4	25



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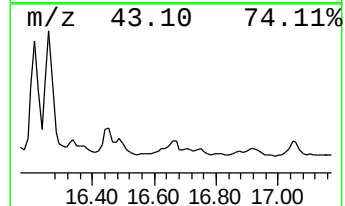
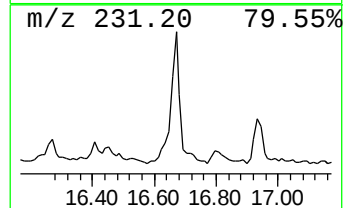
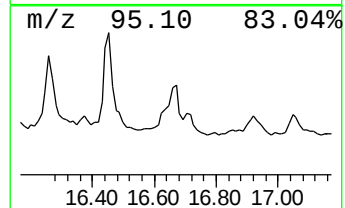
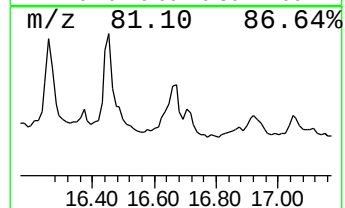
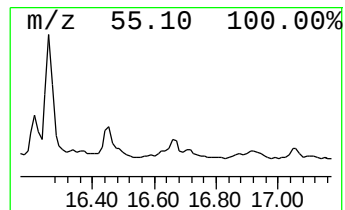
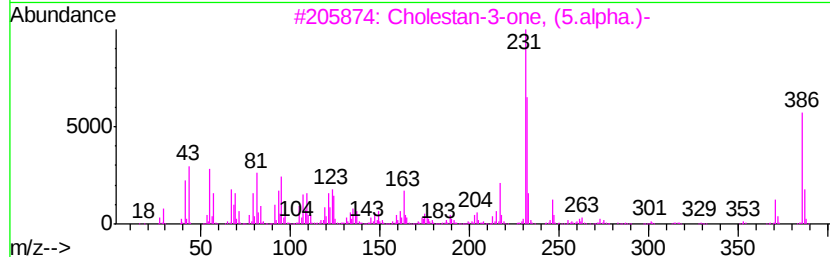
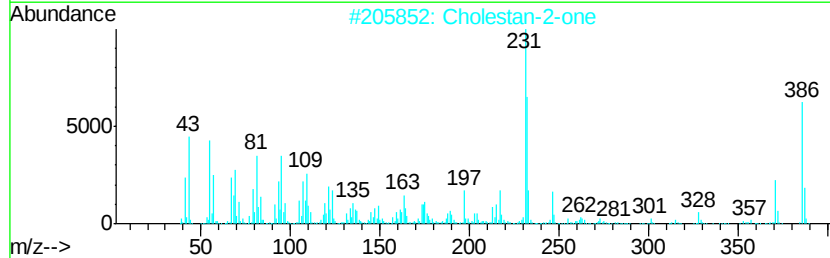
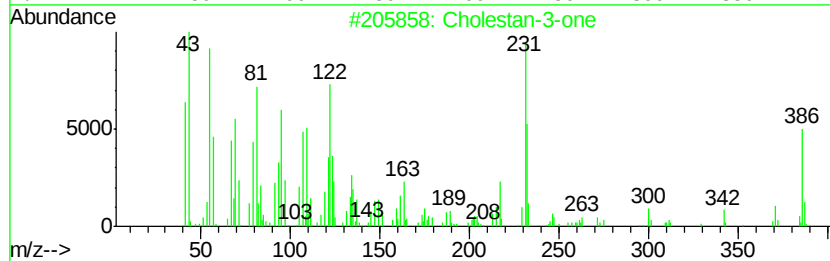
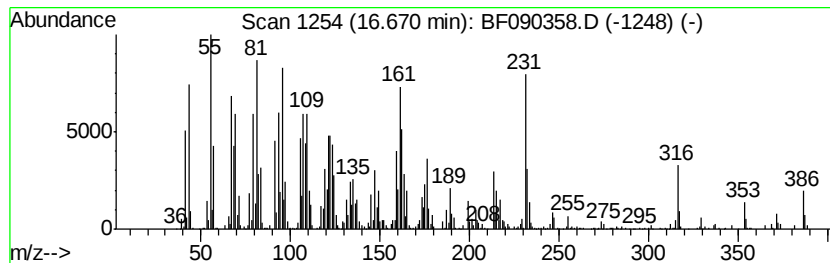
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	18.82 ng	1301510	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholestan-3-one	386	C27H46O	015600-08-5	84
2		Cholestan-2-one	386	C27H46O	1000210-43-4	50
3		Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	49
4		Pyrrolidine, 1-(m-methoxycinnamo...	231	C14H17NO2	029647-01-6	35
5		trans-1-(p-Methoxyphenyl)-1-tetr...	316	C21H32O2	123501-67-7	25



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Data File : BF090358.D
Acq On : 4 Oct 2016 22:45
Operator : UM/SJ
Sample : H4869-02
Misc :
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ClientSampleId :
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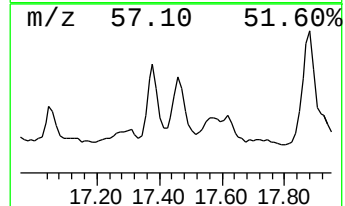
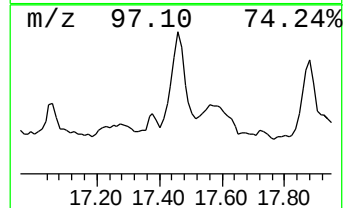
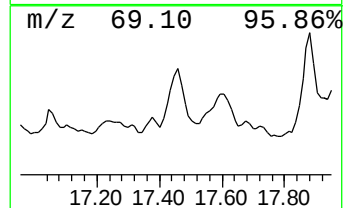
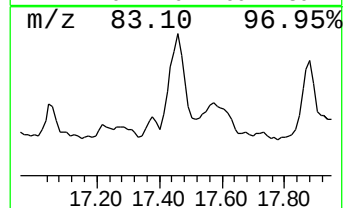
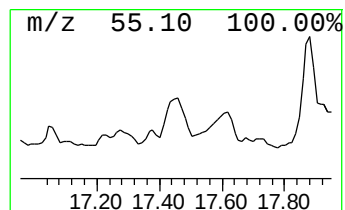
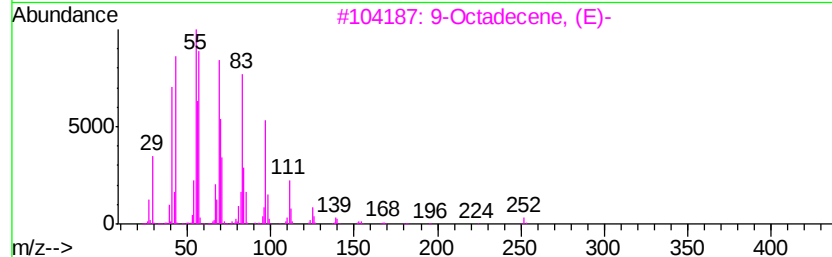
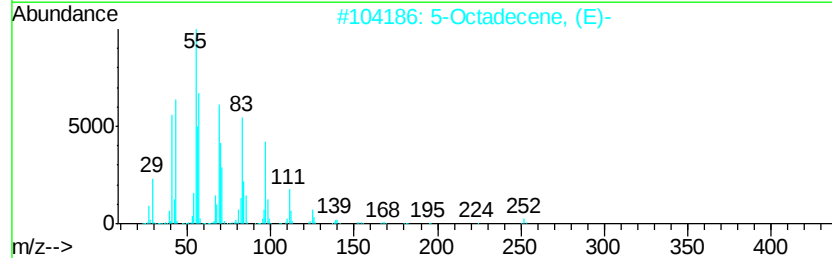
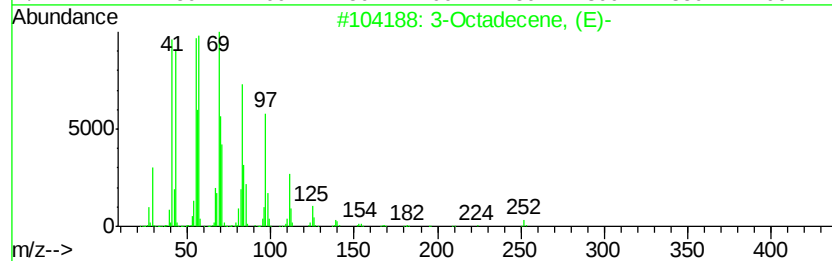
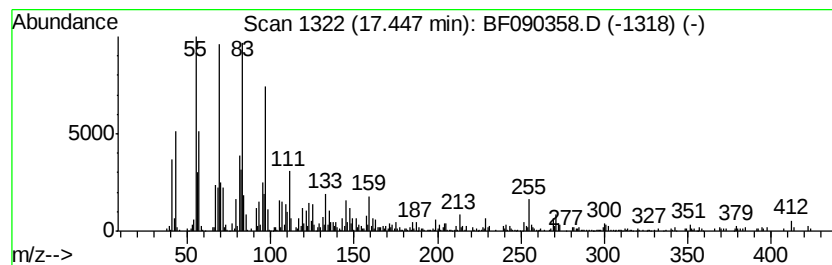
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 3-Octadecene, (E)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	22.63 ng	1564840	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octadecene, (E)-	252	C18H36	007206-19-1	81
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	74
3		9-Octadecene, (E)-	252	C18H36	007206-25-9	64
4		8,12-Tetradecadienoic acid, 5-et...	320	C21H36O2	036237-73-7	55
5		1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	49



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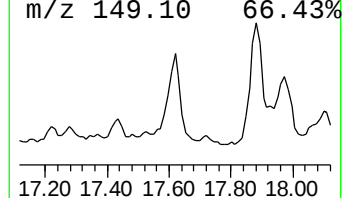
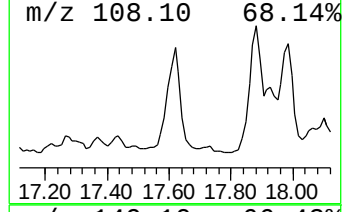
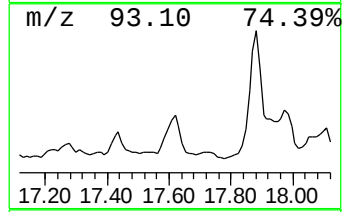
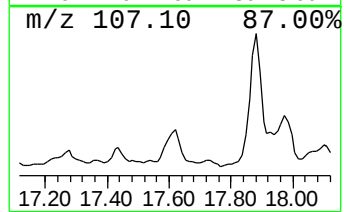
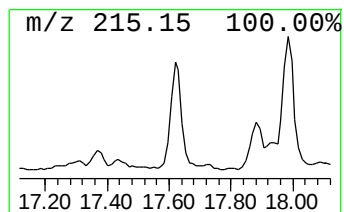
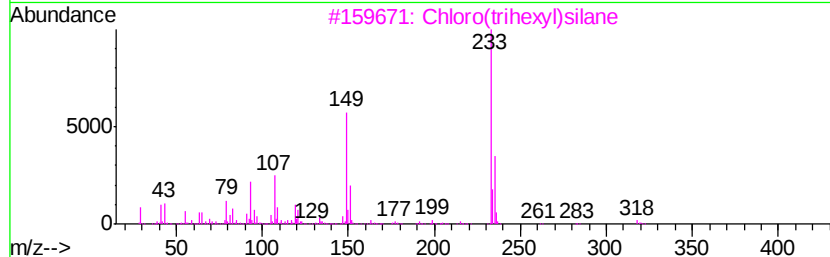
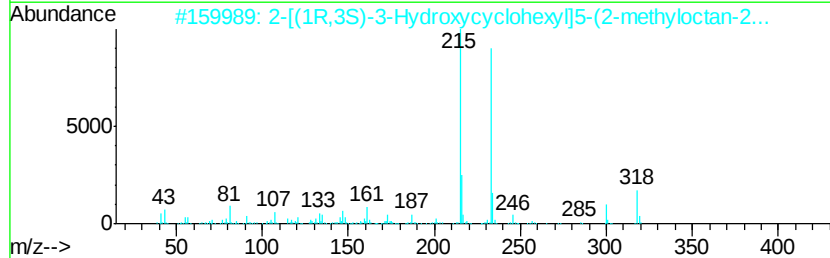
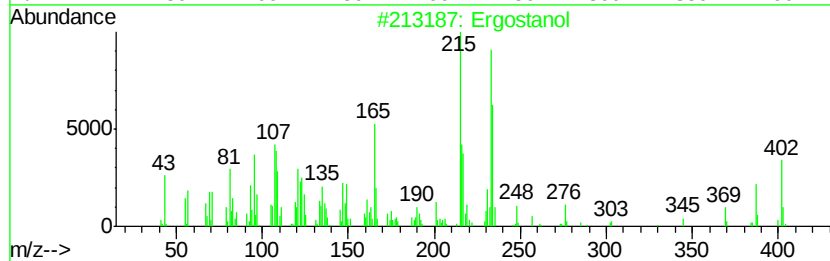
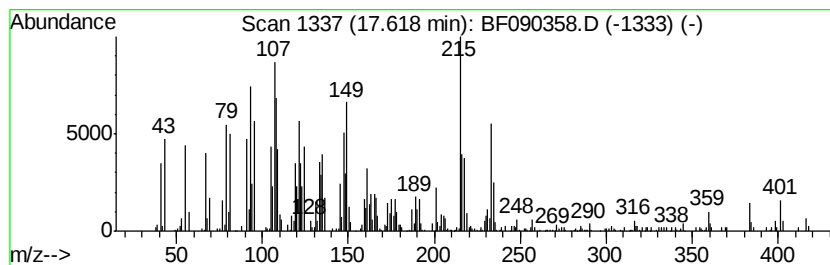
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Ergostanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	22.79 ng	1576010	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ergostanol	402	C28H50O	006538-02-9	58
2		2-[(1R,3S)-3-Hydroxycyclohexyl]5...	318	C21H34O2	070434-82-1	32
3		Chloro(trihexyl)silane	318	C18H39ClSi	003634-67-1	16
4		Stigmastanol	416	C29H52O	019466-47-8	15
5		Bicyclo[2.2.2]oct-2-ene, 1,2,3,6...	164	C12H20	062376-14-1	14



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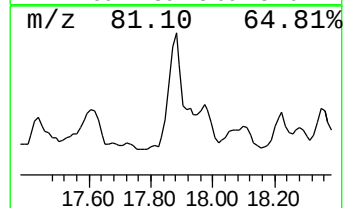
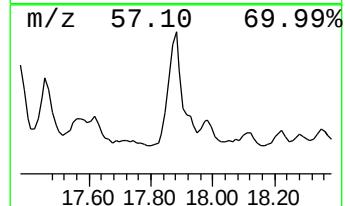
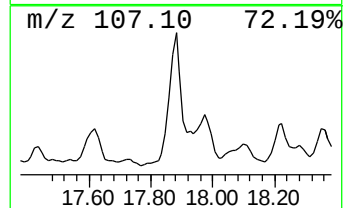
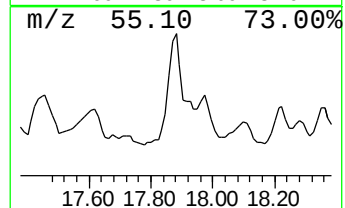
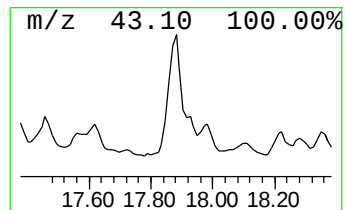
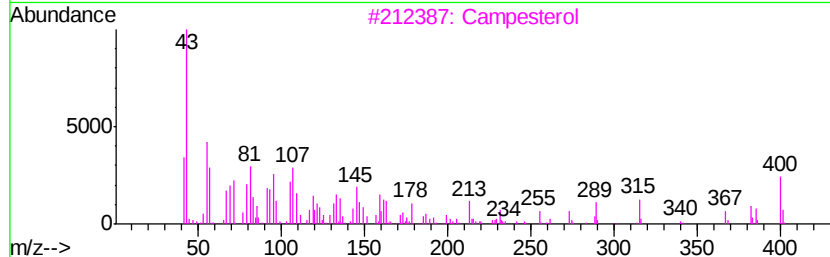
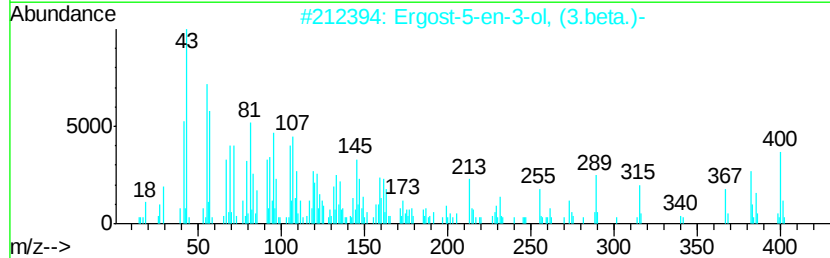
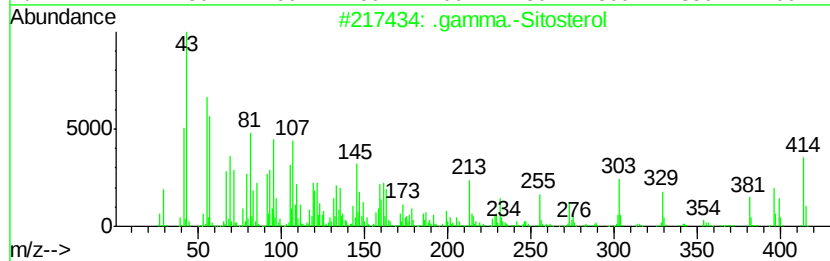
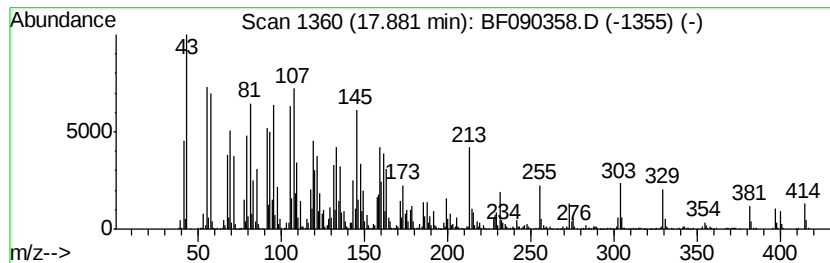
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	110.99 ng	7673640	Perylene-d12	15.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Sitosterol	414	C29H50O	000083-47-6	95
2			Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	87
3			Campesterol	400	C28H48O	000474-62-4	58
4			.beta.-Sitosterol	414	C29H50O	000083-46-5	53
5			Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	38



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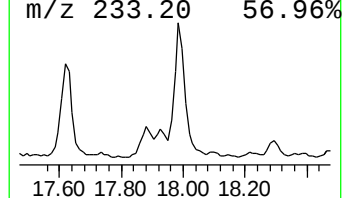
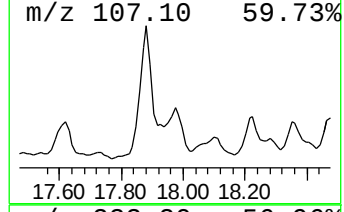
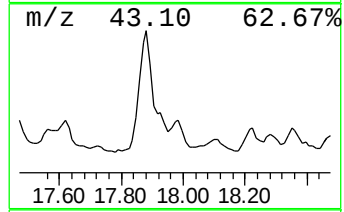
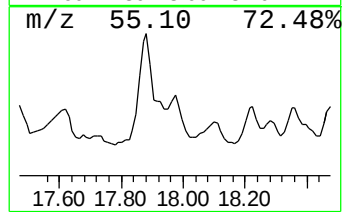
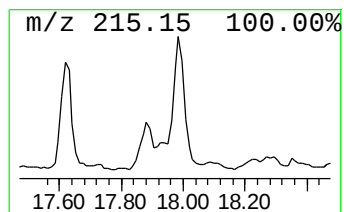
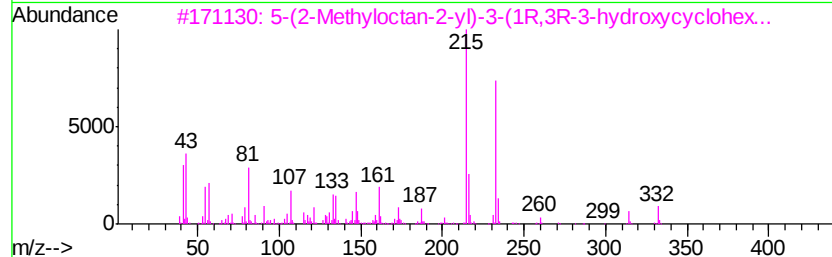
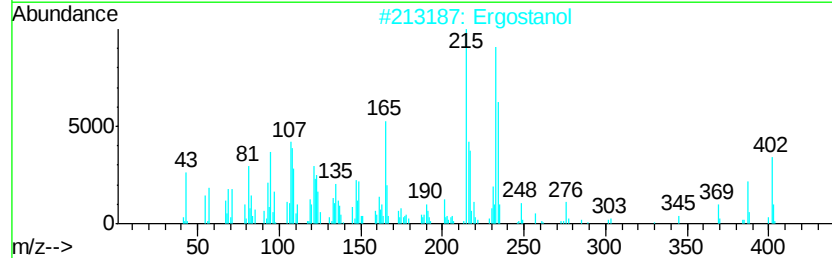
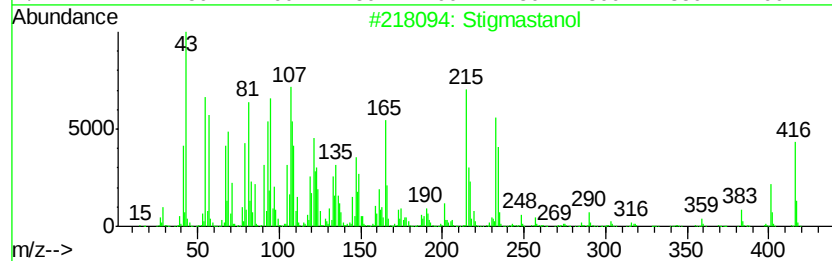
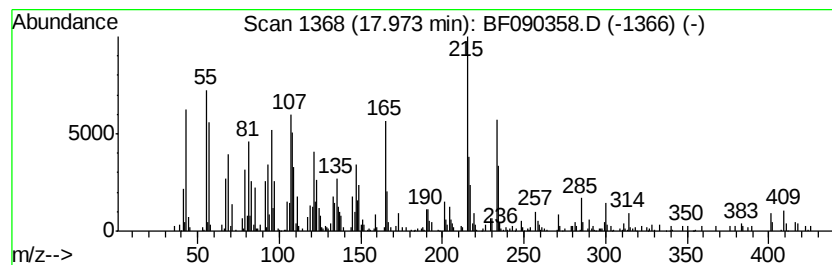
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Stigmasterol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	22.84 ng	1578950	Perylene-d12	15.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Stigmasterol	416 C29H52O	019466-47-8 64
2		Ergosterol	402 C28H50O	006538-02-9 38
3		5-(2-Methyloctan-2-yl)-3-(1R,3R-...	332 C22H36O2	070434-92-3 25
4		2-[(1R,3S)-3-Hydroxycyclohexyl]5...	318 C21H34O2	070434-82-1 25
5		Sulfamethoxypyridazine	280 C11H12N4O3S	000080-35-3 22



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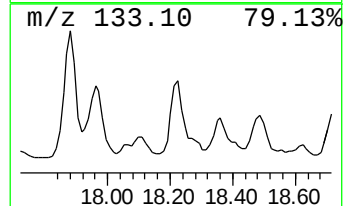
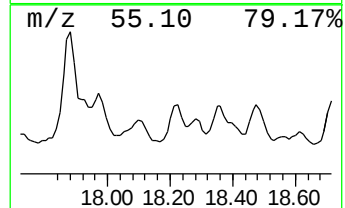
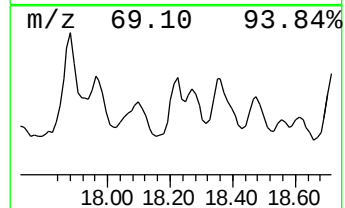
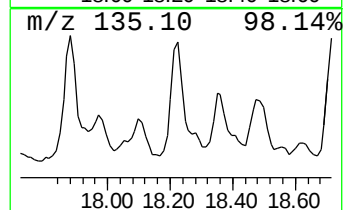
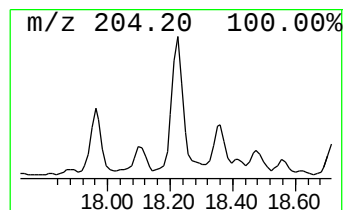
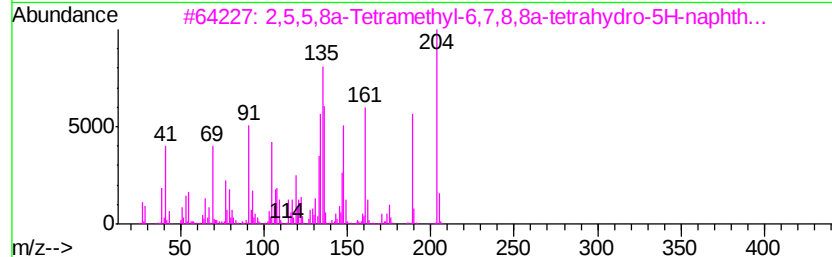
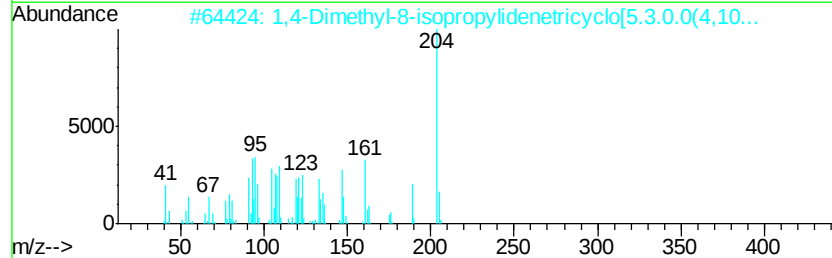
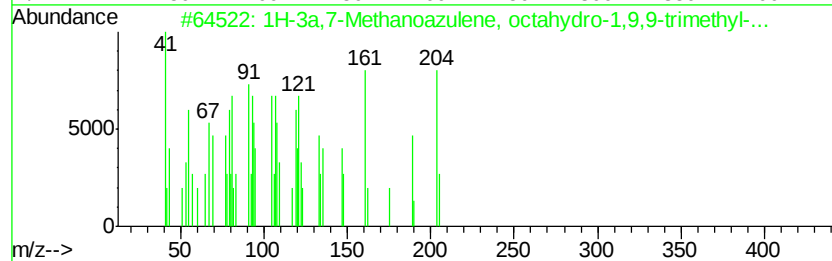
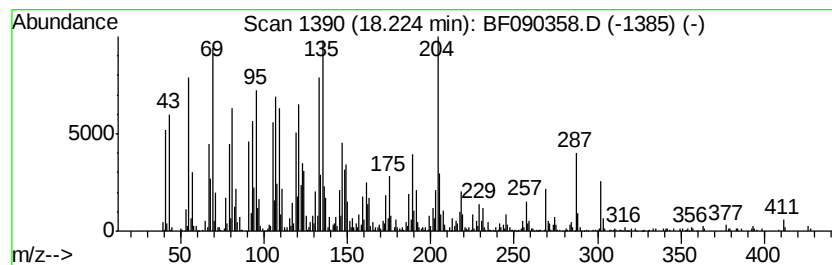
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1H-3a,7-Methanoazulene, oct... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	34.15 ng	2361240	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	60
2		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	60
3		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H200	124957-09-1	53
4		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	53
5		1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
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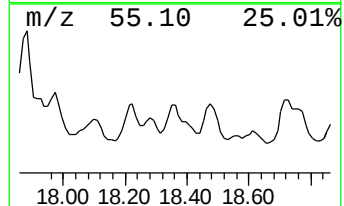
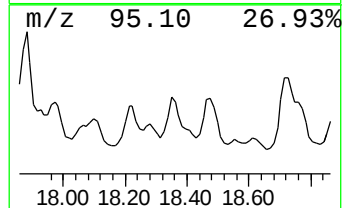
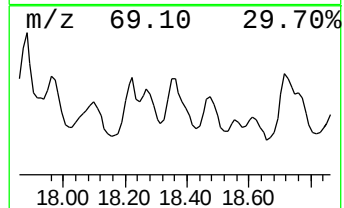
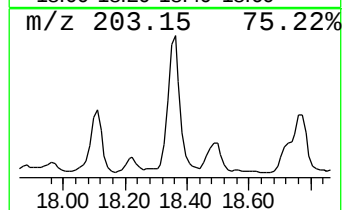
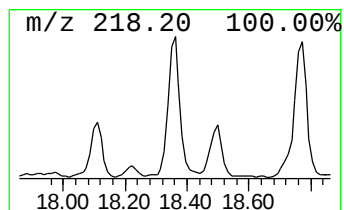
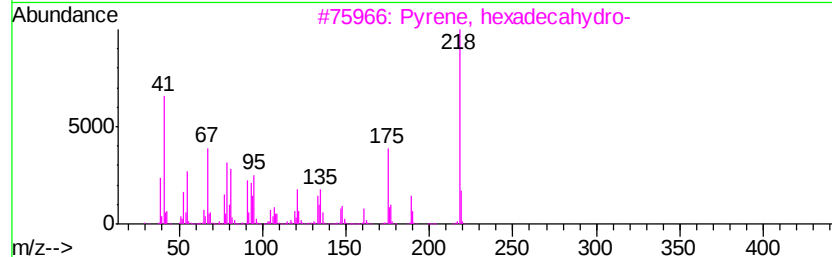
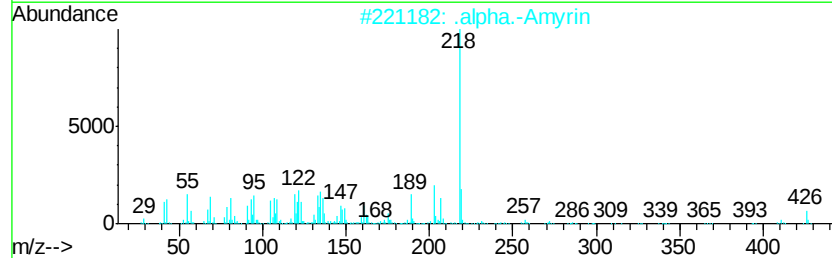
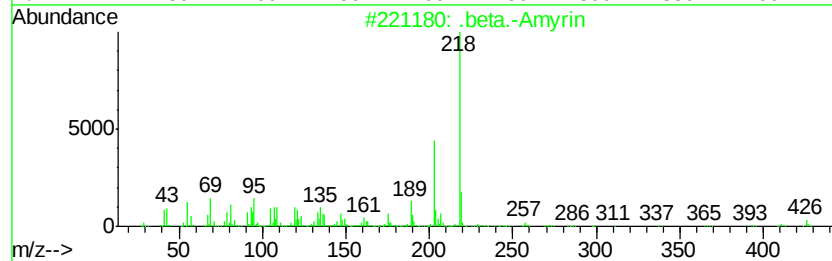
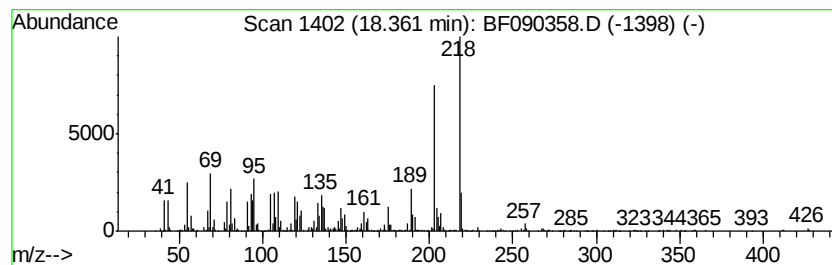
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TIC Integration Parameters: LSCINT.P

Peak Number 17 .beta.-Amyrin Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	38.11 ng	2635020	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Amyrin	426	C30H500	000559-70-6	81
2		.alpha.-Amyrin	426	C30H500	000638-95-9	64
3		Pyrene, hexadecahydro-	218	C16H26	002435-85-0	62
4		3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H1403	1000186-57-9	52
5		4,4,6a,6b,8a,11,11,14b-Octamethy...	424	C30H480	1000194-62-4	49



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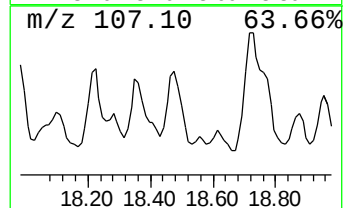
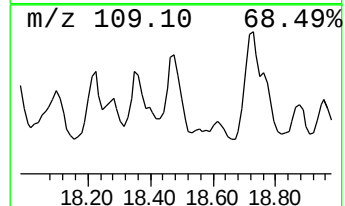
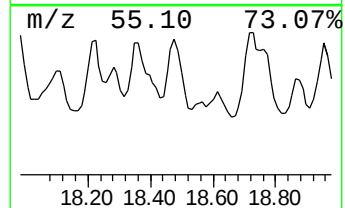
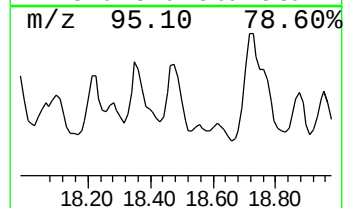
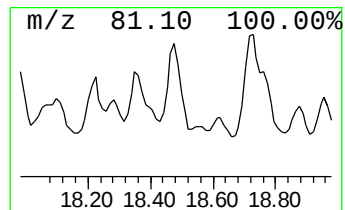
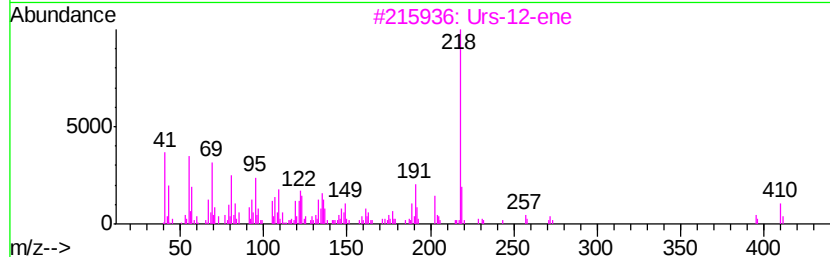
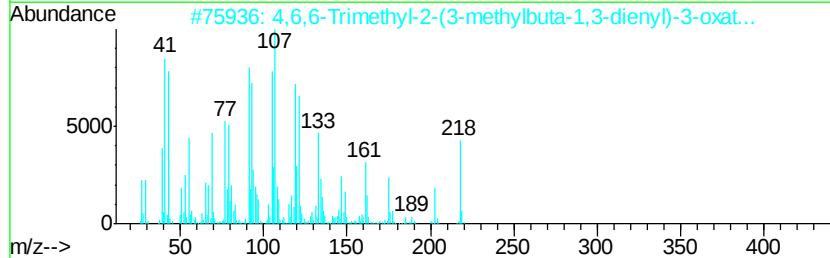
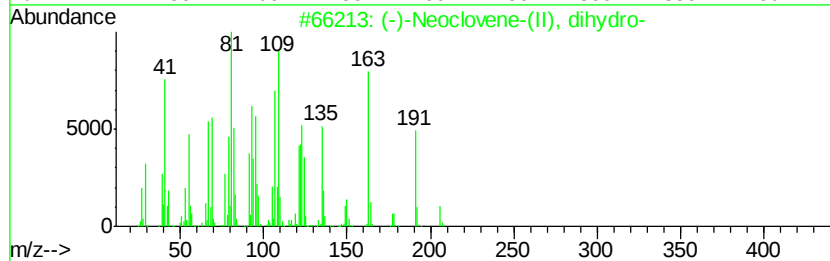
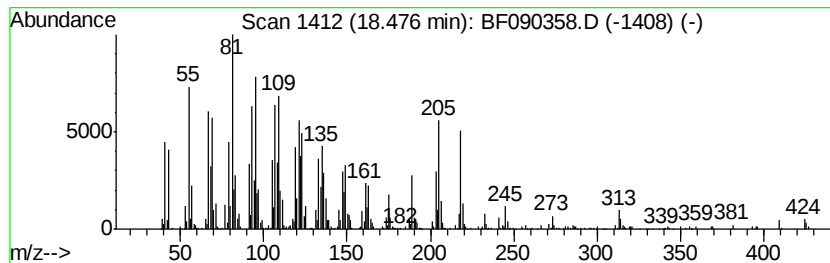
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 (-)-Neoclovene-(II), dihydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	28.98 ng	2003520	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	53
2		4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	49
3		Urs-12-ene	410	C30H50	000464-97-1	49
4		1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	46
5		6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090358.D
Acq On : 4 Oct 2016 22:45
Operator : UM/SJ
Sample : H4869-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-02

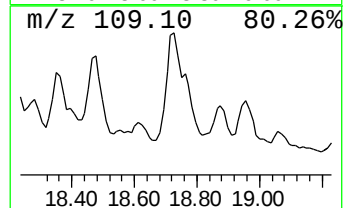
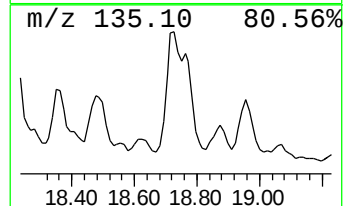
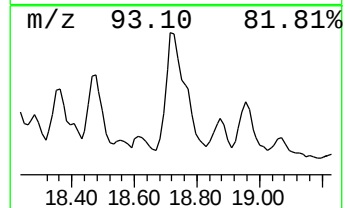
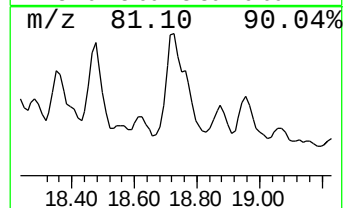
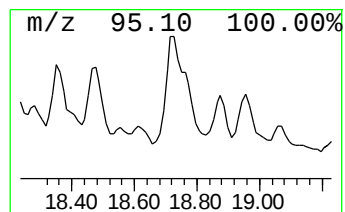
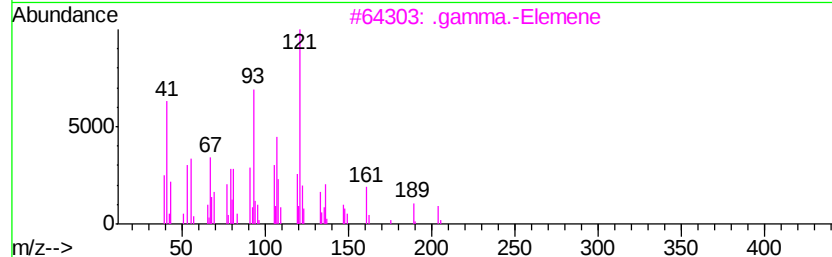
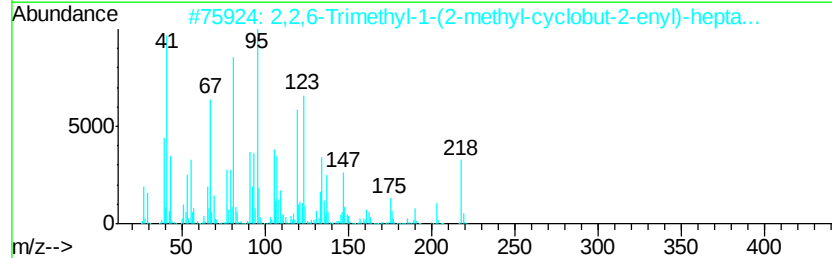
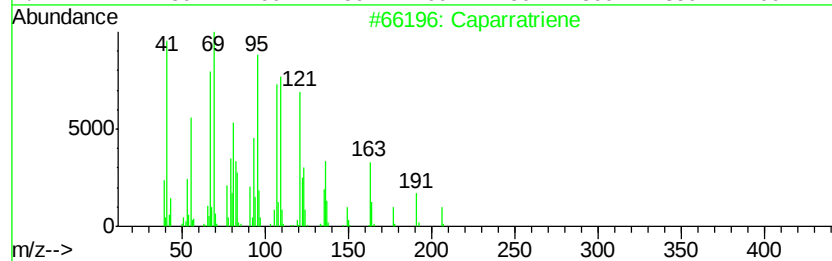
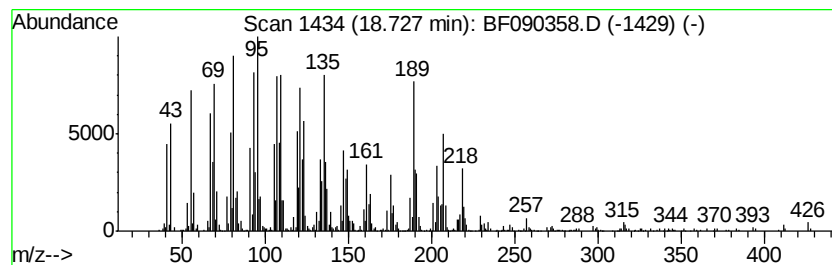
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Caparratriene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	45.10 ng	3117930	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Caparratriene	206	C15H26	1000374-08-7	70
2		2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	47
3		.gamma.-Elemene	204	C15H24	029873-99-2	46
4		(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	45
5		1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	015423-57-1	44



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090358.D
Acq On : 4 Oct 2016 22:45
Operator : UM/SJ
Sample : H4869-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

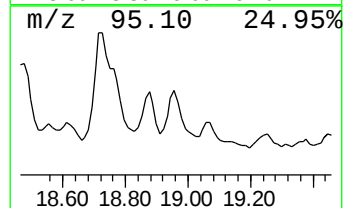
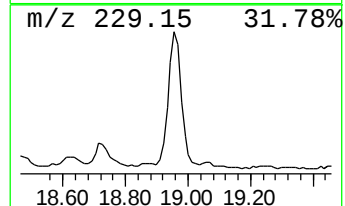
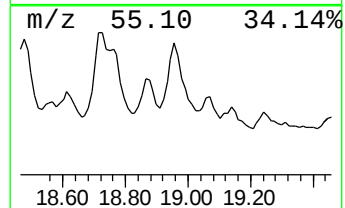
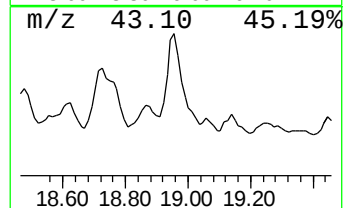
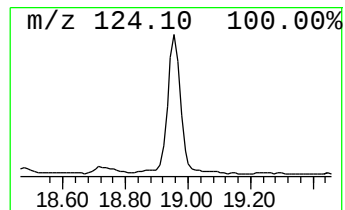
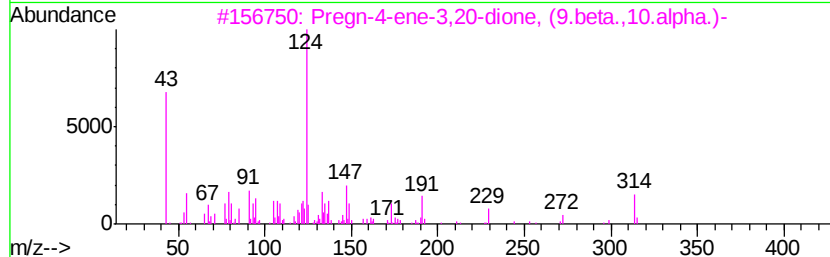
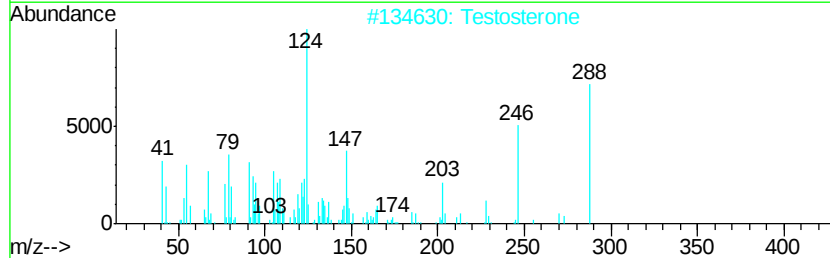
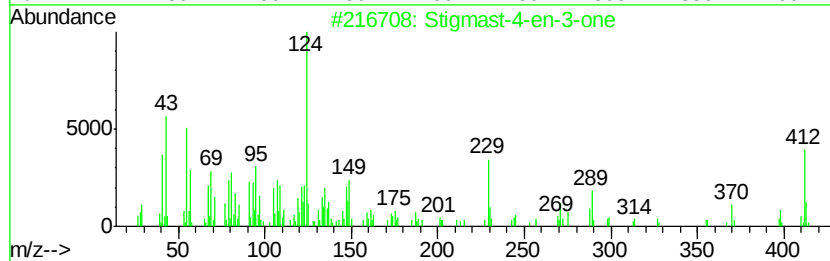
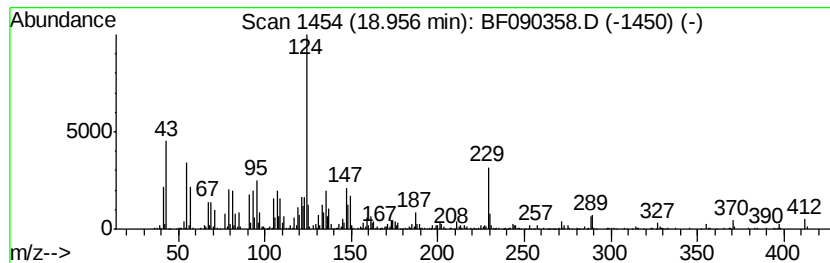
Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-02

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 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	30.50 ng	2109040	Perylene-d12	15.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Stigmast-4-en-3-one	412 C29H48O	001058-61-3 95
2		Testosterone	288 C19H28O2	000058-22-0 53
3		Pregn-4-ene-3,20-dione, (9.beta....	314 C21H30O2	002755-10-4 49
4		1,4-Benzenediol, 2-methyl-	124 C7H8O2	000095-71-6 46
5		4-Butyl-6-ethyl-5-methyl-2H-pyra...	194 C12H18O2	1000306-50-6 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090358.D
 Acq On : 4 Oct 2016 22:45
 Operator : UM/SJ
 Sample : H4869-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-02

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...	5.22	23.3	ng	1681170	1	7.01	1441060	20.0
unknown6.78	6.78	100.3	ng	7228840	1	7.01	1441060	20.0
cis-9-Hexadeceno...	12.01	18.2	ng	1675760	4	11.55	1839190	20.0
n-Hexadecanoic acid	12.09	38.3	ng	3520290	4	11.55	1839190	20.0
Dehydroabietic acid	14.01	31.1	ng	5784740	5	14.20	3714690	20.0
Eicosane	15.36	59.0	ng	4076780	6	15.71	1382770	20.0
Tridecane, 1-iodo-	16.21	28.6	ng	1977470	6	15.71	1382770	20.0
unknown16.26	16.26	51.3	ng	3546200	6	15.71	1382770	20.0
Cholestan-3-ol, (...)	16.45	23.0	ng	1592260	6	15.71	1382770	20.0
Cholestan-3-one	16.67	18.8	ng	1301510	6	15.71	1382770	20.0
3-Octadecene, (E)-	17.45	22.6	ng	1564840	6	15.71	1382770	20.0
Ergostanol	17.62	22.8	ng	1576010	6	15.71	1382770	20.0
.gamma.-Sitosterol	17.88	111.0	ng	7673640	6	15.71	1382770	20.0
Stigmastanol	17.97	22.8	ng	1578950	6	15.71	1382770	20.0
1H-3a,7-Methanoaz...	18.22	34.1	ng	2361240	6	15.71	1382770	20.0
.beta.-Amyrin	18.36	38.1	ng	2635020	6	15.71	1382770	20.0
(-)-Neoclovene-(I...	18.48	29.0	ng	2003520	6	15.71	1382770	20.0
Caparratriene	18.73	45.1	ng	3117930	6	15.71	1382770	20.0
Stigmast-4-en-3-one	18.96	30.5	ng	2109040	6	15.71	1382770	20.0