

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090359.D
 Acq On : 4 Oct 2016 23:12
 Operator : UM/SJ
 Sample : H4869-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-03

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	5.206	249	251	254	rBV	901390	1084315	10.63%	0.710%
2	5.617	284	287	289	rBV	5282977	4833839	47.37%	3.166%
3	5.834	304	306	312	rVB2	263076	365836	3.59%	0.240%
4	6.292	344	346	349	rBV	193733	201186	1.97%	0.132%
5	6.635	373	376	378	rVV	3945921	4982565	48.83%	3.264%
6	6.783	386	389	391	rVV	3499209	4778492	46.83%	3.130%
7	7.012	407	409	411	rBV	1539041	1244210	12.19%	0.815%
8	7.172	421	423	425	rVB	4214118	3799962	37.24%	2.489%
9	7.412	442	444	446	rVB	740653	594094	5.82%	0.389%
10	7.572	454	458	460	rBV2	3486969	3690715	36.17%	2.417%
11	8.303	519	522	524	rBV	1265665	1490628	14.61%	0.976%
12	8.920	573	576	578	rVB3	125853	193992	1.90%	0.127%
13	9.069	586	589	591	rVB2	155694	295267	2.89%	0.193%
14	9.378	613	616	618	rVB	5505471	4787484	46.92%	3.136%
15	9.435	618	621	624	rVV2	122690	237886	2.33%	0.156%
16	9.503	624	627	631	rVB3	94481	194399	1.91%	0.127%
17	9.721	642	646	648	rBV3	454996	540166	5.29%	0.354%
18	9.766	648	650	653	rVV	2108736	1790961	17.55%	1.173%
19	9.915	661	663	664	rBV	400919	423939	4.15%	0.278%
20	9.972	666	668	672	rVB3	148062	249128	2.44%	0.163%
21	10.052	673	675	677	rBV	1177844	1586039	15.54%	1.039%
22	10.086	677	678	682	rVB	212053	217036	2.13%	0.142%
23	10.178	684	686	688	rBV3	255488	273017	2.68%	0.179%
24	10.841	742	744	746	rVV2	2337629	2986576	29.27%	1.956%
25	10.978	753	756	759	rBV2	462355	821559	8.05%	0.538%
26	11.024	759	760	762	rBV	377953	517805	5.07%	0.339%
27	11.058	762	763	765	rVV2	465940	541377	5.31%	0.355%
28	11.092	765	766	767	rVV	662386	548042	5.37%	0.359%
29	11.115	767	768	770	rVV2	261170	292190	2.86%	0.191%
30	11.161	770	772	774	rVV3	227477	471460	4.62%	0.309%
31	11.206	774	776	778	rVB2	715214	770839	7.55%	0.505%
32	11.241	778	779	782	rBV2	430914	668468	6.55%	0.438%
33	11.286	782	783	785	rVB	387870	279823	2.74%	0.183%
34	11.412	792	794	799	rBV2	155455	292800	2.87%	0.192%

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35	11.549	803	806	807	rBV	1965924	1757835	17.23%	1.151%
36	11.572	807	808	814	rVB2	322815	623406	6.11%	0.408%
37	11.721	819	821	823	rBV	142316	228379	2.24%	0.150%
38	11.766	823	825	829	rVB2	404395	390457	3.83%	0.256%
39	11.926	837	839	841	rBV2	92462	243744	2.39%	0.160%
40	12.006	844	846	848	rBV2	616236	909606	8.91%	0.596%
41	12.075	850	852	855	rBV	1813755	1922978	18.85%	1.260%
42	12.246	864	867	870	rBV4	350819	627159	6.15%	0.411%
43	12.441	882	884	886	rVB	146300	175935	1.72%	0.115%
44	12.498	886	889	891	rBV3	211135	335771	3.29%	0.220%
45	12.601	895	898	899	rBV2	107095	181294	1.78%	0.119%
46	12.647	899	902	904	rVB4	166040	366307	3.59%	0.240%
47	12.807	910	916	919	rBV3	2867308	4821545	47.25%	3.158%
48	12.864	919	921	924	rBV	1031528	964519	9.45%	0.632%
49	13.012	931	934	937	rVB2	207777	441362	4.33%	0.289%
50	13.104	940	942	943	rBV2	125982	184386	1.81%	0.121%
51	13.138	943	945	948	rBV	5221617	5592534	54.81%	3.663%
52	13.447	971	972	975	rVB3	226120	292876	2.87%	0.192%
53	13.504	975	977	978	rBV2	175129	210692	2.06%	0.138%
54	13.572	982	983	984	rVV	769470	735885	7.21%	0.482%
55	13.607	984	986	988	rVV3	609116	1199891	11.76%	0.786%
56	13.652	988	990	994	rVV3	1051909	2496929	24.47%	1.635%
57	13.721	994	996	997	rVV2	376457	597504	5.86%	0.391%
58	13.755	997	999	1000	rVV	442300	552083	5.41%	0.362%
59	13.790	1000	1002	1004	rVB2	339504	368526	3.61%	0.241%
60	13.835	1004	1006	1008	rBV3	271790	347406	3.40%	0.228%
61	13.881	1008	1010	1011	rVV	979224	1116182	10.94%	0.731%
62	13.915	1011	1013	1015	rVV	1717266	2178622	21.35%	1.427%
63	14.007	1017	1021	1027	rVV3	4707834	10203403	100.00%	6.683%
64	14.121	1030	1031	1034	rVV2	483715	729661	7.15%	0.478%
65	14.201	1034	1038	1039	rVV2	2271446	4597338	45.06%	3.011%
66	14.258	1042	1043	1047	rVV3	768692	1393866	13.66%	0.913%
67	14.384	1051	1054	1057	rVV3	715559	1386112	13.58%	0.908%
68	14.487	1061	1063	1065	rBV3	222211	280805	2.75%	0.184%
69	14.681	1077	1080	1082	rBV	3836347	4393405	43.06%	2.878%
70	14.898	1097	1099	1102	rVB	742188	911204	8.93%	0.597%
71	15.070	1112	1114	1117	rVB	728600	1013693	9.93%	0.664%

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72	15.355	1136	1139	1144	rBV2	2264564	4822640	47.27%	3.159%
73	15.618	1160	1162	1167	rVB2	280207	654201	6.41%	0.429%
74	15.710	1167	1170	1172	rVV	1107175	1315775	12.90%	0.862%
75	15.755	1172	1174	1176	rVB	136702	181394	1.78%	0.119%
76	15.961	1190	1192	1194	rBV	245488	427542	4.19%	0.280%
77	16.087	1201	1203	1207	rVB2	213098	403771	3.96%	0.264%
78	16.213	1211	1214	1216	rBV	1154624	1949282	19.10%	1.277%
79	16.258	1216	1218	1223	rVB	1939155	3249110	31.84%	2.128%
80	16.453	1232	1235	1237	rBV2	1361857	2264663	22.20%	1.483%
81	16.670	1248	1254	1256	rBV3	712727	1812194	17.76%	1.187%
82	16.715	1256	1258	1264	rVB2	324712	728990	7.14%	0.477%
83	17.058	1285	1288	1291	rBV	308925	685623	6.72%	0.449%
84	17.230	1300	1303	1304	rBV2	195931	384282	3.77%	0.252%
85	17.276	1305	1307	1313	rVB3	436106	1273111	12.48%	0.834%
86	17.378	1313	1316	1318	rBV	318265	689246	6.76%	0.451%
87	17.436	1318	1321	1328	rVB3	531881	2012224	19.72%	1.318%
88	17.618	1333	1337	1341	rVV5	757918	2244668	22.00%	1.470%
89	17.687	1341	1343	1346	rVB	203670	319128	3.13%	0.209%
90	17.893	1355	1361	1364	rBV	2951245	8470200	83.01%	5.548%
91	18.110	1377	1380	1385	rVB2	595521	1506808	14.77%	0.987%
92	18.224	1386	1390	1393	rBV2	912746	2481028	24.32%	1.625%
93	18.361	1399	1402	1409	rVB	888830	2710031	26.56%	1.775%
94	18.487	1409	1413	1418	rVB3	744679	2296347	22.51%	1.504%
95	18.624	1422	1425	1429	rVB3	357400	1030182	10.10%	0.675%
96	18.739	1429	1435	1436	rBV2	972246	2747090	26.92%	1.799%
97	18.876	1444	1447	1450	rBV3	353400	910742	8.93%	0.597%
98	18.967	1450	1455	1461	rVB	1079436	3342790	32.76%	2.190%
99	19.253	1477	1480	1484	rBV3	185771	557400	5.46%	0.365%
100	19.470	1495	1499	1501	rBV2	131536	381462	3.74%	0.250%

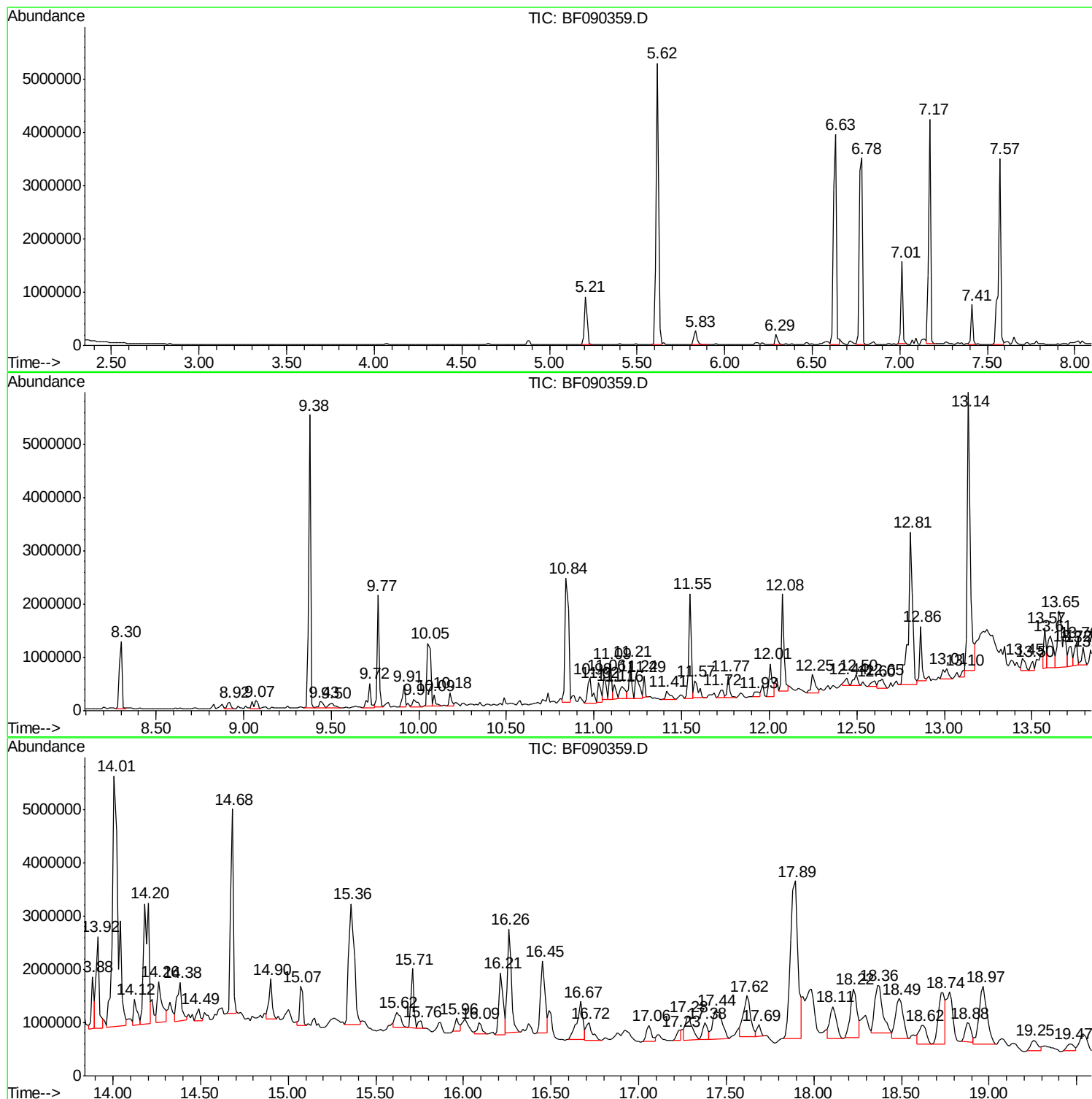
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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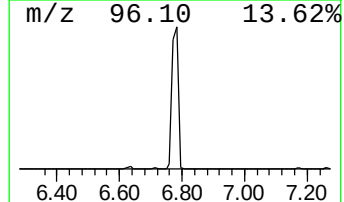
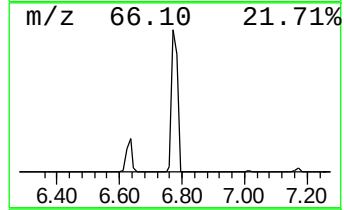
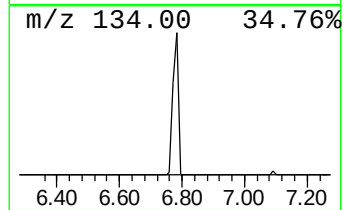
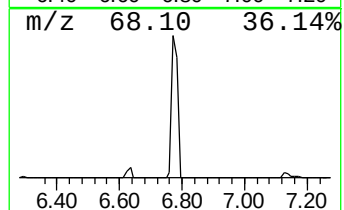
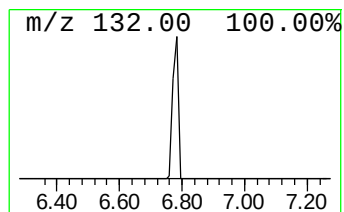
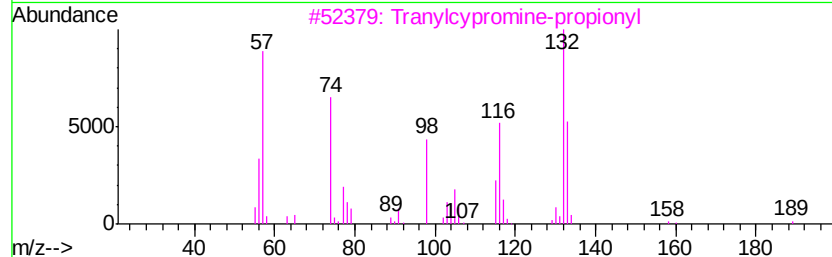
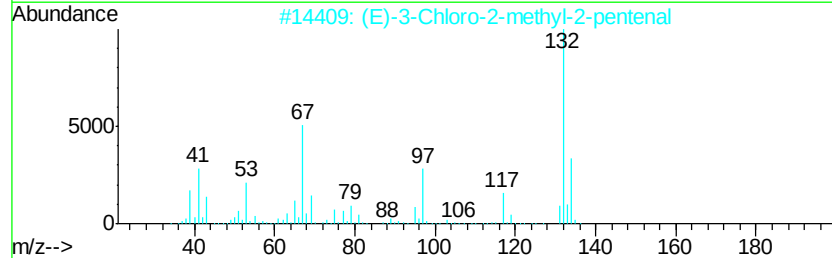
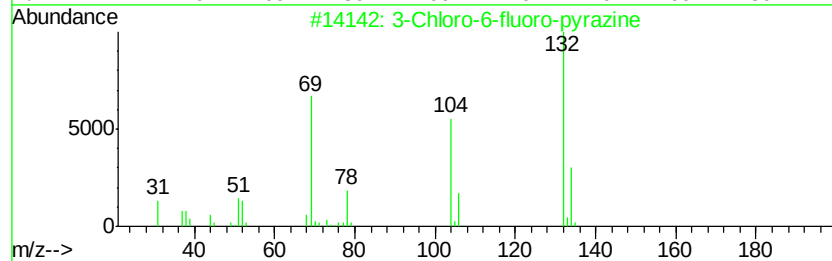
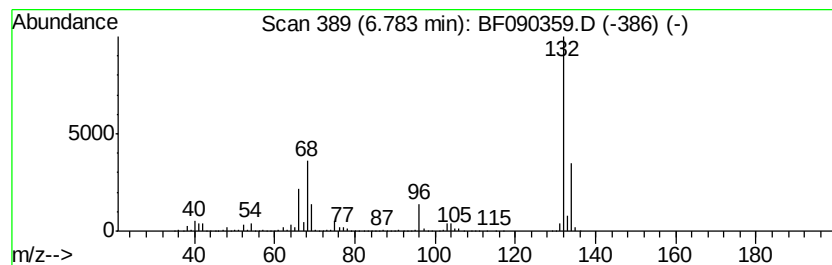
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	76.81 ng	4778490	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	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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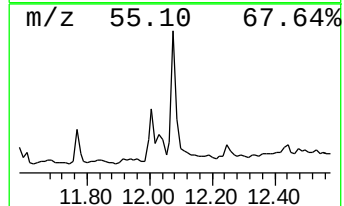
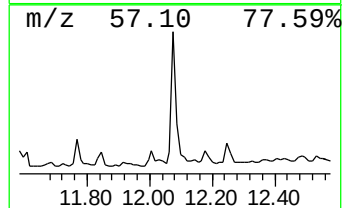
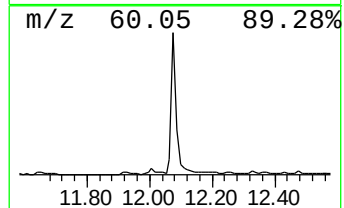
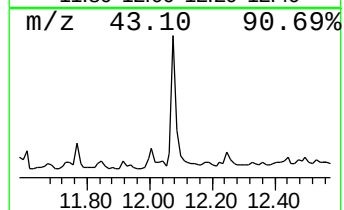
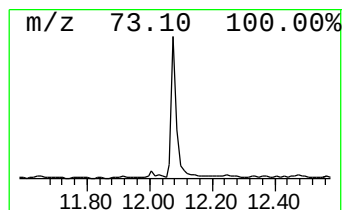
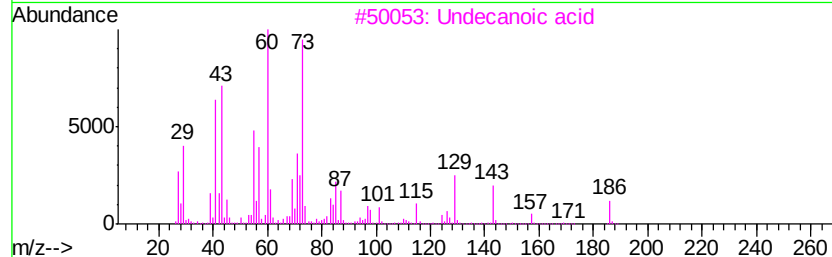
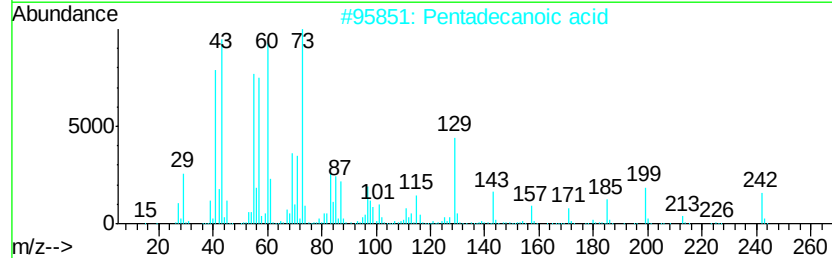
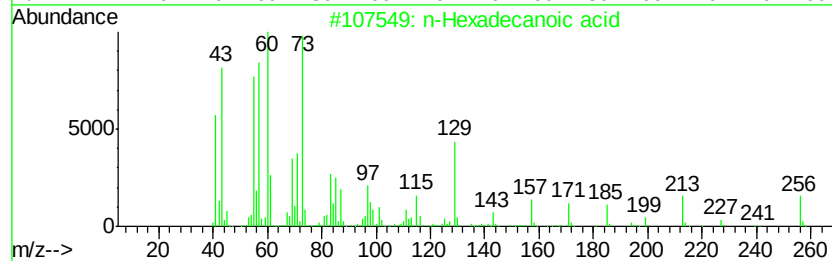
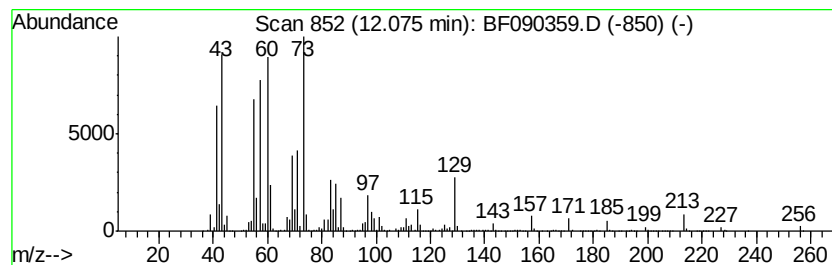
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	21.88 ng	1922980	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
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		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25



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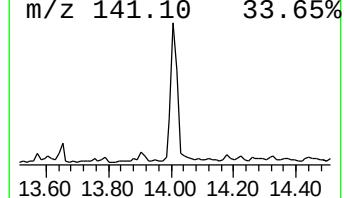
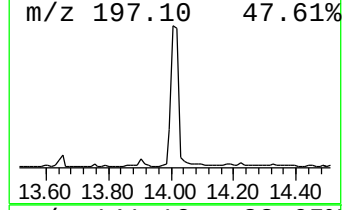
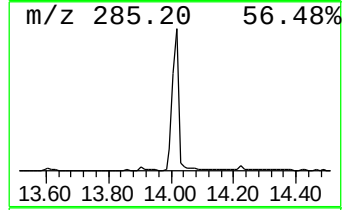
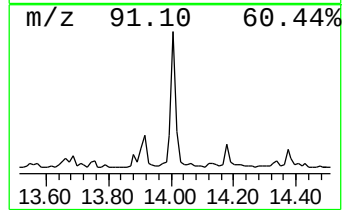
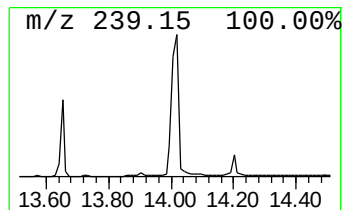
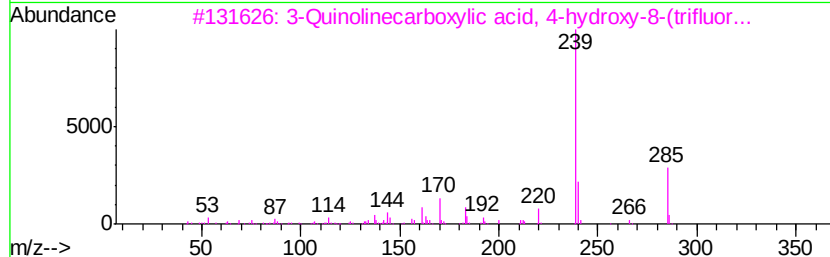
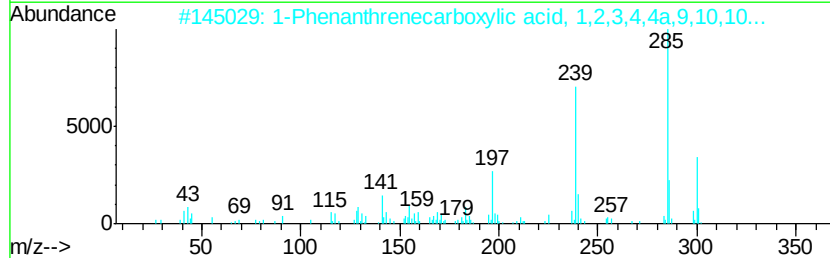
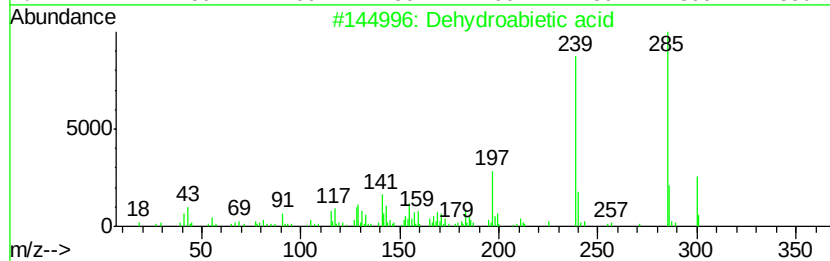
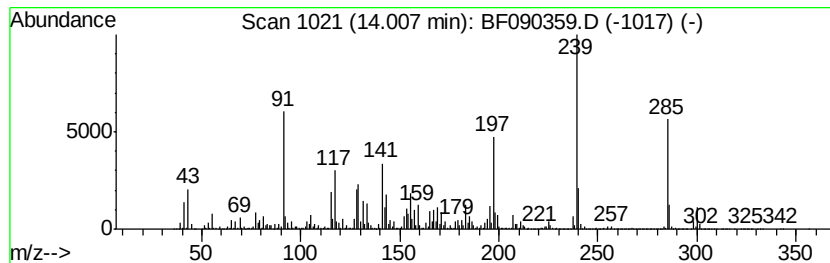
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Dehydroabietic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	44.39 ng	10203400	Chrysene-d12	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2		1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	89
3		3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3N03	023851-84-5	35
4		Imidazolo[2,1-b]thiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	30
5		4-Amino-5-phenylazobenzofurazan	239	C12H9N5O	166766-05-8	27



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Operator : UM/SJ
Sample : H4869-03
Misc :
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ClientSampleId :
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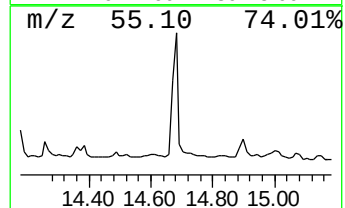
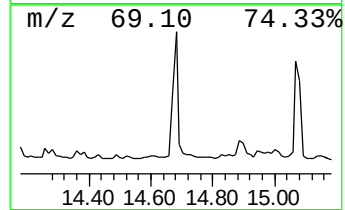
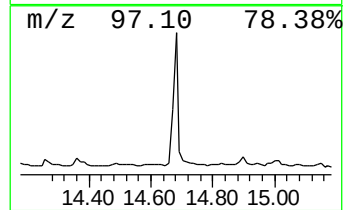
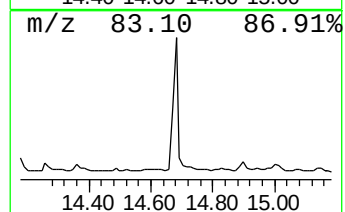
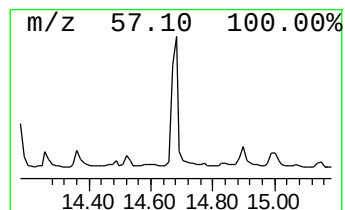
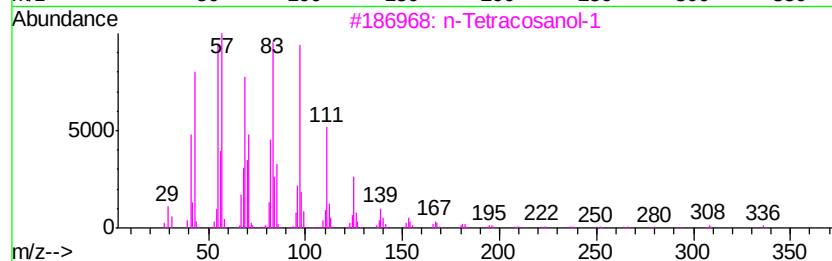
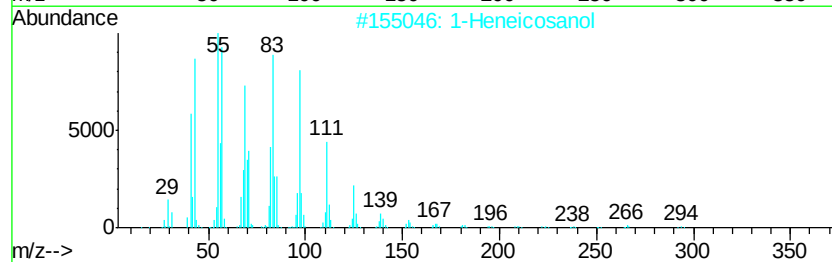
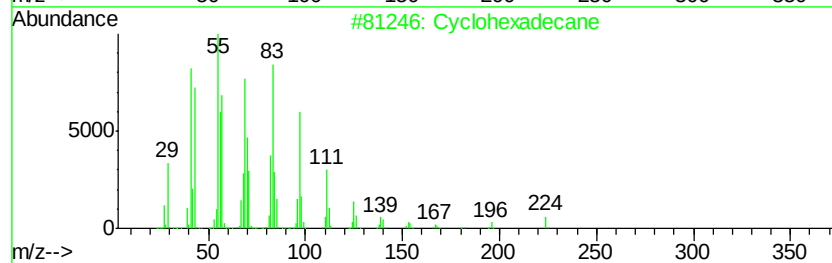
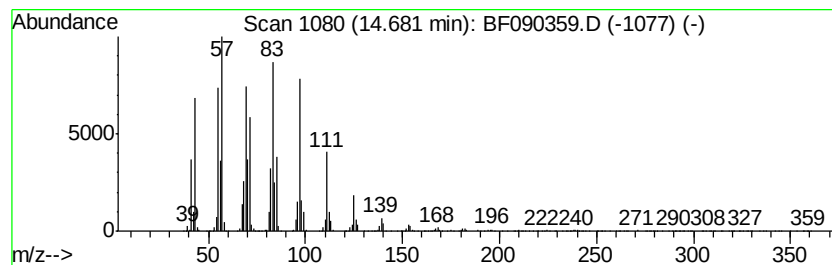
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	19.11 ng	4393410	Chrysene-d12	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4		Behenic alcohol	326	C22H46O	000661-19-8	93
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
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Acq On : 4 Oct 2016 23:12
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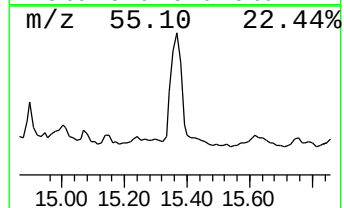
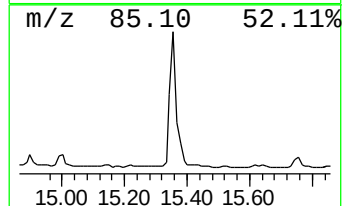
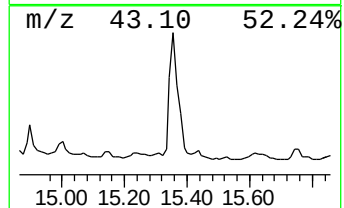
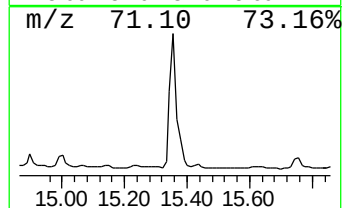
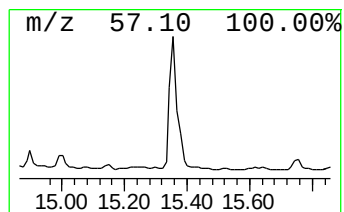
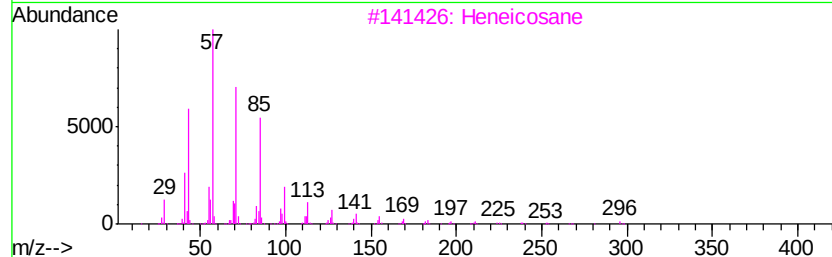
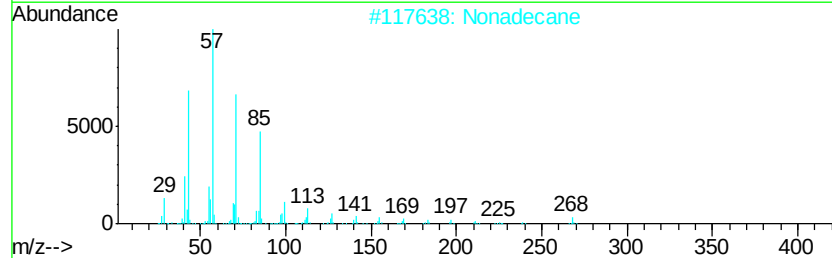
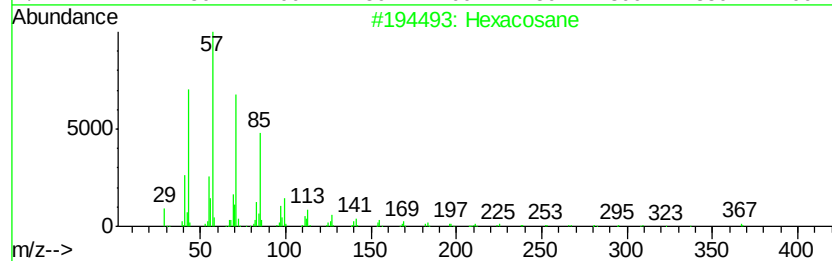
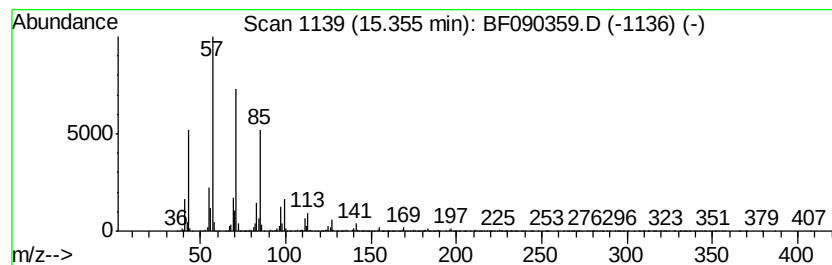
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	73.30 ng	4822640	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Nonadecane	268	C19H40	000629-92-5	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090359.D
Acq On : 4 Oct 2016 23:12
Operator : UM/SJ
Sample : H4869-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

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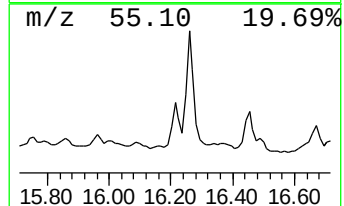
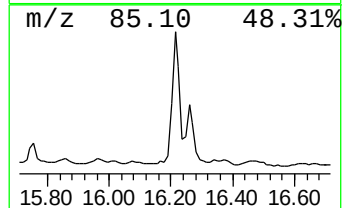
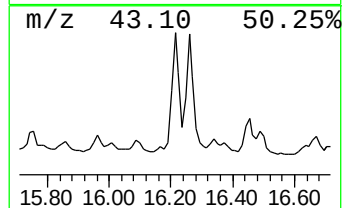
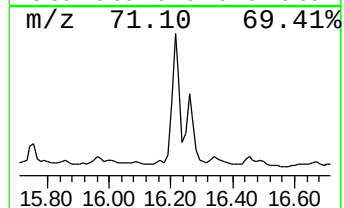
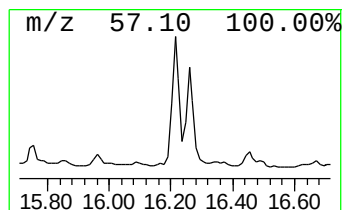
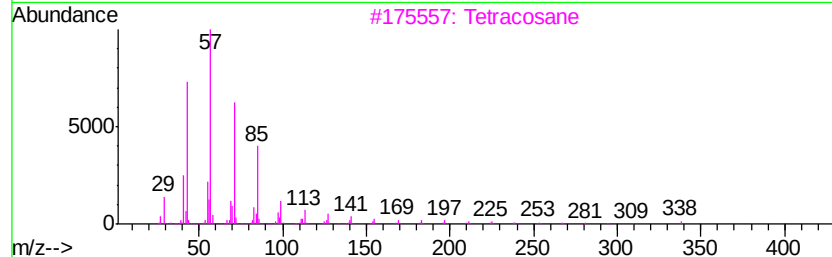
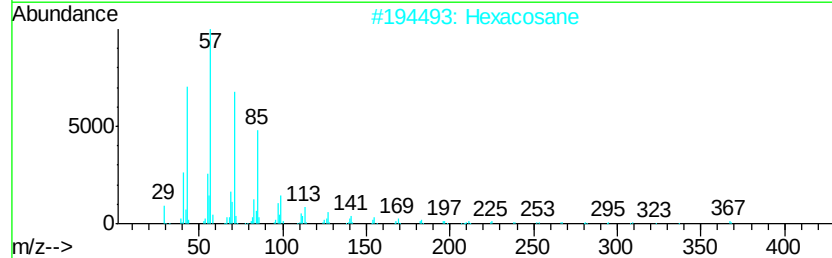
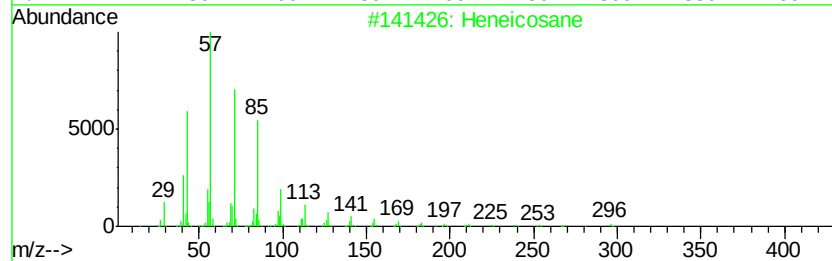
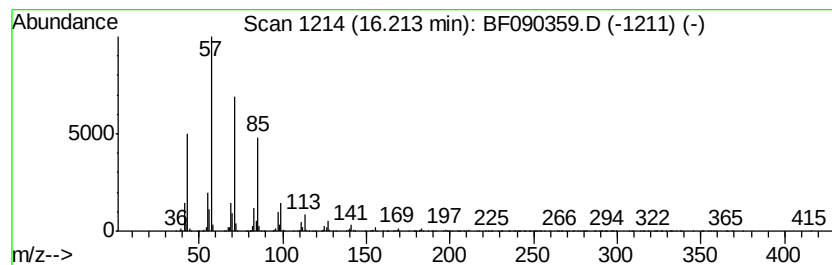
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	29.63 ng	1949280	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Tetracosane	338	C24H50	000646-31-1	86
4		Hentriacontane	437	C31H64	000630-04-6	83
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090359.D
Acq On : 4 Oct 2016 23:12
Operator : UM/SJ
Sample : H4869-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

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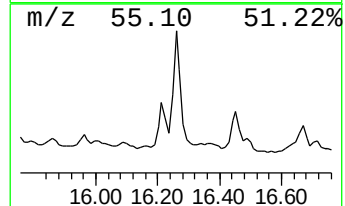
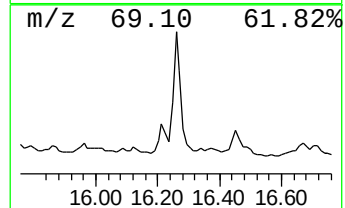
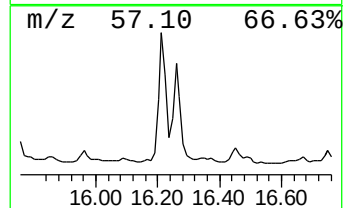
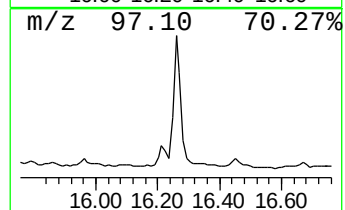
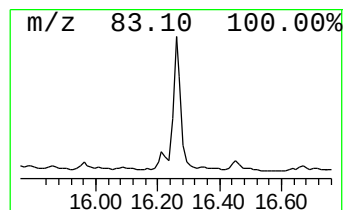
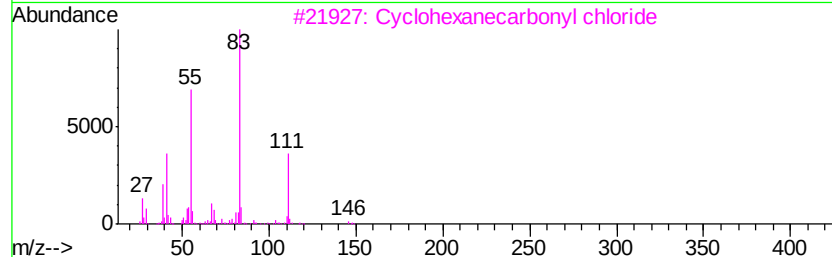
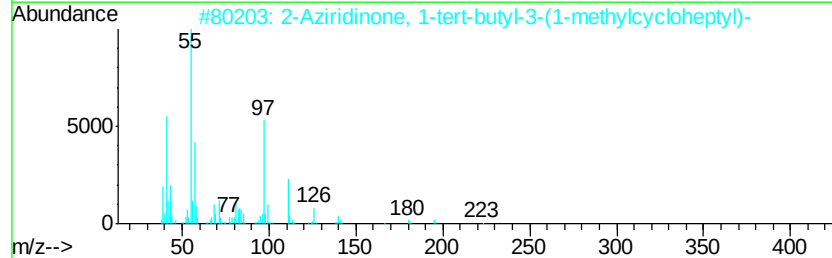
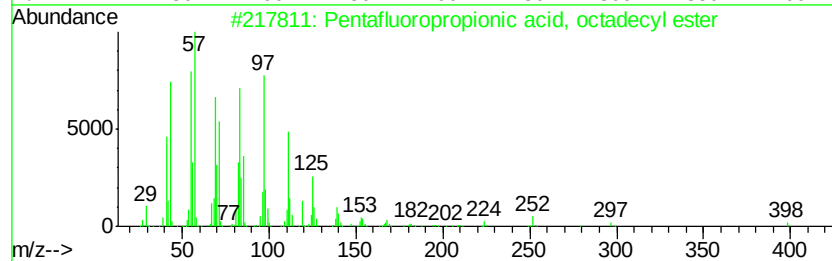
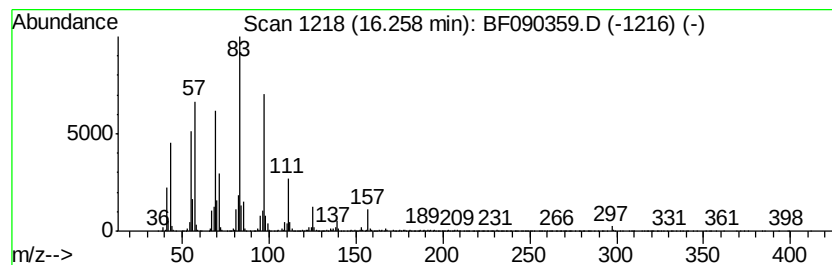
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown16.26 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	49.39 ng	3249110	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	46
2		2-Aziridinone, 1-tert-butyl-3-(1...	223	C14H25NO	026944-18-3	46
3		Cyclohexanecarbonyl chloride	146	C7H11ClO	002719-27-9	45
4		1-Heptacosanol	396	C27H56O	002004-39-9	45
5		Fumaric acid, nonadecyl 2,2,3,3,...	596	C28H44F8O4	1000348-79-5	38



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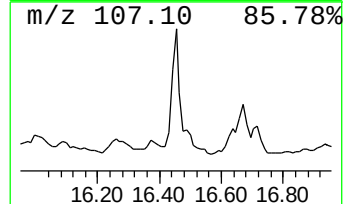
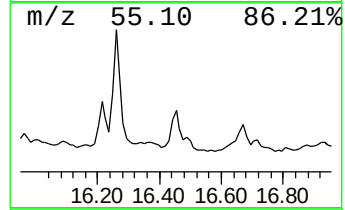
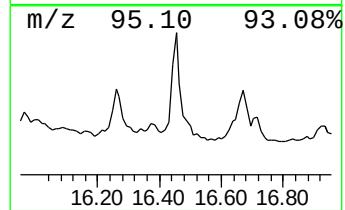
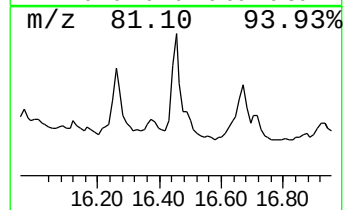
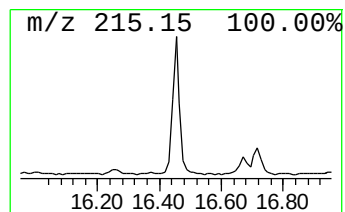
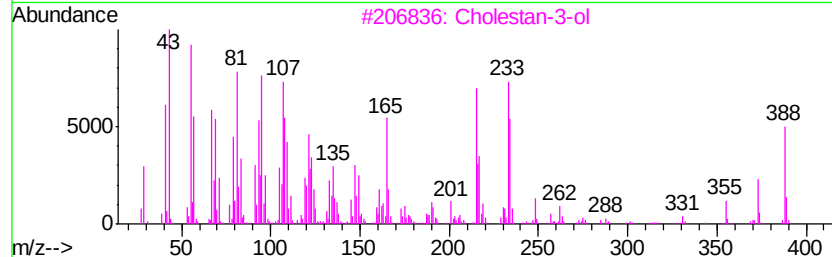
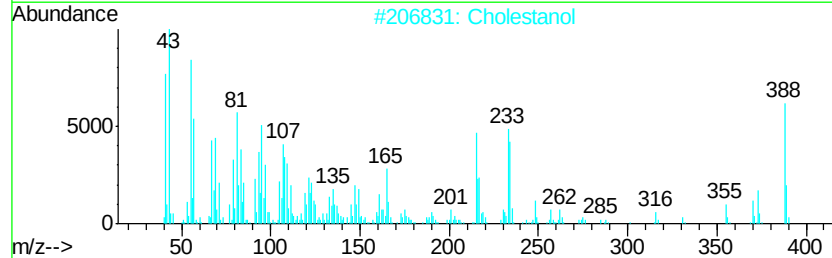
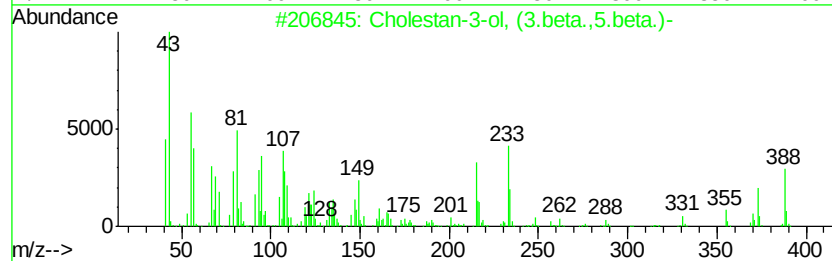
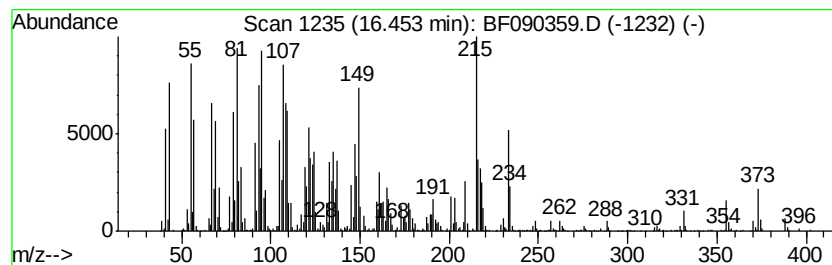
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Cholestan-3-ol, (3.beta.,5.... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	34.42 ng	2264660	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	93
2		Cholestanol	388	C27H48O	000080-97-7	78
3		Cholestan-3-ol	388	C27H48O	027409-41-2	64
4		Sesquirosefuran	218	C15H22O	039007-93-7	49
5		Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	47



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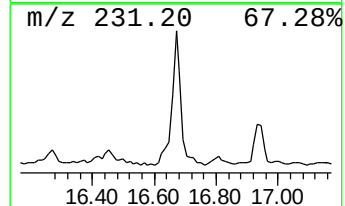
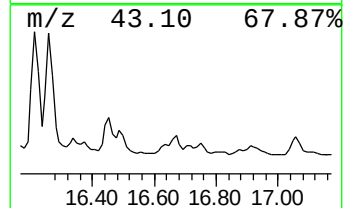
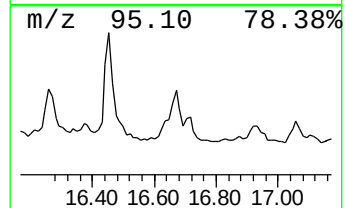
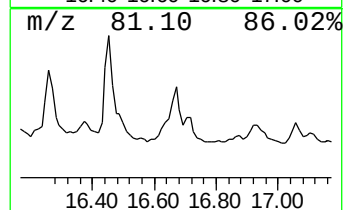
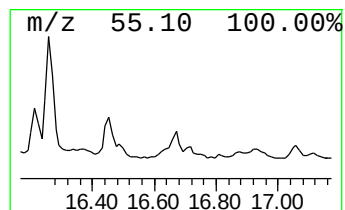
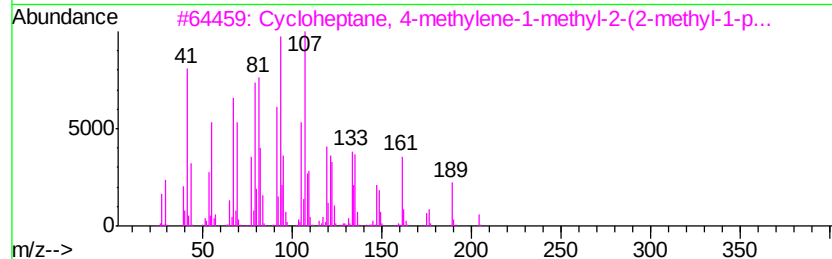
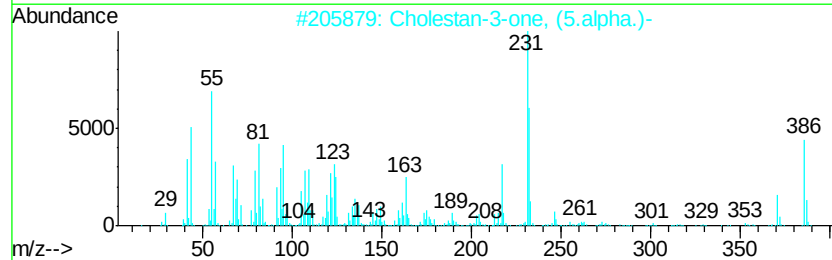
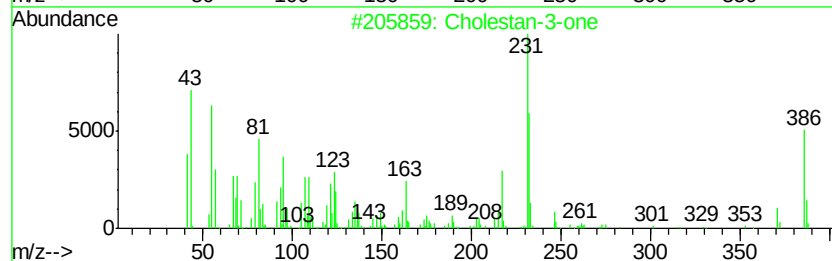
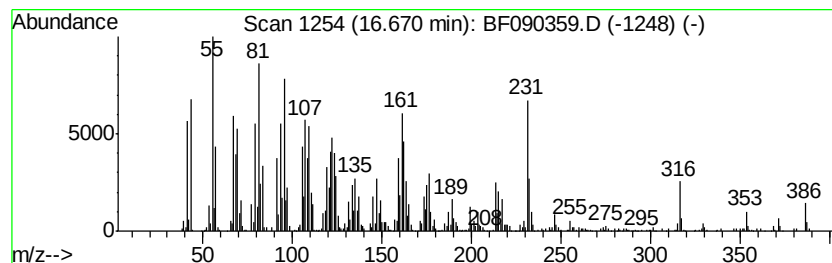
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cholestan-3-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	27.55 ng	1812190	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholestan-3-one	386	C27H46O	015600-08-5	96
2		Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	92
3		Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	53
4		Cholestane, 4,5-epoxy-, (4.alpha...	386	C27H46O	006079-19-2	50
5		Cholan-24-oic acid, 3-oxo-, meth...	388	C25H40O3	015074-03-0	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
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Acq On : 4 Oct 2016 23:12
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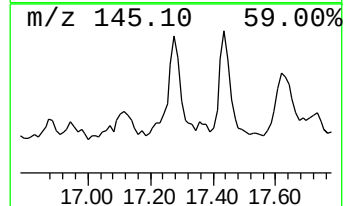
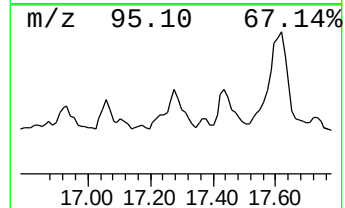
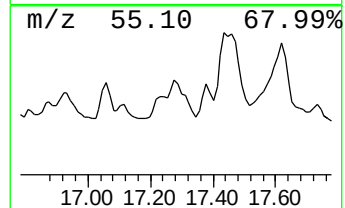
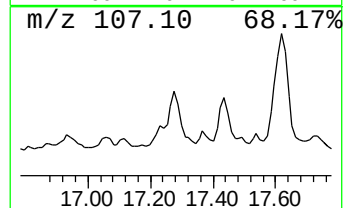
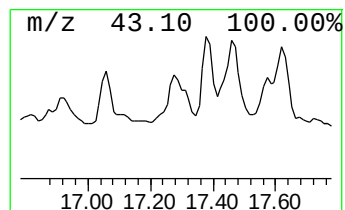
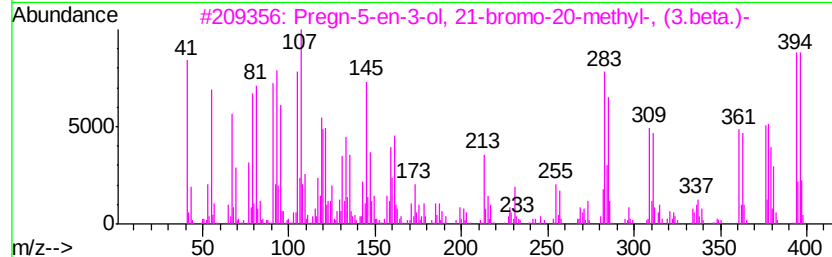
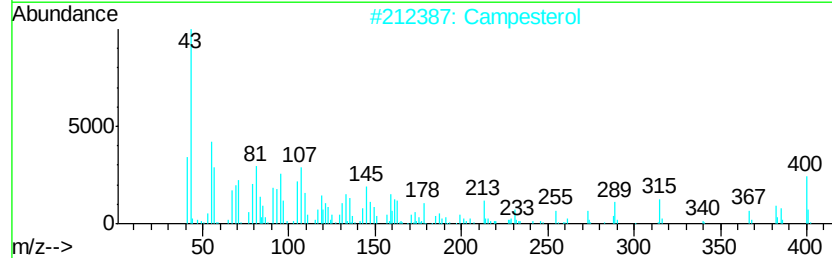
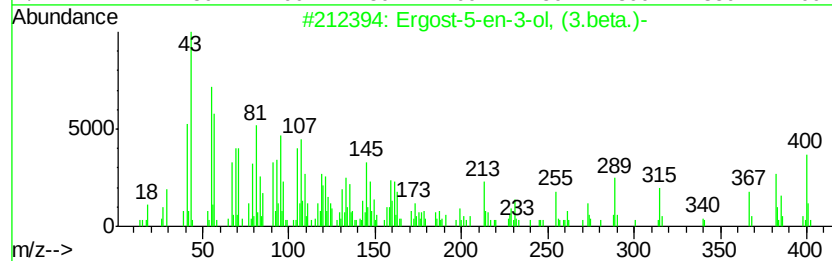
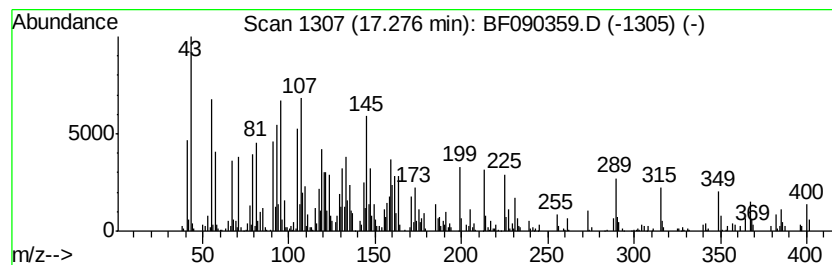
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Ergost-5-en-3-ol, (3.beta.)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	19.35 ng	1273110	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	87
2		Campesterol	400	C28H48O	000474-62-4	86
3		Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	42
4		Isocholesteryl methyl ether	400	C28H48O	029944-53-4	40
5		Cholesta-4,6-dien-3-one	382	C27H42O	000566-93-8	27



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Sample : H4869-03
Misc :
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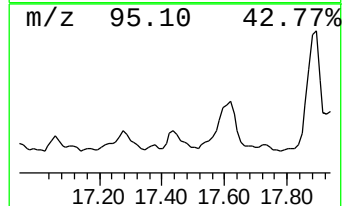
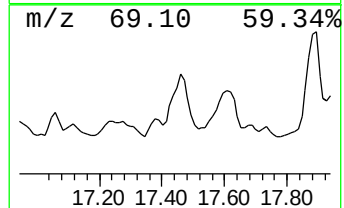
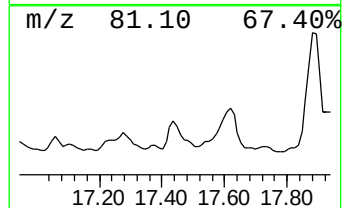
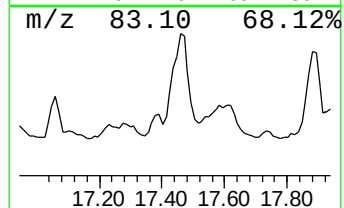
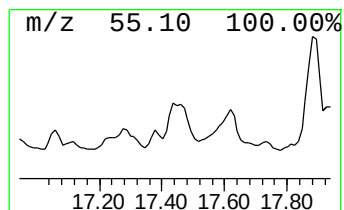
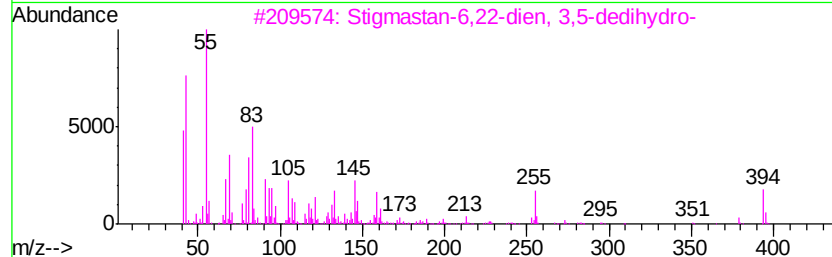
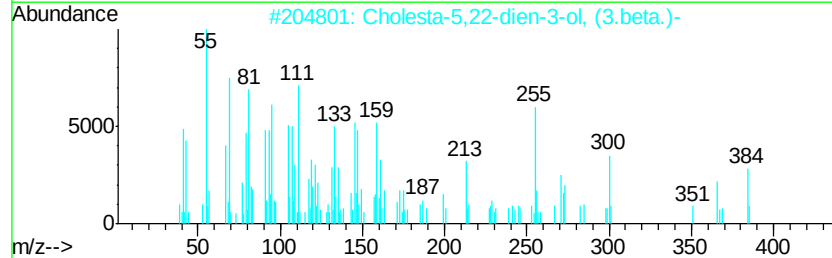
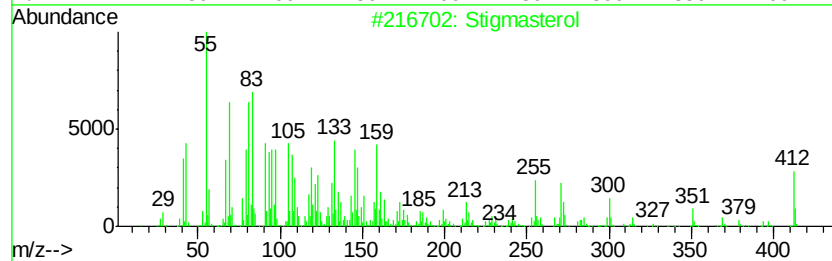
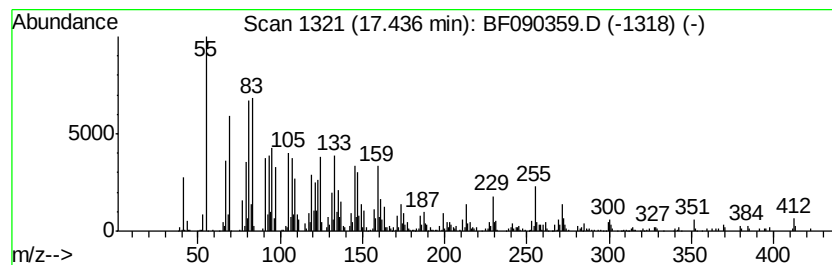
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Stigmasterol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.44	30.59 ng	2012220	Perylene-d12	15.71	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmasterol	412	C29H48O	000083-48-7	96
2	Cholesta-5,22-dien-3-ol, (3.beta.)-	384	C27H44O	092218-20-7	87
3	Stigmastan-6,22-dien, 3,5-dedihy...	394	C29H46	107304-12-1	43
4	Chola-5,22-dien-3-ol, (3.beta.,2...	342	C24H38O	057597-14-5	40
5	Card-20(22)-enolide, 3,5,14,19-t...	406	C23H34O6	000560-54-3	17



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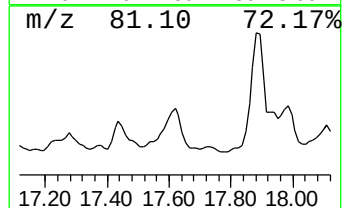
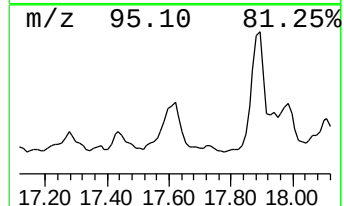
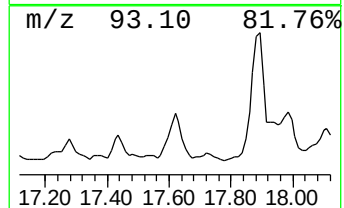
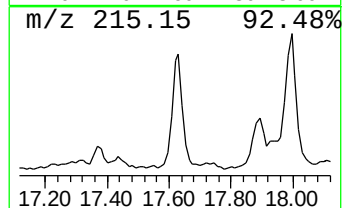
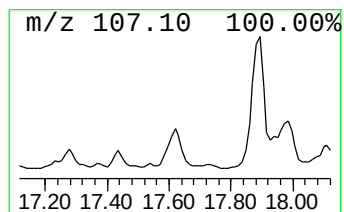
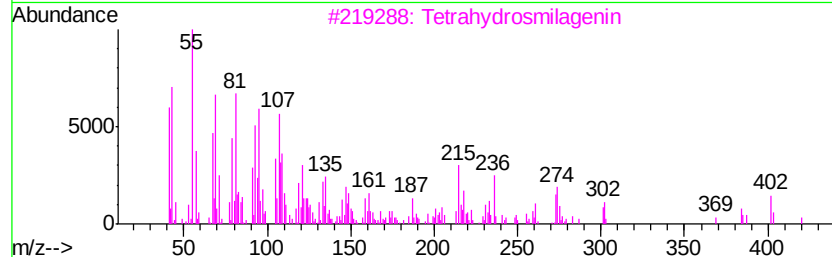
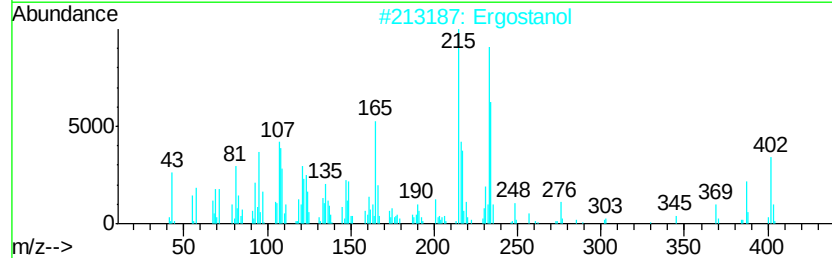
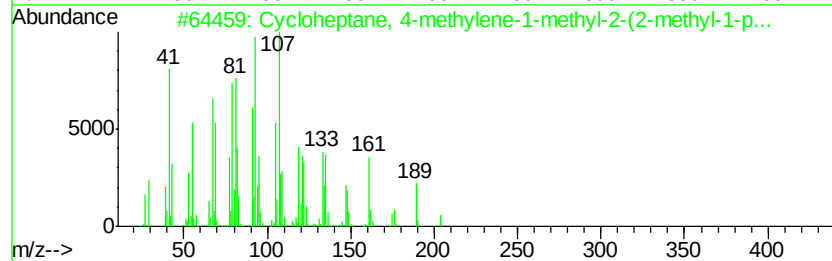
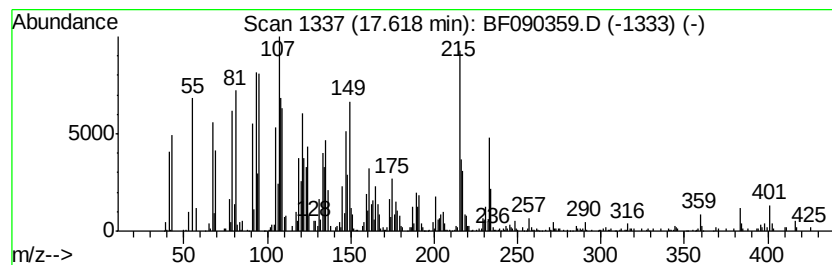
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cycloheptane, 4-methylene-1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	34.12 ng	2244670	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	59
2		Ergostanol	402	C28H50O	006538-02-9	53
3		Tetrahydrosmilagenin	420	C27H48O3	1000255-29-0	38
4		1-Cycloheptene-3-carboxamide, N-...	215	C14H17NO	1000159-24-4	38
5		2,3-Dichlorothiophene-5-sulfonyl...	250	C4HCl3O2S2	126714-85-0	22



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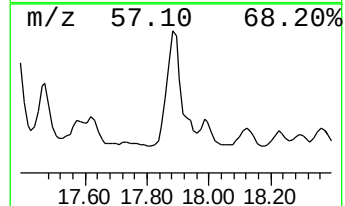
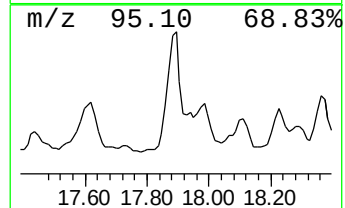
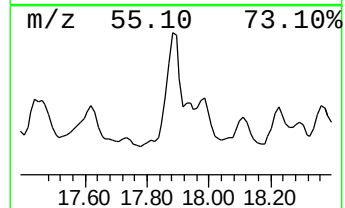
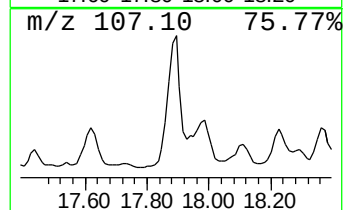
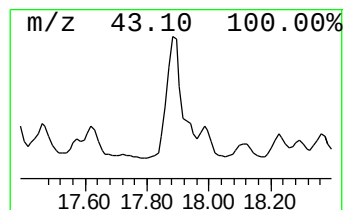
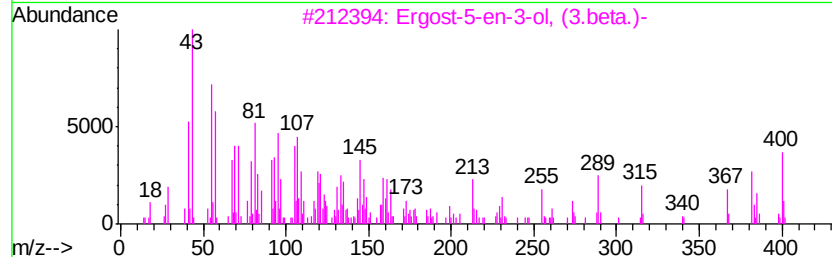
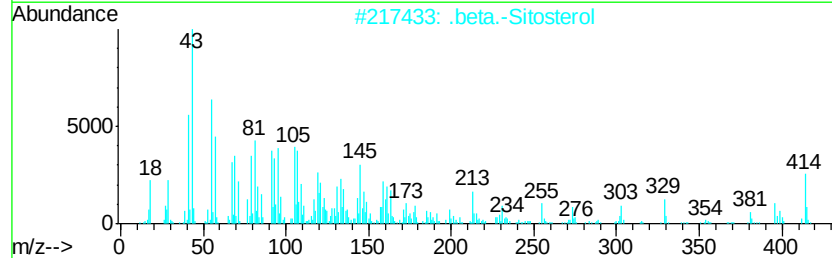
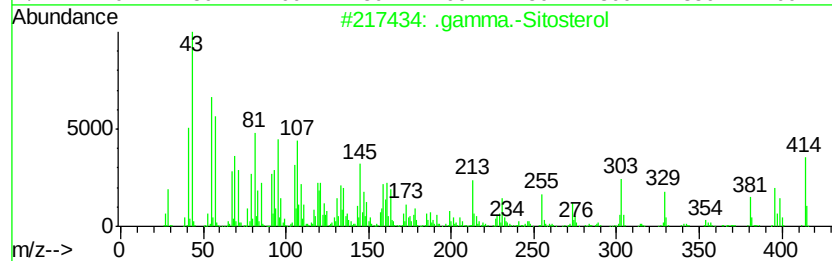
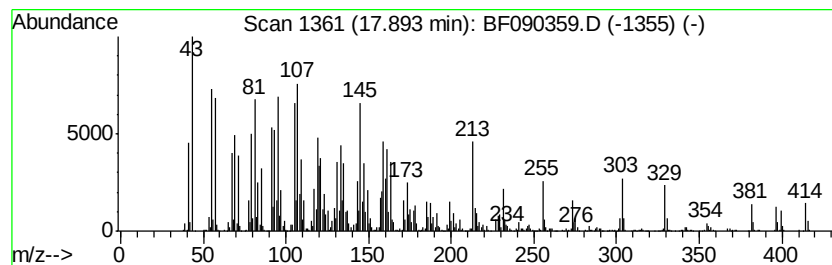
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	128.75 ng	8470200	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	87
4		Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	49
5		1,4-Methanocycloocta[d]pyridazin...	204	C13H20N2	1000221-85-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090359.D
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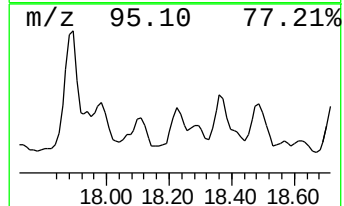
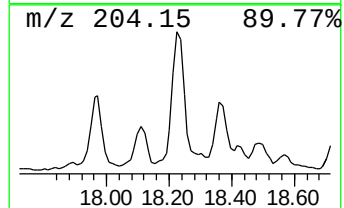
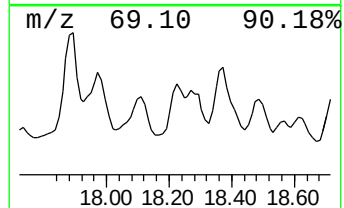
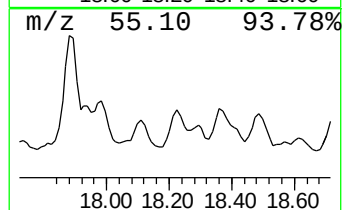
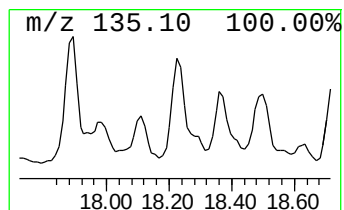
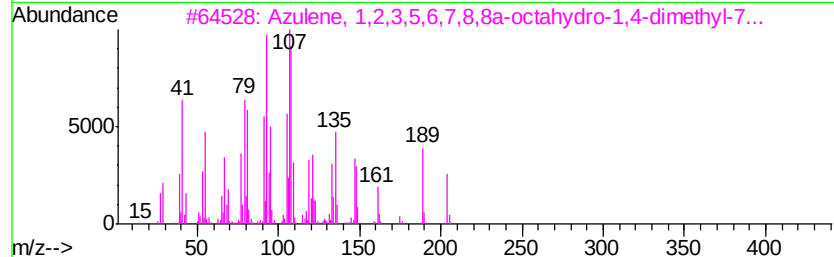
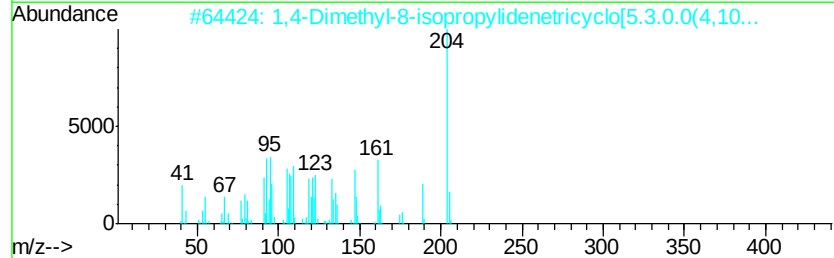
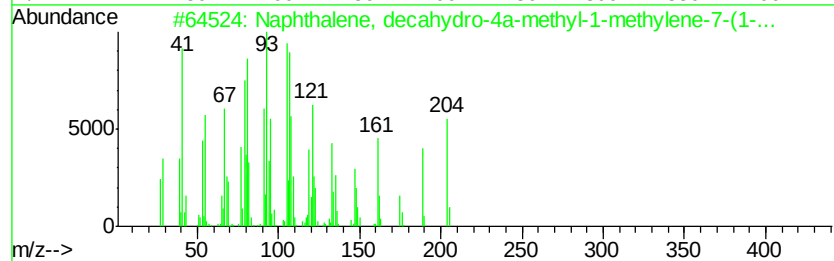
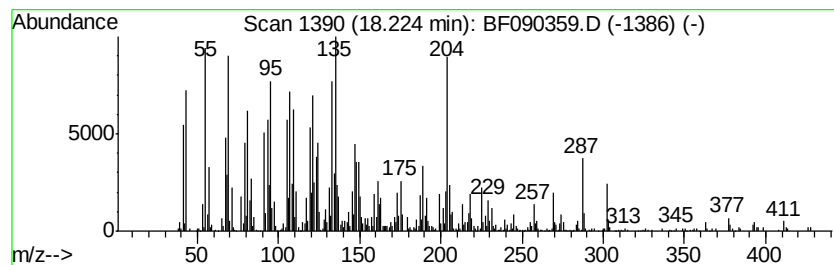
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, decahydro-4a-m... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	37.71 ng	2481030	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	70
2		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	64
3		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	62
4		.alpha.-Guaiene	204	C15H24	003691-12-1	60
5		Aromandendrene	204	C15H24	000489-39-4	56



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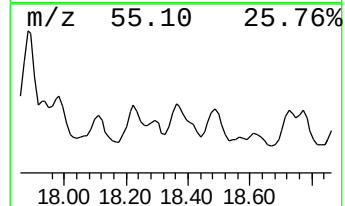
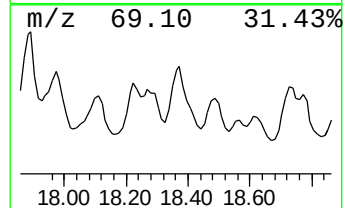
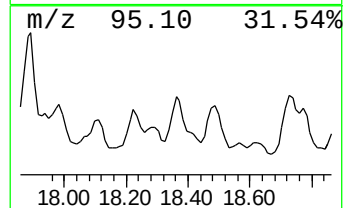
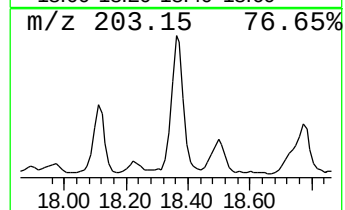
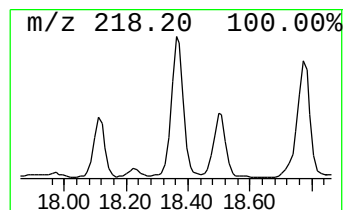
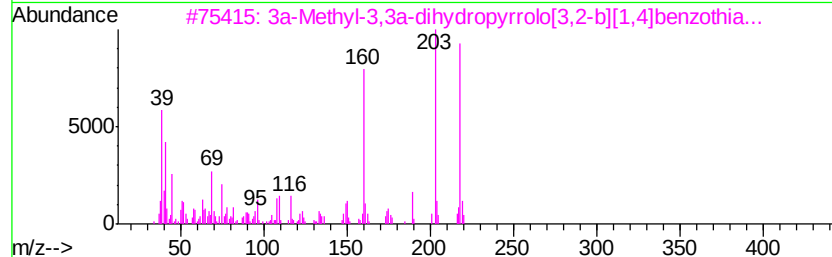
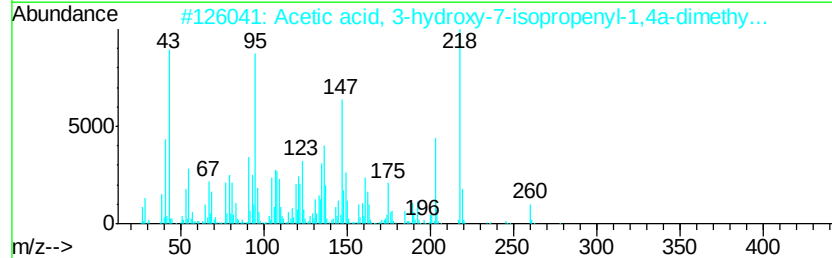
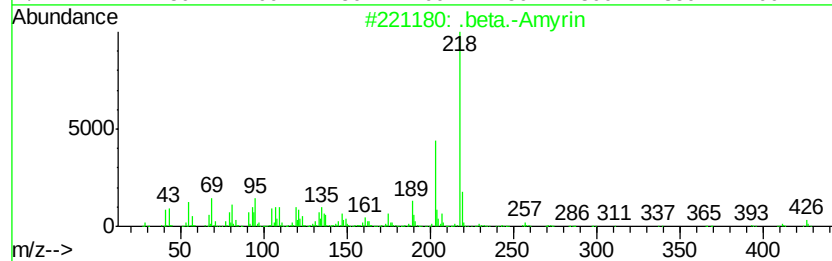
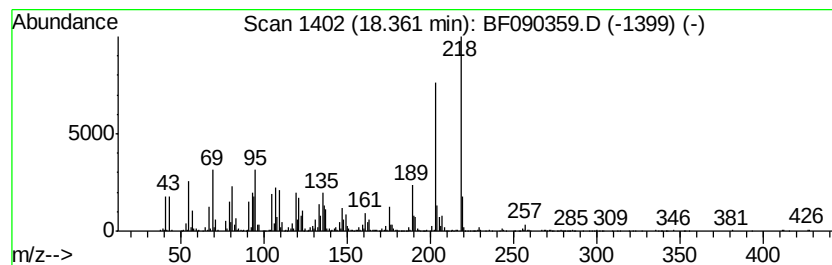
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 .beta.-Amyrin Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	41.19 ng	2710030	Perylene-d12	15.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Amyrin	426 C30H500	000559-70-6 81
2		Acetic acid, 3-hydroxy-7-isoprop...	278 C17H26O3	1000187-37-6 70
3		3a-Methyl-3,3a-dihydropyrrolo[3,...	218 C11H10N2OS	017163-68-7 52
4		.alpha.-Amyrin	426 C30H500	000638-95-9 51
5		4,4,6a,6b,8a,11,11,14b-Octamethy...	424 C30H480	1000194-62-4 50



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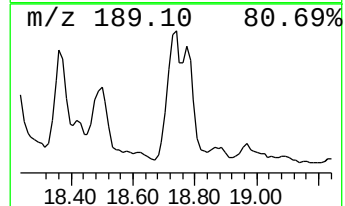
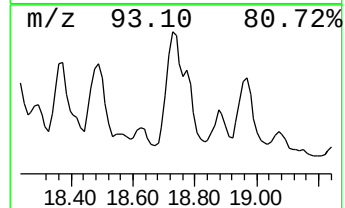
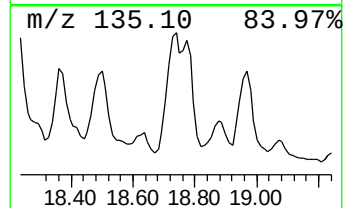
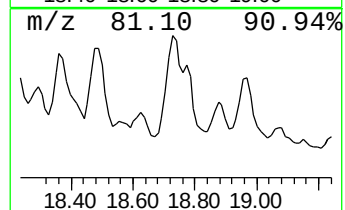
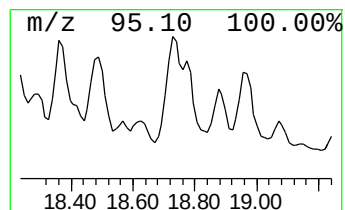
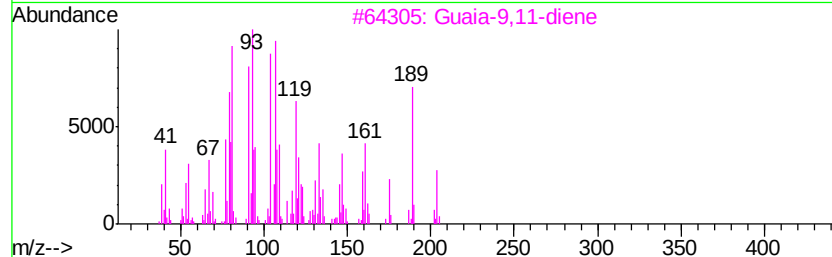
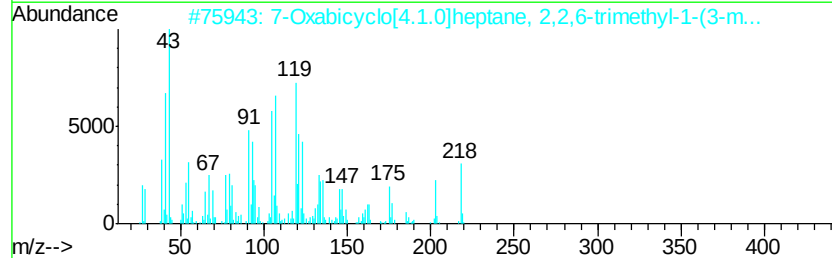
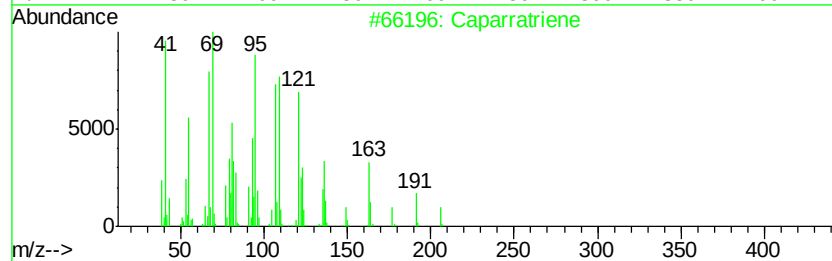
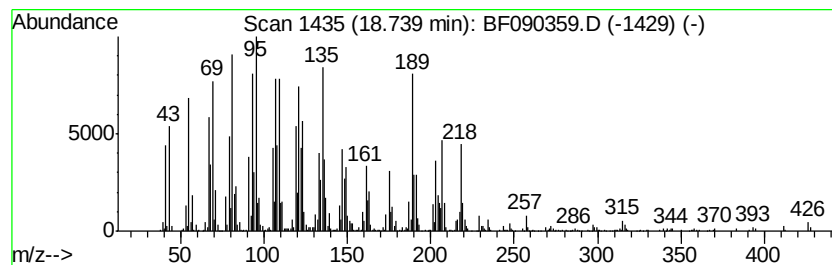
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Caparratriene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	41.76 ng	2747090	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Caparratriene	206	C15H26	1000374-08-7	64
2		7-Oxabicyclo[4.1.0]heptane, 2,2,...	218	C15H22O	070038-20-9	52
3		Guaia-9,11-diene	204	C15H24	1000374-19-8	49
4		(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	45
5		.gamma.-Elemene	204	C15H24	029873-99-2	45



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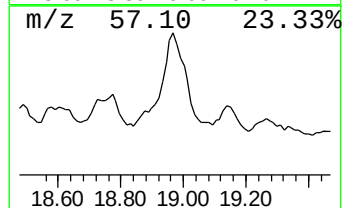
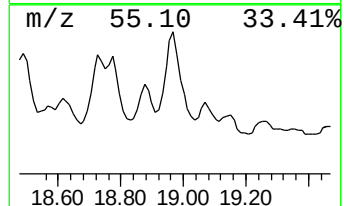
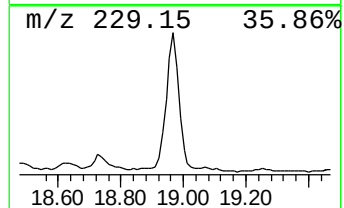
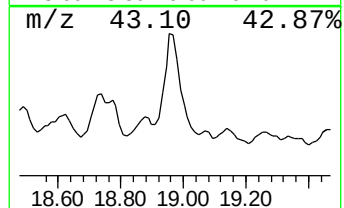
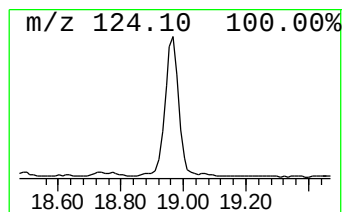
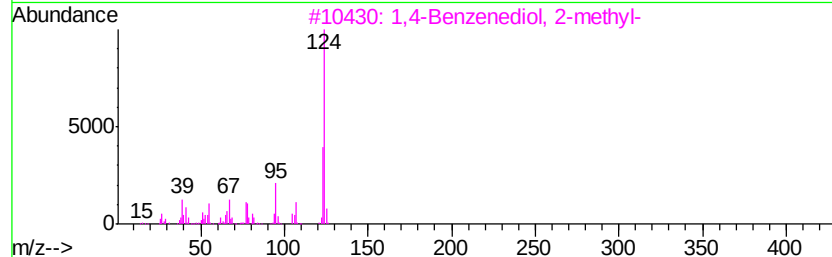
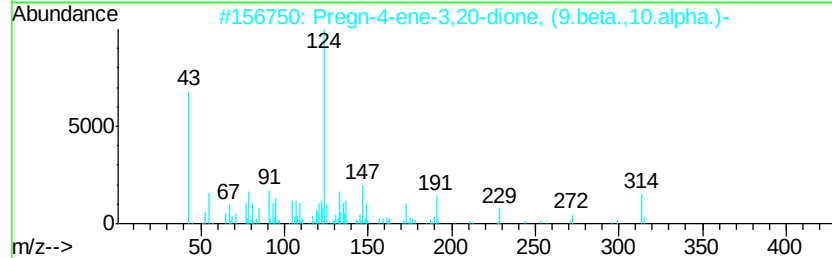
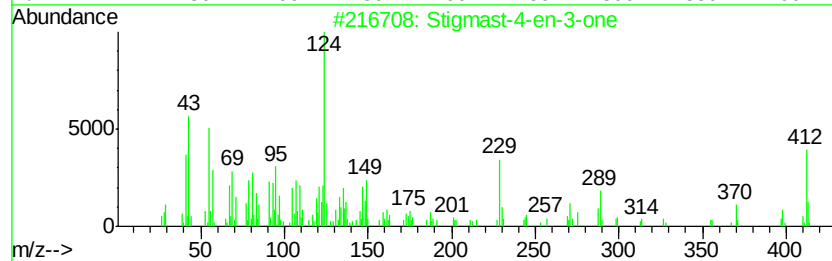
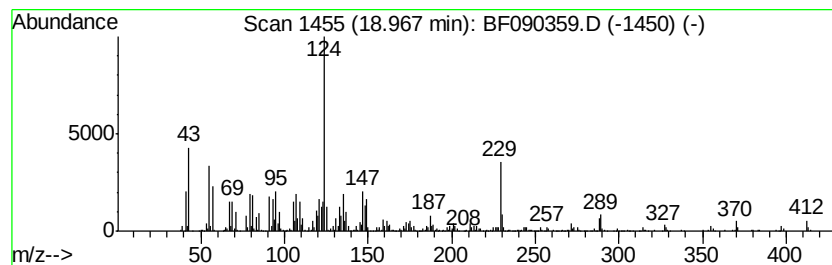
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	50.81 ng	3342790	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	60
2		Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	52
3		1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	49
4		2,5-Furandicarboxaldehyde	124	C6H4O3	000823-82-5	49
5		5-Ethylcyclopent-1-enecarboxalde...	124	C8H12O	036431-60-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090359.D
 Acq On : 4 Oct 2016 23:12
 Operator : UM/SJ
 Sample : H4869-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-03

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
unknown6.78	6.78	76.8	ng	4778490	1	7.01	1244210	20.0
n-Hexadecanoic acid	12.08	21.9	ng	1922980	4	11.55	1757840	20.0
Dehydroabietic acid	14.01	44.4	ng	10203400	5	14.20	4597340	20.0
Cyclohexadecane	14.68	19.1	ng	4393410	5	14.20	4597340	20.0
Hexacosane	15.36	73.3	ng	4822640	6	15.71	1315780	20.0
Heneicosane	16.21	29.6	ng	1949280	6	15.71	1315780	20.0
unknown16.26	16.26	49.4	ng	3249110	6	15.71	1315780	20.0
Cholestan-3-ol, (...)	16.45	34.4	ng	2264660	6	15.71	1315780	20.0
Cholestan-3-one	16.67	27.6	ng	1812190	6	15.71	1315780	20.0
Ergost-5-en-3-ol, ...	17.28	19.4	ng	1273110	6	15.71	1315780	20.0
Stigmasterol	17.44	30.6	ng	2012220	6	15.71	1315780	20.0
Cycloheptane, 4-m...	17.62	34.1	ng	2244670	6	15.71	1315780	20.0
.gamma.-Sitosterol	17.89	128.8	ng	8470200	6	15.71	1315780	20.0
unknown18.11	18.11	22.9	ng	1506810	6	15.71	1315780	20.0
Naphthalene, deca...	18.22	37.7	ng	2481030	6	15.71	1315780	20.0
.beta.-Amyrin	18.36	41.2	ng	2710030	6	15.71	1315780	20.0
4,4,6a,6b,8a,11,1...	18.49	34.9	ng	2296350	6	15.71	1315780	20.0
Caparratriene	18.74	41.8	ng	2747090	6	15.71	1315780	20.0
Stigmast-4-en-3-one	18.97	50.8	ng	3342790	6	15.71	1315780	20.0