

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090420.D
 Acq On : 6 Oct 2016 10:02
 Operator : UM/SJ
 Sample : H4869-03
 Misc :
 ALS Vial : 37 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-BF100516.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	248	251	258	rBV	1241008	1578541	16.23%	0.921%
2	5.617	283	287	289	rBV	5221517	7104556	73.04%	4.146%
3	5.834	304	306	312	rBV	257591	354602	3.65%	0.207%
4	6.280	343	345	348	rBV	254515	262445	2.70%	0.153%
5	6.623	372	375	378	rVV	5416364	6336712	65.14%	3.698%
6	6.771	385	388	390	rVV	7066932	7018004	72.15%	4.096%
7	7.000	406	408	410	rBV	2238484	1847954	19.00%	1.079%
8	7.160	420	422	424	rVB	5959979	5187011	53.32%	3.027%
9	7.400	441	443	446	rVB	848944	815224	8.38%	0.476%
10	7.560	453	457	459	rBV2	3485628	4763902	48.97%	2.780%
11	8.029	497	498	500	rVB	251131	267860	2.75%	0.156%
12	8.292	518	521	523	rBV	2593798	2440507	25.09%	1.424%
13	8.909	572	575	578	rVB3	304227	320364	3.29%	0.187%
14	9.069	585	589	591	rVB	320332	351953	3.62%	0.205%
15	9.366	612	615	617	rVV	6272281	6448807	66.29%	3.764%
16	9.435	617	621	623	rVV2	210638	335447	3.45%	0.196%
17	9.492	623	626	631	rVB4	98554	252374	2.59%	0.147%
18	9.709	641	645	647	rBV	710889	812529	8.35%	0.474%
19	9.766	647	650	652	rVV	2642877	2793362	28.72%	1.630%
20	9.903	660	662	663	rBV	795248	671796	6.91%	0.392%
21	9.960	666	667	672	rVB2	163784	307359	3.16%	0.179%
22	10.052	672	675	676	rBV	3089902	2674529	27.49%	1.561%
23	10.075	676	677	681	rVB2	221558	306020	3.15%	0.179%
24	10.177	684	686	687	rBV	236200	315989	3.25%	0.184%
25	10.486	709	713	714	rBV	164922	256833	2.64%	0.150%
26	10.840	741	744	746	rVV	4163198	4000804	41.13%	2.335%
27	10.966	752	755	758	rBV2	524038	991894	10.20%	0.579%
28	11.023	758	760	761	rBV	719400	632991	6.51%	0.369%
29	11.058	761	763	764	rVV	634249	770681	7.92%	0.450%
30	11.092	764	766	769	rVV2	633328	1143751	11.76%	0.668%
31	11.172	769	773	774	rVV2	399835	790587	8.13%	0.461%
32	11.206	774	776	777	rVV	779497	1051652	10.81%	0.614%
33	11.240	777	779	780	rVV	745513	706377	7.26%	0.412%
34	11.286	780	783	787	rVB	331013	607380	6.24%	0.354%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.400	792	793	798	rBV3	152387	377686	3.88%	0.220%
36	11.538	803	805	807	rBV	2198285	2071893	21.30%	1.209%
37	11.572	807	808	809	rVB	370556	254201	2.61%	0.148%
38	11.720	819	821	823	rVB2	286452	330657	3.40%	0.193%
39	11.766	823	825	828	rBV2	325728	524896	5.40%	0.306%
40	11.995	843	845	847	rBV2	735736	1102698	11.34%	0.644%
41	12.075	850	852	854	rBV	2464278	2691673	27.67%	1.571%
42	12.246	863	867	870	rBV2	470661	773733	7.95%	0.452%
43	12.486	885	888	890	rVV3	164795	368273	3.79%	0.215%
44	12.635	899	901	904	rVB3	180500	315432	3.24%	0.184%
45	12.692	904	906	909	rBV2	202787	390730	4.02%	0.228%
46	12.806	909	916	918	rBV3	4183882	6056427	62.26%	3.535%
47	12.852	918	920	923	rVV2	801908	1040040	10.69%	0.607%
48	13.138	942	945	947	rBV	4357427	5387012	55.38%	3.144%
49	13.321	958	961	962	rBV	212655	417977	4.30%	0.244%
50	13.344	962	963	964	rVV	308099	266284	2.74%	0.155%
51	13.366	964	965	967	rVV2	239954	389480	4.00%	0.227%
52	13.446	970	972	974	rVV2	244160	342648	3.52%	0.200%
53	13.572	977	983	984	rVV4	621204	1764545	18.14%	1.030%
54	13.641	987	989	994	rVV3	952737	2429944	24.98%	1.418%
55	13.709	994	995	996	rVV	393605	361215	3.71%	0.211%
56	13.744	996	998	1000	rVV	447066	553968	5.69%	0.323%
57	13.789	1000	1002	1004	rVV	333501	333392	3.43%	0.195%
58	13.881	1007	1010	1011	rVV	734809	1311162	13.48%	0.765%
59	13.904	1011	1012	1016	rVV	1695110	1692217	17.40%	0.988%
60	14.006	1016	1021	1022	rVV2	4802455	6595393	67.80%	3.849%
61	14.029	1022	1023	1027	rVV	1880487	2463848	25.33%	1.438%
62	14.121	1029	1031	1033	rBV	370221	509594	5.24%	0.297%
63	14.189	1033	1037	1041	rVV2	1969114	4022268	41.35%	2.348%
64	14.258	1041	1043	1044	rVV	585238	824674	8.48%	0.481%
65	14.315	1047	1048	1050	rVV2	243497	245035	2.52%	0.143%
66	14.384	1050	1054	1056	rVV3	471570	998242	10.26%	0.583%
67	14.669	1077	1079	1082	rVB	3890979	4096556	42.11%	2.391%
68	14.887	1096	1098	1101	rVB	709188	800500	8.23%	0.467%
69	15.069	1111	1114	1116	rVB	579369	852923	8.77%	0.498%
70	15.138	1118	1120	1124	rVB2	151838	243780	2.51%	0.142%
71	15.344	1135	1138	1143	rBV2	1731290	4080442	41.95%	2.381%

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72	15.698	1166	1169	1171	rBV	1138335	1384843	14.24%	0.808%
73	15.847	1179	1182	1187	rVB2	202241	491761	5.06%	0.287%
74	15.949	1188	1191	1193	rBV	192321	287459	2.96%	0.168%
75	16.075	1200	1202	1206	rVB2	167251	248843	2.56%	0.145%
76	16.201	1210	1213	1215	rVV	1018618	1693172	17.41%	0.988%
77	16.247	1215	1217	1222	rVV	1568787	2790341	28.68%	1.629%
78	16.361	1225	1227	1231	rVV3	278337	494732	5.09%	0.289%
79	16.441	1231	1234	1246	rVB4	1283257	3241921	33.33%	1.892%
80	16.647	1247	1252	1255	rBV2	603757	1526313	15.69%	0.891%
81	16.704	1255	1257	1263	rVB3	268498	643866	6.62%	0.376%
82	17.035	1283	1286	1289	rBV2	242886	547374	5.63%	0.319%
83	17.218	1299	1302	1303	rBV2	183389	386286	3.97%	0.225%
84	17.264	1303	1306	1311	rVV3	437192	1357415	13.95%	0.792%
85	17.355	1311	1314	1317	rVV	295174	675898	6.95%	0.394%
86	17.424	1317	1320	1327	rVV4	498152	2073057	21.31%	1.210%
87	17.607	1330	1336	1339	rVV5	598208	2174733	22.36%	1.269%
88	17.664	1339	1341	1344	rVB	221981	426963	4.39%	0.249%
89	17.881	1354	1360	1365	rBV	2778588	9727563	100.00%	5.677%
90	18.087	1375	1378	1384	rVB2	593764	1505048	15.47%	0.878%
91	18.213	1384	1389	1392	rBV2	844517	2512099	25.82%	1.466%
92	18.350	1397	1401	1407	rBV	1019691	2892846	29.74%	1.688%
93	18.464	1407	1411	1416	rVB3	776657	2496342	25.66%	1.457%
94	18.601	1420	1423	1428	rVB3	346173	993159	10.21%	0.580%
95	18.715	1428	1433	1435	rBV	947647	3003251	30.87%	1.753%
96	18.864	1442	1446	1448	rBV2	316997	833317	8.57%	0.486%
97	18.944	1448	1453	1460	rVB	1126816	3533482	36.32%	2.062%
98	19.230	1474	1478	1483	rBV3	194236	695920	7.15%	0.406%
99	19.436	1492	1496	1499	rBV2	143439	427741	4.40%	0.250%
100	19.504	1499	1502	1505	rVV3	188020	474098	4.87%	0.277%

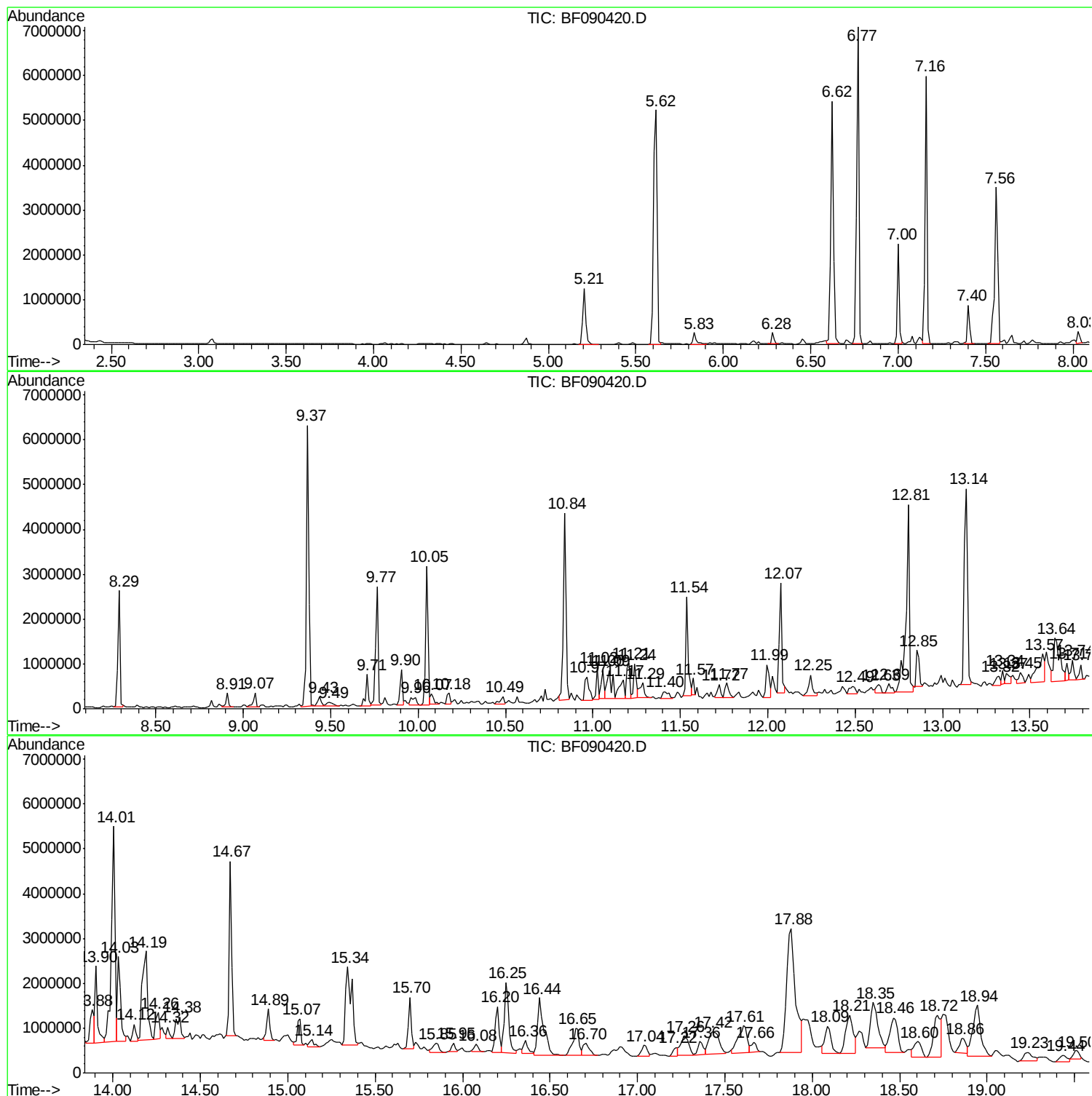
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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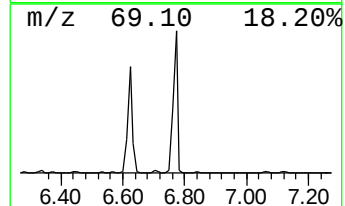
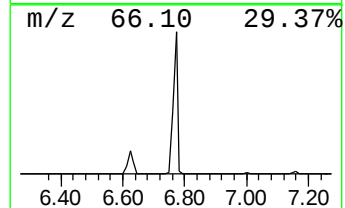
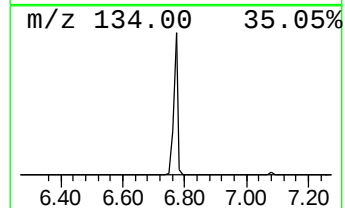
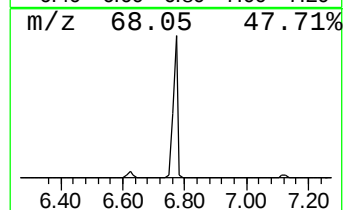
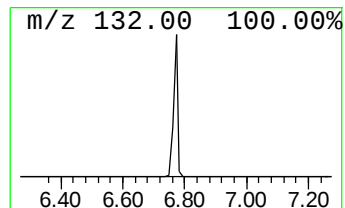
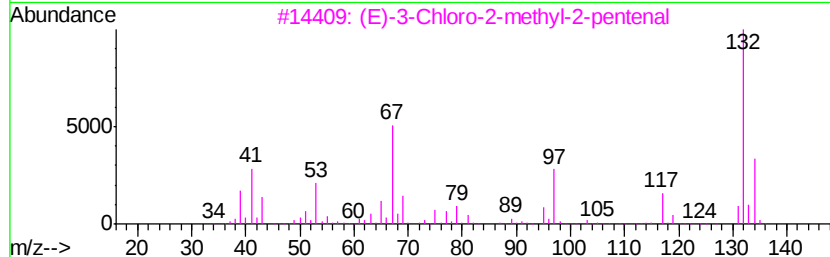
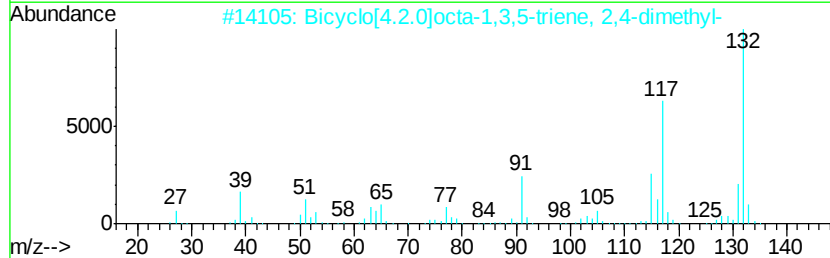
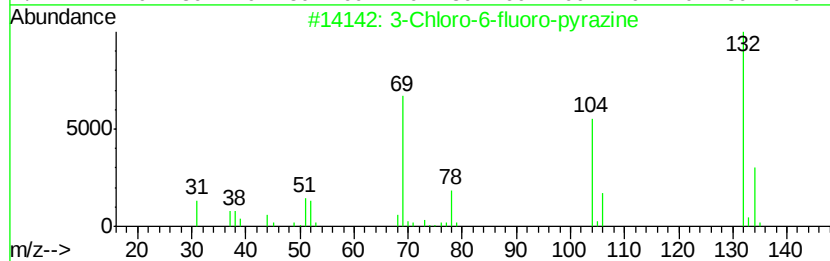
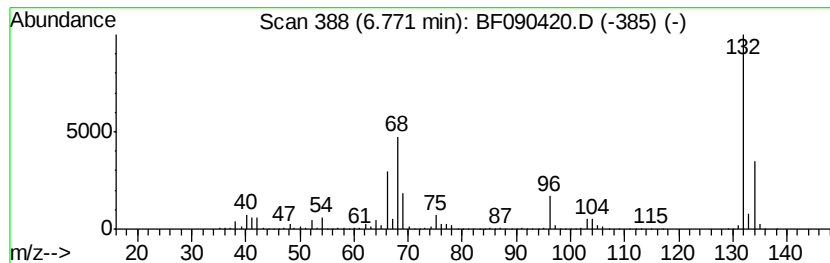
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.77 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	75.95 ng	7018000	1,4-Dichlorobenzene-d4	7.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	Bicyclo[4.2.0]octa-1,3,5-triene, ...			132	C10H12	028749-81-7	9
3	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	9
4	4-Chloro-2-fluoro-pyrimidine			132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine			132	C8H8N2	064608-59-9	9



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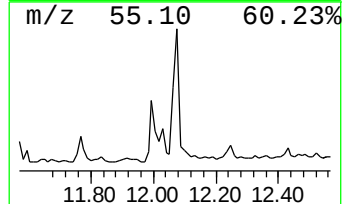
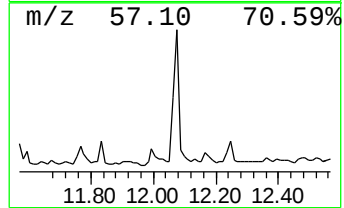
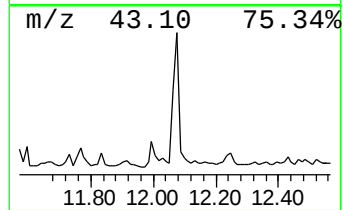
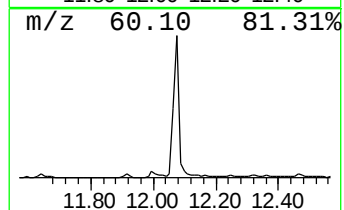
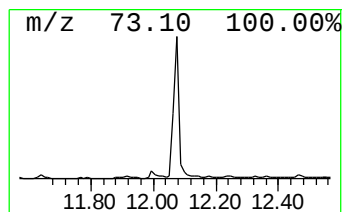
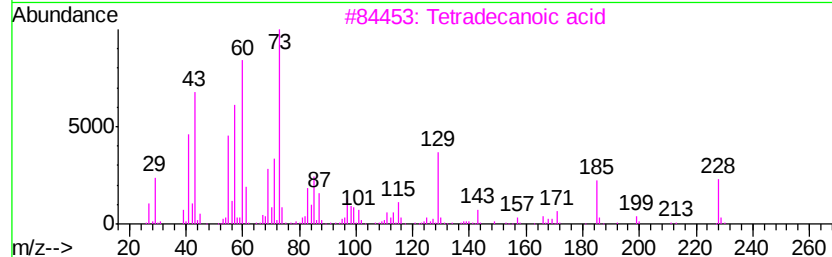
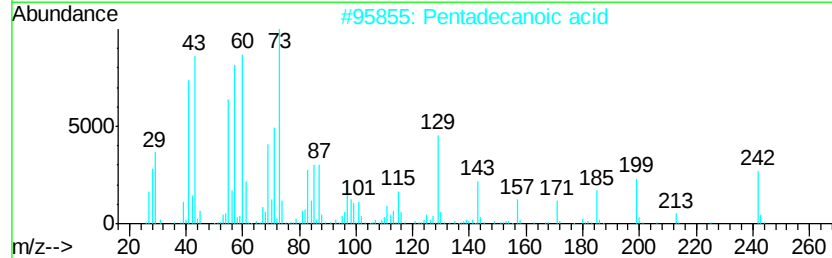
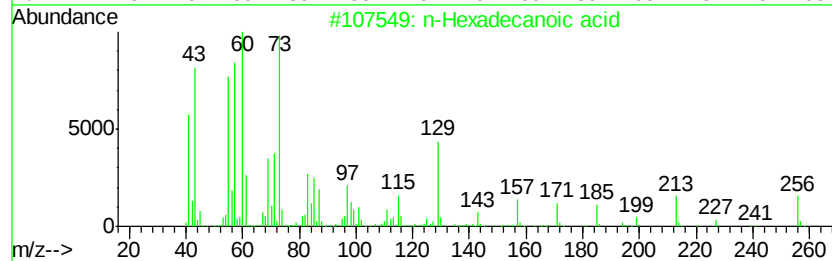
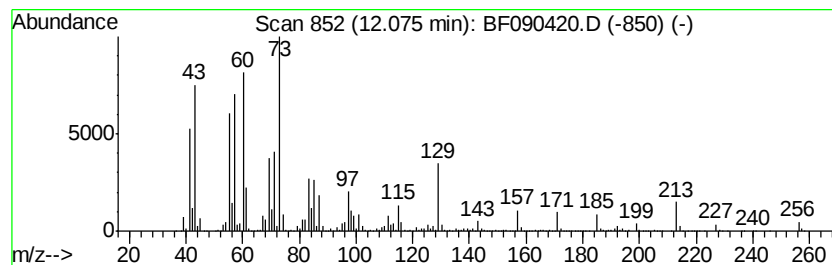
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	25.98 ng	2691670	Phenanthrene-d10	11.54

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		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20



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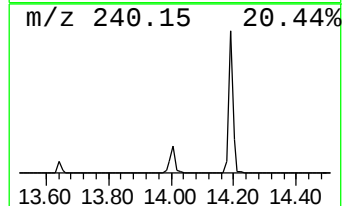
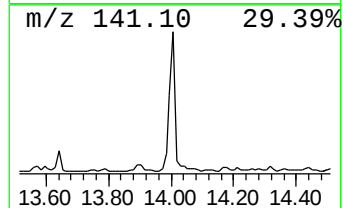
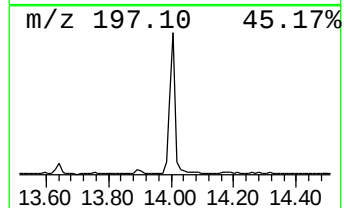
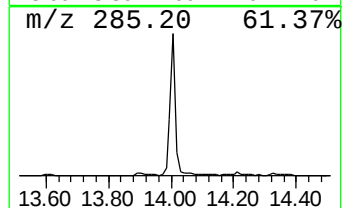
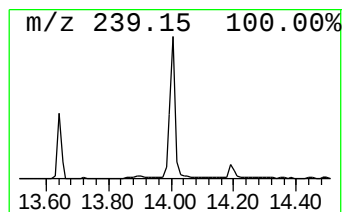
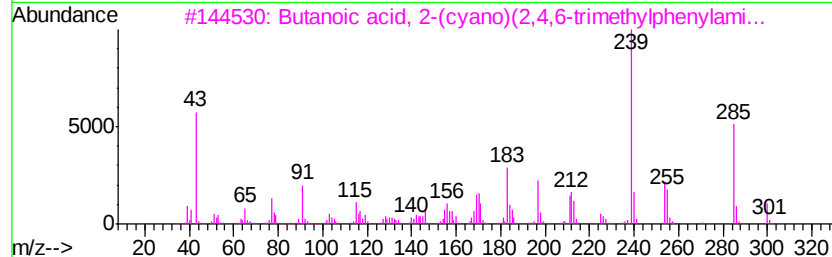
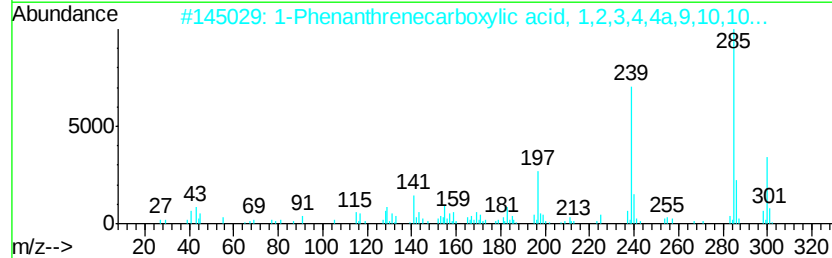
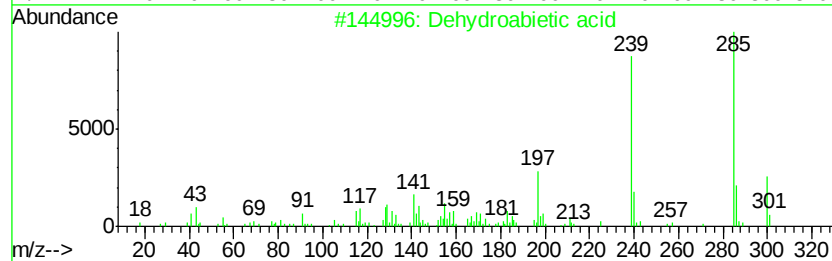
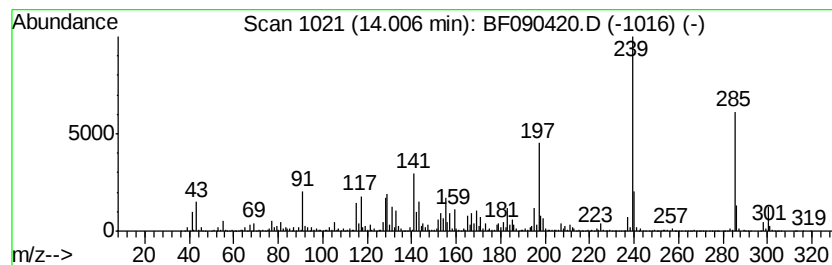
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Dehydroabietic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	32.79 ng	6595390	Chrysene-d12	14.19

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	94
3		Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	68
4		3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3N03	023851-84-5	49
5		2-Ethylidene-hydrazono-3-methyl-...	239	C10H10ClN3S	1000148-08-4	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
Data File : BF090420.D
Acq On : 6 Oct 2016 10:02
Operator : UM/SJ
Sample : H4869-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TS-WSG-16121-03

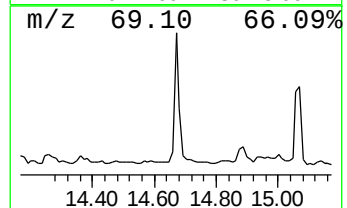
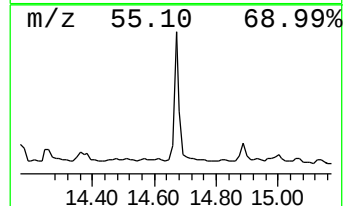
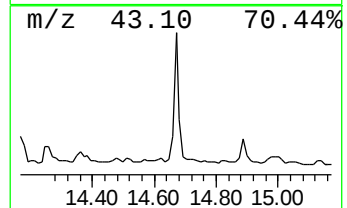
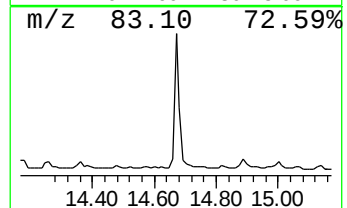
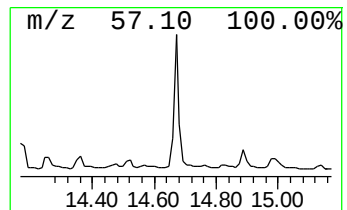
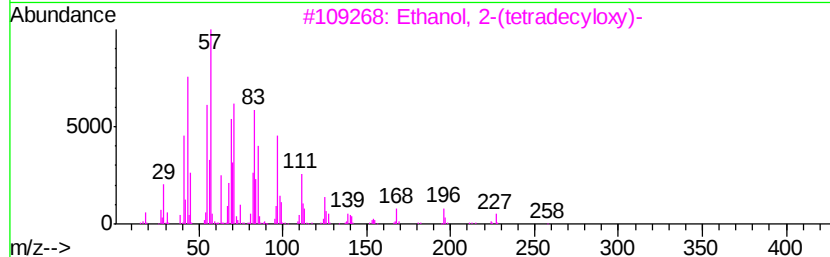
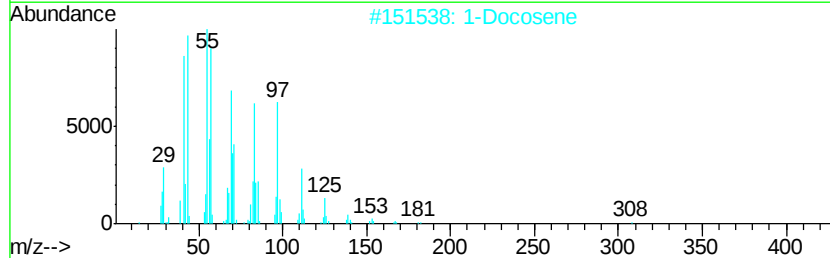
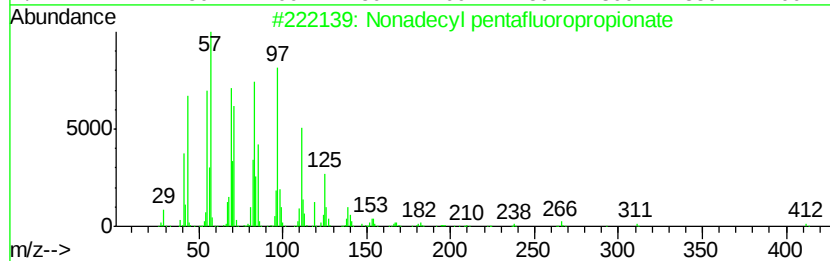
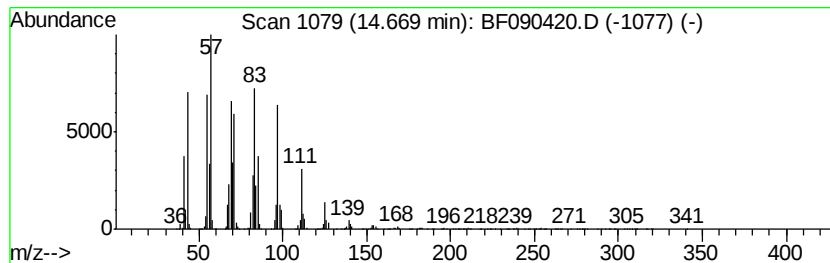
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonadecyl pentafluoropropio... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	20.37 ng	4096560	Chrysene-d12	14.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
2		1-Docosene	308	C22H44	001599-67-3	90
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
Data File : BF090420.D
Acq On : 6 Oct 2016 10:02
Operator : UM/SJ
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Misc :
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Instrument :
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ClientSampleId :
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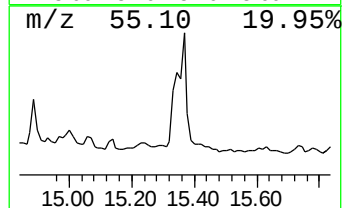
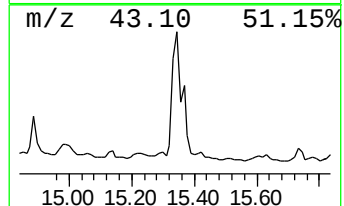
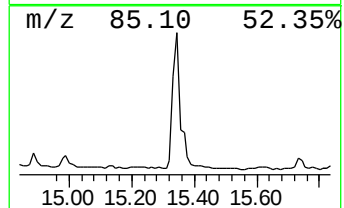
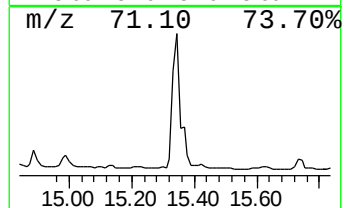
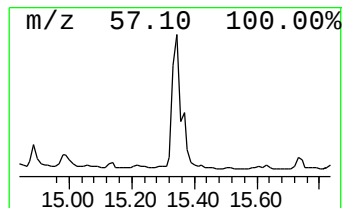
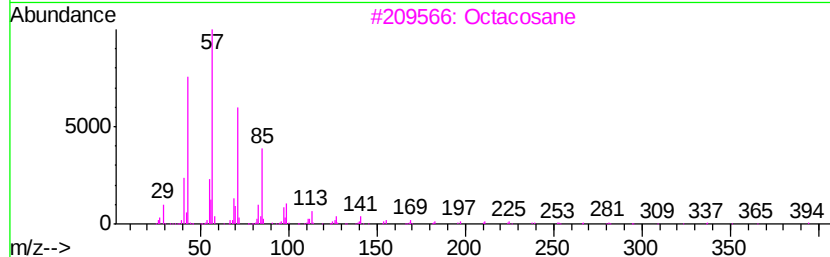
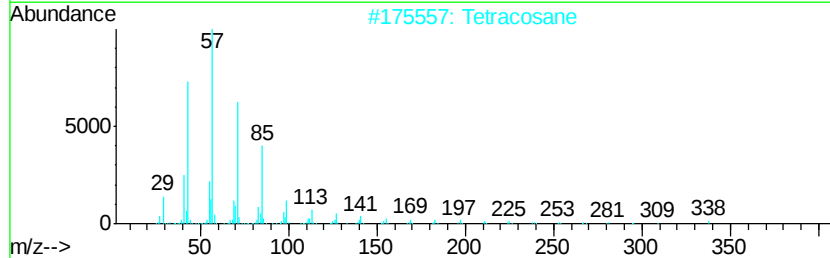
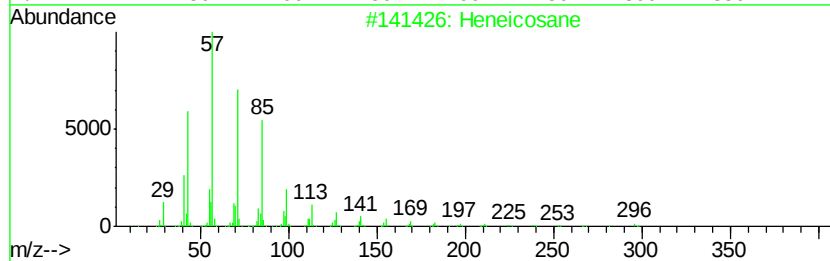
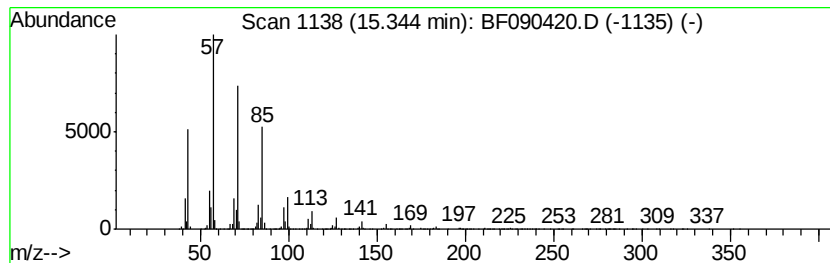
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	58.93 ng	4080440	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090420.D
Acq On : 6 Oct 2016 10:02
Operator : UM/SJ
Sample : H4869-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

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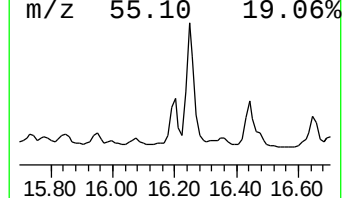
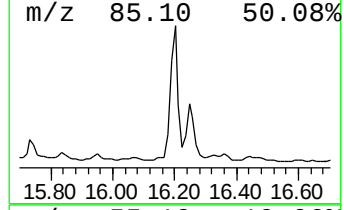
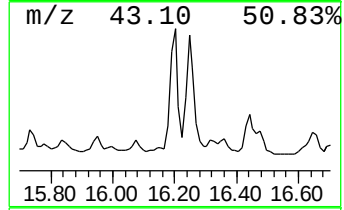
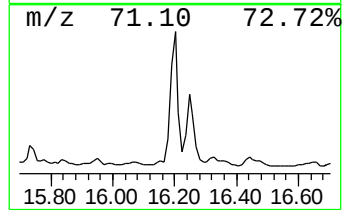
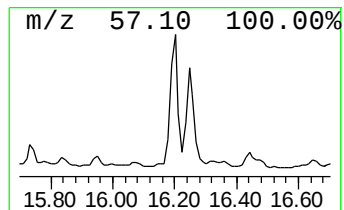
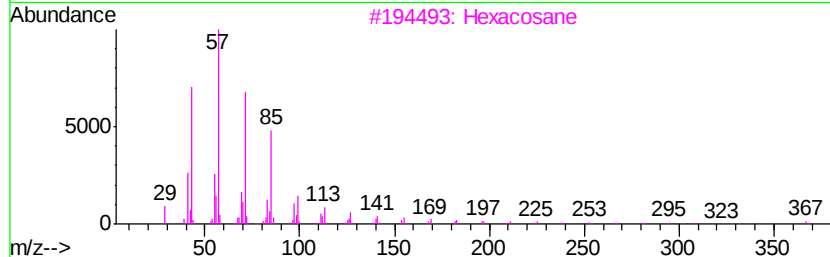
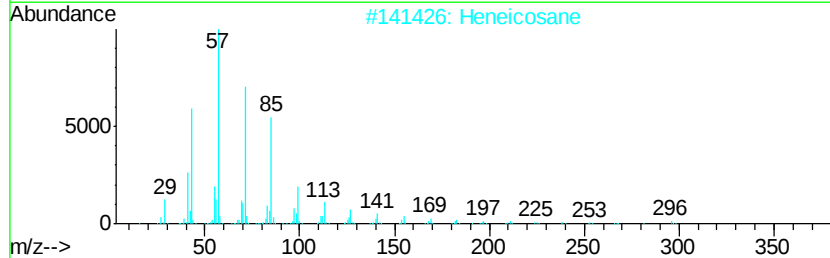
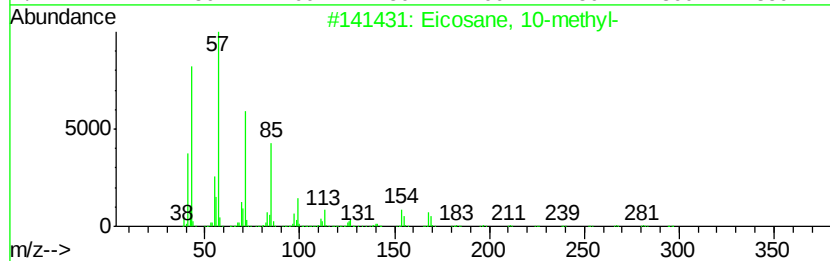
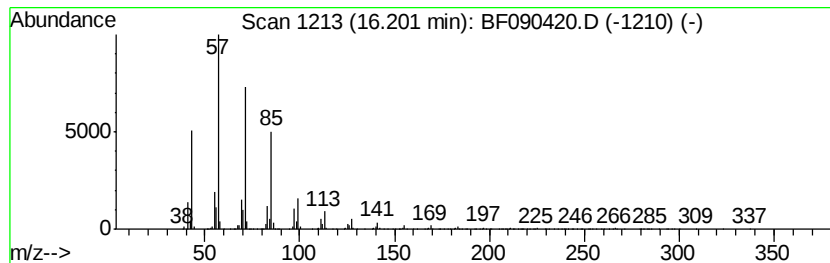
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane, 10-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	24.45 ng	1693170	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090420.D
Acq On : 6 Oct 2016 10:02
Operator : UM/SJ
Sample : H4869-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

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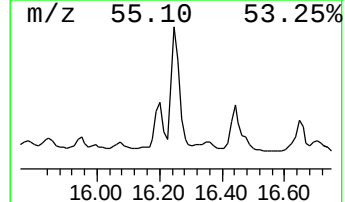
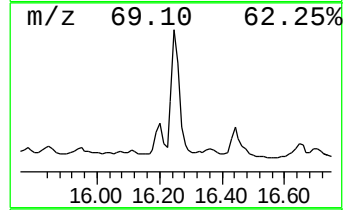
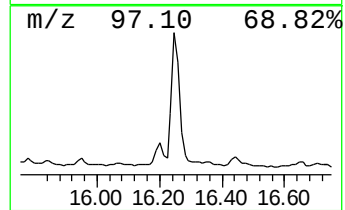
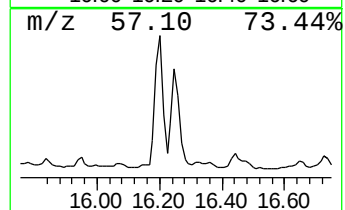
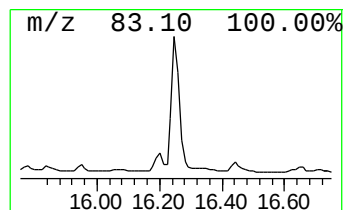
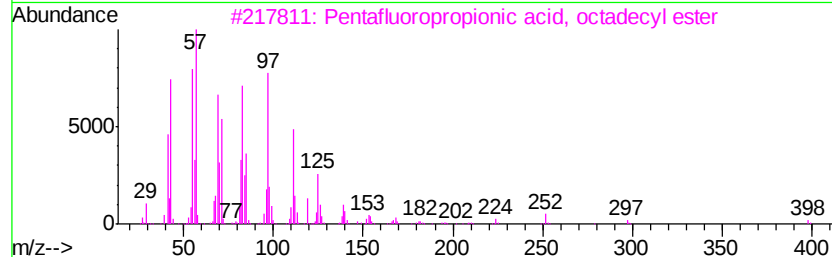
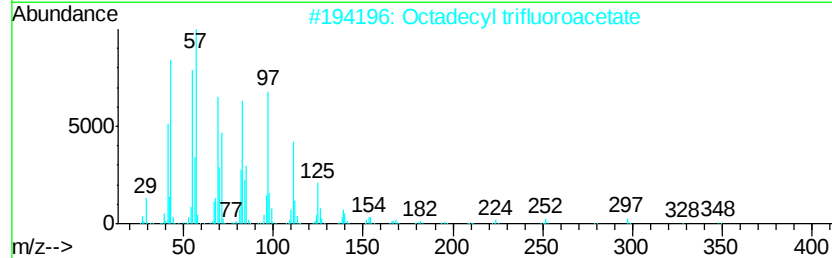
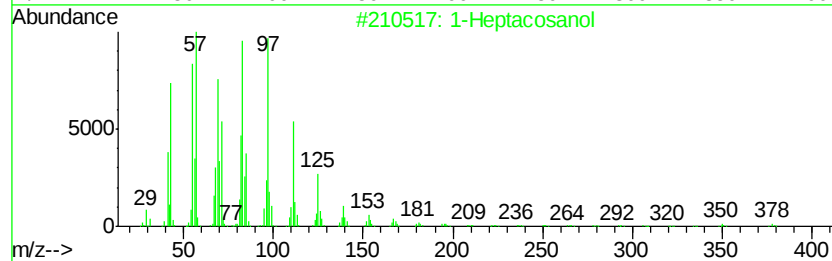
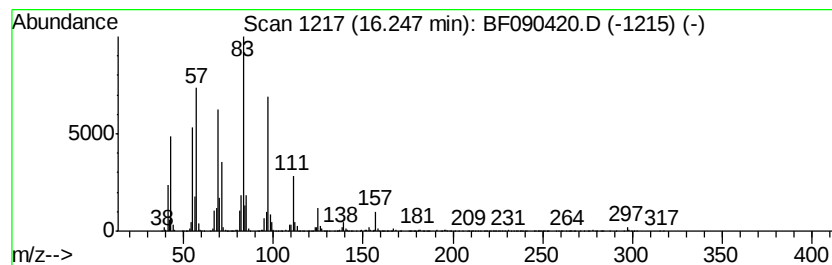
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown16.25 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	40.30 ng	2790340	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	49
2		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	49
3		Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	46
4		2-Aziridinone, 1-tert-butyl-3-(1-oxo-2-phenylethyl)-	223	C14H25NO	026944-18-3	46
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
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Acq On : 6 Oct 2016 10:02
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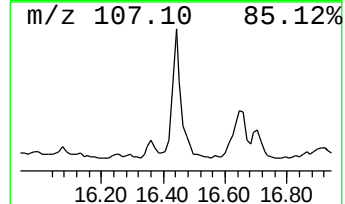
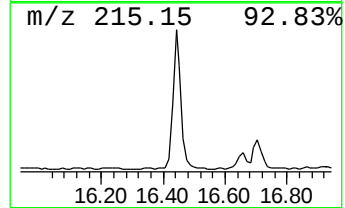
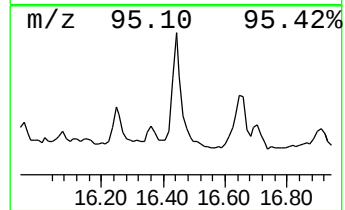
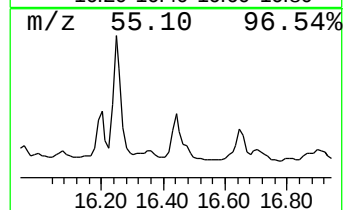
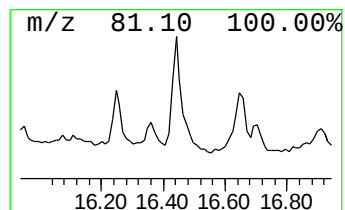
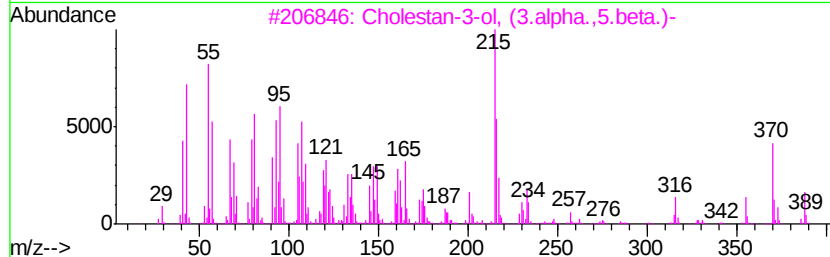
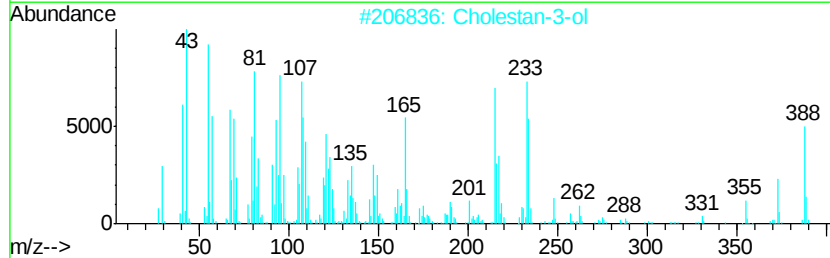
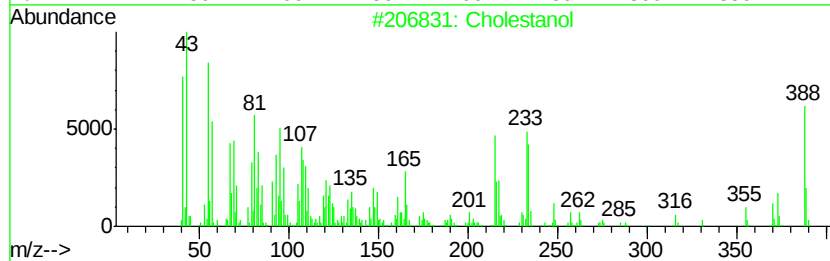
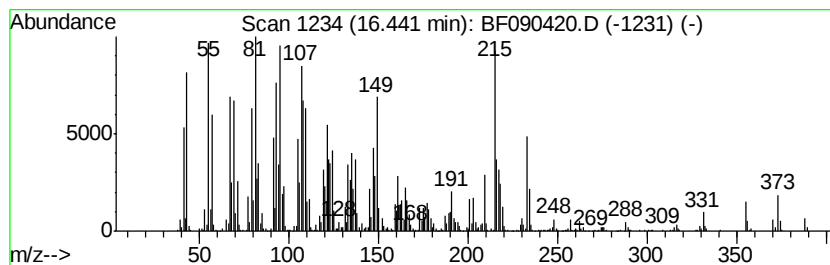
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cholesterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.44	46.82 ng	3241920	Perylene-d12	15.70	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholesterol	388	C27H48O	000080-97-7	78
2	Cholestan-3-ol	388	C27H48O	027409-41-2	76
3	Cholestan-3-ol, (3.alpha.,5.beta.)-	388	C27H48O	000516-92-7	59
4	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	47
5	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
Data File : BF090420.D
Acq On : 6 Oct 2016 10:02
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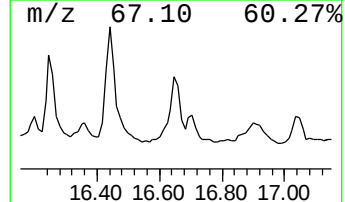
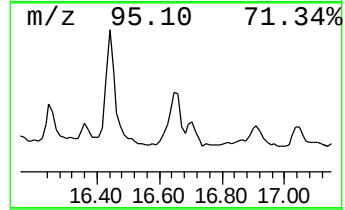
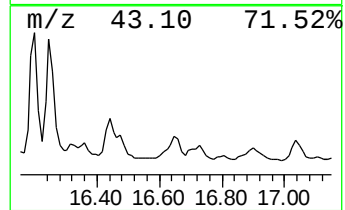
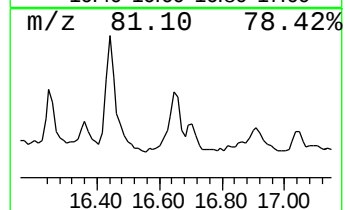
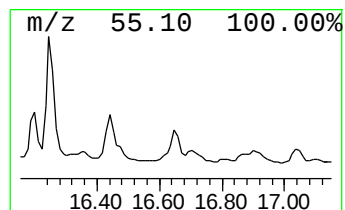
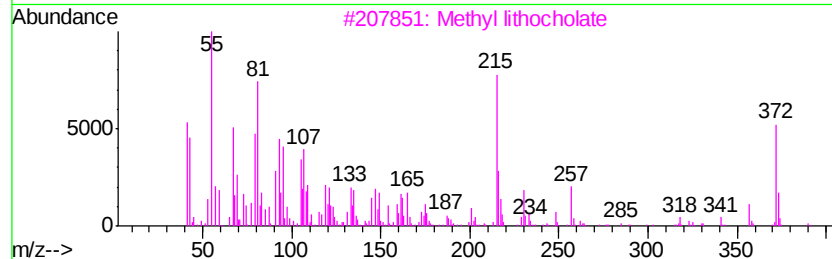
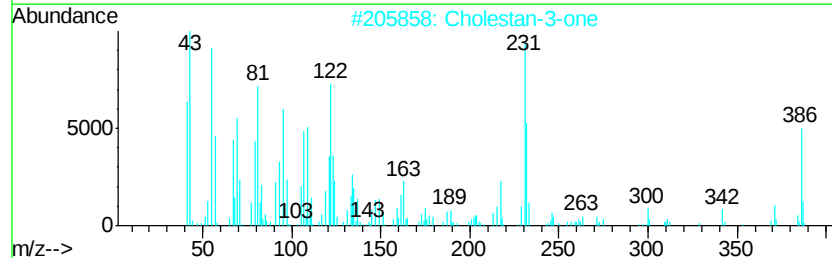
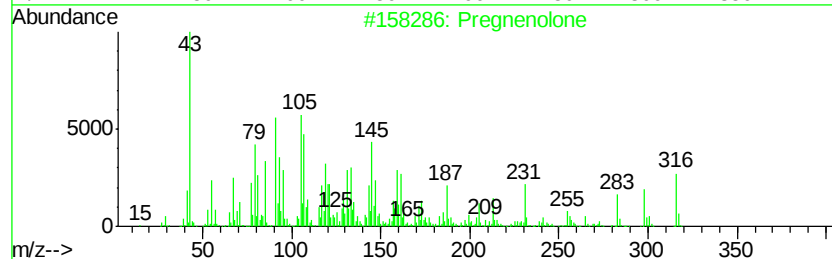
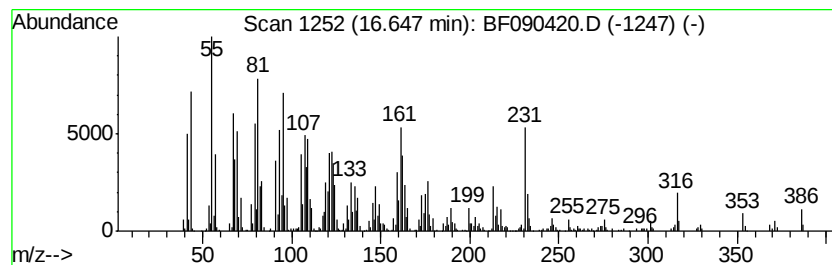
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.65 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	22.04 ng	1526310	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pregnenolone	316	C21H32O2	000145-13-1	42
2		Cholestan-3-one	386	C27H46O	015600-08-5	42
3		Methyl lithocholate	390	C25H42O3	001249-75-8	38
4		1-Naphthalenecarboxylic acid, de...	316	C21H32O2	015798-13-7	35
5		Spiro[2.3]hexan-5-one, 4,4-diethyl-	152	C10H16O	1000154-16-2	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090420.D
Acq On : 6 Oct 2016 10:02
Operator : UM/SJ
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ALS Vial : 37 Sample Multiplier: 1

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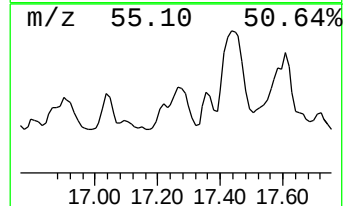
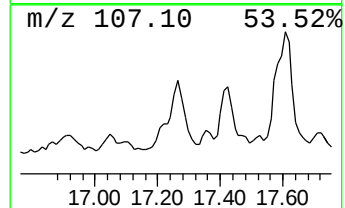
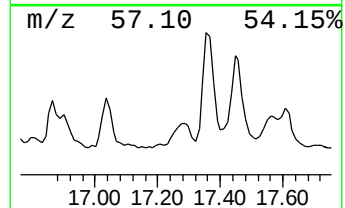
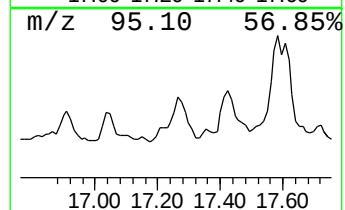
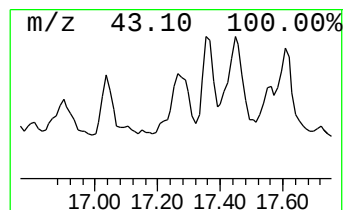
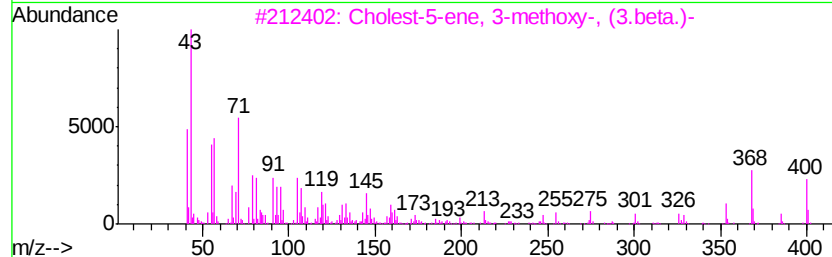
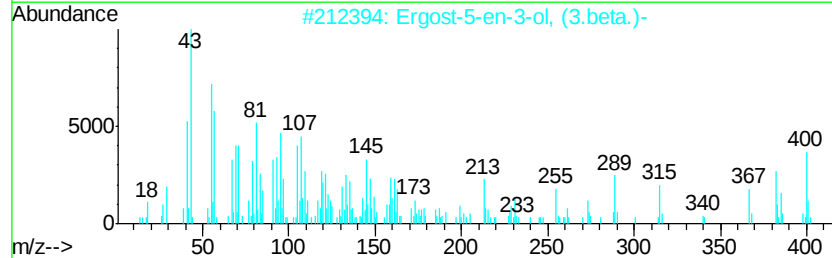
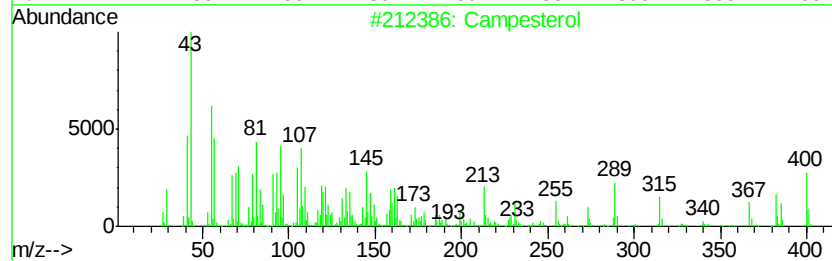
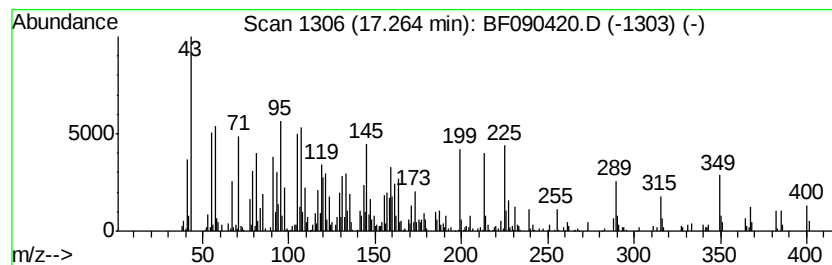
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Campesterol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	19.60 ng	1357420	Perylene-d12	15.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Campesterol	400	C28H48O	000474-62-4	78
2			Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	64
3			Cholest-5-ene, 3-methoxy-, (3.be...	400	C28H48O	001174-92-1	27
4			Isocholesteryl methyl ether	400	C28H48O	029944-53-4	16
5			Pyridine, 3-(5-furan-2-yl)-[1,2,4...	349	C19H15N3O4	1000316-99-5	15



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090420.D
Acq On : 6 Oct 2016 10:02
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Sample : H4869-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

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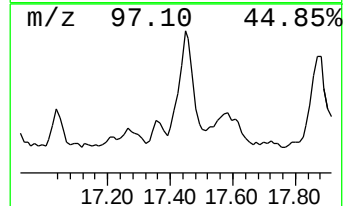
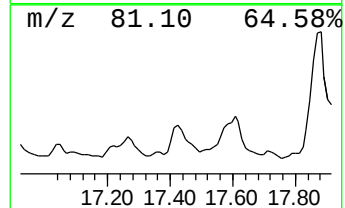
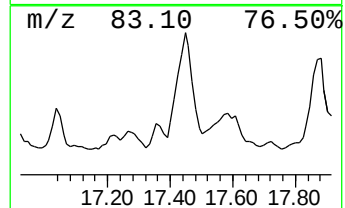
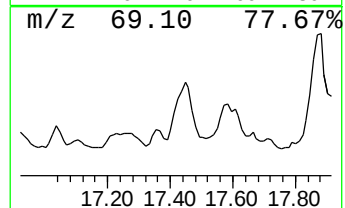
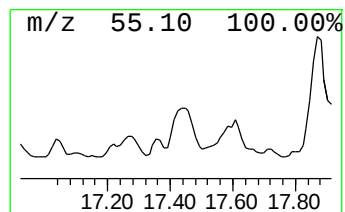
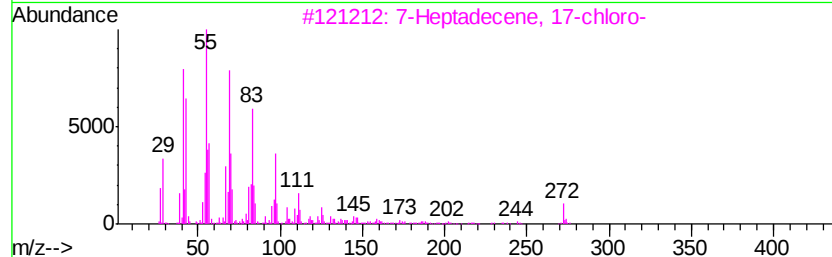
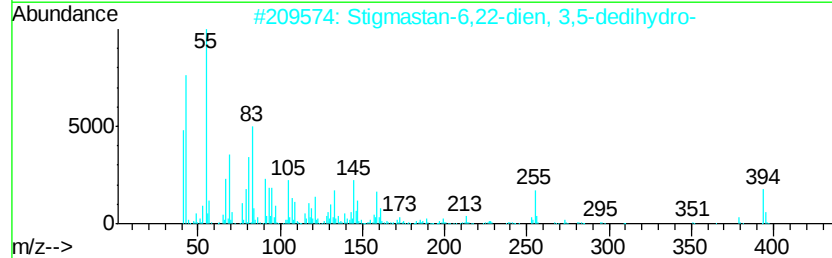
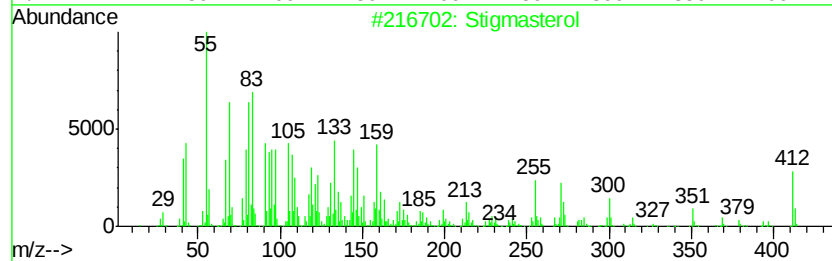
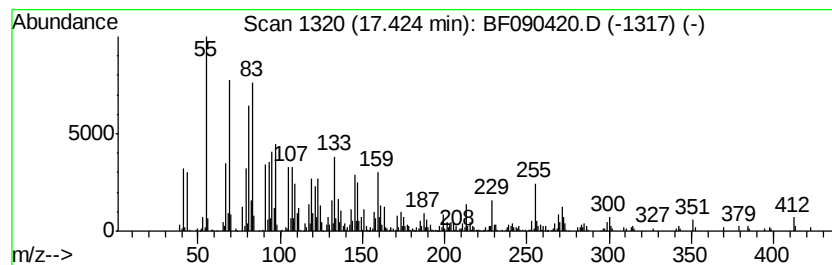
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Stigmasterol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	29.94 ng	2073060	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmasterol	412	C29H48O	000083-48-7	99
2		Stigmastan-6,22-dien, 3,5-dedihy...	394	C29H46	107304-12-1	46
3		7-Heptadecene, 17-chloro-	272	C17H33Cl	056554-79-1	43
4		Cholesta-5,22-dien-3-ol, (3.beta.)-	384	C27H44O	092218-20-7	38
5		Ergosta-5,7-dien-3-ol, (3.beta.)-	398	C28H46O	000516-79-0	38



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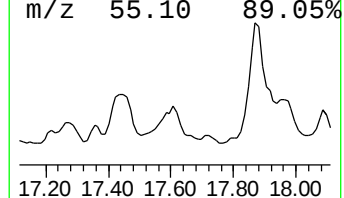
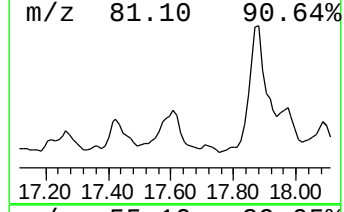
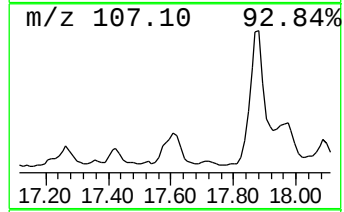
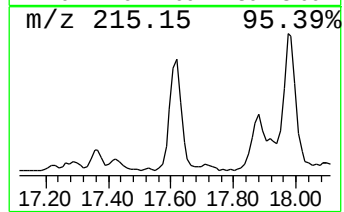
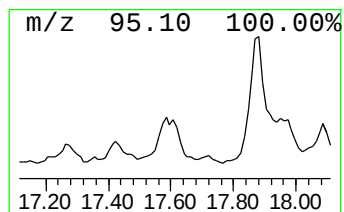
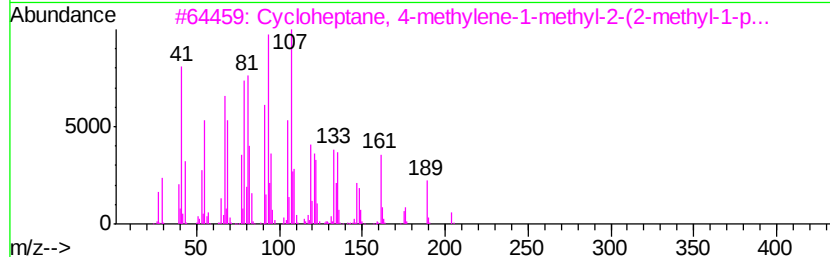
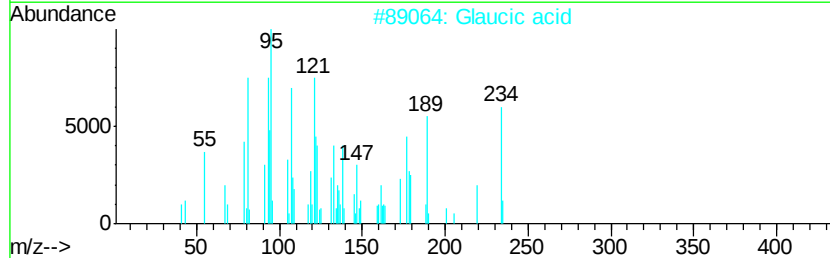
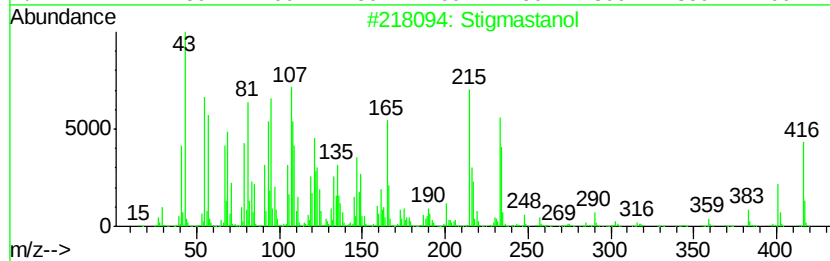
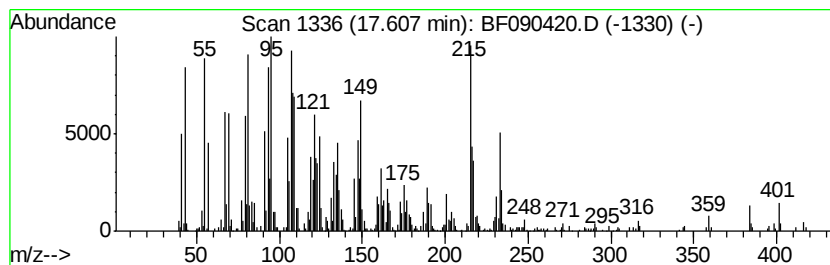
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Stigmastanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	31.41 ng	2174730	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmastanol	416	C29H52O	019466-47-8	93
2		Glaucic acid	234	C15H22O2	087745-30-0	70
3		Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	59
4		Ergostanol	402	C28H50O	006538-02-9	49
5		5.alpha.-Ergost-8(14)-ene	384	C28H48	006673-69-4	47



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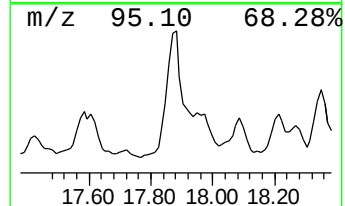
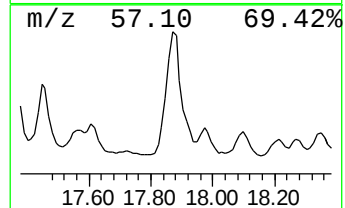
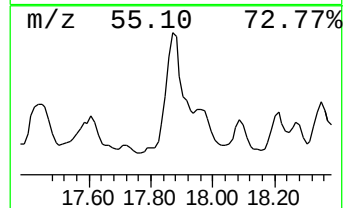
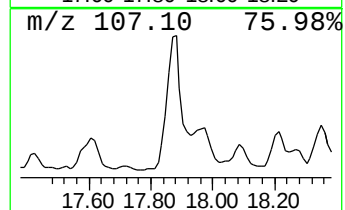
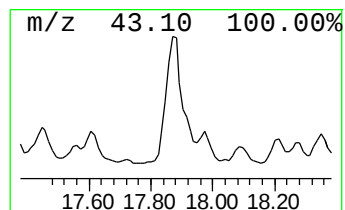
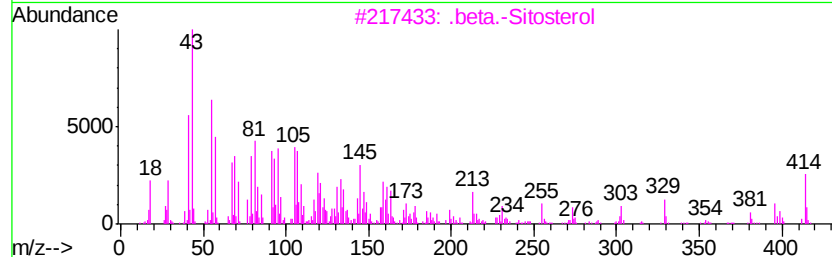
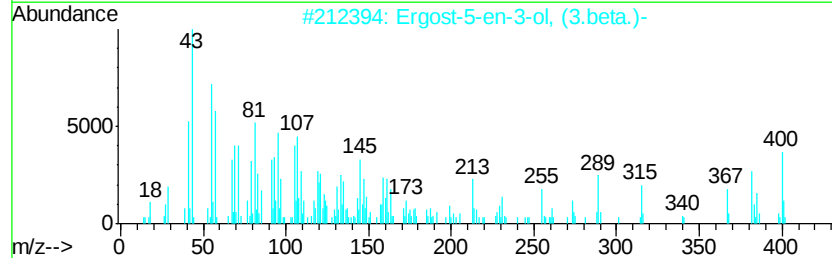
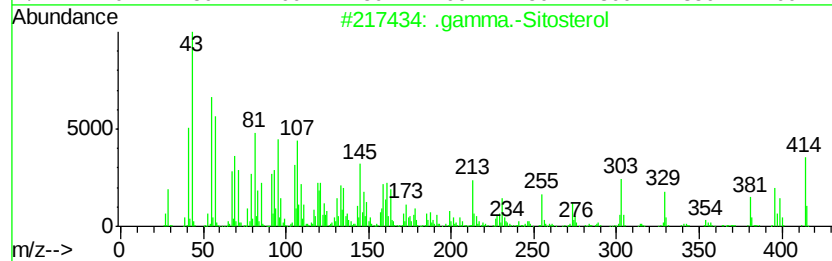
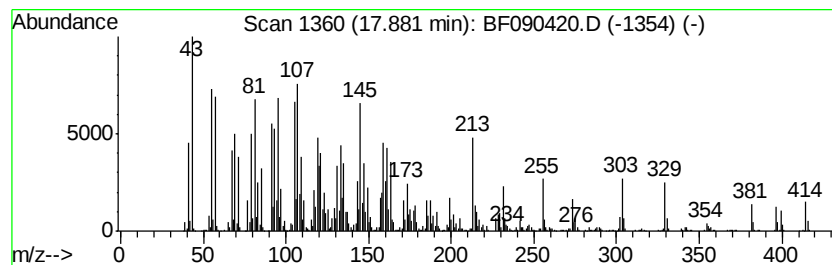
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	140.49 ng	9727560	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	87
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	70
4		Isocholesteryl methyl ether	400	C28H48O	029944-53-4	64
5		Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	53



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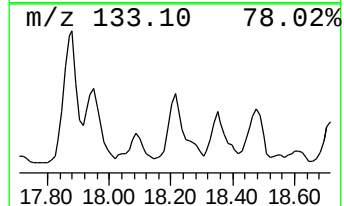
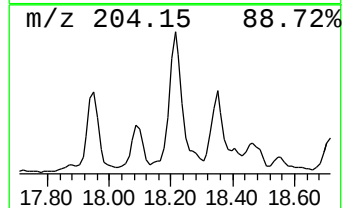
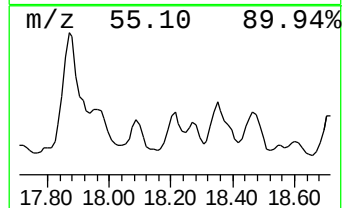
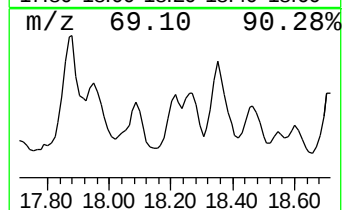
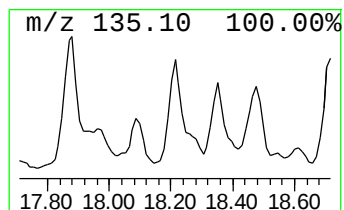
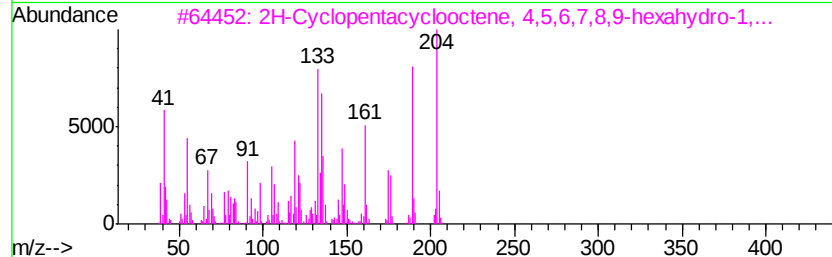
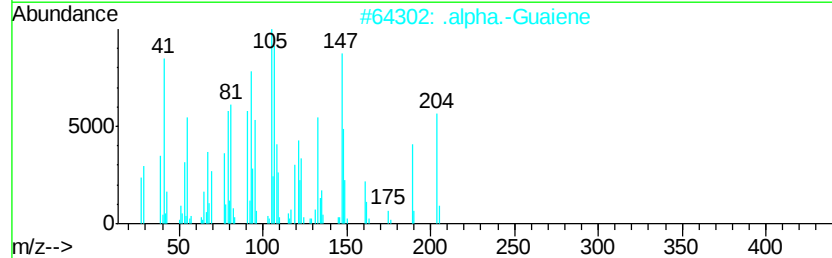
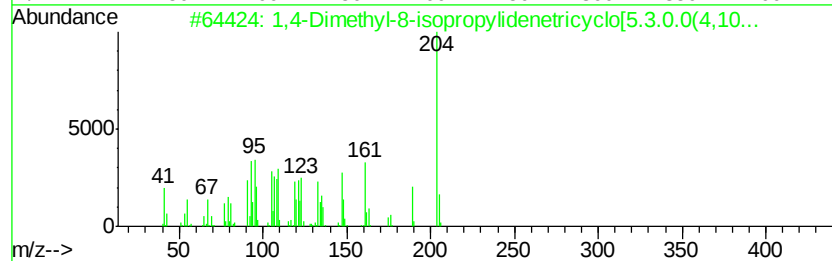
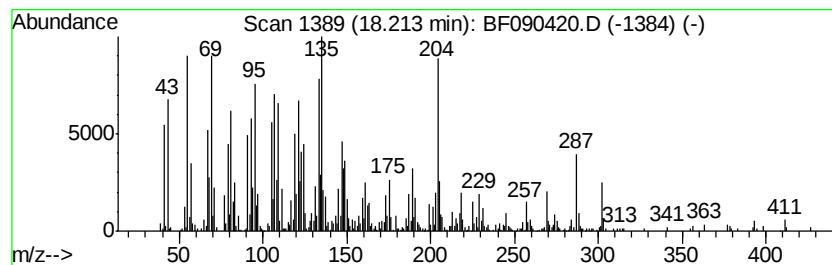
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,4-Dimethyl-8-isopropylide... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	36.28 ng	2512100	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	55
2		.alpha.-Guaiene	204	C15H24	003691-12-1	53
3		2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	43
4		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	43
5		Androst-5-en-3-ol, 4,4-dimethyl-...	302	C21H34O	007673-17-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
Data File : BF090420.D
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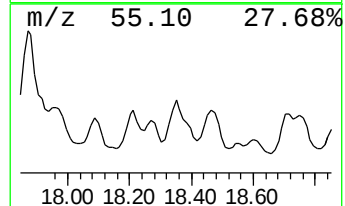
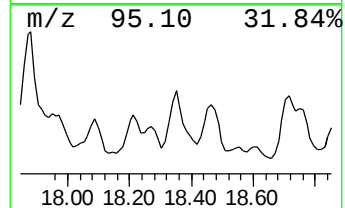
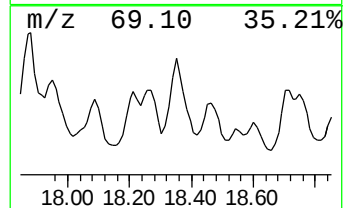
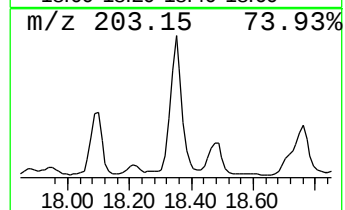
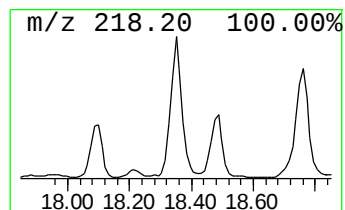
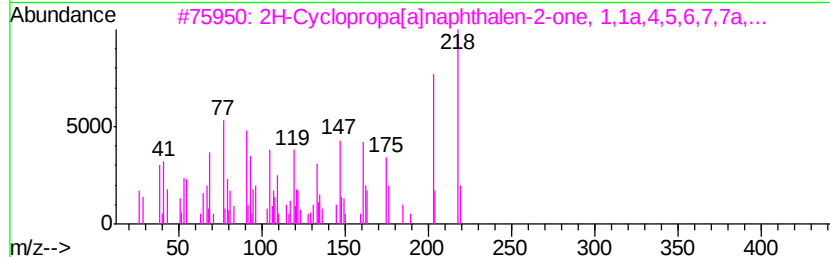
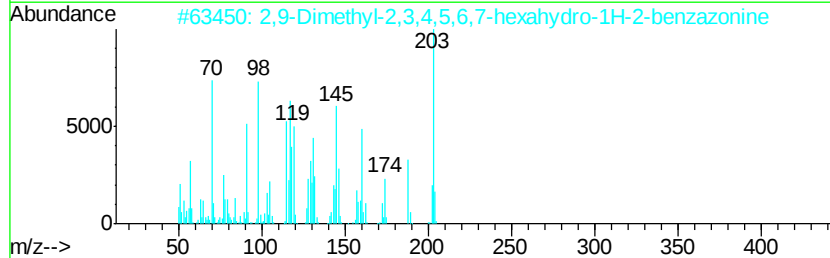
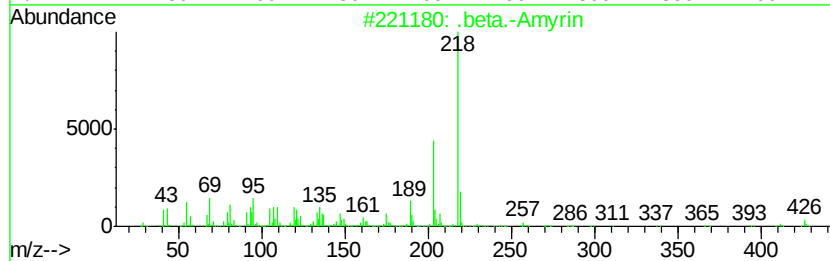
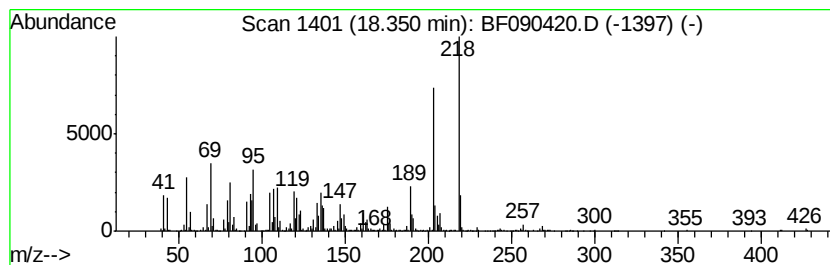
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 .beta.-Amyrin Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	41.78 ng	2892850	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Amyrin	426	C30H50O	000559-70-6	87
2		2,9-Dimethyl-2,3,4,5,6,7-hexahyd...	203	C14H21N	077581-11-4	78
3		2H-Cyclopropafalnaphthalen-2-one...	218	C15H22O	006831-17-0	49
4		4-Allyl-5-pyridin-3-yl-2,4-dihyd...	218	C10H10N4S	1000300-40-5	49
5		Pyrene, hexadecahydro-	218	C16H26	002435-85-0	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
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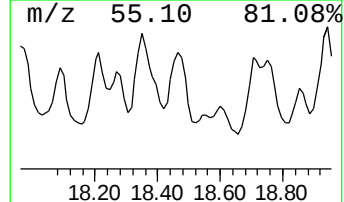
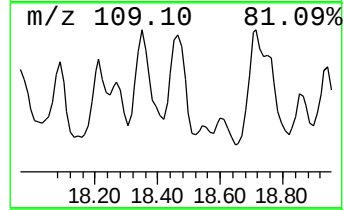
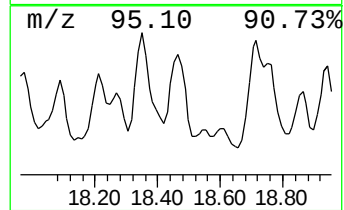
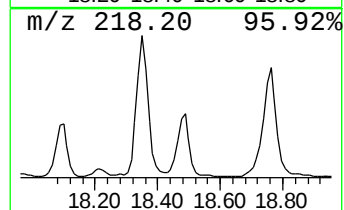
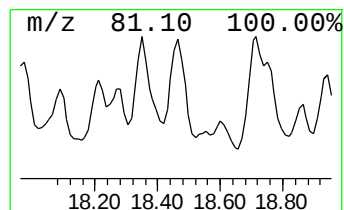
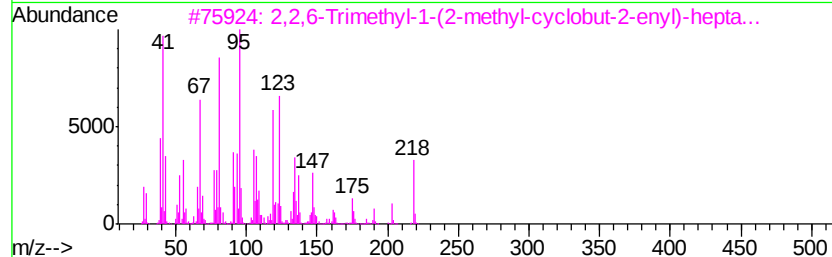
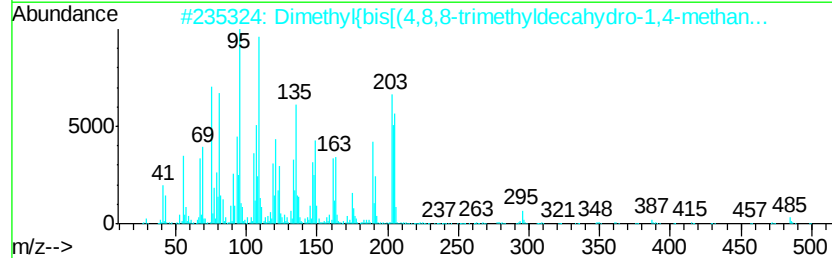
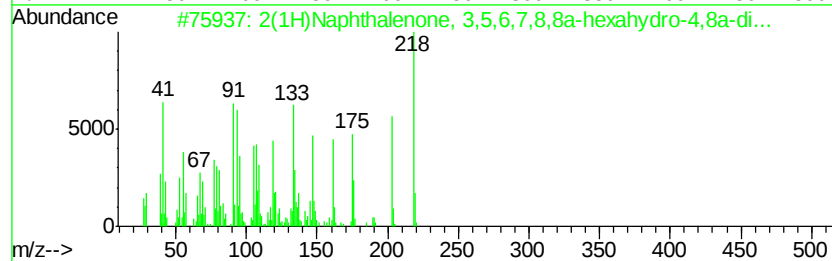
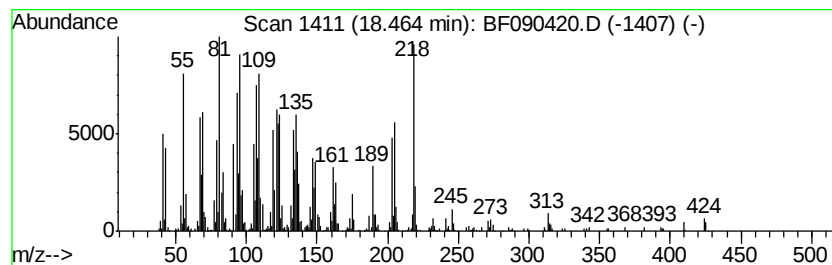
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 2(1H)Naphthalenone, 3,5,6,7... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	36.05 ng	2496340	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	55
2		Dimethyl[bis](4,8,8-trimethyldec...	500	C32H56O2Si	1000364-69-0	53
3		2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	46
4		Acetic acid, 3-hydroxy-7-isoprop...	278	C17H26O3	1000187-37-6	46
5		(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
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ALS Vial : 37 Sample Multiplier: 1

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TS-WSG-16121-03

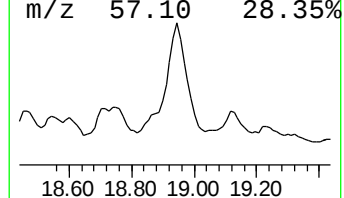
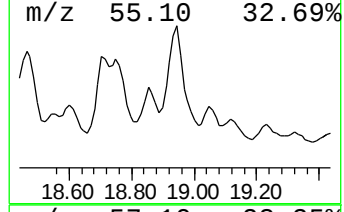
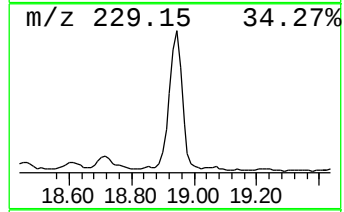
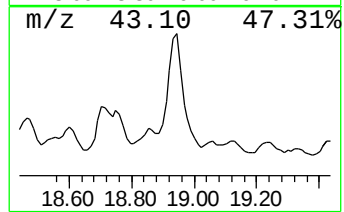
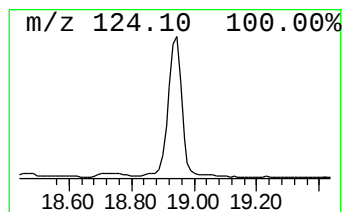
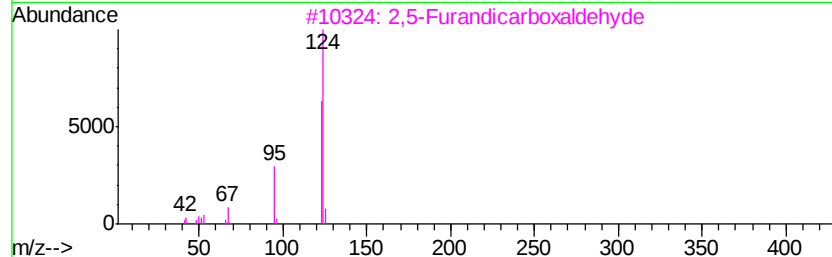
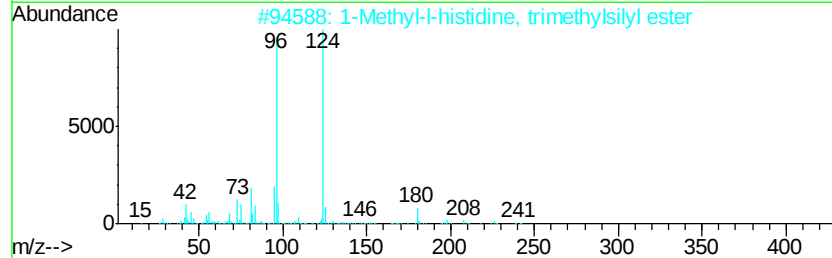
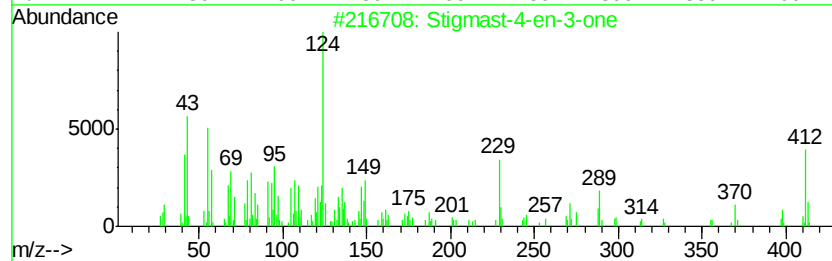
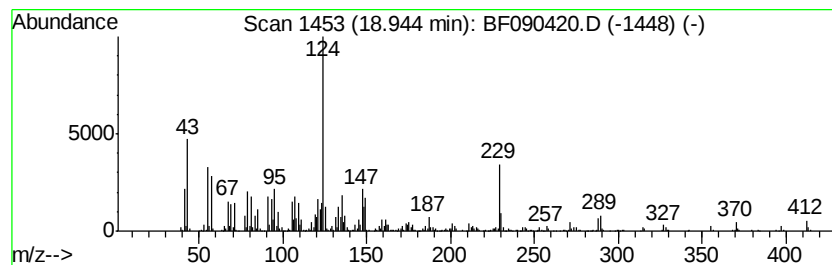
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	51.03 ng	3533480	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	83
2		1-Methyl-1-histidine, trimethyls...	241	C10H19N3O2Si	1000333-77-7	49
3		2,5-Furandicarboxaldehyde	124	C6H4O3	000823-82-5	49
4		Orcinol	124	C7H8O2	000504-15-4	49
5		Hexanethioic acid, (2-hexanethio...	288	C14H28N2S2	1000193-53-9	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090420.D
 Acq On : 6 Oct 2016 10:02
 Operator : UM/SJ
 Sample : H4869-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.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
unknown6.77	6.77	76.0	ng	7018000	1	7.00	1847950	20.0
n-Hexadecanoic acid	12.07	26.0	ng	2691670	4	11.54	2071890	20.0
Dehydroabietic acid	14.01	32.8	ng	6595390	5	14.19	4022270	20.0
Nonadecyl pentafl...	14.67	20.4	ng	4096560	5	14.19	4022270	20.0
Heneicosane	15.34	58.9	ng	4080440	6	15.70	1384840	20.0
Eicosane, 10-methyl-	16.20	24.4	ng	1693170	6	15.70	1384840	20.0
unknown16.25	16.25	40.3	ng	2790340	6	15.70	1384840	20.0
Cholesterol	16.44	46.8	ng	3241920	6	15.70	1384840	20.0
unknown16.65	16.65	22.0	ng	1526310	6	15.70	1384840	20.0
Campesterol	17.26	19.6	ng	1357420	6	15.70	1384840	20.0
Stigmasterol	17.42	29.9	ng	2073060	6	15.70	1384840	20.0
Stigmastanol	17.61	31.4	ng	2174730	6	15.70	1384840	20.0
.gamma.-Sitosterol	17.88	140.5	ng	9727560	6	15.70	1384840	20.0
4,4,6a,6b,8a,11,1...	18.09	21.7	ng	1505050	6	15.70	1384840	20.0
1,4-Dimethyl-8-is...	18.21	36.3	ng	2512100	6	15.70	1384840	20.0
.beta.-Amyrin	18.35	41.8	ng	2892850	6	15.70	1384840	20.0
2(1H)Naphthalenon...	18.46	36.0	ng	2496340	6	15.70	1384840	20.0
Stigmast-4-en-3-one	18.94	51.0	ng	3533480	6	15.70	1384840	20.0