

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082905.D
 Acq On : 13 Nov 2015 19:00
 Operator : UM/IZ
 Sample : G4390-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 15K0812

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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	6.076	346	349	351	rBV	2542935	2547787	2.19%	0.200%
2	6.442	379	381	383	rBV	3508985	3536809	3.04%	0.277%
3	6.922	421	423	425	rBV	2050032	2980325	2.56%	0.233%
4	6.967	425	427	429	rVB	8726138	8511818	7.33%	0.667%
5	8.042	519	521	523	rVV2	1617425	2527541	2.18%	0.198%
6	8.088	523	525	526	rVV	2169916	1862349	1.60%	0.146%
7	8.122	526	528	532	rVB	5383668	5750884	4.95%	0.450%
8	8.259	537	540	544	rVB2	1724305	2571842	2.21%	0.201%
9	8.328	544	546	547	rBV	2131467	1798438	1.55%	0.141%
10	8.430	551	555	557	rVV3	1799166	2190715	1.89%	0.172%
11	9.013	604	606	608	rVV	6510485	6385672	5.50%	0.500%
12	9.436	640	643	645	rBV	1958902	2943726	2.53%	0.231%
13	9.528	647	651	652	rVV	17015645	25064513	21.57%	1.963%
14	9.573	652	655	657	rVV	14845857	22646492	19.49%	1.774%
15	9.619	657	659	662	rVV3	1033937	2073445	1.78%	0.162%
16	9.699	665	666	668	rVV	1964195	3261179	2.81%	0.255%
17	9.733	668	669	670	rVV	5470705	4088538	3.52%	0.320%
18	9.825	676	677	678	rVV	1714106	1791111	1.54%	0.140%
19	9.905	681	684	686	rVV2	8523434	13863311	11.93%	1.086%
20	9.996	689	692	697	rVB	5243722	6955603	5.99%	0.545%
21	10.076	697	699	702	rBV2	1203822	2300075	1.98%	0.180%
22	10.271	712	716	717	rBV2	1249115	1965562	1.69%	0.154%
23	10.339	717	722	723	rBV2	7451212	13653469	11.75%	1.069%
24	10.373	723	725	727	rVB	6531439	6715295	5.78%	0.526%
25	10.476	731	734	736	rBV	5258965	5206910	4.48%	0.408%
26	10.613	744	746	749	rBV	8765998	12061881	10.38%	0.945%
27	10.774	757	760	762	rBV2	2759896	3519602	3.03%	0.276%
28	11.014	776	781	786	rBV4	1764092	3754224	3.23%	0.294%
29	11.094	786	788	789	rBV	2689551	3494476	3.01%	0.274%
30	11.139	789	792	797	rVB3	1339299	2534037	2.18%	0.198%
31	11.322	806	808	810	rBV2	3636849	4789257	4.12%	0.375%
32	11.608	831	833	835	rVB	3556210	3302191	2.84%	0.259%
33	11.699	838	841	843	rBV2	8657040	11292328	9.72%	0.884%
34	11.734	843	844	846	rVB2	1503276	1778339	1.53%	0.139%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.768	846	847	849	rBV	1850759	2317459	1.99%	0.181%
36	11.814	849	851	852	rBV	2209539	3397569	2.92%	0.266%
37	11.848	852	854	856	rVB3	1257261	2173228	1.87%	0.170%
38	11.905	856	859	860	rBV	8050799	13892684	11.96%	1.088%
39	11.951	860	863	864	rVB2	5928940	8625292	7.42%	0.675%
40	11.974	864	865	869	rVB2	9118246	17351270	14.93%	1.359%
41	12.054	869	872	874	rBV	12361649	21789280	18.75%	1.706%
42	12.099	874	876	877	rBV	4478192	7520840	6.47%	0.589%
43	12.156	877	881	882	rVB2	17148283	35544340	30.59%	2.784%
44	12.248	885	889	890	rBV2	7373762	13201527	11.36%	1.034%
45	12.339	895	897	900	rVB3	2033176	3809705	3.28%	0.298%
46	12.385	900	901	903	rBV	1376375	2404909	2.07%	0.188%
47	12.442	903	906	909	rVB2	6068378	10230704	8.80%	0.801%
48	12.522	909	913	917	rBV	15747066	31932302	27.48%	2.501%
49	12.637	917	923	924	rBV	15422254	37387654	32.17%	2.928%
50	12.762	932	934	937	rVB	10496237	14974010	12.89%	1.173%
51	12.831	937	940	943	rVV3	2415796	5817127	5.01%	0.456%
52	12.911	943	947	953	rVV5	11476243	22059394	18.98%	1.728%
53	13.014	953	956	959	rVV	9160091	15231392	13.11%	1.193%
54	13.071	959	961	964	rVV3	3548580	9581913	8.25%	0.750%
55	13.162	968	969	971	rVV2	2665323	4550332	3.92%	0.356%
56	13.208	971	973	975	rVV2	6898905	10525465	9.06%	0.824%
57	13.254	975	977	978	rVV	5790234	9037288	7.78%	0.708%
58	13.288	978	980	981	rVV	6711071	11943759	10.28%	0.935%
59	13.368	985	987	990	rVV2	13522883	29704808	25.56%	2.326%
60	13.505	990	999	1000	rVV	15033366	58942895	50.72%	4.616%
61	13.551	1000	1003	1005	rVV2	4184044	8011909	6.89%	0.627%
62	13.585	1005	1006	1008	rVV2	3750056	5996180	5.16%	0.470%
63	13.631	1008	1010	1012	rVV2	2294321	4222565	3.63%	0.331%
64	13.722	1012	1018	1020	rVV4	8440037	20501658	17.64%	1.606%
65	13.802	1020	1025	1026	rVV2	6278985	11998501	10.33%	0.940%
66	13.837	1026	1028	1033	rVV	7980674	15090084	12.99%	1.182%
67	13.951	1033	1038	1044	rVV3	8967664	39203432	33.74%	3.070%
68	14.065	1044	1048	1054	rVV	9317020	39501889	33.99%	3.094%
69	14.237	1054	1063	1066	rVV2	18079899	85555918	73.63%	6.700%
70	14.385	1066	1076	1078	rVV2	19443126	116201028	100.00%	9.100%
71	14.431	1078	1080	1081	rVV	6520226	10362044	8.92%	0.812%

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72	14.454	1081	1082	1085	rVV2	7703557	11028616	9.49%	0.864%
73	14.511	1085	1087	1089	rVV2	2514074	4998611	4.30%	0.391%
74	14.557	1089	1091	1099	rVB3	3678371	10771928	9.27%	0.844%
75	14.740	1106	1107	1109	rBV	2079457	2996508	2.58%	0.235%
76	14.774	1109	1110	1114	rVV	2542468	2296412	1.98%	0.180%
77	14.831	1114	1115	1119	rVB2	2796598	5754658	4.95%	0.451%
78	14.900	1119	1121	1125	rVB3	1937710	3709365	3.19%	0.291%
79	14.980	1125	1128	1131	rBV	2534760	4754204	4.09%	0.372%
80	15.083	1134	1137	1144	rVB2	5850008	11964122	10.30%	0.937%
81	15.197	1144	1147	1150	rVB	5045535	6116047	5.26%	0.479%
82	15.311	1154	1157	1164	rVB2	1158294	4214783	3.63%	0.330%
83	15.437	1164	1168	1170	rBV2	1602003	2749104	2.37%	0.215%
84	15.631	1181	1185	1187	rBV	3621760	6402301	5.51%	0.501%
85	15.883	1201	1207	1209	rBV	10916085	31003645	26.68%	2.428%
86	15.917	1209	1210	1214	rVB	3023382	3351170	2.88%	0.262%
87	16.020	1214	1219	1223	rVB	6584450	13066449	11.24%	1.023%
88	16.328	1237	1246	1251	rVB3	7357460	28388519	24.43%	2.223%
89	16.808	1281	1288	1291	rBV2	1182730	4196840	3.61%	0.329%
90	16.946	1291	1300	1310	rVB	10151100	40154597	34.56%	3.145%
91	17.117	1311	1315	1320	rVB	2556838	5812720	5.00%	0.455%
92	17.231	1321	1325	1330	rVB2	746360	1909507	1.64%	0.150%
93	17.380	1330	1338	1342	rBV	3712797	12964000	11.16%	1.015%
94	17.563	1349	1354	1359	rBV2	1376639	4247997	3.66%	0.333%
95	17.791	1359	1374	1379	rBV2	4779116	25487531	21.93%	1.996%
96	17.894	1380	1383	1389	rVB5	704559	2002680	1.72%	0.157%
97	18.146	1397	1405	1414	rVB2	3703150	15353681	13.21%	1.202%
98	18.386	1415	1426	1438	rVB	7350934	37600487	32.36%	2.945%
99	18.626	1443	1447	1455	rVB	755631	2455143	2.11%	0.192%
100	20.363	1586	1599	1612	rVB	1952363	10821295	9.31%	0.847%

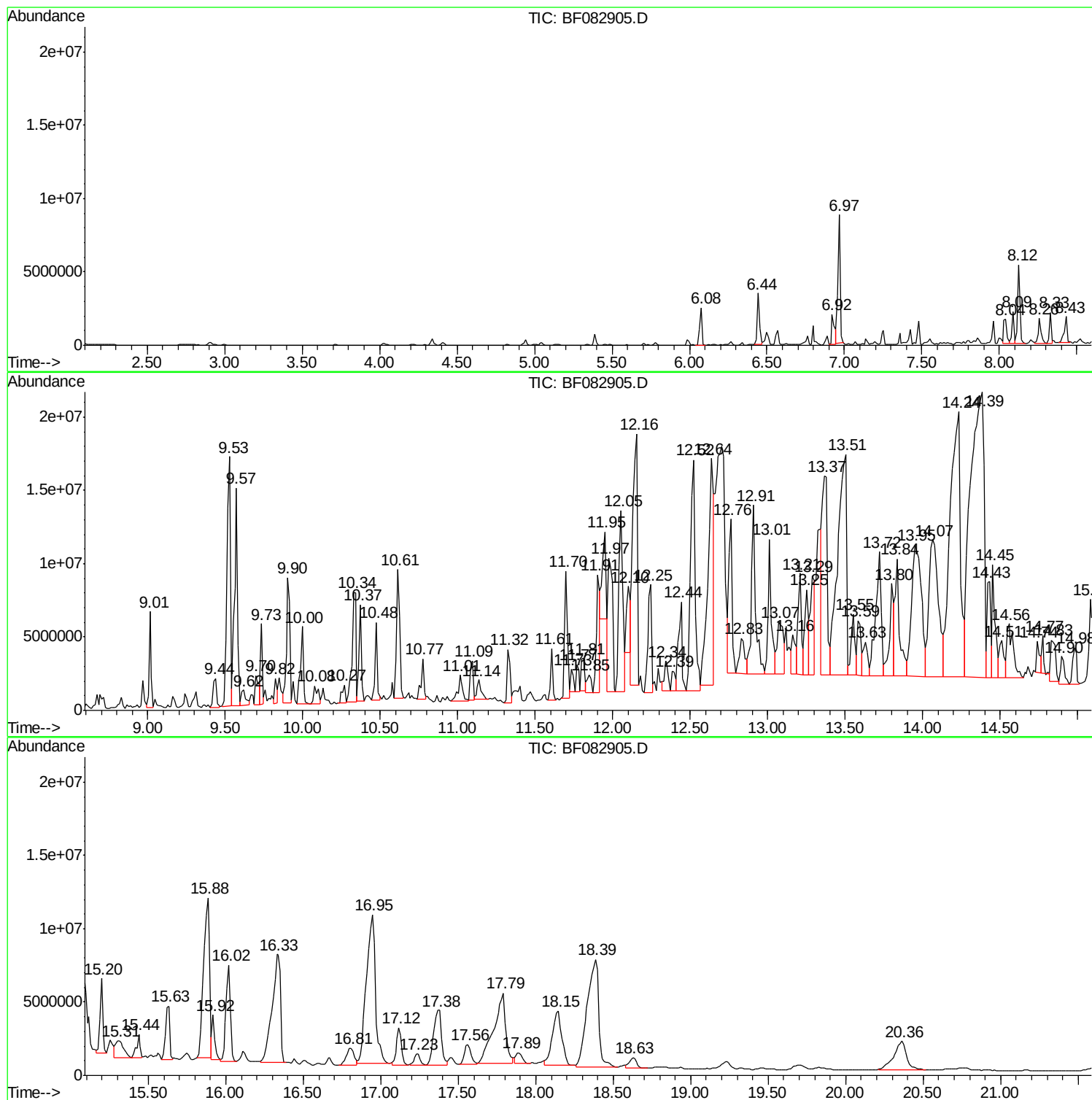
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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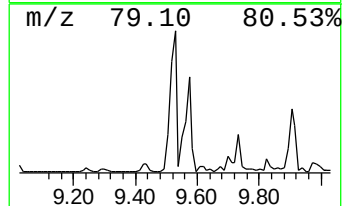
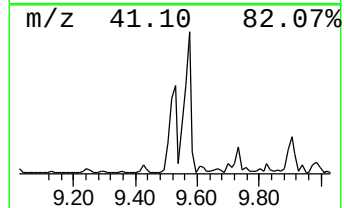
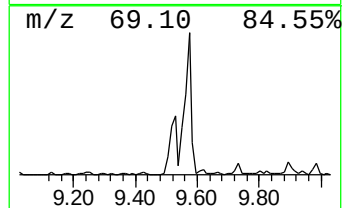
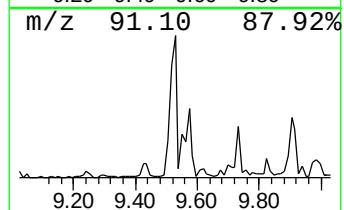
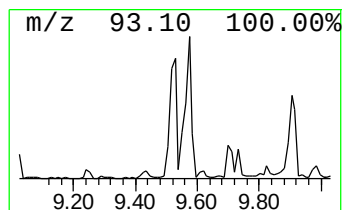
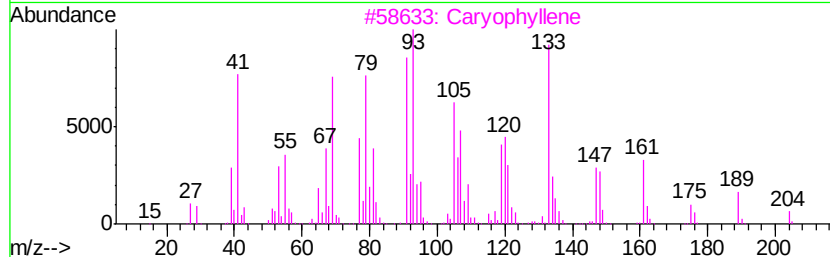
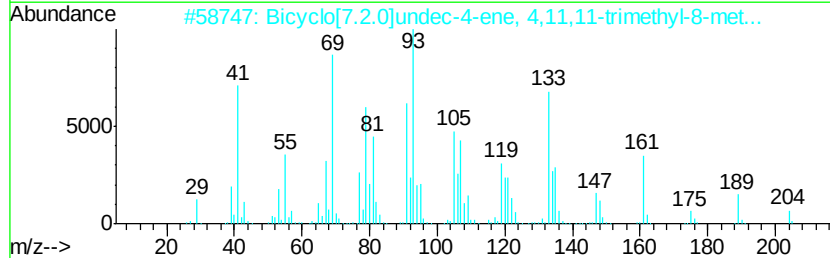
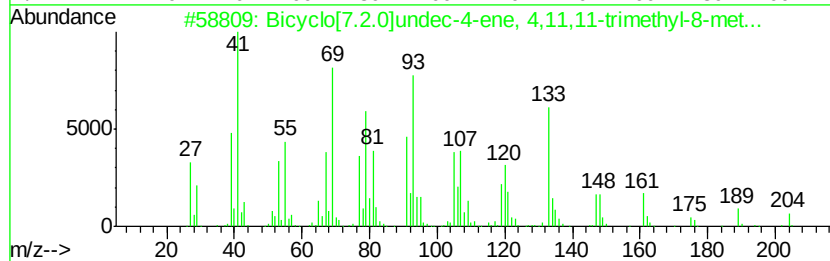
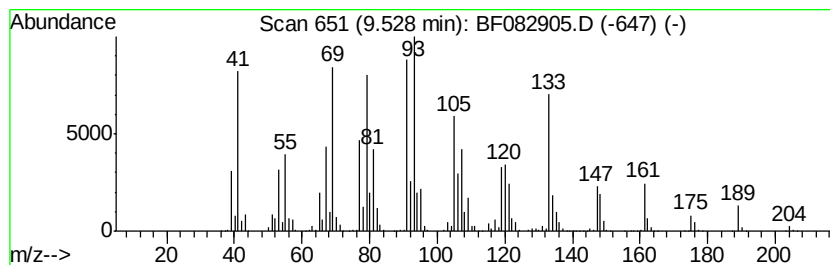
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Bicyclo[7.2.0]undec-4-ene, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	279.88 ng	25064500	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	000118-65-0 99
2		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	013877-93-5 93
3		Carvophyllene	204 C15H24	000087-44-5 90
4		Isocaryophyllene	204 C15H24	1000140-07-2 76
5		Bicyclo[2.2.1]heptane, 2,2-dimet...	136 C10H16	005794-03-6 38



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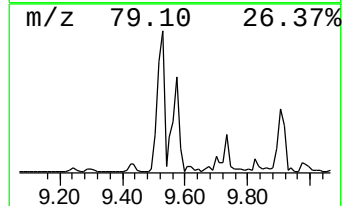
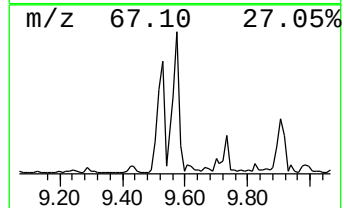
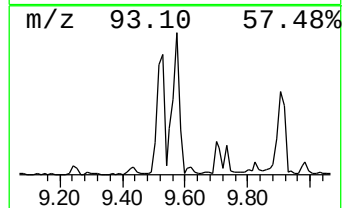
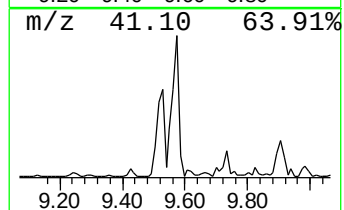
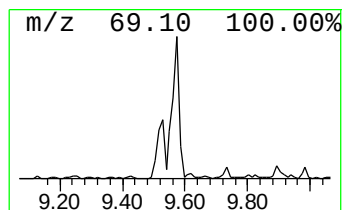
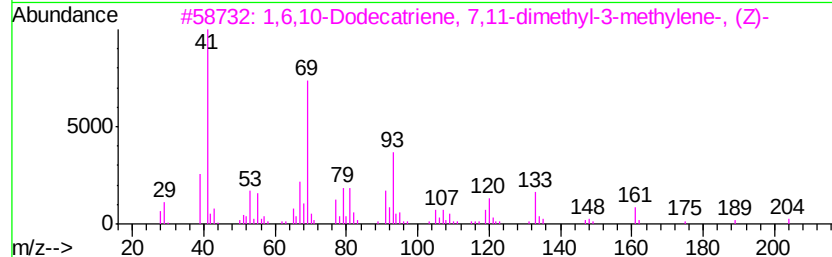
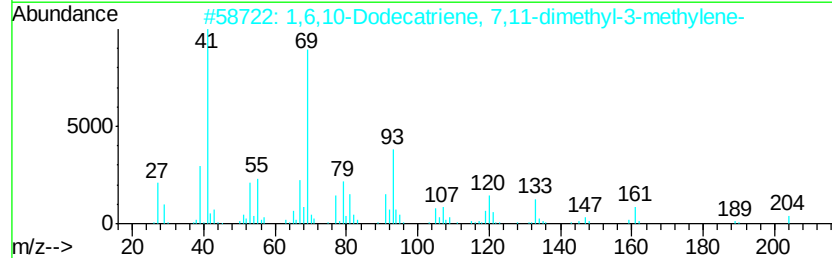
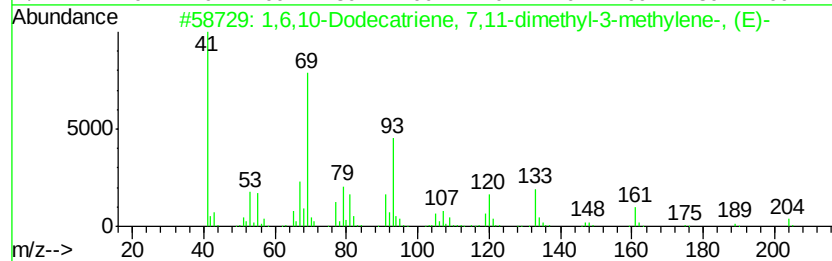
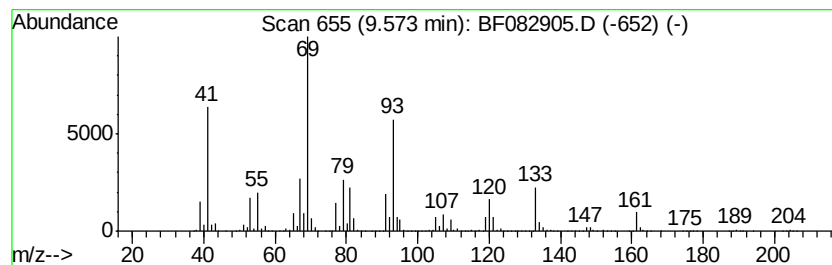
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,6,10-Dodecatriene, 7,11-d... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	252.88 ng	22646500	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,6,10-Dodecatriene, 7,11-dimeth...	204	C15H24	018794-84-8	91
2		1,6,10-Dodecatriene, 7,11-dimeth...	204	C15H24	077129-48-7	90
3		1,6,10-Dodecatriene, 7,11-dimeth...	204	C15H24	028973-97-9	80
4		Propanoic acid, 2-methyl-, 3,7-d...	224	C14H24O2	002345-26-8	47
5		.beta.-Myrcene	136	C10H16	000123-35-3	40



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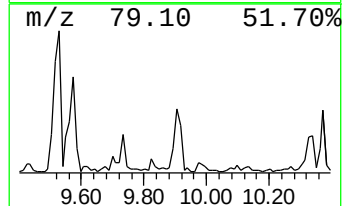
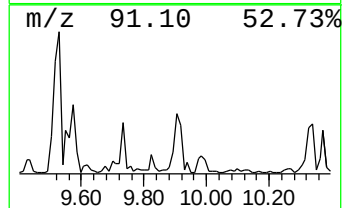
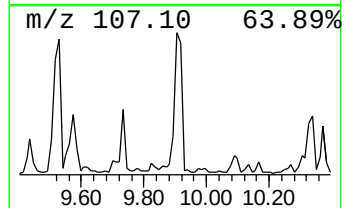
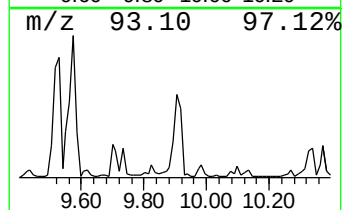
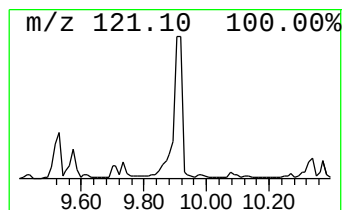
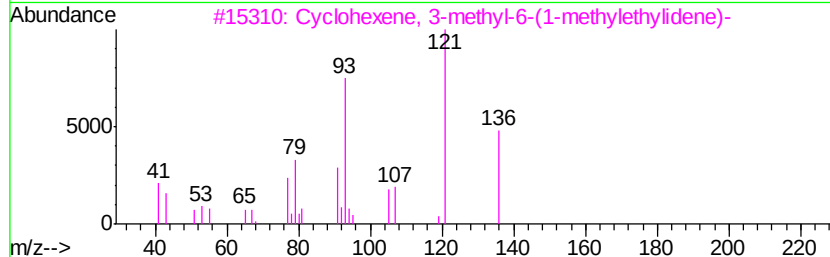
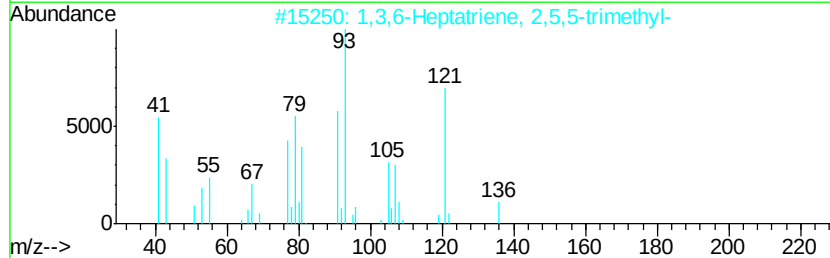
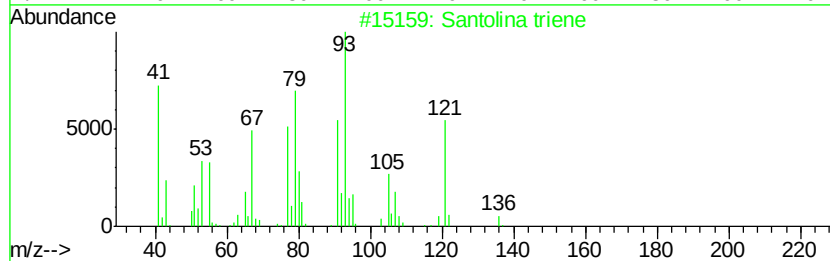
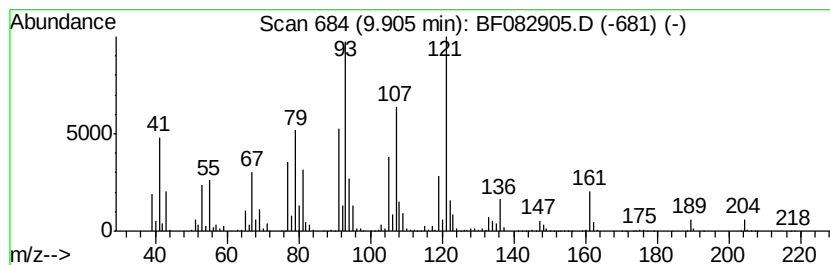
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Peak Number 3 Santolina triene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	154.80 ng	13863300	Acenaphthene-d10	9.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Santolina triene	136	C10H16	002153-66-4	76
2		1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	70
3		Cyclohexene, 3-methyl-6-(1-methyl-...	136	C10H16	000586-63-0	68
4		.gamma.-Elemene	204	C15H24	030824-67-0	64
5		Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
Operator : UM/IZ
Sample : G4390-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
15K0812

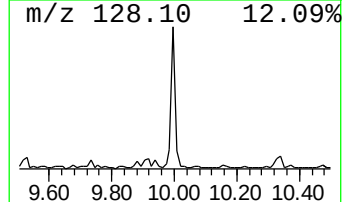
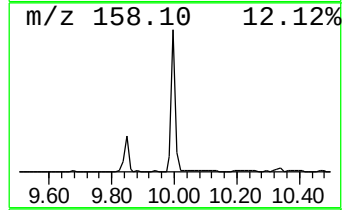
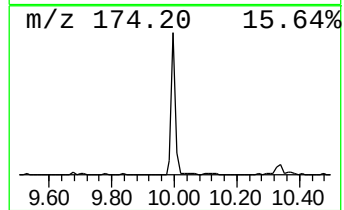
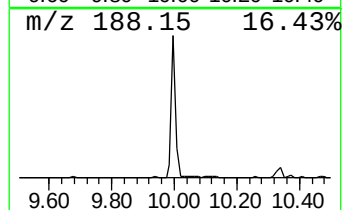
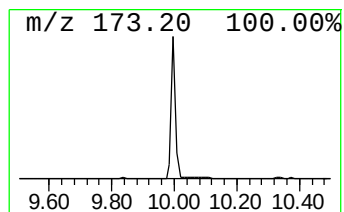
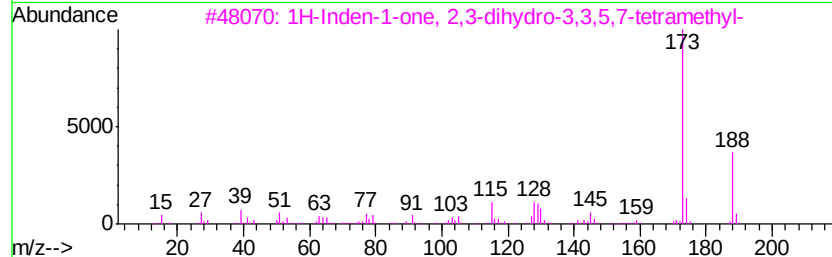
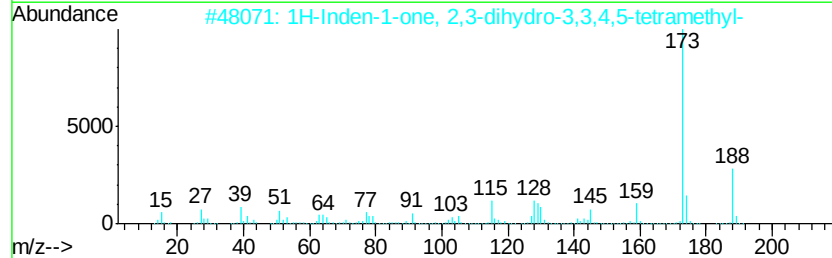
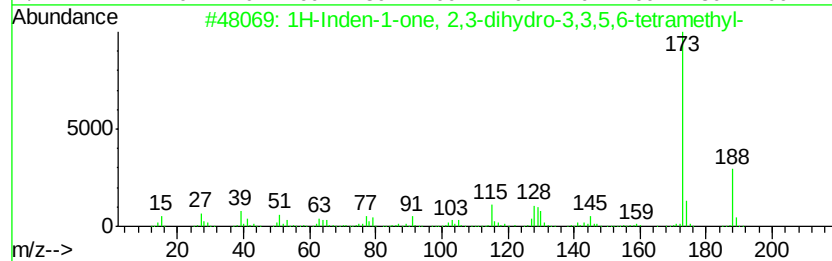
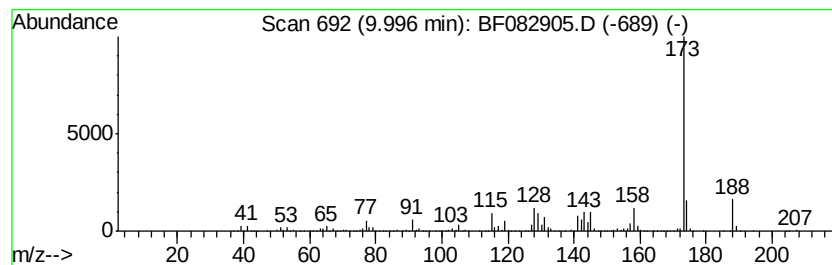
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	77.67 ng	6955600	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-22-9	87
2		1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	056298-98-7	87
3		1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-23-0	87
4		Naphthalene, 6-(1,1-dimethylethy...	188	C14H20	042044-26-8	81
5		1,4,6,7-Tetramethyl1,2,3,4-tetra...	188	C14H20	1000113-61-3	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
Operator : UM/IZ
Sample : G4390-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
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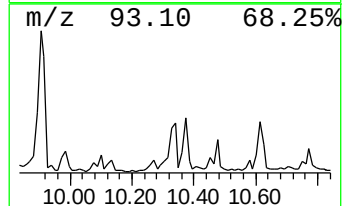
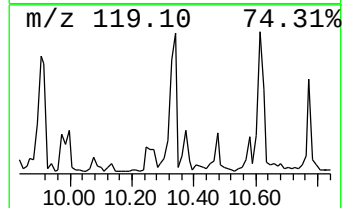
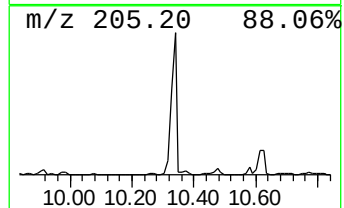
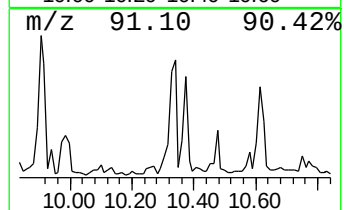
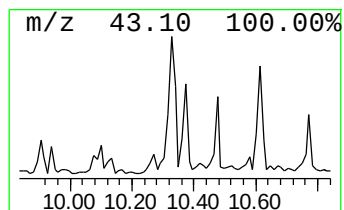
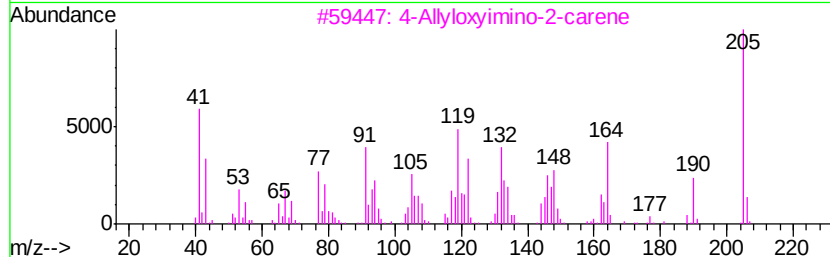
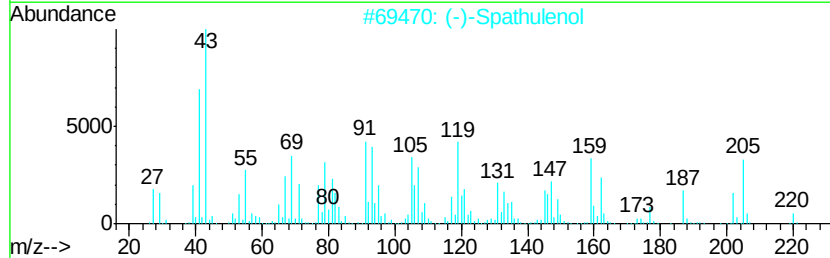
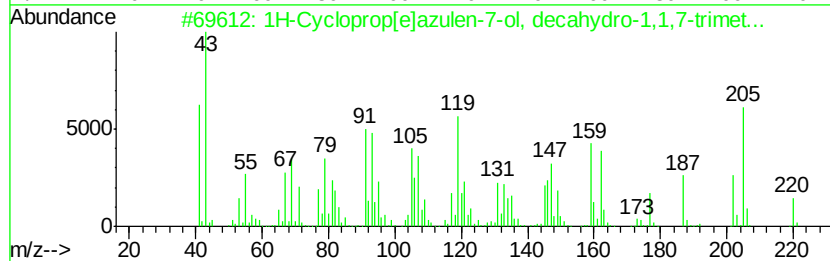
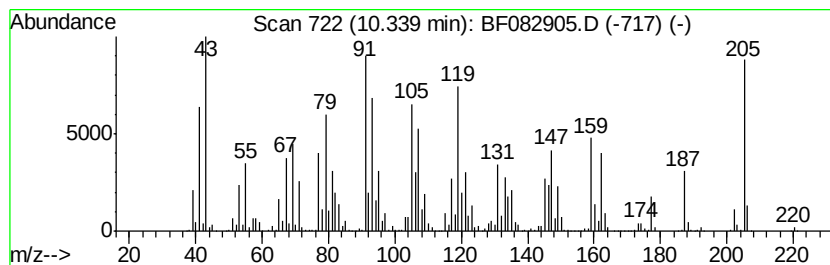
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1H-Cycloprop[e]azulen-7-ol,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	152.46 ng	13653500	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cycloprop[elazulen-7-ol, deca...	220	C15H24O	006750-60-3	94
2		(-)-Spathulenol	220	C15H24O	077171-55-2	90
3		4-Allyloxvmino-2-carene	205	C13H19NO	1000140-09-0	27
4		1H-1,5-Benzodiazepine, 2,3,4,5-t...	162	C10H14N2	040358-34-7	27
5		2-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-43-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
Operator : UM/IZ
Sample : G4390-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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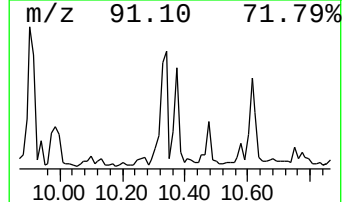
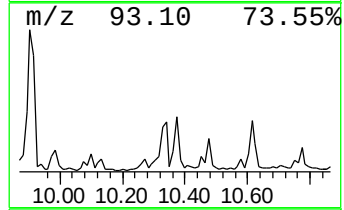
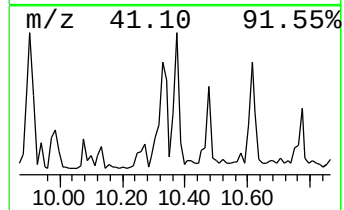
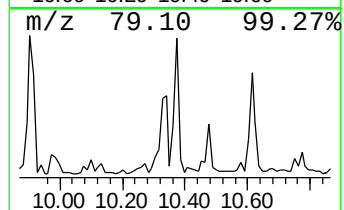
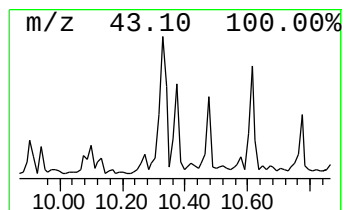
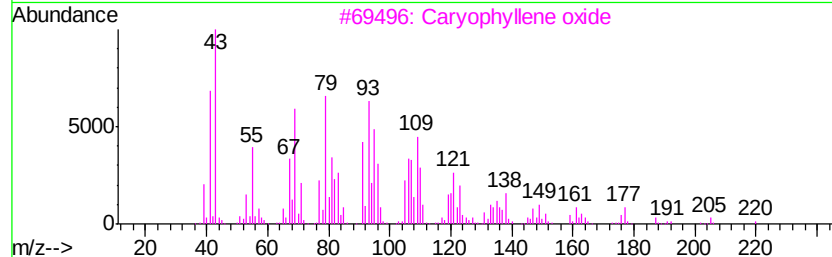
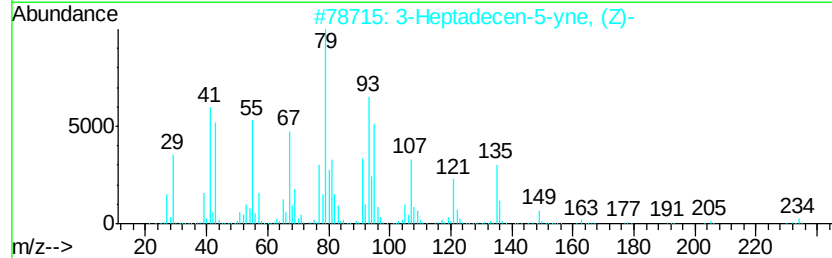
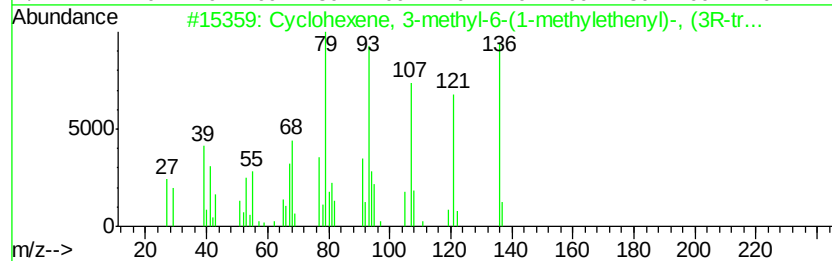
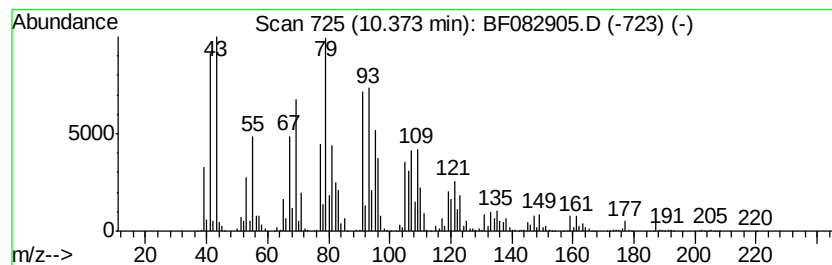
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexene, 3-methyl-6-(1-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	74.98 ng	6715300	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 3-methyl-6-(1-methyl-6-(1-methylethenyl)-, (3R-tr...	136	C10H16	005113-87-1	78
2		3-Heptadecen-5-yne, (Z)-	234	C17H30	074744-55-1	58
3		Carvophyllene oxide	220	C15H24O	001139-30-6	58
4		Cyclohexene, 5-methyl-3-(1-methyl-6-(1-methylethenyl)-, (3R-tr...	136	C10H16	056816-08-1	49
5		7-Propylidene-bicyclo[4.1.0]heptane	136	C10H16	082253-09-6	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
Operator : UM/IZ
Sample : G4390-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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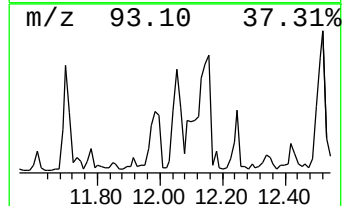
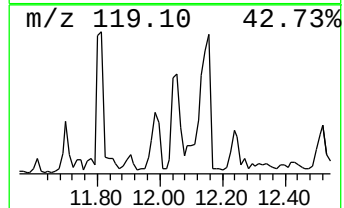
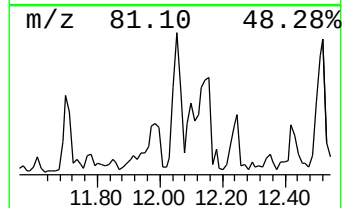
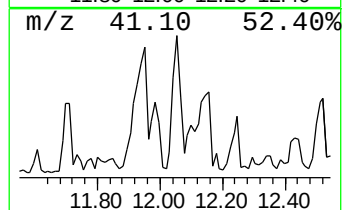
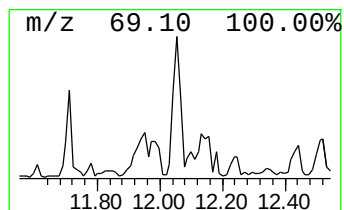
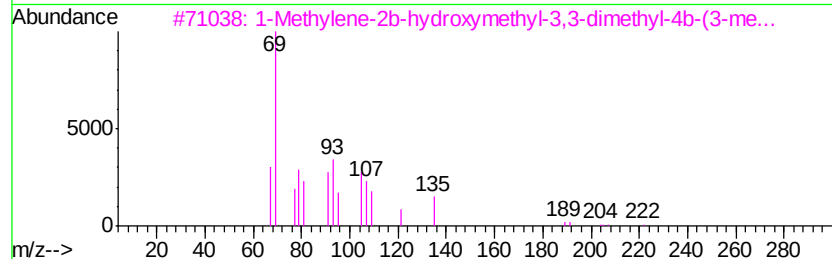
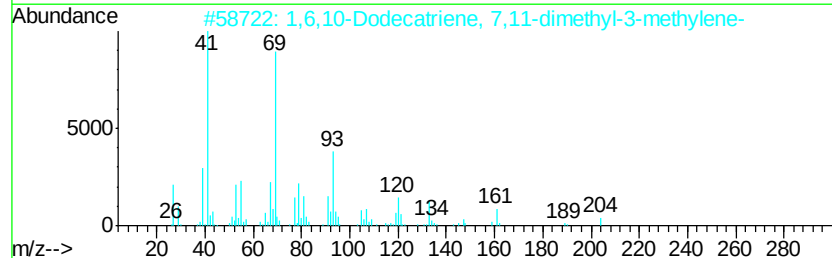
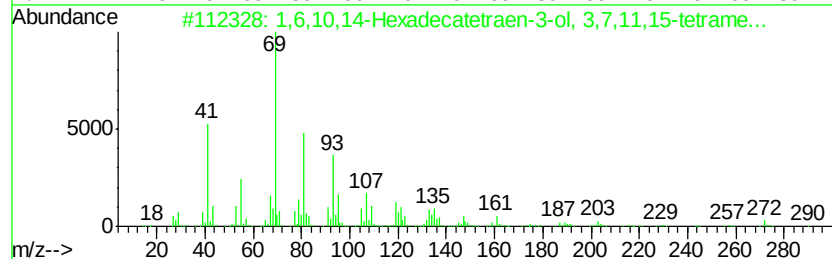
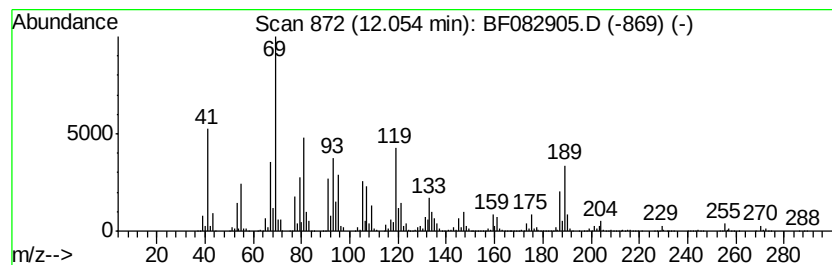
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown12.05 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	90.99 ng	21789300	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,6,10,14-Hexadecatetraen-3-ol, ...	290	C20H34O	001113-21-9	47
2		1,6,10-Dodecatriene, 7,11-dimeth...	204	C15H24	077129-48-7	35
3		1-Methylene-2b-hydroxymethyl-3,3...	222	C15H26O	1000144-10-6	35
4		1,6,10-Dodecatriene, 7,11-dimeth...	204	C15H24	028973-97-9	35
5		Cyclohexene, 3-(1,5-dimethyl-4-h...	204	C15H24	020307-83-9	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
Operator : UM/IZ
Sample : G4390-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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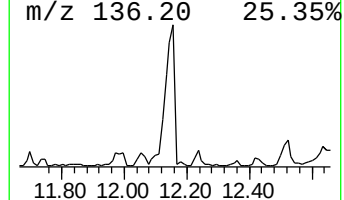
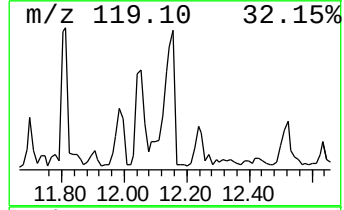
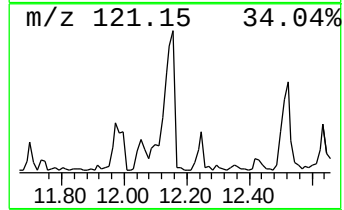
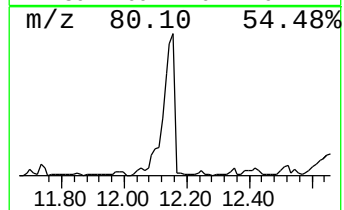
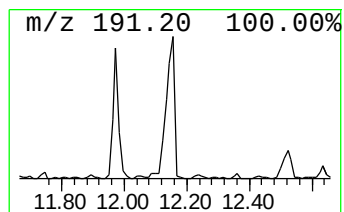
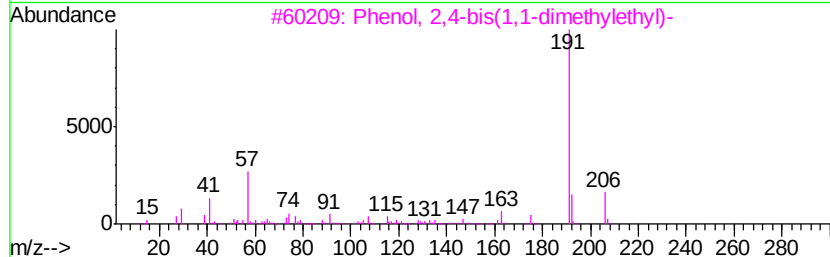
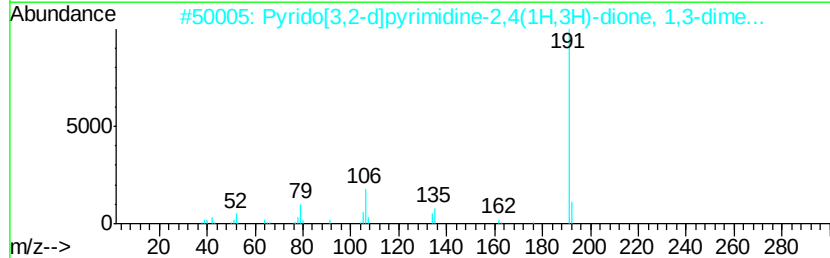
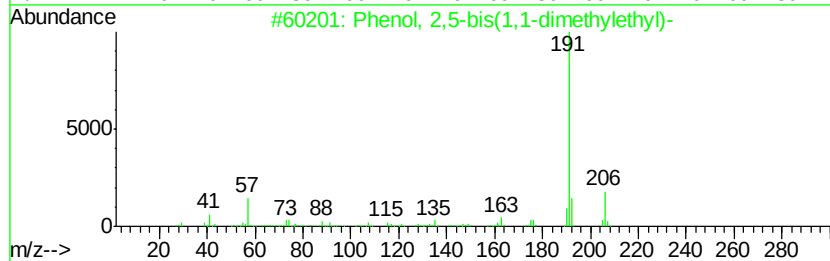
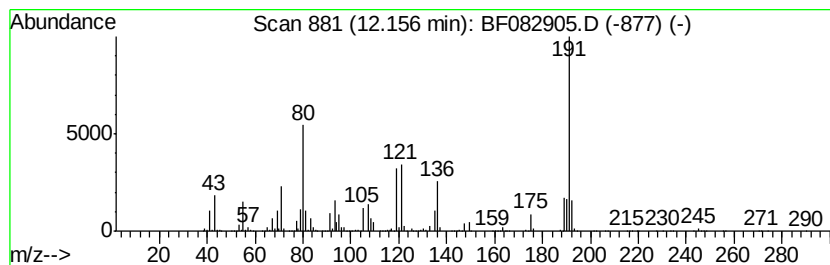
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown12.16 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	148.43 ng	35544300	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	35
2		Pyrido[3,2-d]pyrimidine-2,4(1H,3...)	191	C9H9N3O2	024410-25-1	35
3		Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	32
4		2-Amino-4-methyl-6-(2-thienyl)py...	191	C9H9N3S	026963-43-9	27
5		9-(Chloromethyl)anthracene	226	C15H11Cl	024463-19-2	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
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Misc :
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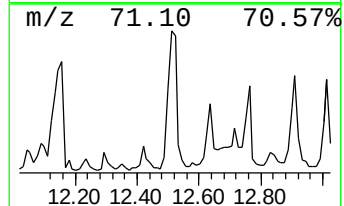
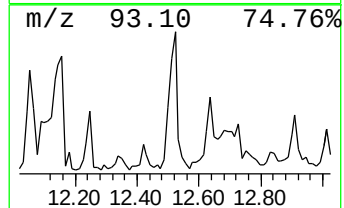
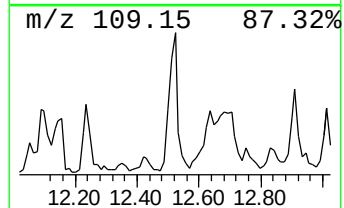
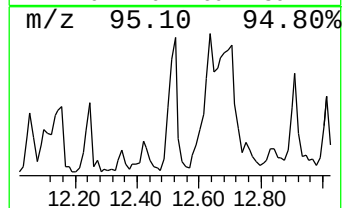
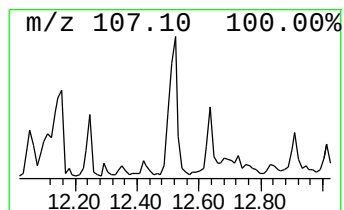
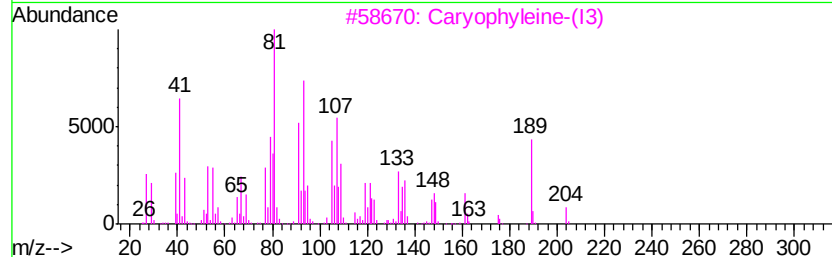
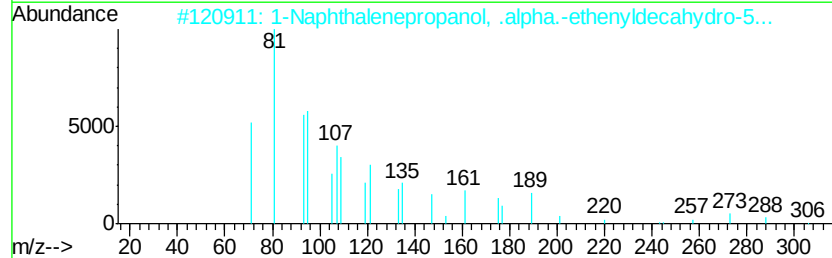
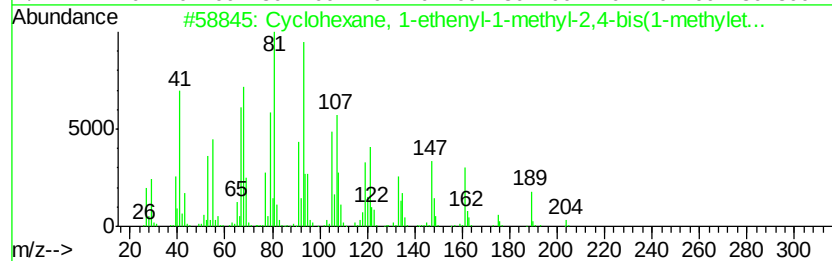
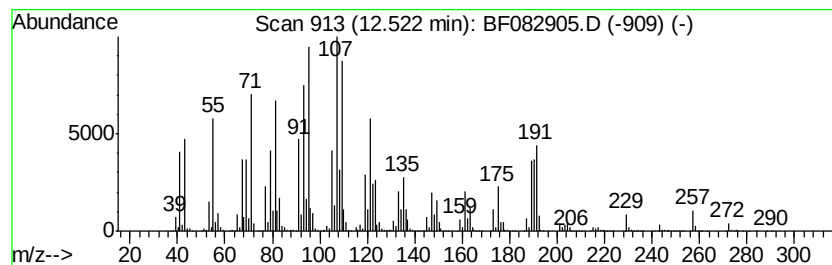
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, 1-ethenyl-1-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	133.35 ng	31932300	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	000515-13-9	78
2		1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	004549-12-6	50
3		Carvophyleine-(I3)	204	C15H24	136296-37-2	46
4		1,3-Cyclopentadiene, 1,3-bis(1-m...	150	C11H18	123278-27-3	22
5		Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	074806-55-6	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
Operator : UM/IZ
Sample : G4390-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

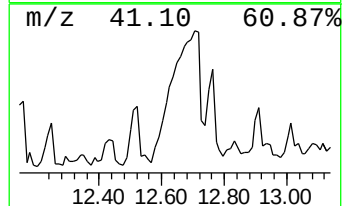
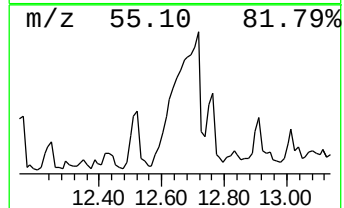
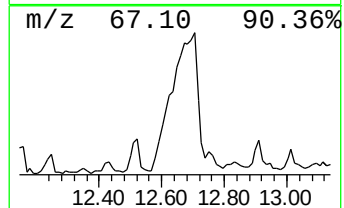
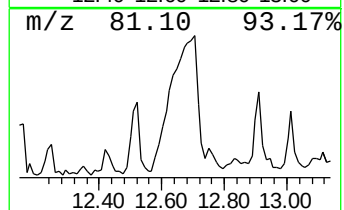
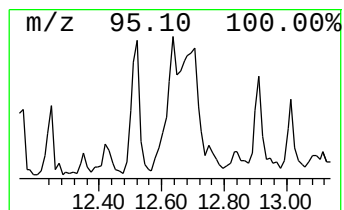
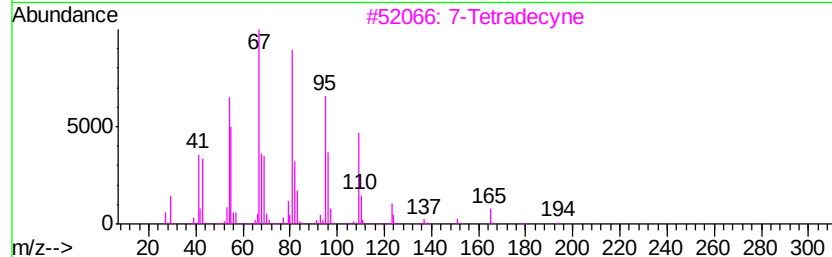
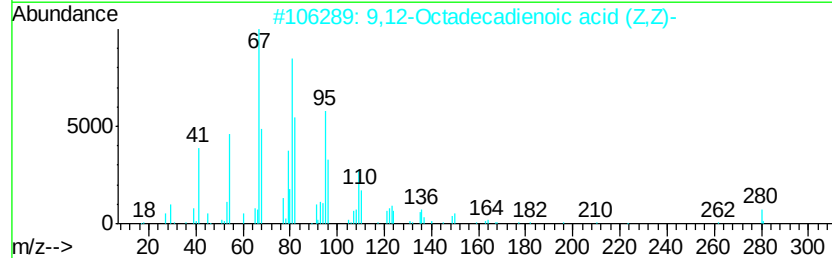
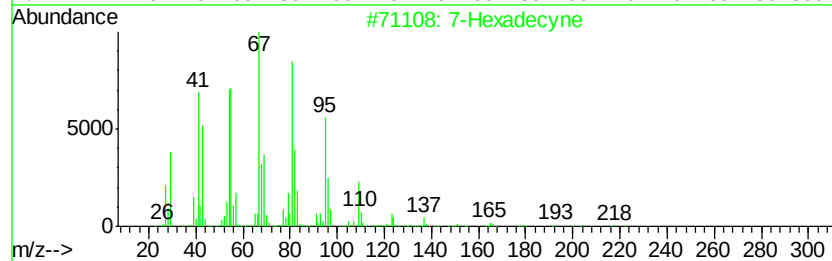
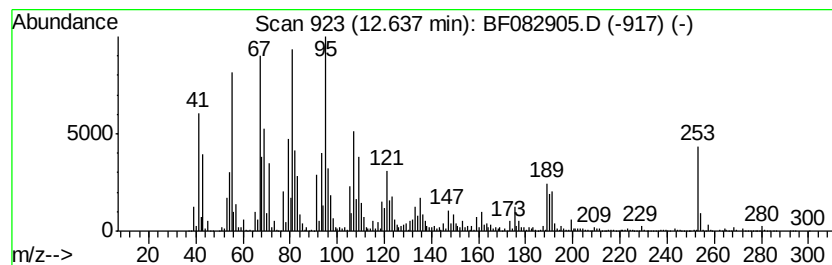
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 7-Hexadecyne Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.64	156.13 ng	37387700	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecyne	222	C16H30	074685-28-2	83
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	55
3	7-Tetradecyne	194	C14H26	035216-11-6	55
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	49
5	E-12-Tetradecenal	210	C14H26O	1000130-96-1	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
Operator : UM/IZ
Sample : G4390-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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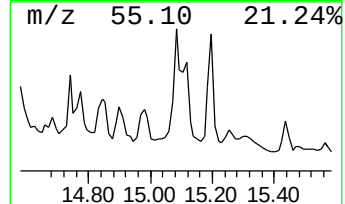
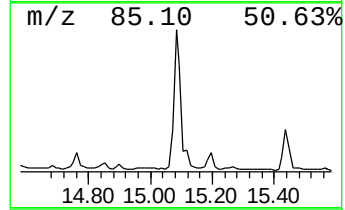
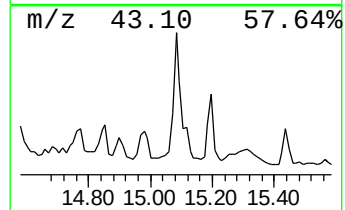
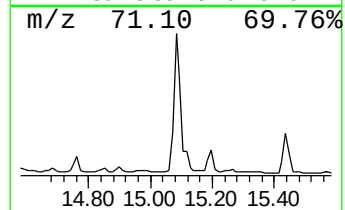
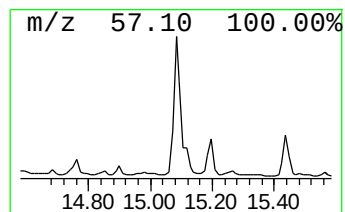
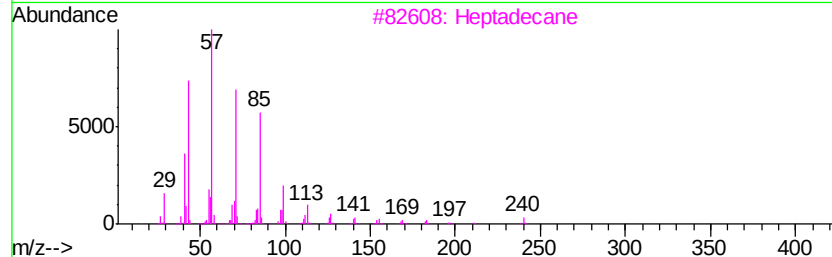
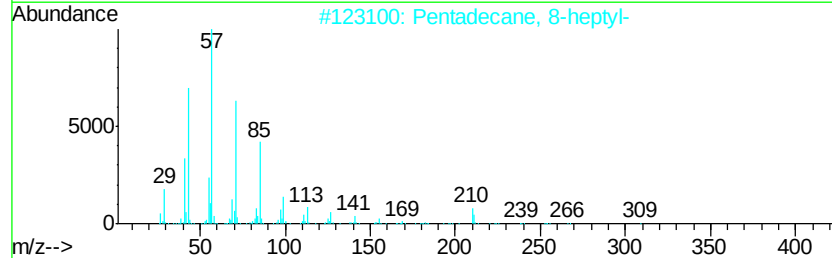
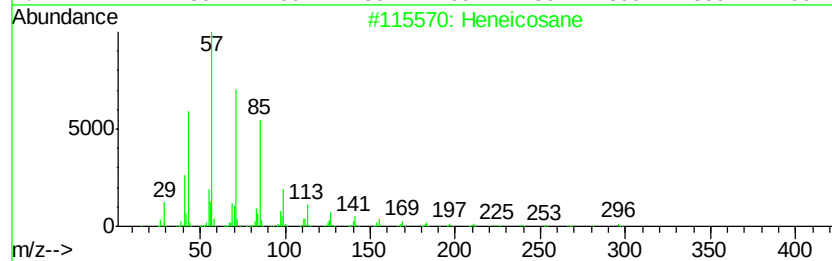
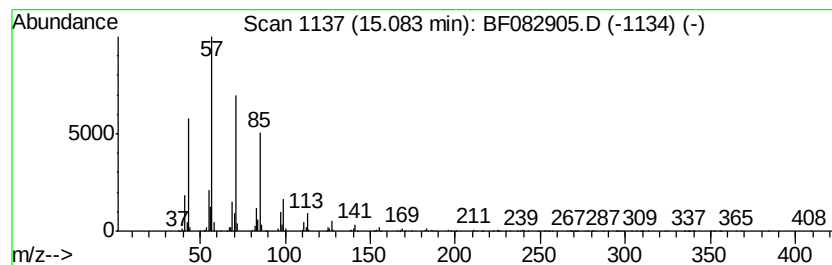
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	87.04 ng	11964100	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Heptadecane	240	C17H36	000629-78-7	90
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5		Tetratetracontane	619	C44H90	007098-22-8	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
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Misc :
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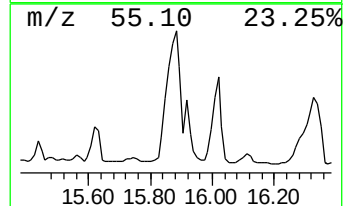
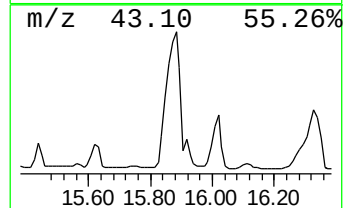
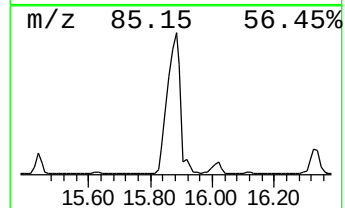
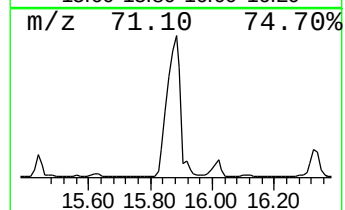
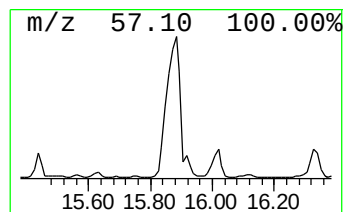
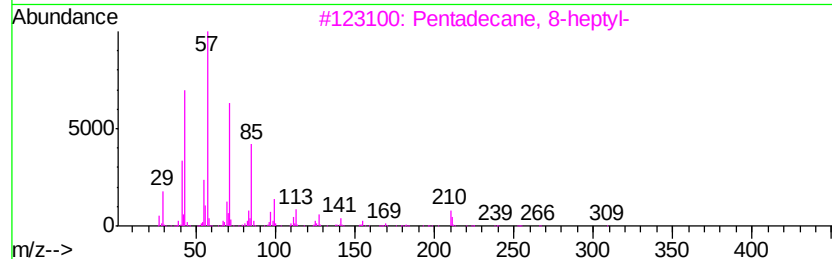
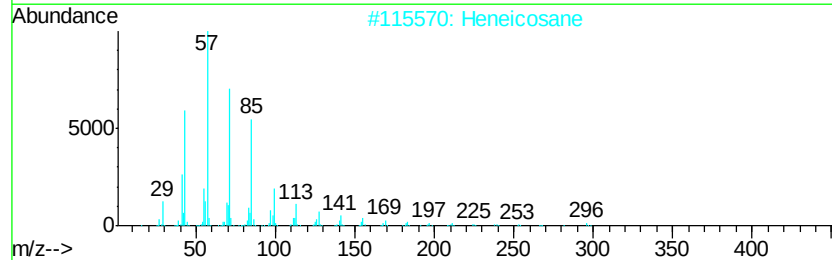
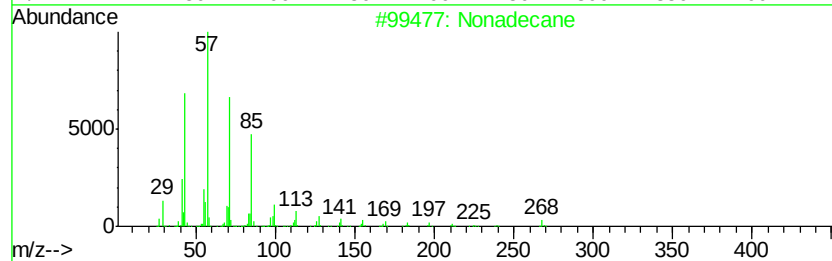
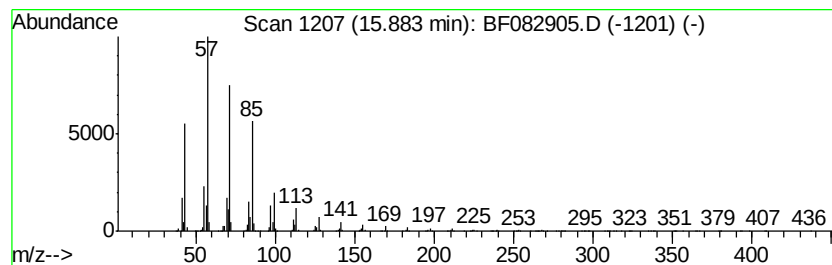
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	225.56 ng	31003600	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Octadecane	254	C18H38	000593-45-3	86
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
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Sample : G4390-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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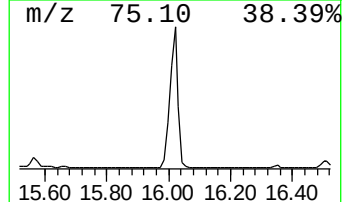
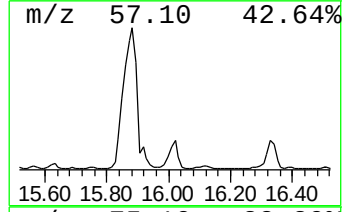
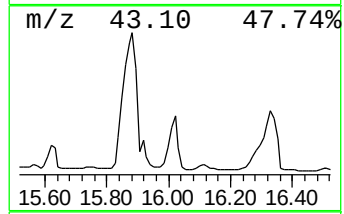
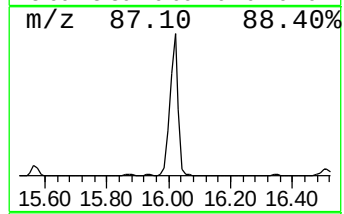
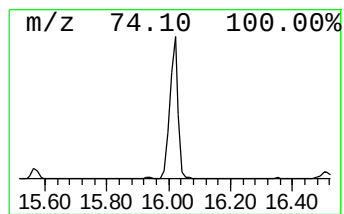
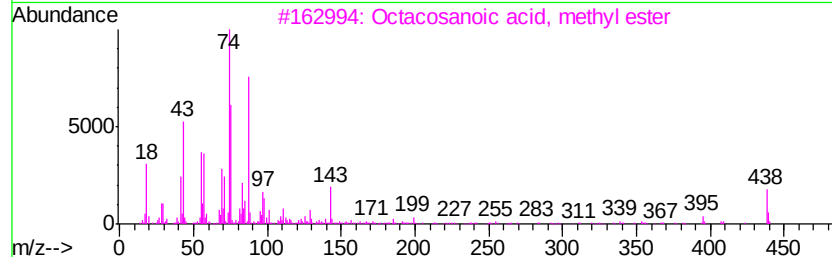
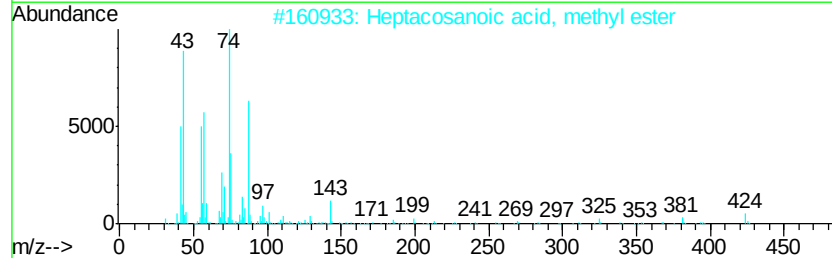
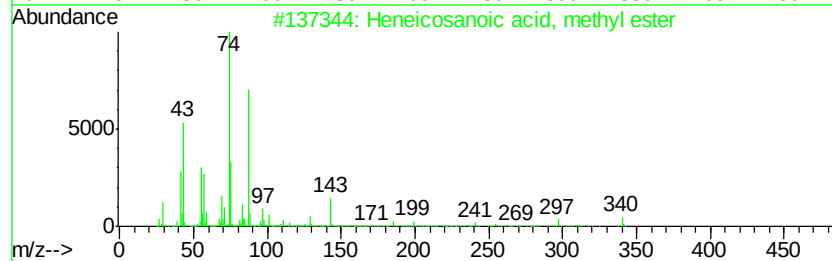
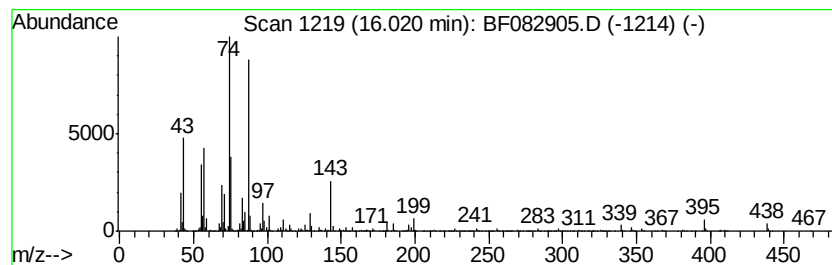
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosanoic acid, methyl ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	95.06 ng	13066400	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	78
2		Heptacosanoic acid, methyl ester	424	C28H56O2	055682-91-2	78
3		Octacosanoic acid, methyl ester	438	C29H58O2	055682-92-3	76
4		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	74
5		Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
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Misc :
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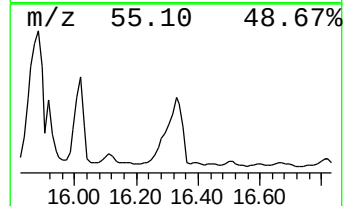
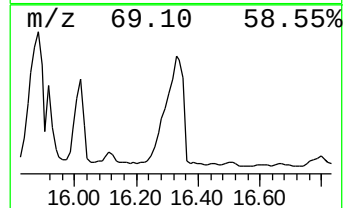
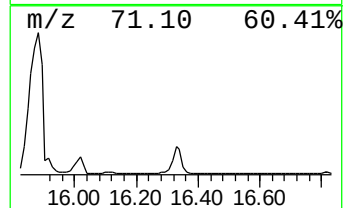
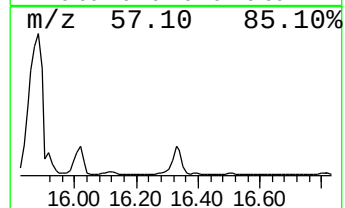
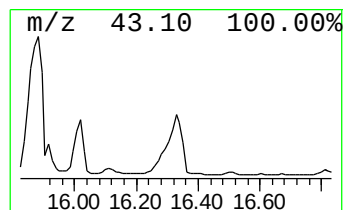
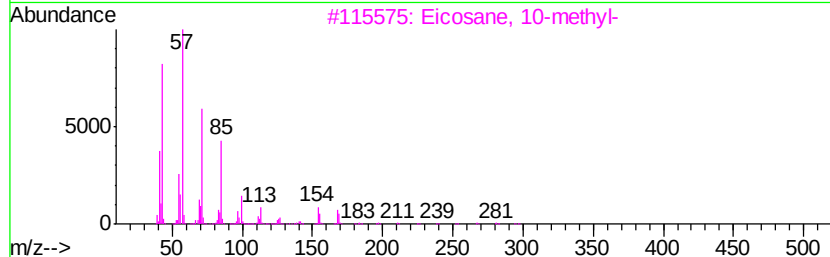
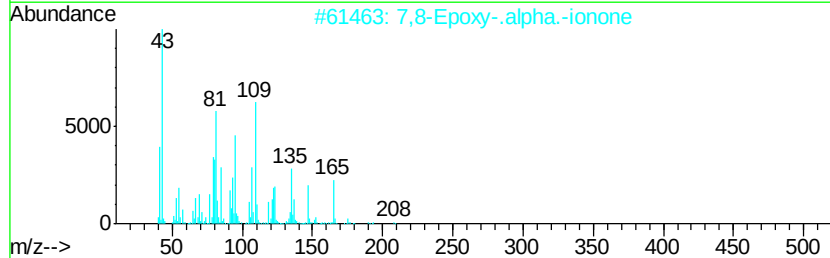
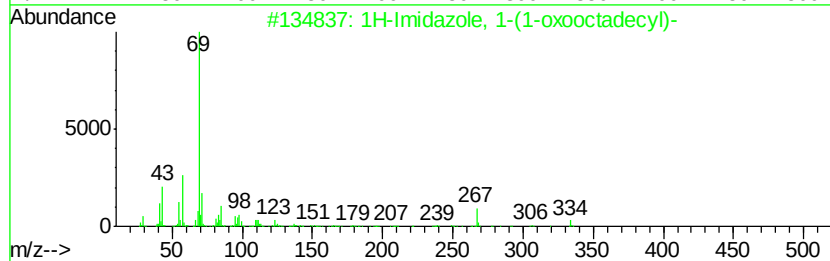
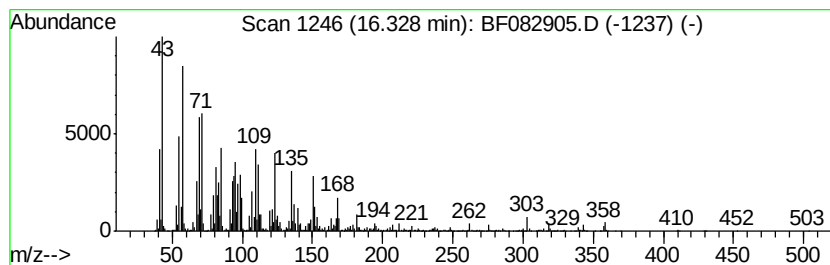
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown16.33 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	206.53 ng	28388500	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Imidazole, 1-(1-oxooctadecyl)-	334	C21H38N2O	017450-32-7	46
2		7,8-Epoxy-.alpha.-ionone	208	C13H20O2	037079-64-4	30
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	25
4		Spiro[2.5]octane, 5,5-dimethyl-4...	208	C14H24O	077143-32-9	25
5		Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	20



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
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Misc :
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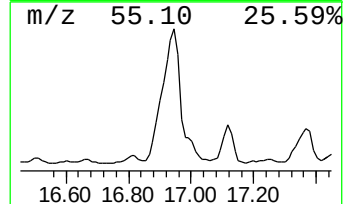
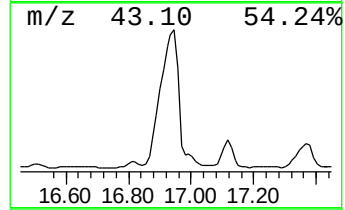
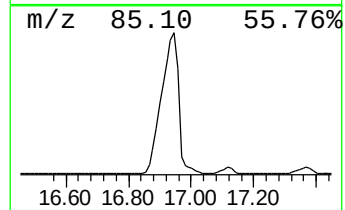
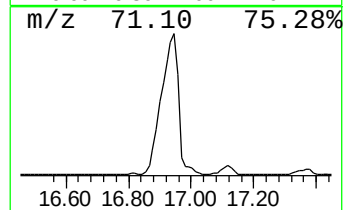
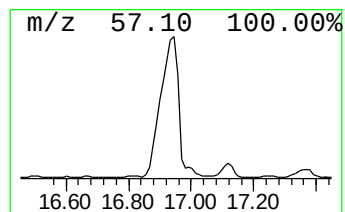
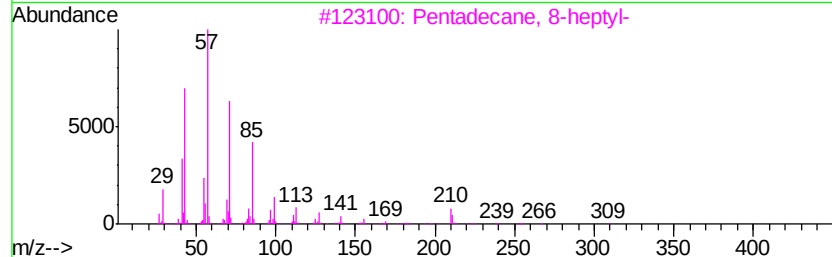
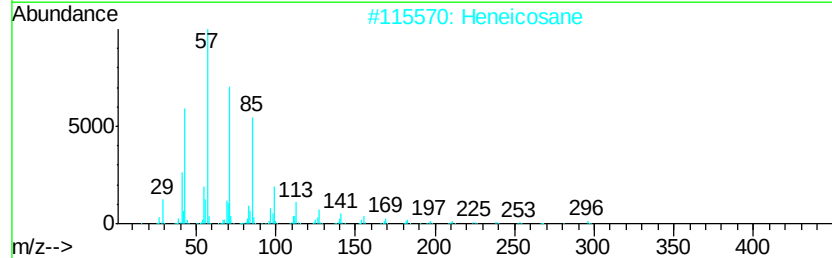
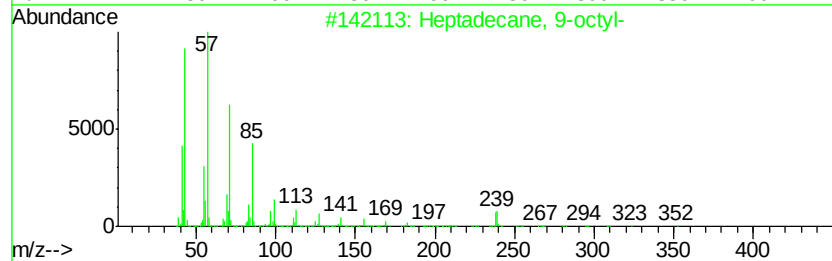
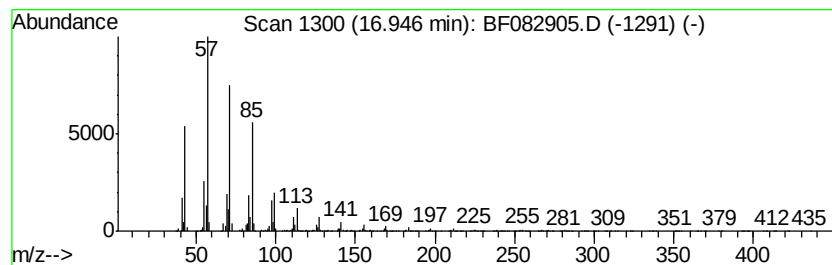
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 9-octyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	292.13 ng	40154600	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Octacosane	394	C28H58	000630-02-4	90
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
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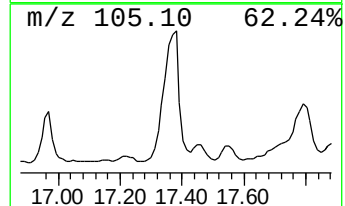
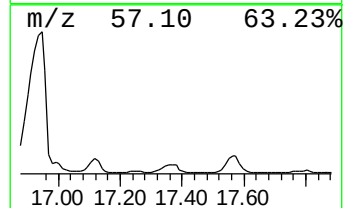
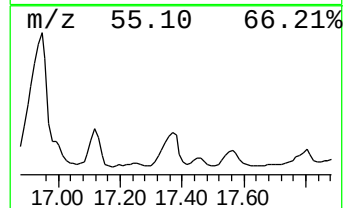
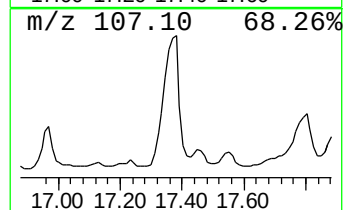
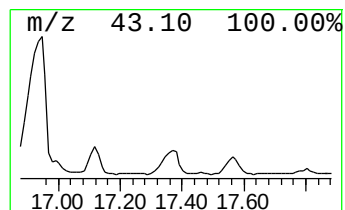
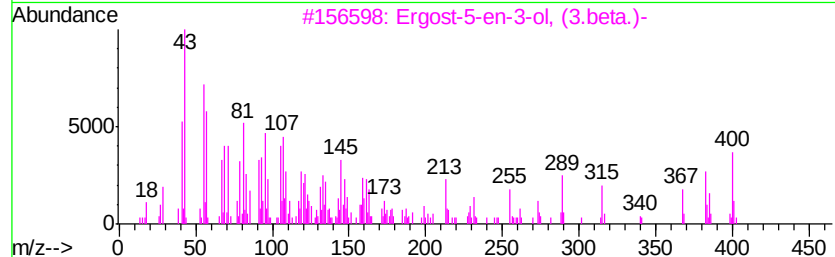
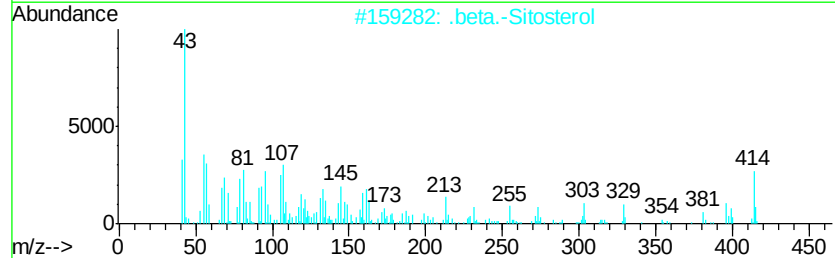
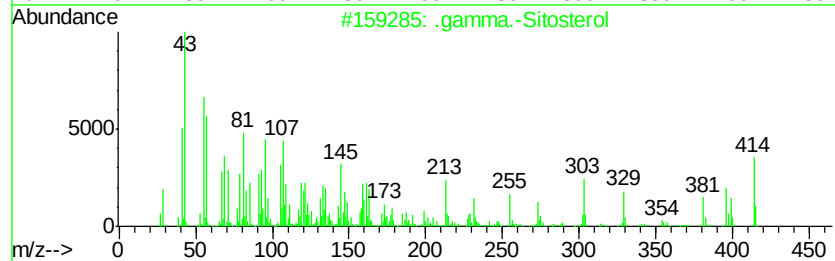
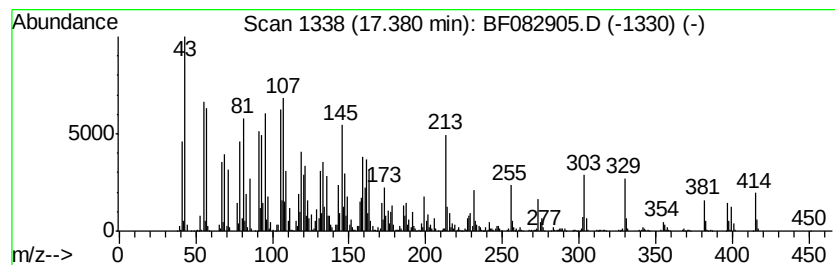
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 .gamma.-Sitosterol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	94.31 ng	12964000	Perylene-d12	15.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 99
2		.beta.-Sitosterol	414 C29H50O	000083-46-5 96
3		Ergost-5-en-3-ol, (3.beta.)-	400 C28H48O	004651-51-8 53
4		Stigmasterol, 22,23-dihydro-	414 C29H50O	1000214-20-7 46
5		17-(1,5-Dimethylhexyl)-10,13-dim...	414 C29H50O	1000210-86-9 43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
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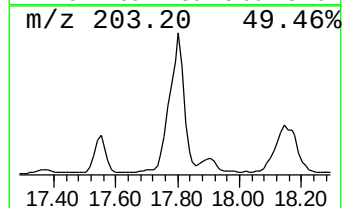
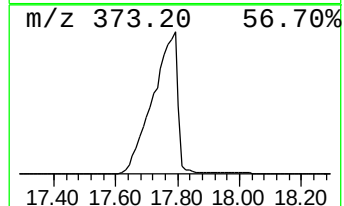
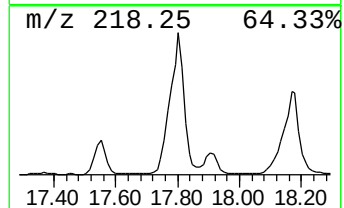
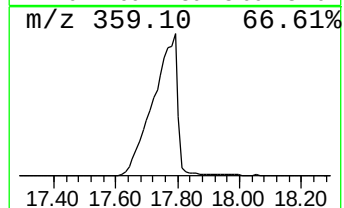
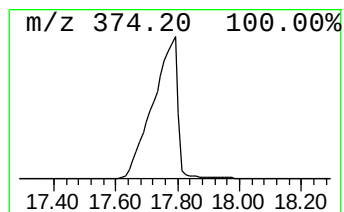
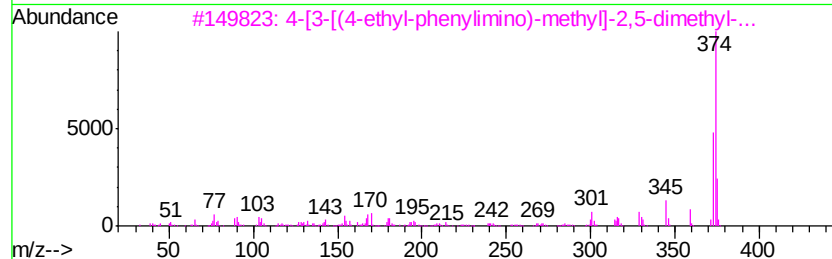
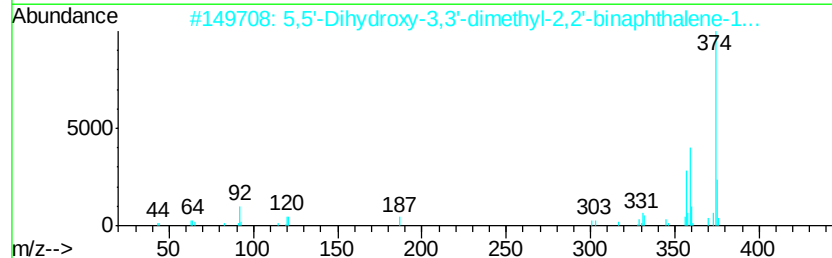
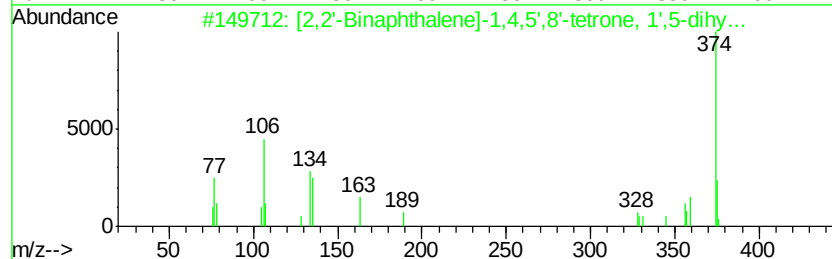
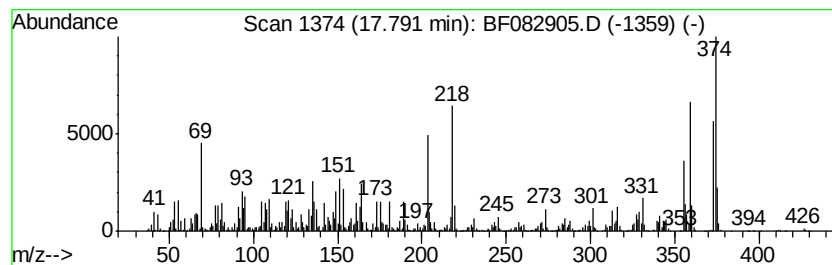
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 [2,2'-Binaphthalene]-1,4,5'... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	185.42 ng	25487500	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[2,2'-Binaphthalene]-1,4,5',8'-t...	374	C22H14O6	028164-57-0	80
2		5,5'-Dihydroxy-3,3'-dimethyl-2,2...	374	C22H14O6	085485-16-1	70
3		4-[3-[4-ethyl-phenylimino)-meth...	374	C24H26N2O2	1000294-69-5	64
4		4H-1-Benzopyran-4-one, 3,8-dihyd...	374	C19H18O8	040522-42-7	30
5		[1,2'-Binaphthalene]-5,5',8,8'-t...	374	C22H14O6	020175-84-2	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
Operator : UM/IZ
Sample : G4390-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
15K0812

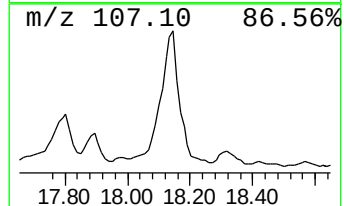
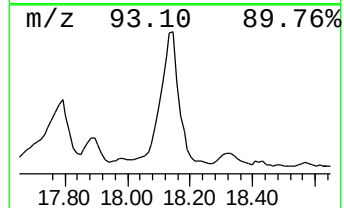
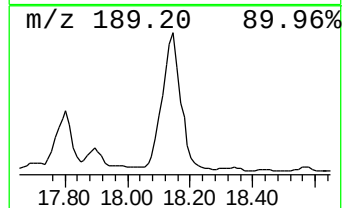
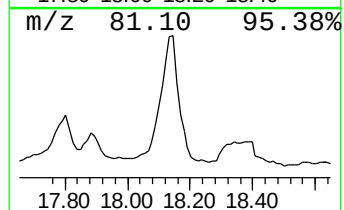
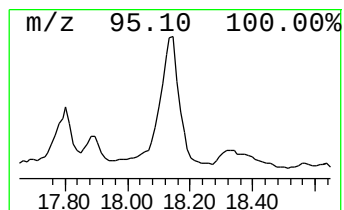
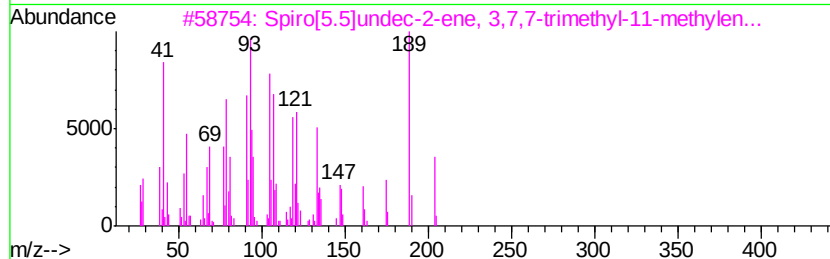
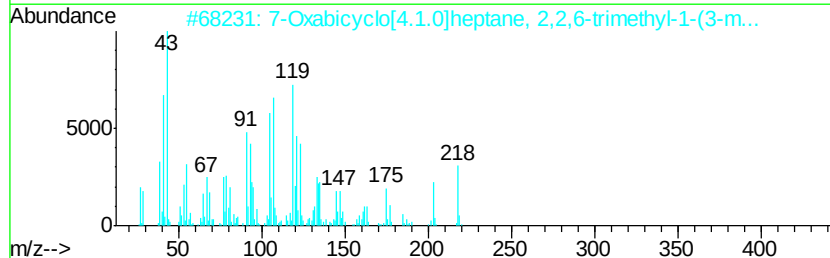
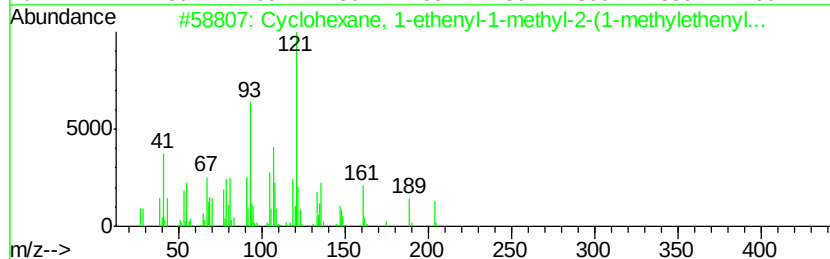
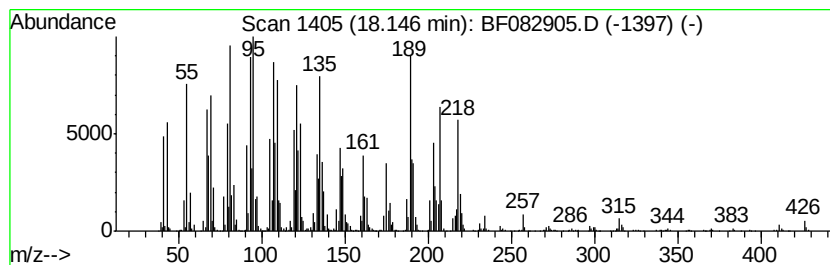
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown18.15 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	111.70 ng	15353700	Perylene-d12	15.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	46
2		7-Oxabicyclo[4.1.0]heptane, 2,2,...	218	C15H22O	070038-20-9	45
3		Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	45
4		.gamma.-Elemene	204	C15H24	030824-67-0	45
5		1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	015423-57-1	44



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
Operator : UM/IZ
Sample : G4390-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
15K0812

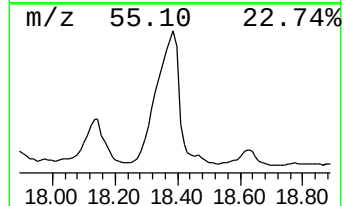
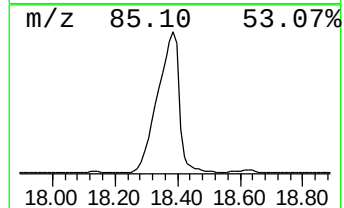
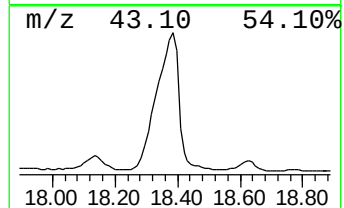
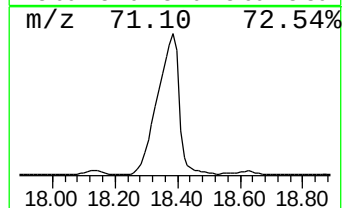
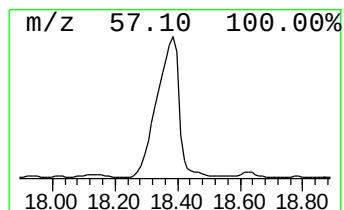
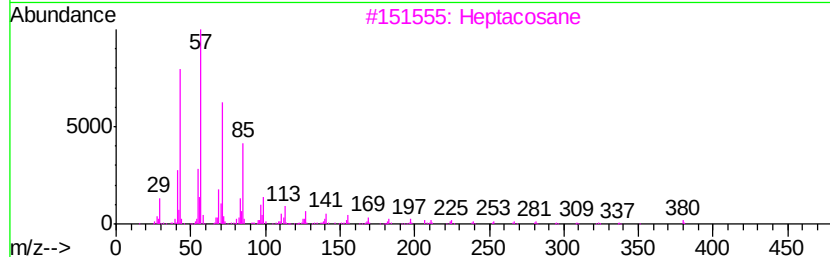
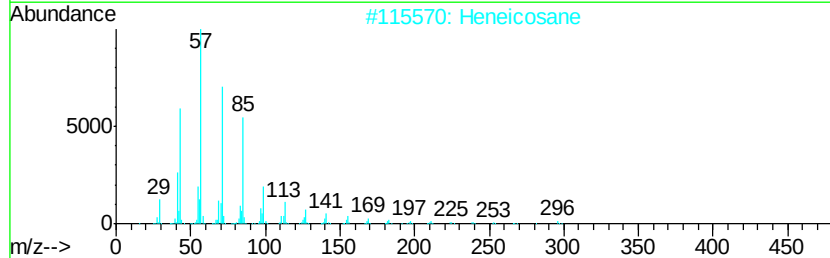
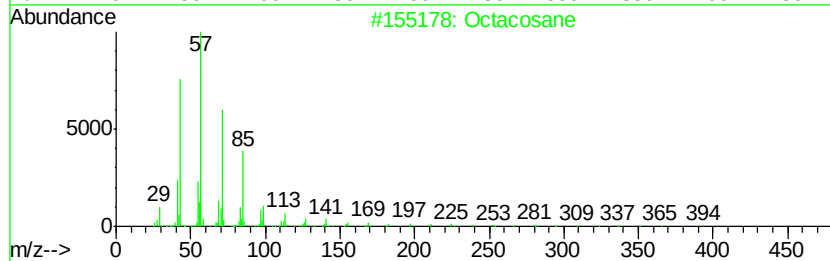
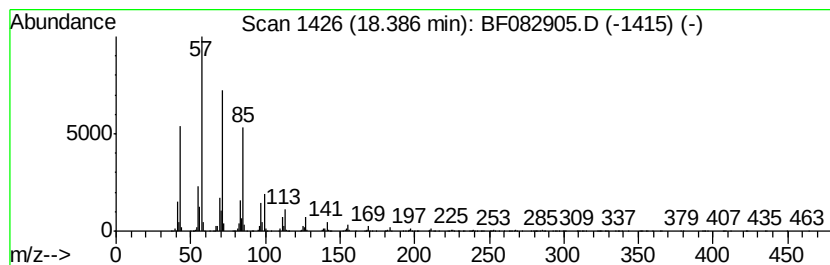
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	273.55 ng	37600500	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
Operator : UM/IZ
Sample : G4390-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
15K0812

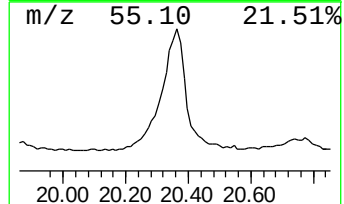
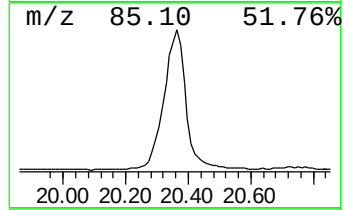
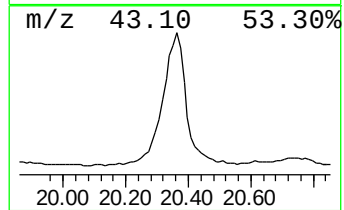
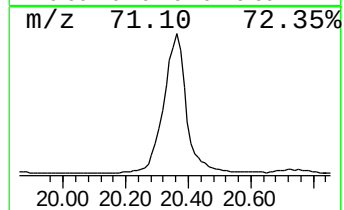
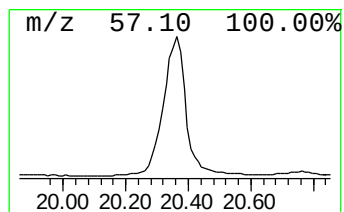
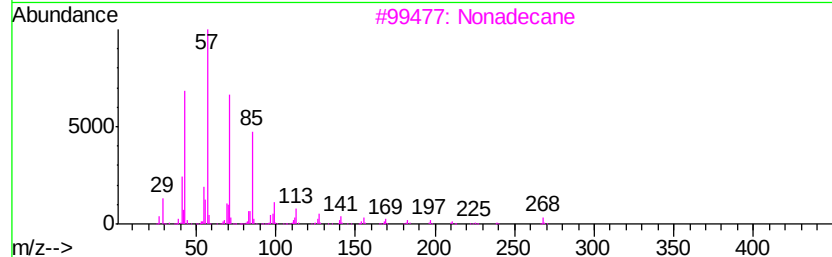
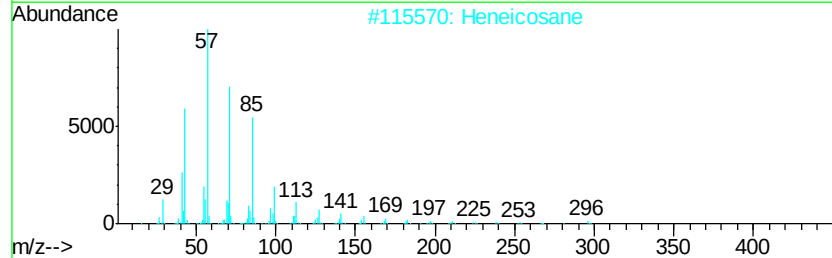
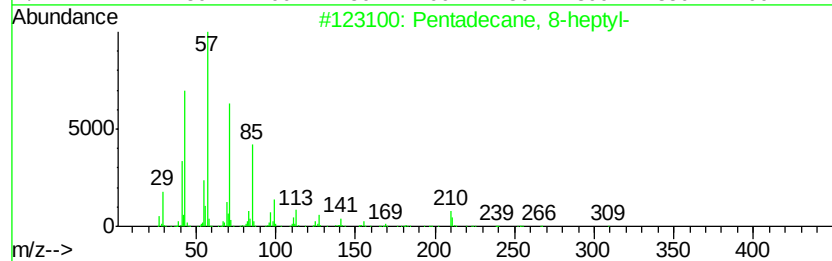
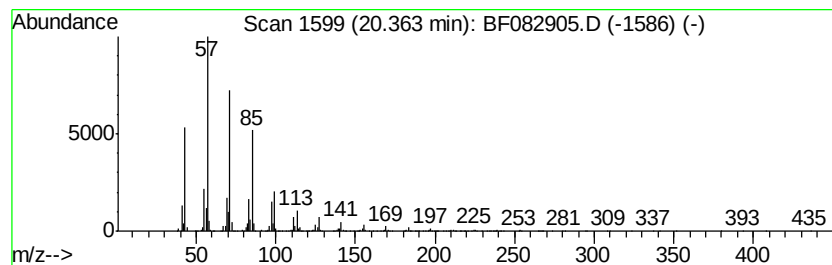
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane, 8-heptyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	78.73 ng	10821300	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Heneicosane	296	C21H44	000629-94-7	87
3		Nonadecane	268	C19H40	000629-92-5	80
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	80
5		Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082905.D
 Acq On : 13 Nov 2015 19:00
 Operator : UM/IZ
 Sample : G4390-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 15K0812

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Bicyclo[7.2.0]und...	9.53	279.9	ng	25064500	3	9.85	1791110	20.0
1,6,10-Dodecatric...	9.57	252.9	ng	22646500	3	9.85	1791110	20.0
Santolina triene	9.90	154.8	ng	13863300	3	9.85	1791110	20.0
1H-Inden-1-one, 2...	10.00	77.7	ng	6955600	3	9.85	1791110	20.0
1H-Cycloprop[e]az...	10.34	152.5	ng	13653500	3	9.85	1791110	20.0
Cyclohexene, 3-me...	10.37	75.0	ng	6715300	3	9.85	1791110	20.0
unknown12.05	12.05	91.0	ng	21789300	4	11.32	4789260	20.0
unknown12.16	12.16	148.4	ng	35544300	4	11.32	4789260	20.0
Cyclohexane, 1-et...	12.52	133.3	ng	31932300	4	11.32	4789260	20.0
7-Hexadecyne	12.64	156.1	ng	37387700	4	11.32	4789260	20.0
Heneicosane	15.08	87.0	ng	11964100	6	15.41	2749100	20.0
Nonadecane	15.88	225.6	ng	31003600	6	15.41	2749100	20.0
Heneicosanoic aci...	16.02	95.1	ng	13066400	6	15.41	2749100	20.0
unknown16.33	16.33	206.5	ng	28388500	6	15.41	2749100	20.0
Heptadecane, 9-oc...	16.95	292.1	ng	40154600	6	15.41	2749100	20.0
.gamma.-Sitosterol	17.38	94.3	ng	12964000	6	15.41	2749100	20.0
[2,2'-Binaphthale...	17.79	185.4	ng	25487500	6	15.41	2749100	20.0
unknown18.15	18.15	111.7	ng	15353700	6	15.41	2749100	20.0
Octacosane	18.39	273.6	ng	37600500	6	15.41	2749100	20.0
Pentadecane, 8-he...	20.36	78.7	ng	10821300	6	15.41	2749100	20.0