

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083445.D
 Acq On : 3 Dec 2015 5:52
 Operator : UM/IZ
 Sample : G4583-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(0-8)

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-BF113015.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	4.647	257	259	273	rVB	779368	1551678	27.68%	1.757%
2	5.127	299	301	304	rBV	4211351	4999597	89.20%	5.660%
3	5.321	315	318	328	rVB	435902	522982	9.33%	0.592%
4	6.213	393	396	402	rBV	4939566	5504643	98.21%	6.232%
5	6.316	402	405	407	rVV	5488902	5503909	98.20%	6.231%
6	6.373	407	410	412	rVV	237752	275277	4.91%	0.312%
7	6.533	422	424	427	rBV	705975	879259	15.69%	0.995%
8	6.693	436	438	441	rBV	3697749	3680317	65.66%	4.166%
9	7.116	472	475	477	rBV	3475459	3735180	66.64%	4.228%
10	7.402	498	500	506	rBV	364219	474913	8.47%	0.538%
11	7.607	513	518	526	rBV3	50689	189598	3.38%	0.215%
12	7.824	535	537	541	rBV2	1263768	1338867	23.89%	1.516%
13	8.110	560	562	569	rVB	202654	202003	3.60%	0.229%
14	8.533	597	599	602	rBV2	140605	181206	3.23%	0.205%
15	8.910	629	632	634	rVV	5688398	5605052	100.00%	6.345%
16	9.025	641	642	647	rVV	271382	417388	7.45%	0.473%
17	9.310	664	667	669	rVV2	728993	800953	14.29%	0.907%
18	9.436	674	678	680	rBV	338047	488177	8.71%	0.553%
19	9.528	683	686	688	rBV	220038	306138	5.46%	0.347%
20	9.573	688	690	692	rVV	1384021	1370812	24.46%	1.552%
21	9.779	702	708	710	rBV4	60435	165980	2.96%	0.188%
22	10.030	723	730	731	rBV2	321210	428884	7.65%	0.486%
23	10.248	746	749	750	rBV2	155859	195847	3.49%	0.222%
24	10.362	756	759	762	rVB	3072015	3159314	56.37%	3.576%
25	10.510	768	772	775	rBV2	267340	603916	10.77%	0.684%
26	11.002	812	815	816	rVV2	220288	301146	5.37%	0.341%
27	11.105	822	824	826	rBV	961016	1458840	26.03%	1.651%
28	11.139	826	827	829	rVV	905499	670284	11.96%	0.759%
29	11.196	829	832	835	rVB	252012	276990	4.94%	0.314%
30	11.471	853	856	857	rVV	116078	162721	2.90%	0.184%
31	11.505	857	859	862	rVB	187783	226391	4.04%	0.256%
32	11.711	875	877	879	rBV	198923	277090	4.94%	0.314%
33	11.745	879	880	884	rVB	229949	274948	4.91%	0.311%
34	11.813	884	886	887	rBV	349582	396856	7.08%	0.449%

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35	11.848	887	889	891	rVV2	425524	592253	10.57%	0.670%
36	11.882	891	892	895	rVB	215771	195472	3.49%	0.221%
37	12.031	901	905	907	rVV2	103240	180821	3.23%	0.205%
38	12.099	909	911	912	rVV	193554	218268	3.89%	0.247%
39	12.122	912	913	918	rVB2	156497	296350	5.29%	0.335%
40	12.431	937	940	943	rBV2	241858	496785	8.86%	0.562%
41	12.476	943	944	946	rVV	140219	195673	3.49%	0.222%
42	12.545	948	950	954	rVB3	258555	475160	8.48%	0.538%
43	12.636	956	958	961	rVV	1135111	1680196	29.98%	1.902%
44	12.728	963	966	968	rVV3	69746	162901	2.91%	0.184%
45	12.774	968	970	974	rVB2	166636	278317	4.97%	0.315%
46	12.842	974	976	978	rBV	130901	160989	2.87%	0.182%
47	12.888	978	980	982	rVV3	140866	208091	3.71%	0.236%
48	12.956	982	986	988	rVV	2007744	2737801	48.85%	3.099%
49	13.014	988	991	994	rVB3	100700	225726	4.03%	0.256%
50	13.208	1004	1008	1010	rVV	2816849	4320769	77.09%	4.891%
51	13.288	1011	1015	1017	rBV2	245016	513489	9.16%	0.581%
52	13.414	1022	1026	1032	rVB4	244174	843010	15.04%	0.954%
53	13.585	1038	1041	1043	rVB	238401	349030	6.23%	0.395%
54	13.711	1050	1052	1054	rVV	381900	430835	7.69%	0.488%
55	13.757	1054	1056	1060	rVB	238662	308872	5.51%	0.350%
56	13.928	1066	1071	1074	rBV2	146608	354496	6.32%	0.401%
57	14.008	1074	1078	1082	rBV3	136448	306137	5.46%	0.347%
58	14.145	1087	1090	1091	rVV2	119057	245671	4.38%	0.278%
59	14.191	1091	1094	1099	rVV2	286013	735075	13.11%	0.832%
60	14.271	1099	1101	1104	rVV2	90507	192266	3.43%	0.218%
61	14.339	1104	1107	1109	rVV	230576	435309	7.77%	0.493%
62	14.385	1109	1111	1112	rVV	286342	411857	7.35%	0.466%
63	14.419	1112	1114	1116	rVV	334641	517179	9.23%	0.585%
64	14.499	1119	1121	1125	rVB2	238147	374313	6.68%	0.424%
65	14.648	1131	1134	1135	rBV2	165933	258247	4.61%	0.292%
66	14.682	1135	1137	1138	rVV	151311	266281	4.75%	0.301%
67	14.717	1138	1140	1143	rVV2	1259271	2984019	53.24%	3.378%
68	14.774	1143	1145	1147	rVV	1166713	1549565	27.65%	1.754%
69	14.819	1147	1149	1150	rVV2	121423	195645	3.49%	0.221%
70	14.854	1150	1152	1157	rVB3	172018	379461	6.77%	0.430%
71	14.957	1158	1161	1163	rBV	300704	485199	8.66%	0.549%

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72	15.128	1171	1176	1177	rBV5	67630	203305	3.63%	0.230%
73	15.162	1177	1179	1183	rVB2	156883	296869	5.30%	0.336%
74	15.345	1191	1195	1197	rVV	304115	665103	11.87%	0.753%
75	15.391	1197	1199	1203	rVV2	166506	373808	6.67%	0.423%
76	15.482	1206	1207	1209	rVV	158482	244590	4.36%	0.277%
77	15.528	1209	1211	1214	rVV2	151617	309148	5.52%	0.350%
78	15.665	1221	1223	1227	rVB	126102	204613	3.65%	0.232%
79	15.825	1233	1237	1239	rBV3	99802	215452	3.84%	0.244%
80	15.997	1249	1252	1255	rBV2	220349	361774	6.45%	0.410%
81	16.054	1255	1257	1259	rBV	121364	208884	3.73%	0.236%
82	16.180	1266	1268	1274	rVB2	143286	292660	5.22%	0.331%
83	16.294	1274	1278	1284	rVV	1439931	3658080	65.26%	4.141%
84	16.420	1287	1289	1292	rVB	127968	205457	3.67%	0.233%
85	16.660	1306	1310	1312	rVV	1131527	1714305	30.58%	1.941%
86	16.728	1312	1316	1319	rVB	1023664	1486021	26.51%	1.682%
87	16.797	1319	1322	1324	rBV	652527	963233	17.19%	1.090%
88	16.991	1337	1339	1342	rBV3	71958	206594	3.69%	0.234%
89	17.151	1348	1353	1355	rBV4	94230	253295	4.52%	0.287%
90	17.368	1369	1372	1378	rVV3	159384	345820	6.17%	0.391%
91	17.906	1414	1419	1420	rVV2	76791	241168	4.30%	0.273%
92	17.940	1420	1422	1427	rVB2	151759	277832	4.96%	0.315%
93	18.043	1427	1431	1439	rBV3	184197	630892	11.26%	0.714%
94	18.180	1439	1443	1448	rBV2	704234	1366783	24.38%	1.547%
95	18.340	1454	1457	1459	rBV	95001	186639	3.33%	0.211%
96	18.386	1459	1461	1465	rVB	106439	188207	3.36%	0.213%
97	18.557	1472	1476	1480	rVB	638587	1184603	21.13%	1.341%
98	19.551	1557	1563	1567	rBV6	46087	165198	2.95%	0.187%
99	20.443	1636	1641	1646	rVB	123839	366740	6.54%	0.415%
100	21.426	1723	1727	1734	rVB	102900	330003	5.89%	0.374%

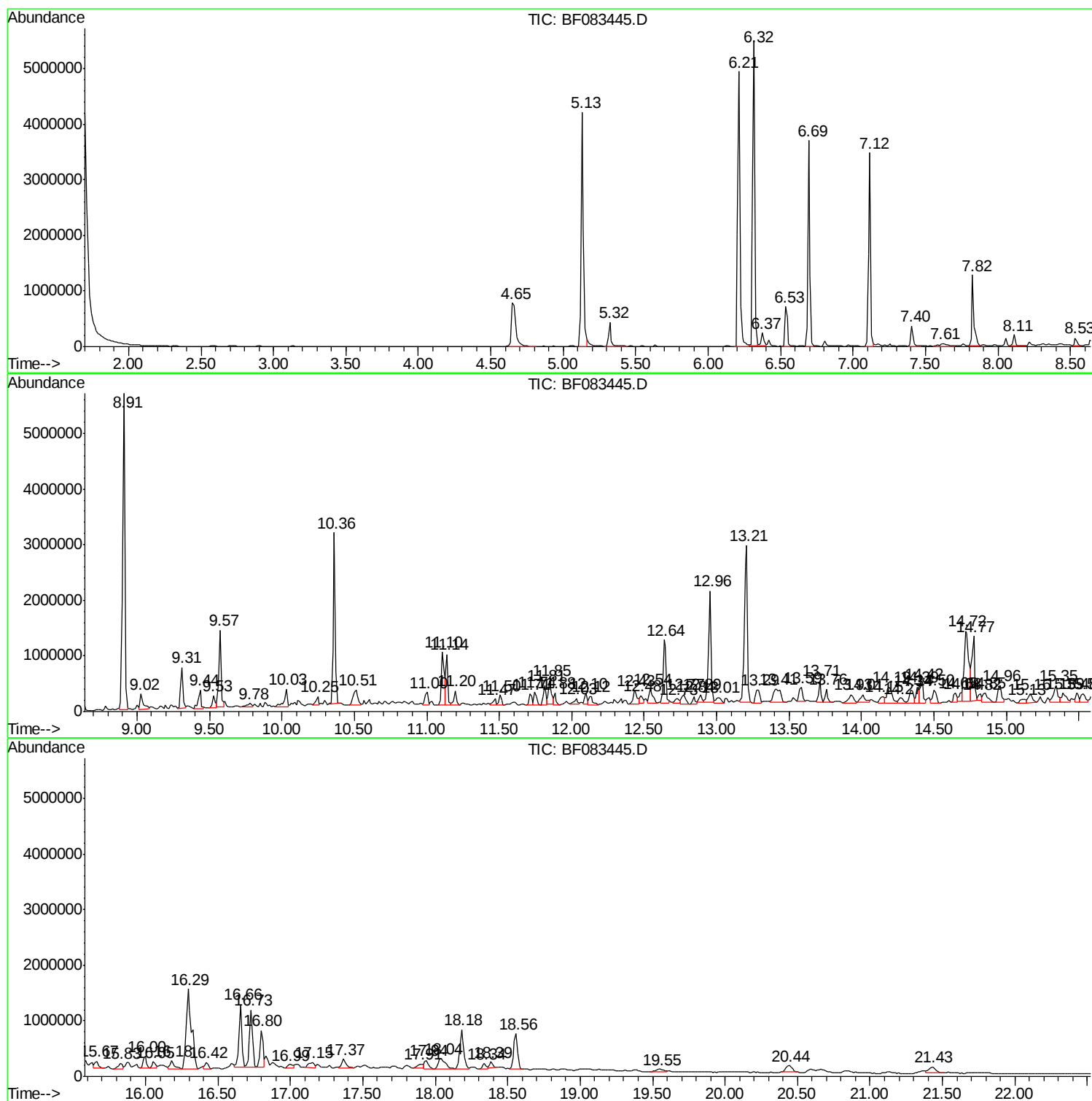
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Instrument :
BNA_F
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SB-P3WC-07(0-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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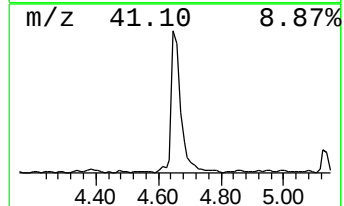
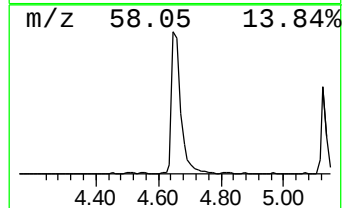
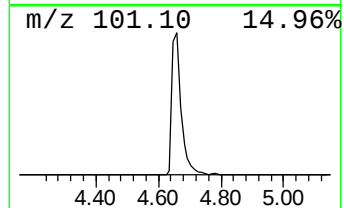
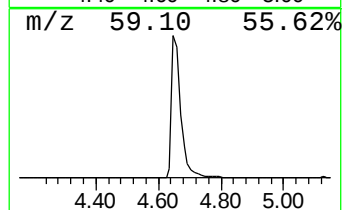
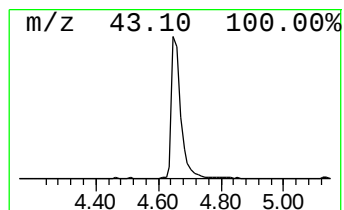
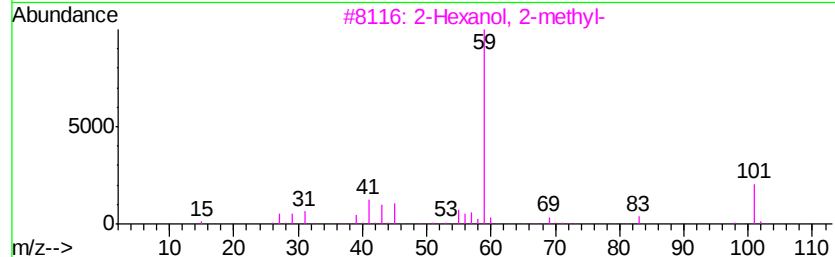
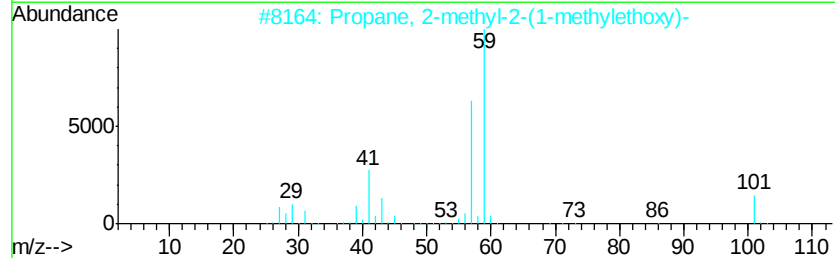
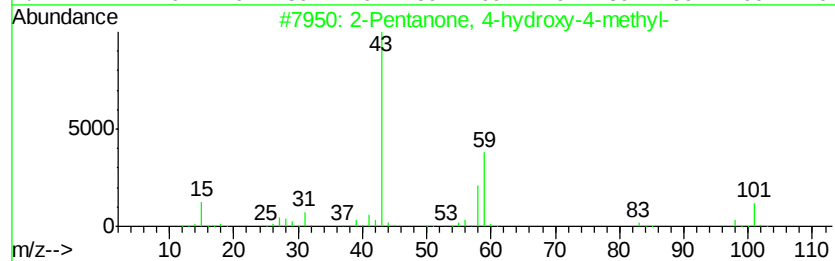
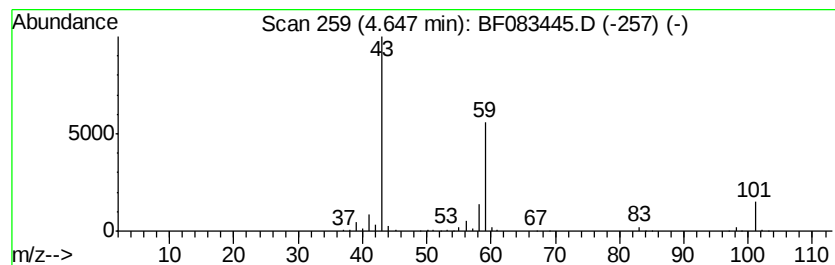
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	35.30 ng	1551680	1,4-Dichlorobenzene-d4	6.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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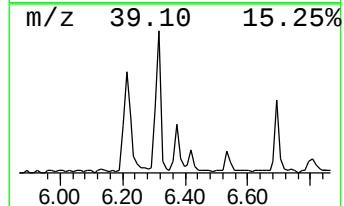
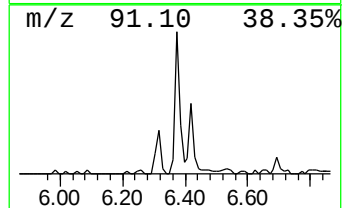
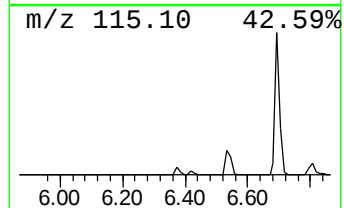
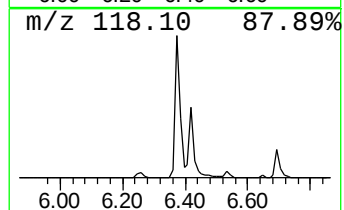
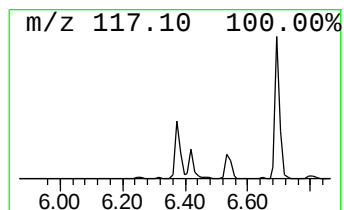
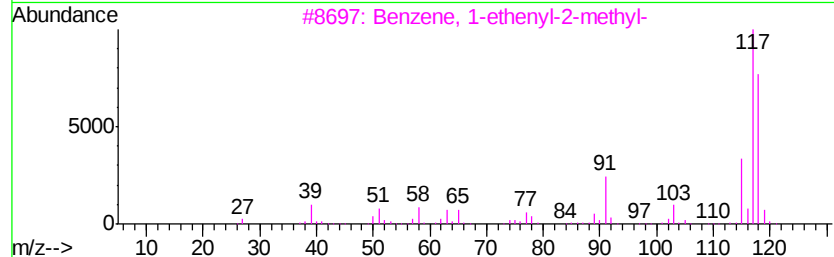
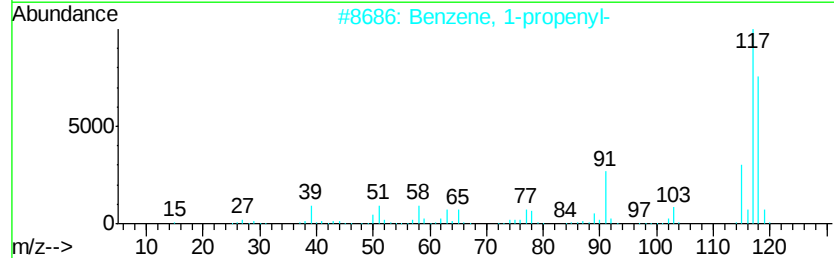
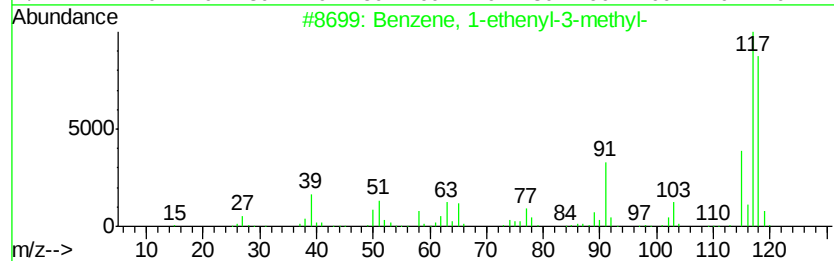
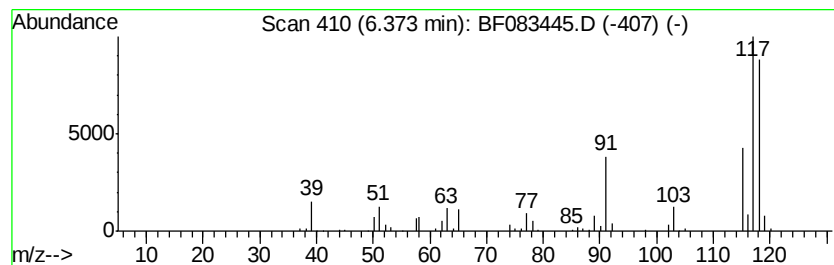
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	6.26 ng	275277	1,4-Dichlorobenzene-d4	6.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2			Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
3			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
5			Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	91



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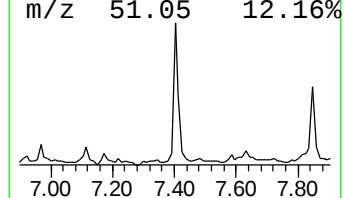
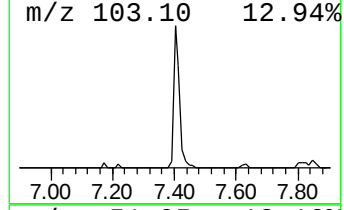
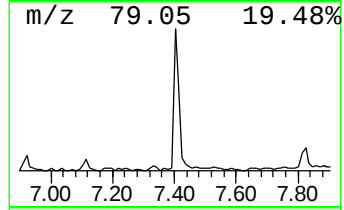
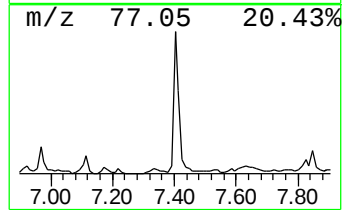
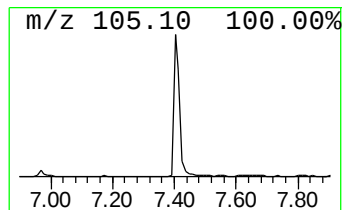
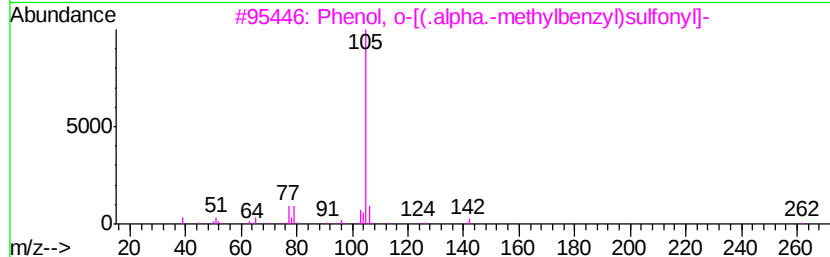
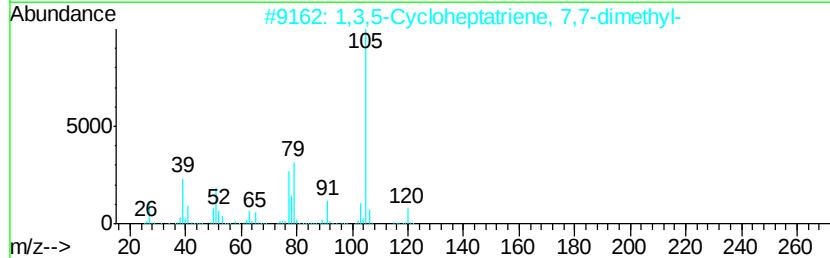
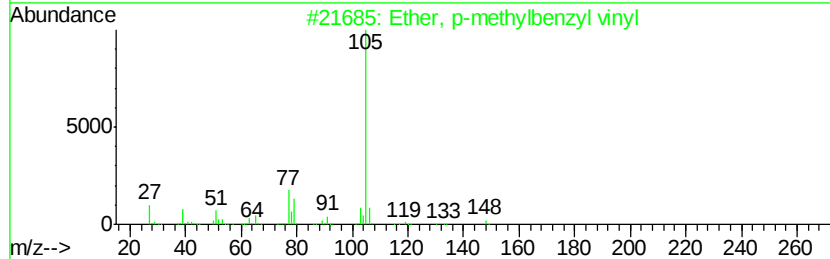
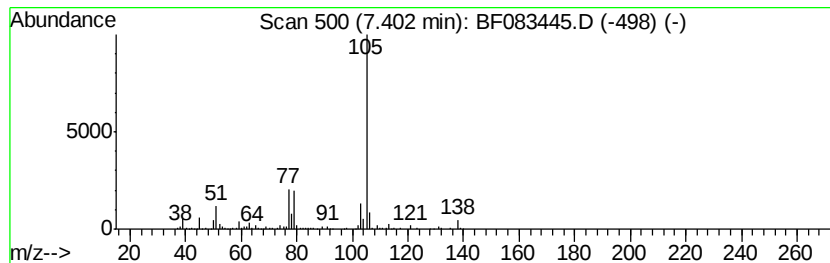
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Ether, p-methylbenzyl vinyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	7.09 ng	474913	Naphthalene-d8	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	72
2		1,3,5-Cycloheptatriene, 7,7-dime...	120	C9H12	007557-11-1	72
3		Phenol, o-[(.alpha.-methylbenzyl)...]	262	C14H14O3S	029634-38-6	64
4		Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	64
5		Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083445.D
Acq On : 3 Dec 2015 5:52
Operator : UM/IZ
Sample : G4583-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-07(0-8)

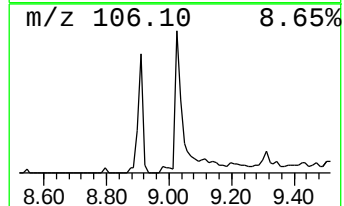
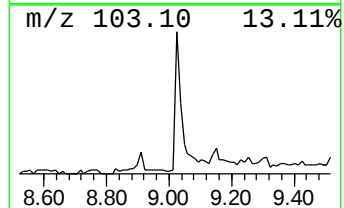
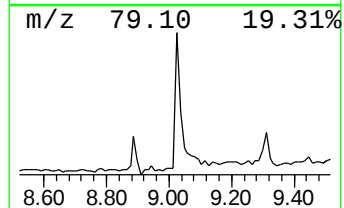
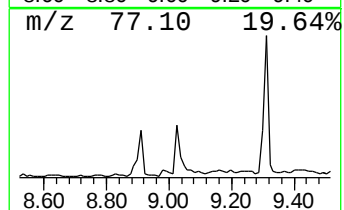
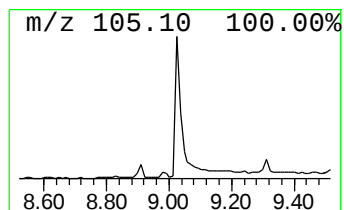
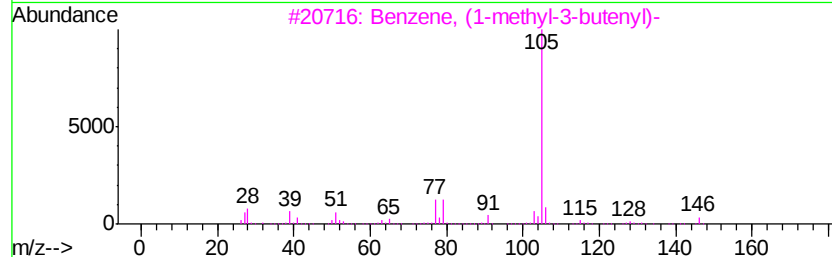
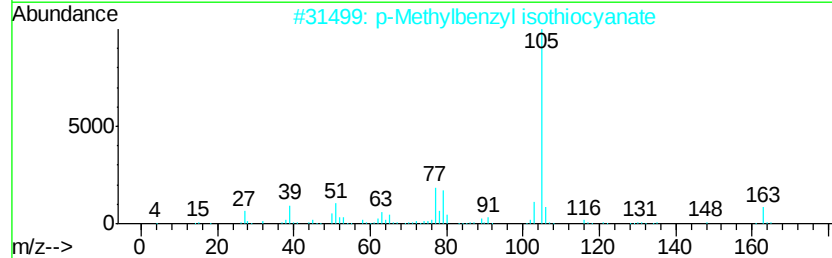
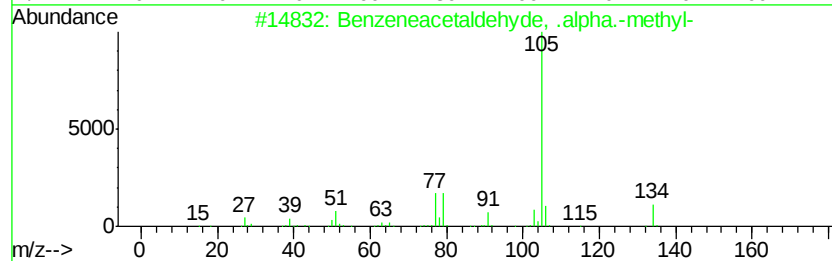
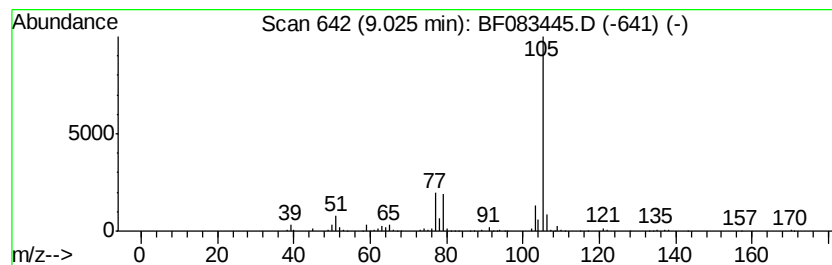
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzeneacetaldehyde, .alpha... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	6.09 ng	417388	Acenaphthene-d10	9.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72
2		p-Methylbenzyl isothiocyanate	163	C9H9NS	003694-46-0	72
3		Benzene, (1-methyl-3-butenvl)-	146	C11H14	010340-49-5	72
4		2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	72
5		Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
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Acq On : 3 Dec 2015 5:52
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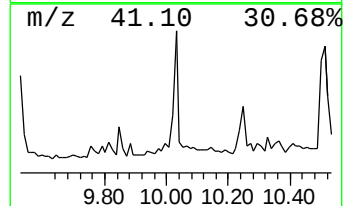
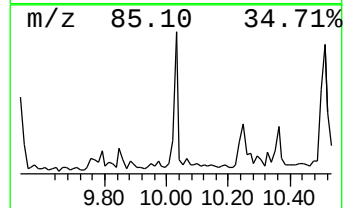
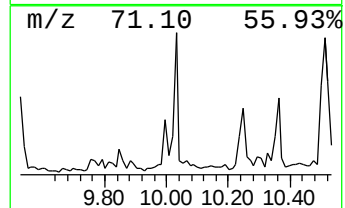
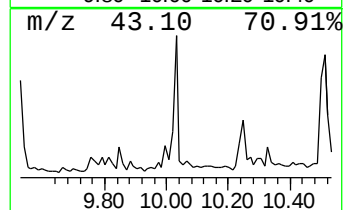
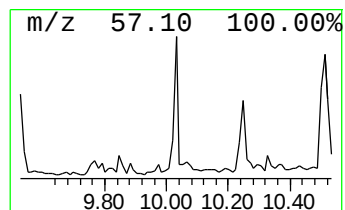
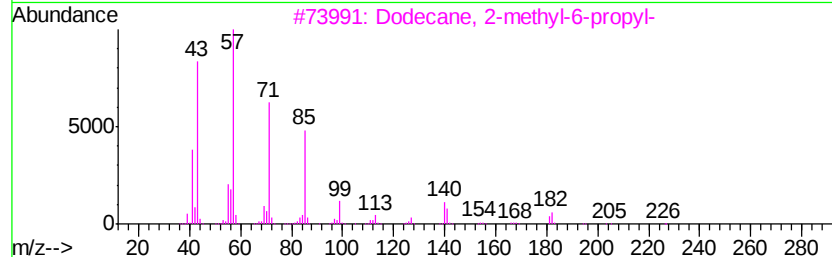
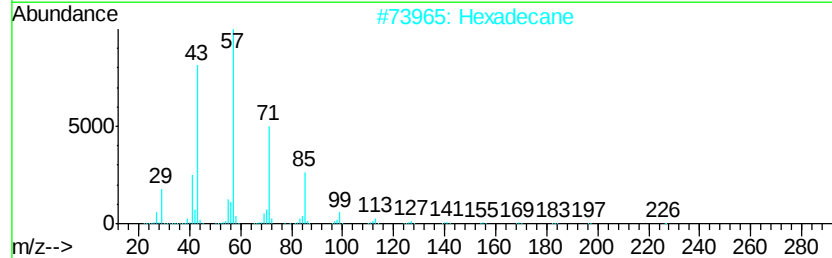
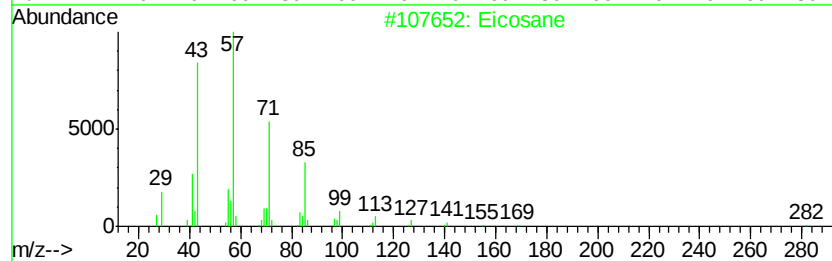
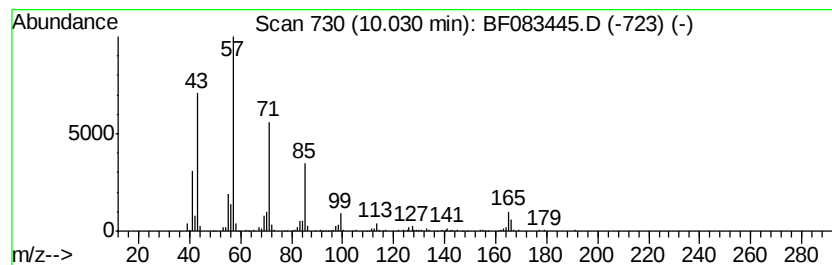
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	6.26 ng	428884	Acenaphthene-d10	9.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	83
2	Hexadecane	226 C16H34	000544-76-3	83
3	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	72
4	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	64
5	Heptacosane	380 C27H56	000593-49-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
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Acq On : 3 Dec 2015 5:52
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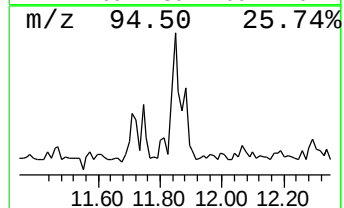
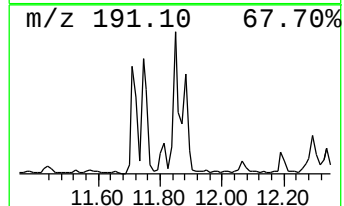
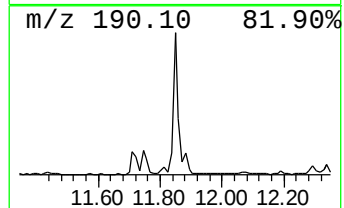
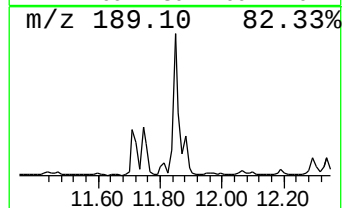
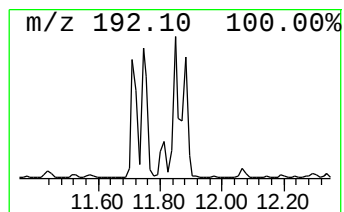
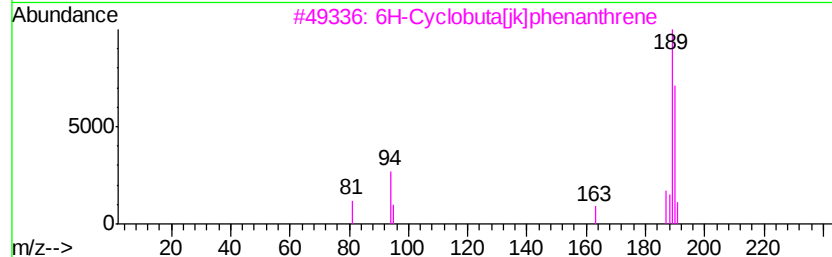
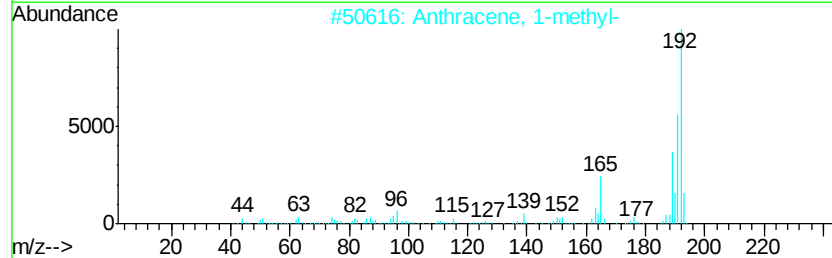
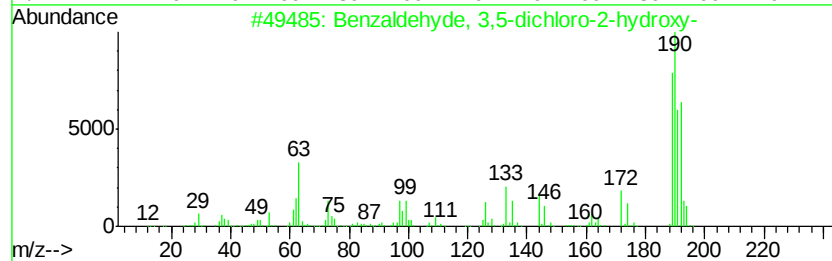
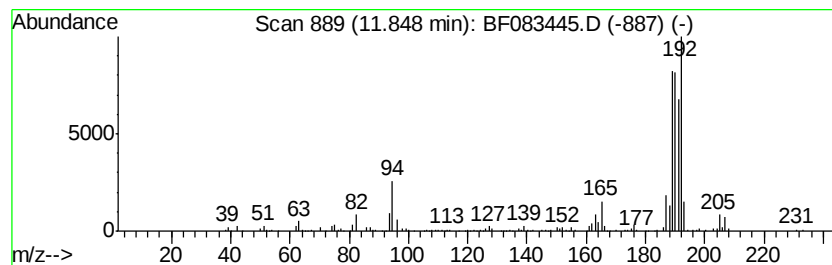
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzaldehyde, 3,5-dichloro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	8.12 ng	592253	Phenanthrene-d10	11.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49
3	6H-Cyclobuta[1,2,3-c]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083445.D
Acq On : 3 Dec 2015 5:52
Operator : UM/IZ
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Misc :
ALS Vial : 32 Sample Multiplier: 1

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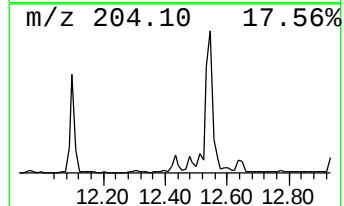
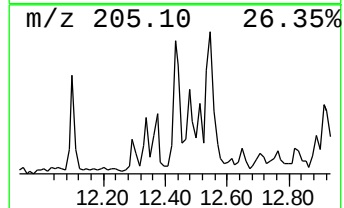
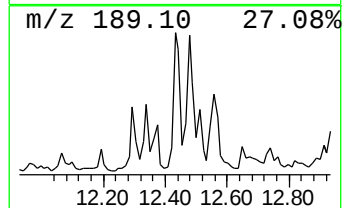
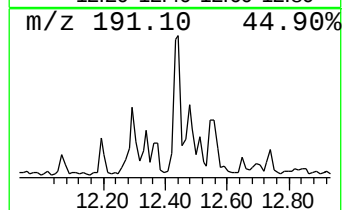
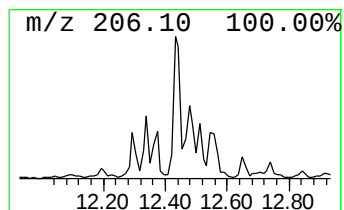
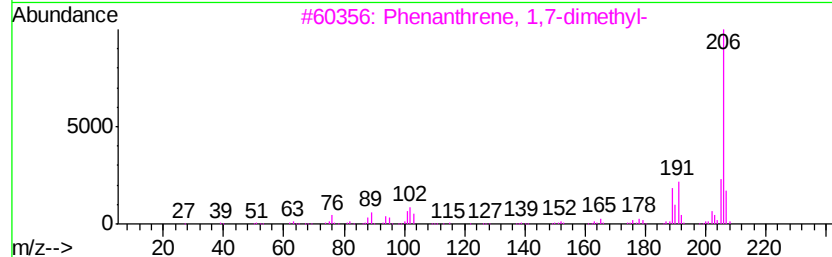
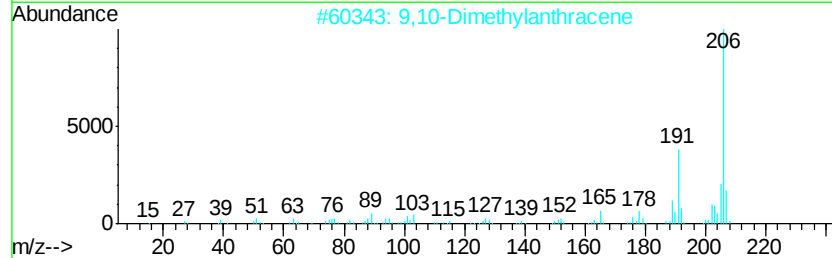
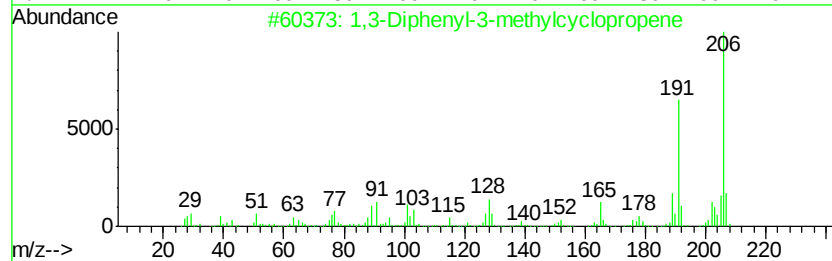
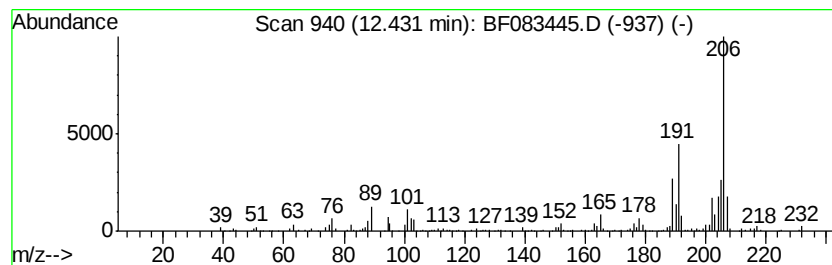
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,3-Diphenyl-3-methylcyclop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	6.81 ng	496785	Phenanthrene-d10	11.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	94
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	94
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083445.D
Acq On : 3 Dec 2015 5:52
Operator : UM/IZ
Sample : G4583-07
Misc :
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Instrument :
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ClientSampleId :
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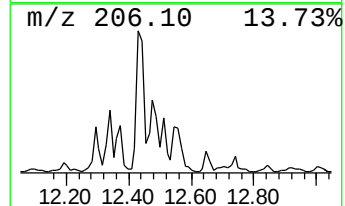
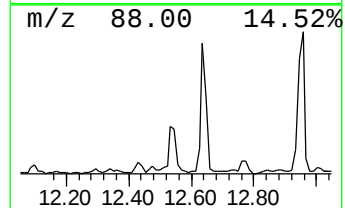
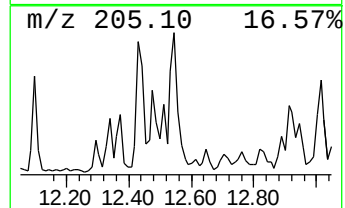
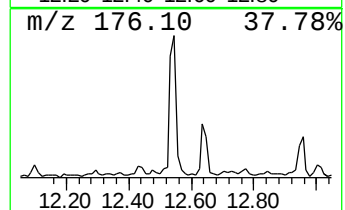
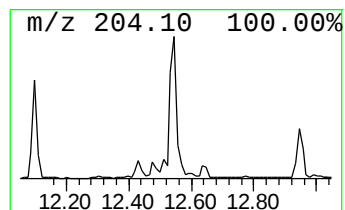
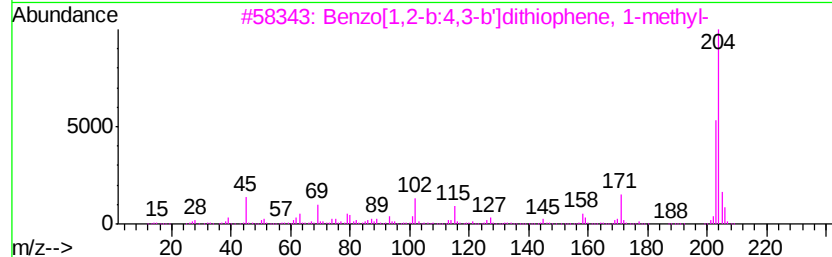
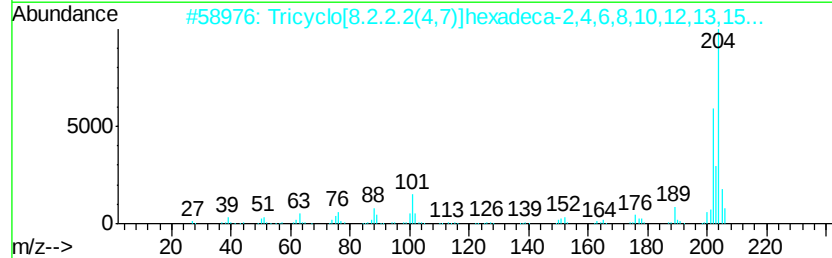
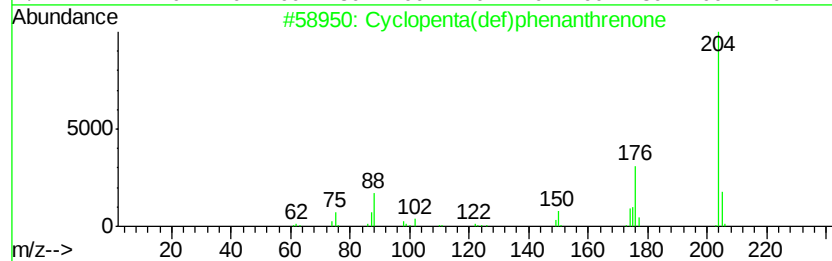
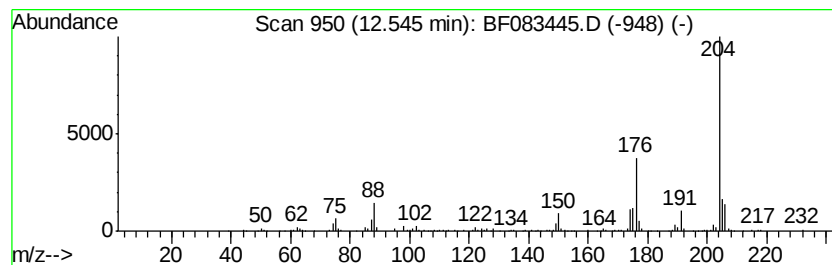
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	6.51 ng	475160	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	72
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
3		Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	43
4		2-Methyl-5-nitroindole-3-carboxa...	204	C10H8N2O3	003558-17-6	43
5		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083445.D
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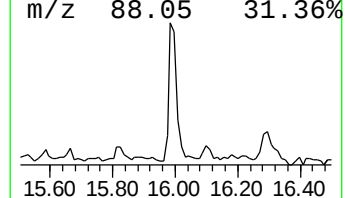
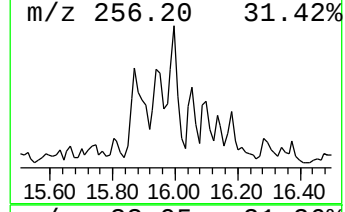
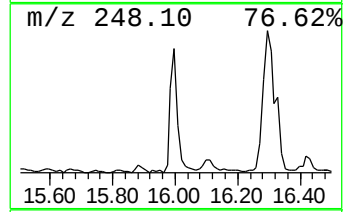
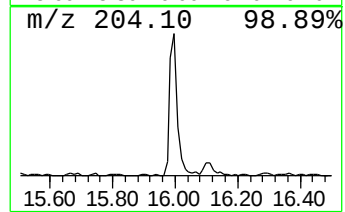
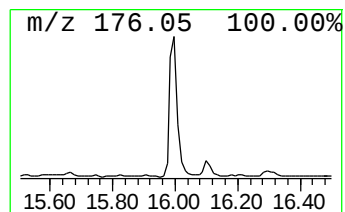
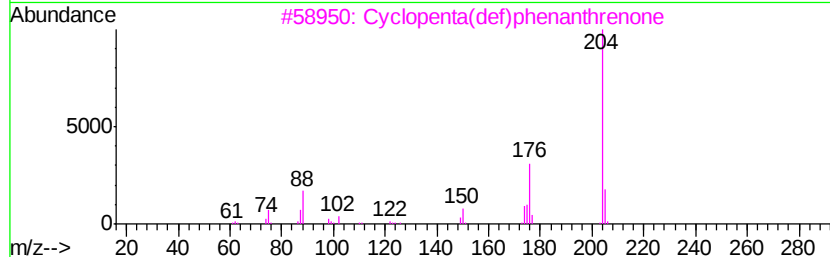
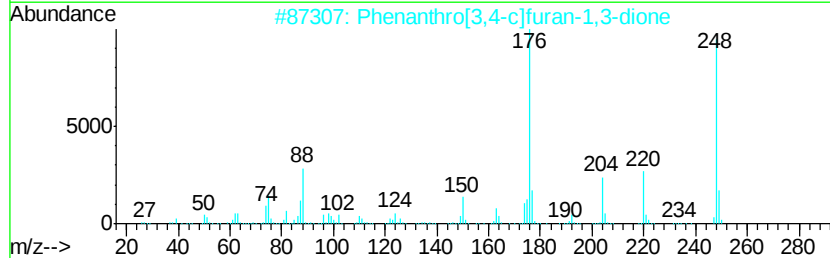
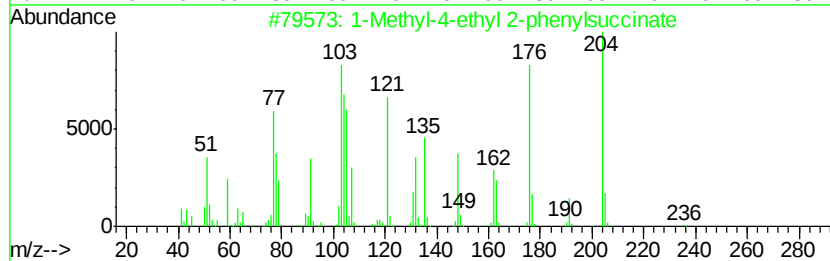
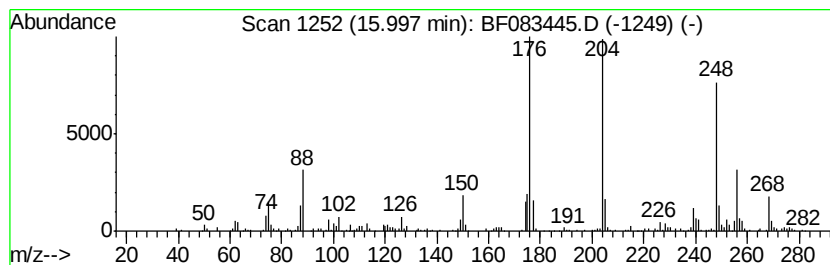
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Methyl-4-ethyl 2-phenylsu... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	7.51 ng	361774	Perylene-d12	16.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-4-ethyl 2-phenylsuccinate	236	C13H16O4	132545-36-9	92
2			Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	60
3			Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	30
4			Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024964-09-8	25
5			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
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Acq On : 3 Dec 2015 5:52
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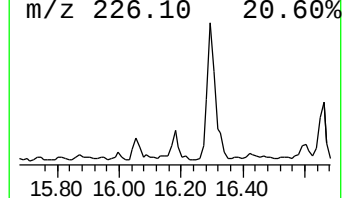
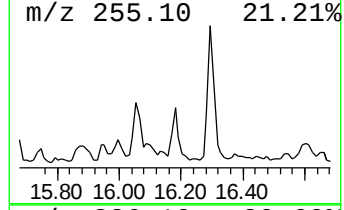
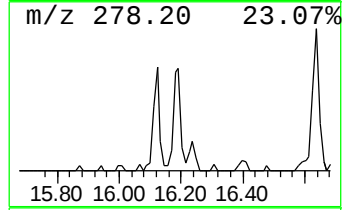
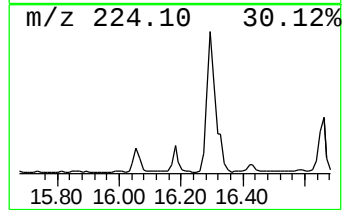
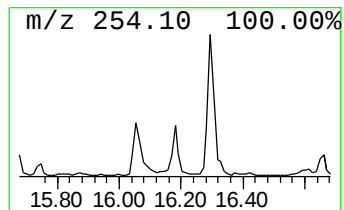
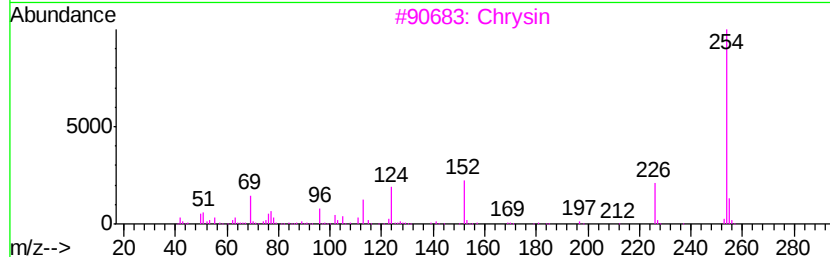
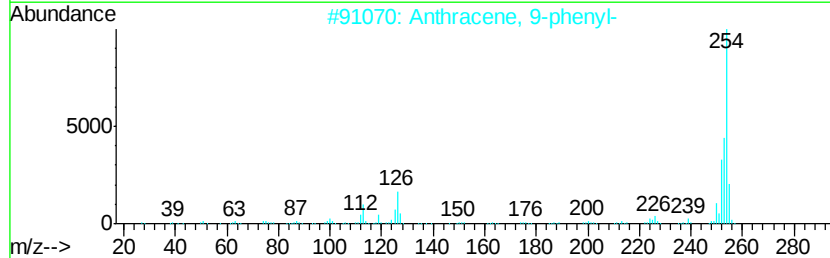
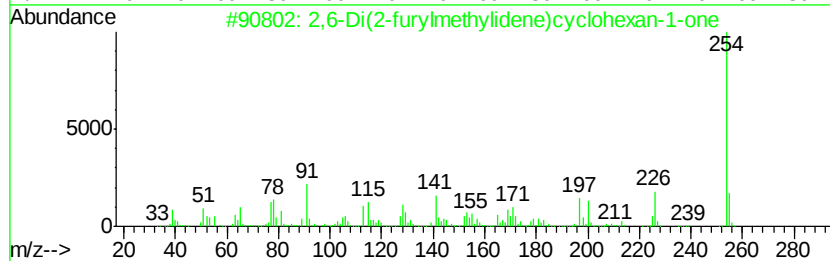
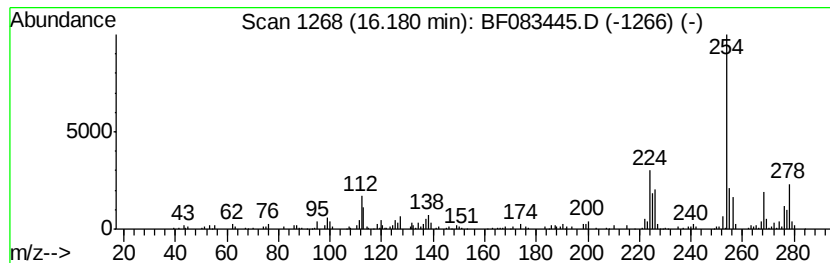
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown16.18 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	6.08 ng	292660	Perylene-d12	16.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6-Di(2-furylmethylidene)cyclohexan-1-one	254	C16H14O3	000893-00-5	43
2			Anthracene, 9-phenyl-	254	C20H14	000602-55-1	38
3			Chrysin	254	C15H10O4	000480-40-0	38
4			2,2'-Binaphthalene	254	C20H14	000612-78-2	38
5			1,2-Dihydro-4H-[1,4-oxazino][1,2-b:4,5-b']diphenyl	254	C14H10N2O3	038066-84-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083445.D
Acq On : 3 Dec 2015 5:52
Operator : UM/IZ
Sample : G4583-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(0-8)

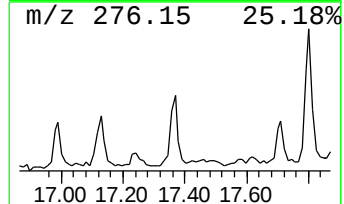
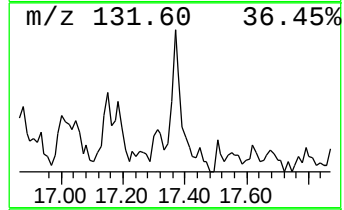
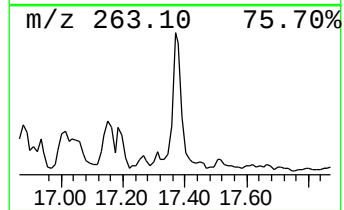
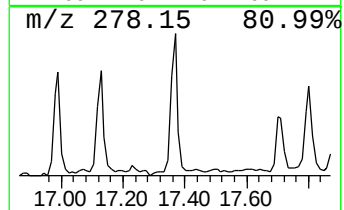
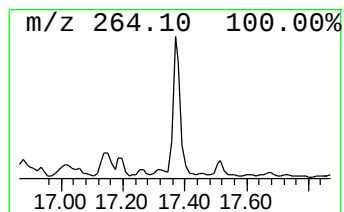
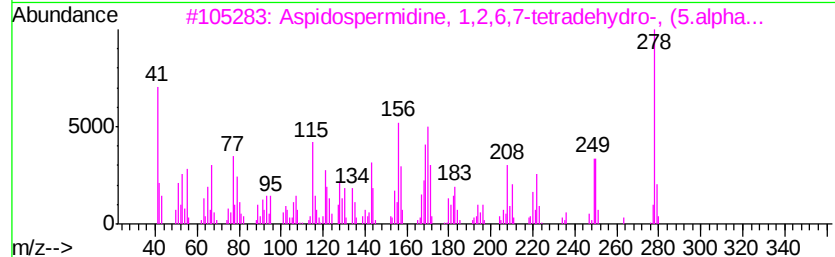
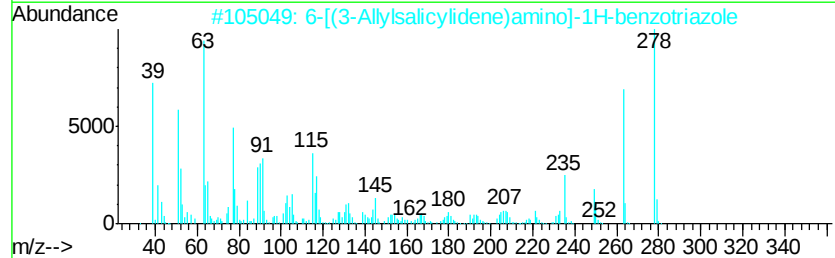
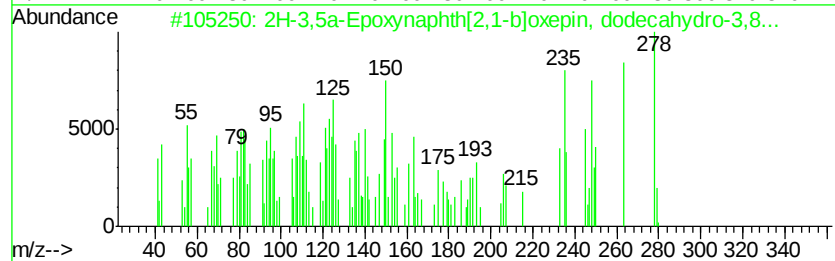
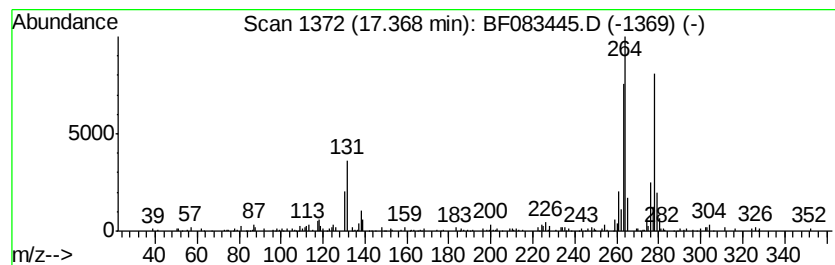
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown17.37 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	7.18 ng	345820	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-3,5a-Epoxy naphth[2,1-b]oxepin...	278	C18H30O2	038419-74-8	43
2		6-[(3-Allylsalicylidene)amino]-1...	278	C16H14N4O	339108-60-0	38
3		Aspidospermidine, 1,2,6,7-tetrad...	278	C19H22N2	032975-46-5	35
4		Benzo[b]triphenylene	278	C22H14	000215-58-7	35
5		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083445.D
Acq On : 3 Dec 2015 5:52
Operator : UM/IZ
Sample : G4583-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(0-8)

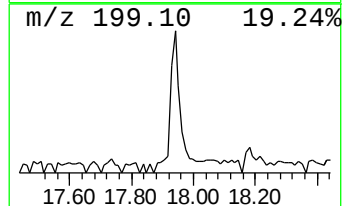
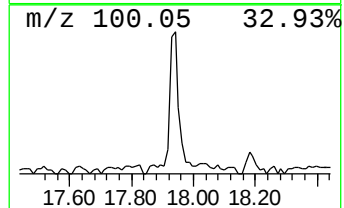
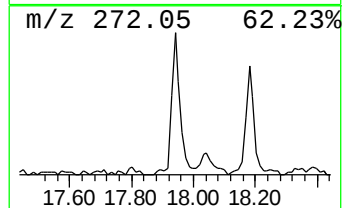
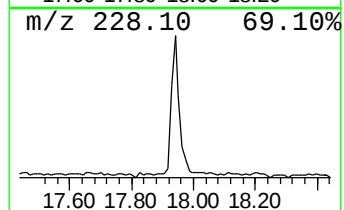
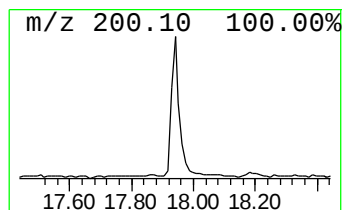
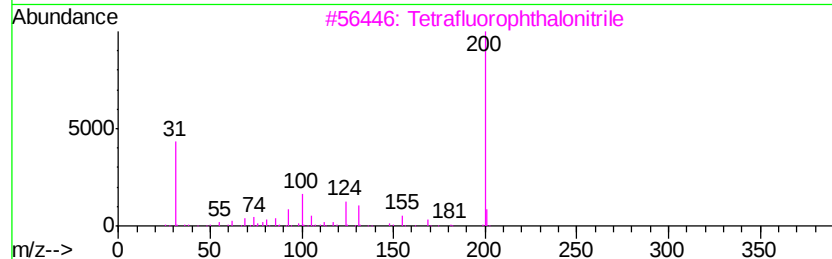
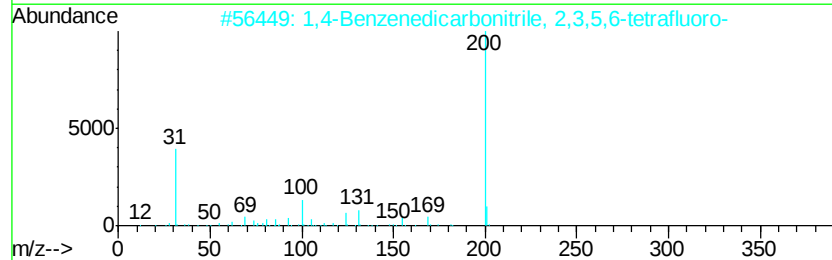
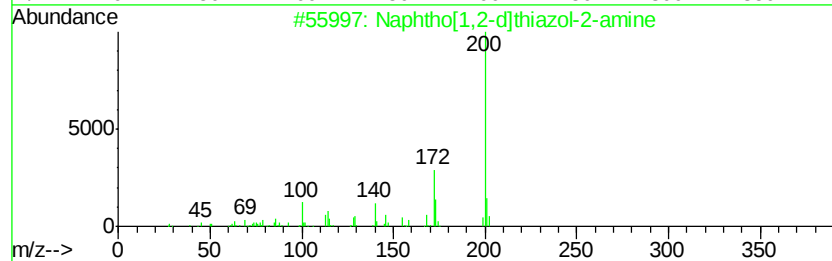
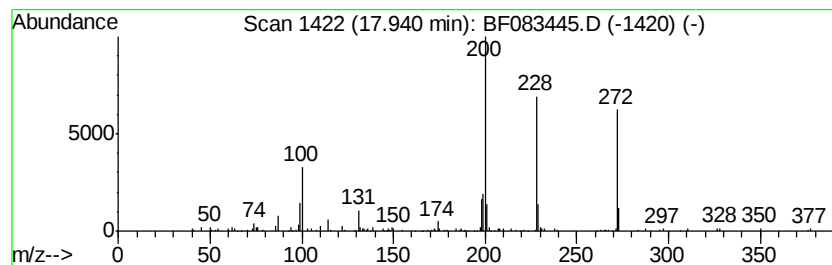
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown17.94 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	5.77 ng	277832	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-d]thiazol-2-amine	200	C11H8N2S	040172-65-4	35
2		1,4-Benzenedicarbonitrile, 2,3,5...	200	C8F4N2	001835-49-0	27
3		Tetrafluorophthalonitrile	200	C8F4N2	001835-65-0	27
4		7,8-Dimethoxy-1,4-phenazinediol	272	C14H12N2O4	001790-85-8	22
5		9-(Dicyanomethylene)fluorene	228	C16H8N2	001989-32-8	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083445.D
Acq On : 3 Dec 2015 5:52
Operator : UM/IZ
Sample : G4583-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(0-8)

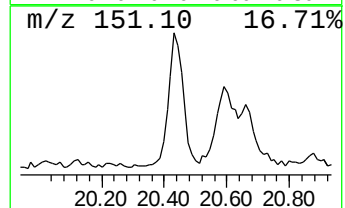
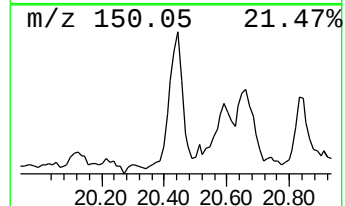
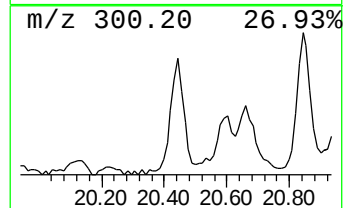
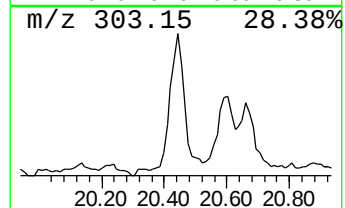
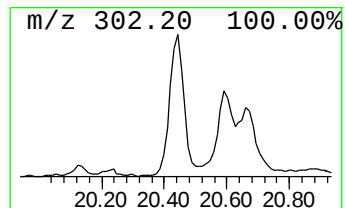
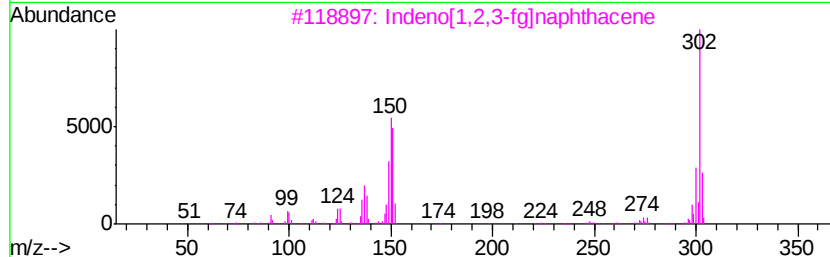
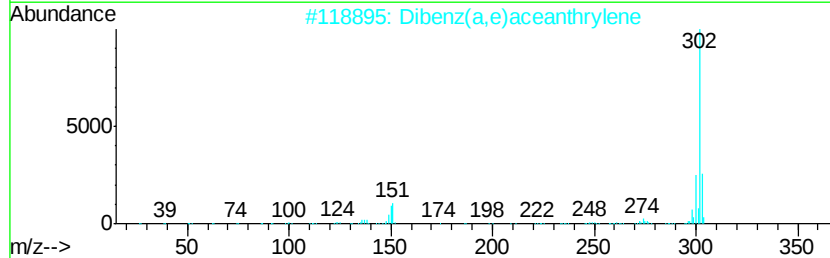
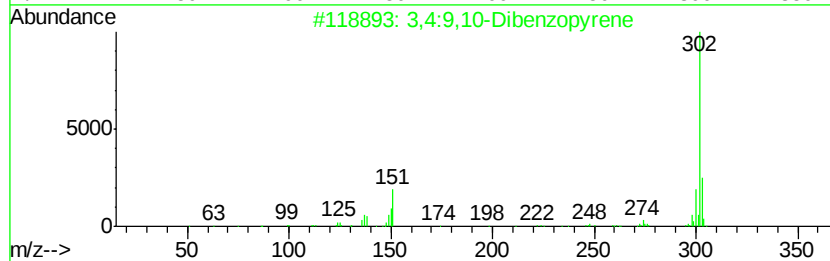
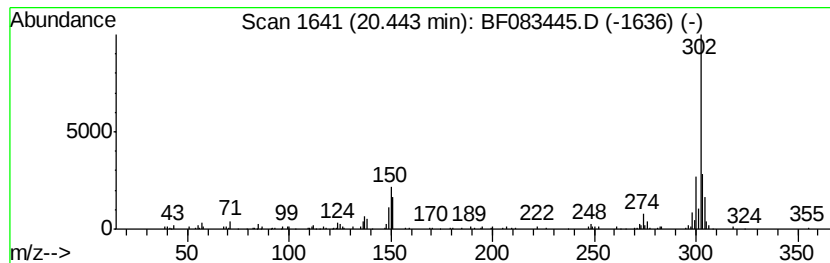
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3,4:9,10-Dibenzopyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	7.61 ng	366740	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	96
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	96
3		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	95
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	94
5		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083445.D
Acq On : 3 Dec 2015 5:52
Operator : UM/IZ
Sample : G4583-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-07(0-8)

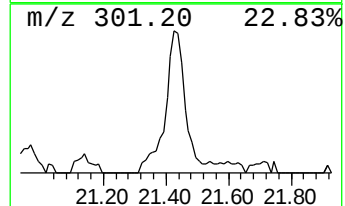
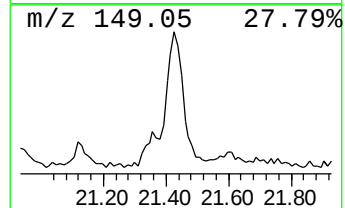
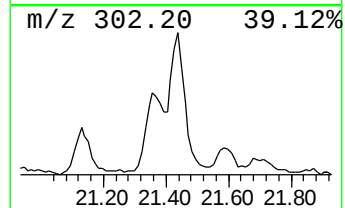
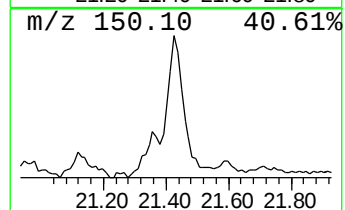
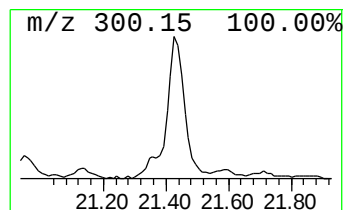
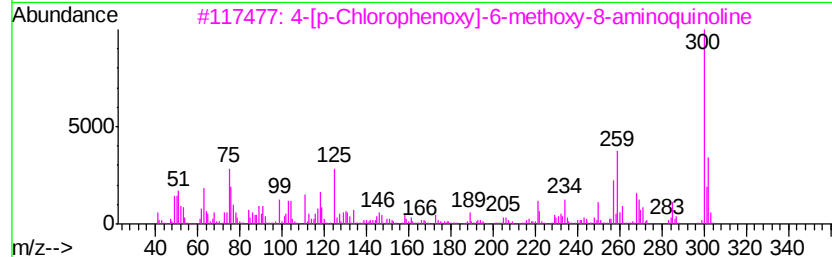
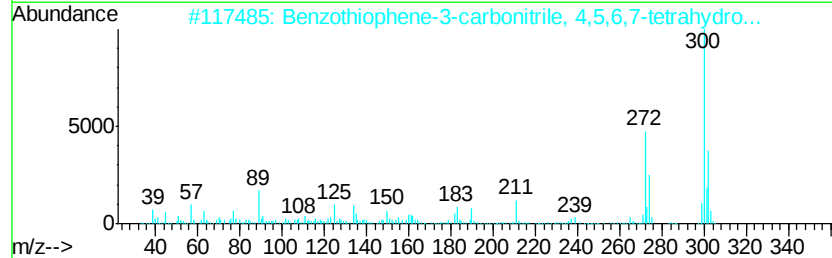
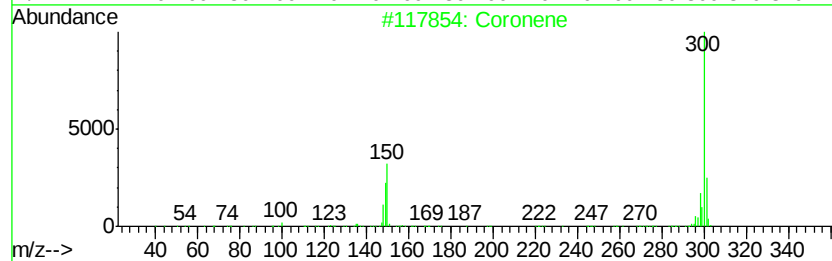
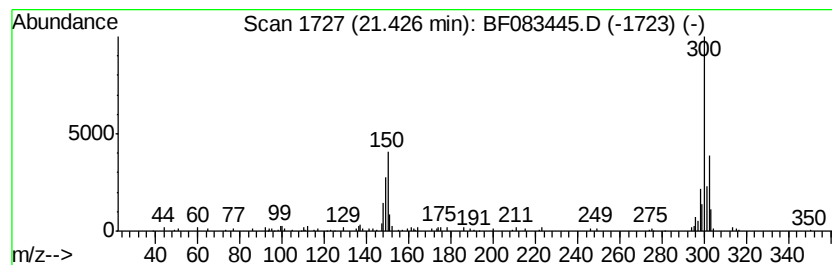
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Coronene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	6.85 ng	330003	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Coronene	300	C24H12	000191-07-1	95
2		Benzo[thiophene-3-carbonitrile, 4...	300	C16H13ClN2S	069438-07-9	49
3		4-[p-Chlorophenoxy]-6-methoxy-8-...	300	C16H13ClN2O2	063456-90-6	47
4		Pvrazine, 2,5-bis(4-chlorophenyl)-	300	C16H10Cl2N2	074376-33-3	47
5		7-Bromo-flavone	300	C15H9BrO2	001148-47-6	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083445.D
 Acq On : 3 Dec 2015 5:52
 Operator : UM/IZ
 Sample : G4583-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(0-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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
2-Pentanone, 4-hy...	4.65	35.3	ng	1551680	1	6.53	879259	20.0
Benzene, 1-etheny...	6.37	6.3	ng	275277	1	6.53	879259	20.0
Ether, p-methylbe...	7.40	7.1	ng	474913	2	7.82	1338870	20.0
Benzeneacetaldehy...	9.02	6.1	ng	417388	3	9.57	1370810	20.0
Eicosane	10.03	6.3	ng	428884	3	9.57	1370810	20.0
Benzaldehyde, 3,5...	11.85	8.1	ng	592253	4	11.10	1458840	20.0
1,3-Diphenyl-3-me...	12.43	6.8	ng	496785	4	11.10	1458840	20.0
Cyclopenta(def)ph...	12.55	6.5	ng	475160	4	11.10	1458840	20.0
1-Methyl-4-ethyl ...	16.00	7.5	ng	361774	6	16.80	963233	20.0
unknown16.18	16.18	6.1	ng	292660	6	16.80	963233	20.0
unknown17.37	17.37	7.2	ng	345820	6	16.80	963233	20.0
unknown17.94	17.94	5.8	ng	277832	6	16.80	963233	20.0
3,4:9,10-Dibenzop...	20.44	7.6	ng	366740	6	16.80	963233	20.0
Coronene	21.43	6.8	ng	330003	6	16.80	963233	20.0