

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100616\
 Data File : BF090427.D
 Acq On : 6 Oct 2016 19:25
 Operator : UM/SJ
 Sample : H5085-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-STA-1698-D(0-2)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.194	247	250	254	rVB	1025610	1378862	14.12%	0.639%
2	5.606	283	286	288	rVB	6001756	6371694	65.25%	2.953%
3	6.623	371	375	377	rBV	5340619	6732323	68.94%	3.121%
4	6.760	384	387	390	rBV	5718917	5799890	59.40%	2.688%
5	7.000	406	408	410	rVB	965780	1355183	13.88%	0.628%
6	7.149	419	421	423	rVB	4021862	4509939	46.19%	2.090%
7	7.560	454	457	458	rVB	3782593	4141007	42.41%	1.919%
8	7.697	466	469	471	rBV3	145340	307503	3.15%	0.143%
9	7.880	482	485	488	rBV3	245578	448569	4.59%	0.208%
10	7.926	488	489	491	rVB2	524873	429888	4.40%	0.199%
11	8.052	497	500	503	rBV4	171541	368026	3.77%	0.171%
12	8.109	503	505	508	rBV4	240569	472740	4.84%	0.219%
13	8.166	508	510	511	rBV2	405691	547870	5.61%	0.254%
14	8.280	517	520	524	rBV	1889905	2766039	28.33%	1.282%
15	8.349	524	526	527	rVB2	664680	595038	6.09%	0.276%
16	8.372	527	528	532	rVB3	364671	682622	6.99%	0.316%
17	8.497	537	539	540	rVB	626739	517687	5.30%	0.240%
18	8.577	542	546	550	rBV6	569374	1696665	17.38%	0.786%
19	8.635	550	551	552	rBV	319803	326108	3.34%	0.151%
20	8.680	553	555	556	rVB2	377189	382930	3.92%	0.177%
21	8.715	556	558	559	rBV	1510172	1948285	19.95%	0.903%
22	8.738	559	560	563	rVB3	995079	1736841	17.79%	0.805%
23	8.795	563	565	566	rBV2	630291	667018	6.83%	0.309%
24	8.840	566	569	571	rBV3	683700	1209323	12.38%	0.561%
25	9.035	584	586	588	rBV2	803748	1194751	12.24%	0.554%
26	9.172	596	598	600	rBV3	710160	1171024	11.99%	0.543%
27	9.286	606	608	609	rBV	953593	882795	9.04%	0.409%
28	9.320	609	611	613	rVB	2240612	2231586	22.85%	1.034%
29	9.366	613	615	617	rBV	6945761	6211541	63.61%	2.879%
30	9.458	620	623	625	rBV	2589196	4176869	42.77%	1.936%
31	9.503	625	627	630	rBV3	476635	1293296	13.24%	0.599%
32	9.766	648	650	652	rBV3	5835075	7729769	79.16%	3.583%
33	9.823	653	655	657	rVB2	1421816	1489338	15.25%	0.690%
34	9.926	661	664	665	rBV2	2831382	3592501	36.79%	1.665%

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

35	9.972	665	668	669	rVB	3928101	4820349	49.36%	2.234%
36	10.006	669	671	672	rBV	1436361	1633903	16.73%	0.757%
37	10.052	672	675	677	rVB2	3022393	4664980	47.77%	2.162%
38	10.098	677	679	683	rBV3	1322483	3458897	35.42%	1.603%
39	10.246	690	692	694	rVB3	984056	1176205	12.05%	0.545%
40	10.315	696	698	701	rVB2	1072977	1400758	14.34%	0.649%
41	10.395	701	705	707	rBV4	1653014	3503243	35.88%	1.624%
42	10.429	707	708	710	rVV2	1220758	1247092	12.77%	0.578%
43	10.463	710	711	713	rVV2	1561043	1721517	17.63%	0.798%
44	10.521	714	716	721	rVB5	1304591	2184439	22.37%	1.013%
45	10.715	730	733	734	rBV2	1611998	2530936	25.92%	1.173%
46	10.841	742	744	748	rBV2	2269418	3352501	34.33%	1.554%
47	10.978	754	756	760	rVB	5519978	6466793	66.22%	2.997%
48	11.183	772	774	778	rVB3	1145946	1517536	15.54%	0.703%
49	11.446	794	797	803	rVB	3324042	4782550	48.98%	2.217%
50	11.549	804	806	807	rVV	1842837	2940024	30.11%	1.363%
51	11.572	807	808	810	rVV	5395227	4215501	43.17%	1.954%
52	11.618	810	812	814	rVB	1383274	1221085	12.50%	0.566%
53	12.075	848	852	855	rVB	2315710	3981547	40.77%	1.846%
54	12.155	857	859	863	rVB2	1975000	4057731	41.55%	1.881%
55	12.521	890	891	896	rVB3	725616	1201503	12.30%	0.557%
56	12.601	896	898	899	rVV	946670	1169839	11.98%	0.542%
57	12.635	899	901	904	rVV	725975	1128971	11.56%	0.523%
58	12.681	904	905	908	rVB2	713021	789910	8.09%	0.366%
59	12.761	910	912	914	rVB	5850954	7643705	78.28%	3.543%
60	12.818	914	917	919	rVB3	189721	360315	3.69%	0.167%
61	12.852	919	920	921	rBV	503705	345944	3.54%	0.160%
62	13.001	929	933	935	rVV	6725086	9764915	100.00%	4.526%
63	13.035	935	936	940	rVB2	423704	606460	6.21%	0.281%
64	13.127	942	944	948	rVB	4154754	5463979	55.96%	2.533%
65	13.207	948	951	955	rVB3	762849	1277532	13.08%	0.592%
66	13.309	957	960	962	rVB	865437	1820070	18.64%	0.844%
67	13.378	964	966	968	rBV	507941	470192	4.82%	0.218%
68	13.424	968	970	971	rBV	835564	963665	9.87%	0.447%
69	13.515	976	978	979	rVV	631449	572139	5.86%	0.265%
70	13.538	979	980	982	rVB	539992	606719	6.21%	0.281%
71	13.824	1002	1005	1007	rVB	530962	798265	8.17%	0.370%

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72	13.927	1012	1014	1016	rBV2	481061	812373	8.32%	0.377%
73	13.961	1016	1017	1018	rVV	729268	649935	6.66%	0.301%
74	14.029	1021	1023	1027	rVB2	957595	1086551	11.13%	0.504%
75	14.178	1033	1036	1038	rBV2	4169207	6203903	63.53%	2.876%
76	14.212	1038	1039	1043	rVV	3177860	3566110	36.52%	1.653%
77	14.292	1045	1046	1050	rVV2	546217	751273	7.69%	0.348%
78	14.407	1054	1056	1058	rVV2	260073	404191	4.14%	0.187%
79	14.578	1068	1071	1072	rVV	748830	1148749	11.76%	0.532%
80	14.612	1072	1074	1075	rVV	409665	586935	6.01%	0.272%
81	14.670	1075	1079	1080	rVV3	387413	779744	7.99%	0.361%
82	14.704	1080	1082	1085	rVV4	405215	934055	9.57%	0.433%
83	14.772	1085	1088	1090	rVB2	270794	429452	4.40%	0.199%
84	15.081	1111	1115	1119	rBV3	229327	624718	6.40%	0.290%
85	15.252	1127	1130	1135	rBV	2940139	6748237	69.11%	3.128%
86	15.355	1138	1139	1142	rVB	545740	621114	6.36%	0.288%
87	15.447	1145	1147	1151	rBV3	133270	401519	4.11%	0.186%
88	15.572	1155	1158	1160	rVV	1698383	2802324	28.70%	1.299%
89	15.630	1160	1163	1166	rVV	2576177	3828097	39.20%	1.774%
90	15.698	1166	1169	1170	rVV	819100	1416237	14.50%	0.656%
91	15.721	1170	1171	1175	rVB2	824594	1177187	12.06%	0.546%
92	16.270	1217	1219	1224	rVB	192345	328994	3.37%	0.152%
93	17.035	1280	1286	1290	rBV3	274178	1040732	10.66%	0.482%
94	17.218	1297	1302	1305	rVB	1366724	2887959	29.57%	1.339%
95	17.390	1314	1317	1320	rBV	273802	563213	5.77%	0.261%
96	17.447	1320	1322	1325	rBV2	221572	412823	4.23%	0.191%
97	17.676	1337	1342	1350	rVV	1184621	2748626	28.15%	1.274%
98	17.801	1351	1353	1359	rVV5	81001	324923	3.33%	0.151%
99	17.904	1359	1362	1370	rVB2	284582	776294	7.95%	0.360%
100	18.864	1443	1446	1461	rVB6	85103	456249	4.67%	0.211%

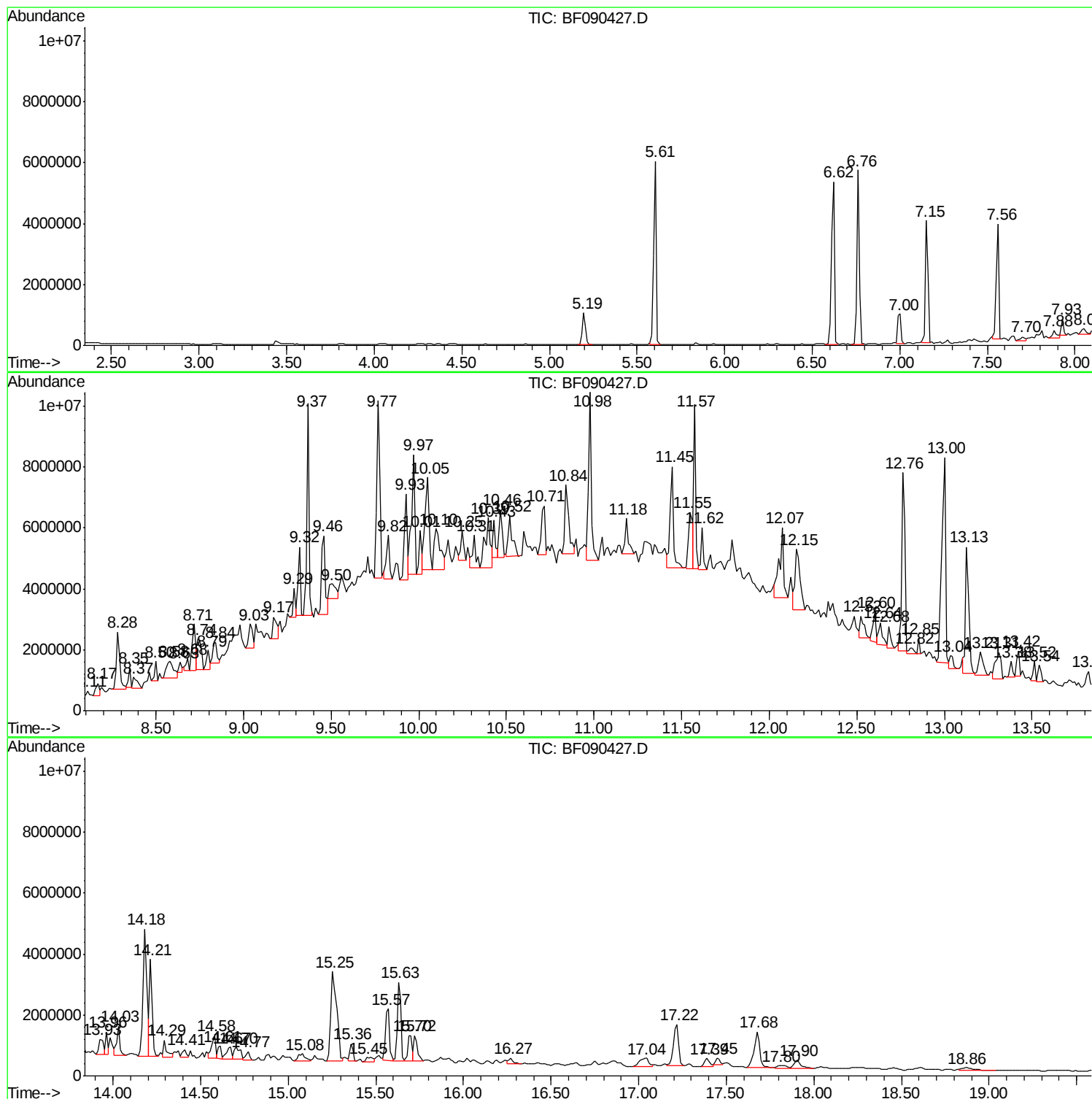
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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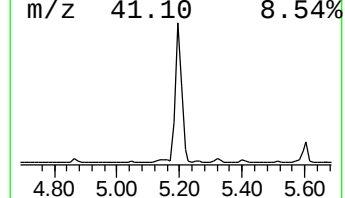
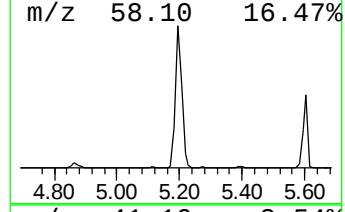
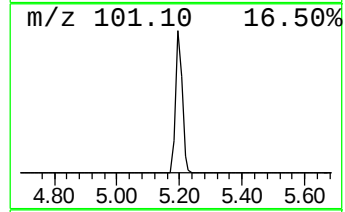
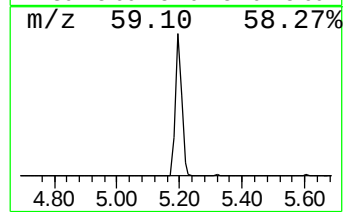
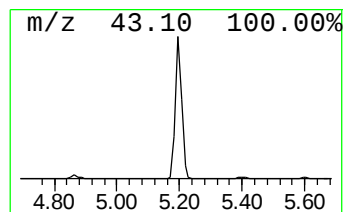
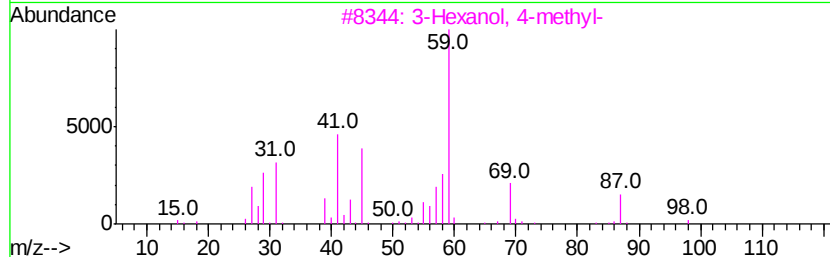
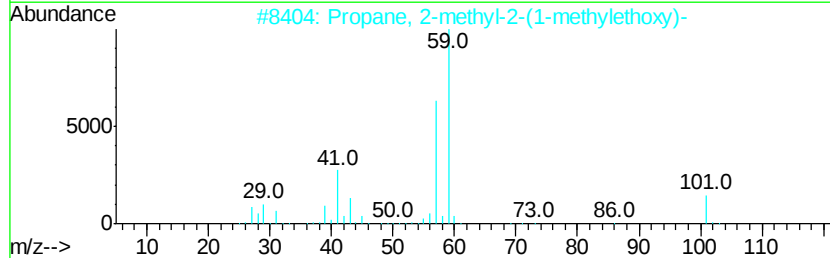
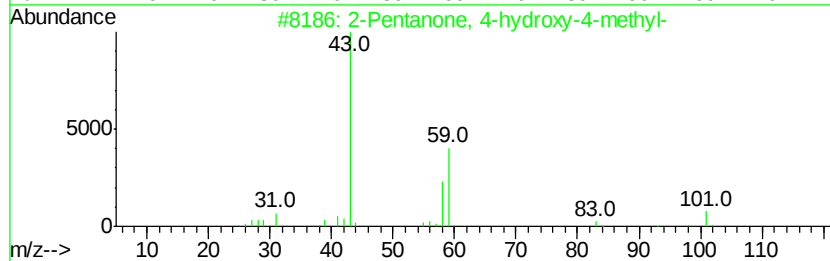
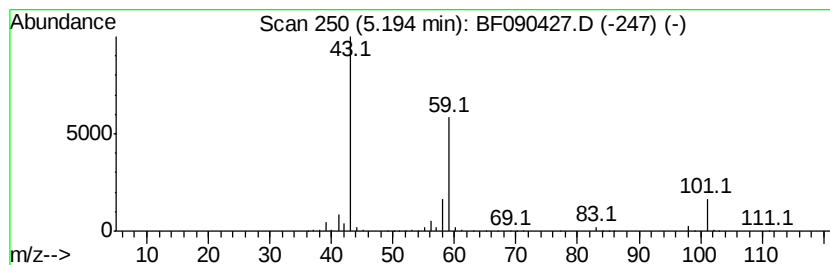
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	20.35 ng	1378860	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		3-Octanol	130	C8H18O	000589-98-0	33
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28



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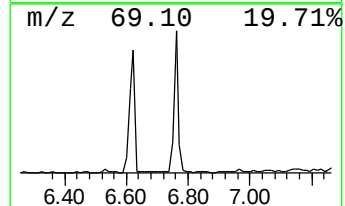
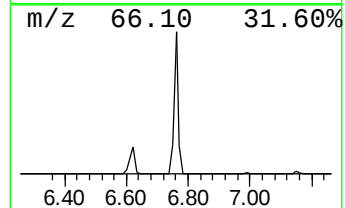
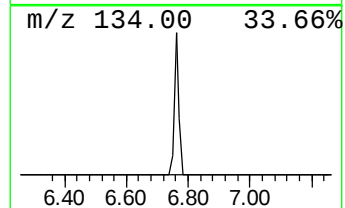
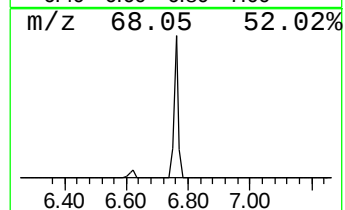
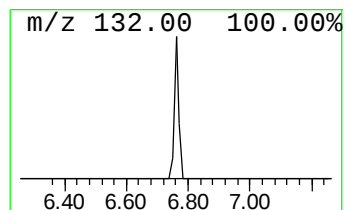
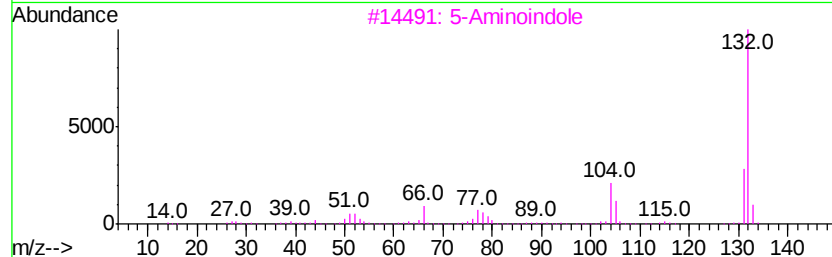
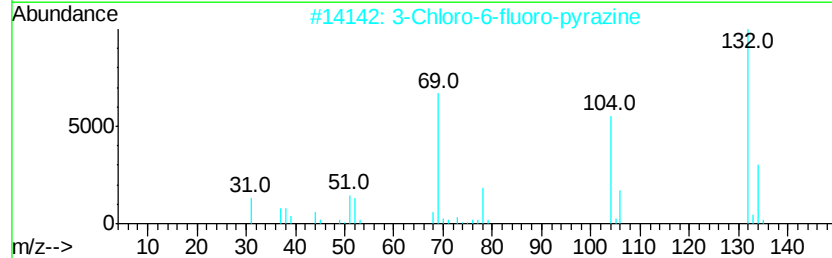
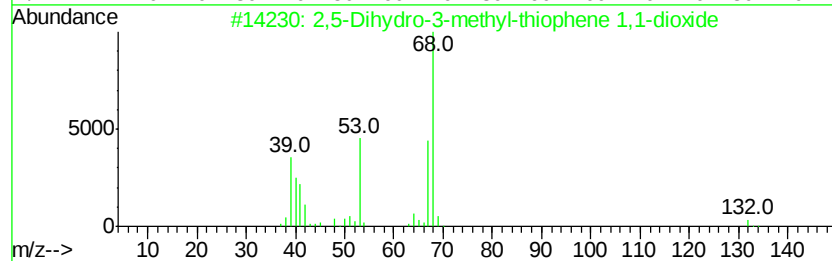
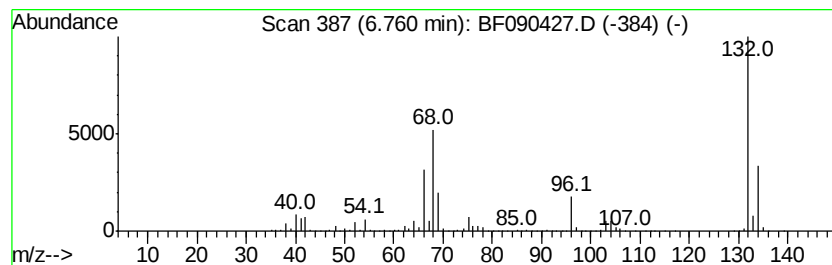
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.76 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	85.60 ng	5799890	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Dihydro-3-methyl-thiophene 1...	132	C5H8O2S	001193-10-8	17
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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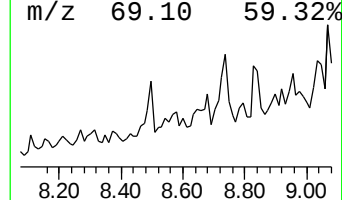
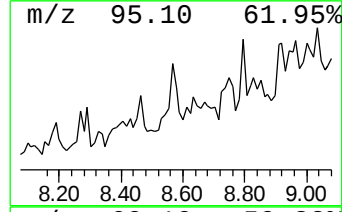
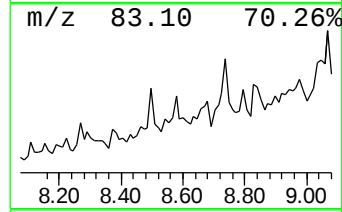
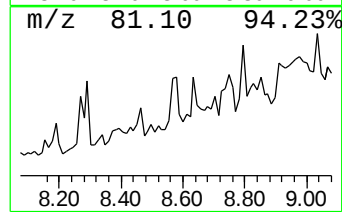
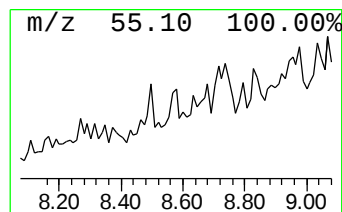
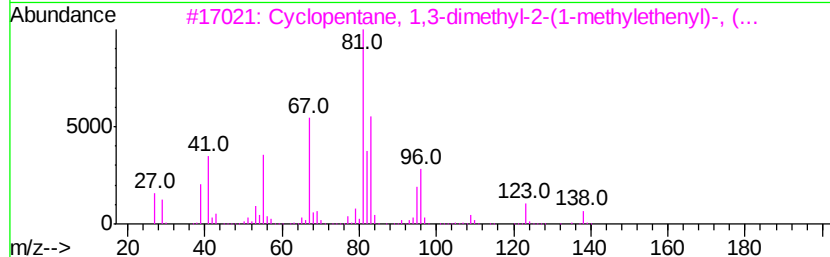
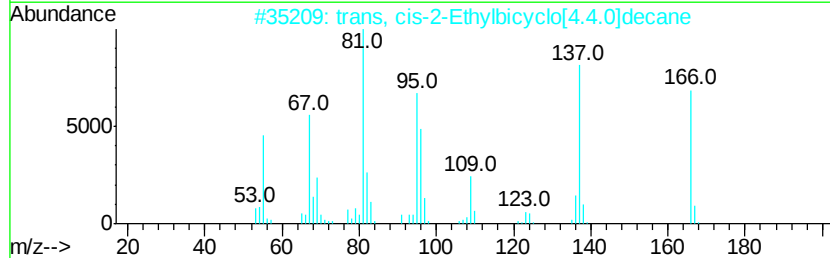
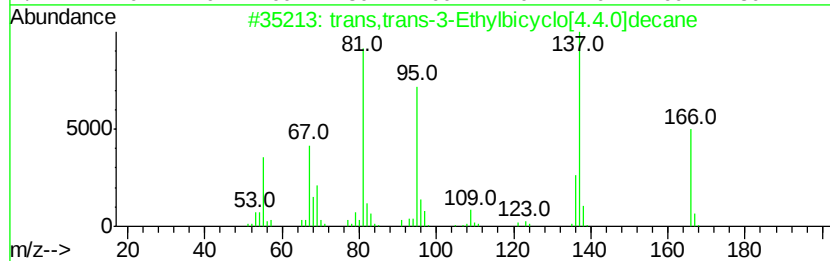
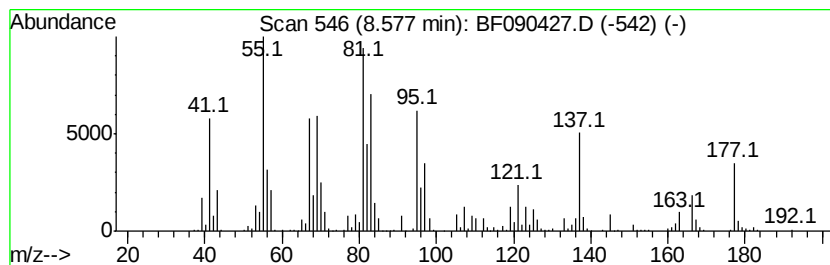
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 trans,trans-3-Ethylbicyclo[...] Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	12.27 ng	1696670	Napthalene-d8	8.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,trans-3-Ethylbicyclo[4.4.0]...	166	C12H22	058462-32-1	58		
2	trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	58		
3	Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-31-2	53		
4	cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	52		
5	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	49		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100616\
Data File : BF090427.D
Acq On : 6 Oct 2016 19:25
Operator : UM/SJ
Sample : H5085-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)

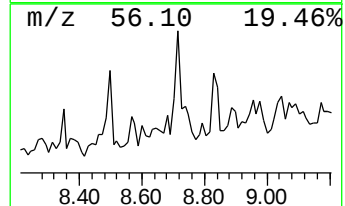
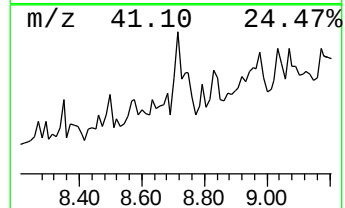
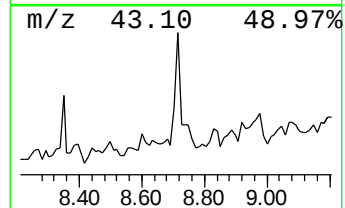
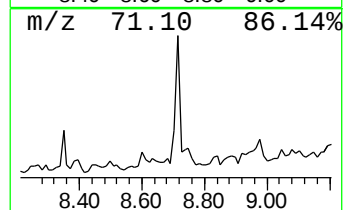
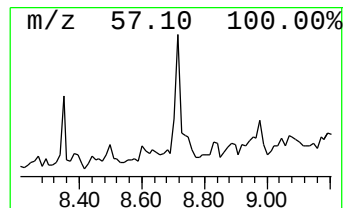
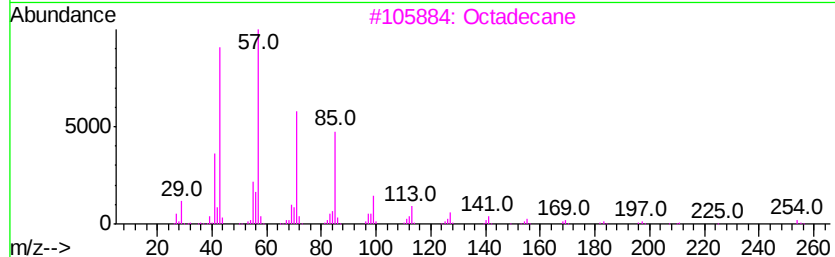
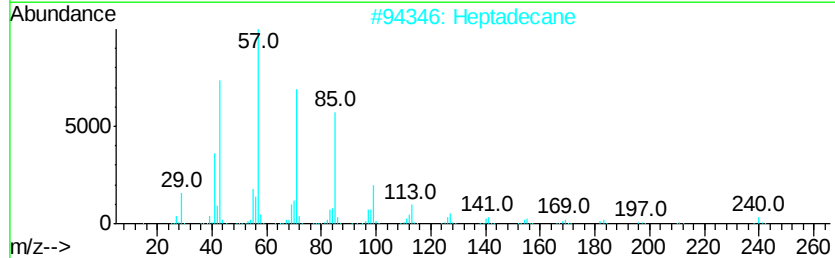
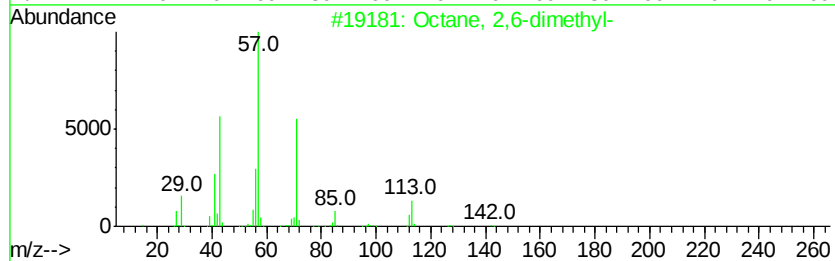
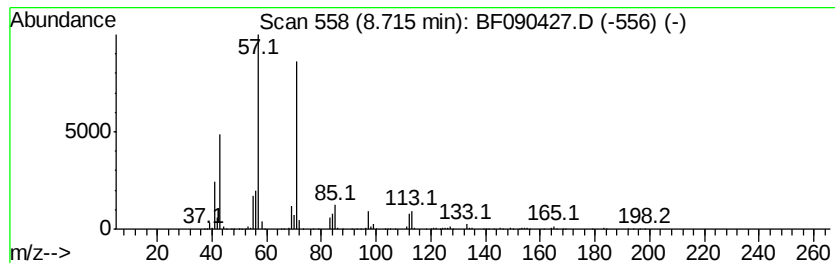
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	14.09 ng	1948290	Naphthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2		Heptadecane	240	C17H36	000629-78-7	83
3		Octadecane	254	C18H38	000593-45-3	83
4		Heptane, 3-[(ethenyl)oxy]methyl-	156	C10H20O	000103-44-6	64
5		Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100616\
Data File : BF090427.D
Acq On : 6 Oct 2016 19:25
Operator : UM/SJ
Sample : H5085-02
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Instrument :
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ClientSampleId :
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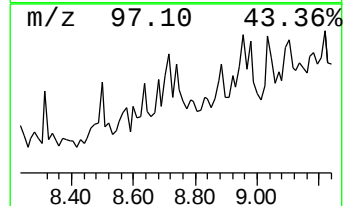
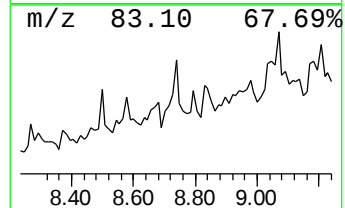
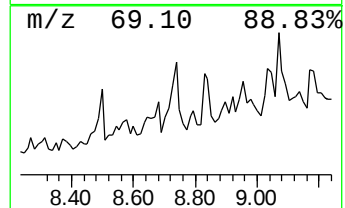
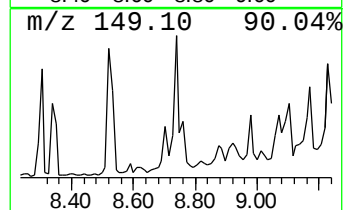
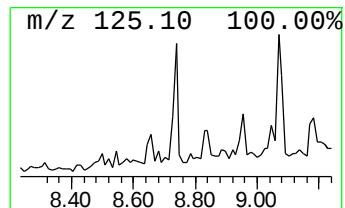
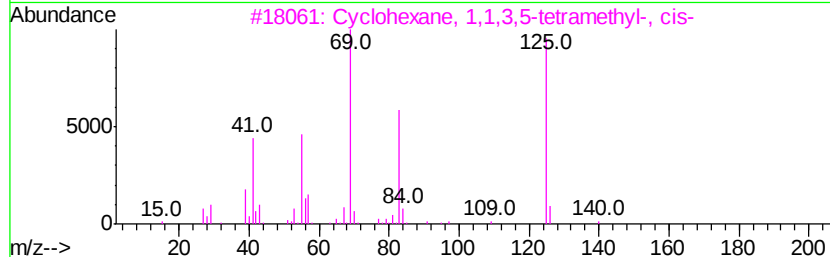
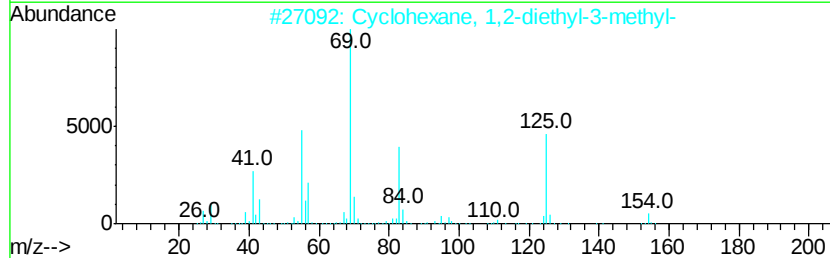
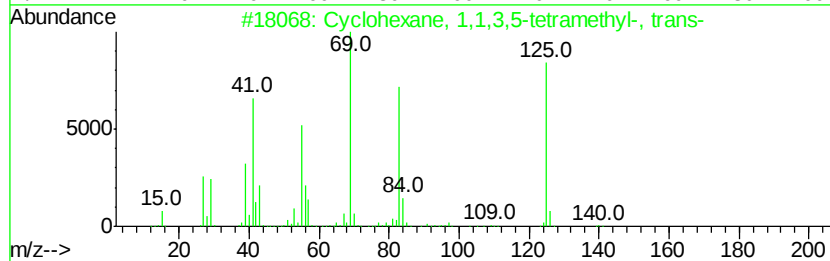
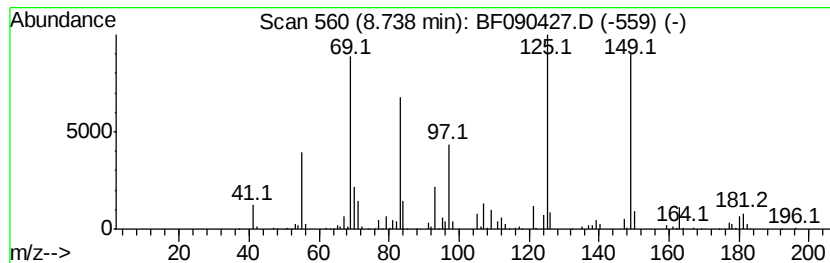
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.74 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	12.56 ng	1736840	Naphthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43
2		Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	37
3		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	37
4		2-Cyclohexen-1-ol, 3,5,5-trimethyl-	140	C9H16O	000470-99-5	37
5		Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
Data File : BF090427.D
Acq On : 6 Oct 2016 19:25
Operator : UM/SJ
Sample : H5085-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

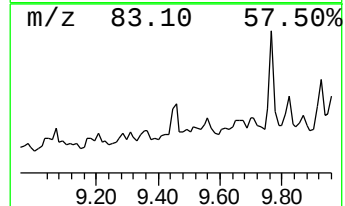
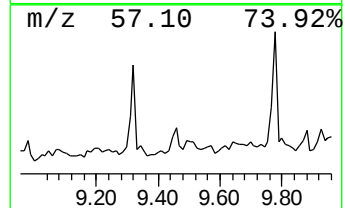
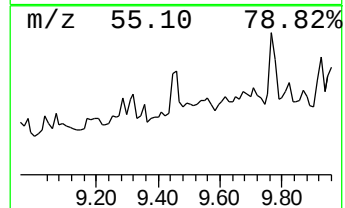
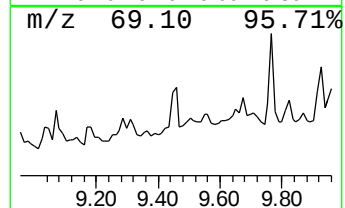
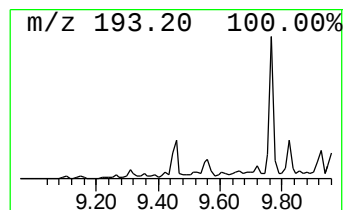
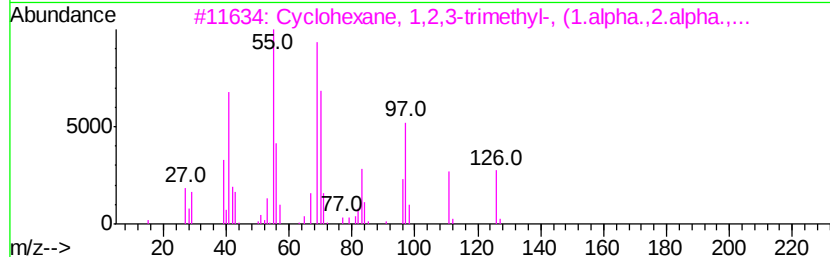
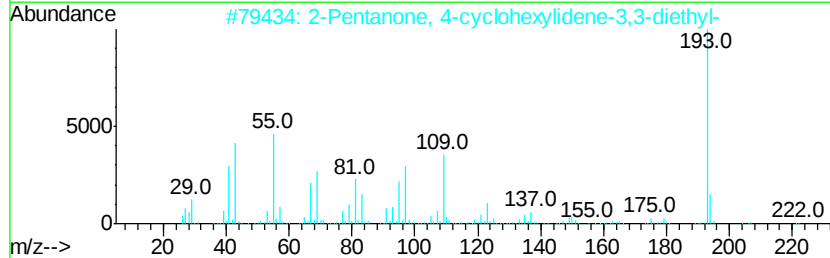
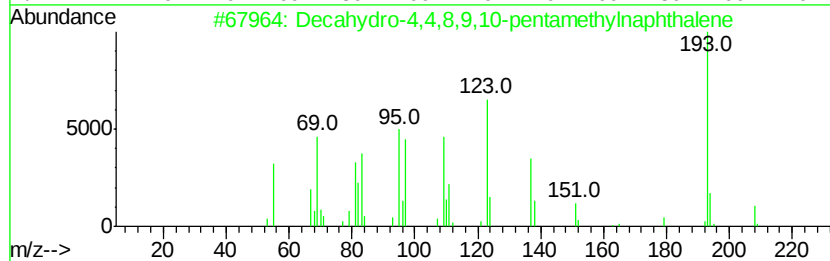
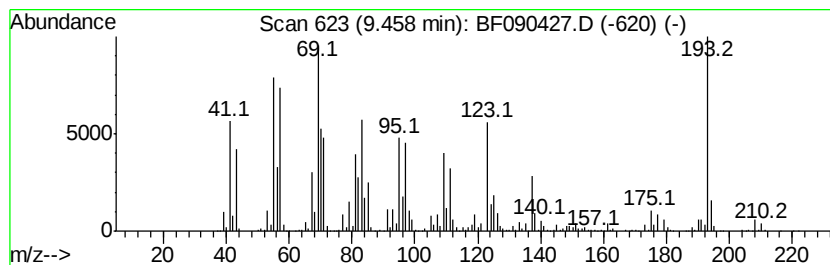
Instrument :
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ClientSampleId :
CHA-STA-1698-D(0-2)

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

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

Peak Number 7 Decahydro-4,4,8,9,10-pentam... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	17.91 ng	4176870	Acenaphthene-d10	10.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208 C15H28	080655-44-3 58
2		2-Pentanone, 4-cyclohexylidene-3...	222 C15H26O	313253-65-5 38
3		Cyclohexane, 1,2,3-trimethyl-, (...)	126 C9H18	007667-55-2 35
4		Cyclohexane, 1,2,3-trimethyl-	126 C9H18	001678-97-3 35
5		3-Methyl-2-(2-oxopropyl)furan	138 C8H10O2	087773-62-4 25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100616\
Data File : BF090427.D
Acq On : 6 Oct 2016 19:25
Operator : UM/SJ
Sample : H5085-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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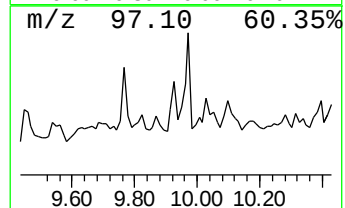
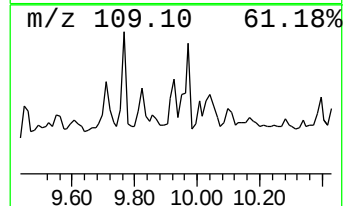
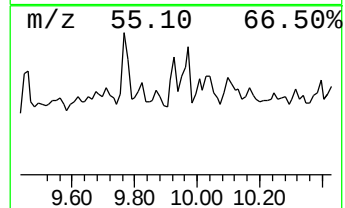
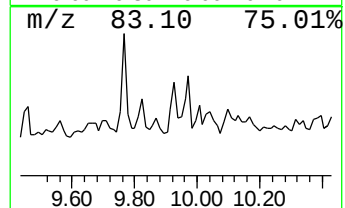
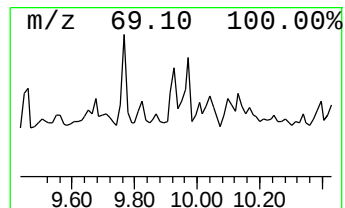
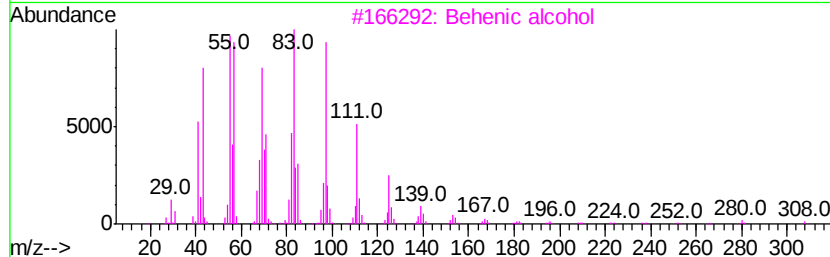
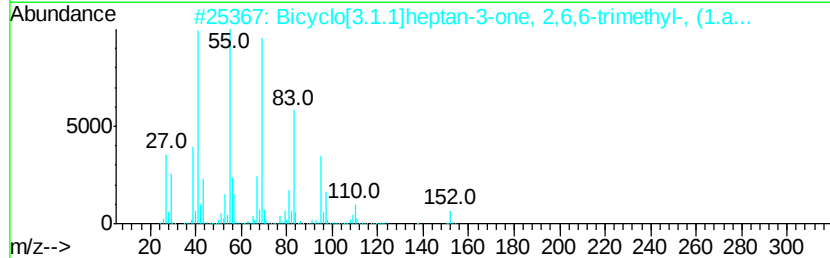
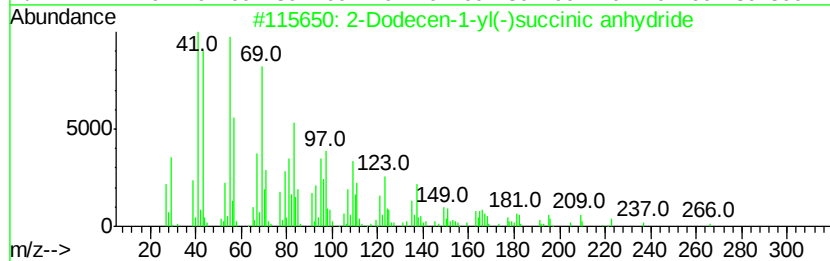
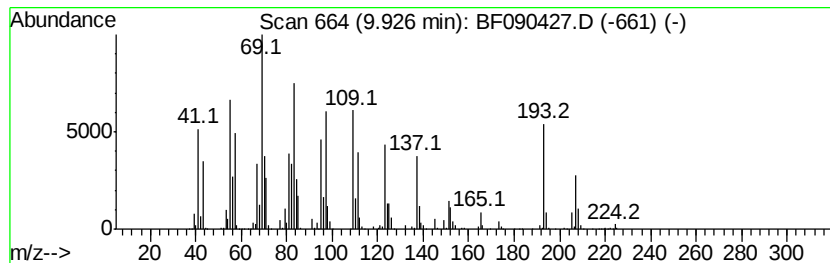
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Dodecen-1-yl(-)succinic a... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	15.40 ng	3592500	Acenaphthene-d10	10.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	72
2		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
3		Behenic alcohol	326	C22H46O	000661-19-8	30
4		9-Undecenol, 2,10-dimethyl-	198	C13H26O	1000131-86-0	30
5		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100616\
Data File : BF090427.D
Acq On : 6 Oct 2016 19:25
Operator : UM/SJ
Sample : H5085-02
Misc :
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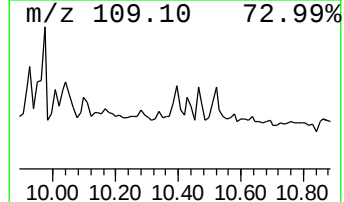
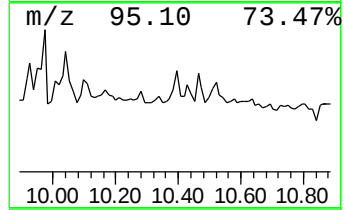
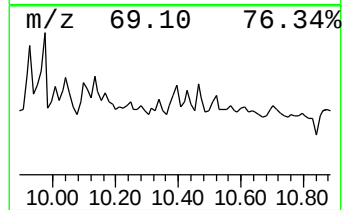
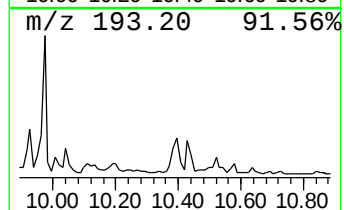
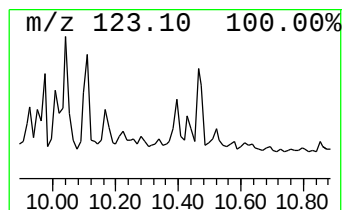
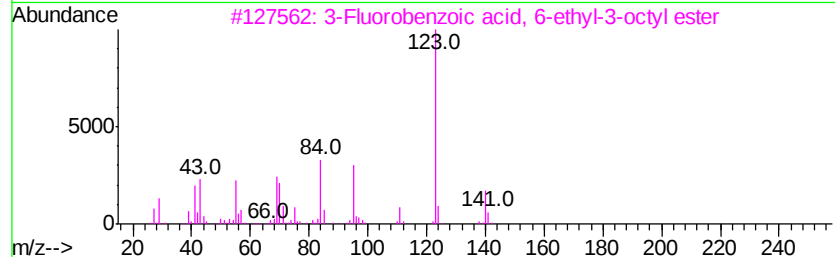
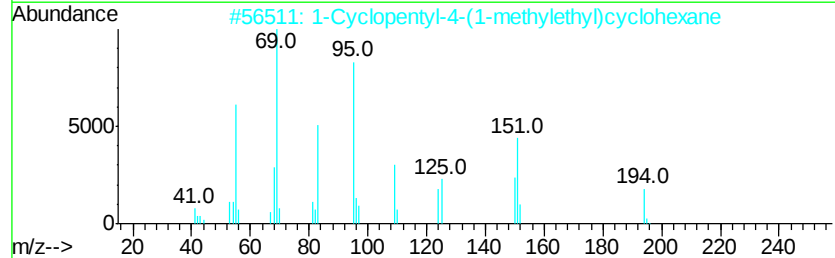
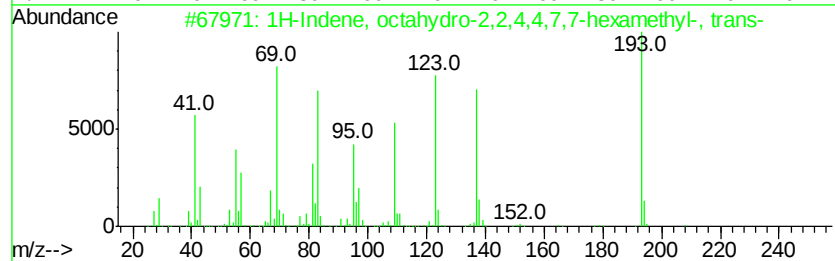
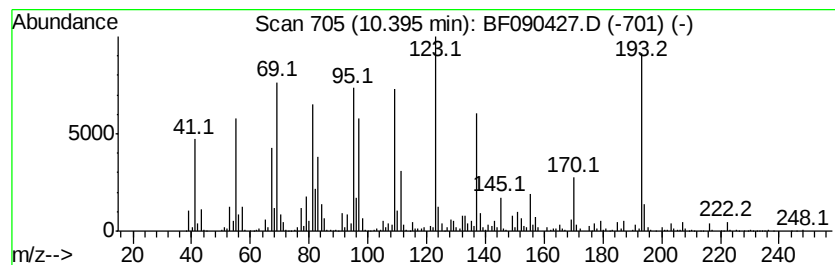
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Indene, octahydro-2,2,4,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	15.02 ng	3503240	Acenaphthene-d10	10.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, octahydro-2,2,4,4,7,7...	208 C15H28	054832-83-6 70
2		1-Cyclopentyl-4-(1-methylethyl)c...	194 C14H26	1000215-44-4 38
3		3-Fluorobenzoic acid, 6-ethyl-3-...	280 C17H25F02	1000279-01-9 38
4		6-Acetamido-1,4-benzodioxane	193 C10H11N03	063546-19-0 30
5		3-Fluorobenzoic acid, 1-cyclopen...	236 C14H17F02	1000279-04-7 22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
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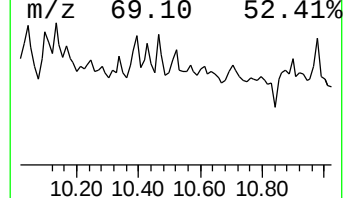
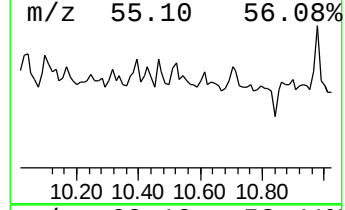
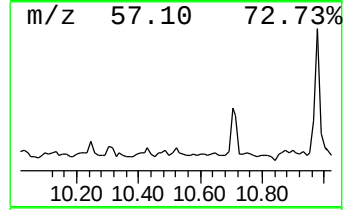
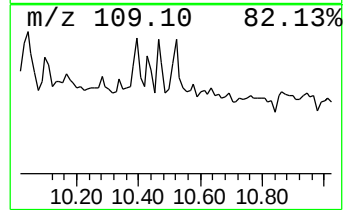
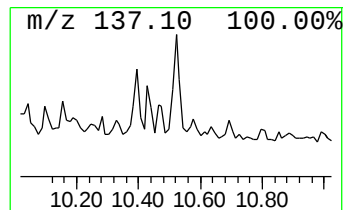
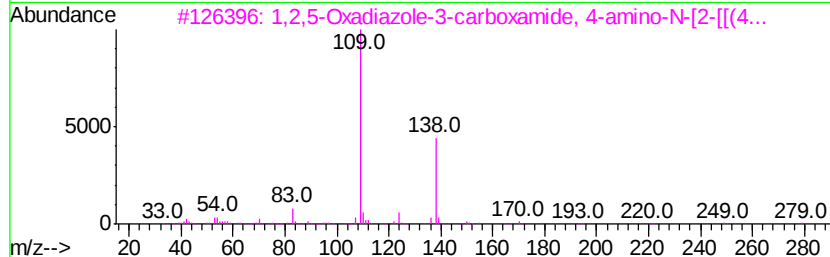
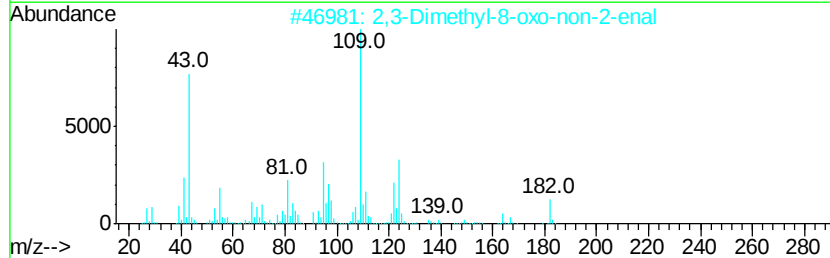
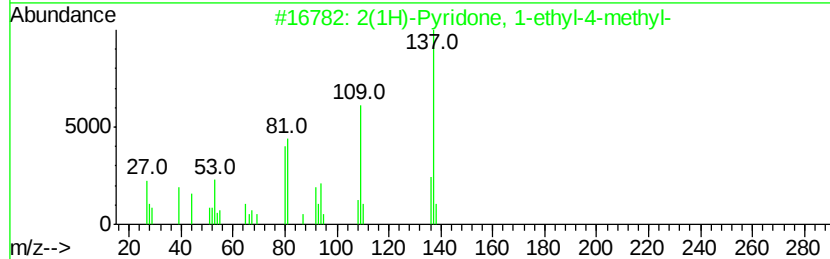
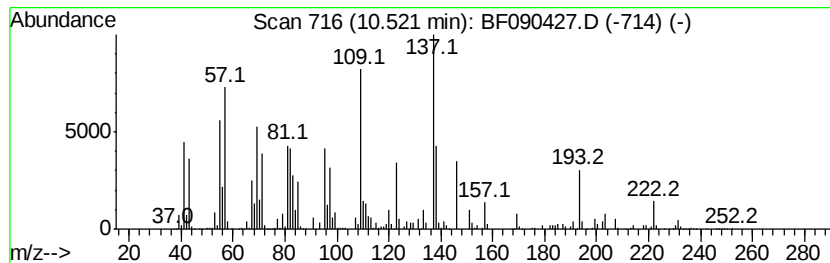
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown10.52 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.52	9.37 ng	2184440	Acenaphthene-d10	10.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Pvridone, 1-ethyl-4-methyl-	137	C8H11NO	019006-62-3	38
2	2,3-Dimethyl-8-oxo-non-2-enal	182	C11H18O2	1000186-82-6	27
3	1,2,5-Oxadiazole-3-carboxamide, ...	279	C12H14FN5O2	1000337-13-0	22
4	2-Methyl-5-valeramido pyrimidine	193	C10H15N3O	1000213-95-9	22
5	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
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Acq On : 6 Oct 2016 19:25
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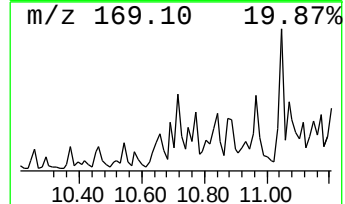
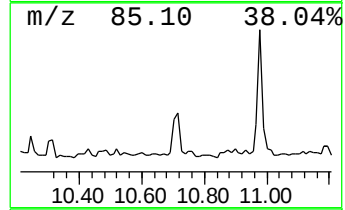
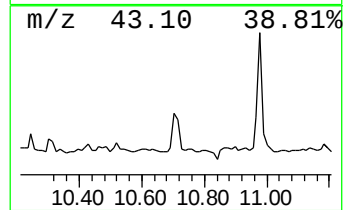
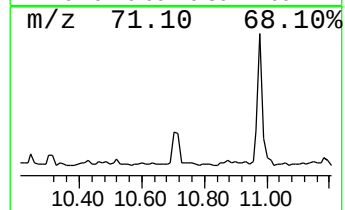
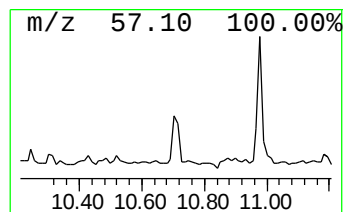
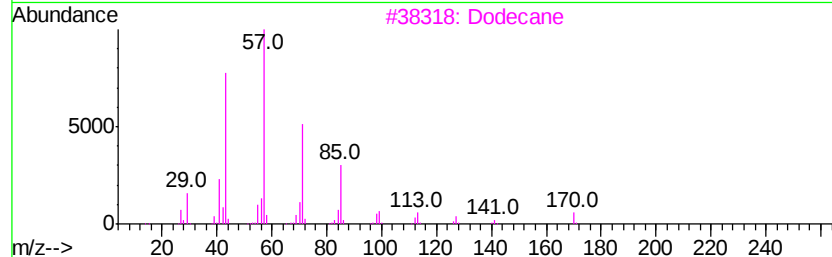
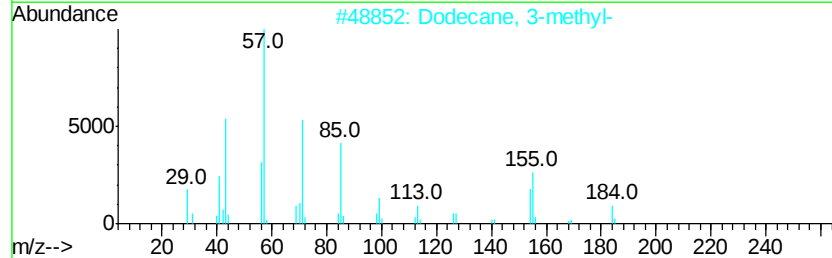
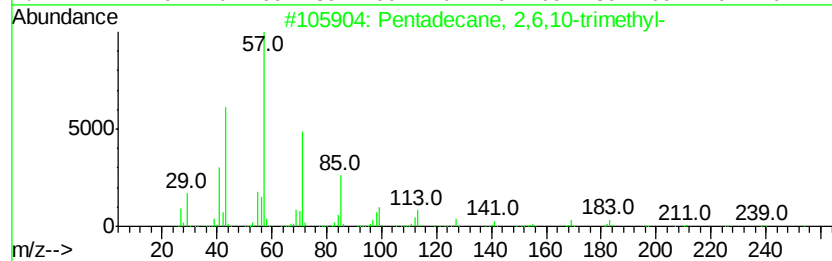
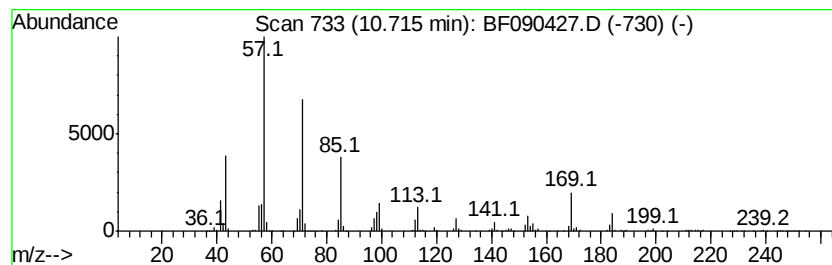
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ClientSampleId :
CHA-STA-1698-D(0-2)

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

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

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	10.85 ng	2530940	Acenaphthene-d10	10.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0 81
2		Dodecane, 3-methyl-	184 C13H28	017312-57-1 74
3		Dodecane	170 C12H26	000112-40-3 68
4		Tridecane	184 C13H28	000629-50-5 68
5		Hexadecane	226 C16H34	000544-76-3 68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
Data File : BF090427.D
Acq On : 6 Oct 2016 19:25
Operator : UM/SJ
Sample : H5085-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

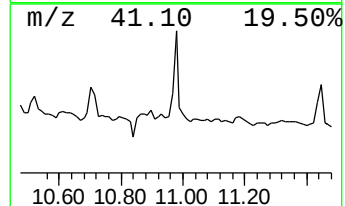
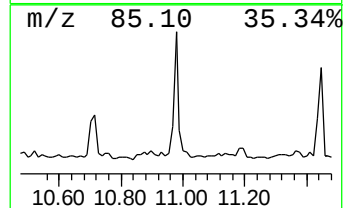
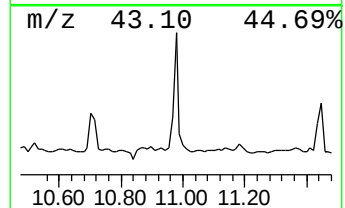
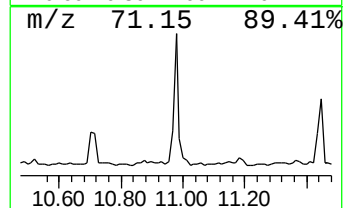
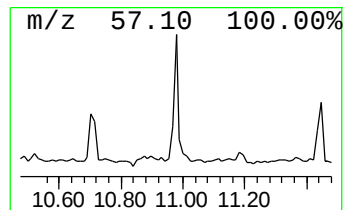
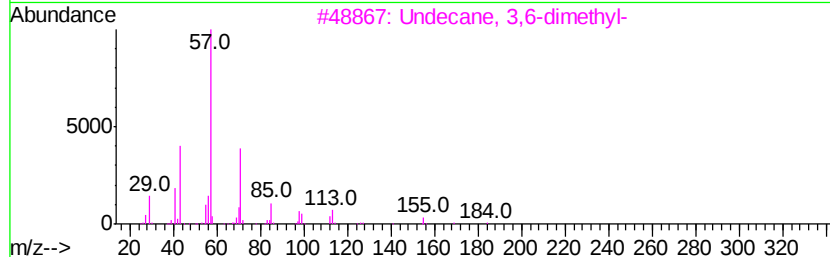
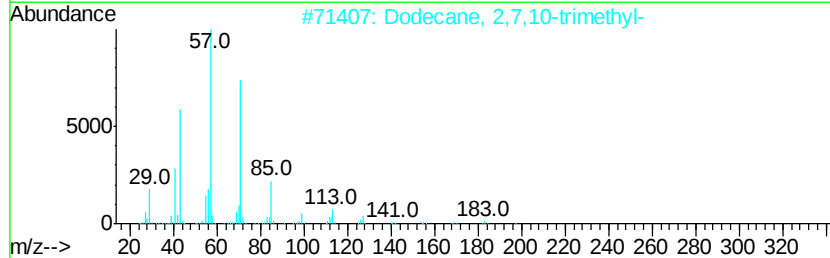
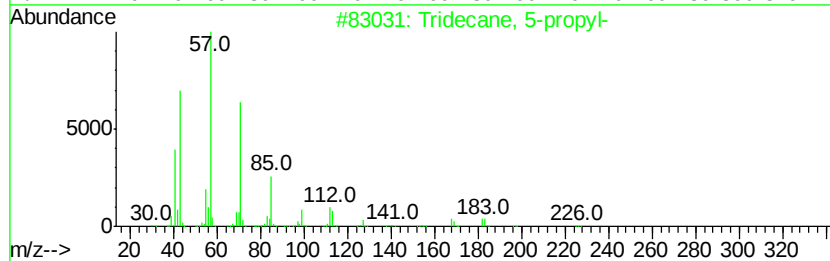
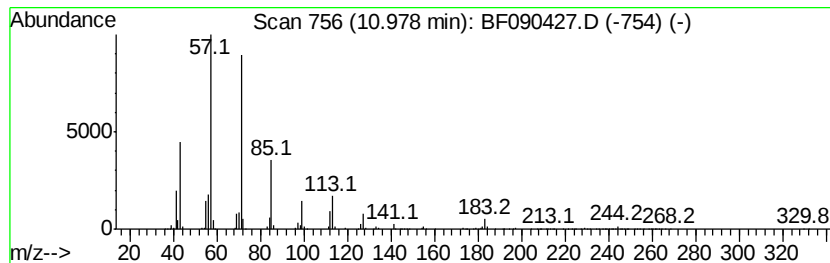
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.98	43.99 ng	6466790	Phenanthrene-d10	11.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
Data File : BF090427.D
Acq On : 6 Oct 2016 19:25
Operator : UM/SJ
Sample : H5085-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CHA-STA-1698-D(0-2)

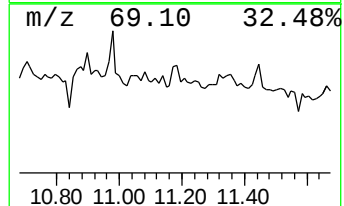
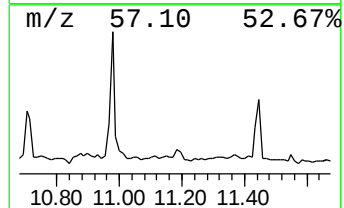
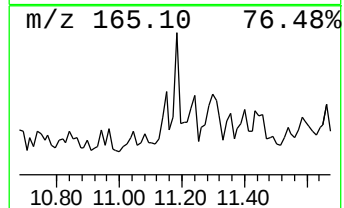
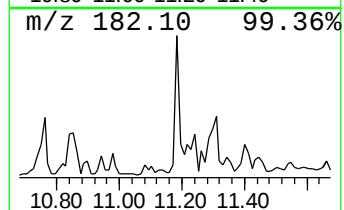
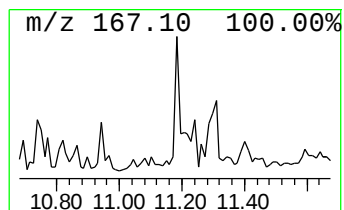
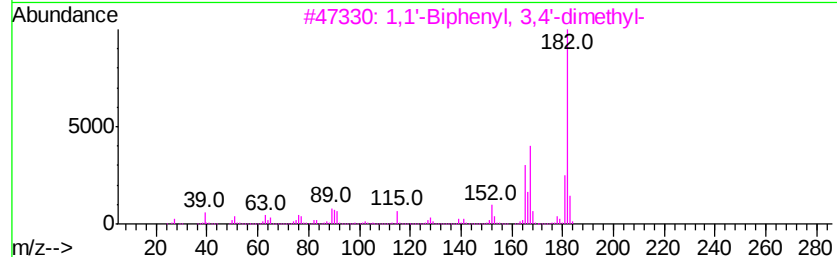
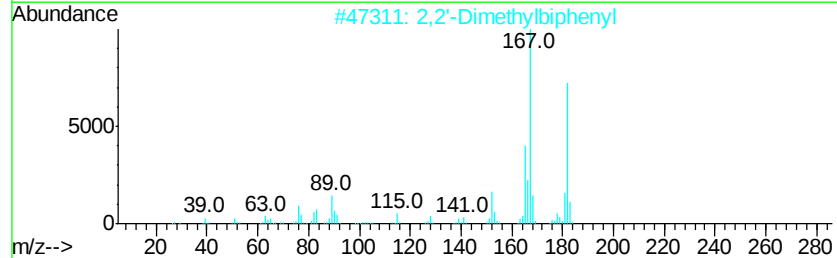
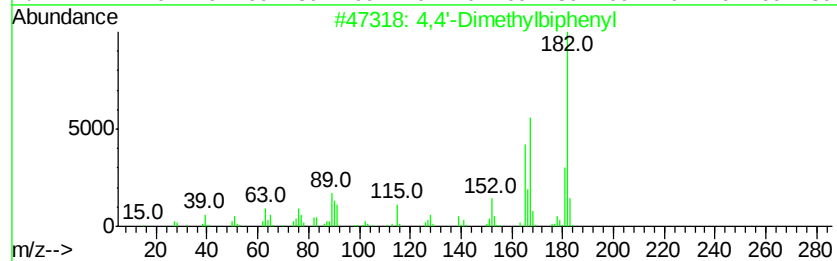
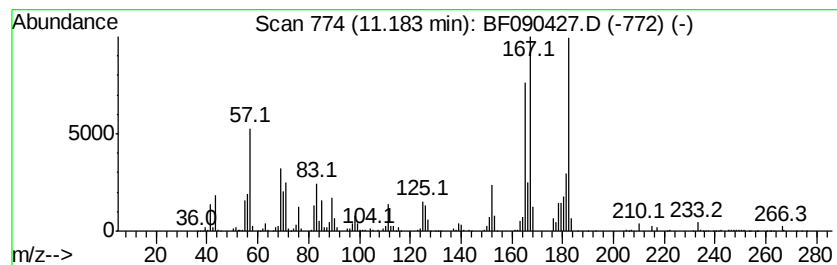
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4,4'-Dimethylbiphenyl Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	10.32 ng	1517540	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	90
2		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	76
3		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	72
4		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	70
5		1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100616\
Data File : BF090427.D
Acq On : 6 Oct 2016 19:25
Operator : UM/SJ
Sample : H5085-02
Misc :
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Instrument :
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ClientSampleId :
CHA-STA-1698-D(0-2)

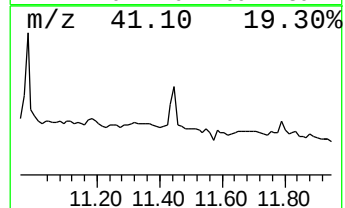
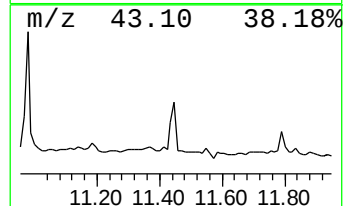
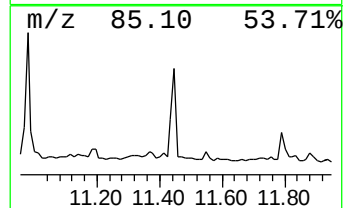
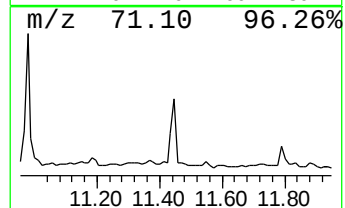
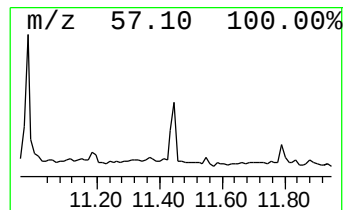
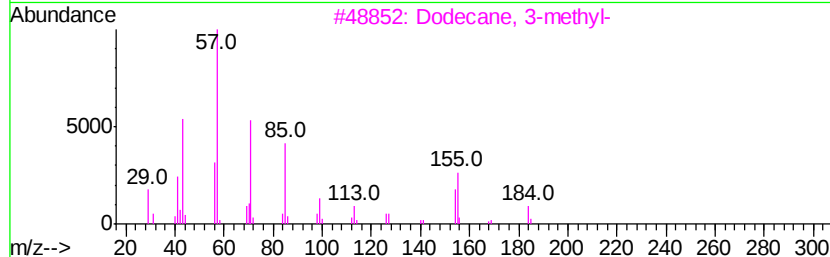
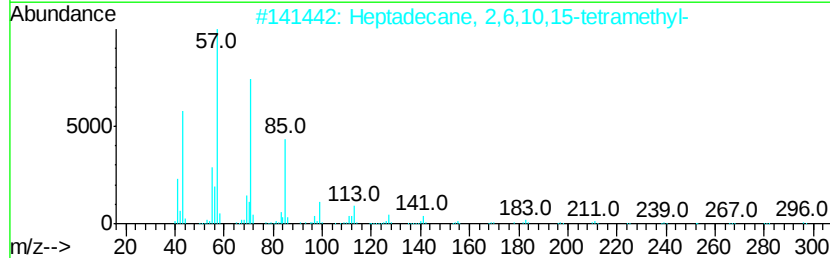
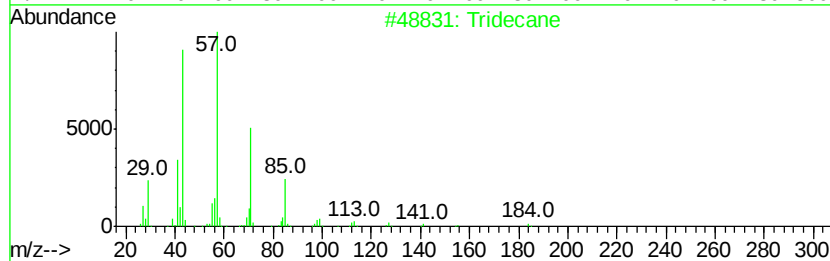
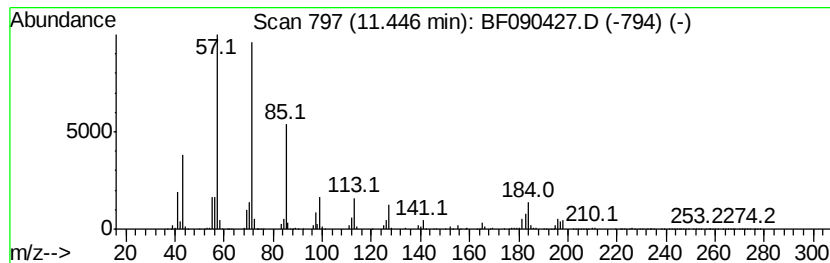
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	32.53 ng	4782550	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
4		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72
5		Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
Data File : BF090427.D
Acq On : 6 Oct 2016 19:25
Operator : UM/SJ
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Misc :
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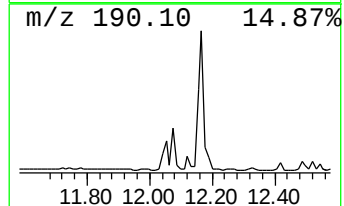
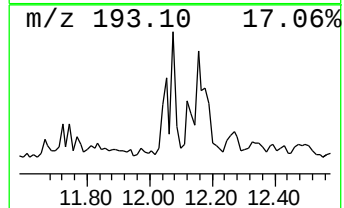
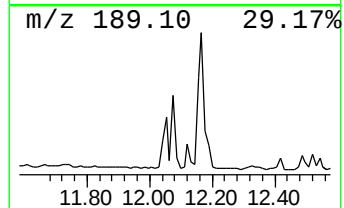
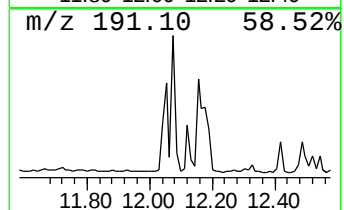
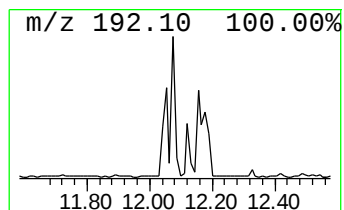
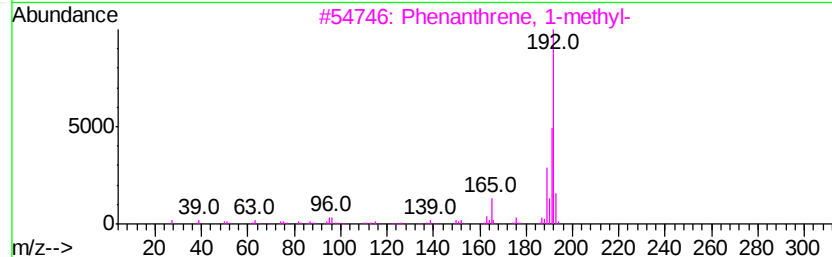
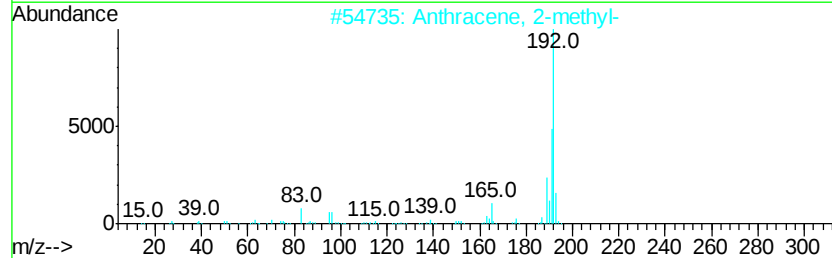
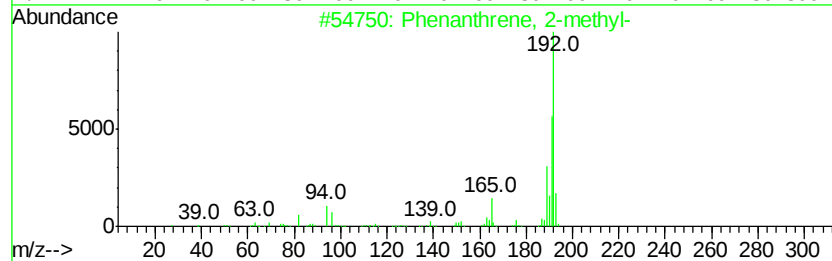
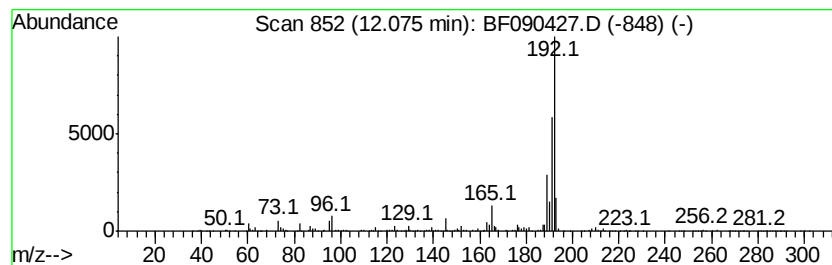
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	27.09 ng	3981550	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100616\
Data File : BF090427.D
Acq On : 6 Oct 2016 19:25
Operator : UM/SJ
Sample : H5085-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CHA-STA-1698-D(0-2)

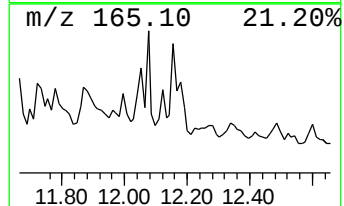
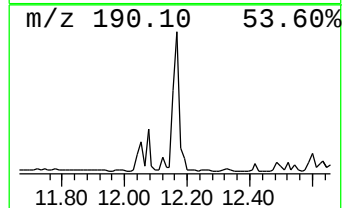
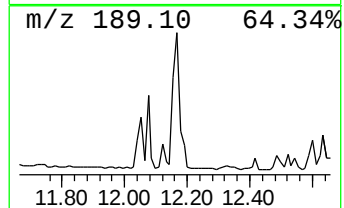
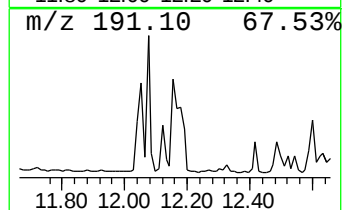
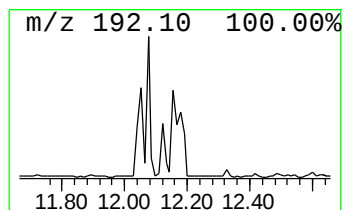
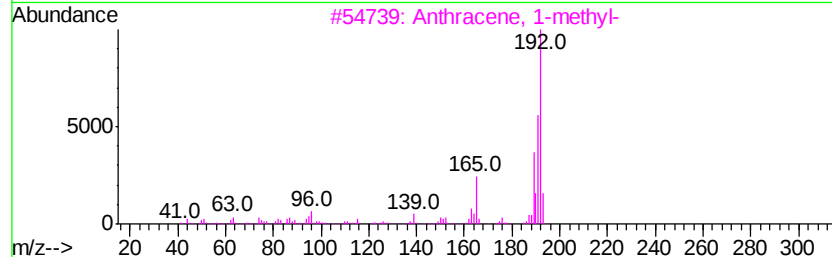
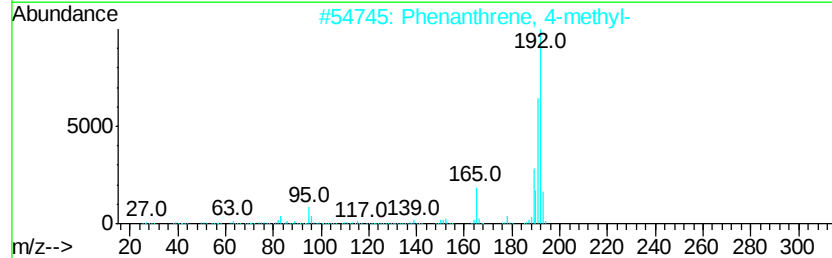
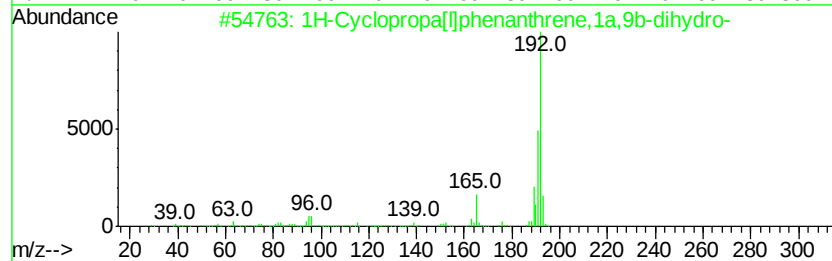
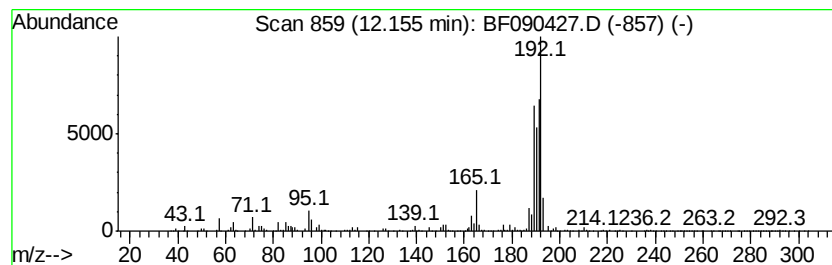
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	27.60 ng	4057730	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	92
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100616\
Data File : BF090427.D
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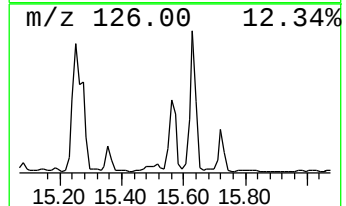
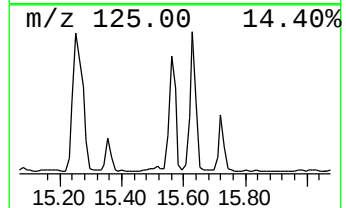
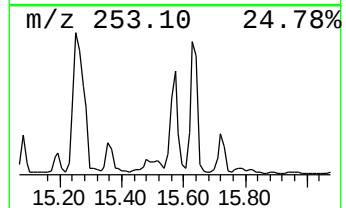
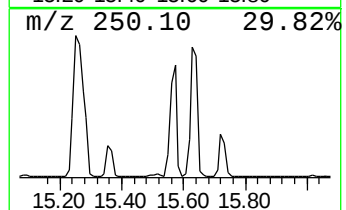
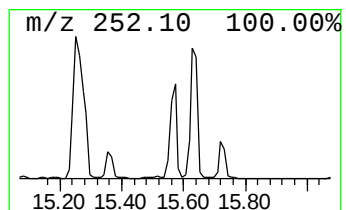
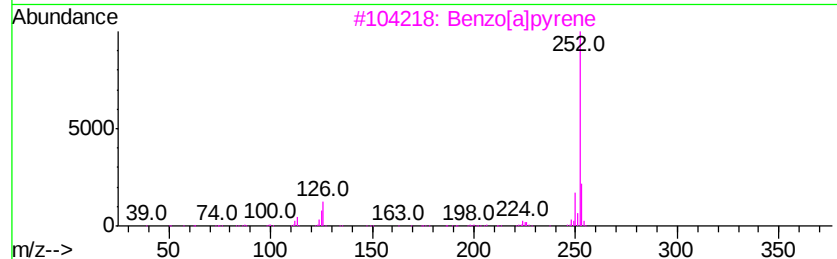
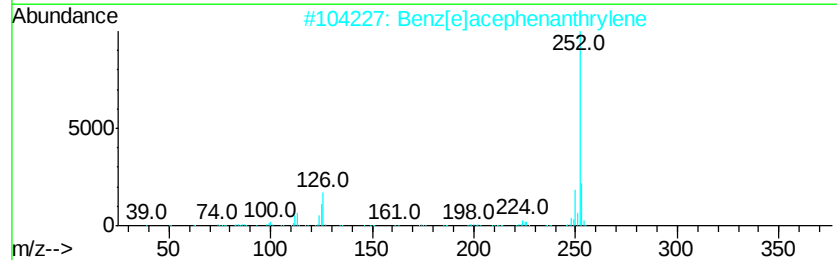
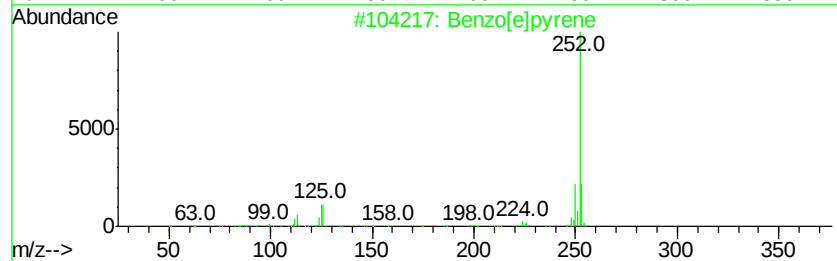
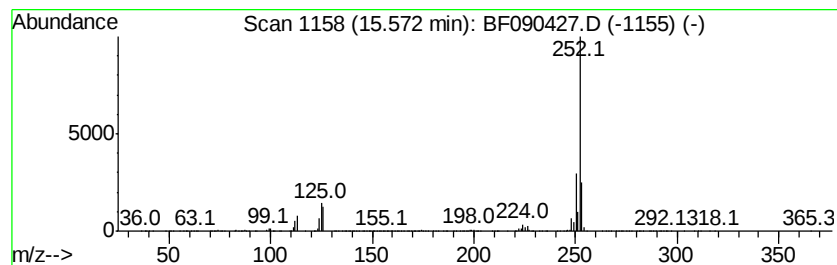
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	39.57 ng	2802320	Perylene-d12	15.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]bpvrene	252	C20H12	000192-97-2	99
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	98
3			Benzo[a]pvrene	252	C20H12	000050-32-8	98
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
5			Perylene	252	C20H12	000198-55-0	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100616\
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Acq On : 6 Oct 2016 19:25
Operator : UM/SJ
Sample : H5085-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CHA-STA-1698-D(0-2)

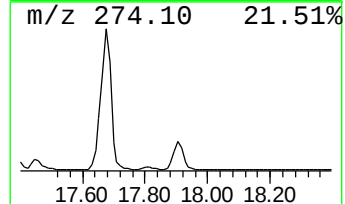
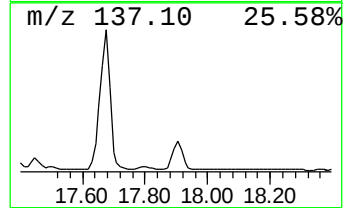
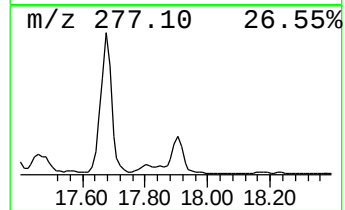
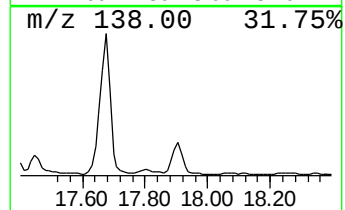
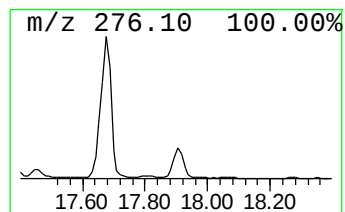
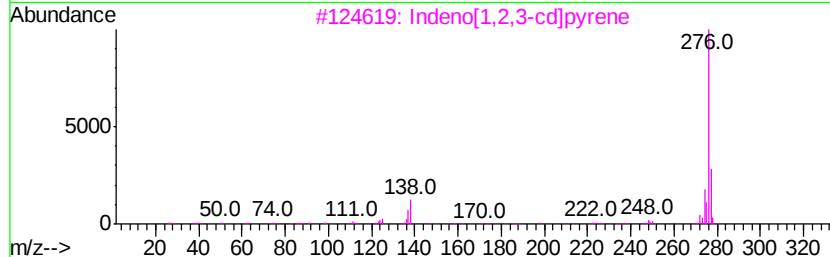
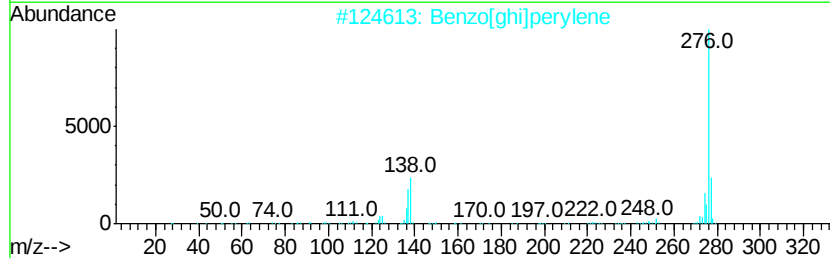
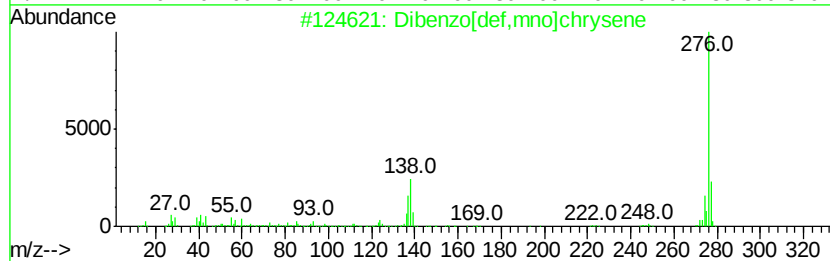
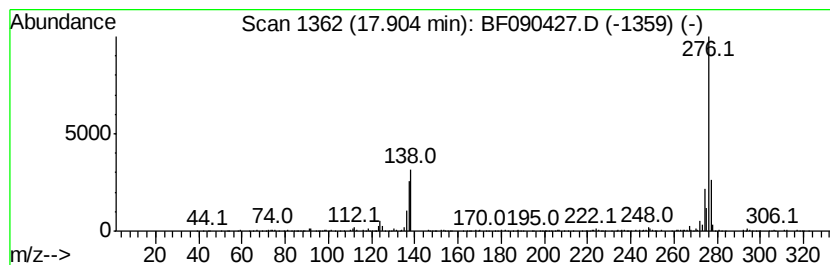
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	10.96 ng	776294	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	80
5		Naphthalen-1-yl-(3-nitro-benzyl)...	276	C17H12N2O2	200421-53-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100616\
 Data File : BF090427.D
 Acq On : 6 Oct 2016 19:25
 Operator : UM/SJ
 Sample : H5085-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-STA-1698-D(0-2)

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.19	20.4	ng	1378860	1	7.00	1355180	20.0
unknown6.76	6.76	85.6	ng	5799890	1	7.00	1355180	20.0
trans,trans-3-Eth...	8.58	12.3	ng	1696670	2	8.28	2766040	20.0
Octane, 2,6-dimet...	8.71	14.1	ng	1948290	2	8.28	2766040	20.0
unknown8.74	8.74	12.6	ng	1736840	2	8.28	2766040	20.0
Decahydro-4,4,8,9...	9.46	17.9	ng	4176870	3	10.05	4664980	20.0
2-Dodecen-1-yl(-)...	9.93	15.4	ng	3592500	3	10.05	4664980	20.0
1H-Indene, octahy...	10.39	15.0	ng	3503240	3	10.05	4664980	20.0
unknown10.52	10.52	9.4	ng	2184440	3	10.05	4664980	20.0
Pentadecane, 2,6,...	10.71	10.9	ng	2530940	3	10.05	4664980	20.0
Tridecane, 5-propyl-	10.98	44.0	ng	6466790	4	11.55	2940020	20.0
4,4'-Dimethylbiph...	11.18	10.3	ng	1517540	4	11.55	2940020	20.0
Tridecane	11.45	32.5	ng	4782550	4	11.55	2940020	20.0
Phenanthrene, 2-m...	12.08	27.1	ng	3981550	4	11.55	2940020	20.0
1H-Cyclopropa[l]p...	12.16	27.6	ng	4057730	4	11.55	2940020	20.0
Benzo[e]pyrene	15.57	39.6	ng	2802320	6	15.70	1416240	20.0
Dibenzo[def,mno]c...	17.90	11.0	ng	776294	6	15.70	1416240	20.0