

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090476.D
 Acq On : 8 Oct 2016 9:12
 Operator : UM/SJ
 Sample : H5134-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-15(6.5-8.5)

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	rBV	1125168	1777845	18.43%	0.887%
2	5.606	283	286	288	rVB	6302406	6507012	67.44%	3.245%
3	5.994	317	320	323	rBV2	124807	212548	2.20%	0.106%
4	6.234	338	341	345	rBV2	179849	343280	3.56%	0.171%
5	6.429	355	358	359	rBV	146407	204366	2.12%	0.102%
6	6.520	364	366	369	rBV3	456476	750684	7.78%	0.374%
7	6.623	372	375	377	rVB	5267078	6498502	67.35%	3.241%
8	6.760	384	387	389	rBV	6744044	7151391	74.12%	3.566%
9	6.852	393	395	396	rVB2	279558	295036	3.06%	0.147%
10	6.909	396	400	402	rBV4	200515	517788	5.37%	0.258%
11	6.955	402	404	405	rBV2	245715	293865	3.05%	0.147%
12	6.989	405	407	410	rVB2	1943687	2142836	22.21%	1.069%
13	7.057	410	413	414	rBV	534988	869090	9.01%	0.433%
14	7.103	416	417	418	rBV	294681	225393	2.34%	0.112%
15	7.149	418	421	422	rVB	4934833	5231738	54.22%	2.609%
16	7.172	422	423	424	rVB	412839	283001	2.93%	0.141%
17	7.217	426	427	428	rBV	257248	234220	2.43%	0.117%
18	7.263	429	431	433	rVB	787705	865923	8.97%	0.432%
19	7.309	433	435	436	rBV2	154874	193036	2.00%	0.096%
20	7.343	436	438	439	rBV2	172036	297768	3.09%	0.148%
21	7.389	439	442	443	rBV2	1203719	1241024	12.86%	0.619%
22	7.423	443	445	447	rVB2	428909	635608	6.59%	0.317%
23	7.469	447	449	451	rVB3	304230	347683	3.60%	0.173%
24	7.549	451	456	458	rBV	3508094	5849848	60.63%	2.917%
25	7.595	458	460	461	rVB2	232201	268927	2.79%	0.134%
26	7.640	461	464	466	rVB3	1096114	1665997	17.27%	0.831%
27	7.697	466	469	472	rBV4	519237	1506410	15.61%	0.751%
28	7.777	474	476	477	rBV	935269	878720	9.11%	0.438%
29	7.800	477	478	480	rVB	1490821	1024182	10.61%	0.511%
30	7.880	482	485	487	rBV3	595524	1188504	12.32%	0.593%
31	7.915	487	488	490	rBV2	1441695	1587058	16.45%	0.791%
32	7.995	493	495	496	rBV	330498	446350	4.63%	0.223%
33	8.040	496	499	502	rVB4	576306	988755	10.25%	0.493%
34	8.097	502	504	507	rBV2	754383	1254796	13.00%	0.626%

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35	8.155	507	509	510	rBV2	641224	953921	9.89%	0.476%
36	8.223	514	515	516	rBV	435870	477595	4.95%	0.238%
37	8.280	516	520	523	rVV	2564805	3884790	40.26%	1.937%
38	8.338	523	525	527	rVB	2284628	2732836	28.32%	1.363%
39	8.440	532	534	536	rBV2	652828	1529580	15.85%	0.763%
40	8.486	536	538	539	rBV	930131	902459	9.35%	0.450%
41	8.509	539	540	542	rVB2	522948	711404	7.37%	0.355%
42	8.566	542	545	549	rBV4	1229784	3134007	32.48%	1.563%
43	8.635	549	551	552	rBV	626092	918792	9.52%	0.458%
44	8.669	552	554	555	rVB	654198	618838	6.41%	0.309%
45	8.703	555	557	562	rVB2	3739436	6598767	68.39%	3.291%
46	8.783	562	564	566	rBV2	537051	772229	8.00%	0.385%
47	8.829	566	568	570	rBV2	1264487	1969201	20.41%	0.982%
48	8.875	570	572	574	rBV3	459229	824302	8.54%	0.411%
49	8.909	574	575	576	rBV	528995	714643	7.41%	0.356%
50	8.966	579	580	584	rVB2	1466961	2175583	22.55%	1.085%
51	9.035	584	586	587	rVB	1034886	908207	9.41%	0.453%
52	9.069	587	589	590	rBV2	946971	1541071	15.97%	0.768%
53	9.160	596	597	599	rBV2	859116	1504026	15.59%	0.750%
54	9.195	599	600	602	rVB	1493869	1254091	13.00%	0.625%
55	9.309	608	610	612	rVB	4635106	4019572	41.66%	2.004%
56	9.355	612	614	617	rVB	4627791	6505008	67.42%	3.244%
57	9.400	617	618	619	rBV	397593	344498	3.57%	0.172%
58	9.446	619	622	624	rBV2	2028711	3400910	35.25%	1.696%
59	9.698	640	644	645	rBV4	969469	1657125	17.17%	0.826%
60	9.755	647	649	652	rVV2	5674941	9648708	100.00%	4.812%
61	9.858	656	658	661	rVB4	751899	1367960	14.18%	0.682%
62	9.915	661	663	664	rBV2	1455250	1742311	18.06%	0.869%
63	9.961	664	667	668	rVV2	2075541	2703010	28.01%	1.348%
64	10.041	668	674	676	rVV3	2886708	5261437	54.53%	2.624%
65	10.075	676	677	682	rVB5	1226584	2688443	27.86%	1.341%
66	10.201	686	688	690	rBV3	668291	1361949	14.12%	0.679%
67	10.235	690	691	695	rVV3	1304285	1640604	17.00%	0.818%
68	10.303	695	697	700	rVB2	1430953	2023875	20.98%	1.009%
69	10.361	700	702	705	rBV3	925583	1797153	18.63%	0.896%
70	10.418	705	707	709	rVV3	923677	977235	10.13%	0.487%
71	10.452	709	710	713	rVV3	792732	1214392	12.59%	0.606%

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72	10.509	713	715	716	rVV2	671327	871671	9.03%	0.435%
73	10.589	720	722	725	rBV3	1000691	1622502	16.82%	0.809%
74	10.703	729	732	733	rBV	2635313	3971909	41.17%	1.981%
75	10.841	741	744	746	rBV2	2503602	3553521	36.83%	1.772%
76	10.966	752	755	758	rVB	5812637	6869655	71.20%	3.426%
77	11.138	768	770	771	rBV2	488335	536390	5.56%	0.267%
78	11.172	771	773	777	rVB3	1108163	1327974	13.76%	0.662%
79	11.286	781	783	786	rBV4	523098	1114405	11.55%	0.556%
80	11.435	793	796	798	rVB	2786203	4136283	42.87%	2.063%
81	11.538	803	805	806	rBV	1955303	2866910	29.71%	1.430%
82	11.561	806	807	808	rVV	3783246	2702887	28.01%	1.348%
83	11.606	810	811	812	rVB	1073962	736811	7.64%	0.367%
84	11.778	824	826	829	rVB	1037809	1104820	11.45%	0.551%
85	11.995	842	845	846	rBV2	596713	978851	10.14%	0.488%
86	12.064	849	851	853	rVV	2094428	2202871	22.83%	1.099%
87	12.109	853	855	856	rVV	484604	596564	6.18%	0.297%
88	12.144	856	858	862	rVB2	937738	1674917	17.36%	0.835%
89	12.509	889	890	893	rVB2	404409	681172	7.06%	0.340%
90	12.749	909	911	913	rVB	3645129	3155898	32.71%	1.574%
91	12.852	918	920	923	rBV3	457661	1012006	10.49%	0.505%
92	12.978	928	931	934	rVB	2775300	3260078	33.79%	1.626%
93	13.081	938	940	941	rBV	637701	721210	7.47%	0.360%
94	13.127	941	944	946	rVV	4510579	5418135	56.15%	2.702%
95	13.195	948	950	954	rBV4	433728	915662	9.49%	0.457%
96	14.178	1033	1036	1038	rBV2	2428543	4115645	42.65%	2.052%
97	15.252	1128	1130	1135	rVB	1304829	2734668	28.34%	1.364%
98	15.561	1155	1157	1161	rBV2	827036	1689598	17.51%	0.843%
99	15.698	1167	1169	1170	rBV	803930	989117	10.25%	0.493%
100	16.898	1272	1274	1282	rVB	1092266	2711161	28.10%	1.352%

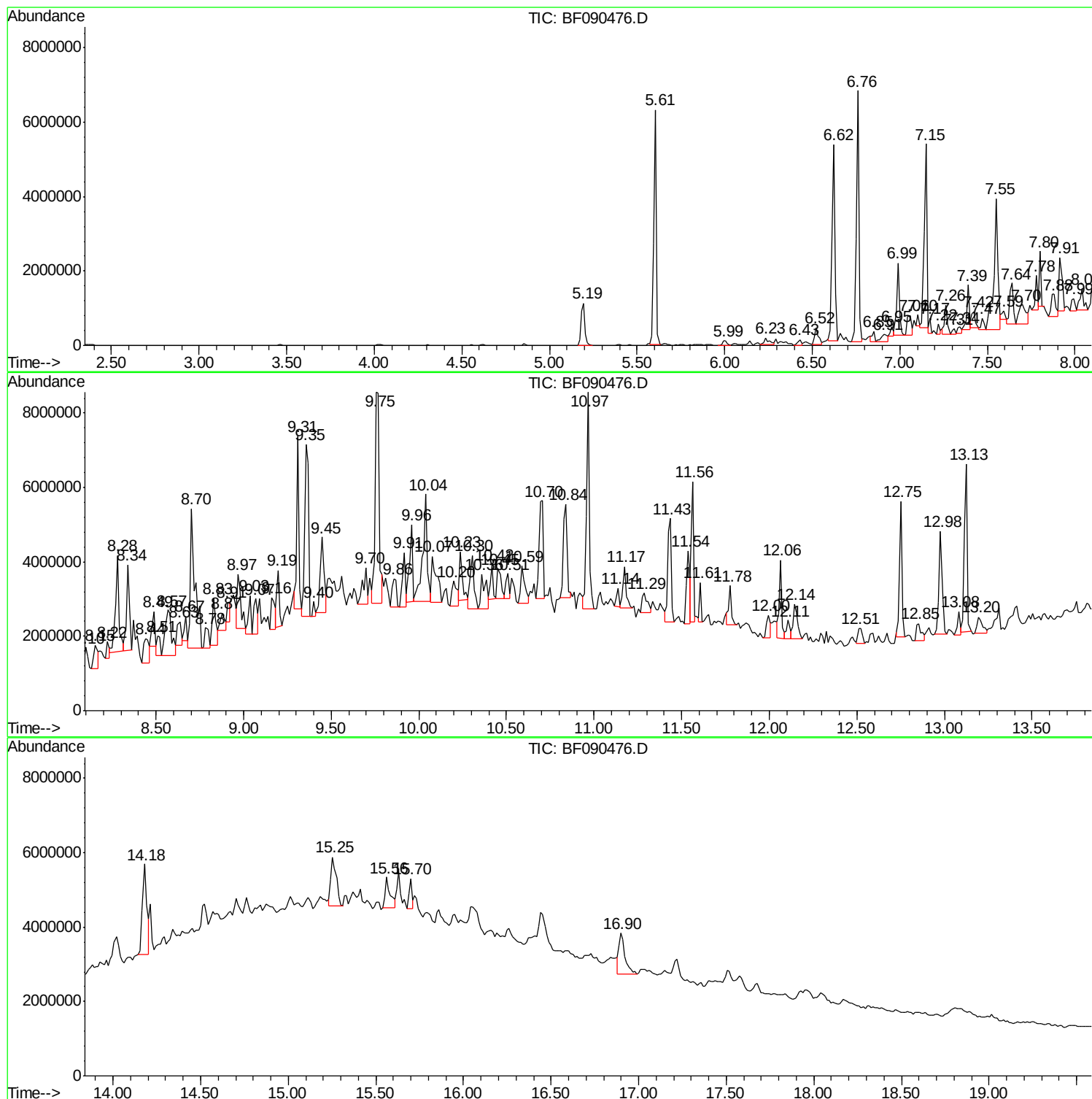
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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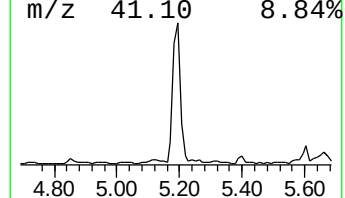
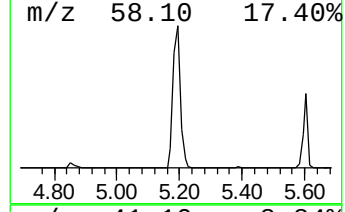
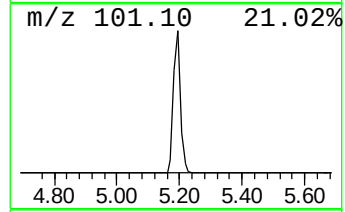
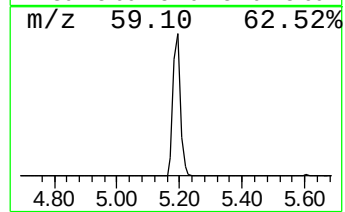
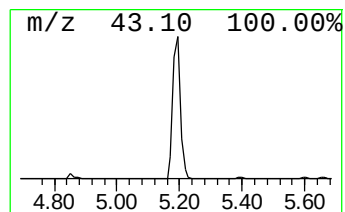
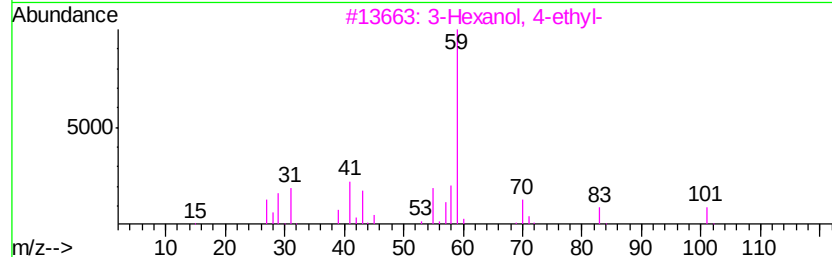
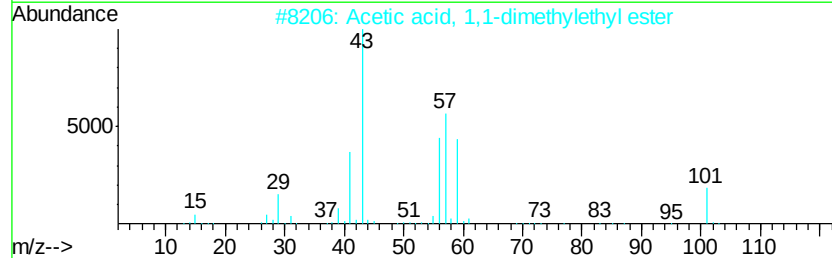
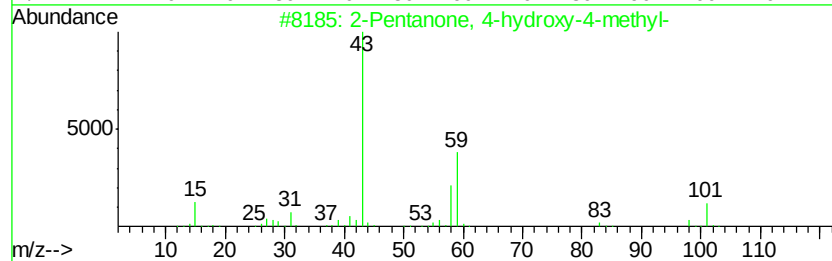
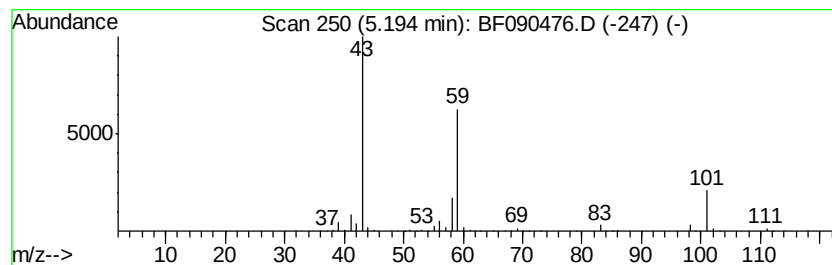
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	16.59 ng	1777850	1,4-Dichlorobenzene-d4	6.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17



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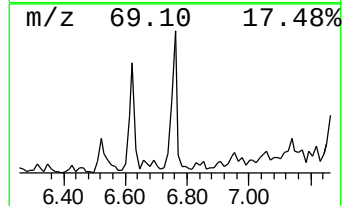
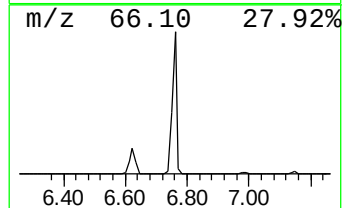
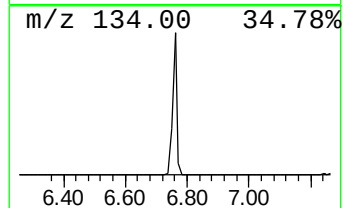
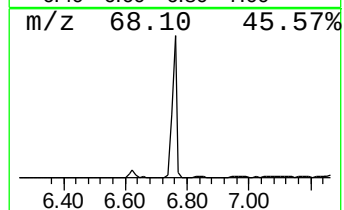
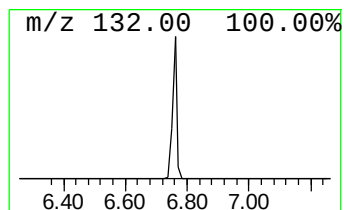
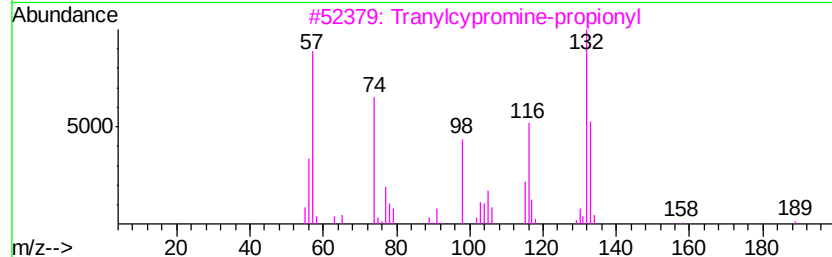
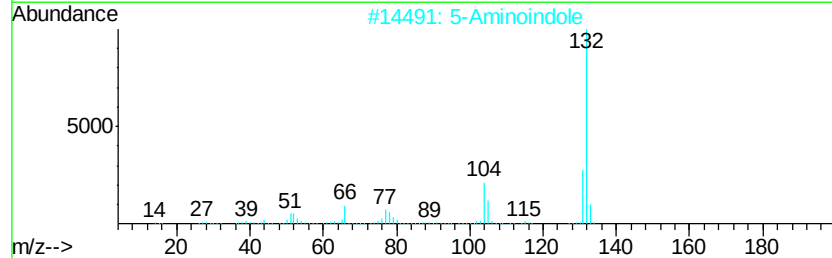
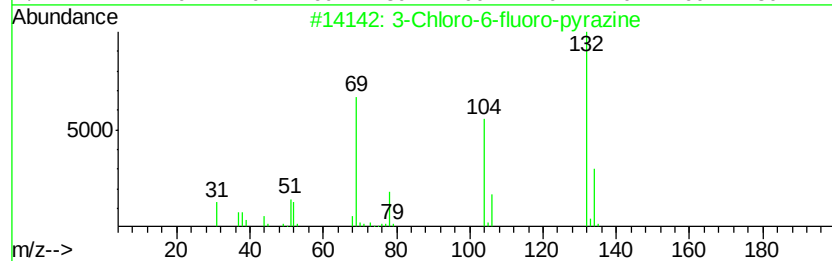
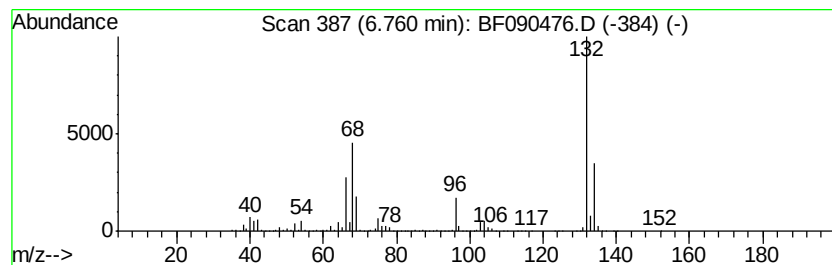
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.76 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	66.75 ng	7151390	1,4-Dichlorobenzene-d4	6.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5	Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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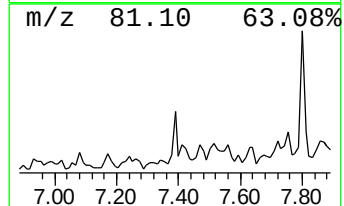
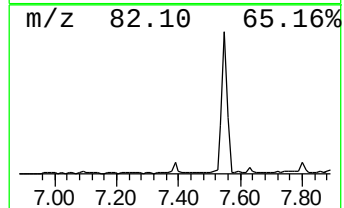
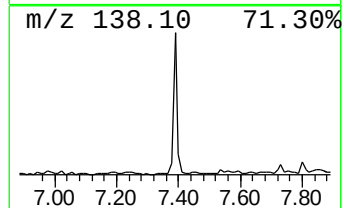
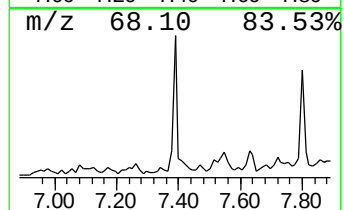
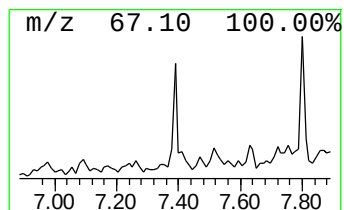
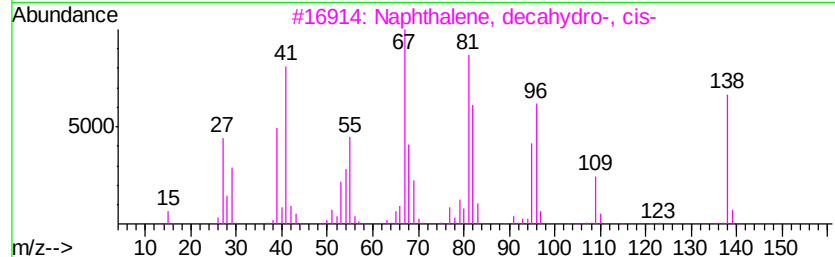
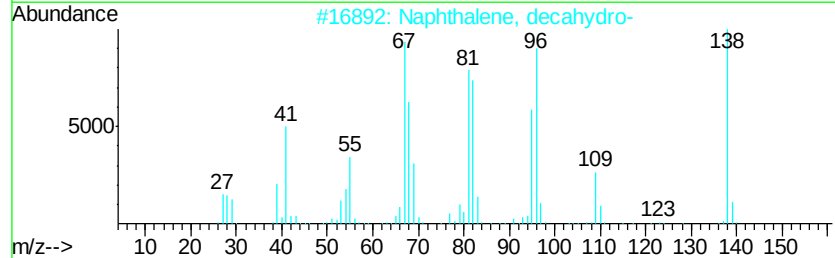
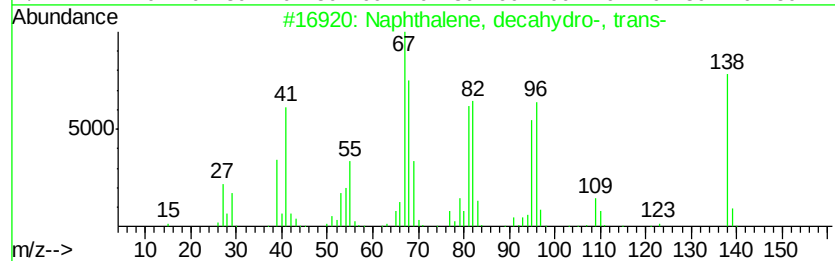
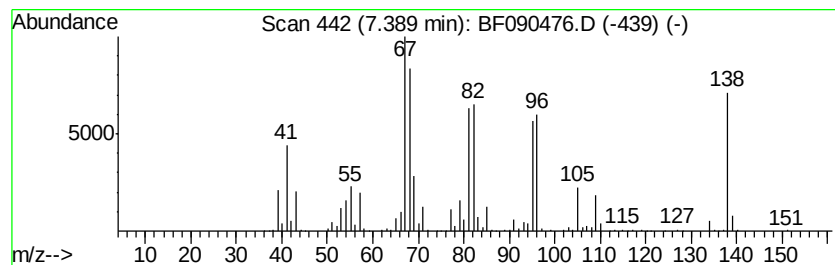
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Peak Number 4 Naphthalene, decahydro-, tr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	11.58 ng	1241020	1,4-Dichlorobenzene-d4	6.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	90
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	59
4		Spiro[4.5]decane	138	C10H18	000176-63-6	52
5		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	50



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Operator : UM/SJ
Sample : H5134-01
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MJSB-15(6.5-8.5)

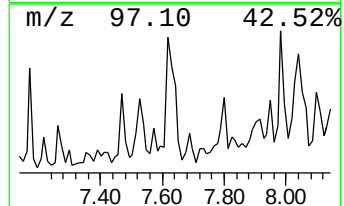
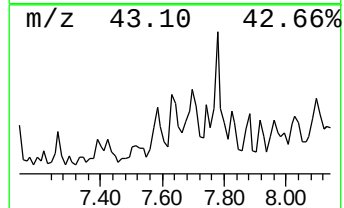
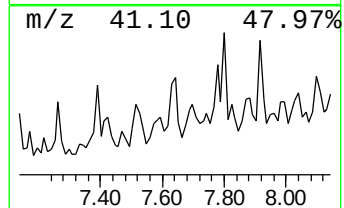
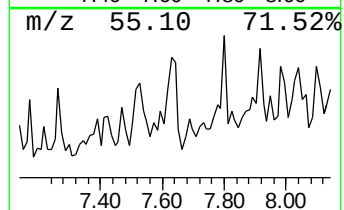
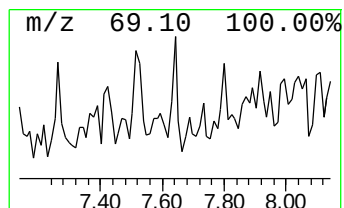
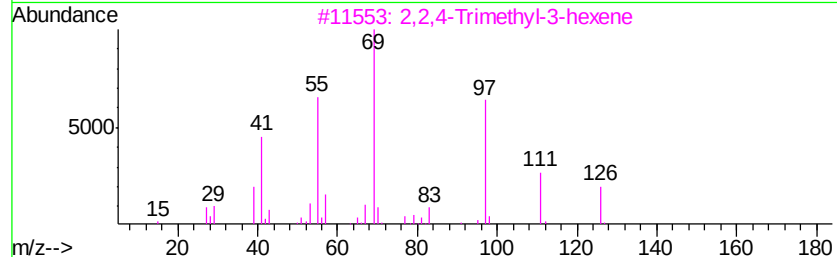
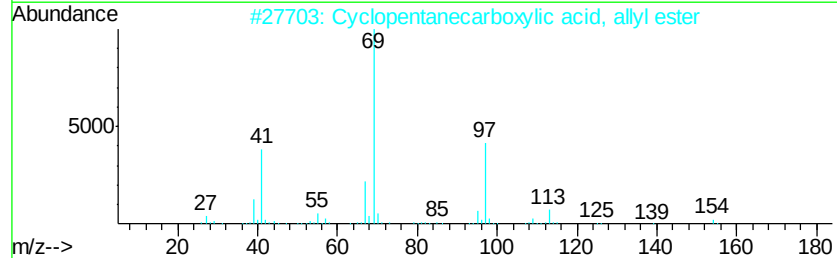
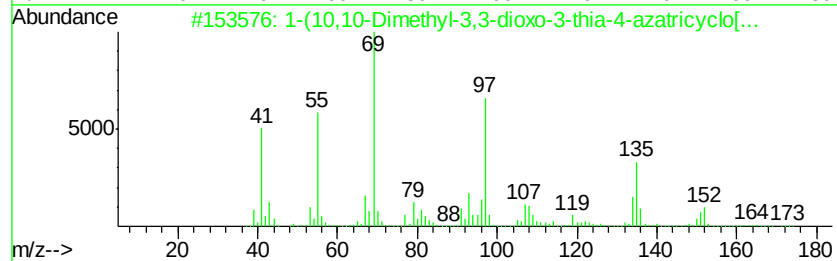
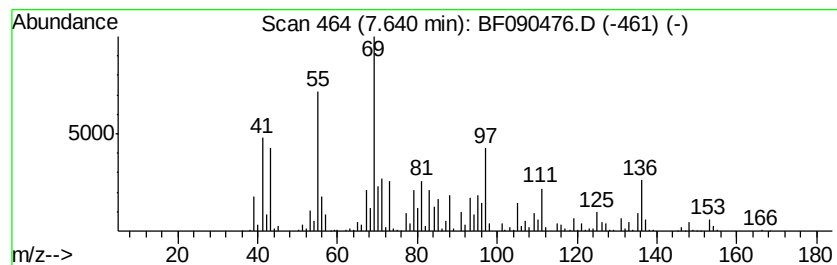
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.64 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	8.58 ng	1666000	Naphthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(10,10-Dimethyl-3,3-dioxo-3-th...	311	C16H25N03S	1000210-42-6	47
2		Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	46
3		2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	43
4		Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	42
5		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090476.D
Acq On : 8 Oct 2016 9:12
Operator : UM/SJ
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Instrument :
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ClientSampleId :
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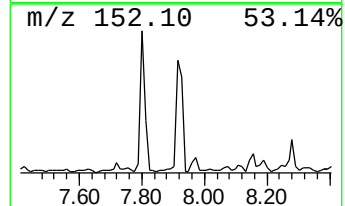
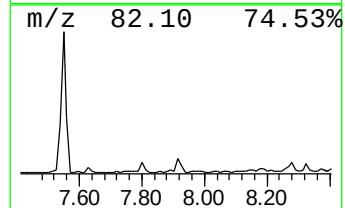
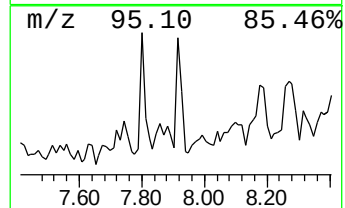
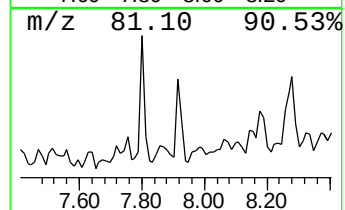
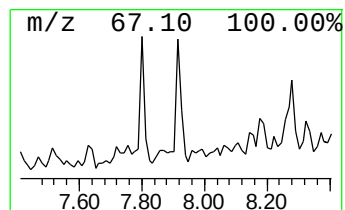
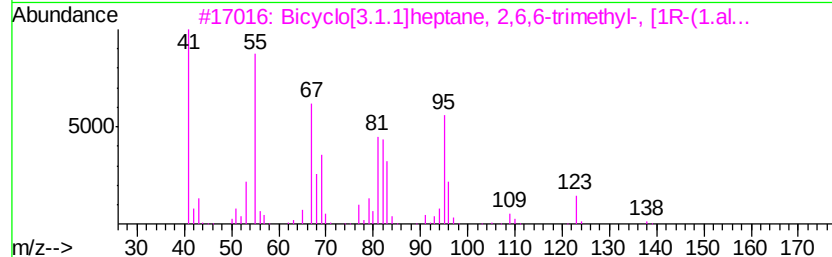
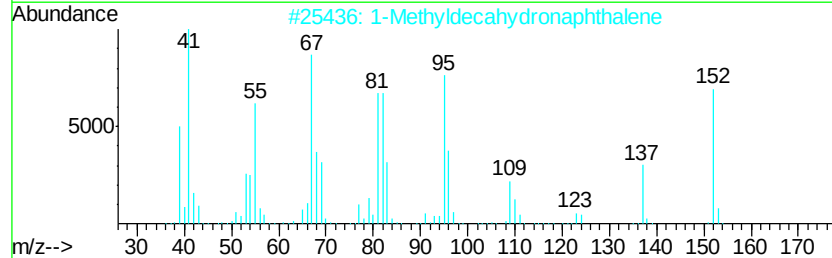
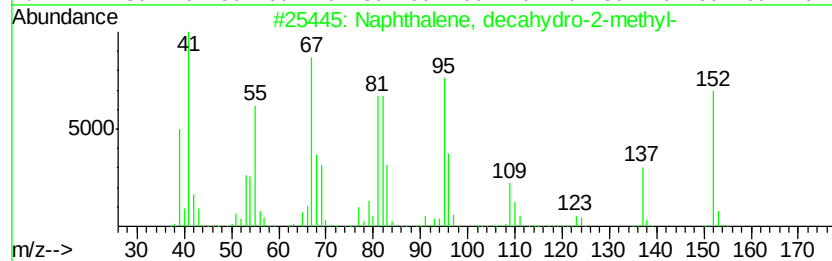
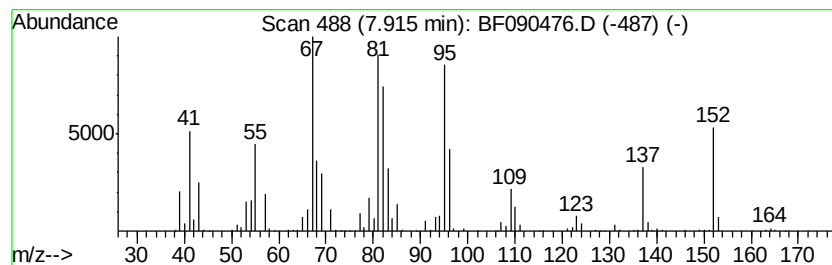
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	8.17 ng	1587060	Naphthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	96
3		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	74
4		9-Octadecyne	250	C18H34	035365-59-4	72
5		9-Eicosyne	278	C20H38	071899-38-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090476.D
Acq On : 8 Oct 2016 9:12
Operator : UM/SJ
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MJSB-15(6.5-8.5)

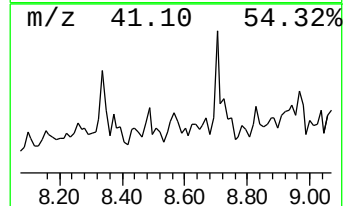
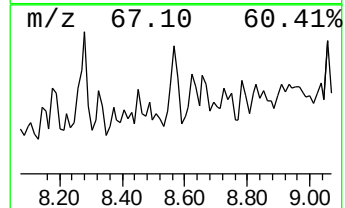
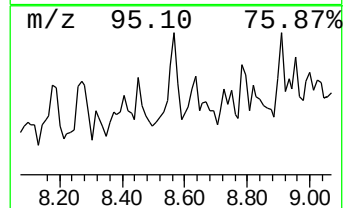
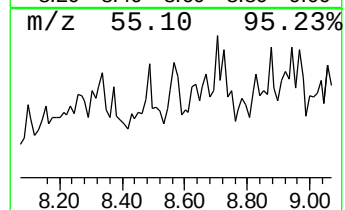
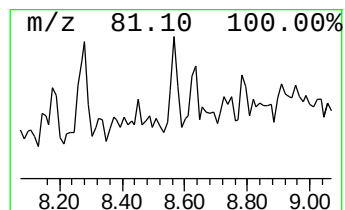
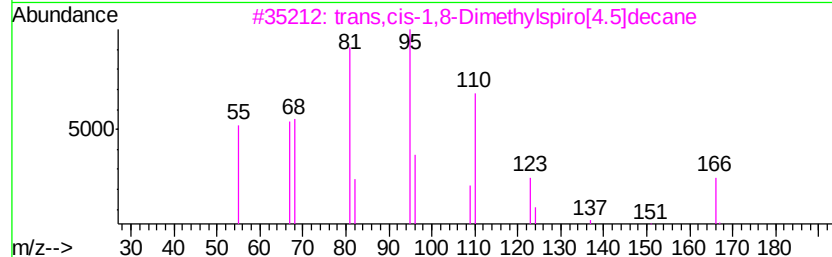
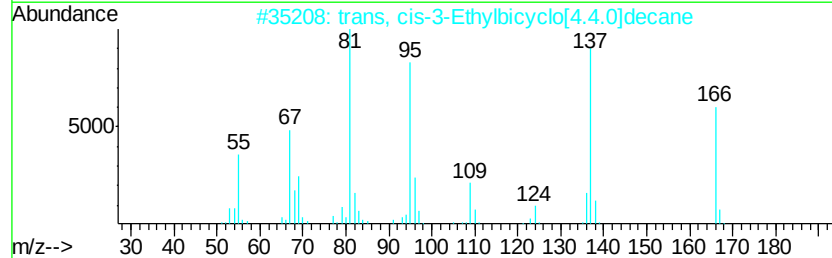
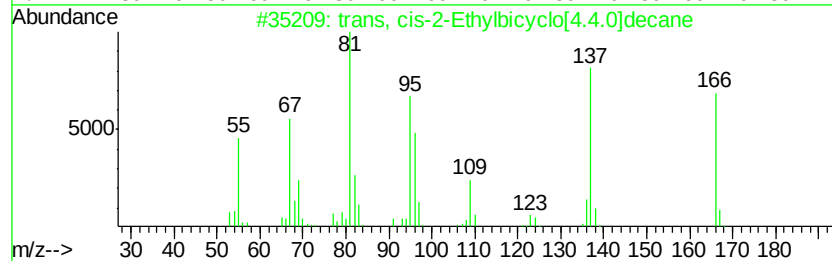
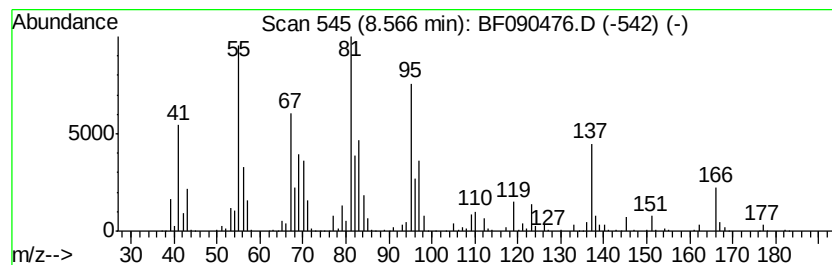
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 trans, cis-2-Ethylbicyclo[4... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	16.13 ng	3134010	Naphthalene-d8	8.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	81		
2	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	68		
3	trans, cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	58		
4	Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-31-2	53		
5	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	52		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090476.D
Acq On : 8 Oct 2016 9:12
Operator : UM/SJ
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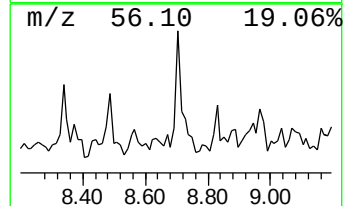
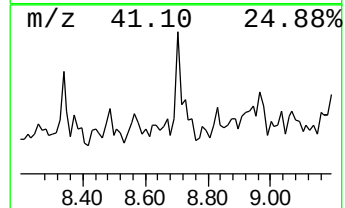
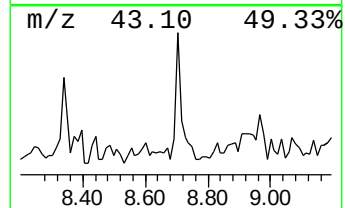
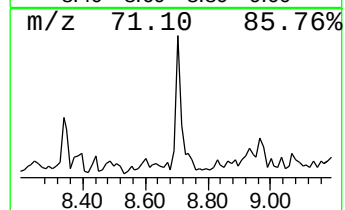
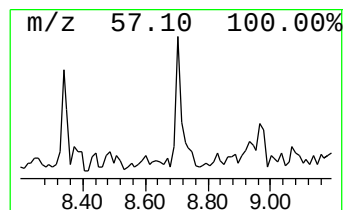
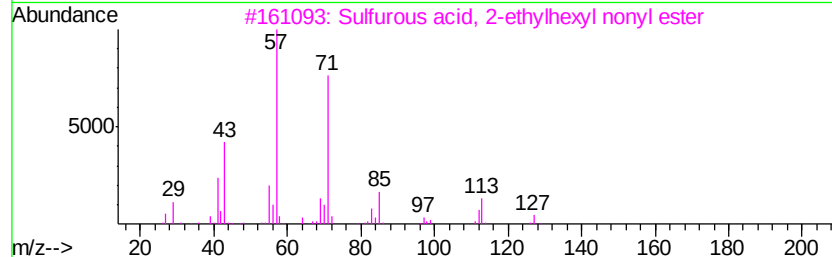
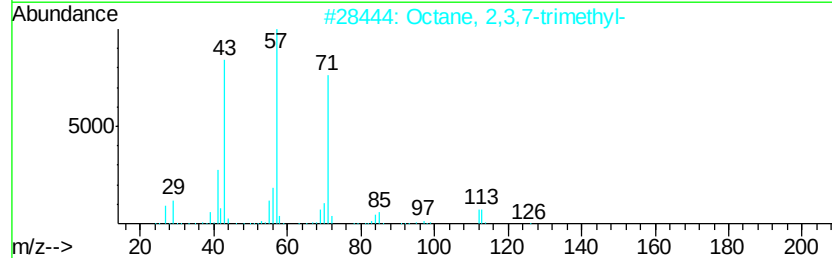
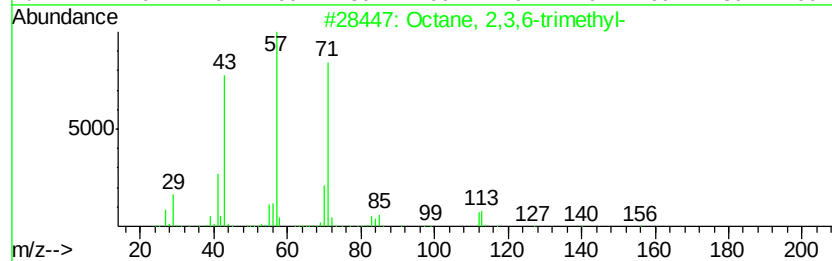
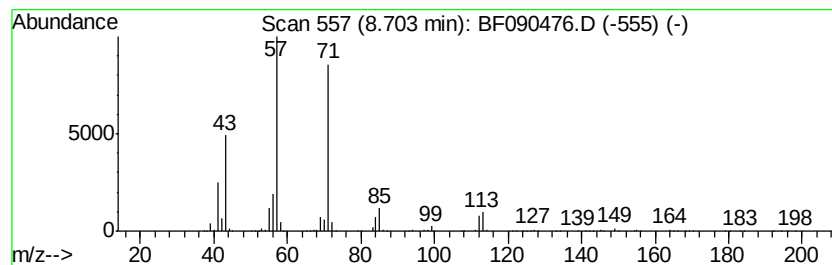
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ClientSampleId :
MJSB-15(6.5-8.5)

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 8 Octane, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	33.97 ng	6598770	Napthalene-d8	8.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 2,3,6-trimethyl-	156 C11H24	062016-33-5	78
2	Octane, 2,3,7-trimethyl-	156 C11H24	062016-34-6	74
3	Sulfurous acid, 2-ethylhexyl non...	320 C17H36O3S	1000309-19-2	72
4	Undecane, 6,6-dimethyl-	184 C13H28	017312-76-4	72
5	Oxalic acid, butyl 2-ethylhexyl ...	258 C14H26O4	1000309-38-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090476.D
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Operator : UM/SJ
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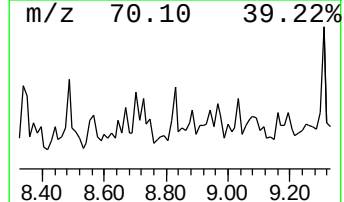
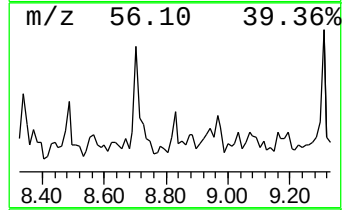
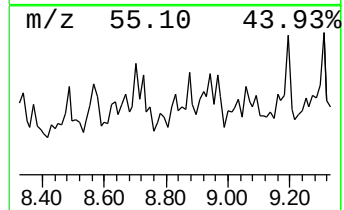
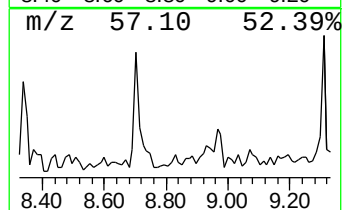
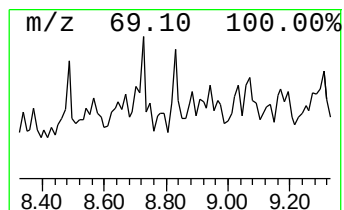
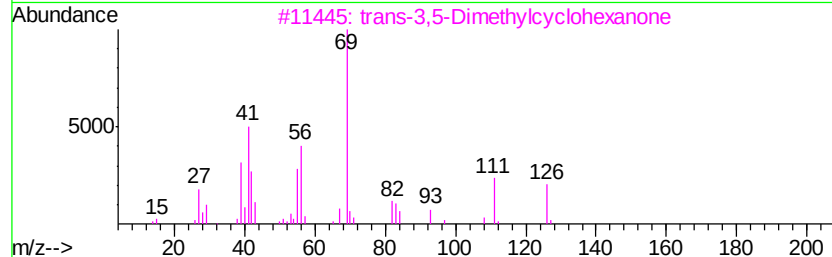
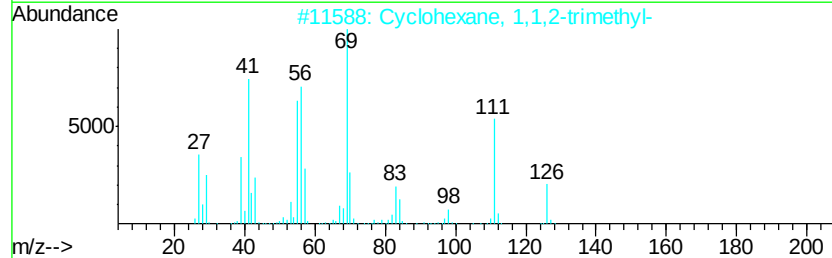
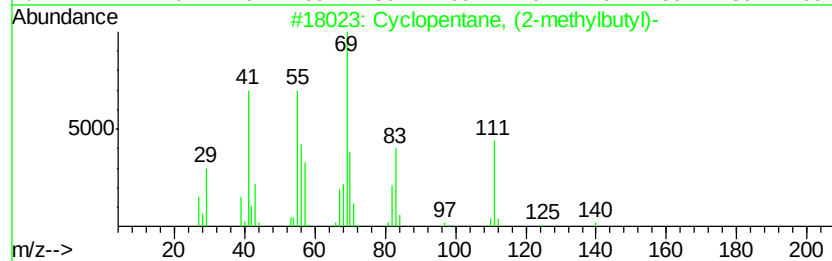
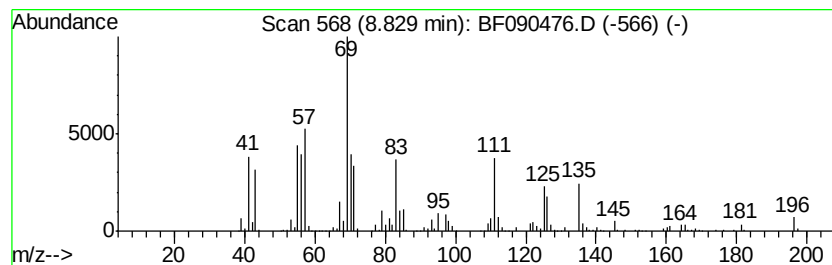
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopentane, (2-methylbutyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	10.14 ng	1969200	Naphthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	62
2		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	50
3		trans-3,5-Dimethylcyclohexanone	126	C8H14O	007214-49-5	47
4		2-Methyl-2-octene	126	C9H18	016993-86-5	47
5		11-Methyldodecanol	200	C13H28O	085763-57-1	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
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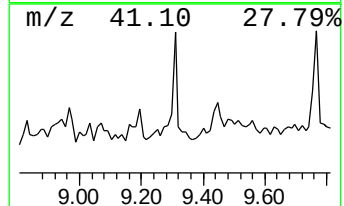
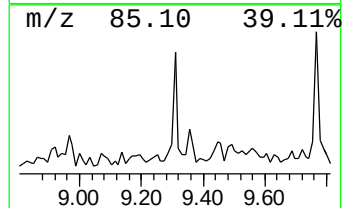
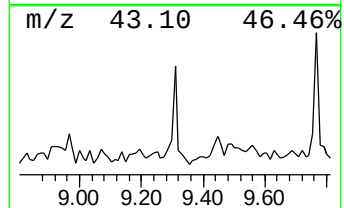
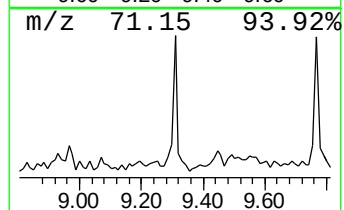
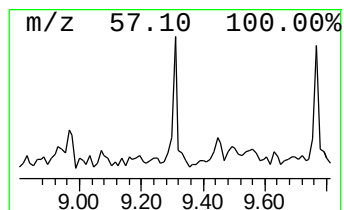
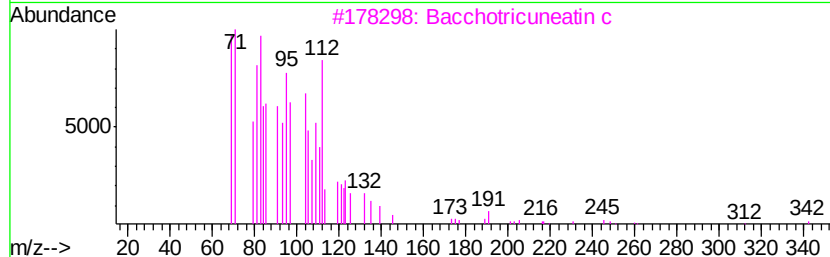
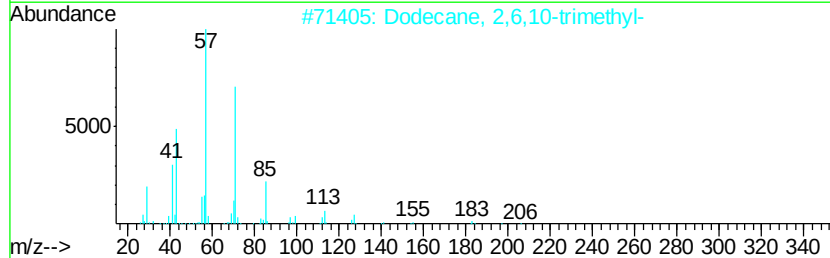
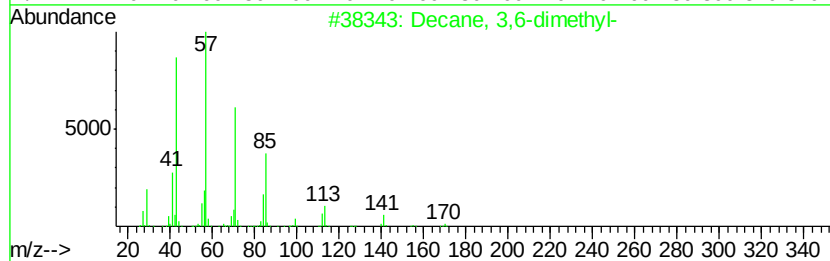
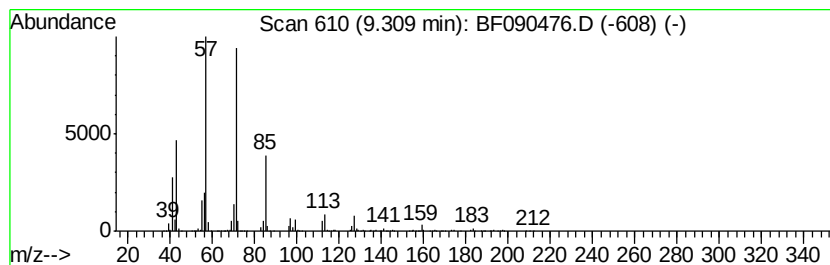
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	15.28 ng	4019570	Acenaphthene-d10	10.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
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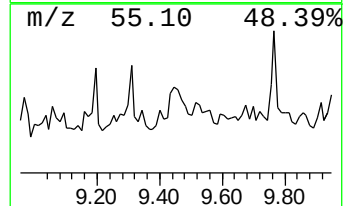
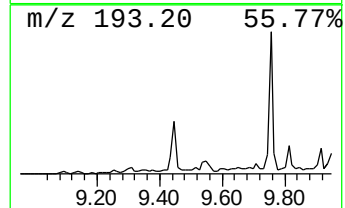
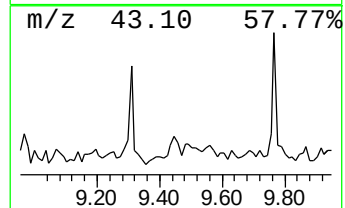
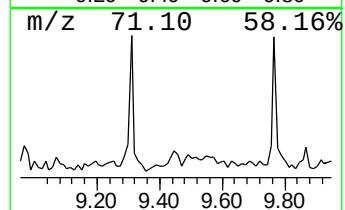
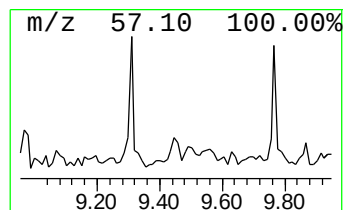
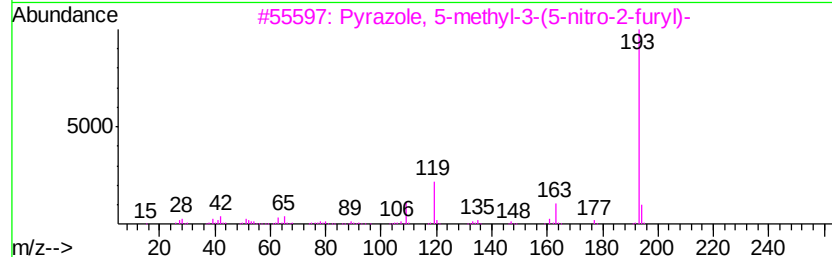
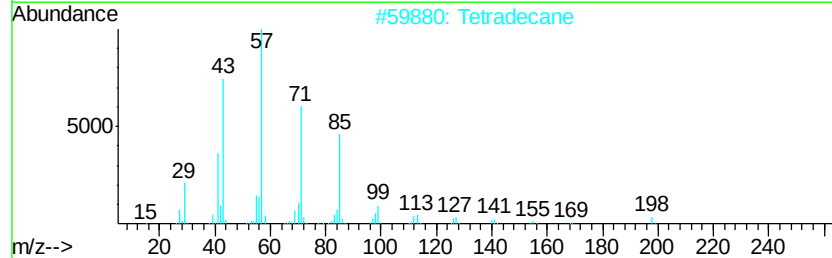
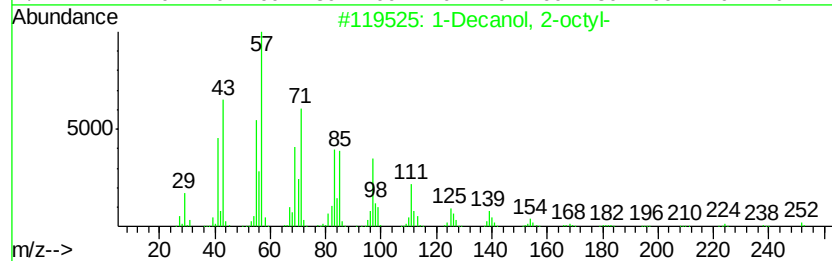
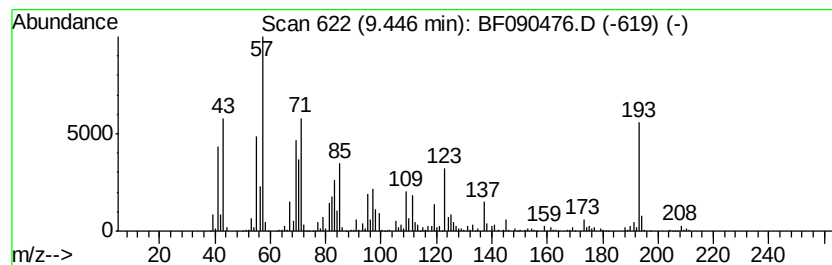
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.45 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	12.93 ng	3400910	Acenaphthene-d10	10.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	38
2		Tetradecane	198	C14H30	000629-59-4	18
3		Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	18
4		Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	18
5		Tridecane	184	C13H28	000629-50-5	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090476.D
Acq On : 8 Oct 2016 9:12
Operator : UM/SJ
Sample : H5134-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MJSB-15(6.5-8.5)

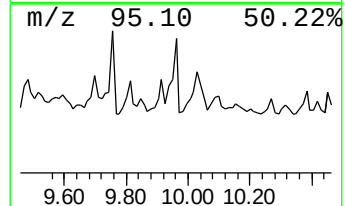
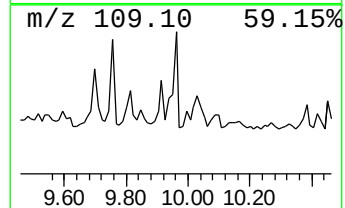
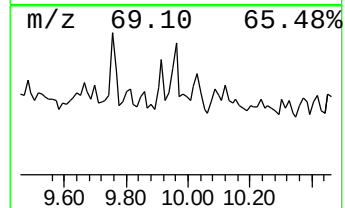
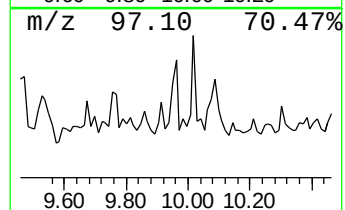
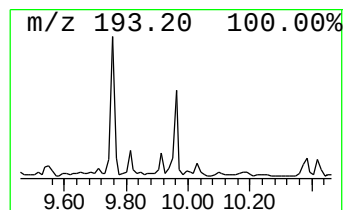
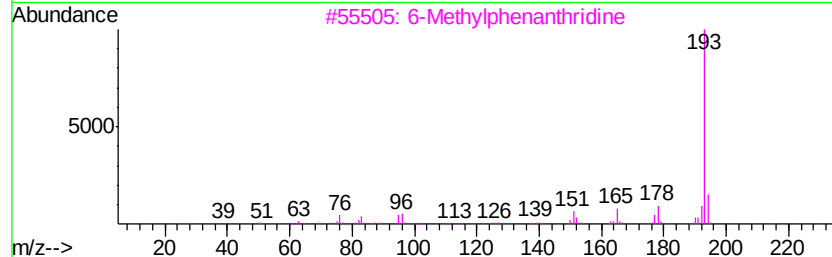
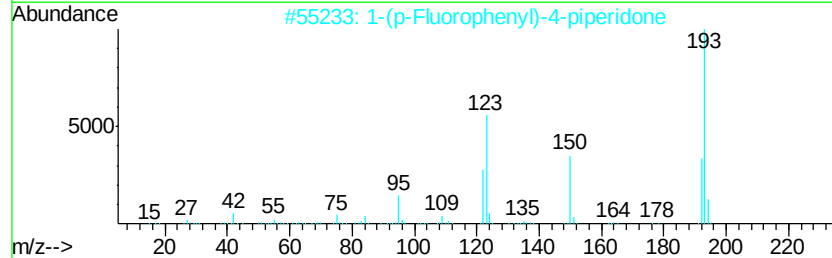
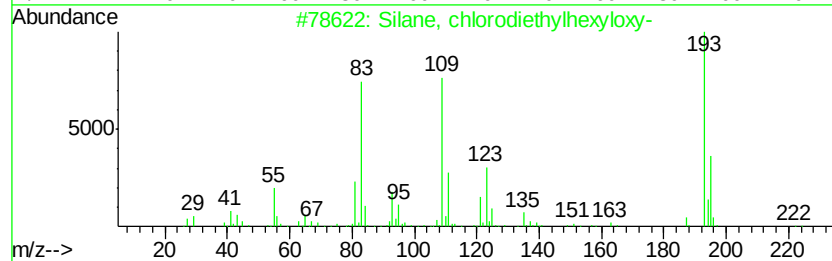
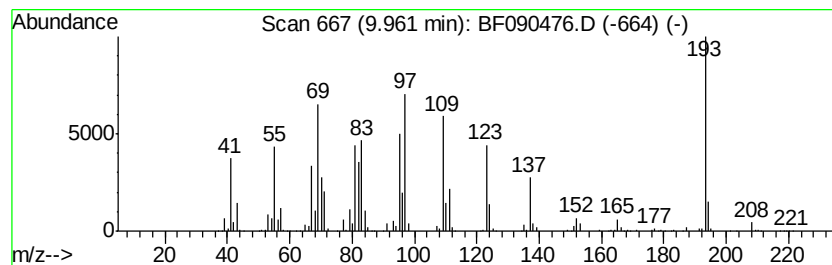
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.96 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	10.27 ng	2703010	Acenaphthene-d10	10.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	38
2			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3			6-Methylphenanthridine	193	C14H11N	003955-65-5	22
4			2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	14
5			Hexadecanedinitrile	248	C16H28N2	006812-44-8	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
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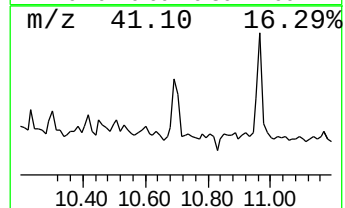
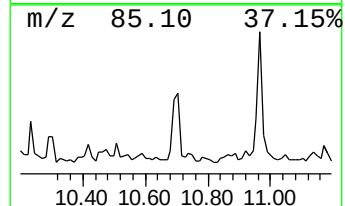
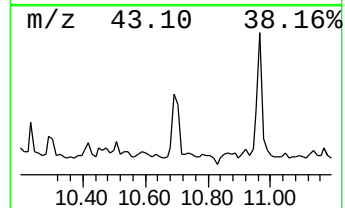
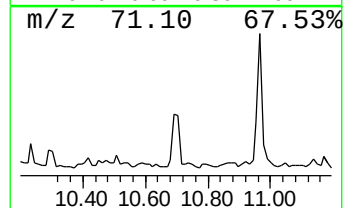
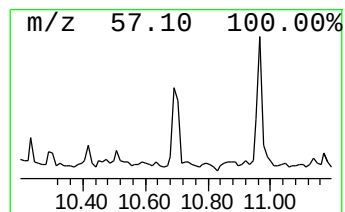
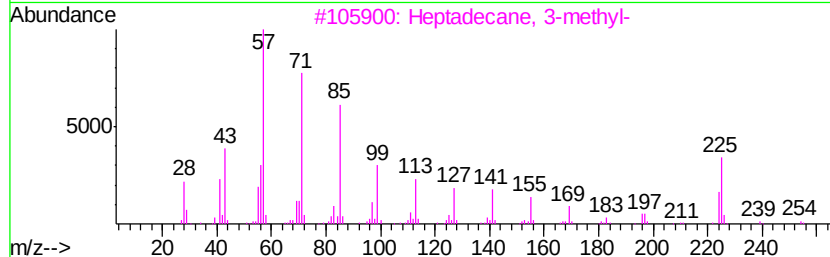
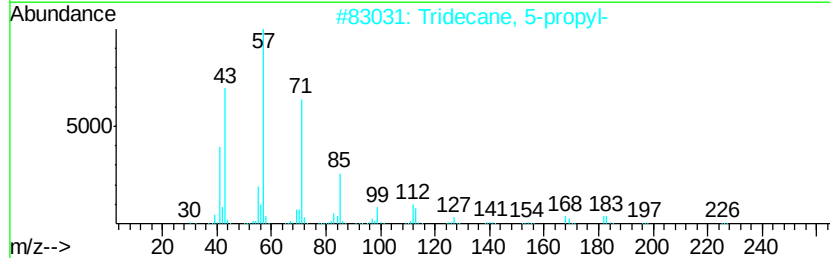
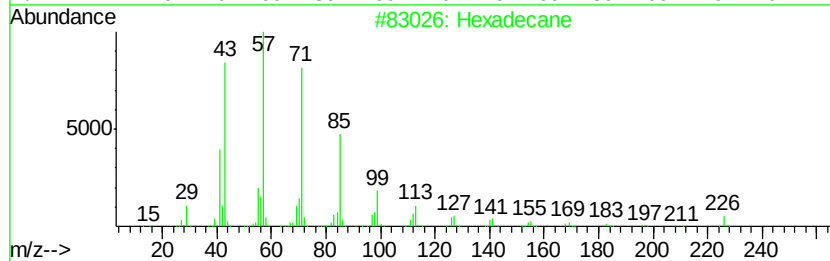
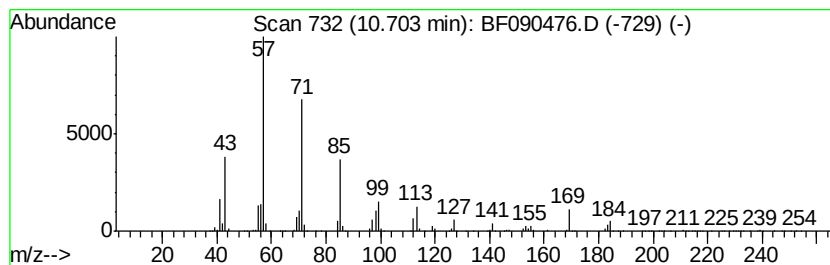
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	15.10 ng	3971910	Acenaphthene-d10	10.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	87
2	Tridecane, 5-propyl-	226 C16H34	055045-11-9	81
3	Heptadecane, 3-methyl-	254 C18H38	006418-44-6	81
4	Octacosane	394 C28H58	000630-02-4	80
5	Octadecane	254 C18H38	000593-45-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
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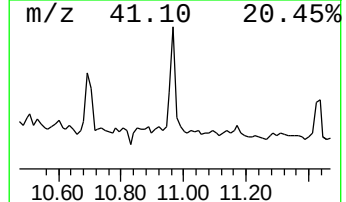
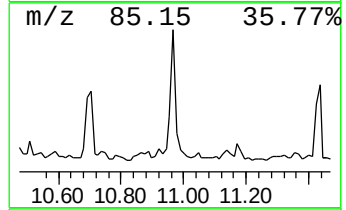
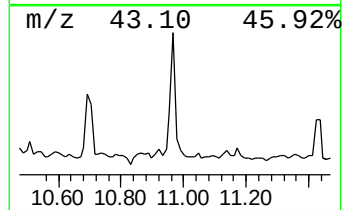
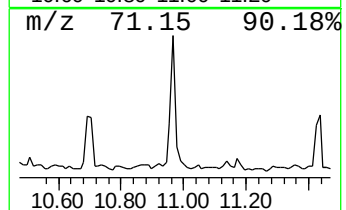
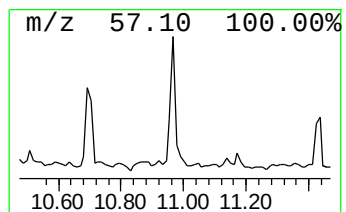
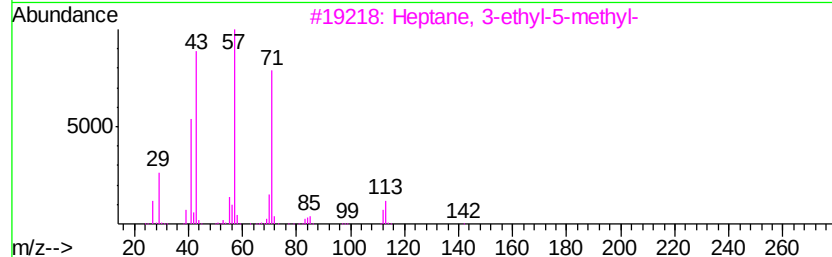
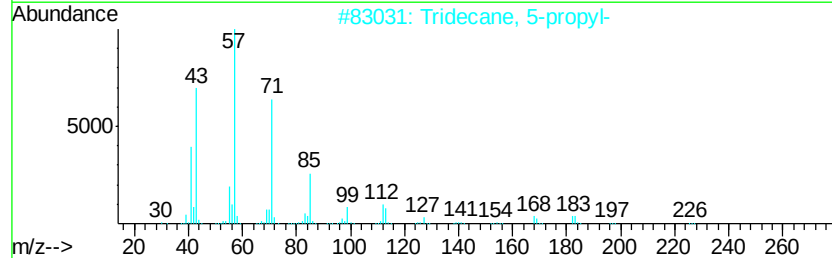
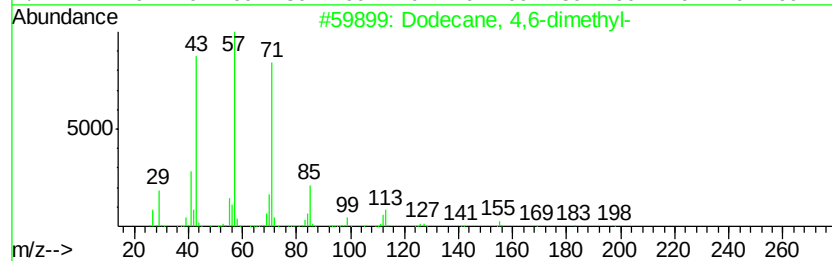
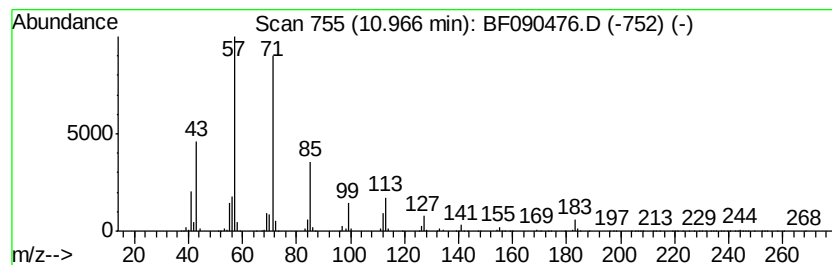
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 4,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.97	47.92 ng	6869660	Phenanthrene-d10	11.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
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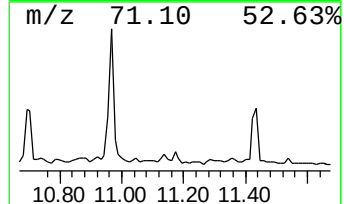
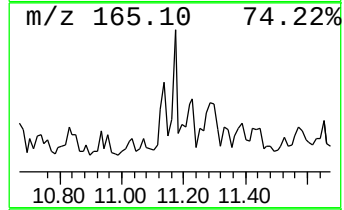
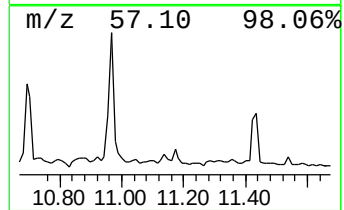
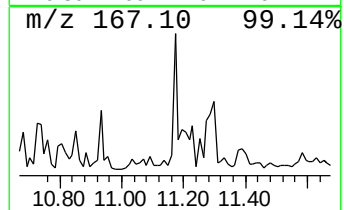
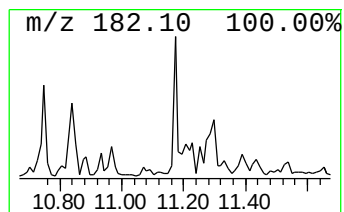
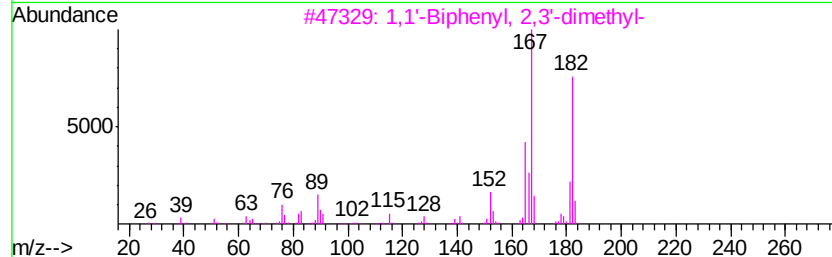
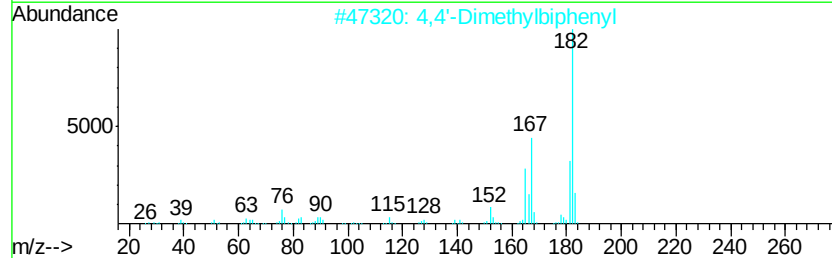
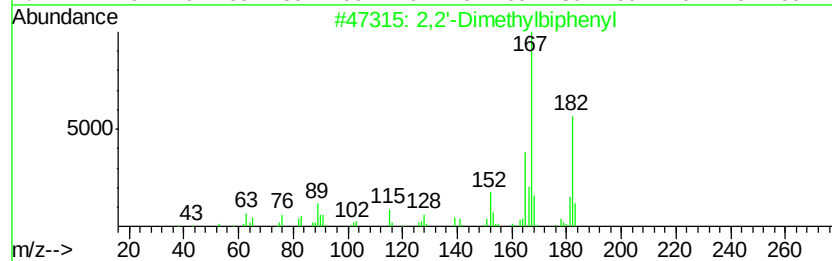
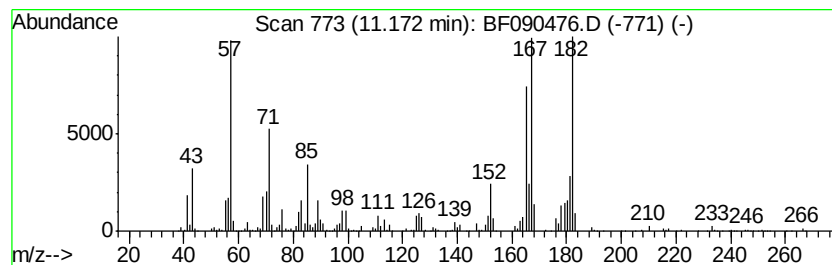
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2,2'-Dimethylbiphenyl Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.17	9.26 ng	1327970	Phenanthrene-d10	11.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	78
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
3	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	64
4	7-Phenylbicyclo[3.2.1]octa-2,6-d...	182	C14H14	1000201-01-7	55
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090476.D
Acq On : 8 Oct 2016 9:12
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Misc :
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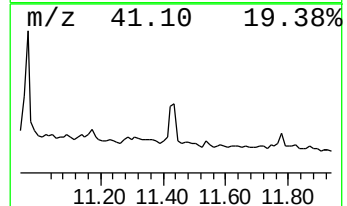
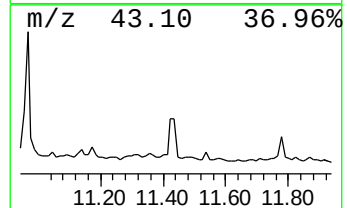
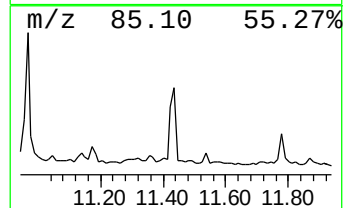
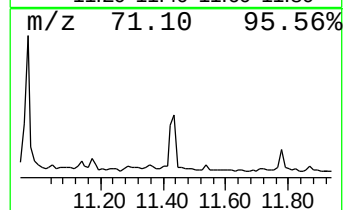
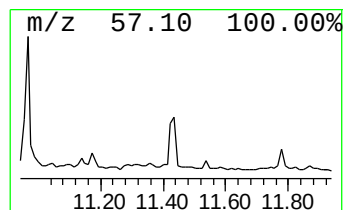
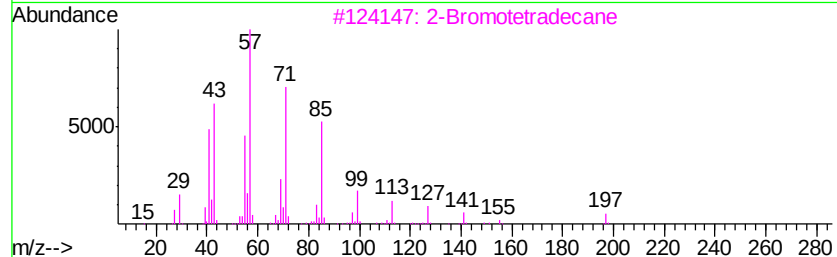
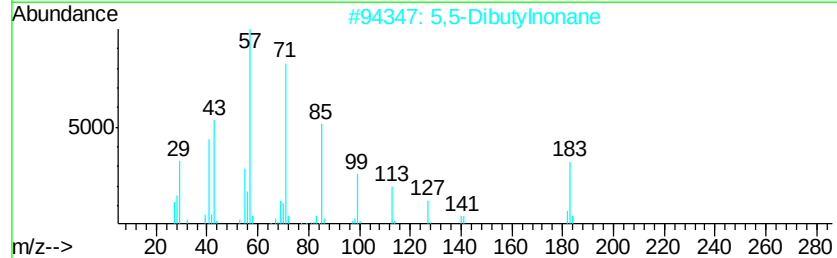
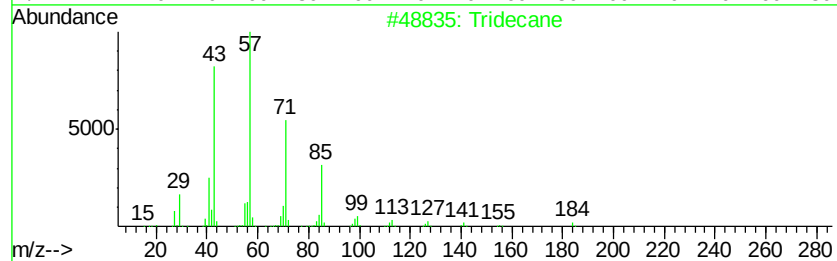
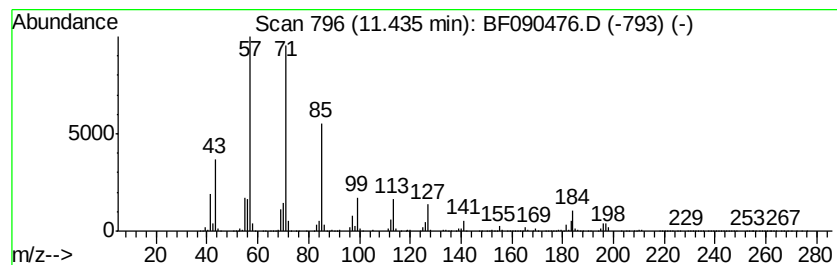
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.44	28.86 ng	4136280	Phenanthrene-d10		11.54
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	5,5-Dibutylnonane	240	C17H36	006008-17-9	80
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	80
4	Hexacosane	366	C26H54	000630-01-3	80
5	Hexadecane	226	C16H34	000544-76-3	80



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Data File : BF090476.D
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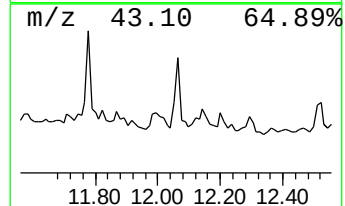
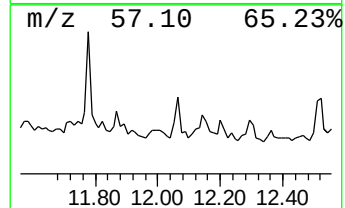
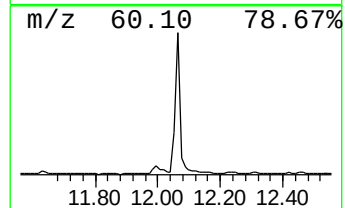
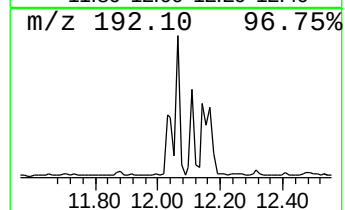
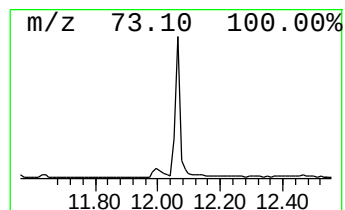
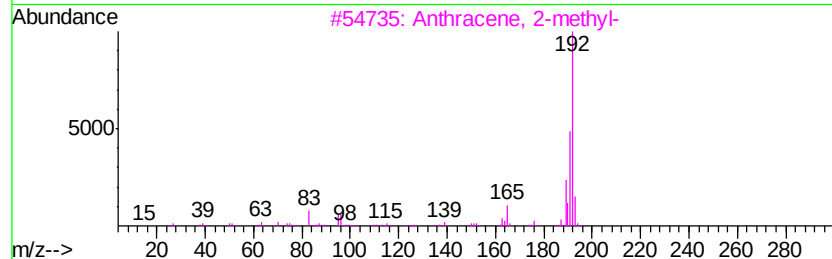
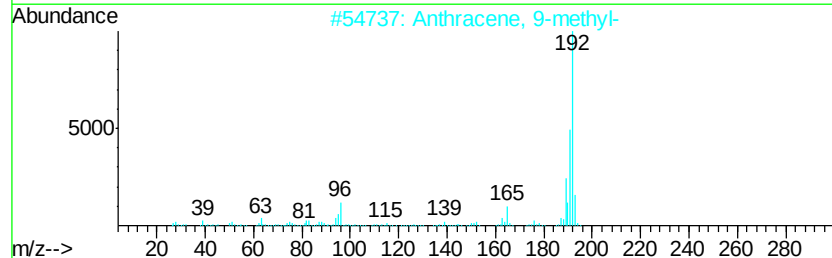
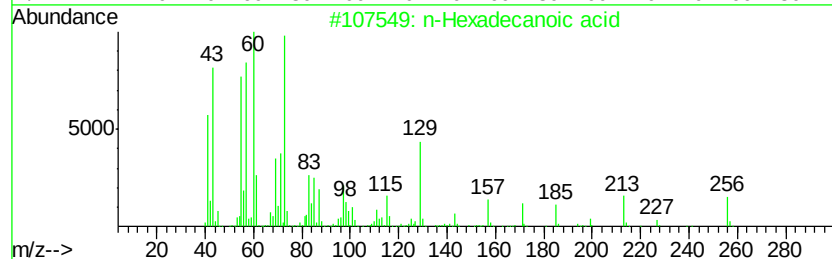
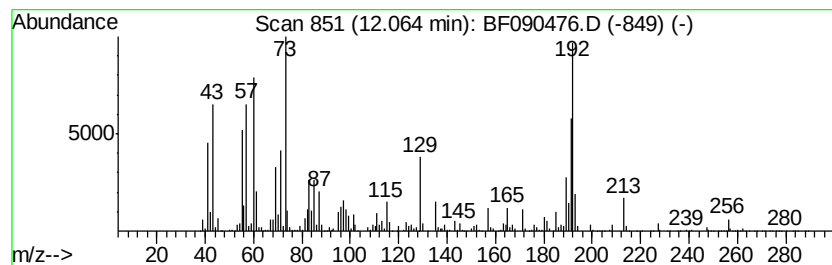
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	15.37 ng	2202870	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090476.D
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MJSB-15(6.5-8.5)

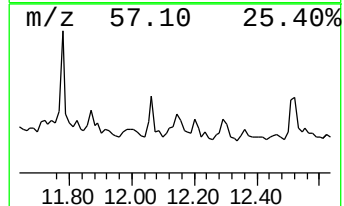
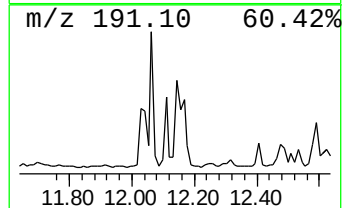
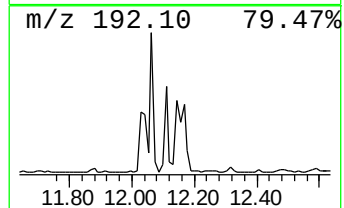
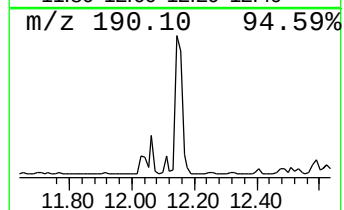
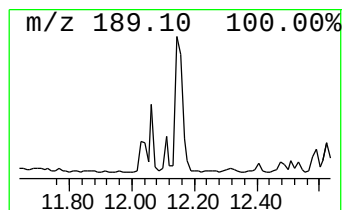
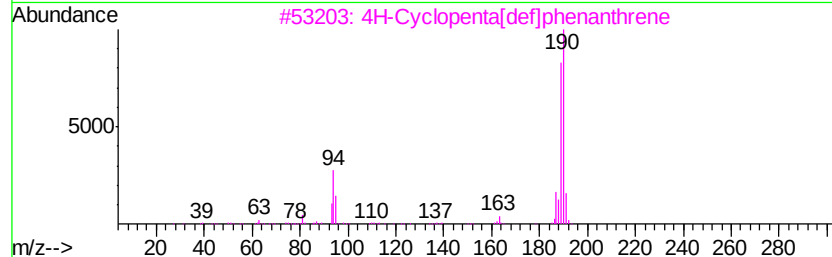
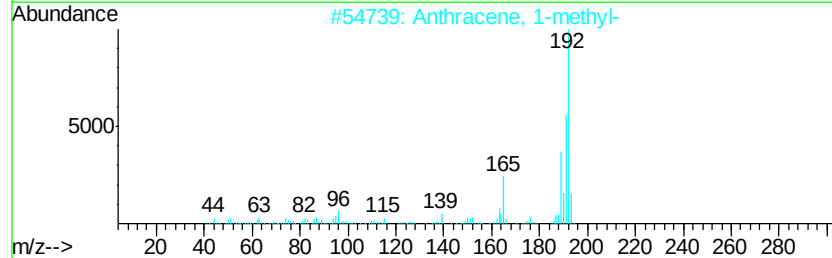
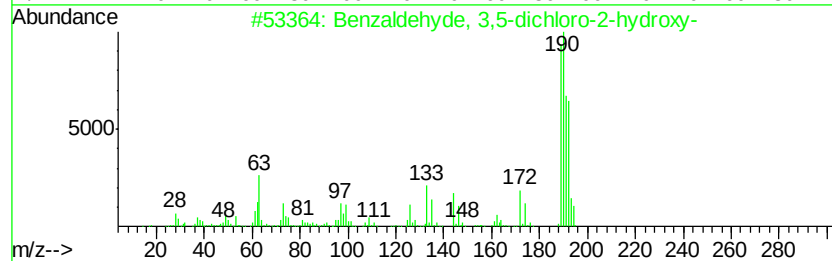
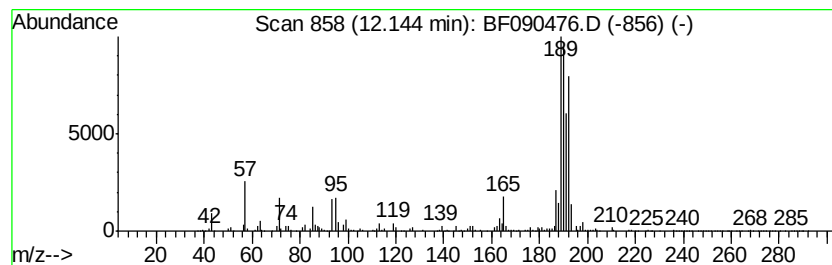
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzaldehyde, 3,5-dichloro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	11.68 ng	1674920	Phenanthrene-d10	11.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
5			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090476.D
Acq On : 8 Oct 2016 9:12
Operator : UM/SJ
Sample : H5134-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

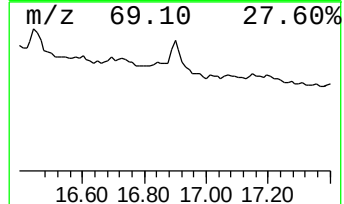
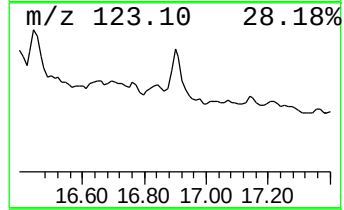
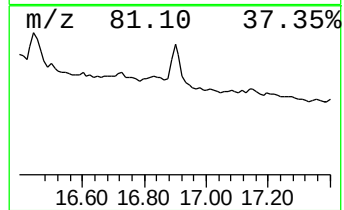
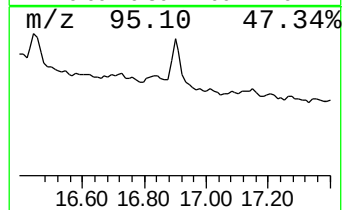
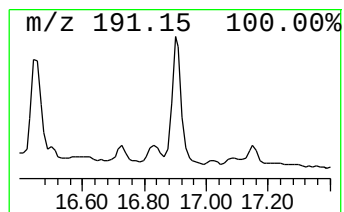
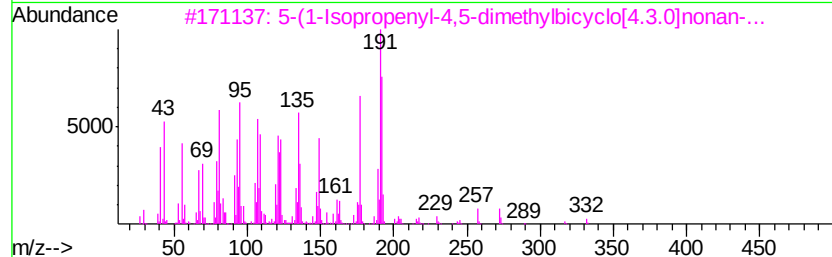
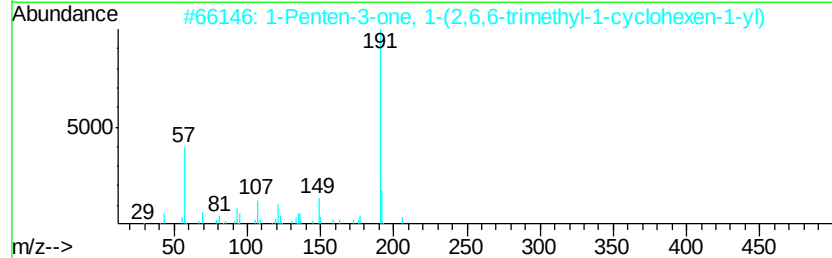
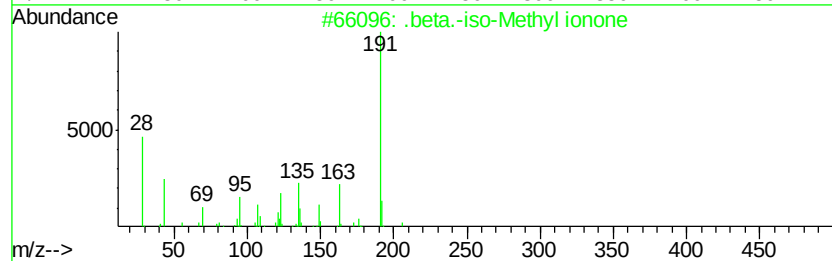
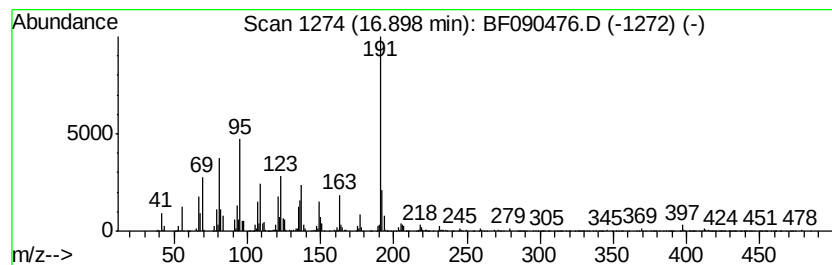
Instrument :
BNA_F
ClientSampleId :
MJSB-15(6.5-8.5)

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 20 .beta.-iso-Methyl ionone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.90	54.82 ng	2711160	Perylene-d12	15.70	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	74
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	43
3	5-(1-Isopropenyl-4,5-dimethylbic...	332	C22H36O2	1000195-69-8	37
4	2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	35
5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090476.D
 Acq On : 8 Oct 2016 9:12
 Operator : UM/SJ
 Sample : H5134-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-15(6.5-8.5)

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	16.6	ng	1777850	1	6.99	2142840	20.0
unknown6.76	6.76	66.8	ng	7151390	1	6.99	2142840	20.0
Naphthalene, deca...	7.39	11.6	ng	1241020	1	6.99	2142840	20.0
unknown7.64	7.64	8.6	ng	1666000	2	8.28	3884790	20.0
Naphthalene, deca...	7.91	8.2	ng	1587060	2	8.28	3884790	20.0
trans, cis-2-Ethy...	8.57	16.1	ng	3134010	2	8.28	3884790	20.0
Octane, 2,3,6-tri...	8.70	34.0	ng	6598770	2	8.28	3884790	20.0
Cyclopentane, (2-...	8.83	10.1	ng	1969200	2	8.28	3884790	20.0
Decane, 3,6-dimet...	9.31	15.3	ng	4019570	3	10.04	5261440	20.0
unknown9.45	9.45	12.9	ng	3400910	3	10.04	5261440	20.0
unknown9.96	9.96	10.3	ng	2703010	3	10.04	5261440	20.0
Hexadecane	10.70	15.1	ng	3971910	3	10.04	5261440	20.0
Dodecane, 4,6-dim...	10.97	47.9	ng	6869660	4	11.54	2866910	20.0
2,2'-Dimethylbiph...	11.17	9.3	ng	1327970	4	11.54	2866910	20.0
Tridecane	11.44	28.9	ng	4136280	4	11.54	2866910	20.0
n-Hexadecanoic acid	12.06	15.4	ng	2202870	4	11.54	2866910	20.0
Benzaldehyde, 3,5...	12.14	11.7	ng	1674920	4	11.54	2866910	20.0
.beta.-iso-Methyl...	16.90	54.8	ng	2711160	6	15.70	989117	20.0