

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
 Data File : BF081550.D
 Acq On : 9 Sep 2015 7:15
 Operator : UM/IZ
 Sample : G3519-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-7-8

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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	2.318	59	64	69	rVB	23641	58591	1.71%	0.068%
2	4.387	241	245	248	rBV	495611	1106470	32.23%	1.280%
3	4.444	248	250	256	rVB	43776	70612	2.06%	0.082%
4	4.673	267	270	273	rBV	131107	162514	4.73%	0.188%
5	4.890	286	289	292	rBV	1533511	1763258	51.37%	2.040%
6	5.096	304	307	317	rBV	277735	590432	17.20%	0.683%
7	5.633	351	354	362	rVB2	18195	56627	1.65%	0.066%
8	5.850	369	373	375	rBV	124163	205891	6.00%	0.238%
9	5.884	375	376	379	rVB	181101	165746	4.83%	0.192%
10	6.022	385	388	390	rBV	1680823	1832646	53.39%	2.120%
11	6.067	390	392	394	rVV2	38902	68149	1.99%	0.079%
12	6.113	394	396	399	rVB	1582431	1598404	46.56%	1.849%
13	6.193	400	403	405	rBV	587029	966259	28.15%	1.118%
14	6.227	405	406	409	rVV	346578	397398	11.58%	0.460%
15	6.284	409	411	413	rVV	460883	404636	11.79%	0.468%
16	6.364	415	418	421	rBV2	1587663	2630085	76.62%	3.043%
17	6.502	428	430	435	rVB	1326672	1464751	42.67%	1.695%
18	6.616	438	440	443	rBV	246469	364084	10.61%	0.421%
19	6.684	445	446	448	rBV	161133	168741	4.92%	0.195%
20	6.742	448	451	452	rVB2	64250	89580	2.61%	0.104%
21	6.776	452	454	456	rVB	77214	97938	2.85%	0.113%
22	6.856	456	461	462	rBV	127926	224162	6.53%	0.259%
23	6.924	464	467	471	rVB2	950995	1272436	37.07%	1.472%
24	6.993	471	473	475	rBV2	301301	515813	15.03%	0.597%
25	7.039	475	477	479	rVB2	132769	212689	6.20%	0.246%
26	7.096	480	482	484	rVB3	65884	66322	1.93%	0.077%
27	7.142	484	486	487	rBV2	56558	76576	2.23%	0.089%
28	7.165	487	488	490	rVB2	214686	236981	6.90%	0.274%
29	7.222	490	493	496	rBV2	906257	1164479	33.92%	1.347%
30	7.279	496	498	500	rVB	275910	364973	10.63%	0.422%
31	7.313	500	501	503	rVB2	73058	83652	2.44%	0.097%
32	7.359	503	505	506	rBV	175531	232468	6.77%	0.269%
33	7.393	506	508	510	rBV2	245381	345067	10.05%	0.399%
34	7.427	510	511	514	rBV3	149147	240322	7.00%	0.278%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.553	519	522	523	rBV3	87538	194811	5.68%	0.225%
36	7.587	523	525	527	rBV3	149501	278909	8.12%	0.323%
37	7.633	527	529	532	rVB2	410213	678838	19.78%	0.785%
38	7.679	532	533	537	rVB4	77755	81566	2.38%	0.094%
39	7.736	537	538	540	rBV	733804	714113	20.80%	0.826%
40	7.782	540	542	545	rVB4	80037	140430	4.09%	0.162%
41	7.873	545	550	552	rBV	987467	1134908	33.06%	1.313%
42	7.930	552	555	558	rVB2	1077511	1297585	37.80%	1.501%
43	7.987	558	560	561	rVB	200024	240645	7.01%	0.278%
44	8.022	561	563	564	rBV	187347	267189	7.78%	0.309%
45	8.056	564	566	567	rVB2	108071	139392	4.06%	0.161%
46	8.102	567	570	572	rBV	1602190	1735674	50.56%	2.008%
47	8.147	572	574	575	rVB2	129898	173483	5.05%	0.201%
48	8.193	576	578	580	rBV2	142691	201071	5.86%	0.233%
49	8.273	580	585	586	rBV5	233435	616267	17.95%	0.713%
50	8.365	589	593	594	rVB3	440268	823052	23.98%	0.952%
51	8.399	594	596	597	rBV2	50494	73381	2.14%	0.085%
52	8.433	597	599	601	rBV2	376298	495860	14.45%	0.574%
53	8.467	601	602	606	rVB4	364324	425706	12.40%	0.493%
54	8.570	606	611	612	rBV4	625687	1481582	43.16%	1.714%
55	8.593	612	613	615	rVB2	179680	244438	7.12%	0.283%
56	8.627	615	616	619	rBV2	325547	541146	15.76%	0.626%
57	8.696	621	622	623	rBV	1533844	1350650	39.35%	1.563%
58	8.719	623	624	627	rVB	1033659	1389539	40.48%	1.608%
59	8.788	628	630	633	rBV2	418998	961946	28.02%	1.113%
60	8.845	633	635	636	rBV	658053	784793	22.86%	0.908%
61	8.982	645	647	648	rBV2	232722	395264	11.51%	0.457%
62	9.028	649	651	652	rVV2	353038	421435	12.28%	0.488%
63	9.096	654	657	659	rVV3	1135867	1707827	49.75%	1.976%
64	9.153	659	662	666	rVB3	2107563	3432740	100.00%	3.972%
65	9.256	668	671	672	rBV2	904250	1152997	33.59%	1.334%
66	9.302	672	675	676	rBV2	1380182	1472657	42.90%	1.704%
67	9.336	676	678	679	rBV	343001	363175	10.58%	0.420%
68	9.393	679	683	684	rBV3	757181	1812384	52.80%	2.097%
69	9.599	699	701	702	rBV2	337103	433777	12.64%	0.502%
70	9.622	702	703	706	rVB3	574979	789568	23.00%	0.914%
71	9.679	706	708	710	rBV	934258	1354129	39.45%	1.567%

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72	9.713	710	711	714	rVV2	692266	1105765	32.21%	1.279%
73	9.793	717	718	721	rVB3	1090989	1681563	48.99%	1.946%
74	9.965	731	733	735	rBV2	403151	456306	13.29%	0.528%
75	10.091	741	744	747	rBV	1278867	1805428	52.59%	2.089%
76	10.182	750	752	754	rBV2	867362	1289416	37.56%	1.492%
77	10.319	762	764	765	rBV	505027	489364	14.26%	0.566%
78	10.365	765	768	769	rBV	1301919	1927099	56.14%	2.230%
79	12.319	937	939	941	rVB	1001681	1229435	35.81%	1.422%
80	12.468	950	952	955	rVB3	905721	1569094	45.71%	1.815%
81	12.559	958	960	963	rVV2	885878	1473325	42.92%	1.705%
82	12.651	966	968	970	rVB	1345602	2083966	60.71%	2.411%
83	12.856	982	986	991	rVB3	1500388	3163472	92.16%	3.660%
84	12.937	991	993	996	rBV3	908550	914859	26.65%	1.058%
85	13.051	1000	1003	1005	rBV2	1094881	1894894	55.20%	2.192%
86	13.154	1010	1012	1014	rVV2	1212748	1372596	39.99%	1.588%
87	13.199	1014	1016	1019	rVB3	599776	964962	28.11%	1.116%
88	13.325	1025	1027	1029	rVB2	604207	690655	20.12%	0.799%
89	13.371	1029	1031	1033	rBV2	827905	1059962	30.88%	1.226%
90	13.485	1039	1041	1043	rBV2	898036	1607015	46.81%	1.859%
91	13.554	1045	1047	1049	rVB2	1503501	1880017	54.77%	2.175%
92	13.748	1062	1064	1066	rVB	556564	702806	20.47%	0.813%
93	13.794	1066	1068	1070	rVB2	527625	599529	17.47%	0.694%
94	13.839	1070	1072	1073	rBV	550014	626069	18.24%	0.724%
95	14.480	1126	1128	1131	rVB	754428	1323525	38.56%	1.531%
96	14.708	1146	1148	1150	rVB	528809	682994	19.90%	0.790%
97	14.754	1150	1152	1155	rBV	746187	1088072	31.70%	1.259%
98	15.314	1199	1201	1208	rVB2	770826	1819923	53.02%	2.106%
99	15.634	1226	1229	1237	rVB	866921	1828166	53.26%	2.115%

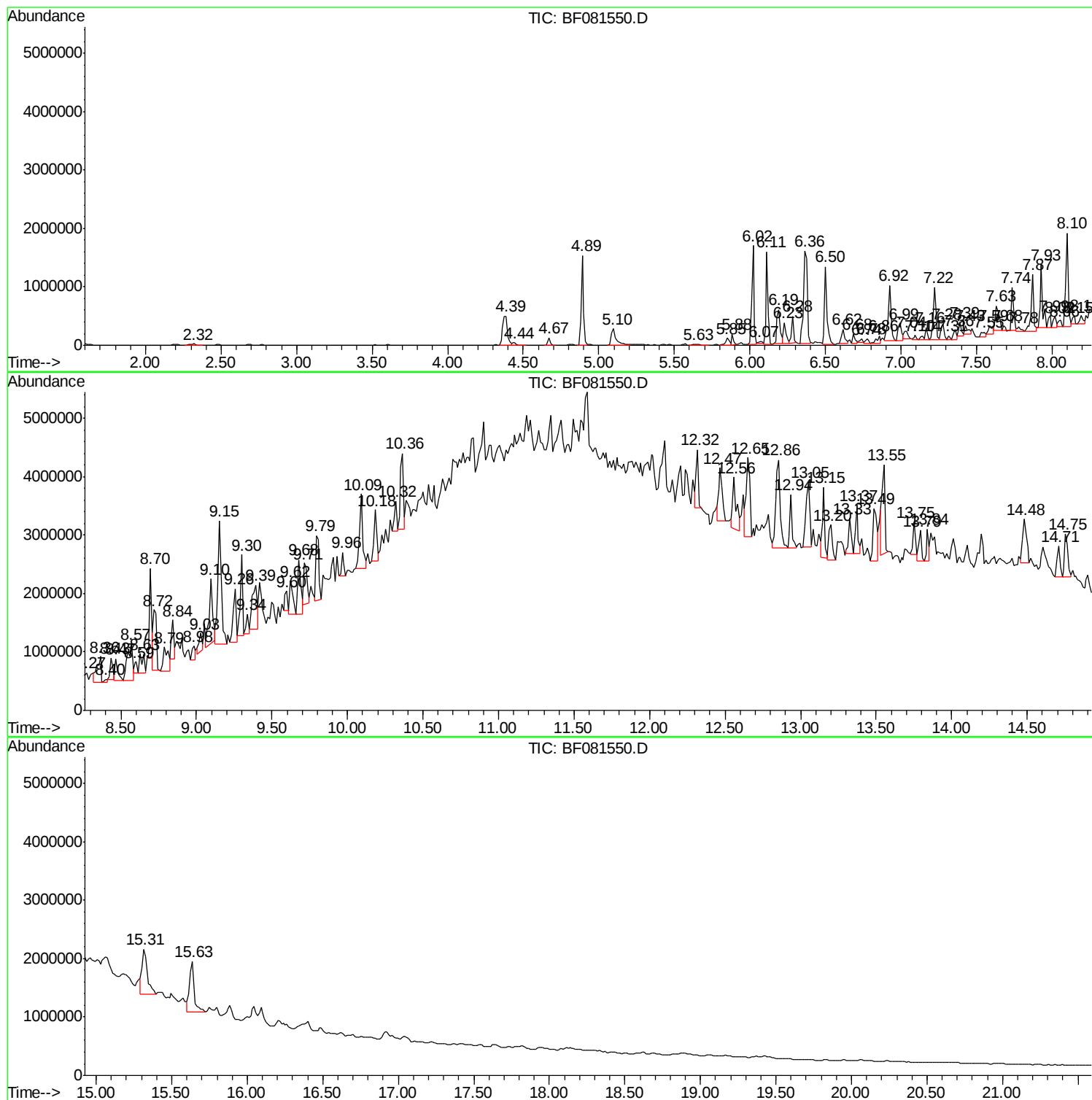
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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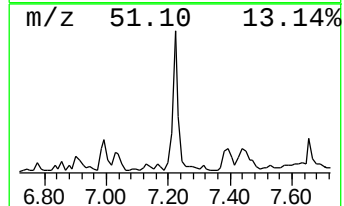
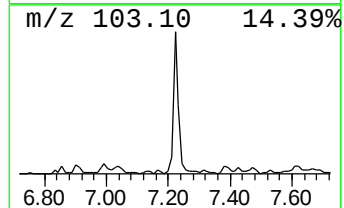
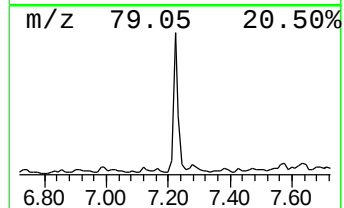
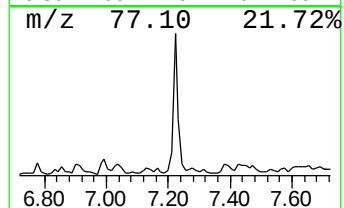
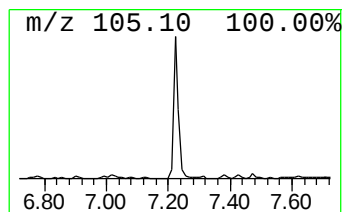
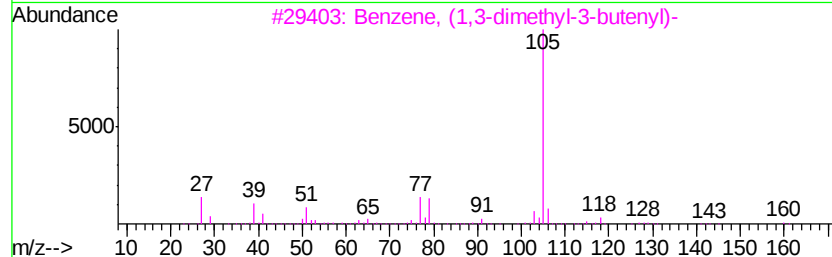
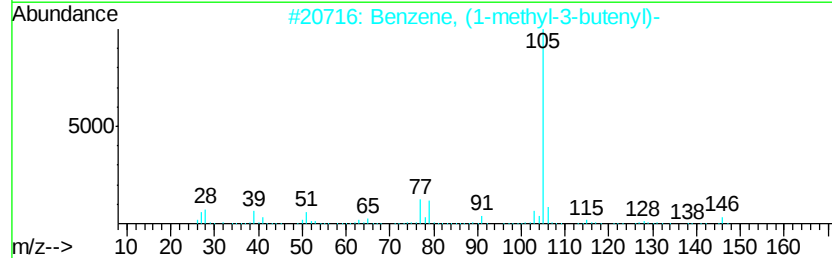
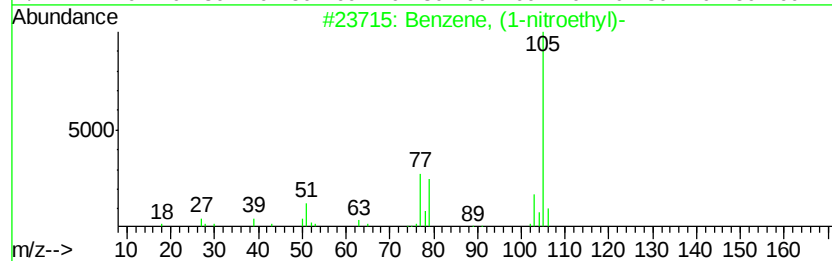
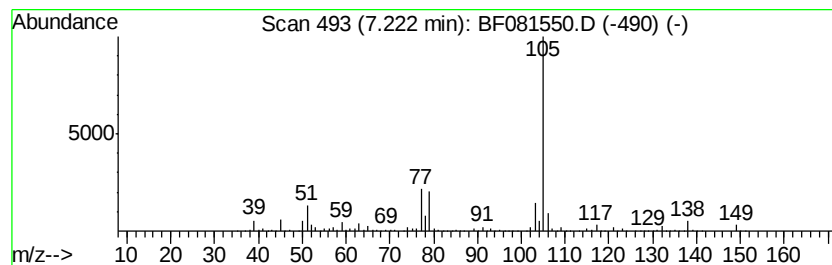
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, (1-nitroethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	34.31 ng	1164480	Napthalene-d8	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	80
2		Benzene, (1-methyl-3-butenyl)-	146	C11H14	010340-49-5	72
3		Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	72
4		p-Tolylacetic acid	150	C9H10O2	000622-47-9	64
5		2,6-Dimethylthiophenol	138	C8H10S	000118-72-9	64



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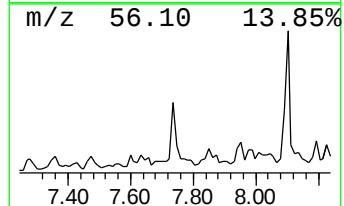
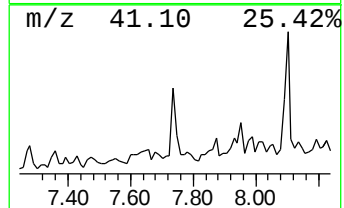
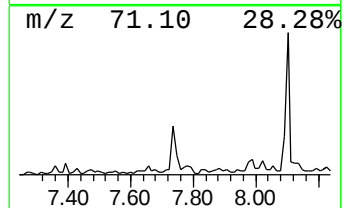
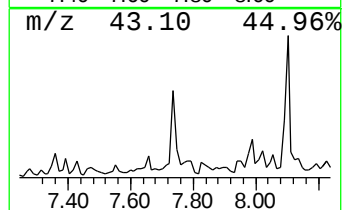
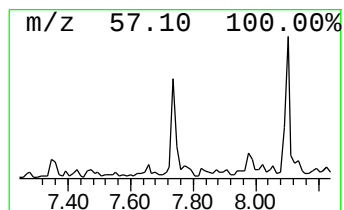
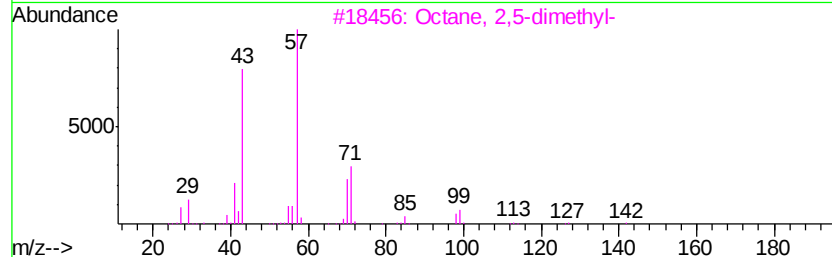
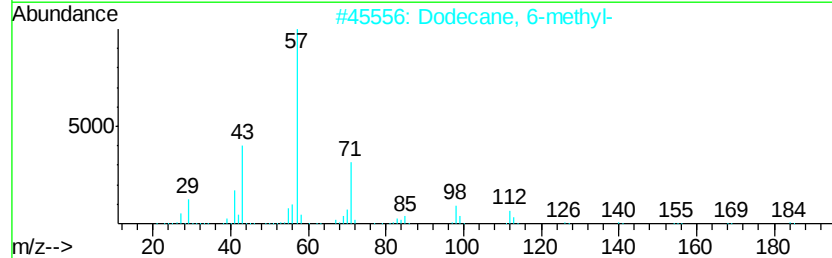
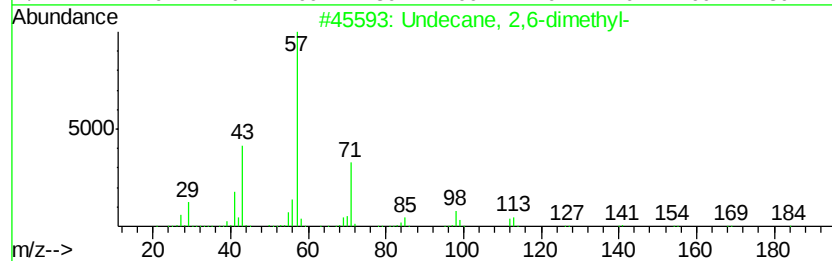
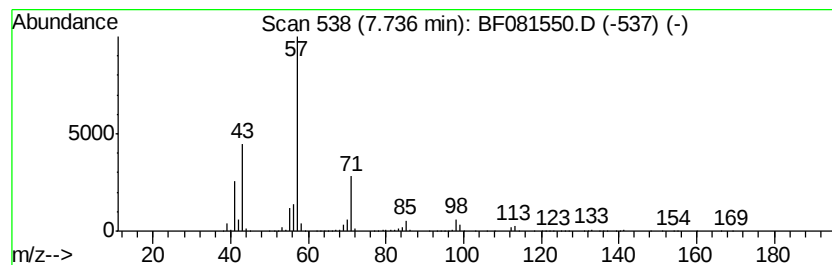
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	21.04 ng	714113	Napthalene-d8	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	83
3		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
4		1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	64
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64



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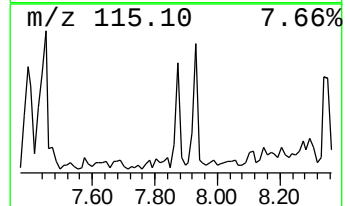
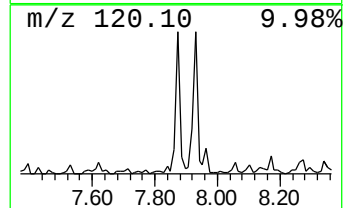
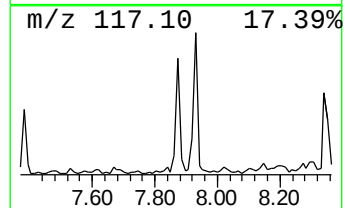
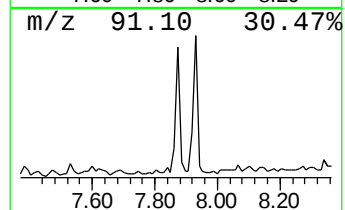
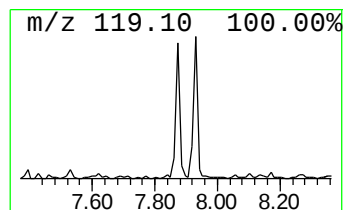
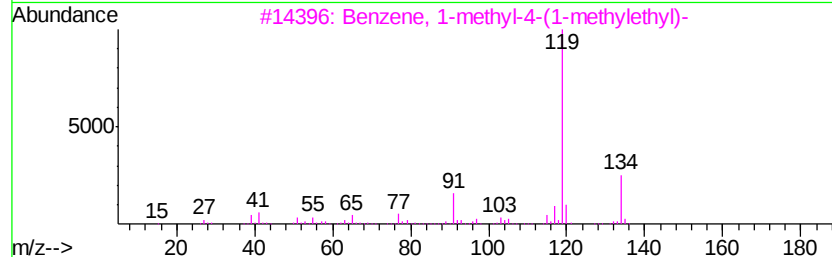
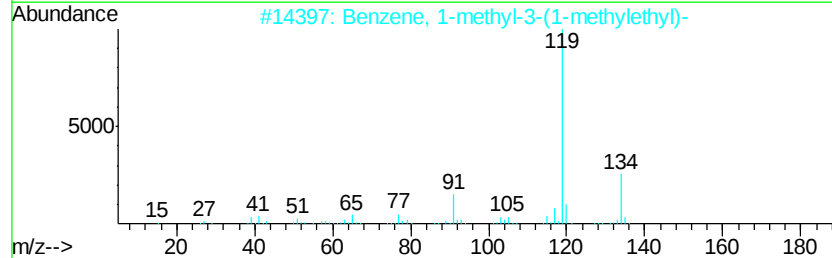
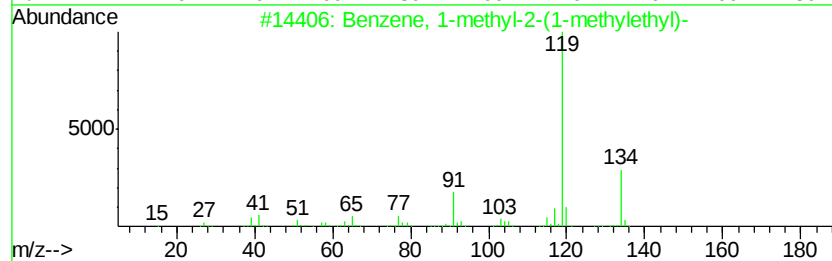
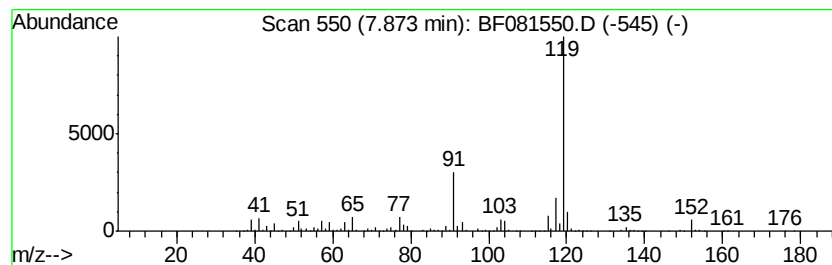
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-methyl-2-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	33.44 ng	1134910	Napthalene-d8	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	80
4		2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	80
5		1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081550.D
Acq On : 9 Sep 2015 7:15
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MGP208BR-7-8

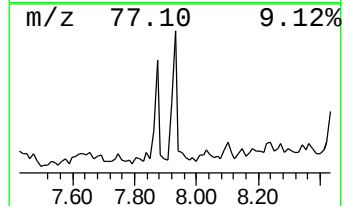
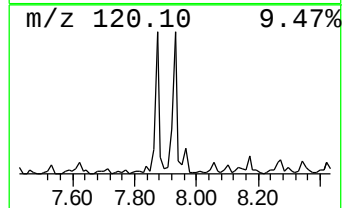
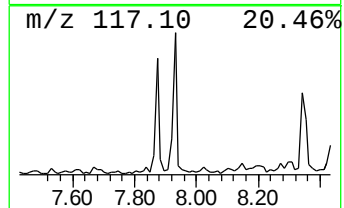
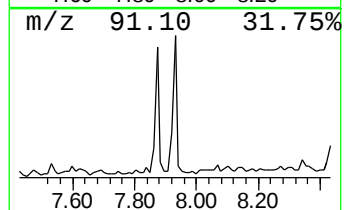
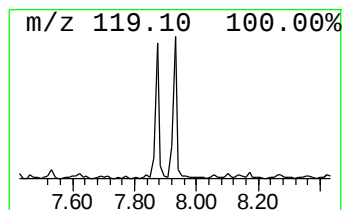
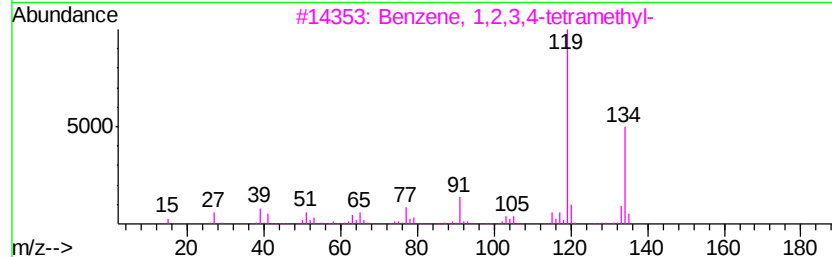
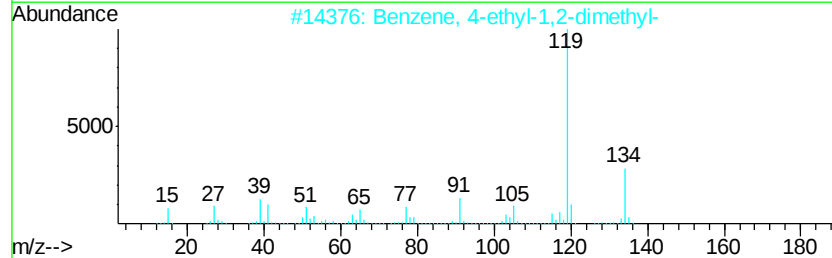
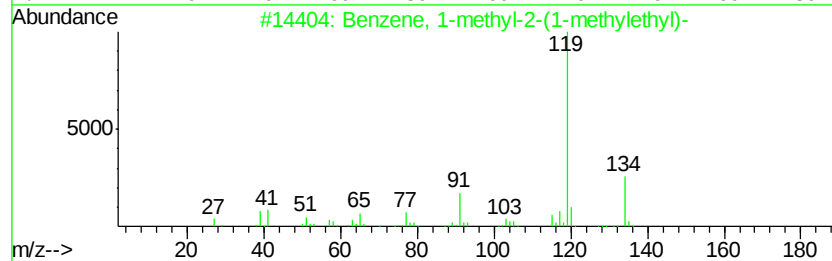
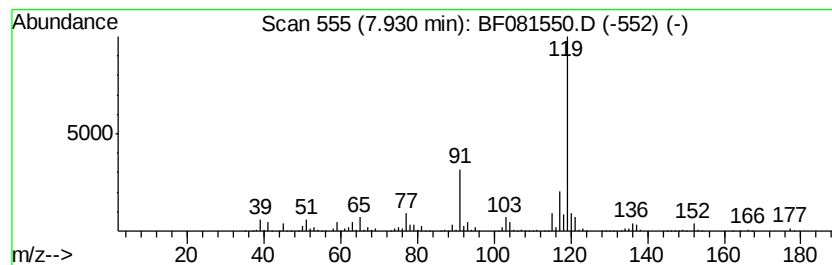
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	38.23 ng	1297590	Napthalene-d8	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	76
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
4		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	64
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081550.D
Acq On : 9 Sep 2015 7:15
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MGP208BR-7-8

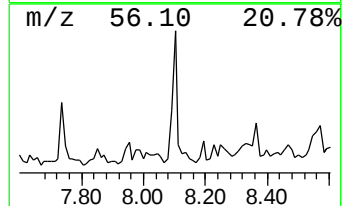
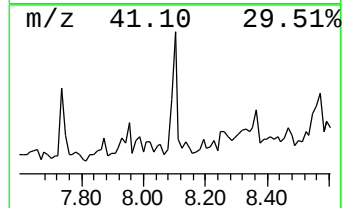
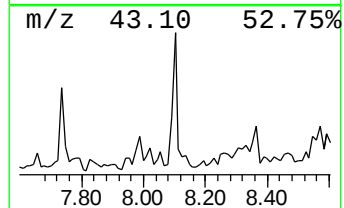
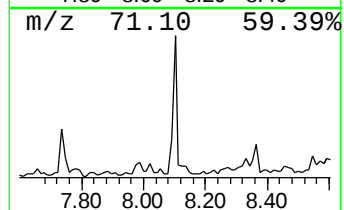
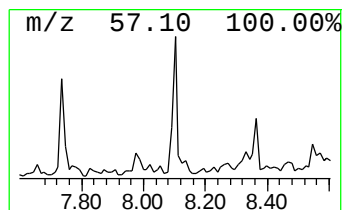
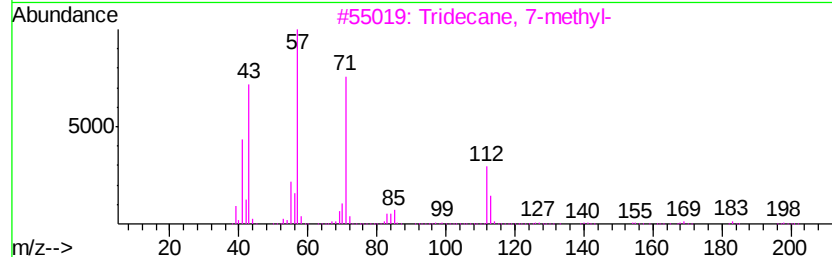
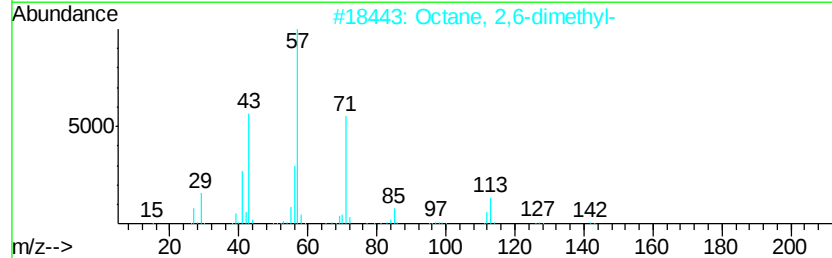
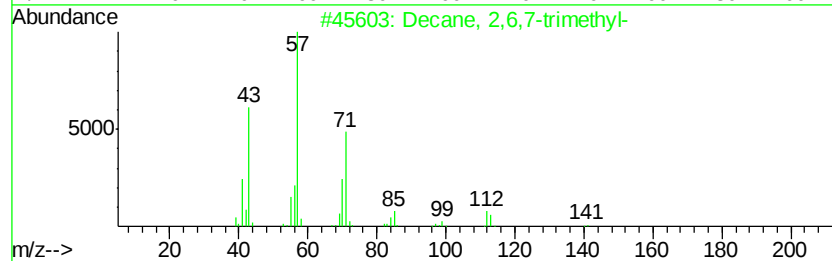
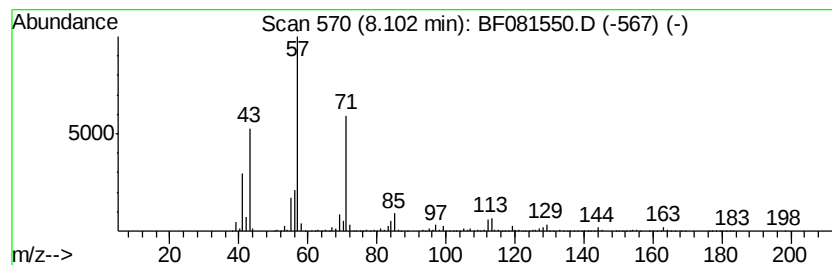
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 2,6,7-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	51.14 ng	1735670	Napthalene-d8	7.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78	
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72	
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	72	
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64	
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081550.D
Acq On : 9 Sep 2015 7:15
Operator : UM/IZ
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Instrument :
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ClientSampleId :
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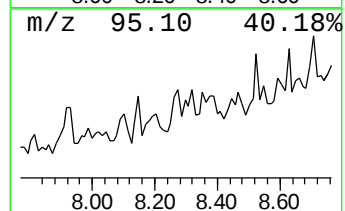
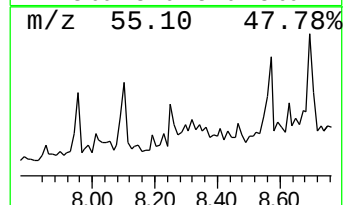
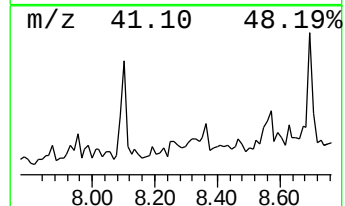
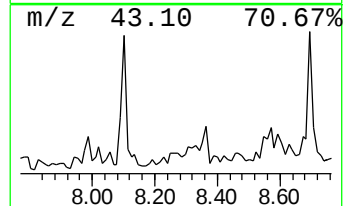
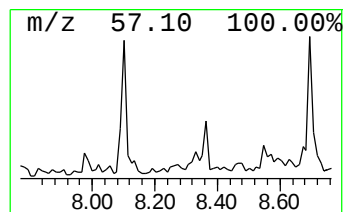
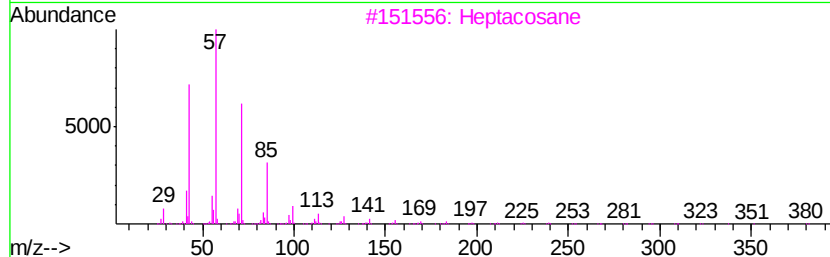
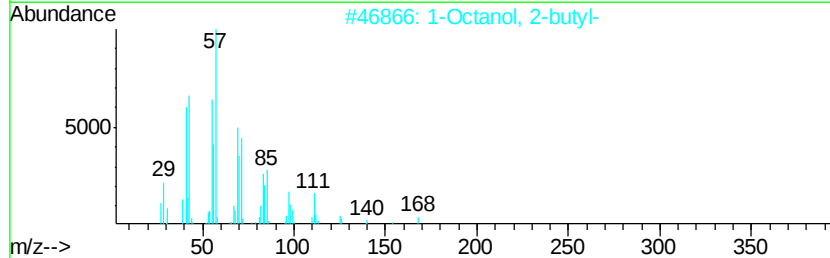
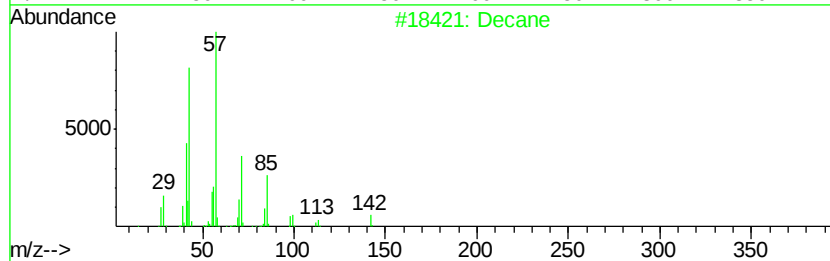
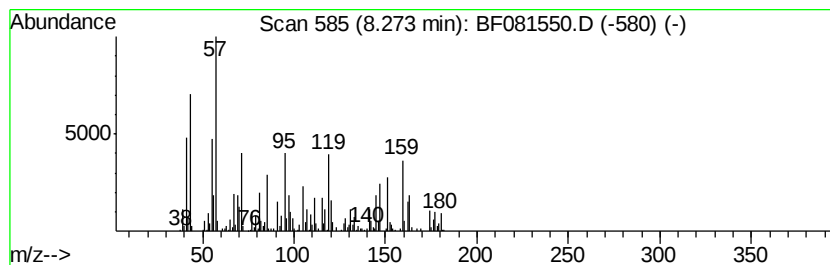
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.27 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	18.16 ng	616267	Naphthalene-d8	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	25
2		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	10
3		Heptacosane	380	C27H56	000593-49-7	10
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	10
5		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081550.D
Acq On : 9 Sep 2015 7:15
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

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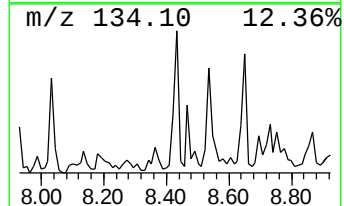
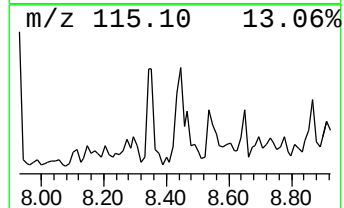
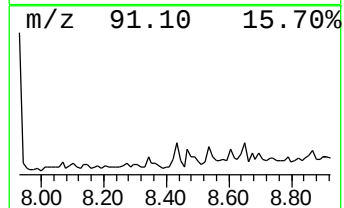
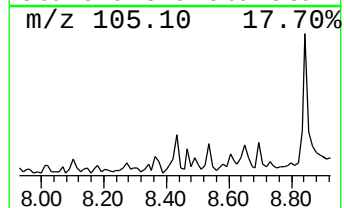
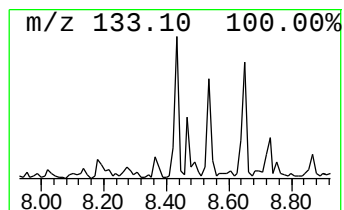
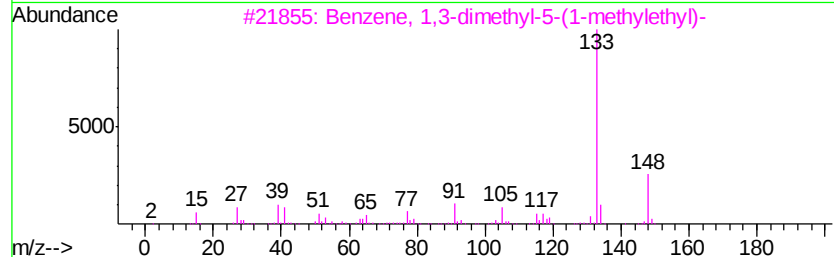
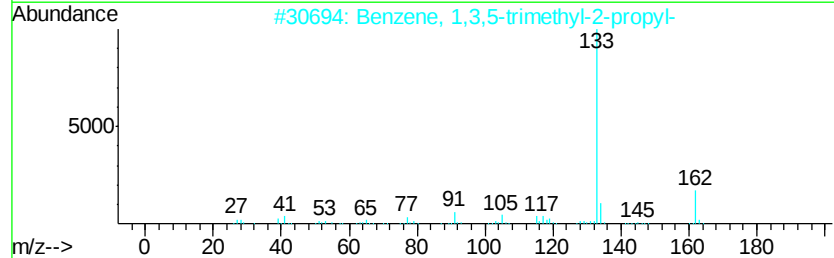
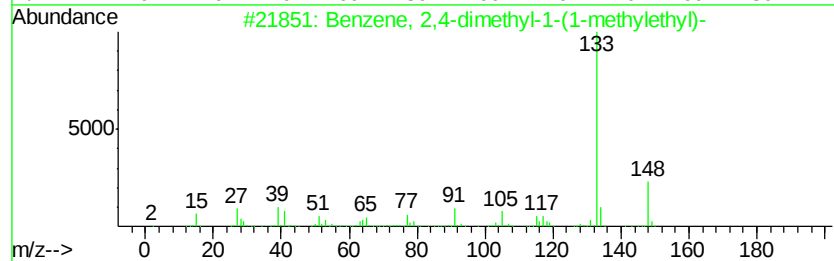
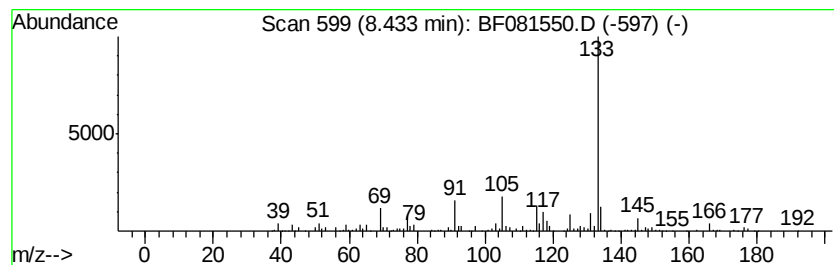
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	14.61 ng	495860	Napthalene-d8	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
2		Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	83
3		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	83
4		Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	80
5		4-tert-Butyltoluene	148	C11H16	000098-51-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
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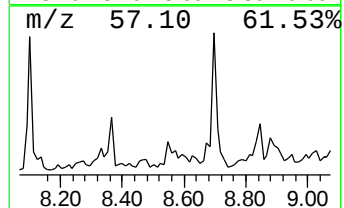
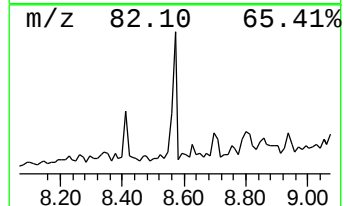
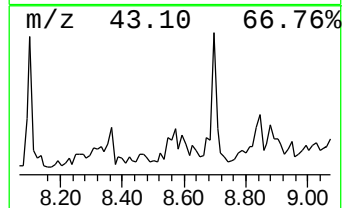
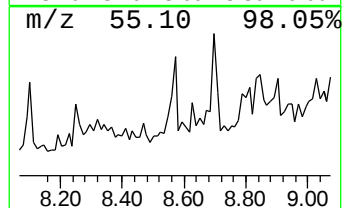
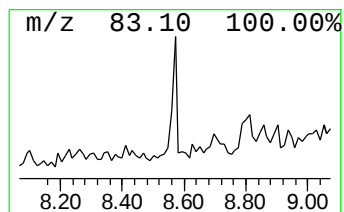
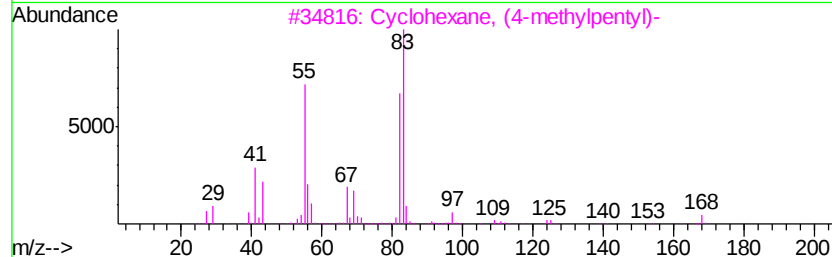
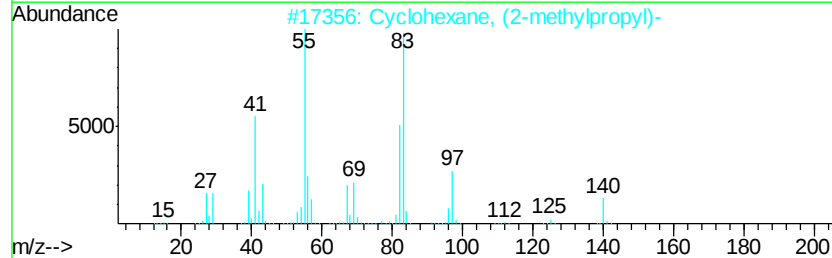
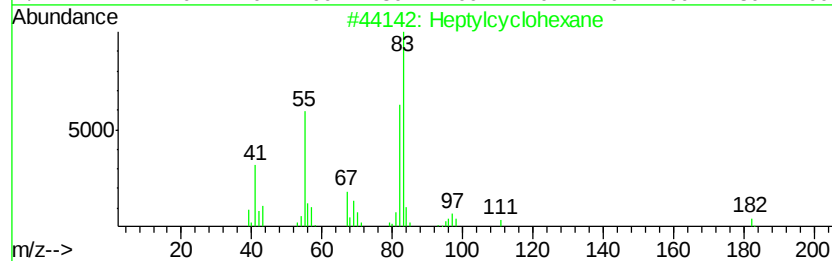
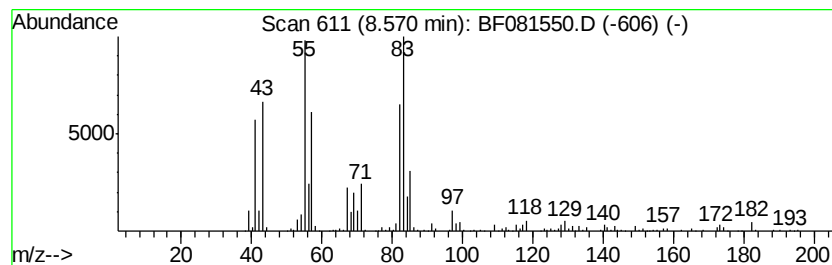
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptylcyclohexane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.57	16.35 ng	1481580	Acenaphthene-d10	9.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	72
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	59
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
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Acq On : 9 Sep 2015 7:15
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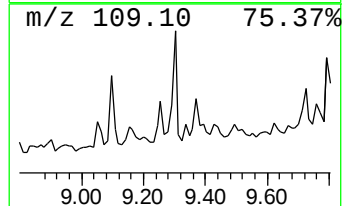
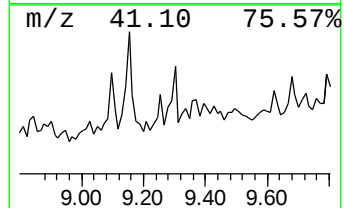
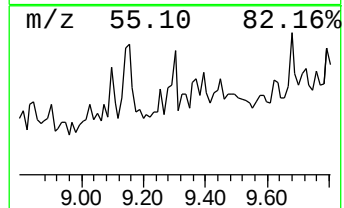
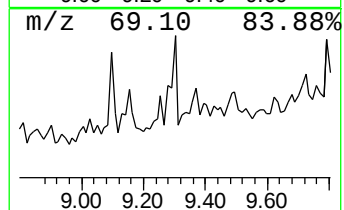
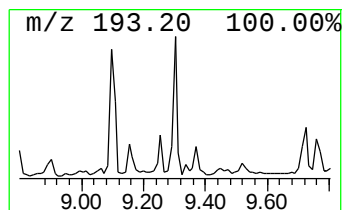
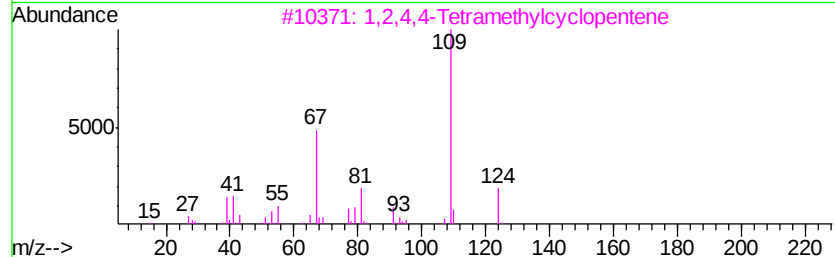
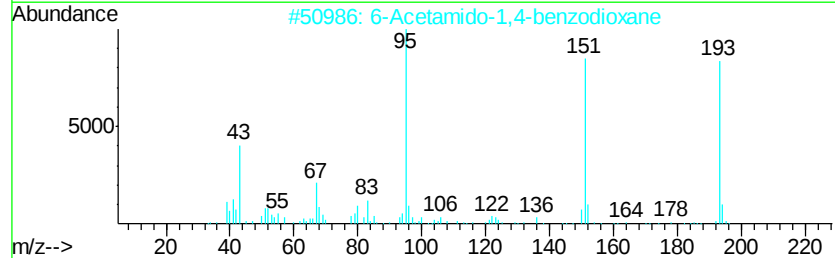
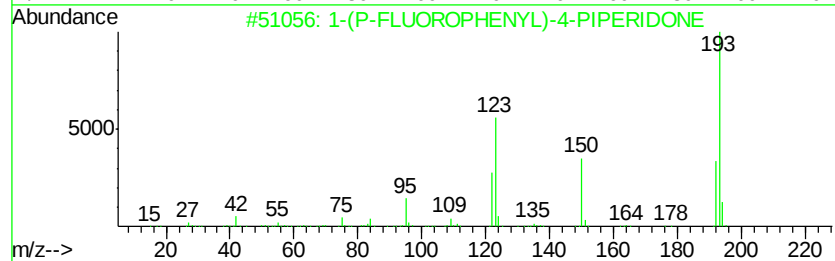
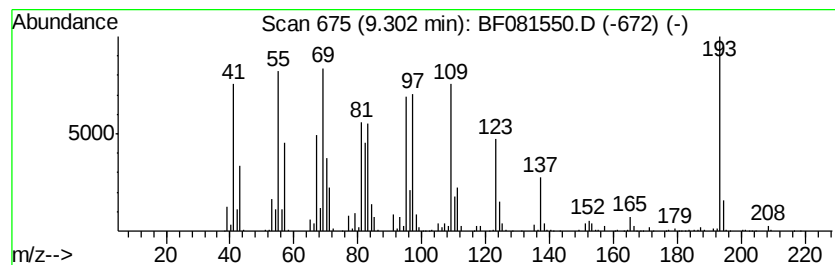
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.30 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	16.25 ng	1472660	Acenaphthene-d10	9.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	22
2		6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	18
3		1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	15
4		1,2,3-Trimethyl-cyclopent-2-enec...	138	C9H14O	1000190-18-1	15
5		Cyclopentanecarboxylic acid, 3-t...	310	C20H38O2	1000280-58-8	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
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Acq On : 9 Sep 2015 7:15
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ClientSampleId :
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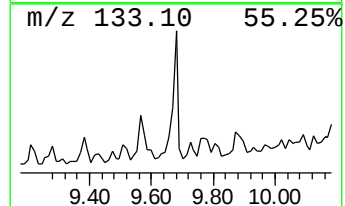
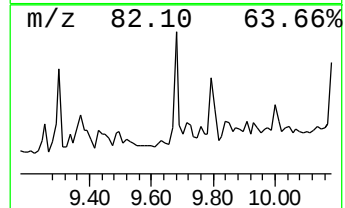
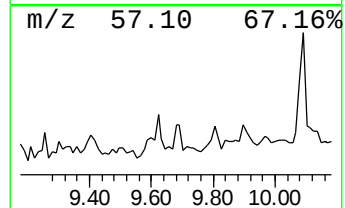
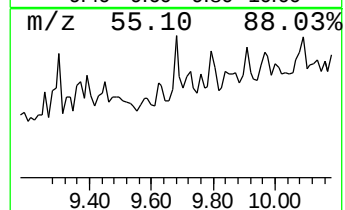
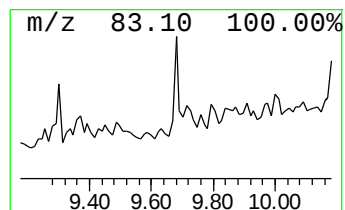
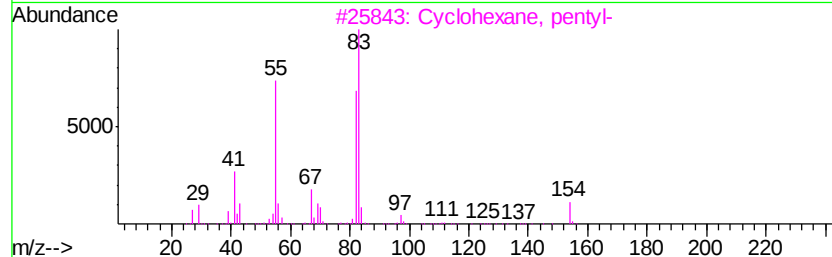
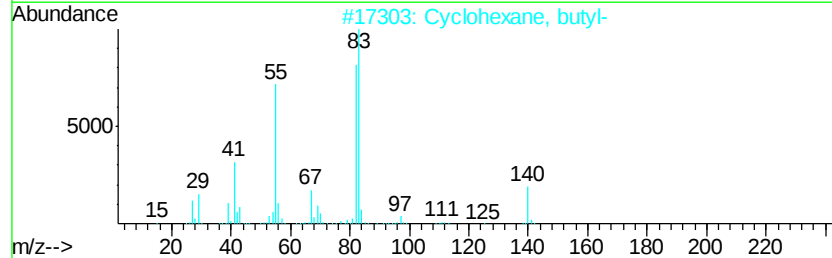
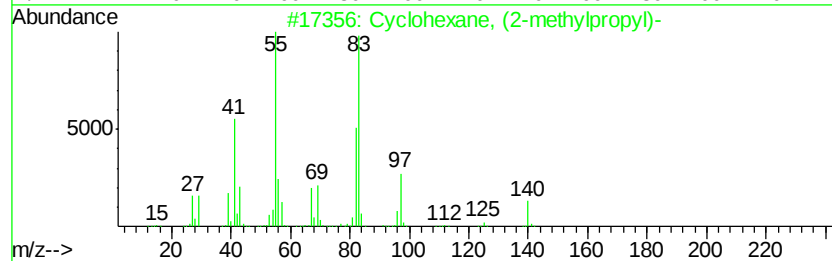
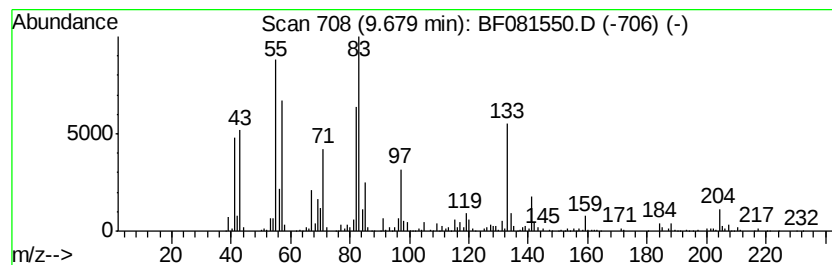
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, (2-methylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	14.94 ng	1354130	Acenaphthene-d10	9.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	41
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	41
4			Cyclohexane, eicosyl-	364	C26H52	004443-55-4	38
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081550.D
Acq On : 9 Sep 2015 7:15
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP208BR-7-8

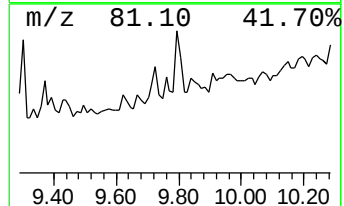
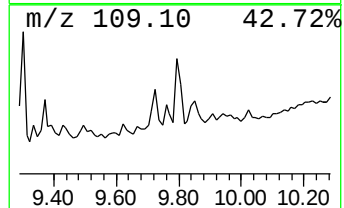
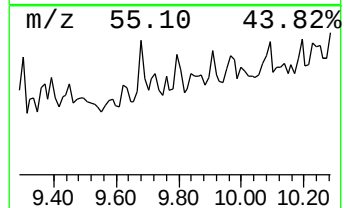
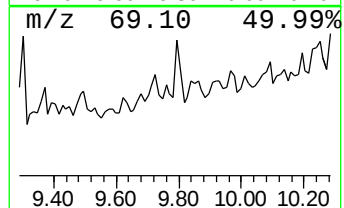
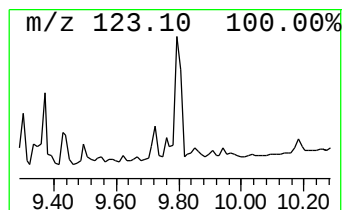
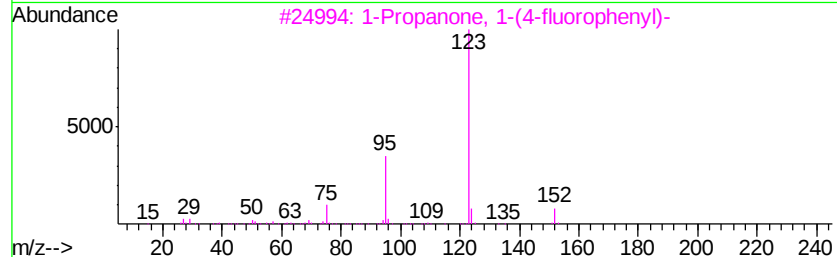
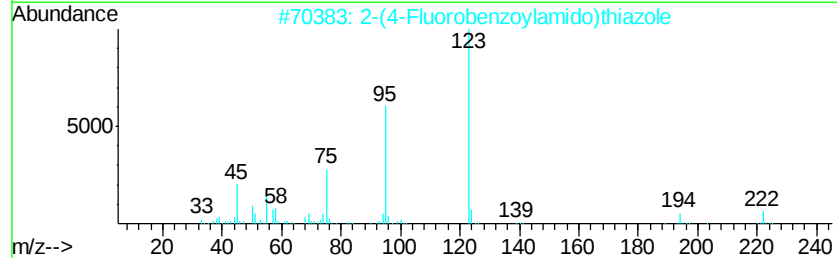
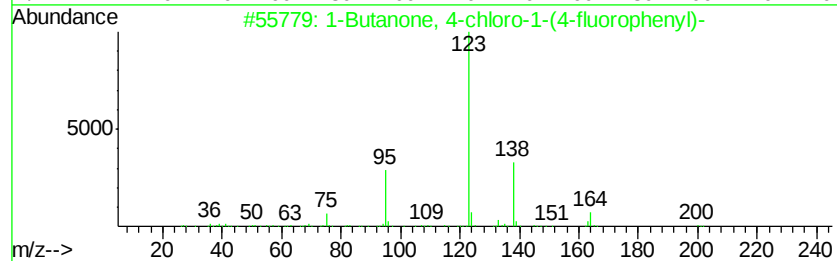
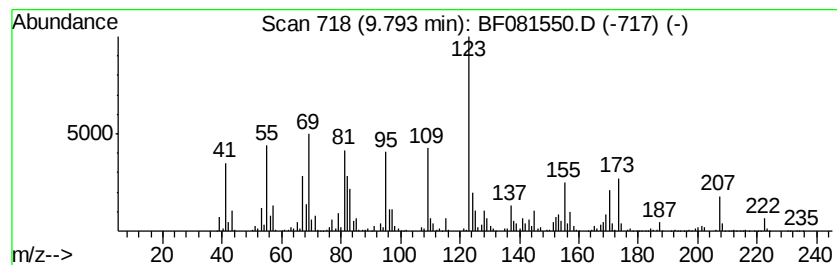
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.79 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	18.56 ng	1681560	Acenaphthene-d10	9.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butanone, 4-chloro-1-(4-fluoro...	200	C10H10ClFO	003874-54-2	38
2		2-(4-Fluorobenzoylamido)thiazole	222	C10H7FN2OS	313376-92-0	38
3		1-Propanone, 1-(4-fluorophenyl)-	152	C9H9FO	000456-03-1	35
4		Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	35
5		4-Fluorobenzoic acid, 1-cyclopen...	236	C14H17FO2	1000279-05-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081550.D
Acq On : 9 Sep 2015 7:15
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
MGP208BR-7-8

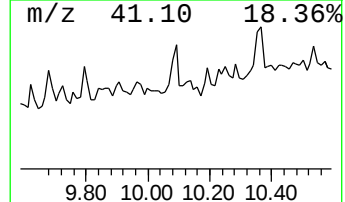
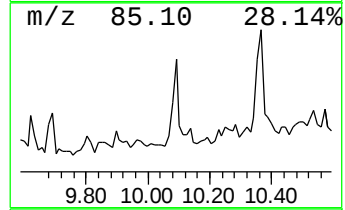
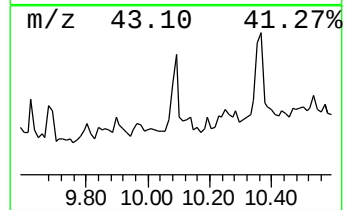
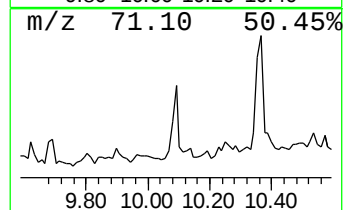
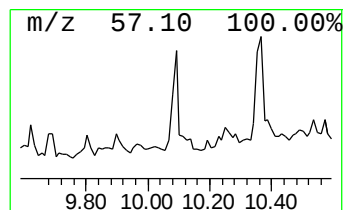
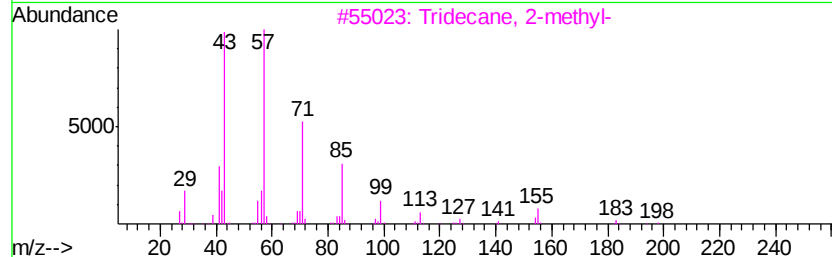
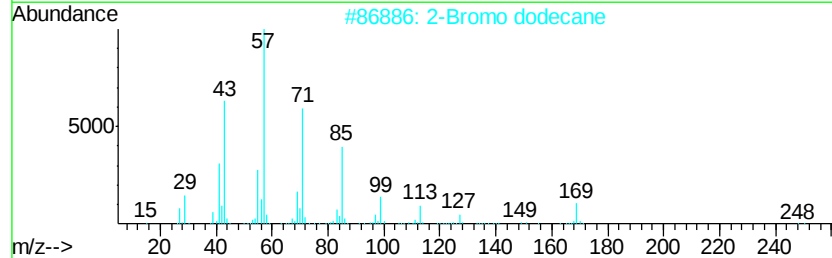
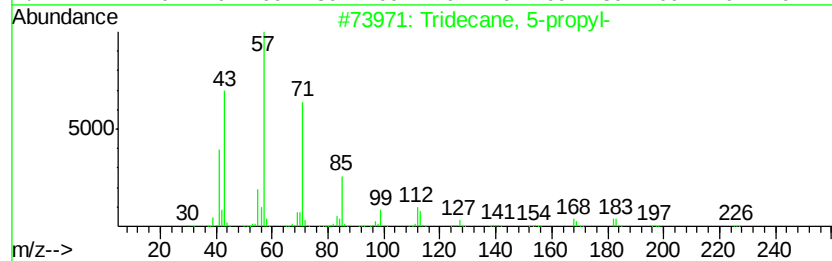
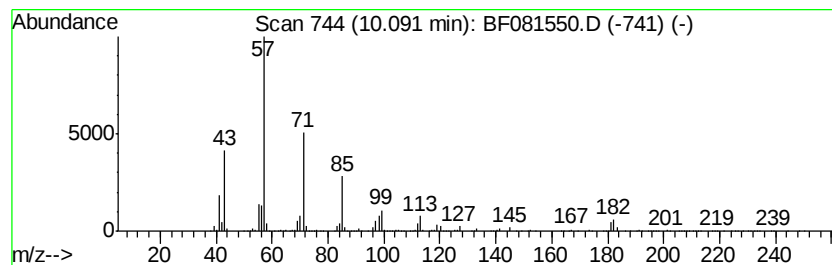
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 5-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	19.92 ng	1805430	Acenaphthene-d10	9.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	81
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	81
4		Hexadecane	226	C16H34	000544-76-3	72
5		Undecane, 5-ethyl-	184	C13H28	017453-94-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081550.D
Acq On : 9 Sep 2015 7:15
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

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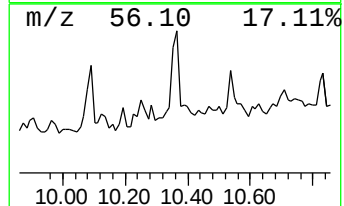
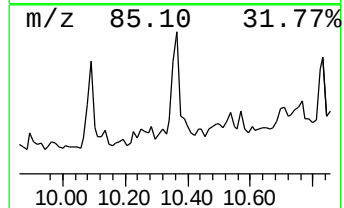
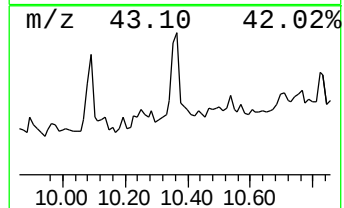
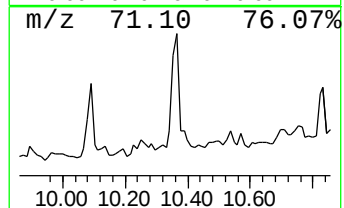
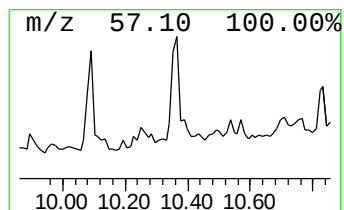
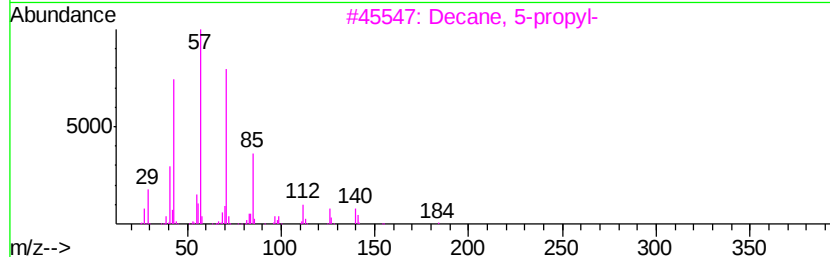
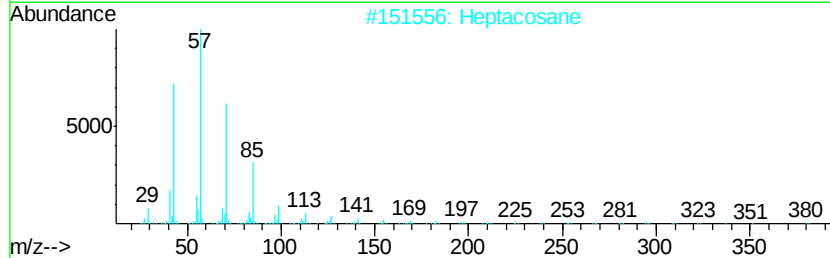
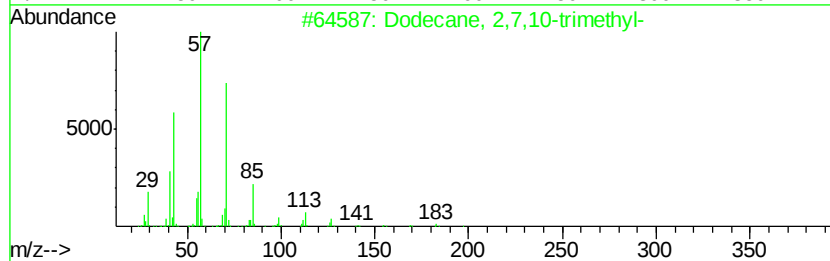
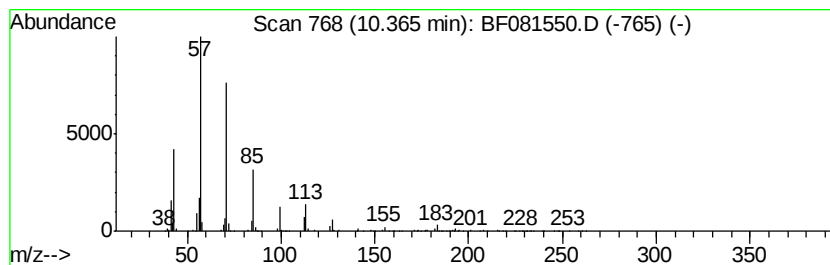
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	20.00 ng	1927100	Phenanthrene-d10	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2		Heptacosane	380	C27H56	000593-49-7	78
3		Decane, 5-propyl-	184	C13H28	017312-62-8	72
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	70
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081550.D
Acq On : 9 Sep 2015 7:15
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

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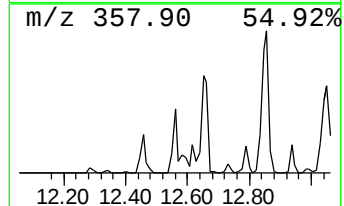
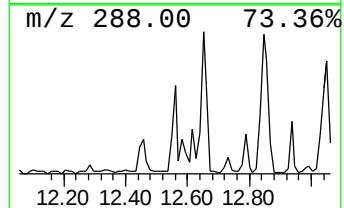
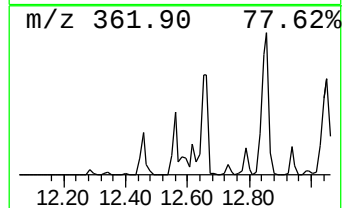
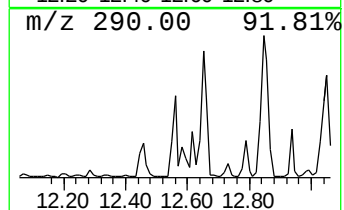
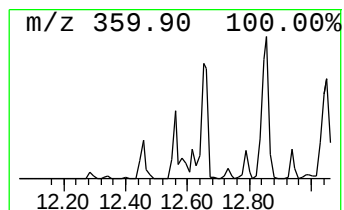
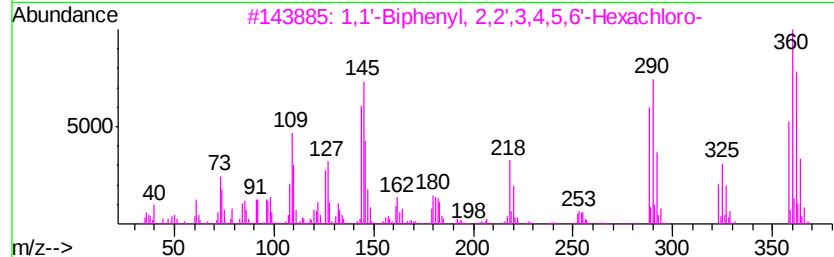
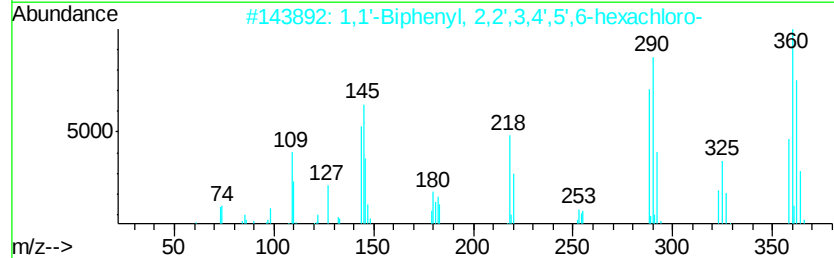
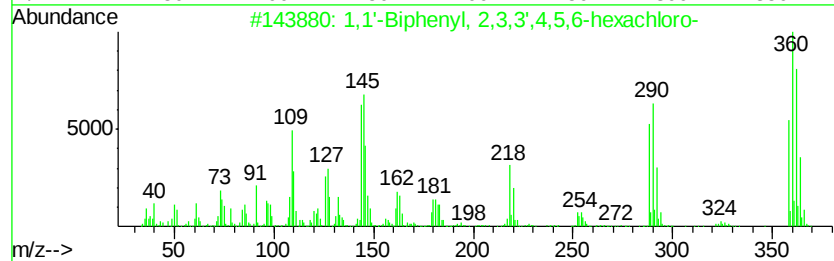
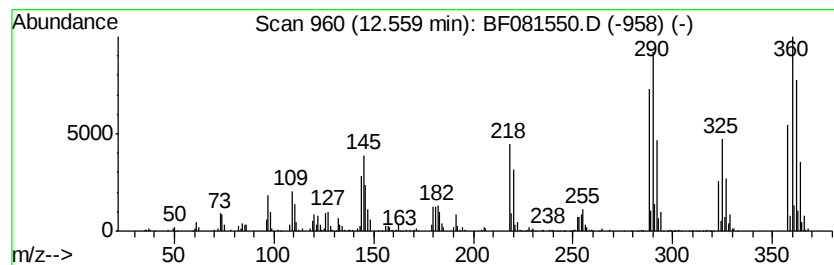
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	18.34 ng	1473330	Chrysene-d12	13.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
4		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081550.D
Acq On : 9 Sep 2015 7:15
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

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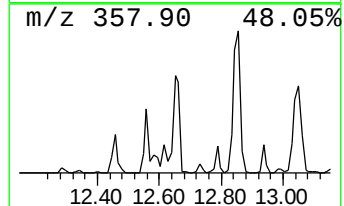
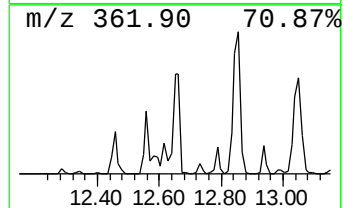
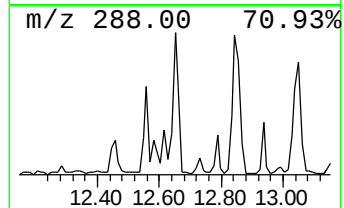
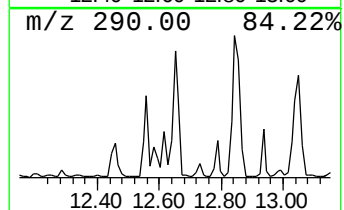
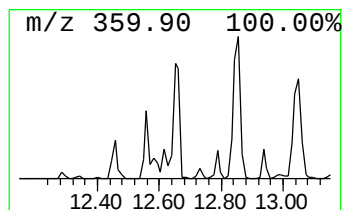
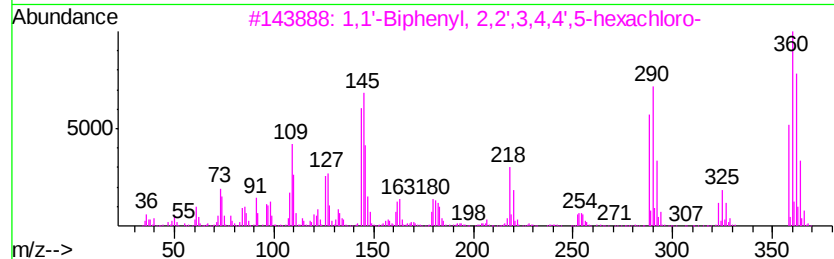
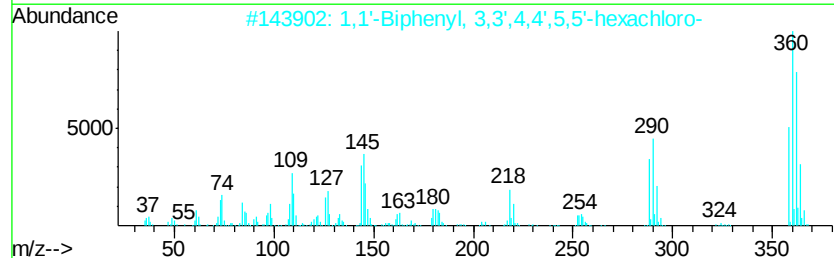
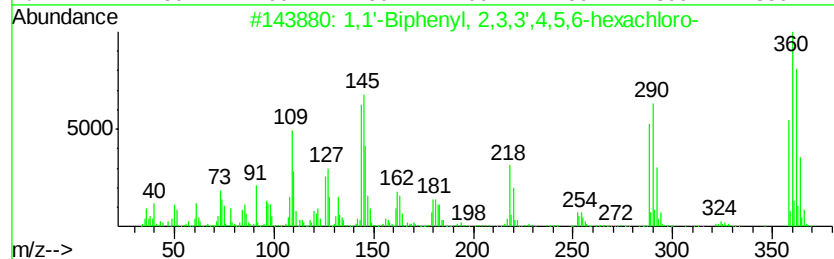
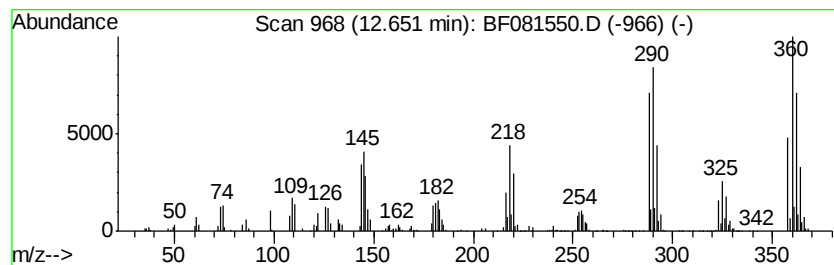
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	25.94 ng	2083970	Chrysene-d12	13.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3		1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
4		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
5		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
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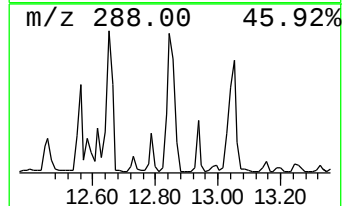
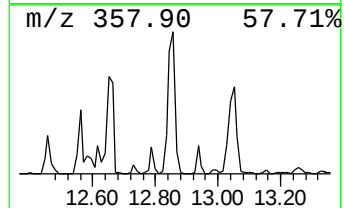
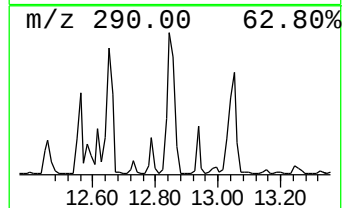
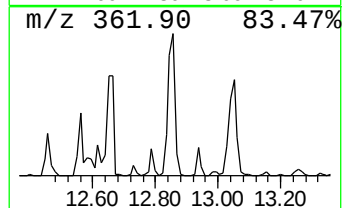
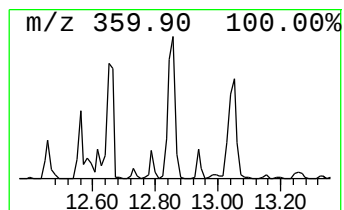
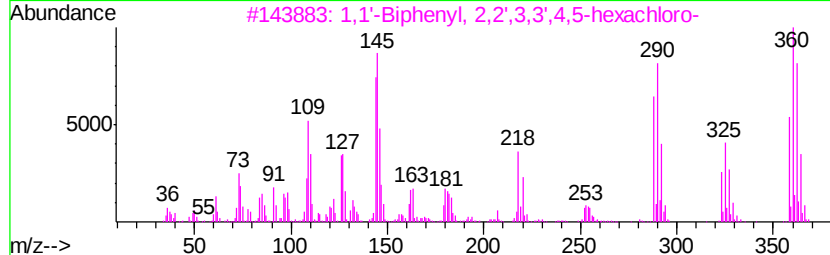
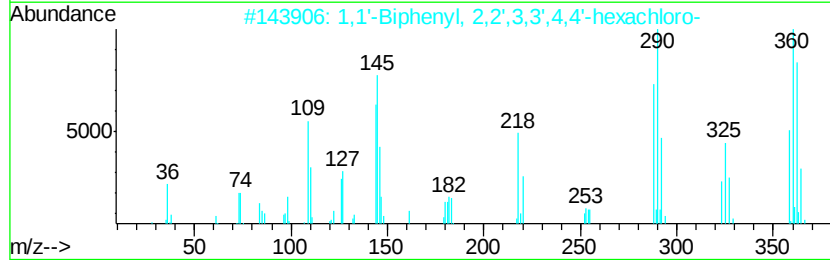
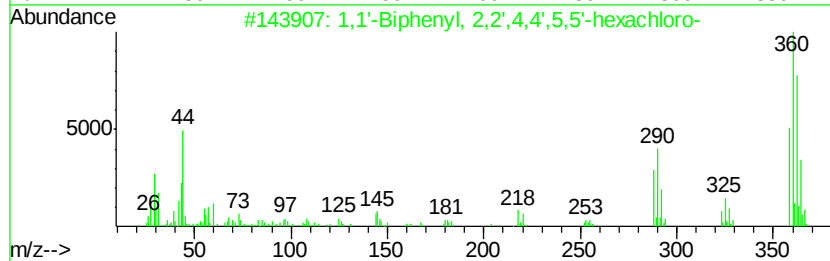
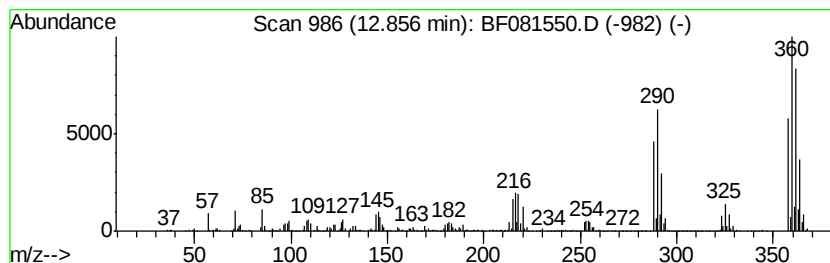
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,2',4,4',5,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.86	39.37 ng	3163470	Chrysene-d12	13.50		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	98
2	1,1'-Biphenyl,	2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	96
3	1,1'-Biphenyl,	2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	95
4	1,1'-Biphenyl,	2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	95
5	1,1'-Biphenyl,	2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
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Operator : UM/IZ
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MGP208BR-7-8

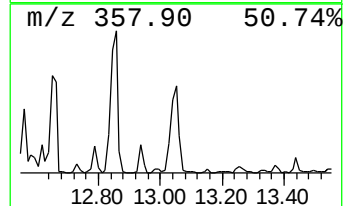
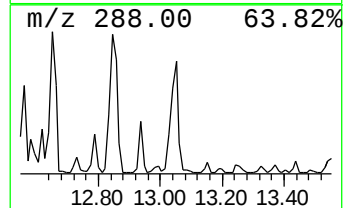
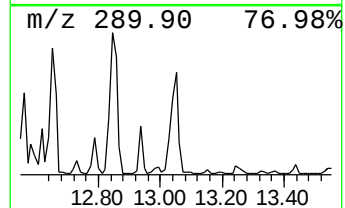
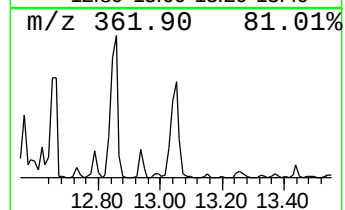
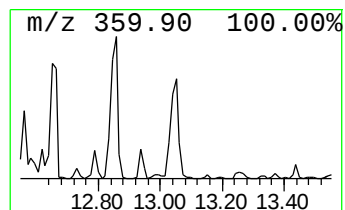
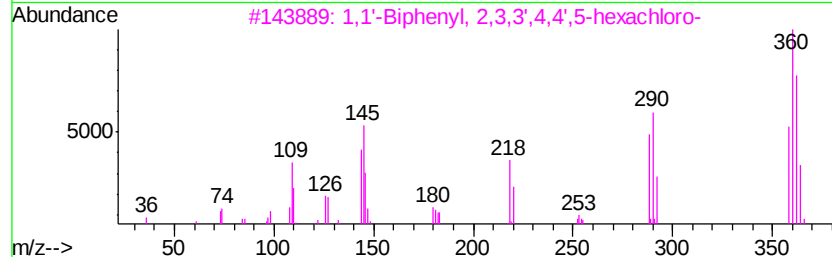
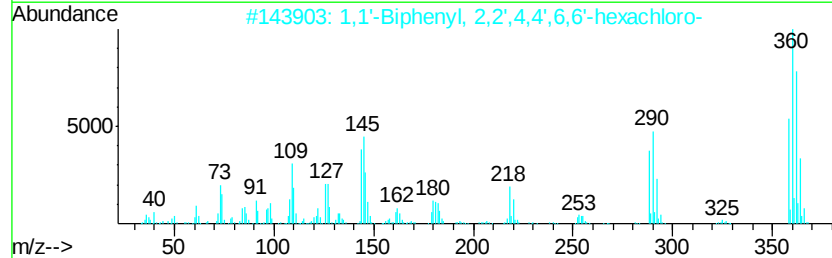
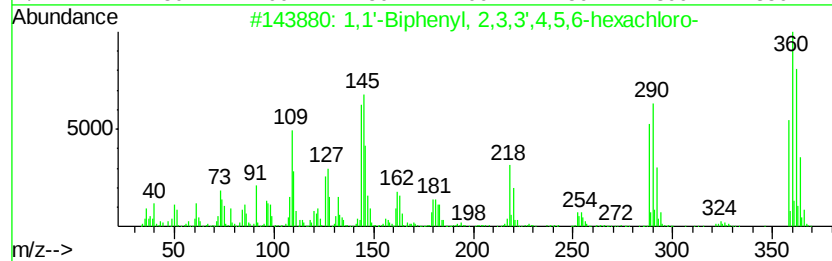
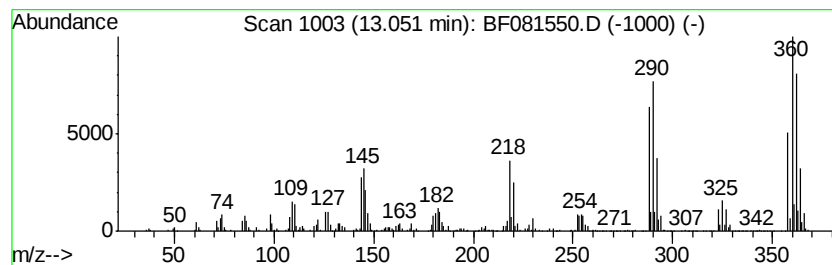
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 2,2',4,4',6,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	23.58 ng	1894890	Chrysene-d12	13.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2		1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
3		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4		1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
5		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081550.D
Acq On : 9 Sep 2015 7:15
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP208BR-7-8

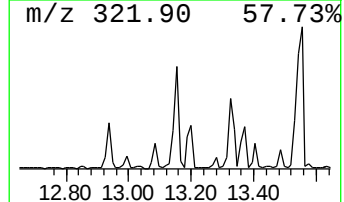
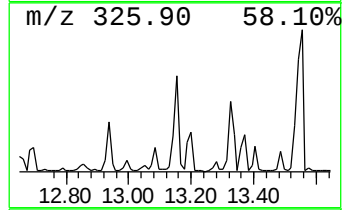
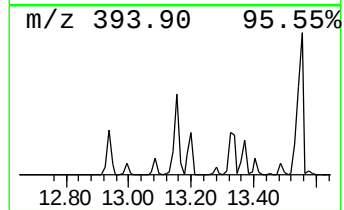
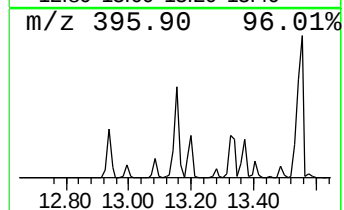
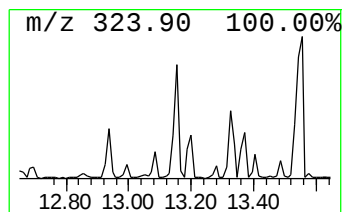
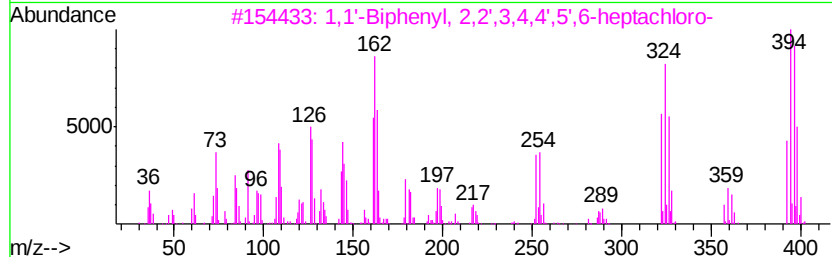
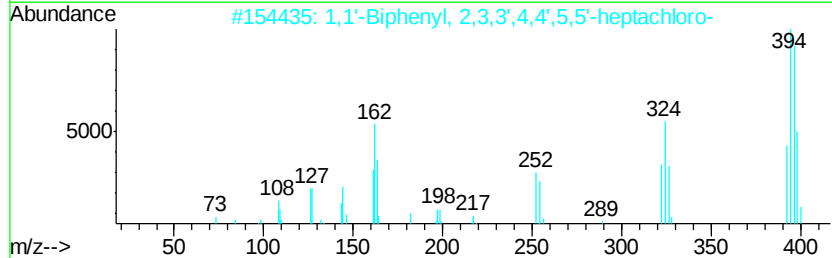
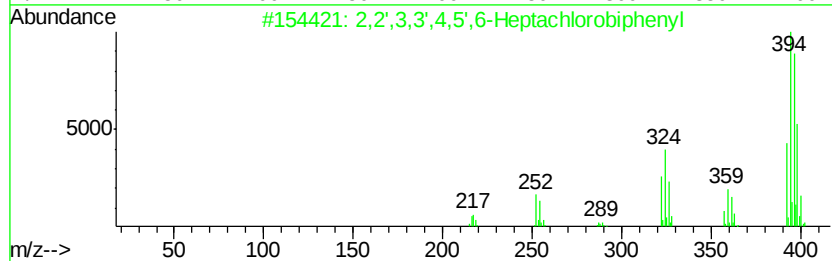
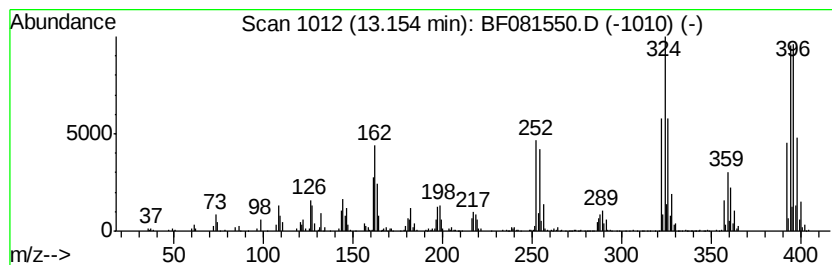
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	17.08 ng	1372600	Chrysene-d12	13.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
2		1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
3		1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
4		1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
5		1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081550.D
Acq On : 9 Sep 2015 7:15
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP208BR-7-8

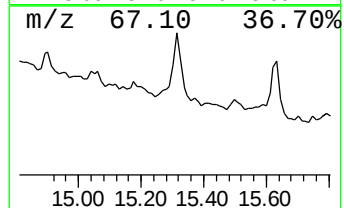
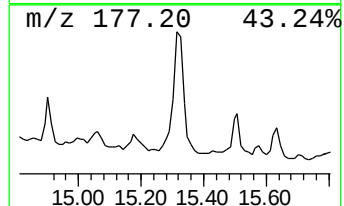
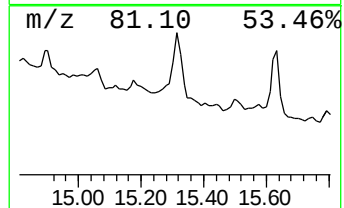
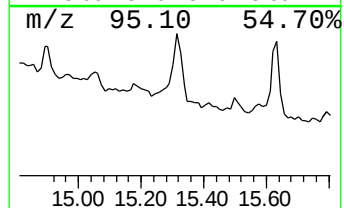
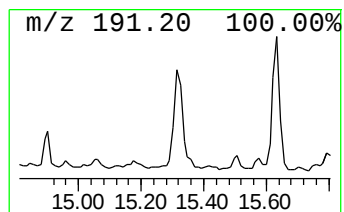
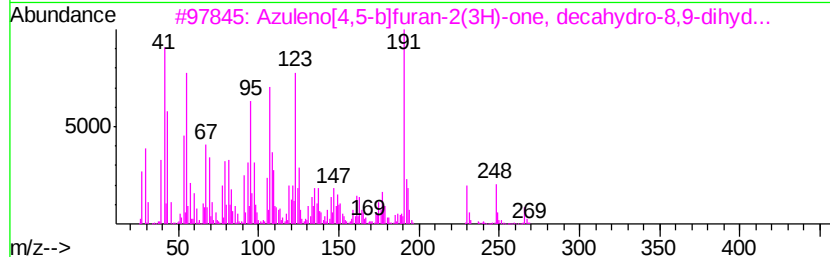
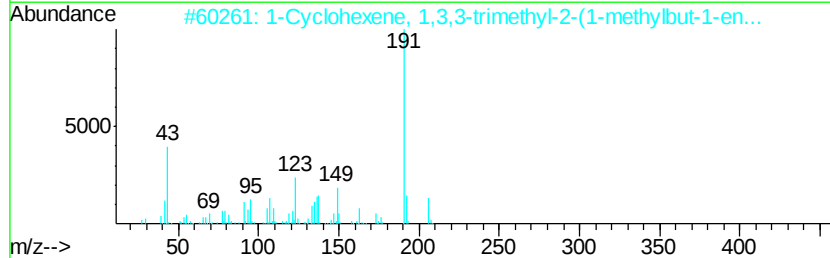
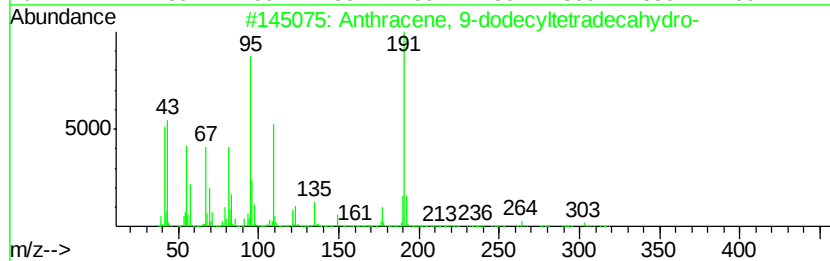
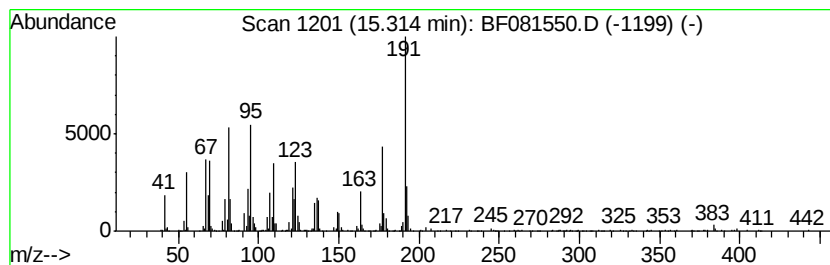
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown15.31 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	33.45 ng	1819920	Perylene-d12	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	43
2		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	37
3		Azuleno[4,5-b]furan-2(3H)-one, d...	266	C15H22O4	005090-67-5	32
4		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	32
5		5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081550.D
Acq On : 9 Sep 2015 7:15
Operator : UM/IZ
Sample : G3519-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP208BR-7-8

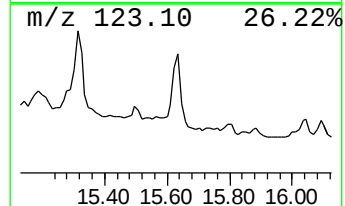
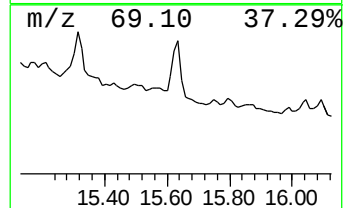
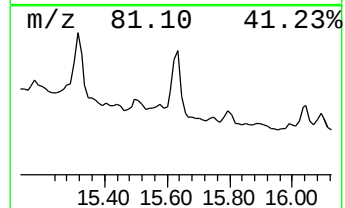
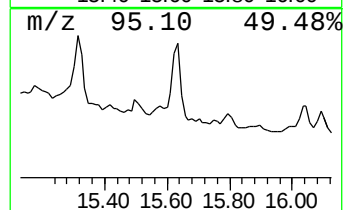
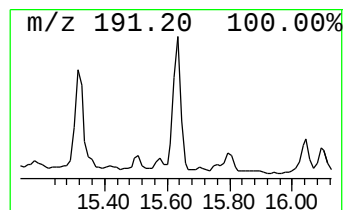
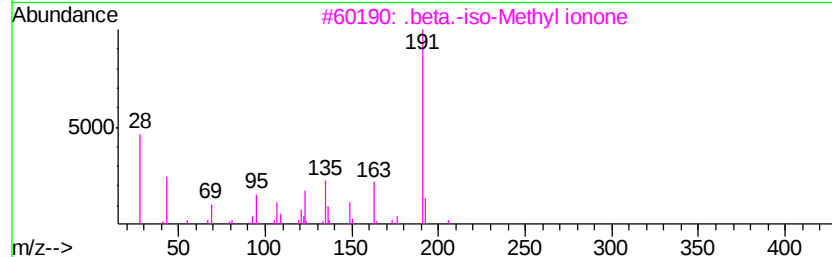
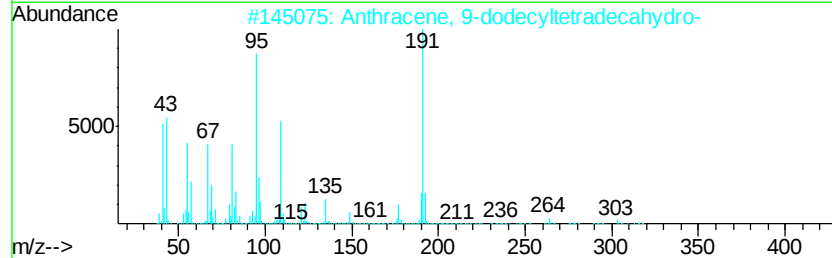
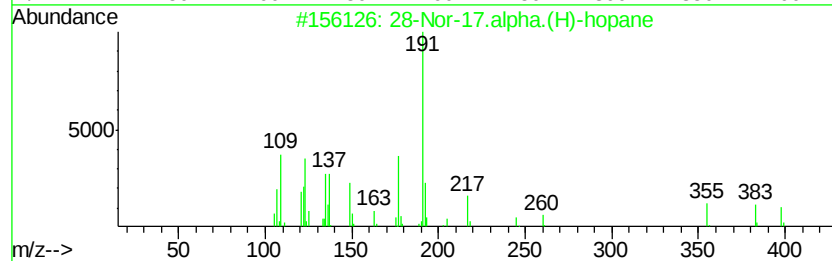
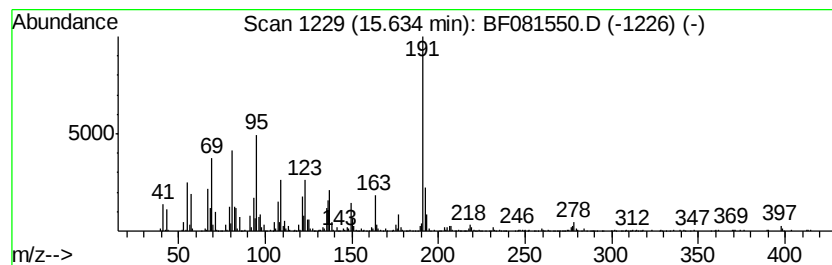
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 28-Nor-17.alpha.(H)-hopane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	33.60 ng	1828170	Perylene-d12	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	64
2		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	50
3		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	49
4		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	47
5		5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
 Data File : BF081550.D
 Acq On : 9 Sep 2015 7:15
 Operator : UM/IZ
 Sample : G3519-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, (1-nitro...	7.22	34.3	ng	1164480	2	7.63	678838	20.0
Undecane, 2,6-dim...	7.74	21.0	ng	714113	2	7.63	678838	20.0
Benzene, 1-methyl...	7.87	33.4	ng	1134910	2	7.63	678838	20.0
Benzene, 4-ethyl...	7.93	38.2	ng	1297590	2	7.63	678838	20.0
Decane, 2,6,7-tri...	8.10	51.1	ng	1735670	2	7.63	678838	20.0
unknown8.27	8.27	18.2	ng	616267	2	7.63	678838	20.0
Benzene, 2,4-dime...	8.43	14.6	ng	495860	2	7.63	678838	20.0
Heptylcyclohexane	8.57	16.4	ng	1481580	3	9.38	1812380	20.0
unknown9.30	9.30	16.3	ng	1472660	3	9.38	1812380	20.0
Cyclohexane, (2-m...	9.68	14.9	ng	1354130	3	9.38	1812380	20.0
unknown9.79	9.79	18.6	ng	1681560	3	9.38	1812380	20.0
Tridecane, 5-propyl-	10.09	19.9	ng	1805430	3	9.38	1812380	20.0
Dodecane, 2,7,10-...	10.36	20.0	ng	1927100	4	10.87	1927100	20.0
1,1'-Biphenyl, 2,...	12.56	18.3	ng	1473330	5	13.50	1607020	20.0
1,1'-Biphenyl, 3,...	12.65	25.9	ng	2083970	5	13.50	1607020	20.0
1,1'-Biphenyl, 2,...	12.86	39.4	ng	3163470	5	13.50	1607020	20.0
1,1'-Biphenyl, 2,...	13.05	23.6	ng	1894890	5	13.50	1607020	20.0
2,2',3,3',4,5',6-...	13.15	17.1	ng	1372600	5	13.50	1607020	20.0
unknown15.31	15.31	33.5	ng	1819920	6	14.80	1088070	20.0
28-Nor-17.alpha.(...	15.63	33.6	ng	1828170	6	14.80	1088070	20.0