

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
 Data File : BF082689.D
 Acq On : 4 Nov 2015 7:44
 Operator : UM/IZ
 Sample : G4241-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17(3)

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-BF103015.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	5.058	257	260	264	rBV	2058079	2870358	18.22%	0.917%
2	5.481	291	297	299	rBV	5519073	6115438	38.81%	1.954%
3	5.641	309	311	313	rBV2	272554	360440	2.29%	0.115%
4	5.733	316	319	322	rVB3	252872	482384	3.06%	0.154%
5	5.801	322	325	329	rBV2	286302	327910	2.08%	0.105%
6	5.893	330	333	335	rBV2	592463	949989	6.03%	0.304%
7	5.950	335	338	340	rBV2	320615	597544	3.79%	0.191%
8	6.030	343	345	348	rVB2	1008993	1493400	9.48%	0.477%
9	6.087	348	350	352	rBV	594133	995396	6.32%	0.318%
10	6.133	352	354	358	rBV	3254033	3473439	22.04%	1.110%
11	6.190	358	359	361	rBV	1835892	2205858	14.00%	0.705%
12	6.327	368	371	373	rBV2	1932161	2687914	17.06%	0.859%
13	6.396	373	377	378	rVV2	2030667	3092114	19.62%	0.988%
14	6.419	378	379	383	rVV3	2568646	3498043	22.20%	1.118%
15	6.510	383	387	388	rVV	5047412	6628918	42.07%	2.118%
16	6.556	388	391	393	rVV4	1046967	2103431	13.35%	0.672%
17	6.590	393	394	395	rVB	846122	580017	3.68%	0.185%
18	6.647	395	399	403	rBV2	6464266	11055692	70.17%	3.532%
19	6.716	403	405	406	rVV	1127170	1461140	9.27%	0.467%
20	6.750	406	408	409	rVB2	1383112	1432299	9.09%	0.458%
21	6.841	409	416	417	rBV3	906235	2419905	15.36%	0.773%
22	6.876	417	419	421	rVV3	1614607	2769191	17.58%	0.885%
23	6.910	421	422	424	rVB	4475875	4409717	27.99%	1.409%
24	6.944	424	425	427	rBV2	1623314	1953461	12.40%	0.624%
25	7.013	427	431	432	rBV4	1259792	2400303	15.23%	0.767%
26	7.036	432	433	436	rVV2	5088751	7072592	44.89%	2.260%
27	7.082	436	437	438	rVB	1407495	965542	6.13%	0.308%
28	7.127	438	441	443	rBV4	1475375	2988952	18.97%	0.955%
29	7.173	443	445	447	rVB	2186162	2587003	16.42%	0.827%
30	7.207	447	448	449	rVB	2615413	1792866	11.38%	0.573%
31	7.242	449	451	453	rBV2	926059	1108188	7.03%	0.354%
32	7.287	453	455	456	rBV2	3289474	2899250	18.40%	0.926%
33	7.322	456	458	460	rVB2	629211	916935	5.82%	0.293%
34	7.379	460	463	464	rBV3	672134	1063141	6.75%	0.340%

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35	7.436	464	468	475	rVB4	3605077	9354622	59.37%	2.989%
36	7.539	475	477	479	rVB2	1944295	2692793	17.09%	0.860%
37	7.573	479	480	481	rBV	681243	860880	5.46%	0.275%
38	7.607	481	483	485	rVB	1303217	1229772	7.80%	0.393%
39	7.653	485	487	488	rBV2	622947	776735	4.93%	0.248%
40	7.687	488	490	493	rVB3	1820161	3234642	20.53%	1.033%
41	7.813	496	501	504	rBV6	1368836	3336545	21.18%	1.066%
42	7.859	504	505	507	rVB2	905218	1124618	7.14%	0.359%
43	7.916	507	510	514	rBV3	963875	2725612	17.30%	0.871%
44	7.973	514	515	517	rBV2	382951	609506	3.87%	0.195%
45	8.042	519	521	522	rBV	434251	393621	2.50%	0.126%
46	8.076	522	524	526	rVB3	186944	296614	1.88%	0.095%
47	8.133	526	529	530	rBV2	853283	1244219	7.90%	0.398%
48	8.167	530	532	533	rBV	2052428	2424369	15.39%	0.775%
49	8.190	533	534	536	rVB	2320653	1721213	10.92%	0.550%
50	8.224	536	537	538	rBV	312835	379756	2.41%	0.121%
51	8.247	538	539	540	rVB	2526012	1732844	11.00%	0.554%
52	8.270	540	541	545	rVB3	714925	1426780	9.06%	0.456%
53	8.350	545	548	549	rBV2	530663	1160847	7.37%	0.371%
54	8.384	549	551	552	rBV2	297127	336496	2.14%	0.108%
55	8.476	555	559	562	rBV3	1535262	3757333	23.85%	1.200%
56	8.533	562	564	565	rVB	824469	1017980	6.46%	0.325%
57	8.567	565	567	569	rBV2	989548	1390312	8.82%	0.444%
58	8.613	569	571	575	rVB2	3230435	5274255	33.47%	1.685%
59	8.682	575	577	579	rBV2	950735	1089480	6.91%	0.348%
60	8.739	579	582	583	rBV3	1307795	1552694	9.85%	0.496%
61	8.773	583	585	586	rBV	982602	1217920	7.73%	0.389%
62	8.842	587	591	592	rBV3	667967	1469309	9.33%	0.469%
63	8.876	592	594	596	rVB2	2122683	2827245	17.94%	0.903%
64	8.933	596	599	600	rBV3	668849	985528	6.25%	0.315%
65	8.979	600	603	607	rBV4	1896427	3666697	23.27%	1.171%
66	9.093	607	613	616	rBV4	2829079	8159145	51.78%	2.607%
67	9.150	616	618	620	rBV3	482754	839468	5.33%	0.268%
68	9.219	620	624	625	rBV	4867262	6216617	39.45%	1.986%
69	9.253	625	627	629	rVB	4993892	4917022	31.21%	1.571%
70	9.367	629	637	638	rBV3	2505042	7495083	47.57%	2.395%
71	9.516	647	650	651	rBV	2519536	4054725	25.73%	1.295%

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72	9.596	654	657	658	rBV2	3255427	5457591	34.64%	1.744%
73	9.676	662	664	666	rVB	8311711	8367664	53.11%	2.673%
74	9.859	678	680	681	rBV	2214464	2384802	15.14%	0.762%
75	9.882	681	682	684	rBV	918310	1754568	11.14%	0.561%
76	9.928	684	686	688	rVV3	3429120	5519611	35.03%	1.763%
77	9.973	688	690	693	rVB4	1266343	2677510	16.99%	0.855%
78	10.110	700	702	704	rBV2	1691858	3180491	20.19%	1.016%
79	10.145	704	705	707	rVV2	2926375	3331554	21.14%	1.064%
80	10.213	710	711	713	rVB	5368125	4370616	27.74%	1.396%
81	10.259	713	715	716	rBV2	1579724	2075453	13.17%	0.663%
82	10.442	729	731	733	rVB3	2744543	3334773	21.16%	1.065%
83	10.488	733	735	739	rBV3	2193545	4744274	30.11%	1.516%
84	10.613	743	746	748	rBV	7984931	10944918	69.46%	3.497%
85	10.728	754	756	758	rVB3	4084444	4003784	25.41%	1.279%
86	10.888	766	770	773	rVB	10249438	15756243	100.00%	5.034%
87	11.196	795	797	800	rBV3	1667573	3244734	20.59%	1.037%
88	11.345	808	810	813	rVB	6526806	9988137	63.39%	3.191%
89	11.459	818	820	822	rBV	4889034	5729580	36.36%	1.831%
90	11.699	839	841	845	rVB	3254902	4688614	29.76%	1.498%
91	12.053	869	872	877	rVB4	2432119	6561615	41.64%	2.096%
92	12.431	903	905	908	rBV2	1697647	2844539	18.05%	0.909%
93	12.499	909	911	913	rBV	1569558	2515549	15.97%	0.804%
94	12.671	924	926	929	rVB	2583572	2992191	18.99%	0.956%
95	12.876	942	944	948	rVB2	2996254	4396868	27.91%	1.405%
96	13.025	955	957	961	rVB	2929225	4159240	26.40%	1.329%
97	14.065	1046	1048	1054	rVB2	2094644	4380975	27.80%	1.400%
98	15.402	1163	1165	1167	rBV	629564	752323	4.77%	0.240%
99	15.459	1168	1170	1174	rVV	1030223	1473391	9.35%	0.471%
100	15.528	1174	1176	1177	rVB	587735	619391	3.93%	0.198%

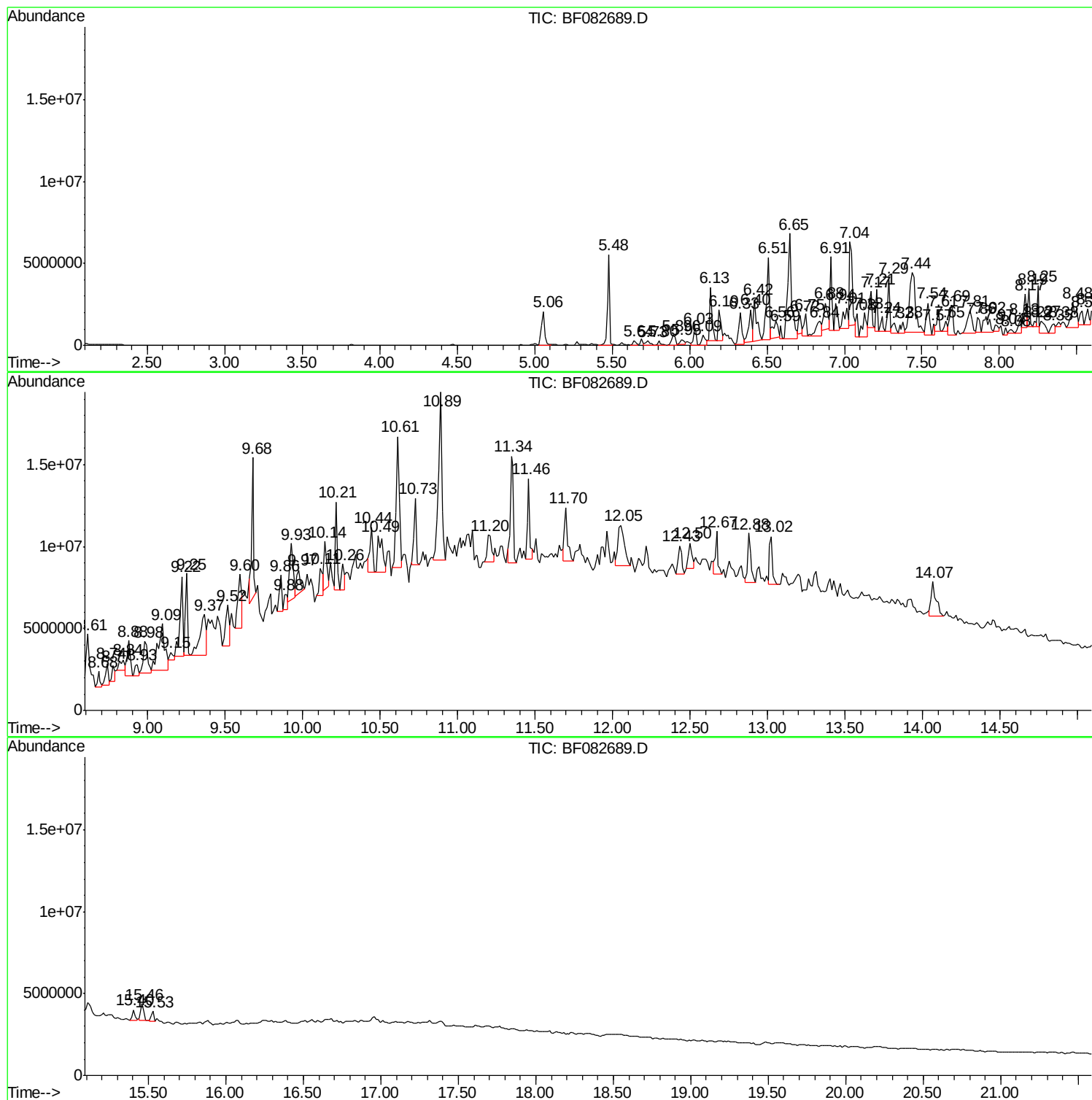
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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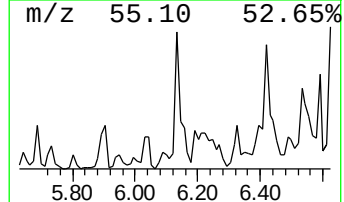
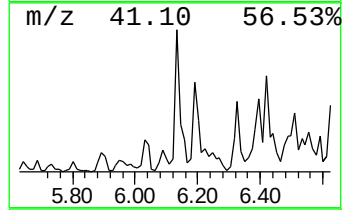
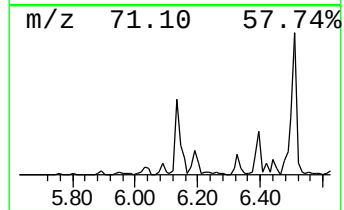
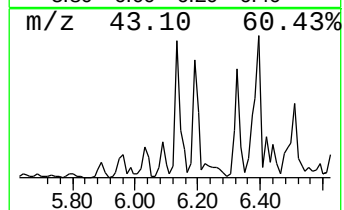
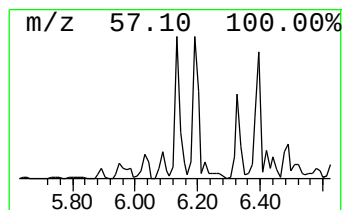
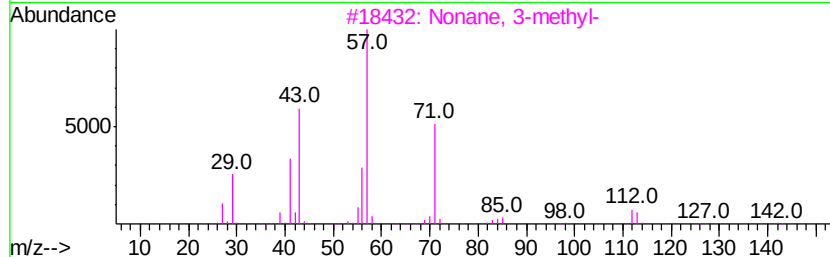
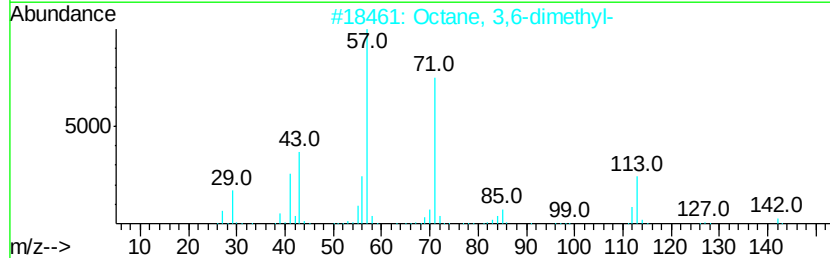
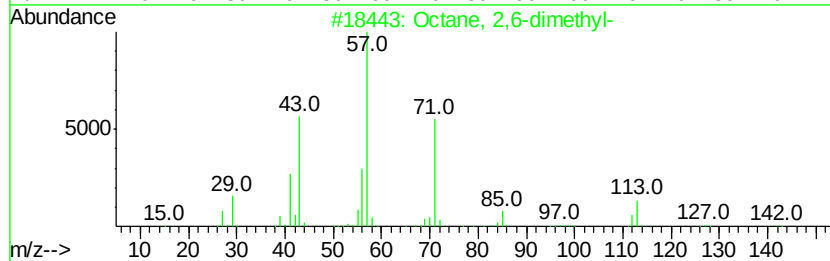
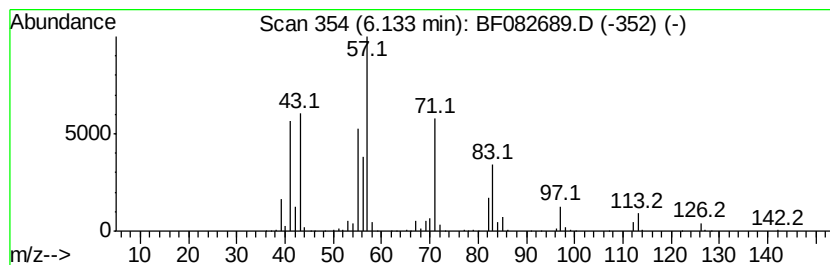
Instrument :
BNA_F
ClientSampled :
TP-17(3)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	25.09 ng	3473440	1,4-Dichlorobenzene-d4	6.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octane, 2,6-dimethyl-	142 C10H22	002051-30-1 68
2		Octane, 3,6-dimethyl-	142 C10H22	015869-94-0 52
3		Nonane, 3-methyl-	142 C10H22	005911-04-6 47
4		Decane, 2,6,7-trimethyl-	184 C13H28	062108-25-2 47
5		Octane, 2,3,6-trimethyl-	156 C11H24	062016-33-5 43



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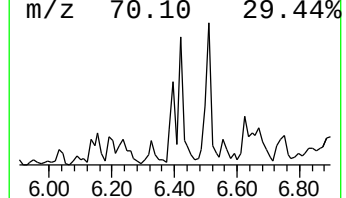
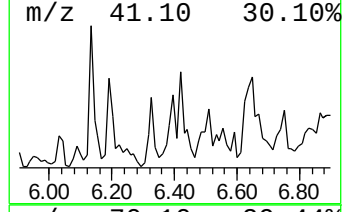
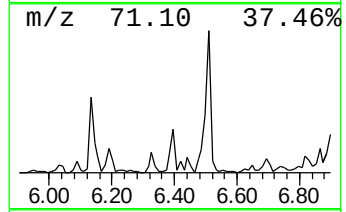
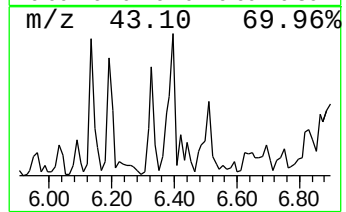
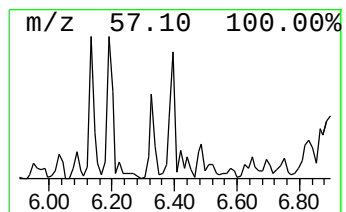
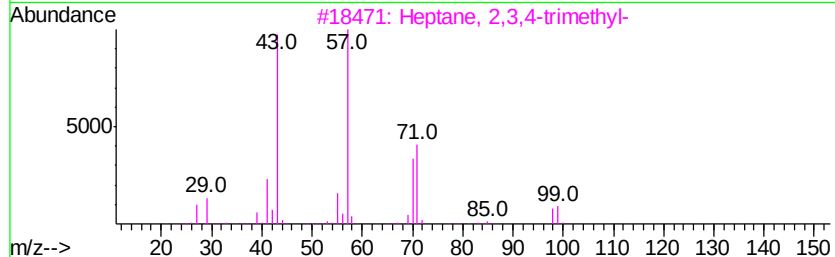
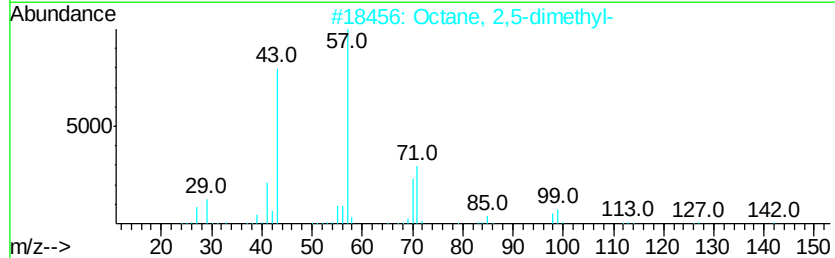
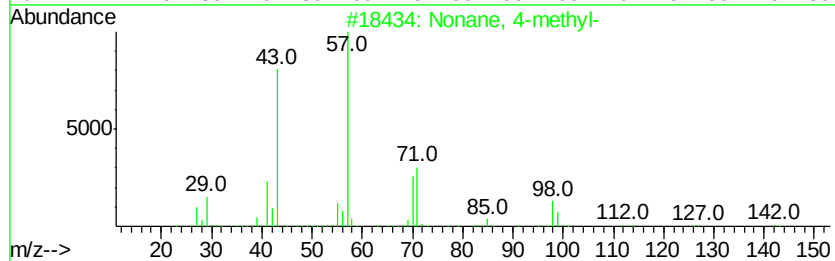
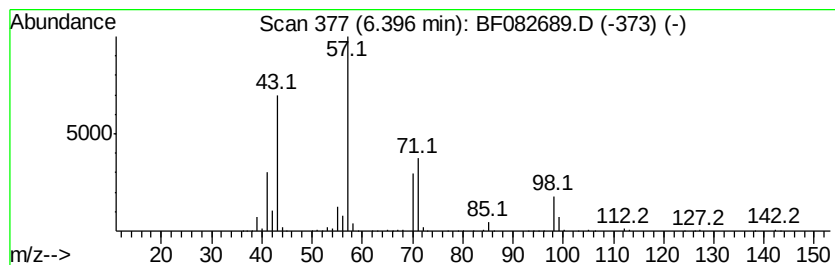
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Nonane, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	22.33 ng	3092110	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	90
3		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	72
4		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
5		Hexadecane	226	C16H34	000544-76-3	53



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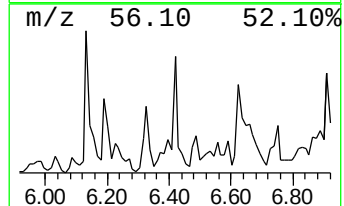
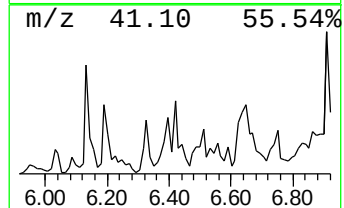
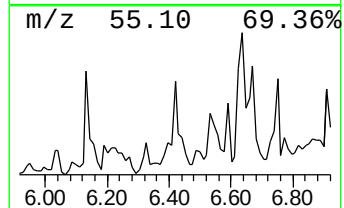
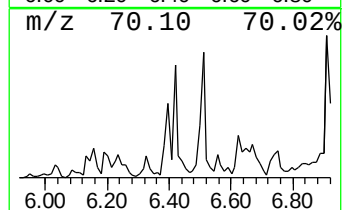
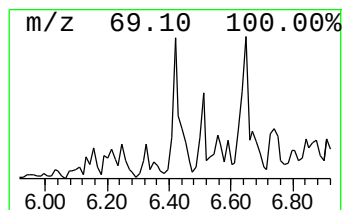
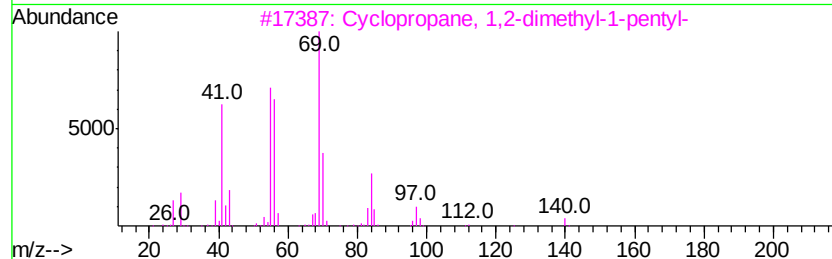
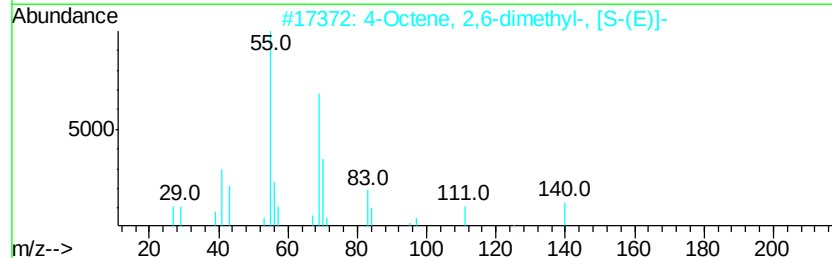
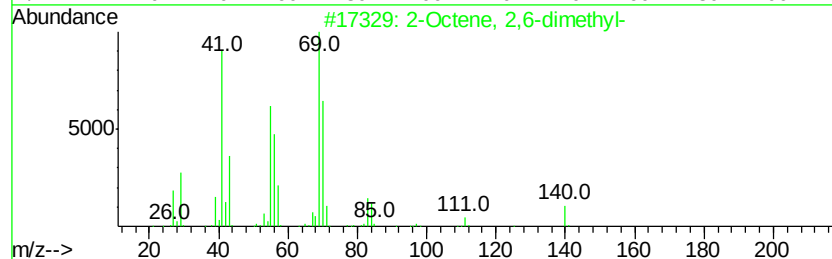
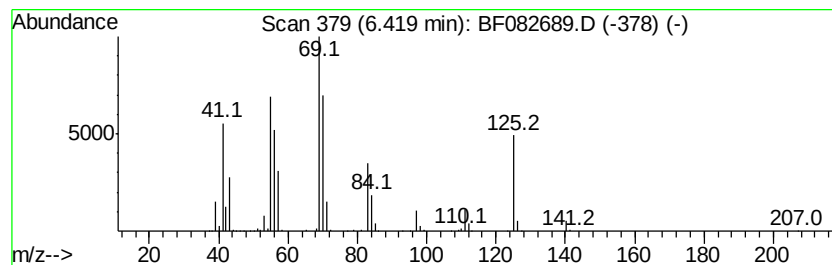
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Octene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	25.26 ng	3498040	1,4-Dichlorobenzene-d4	6.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Octene, 2,6-dimethyl-	140 C10H20	004057-42-5	64
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140 C10H20	062960-76-3	53
3	Cyclopropane, 1,2-dimethyl-1-pen...	140 C10H20	062238-04-4	49
4	Cyclohexane, 1,1,2,3-tetramethyl-	140 C10H20	006783-92-2	46
5	1-Decene	140 C10H20	000872-05-9	43



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ClientSampleId :
TP-17(3)

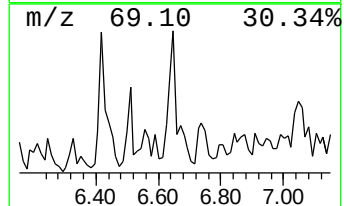
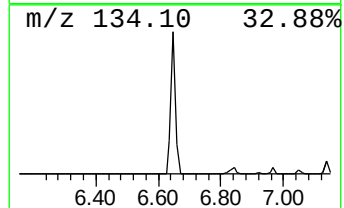
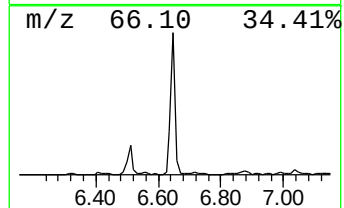
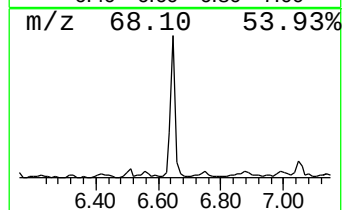
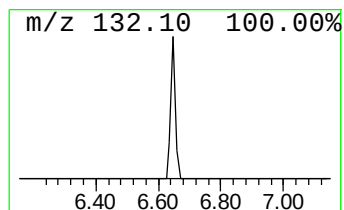
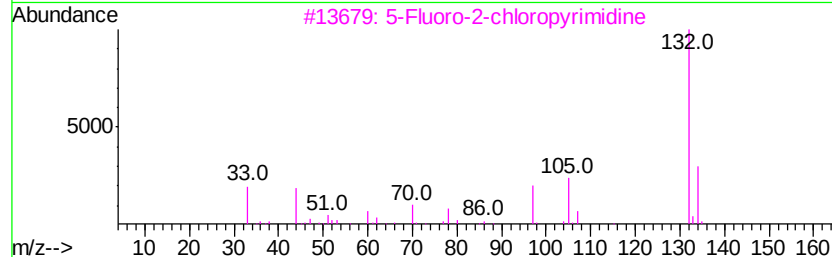
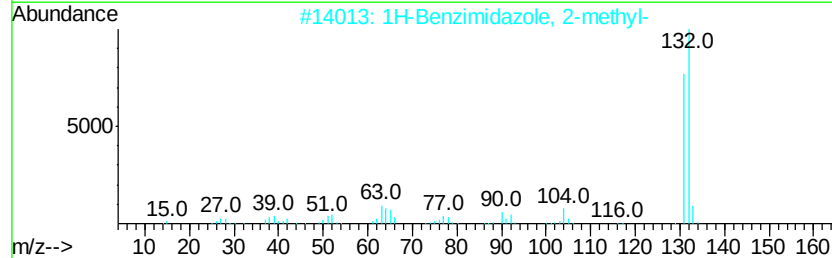
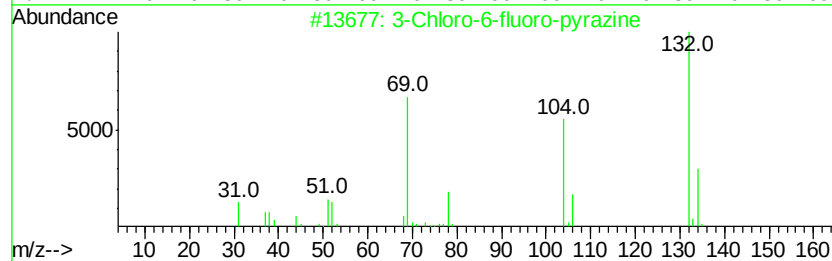
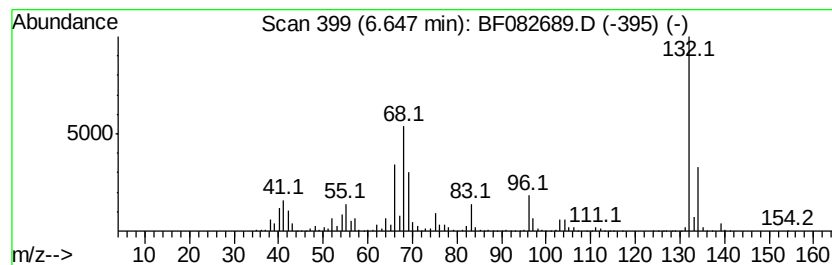
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	79.85 ng	11055700	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-			132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one			96	C6H8O	000930-68-7	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE			132	C8H8N2	1000241-93-9	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082689.D
Acq On : 4 Nov 2015 7:44
Operator : UM/IZ
Sample : G4241-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

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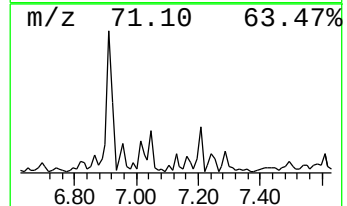
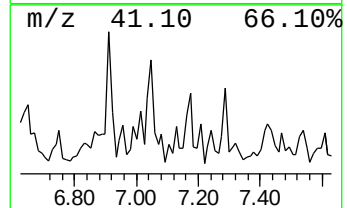
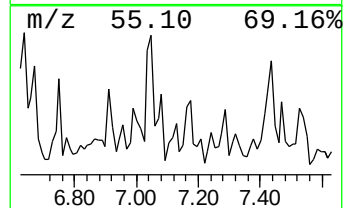
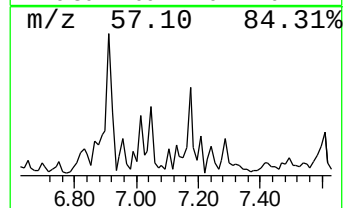
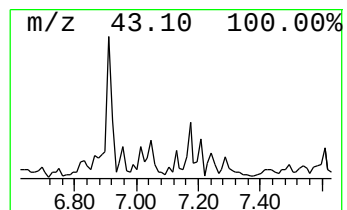
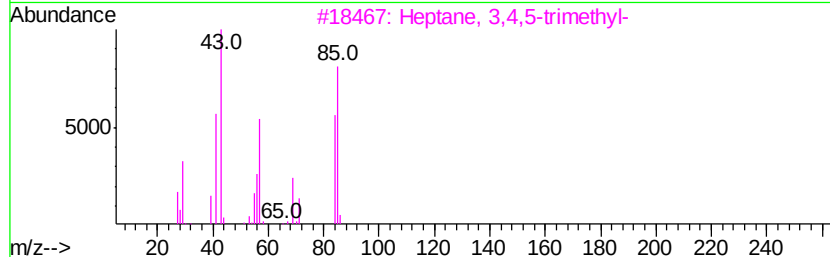
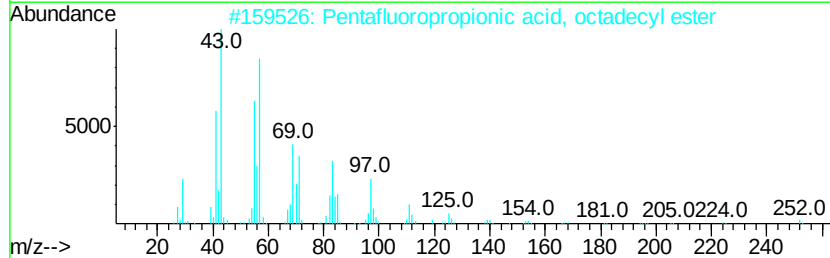
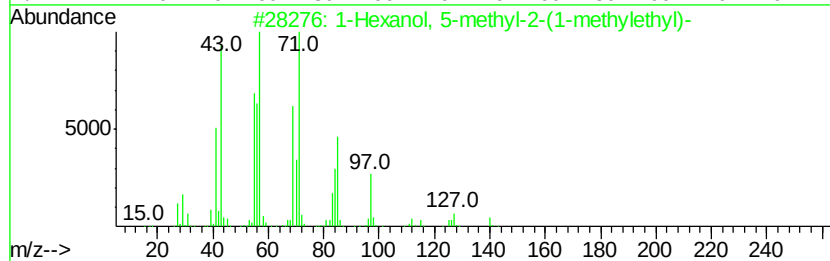
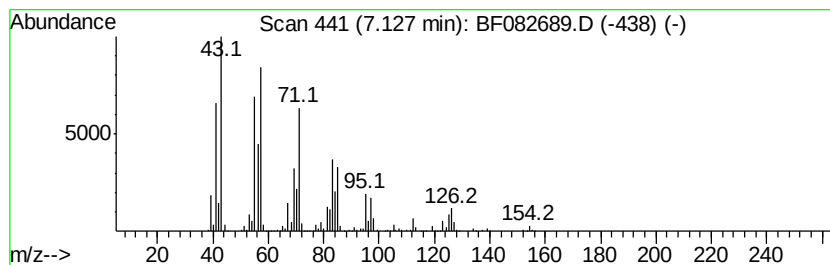
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Hexanol, 5-methyl-2-(1-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	21.59 ng	2988950	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	72
2			Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	1000280-07-7	49
3			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	43
4			Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	43
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082689.D
Acq On : 4 Nov 2015 7:44
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Misc :
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ClientSampleId :
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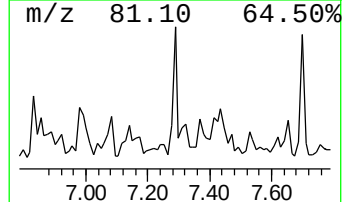
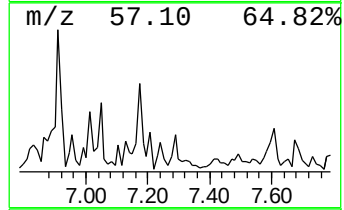
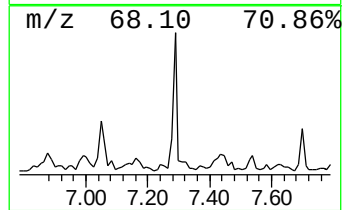
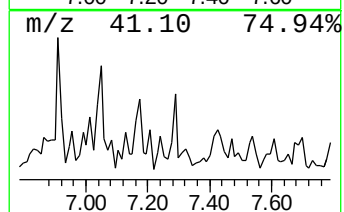
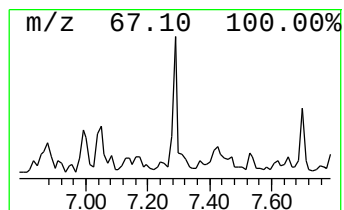
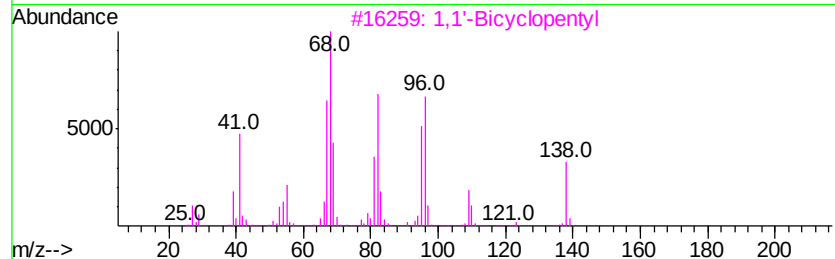
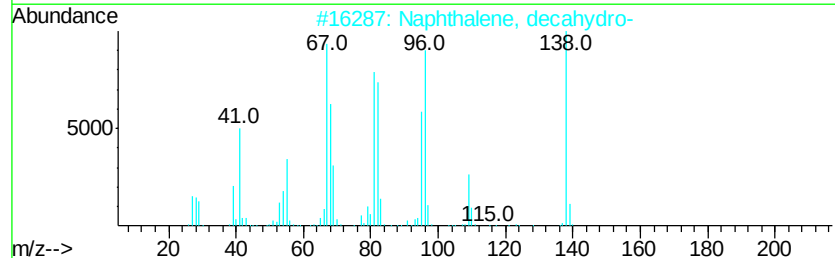
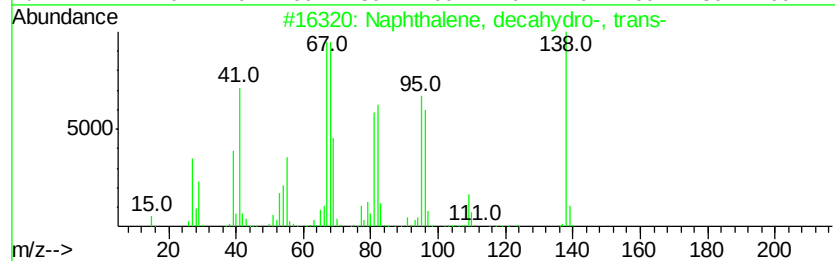
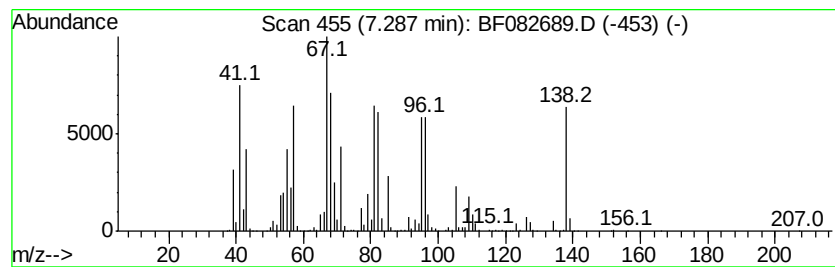
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, decahydro-, tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	20.94 ng	2899250	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	83
3		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	60
4		Cyclodecene	138	C10H18	003618-12-0	58
5		Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082689.D
Acq On : 4 Nov 2015 7:44
Operator : UM/IZ
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Misc :
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ClientSampleId :
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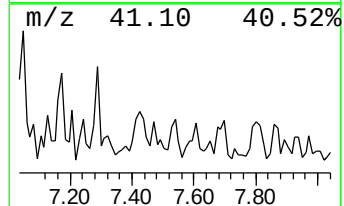
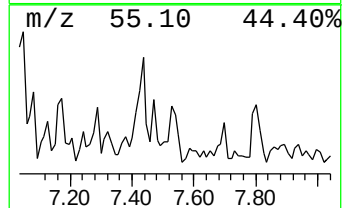
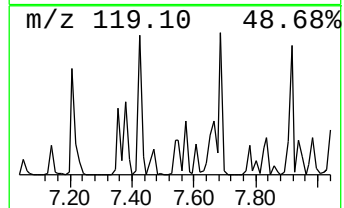
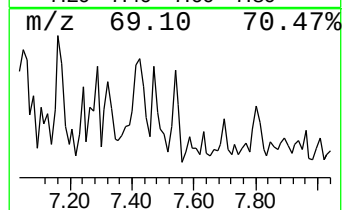
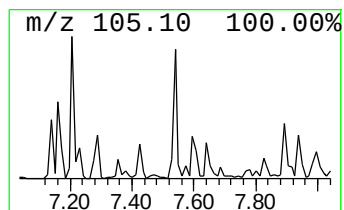
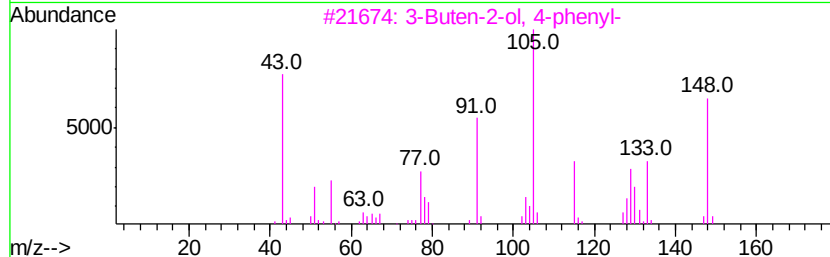
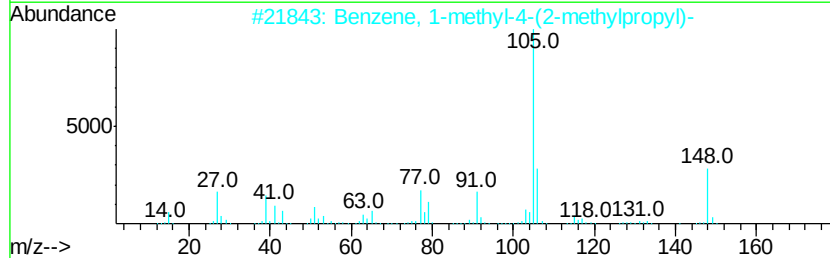
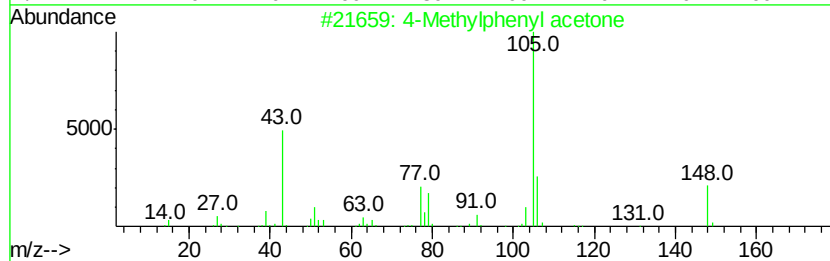
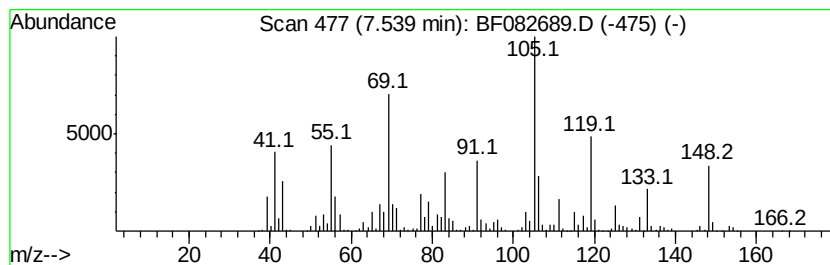
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown7.54 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	22.21 ng	2692790	Napthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methylphenyl acetone	148	C10H12O	002096-86-8	46
2		Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	41
3		3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	38
4		Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	25
5		Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
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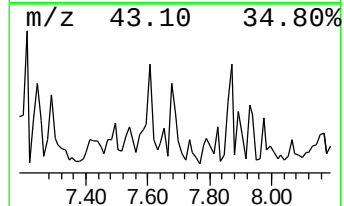
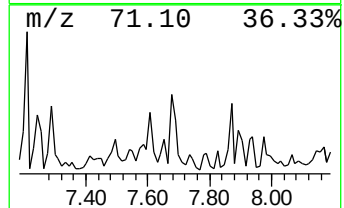
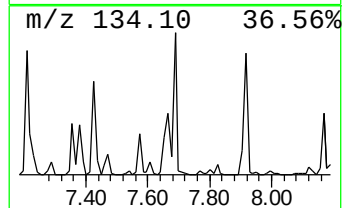
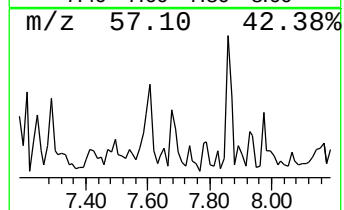
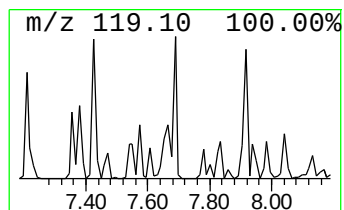
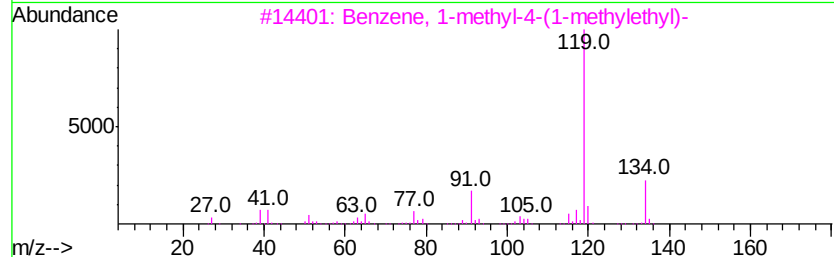
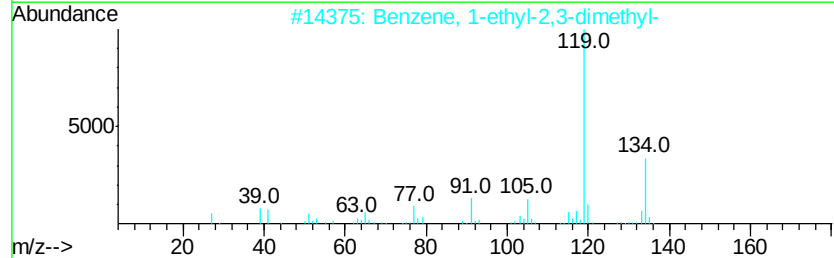
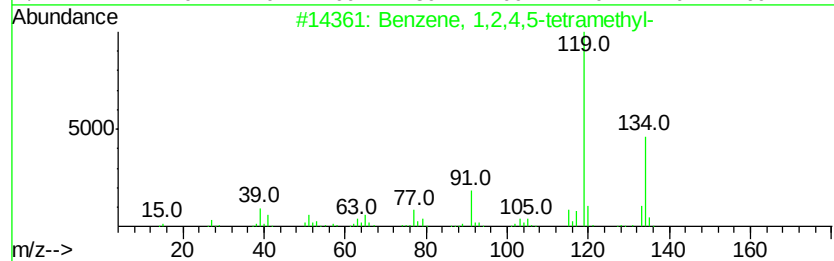
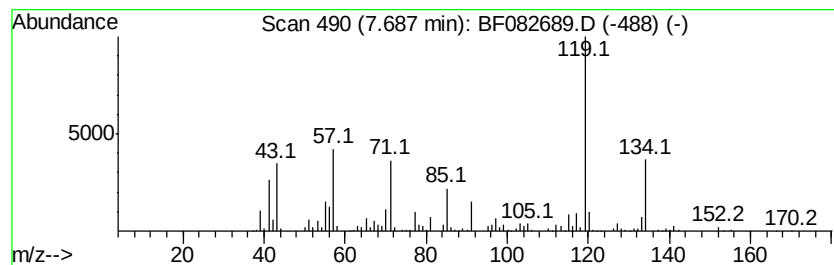
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	26.68 ng	3234640	Napthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	92
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
3		Benzene, 1-methyl-4-(1-methylethyl)-	134	C10H14	000099-87-6	70
4		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	70
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082689.D
Acq On : 4 Nov 2015 7:44
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ClientSampleId :
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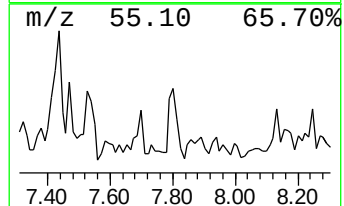
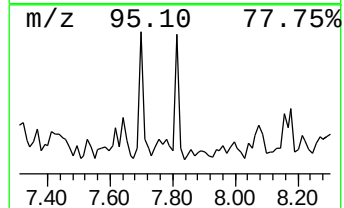
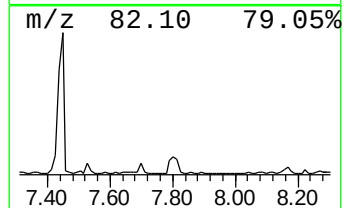
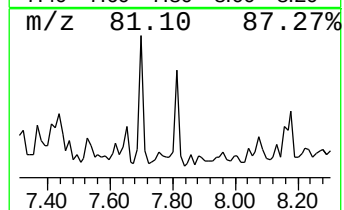
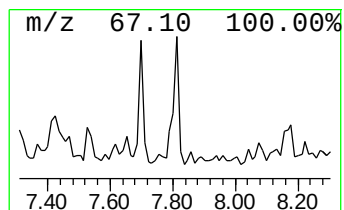
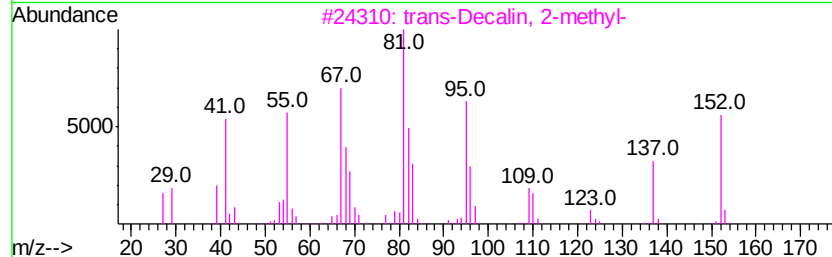
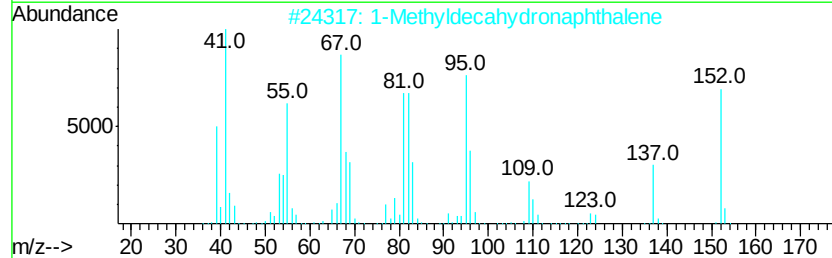
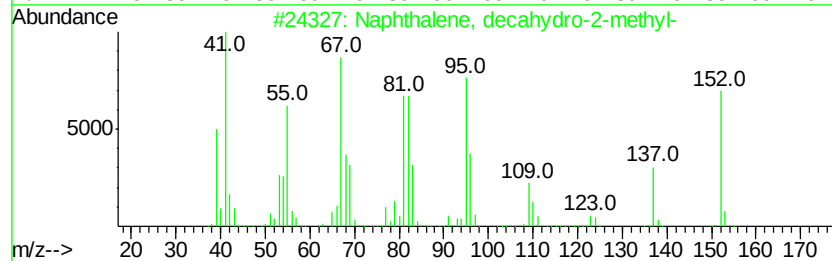
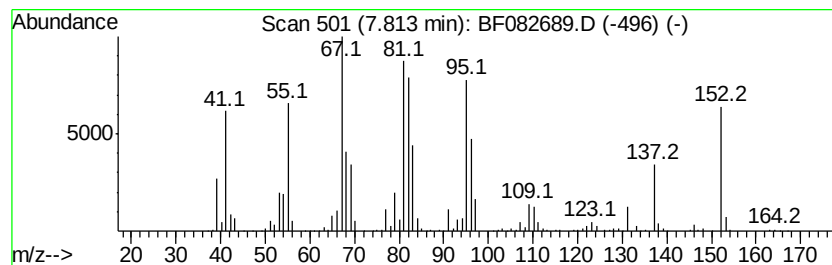
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	27.53 ng	3336550	Naphthalene-d8	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	93
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
4			1,13-Tetradecadiene	194	C14H26	021964-49-8	52
5			1-Pentadecyne	208	C15H28	000765-13-9	52



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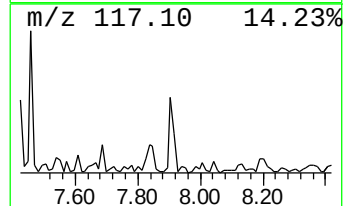
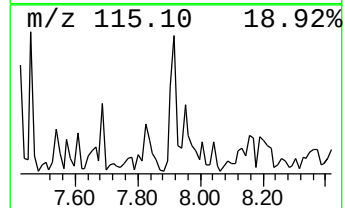
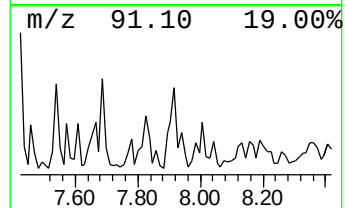
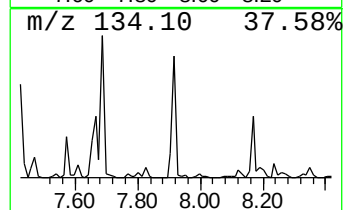
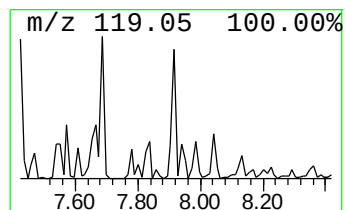
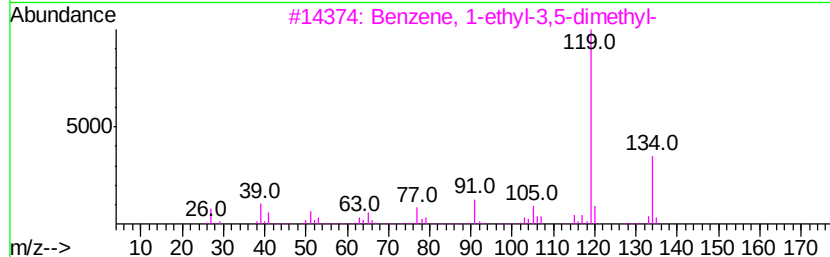
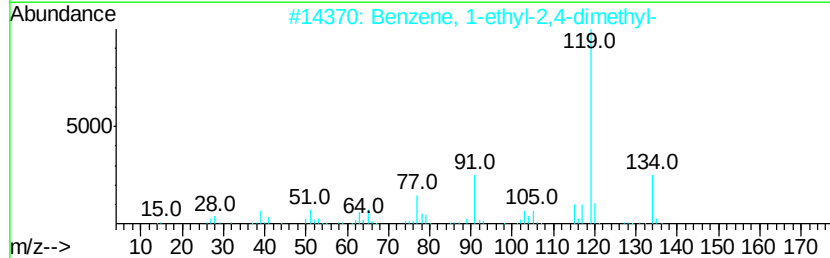
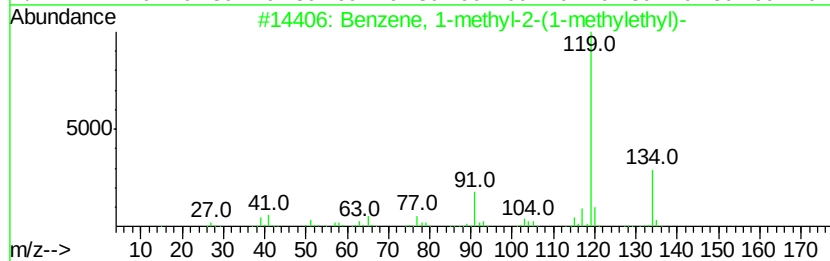
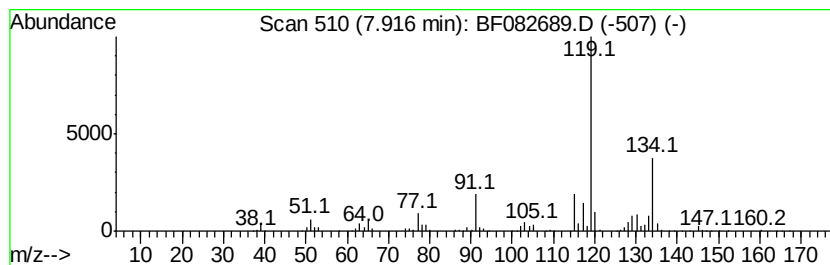
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-methyl-2-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	22.49 ng	2725610	Napthalene-d8	8.17

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-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082689.D
Acq On : 4 Nov 2015 7:44
Operator : UM/IZ
Sample : G4241-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17(3)

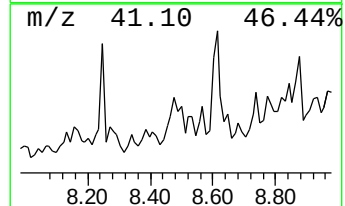
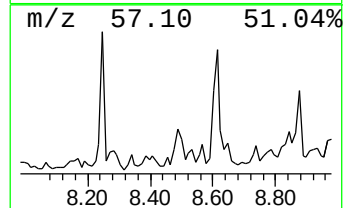
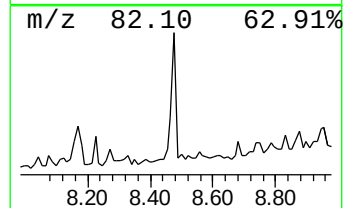
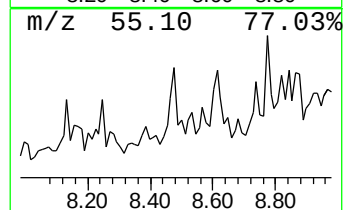
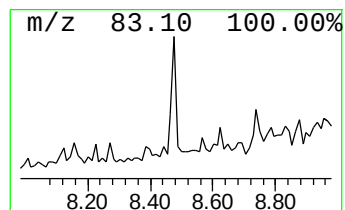
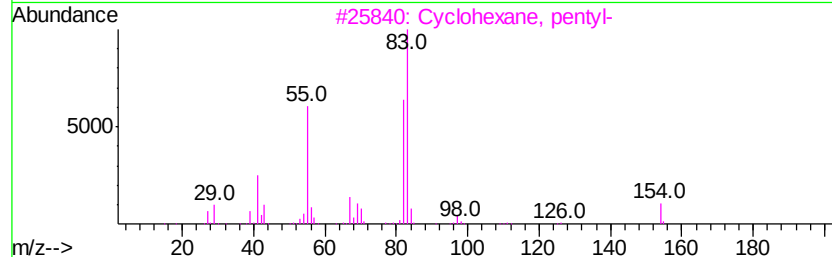
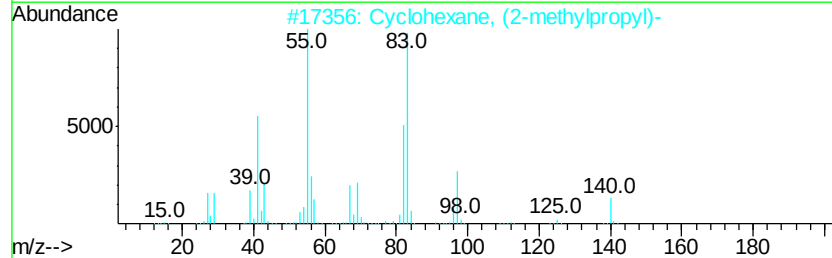
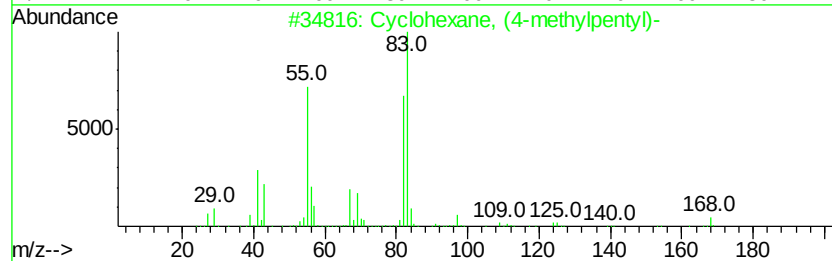
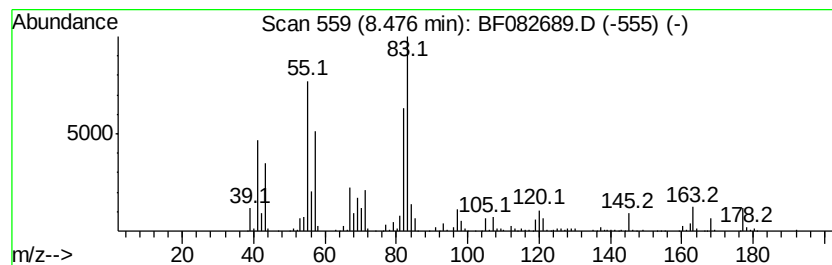
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexane, (4-methylpentyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	31.00 ng	3757330	Napthalene-d8	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	76
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5			n-Amylcyclohexane	154	C11H22	029949-27-7	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082689.D
Acq On : 4 Nov 2015 7:44
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Misc :
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ClientSampleId :
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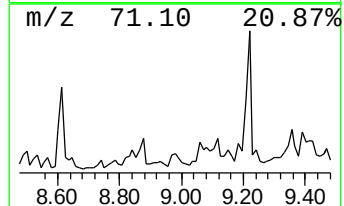
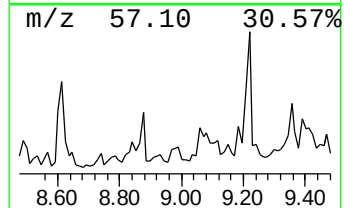
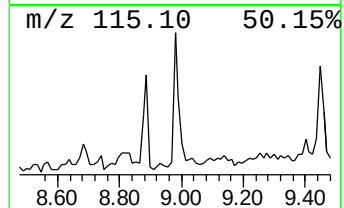
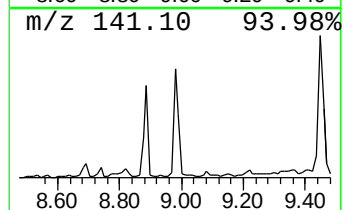
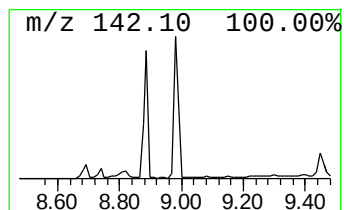
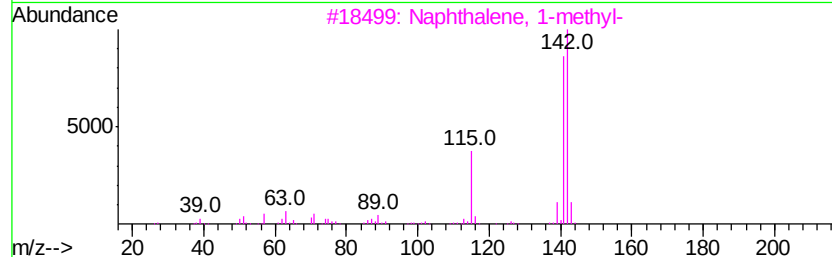
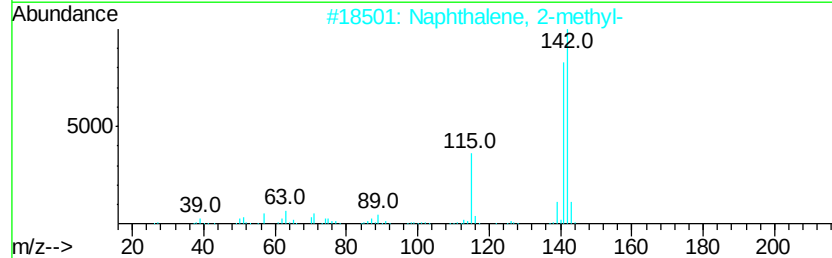
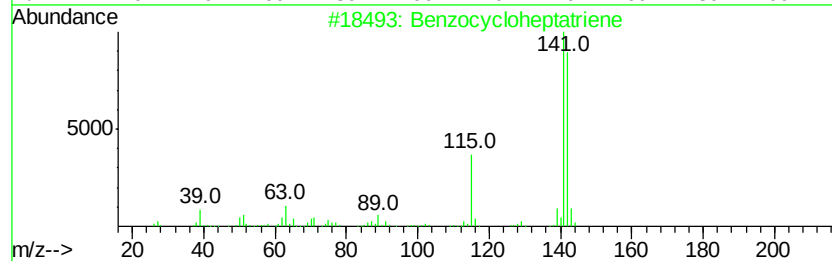
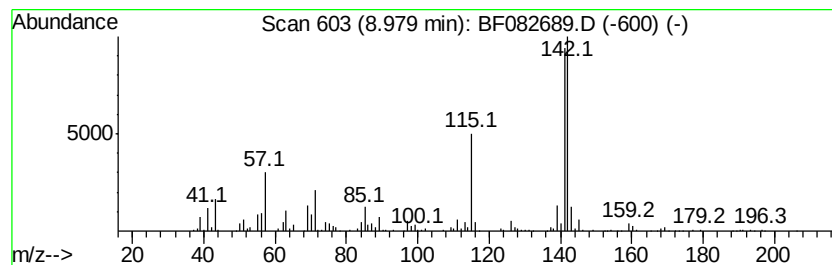
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzocycloheptatriene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	30.25 ng	3666700	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzocycloheptatriene	142	C11H10	000264-09-5	95
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
4		1(2H)-Naphthalenone, 8a-chlorooc...	186	C10H15ClO	090972-97-7	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
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Operator : UM/IZ
Sample : G4241-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

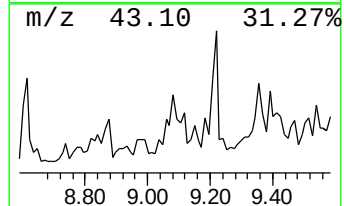
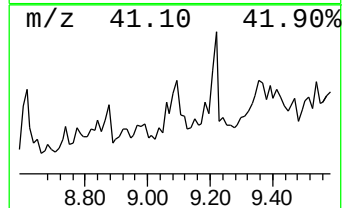
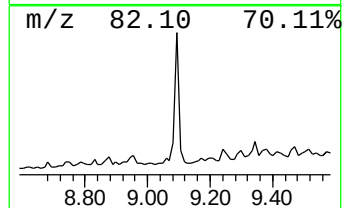
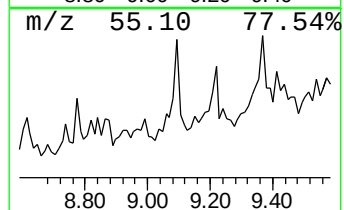
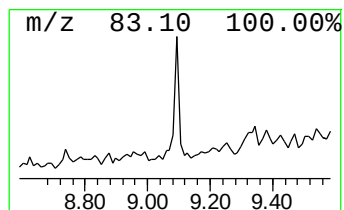
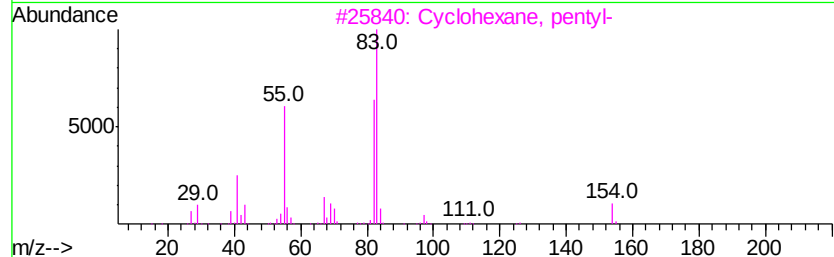
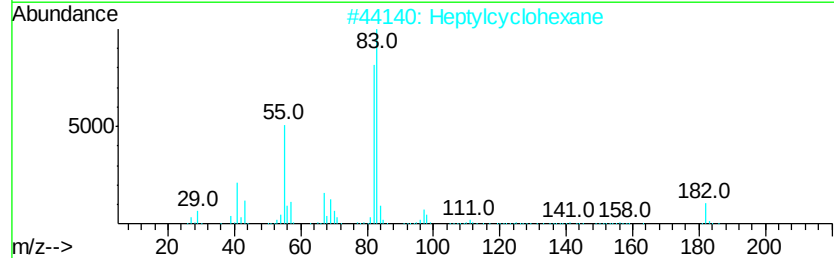
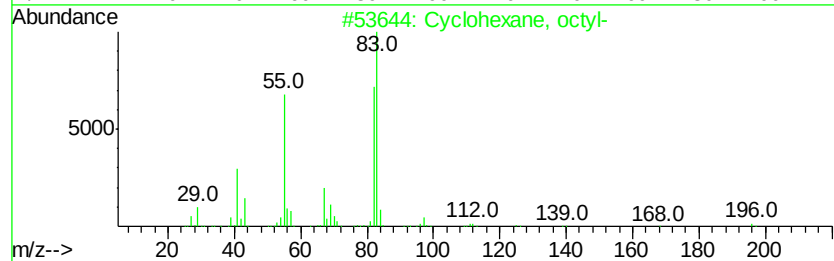
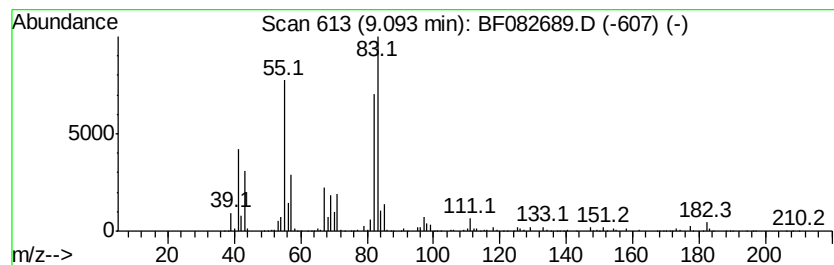
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclohexane, octyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	29.56 ng	8159150	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, octyl-	196 C14H28	001795-15-9 93
2		Heptylcyclohexane	182 C13H26	005617-41-4 90
3		Cyclohexane, pentyl-	154 C11H22	004292-92-6 87
4		n-Amylcyclohexane	154 C11H22	029949-27-7 83
5		Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7 72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082689.D
Acq On : 4 Nov 2015 7:44
Operator : UM/IZ
Sample : G4241-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

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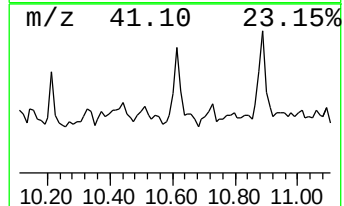
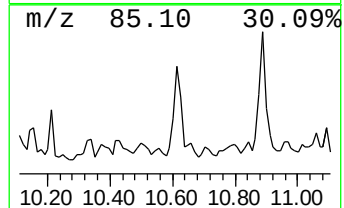
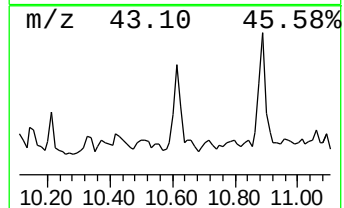
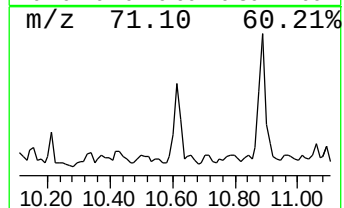
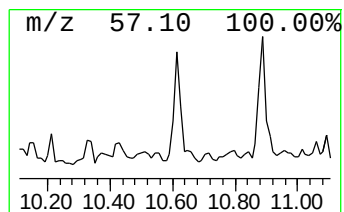
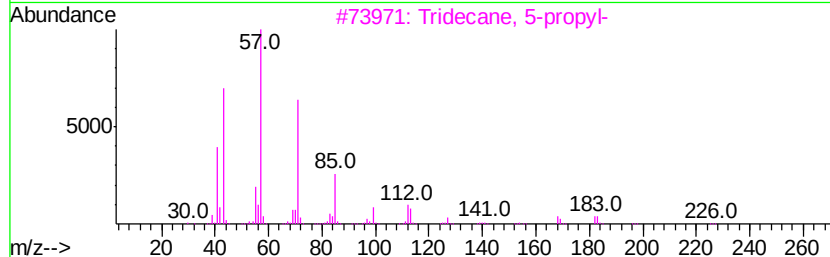
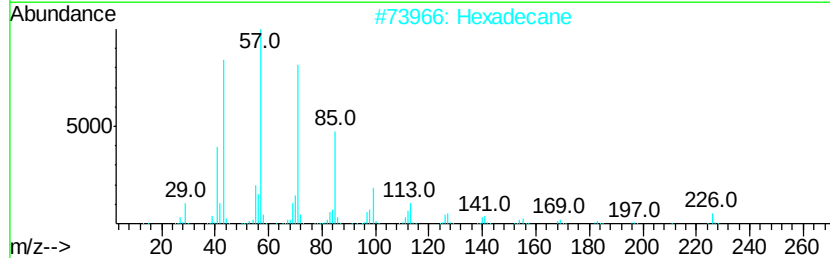
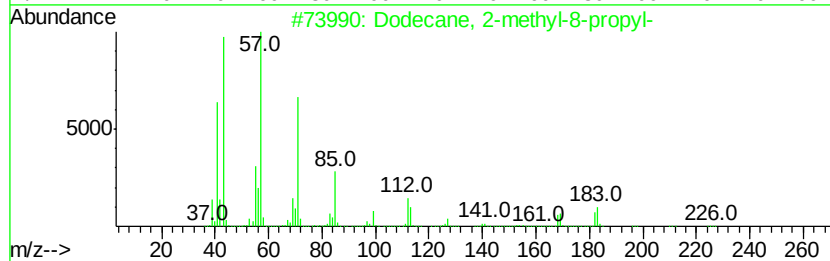
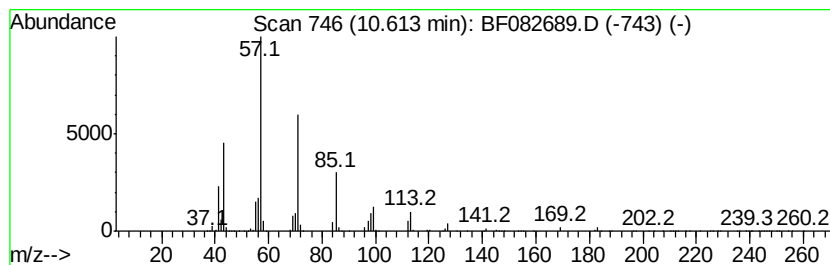
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 2-methyl-8-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	39.66 ng	10944900	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	87
2		Hexadecane	226	C16H34	000544-76-3	87
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
4		Heptacosane	380	C27H56	000593-49-7	86
5		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
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Acq On : 4 Nov 2015 7:44
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Misc :
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ClientSampleId :
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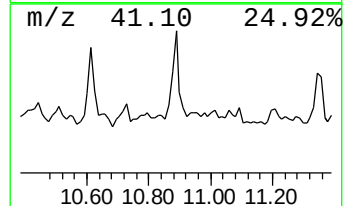
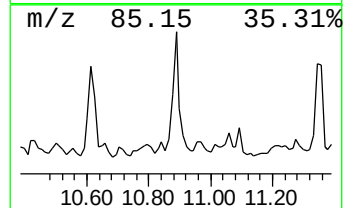
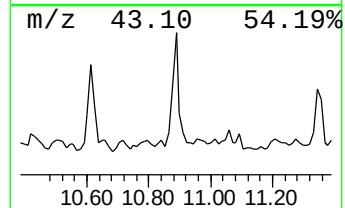
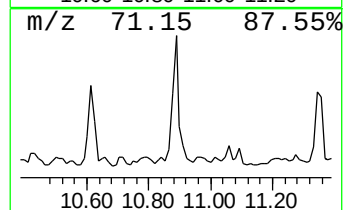
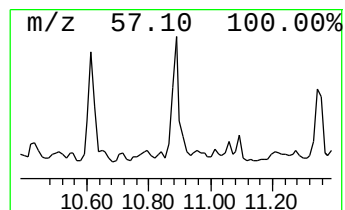
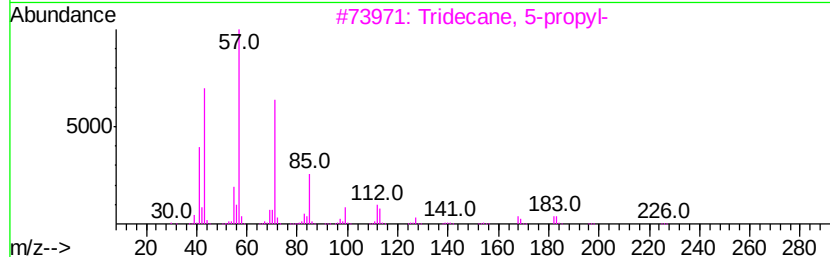
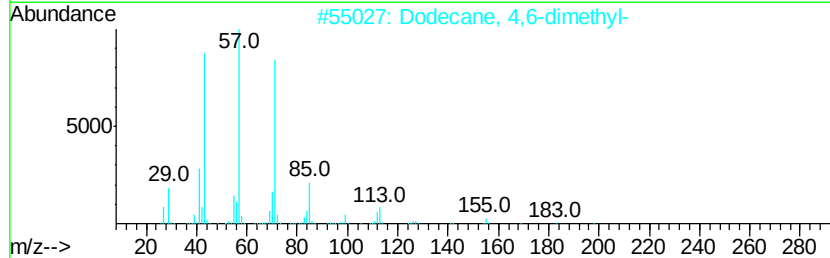
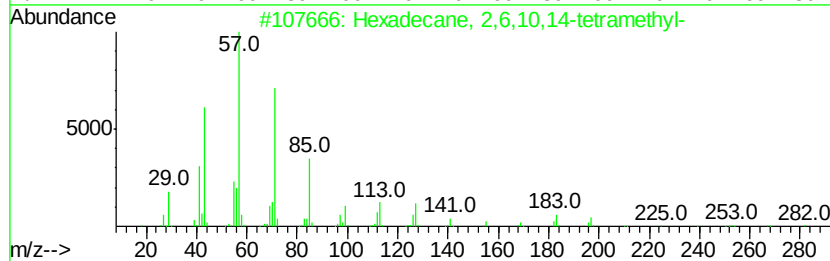
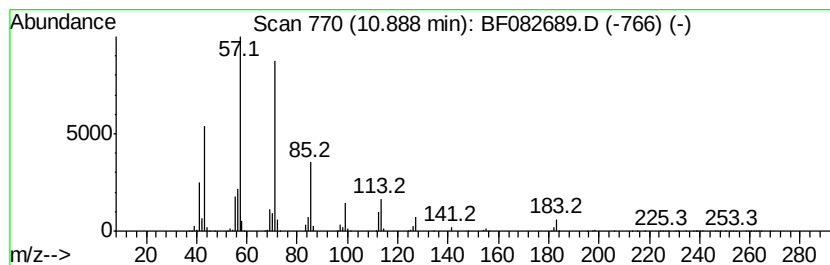
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	55.00 ng	15756200	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
4		Tridecane, 4-methyl-	198	C14H30	026730-12-1	76
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082689.D
Acq On : 4 Nov 2015 7:44
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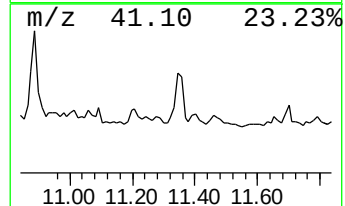
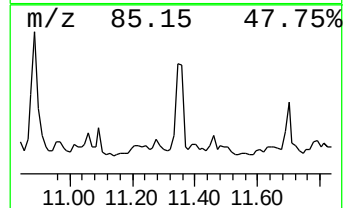
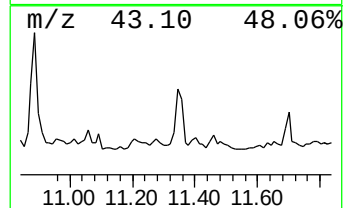
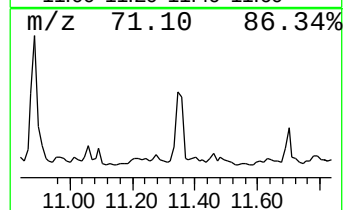
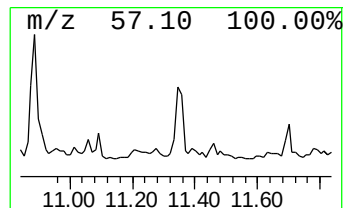
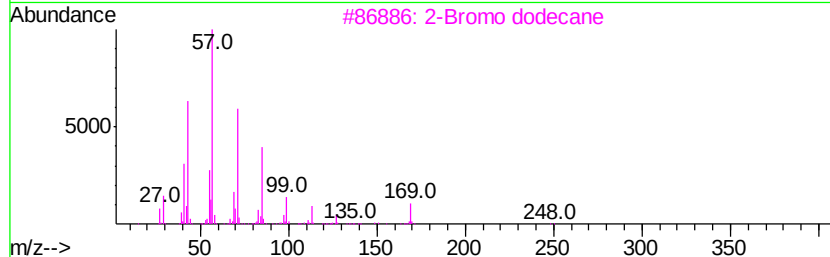
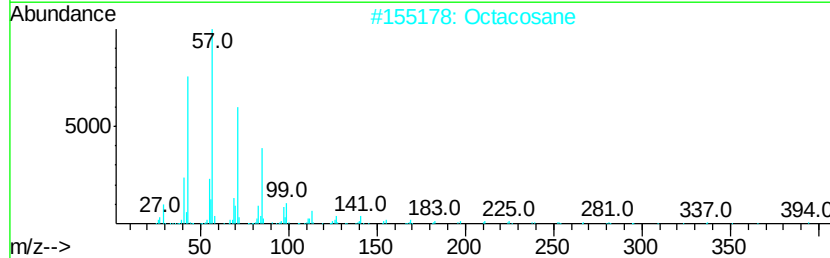
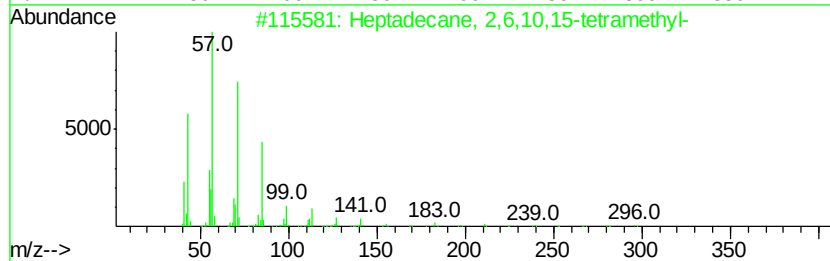
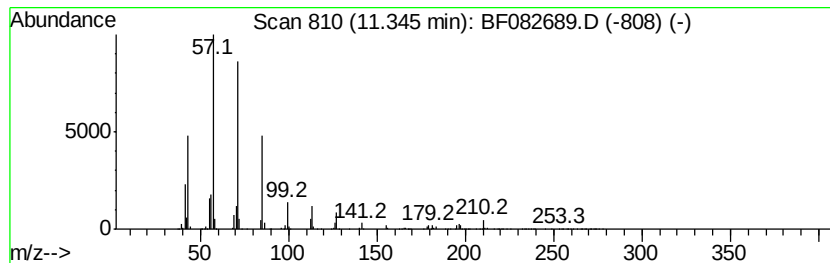
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	34.87 ng	9988140	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Octacosane	394	C28H58	000630-02-4	86
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	78
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
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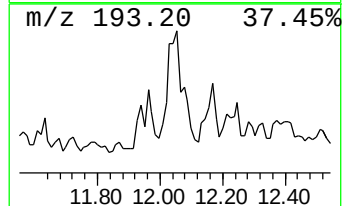
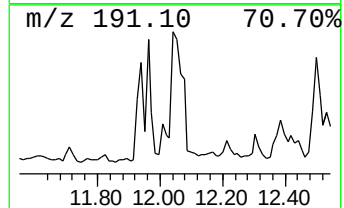
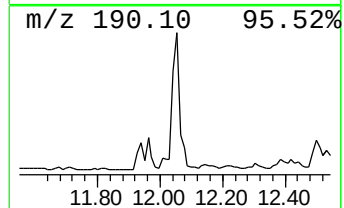
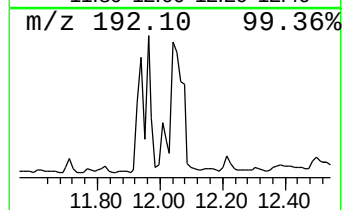
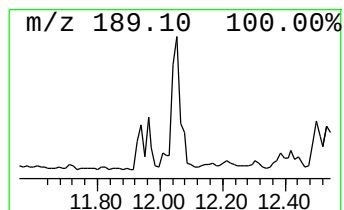
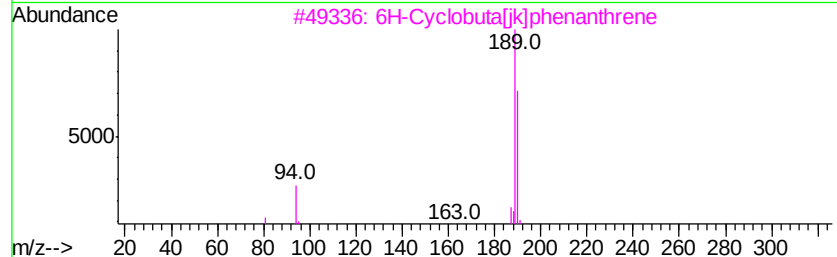
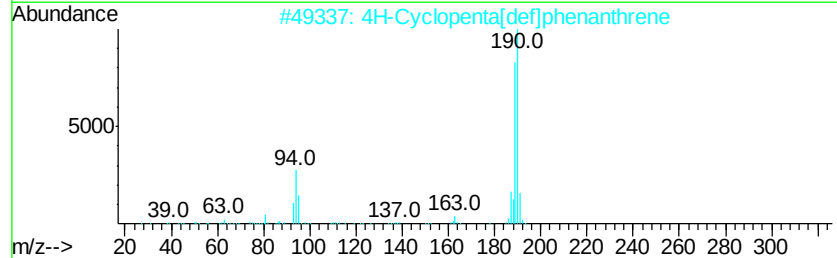
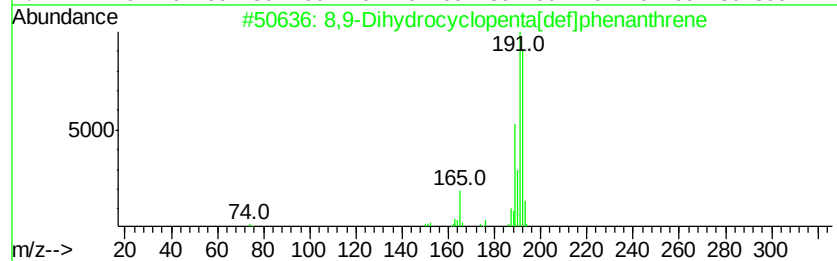
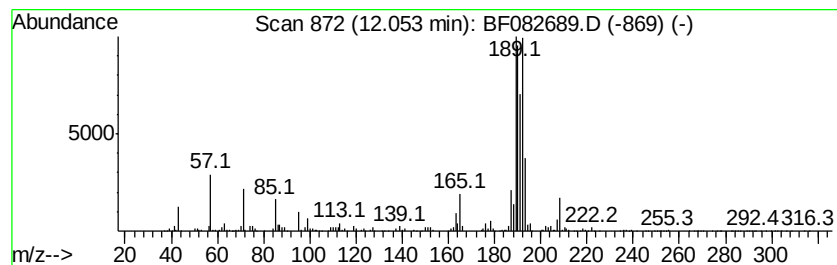
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown12.05 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.05	22.90 ng	6561620	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	46
4	1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
 Data File : BF082689.D
 Acq On : 4 Nov 2015 7:44
 Operator : UM/IZ
 Sample : G4241-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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
Octane, 2,6-dimet...	6.13	25.1	ng	3473440	1	6.88	2769190	20.0
Nonane, 4-methyl-	6.40	22.3	ng	3092110	1	6.88	2769190	20.0
2-Octene, 2,6-dim...	6.42	25.3	ng	3498040	1	6.88	2769190	20.0
unknown6.65	6.65	79.8	ng	11055700	1	6.88	2769190	20.0
1-Hexanol, 5-meth...	7.13	21.6	ng	2988950	1	6.88	2769190	20.0
Naphthalene, deca...	7.29	20.9	ng	2899250	1	6.88	2769190	20.0
unknown7.54	7.54	22.2	ng	2692790	2	8.17	2424370	20.0
Benzene, 1,2,4,5-...	7.69	26.7	ng	3234640	2	8.17	2424370	20.0
Naphthalene, deca...	7.81	27.5	ng	3336550	2	8.17	2424370	20.0
Benzene, 1-methyl...	7.92	22.5	ng	2725610	2	8.17	2424370	20.0
Cyclohexane, (4-m...	8.48	31.0	ng	3757330	2	8.17	2424370	20.0
Benzocycloheptatr...	8.98	30.3	ng	3666700	2	8.17	2424370	20.0
Cyclohexane, octyl-	9.09	29.6	ng	8159150	3	9.93	5519610	20.0
Dodecane, 2-methy...	10.61	39.7	ng	10944900	3	9.93	5519610	20.0
Hexadecane, 2,6,1...	10.89	55.0	ng	15756200	4	11.42	5729580	20.0
Heptadecane, 2,6,...	11.34	34.9	ng	9988140	4	11.42	5729580	20.0
unknown12.05	12.05	22.9	ng	6561620	4	11.42	5729580	20.0