

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083221.D
 Acq On : 23 Nov 2015 23:35
 Operator : UM/IZ
 Sample : G4426-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

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

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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	3.187	92	105	111	rBV	307968	1202685	1.87%	0.103%
2	3.370	111	121	125	rBV2	904994	3805571	5.91%	0.325%
3	3.553	131	137	144	rVB2	857722	2933802	4.56%	0.251%
4	3.724	144	152	155	rBV	2655730	6281429	9.76%	0.537%
5	3.781	155	157	161	rVB	1225710	1958879	3.04%	0.167%
6	3.895	161	167	170	rBV2	697893	1917551	2.98%	0.164%
7	3.964	170	173	177	rVB	938851	2077363	3.23%	0.178%
8	4.136	182	188	193	rVB2	5249837	11434460	17.76%	0.978%
9	4.250	193	198	201	rBV	1793788	3114762	4.84%	0.266%
10	4.444	211	215	217	rBV2	959665	2079149	3.23%	0.178%
11	4.501	217	220	225	rBV	2307222	4825817	7.49%	0.413%
12	4.627	225	231	234	rVV	6947710	15900909	24.70%	1.359%
13	4.718	234	239	241	rVV2	11453568	22550721	35.02%	1.928%
14	4.787	241	245	247	rVV2	10813923	19363880	30.07%	1.655%
15	4.856	250	251	253	rVV2	2732869	3416422	5.31%	0.292%
16	4.924	253	257	260	rVV	4099054	7158088	11.12%	0.612%
17	5.004	260	264	266	rVV2	10763384	21130643	32.82%	1.806%
18	5.061	266	269	271	rVV3	5196035	11028191	17.13%	0.943%
19	5.107	271	273	274	rVV	3971333	5954436	9.25%	0.509%
20	5.141	274	276	278	rVV	4799611	7355395	11.42%	0.629%
21	5.187	278	280	281	rVV	8740696	11804013	18.33%	1.009%
22	5.221	281	283	285	rVV2	8484031	13266812	20.60%	1.134%
23	5.256	285	286	288	rVV	5283611	6215882	9.65%	0.531%
24	5.301	288	290	293	rVV2	7201965	10123792	15.72%	0.865%
25	5.347	293	294	295	rVV	1905548	1802538	2.80%	0.154%
26	5.393	295	298	300	rVV	10357326	18453034	28.66%	1.578%
27	5.450	300	303	304	rVV	11134712	18261701	28.36%	1.561%
28	5.484	304	306	310	rVV2	10228972	16808964	26.11%	1.437%
29	5.553	310	312	315	rVV	8350387	11840786	18.39%	1.012%
30	5.656	316	321	323	rVV3	12965291	26852747	41.70%	2.296%
31	5.736	323	328	331	rVV3	7753959	26589452	41.30%	2.273%
32	5.804	331	334	337	rVV3	15328342	33418028	51.90%	2.857%
33	5.873	337	340	341	rVV2	9140138	17958690	27.89%	1.535%
34	5.919	341	344	347	rVV4	18193331	52616937	81.72%	4.498%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.999	347	351	354	rVV2	16776498	49716824	77.21%	4.250%
36	6.124	357	362	364	rVV2	13729460	36112030	56.08%	3.087%
37	6.193	364	368	373	rVV5	17385310	64388492	100.00%	5.505%
38	6.273	373	375	377	rVV2	12308412	21399680	33.24%	1.829%
39	6.330	377	380	383	rVV4	12592480	34114100	52.98%	2.916%
40	6.376	383	384	385	rVV	7128864	6911447	10.73%	0.591%
41	6.444	385	390	393	rVV5	12619194	49523940	76.91%	4.234%
42	6.524	393	397	399	rVV3	9453813	27276987	42.36%	2.332%
43	6.661	402	409	410	rVV7	7664167	37111748	57.64%	3.173%
44	6.707	410	413	414	rVV	14205403	27333286	42.45%	2.337%
45	6.741	414	416	417	rVV2	6632191	12909386	20.05%	1.104%
46	6.822	420	423	427	rVV4	13766761	39525246	61.39%	3.379%
47	6.913	427	431	432	rVV3	6506712	16431722	25.52%	1.405%
48	6.959	432	435	436	rVV3	8505734	18231976	28.32%	1.559%
49	6.993	436	438	439	rVV	7941642	11559532	17.95%	0.988%
50	7.016	439	440	442	rVV	6416291	10940058	16.99%	0.935%
51	7.062	442	444	450	rVV3	11184284	27399247	42.55%	2.342%
52	7.210	453	457	464	rVV6	8506865	38676219	60.07%	3.306%
53	7.313	464	466	468	rVV3	5937592	11298861	17.55%	0.966%
54	7.359	468	470	471	rVV	3424185	6027674	9.36%	0.515%
55	7.382	471	472	474	rVV	4776179	7282445	11.31%	0.623%
56	7.439	474	477	478	rVV2	3749257	8867074	13.77%	0.758%
57	7.462	478	479	482	rVV2	6950859	10036984	15.59%	0.858%
58	7.530	482	485	486	rVV2	2161660	5264355	8.18%	0.450%
59	7.576	486	489	492	rVV5	5956318	14549137	22.60%	1.244%
60	7.633	492	494	496	rVV	3175075	6694243	10.40%	0.572%
61	7.690	496	499	503	rVV3	3758454	12431150	19.31%	1.063%
62	7.770	503	506	508	rVV4	2394797	6312473	9.80%	0.540%
63	7.816	508	510	511	rVV2	1616995	2952109	4.58%	0.252%
64	7.884	514	516	517	rVV2	1779928	3357915	5.22%	0.287%
65	7.942	518	521	522	rVV2	4324665	7914950	12.29%	0.677%
66	7.987	522	525	526	rVV3	1987834	4575444	7.11%	0.391%
67	8.022	526	528	533	rVV2	3415577	7570126	11.76%	0.647%
68	8.113	533	536	537	rVV2	956408	2149386	3.34%	0.184%
69	8.147	537	539	541	rVV3	1174747	2159263	3.35%	0.185%
70	8.239	543	547	548	rVV3	1839746	3794256	5.89%	0.324%
71	8.296	551	552	553	rVV	965179	1091187	1.69%	0.093%

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72	8.330	553	555	557	rVV2	1048140	1755871	2.73%	0.150%
73	8.376	557	559	563	rVV	2413163	3946542	6.13%	0.337%
74	8.547	572	574	576	rVV3	675121	1341401	2.08%	0.115%
75	8.639	580	582	584	rVB3	773755	1103366	1.71%	0.094%
76	9.016	612	615	617	rVB	5149402	5612456	8.72%	0.480%
77	9.416	648	650	652	rBV2	1780904	2264765	3.52%	0.194%
78	9.656	667	671	672	rBV3	1853599	2574305	4.00%	0.220%
79	9.908	690	693	695	rVV3	1101674	2676874	4.16%	0.229%
80	9.942	695	696	702	rVV2	2944992	4724687	7.34%	0.404%
81	10.068	704	707	710	rBV3	3110383	5426340	8.43%	0.464%
82	10.136	710	713	714	rVV	1751340	2936153	4.56%	0.251%
83	10.170	714	716	717	rVV	2024651	2244825	3.49%	0.192%
84	10.205	717	719	725	rVV	4817024	7470693	11.60%	0.639%
85	10.353	728	732	735	rVV3	2012520	4585590	7.12%	0.392%
86	10.410	735	737	738	rVV	3255640	3961277	6.15%	0.339%
87	10.468	740	742	744	rVV2	1956142	2208785	3.43%	0.189%
88	10.536	744	748	749	rVV2	1267848	2910258	4.52%	0.249%
89	10.570	749	751	752	rVV	1325728	1840052	2.86%	0.157%
90	10.605	752	754	759	rVV4	6612731	13631012	21.17%	1.165%
91	10.708	762	763	765	rVV	955437	1462096	2.27%	0.125%
92	10.753	765	767	769	rVV	1400361	1668523	2.59%	0.143%
93	10.833	772	774	778	rVV5	745843	2158962	3.35%	0.185%
94	10.936	780	783	784	rVV	1796767	2617779	4.07%	0.224%
95	11.073	792	795	797	rVV2	1630115	3036710	4.72%	0.260%
96	11.108	797	798	800	rVV	1416514	1247683	1.94%	0.107%
97	11.153	800	802	807	rVV3	1458314	2372737	3.69%	0.203%
98	12.411	910	912	916	rVB3	1298060	1834348	2.85%	0.157%
99	12.742	939	941	944	rVB	3516933	3475808	5.40%	0.297%
100	13.782	1029	1032	1035	rBV	1176786	1230344	1.91%	0.105%

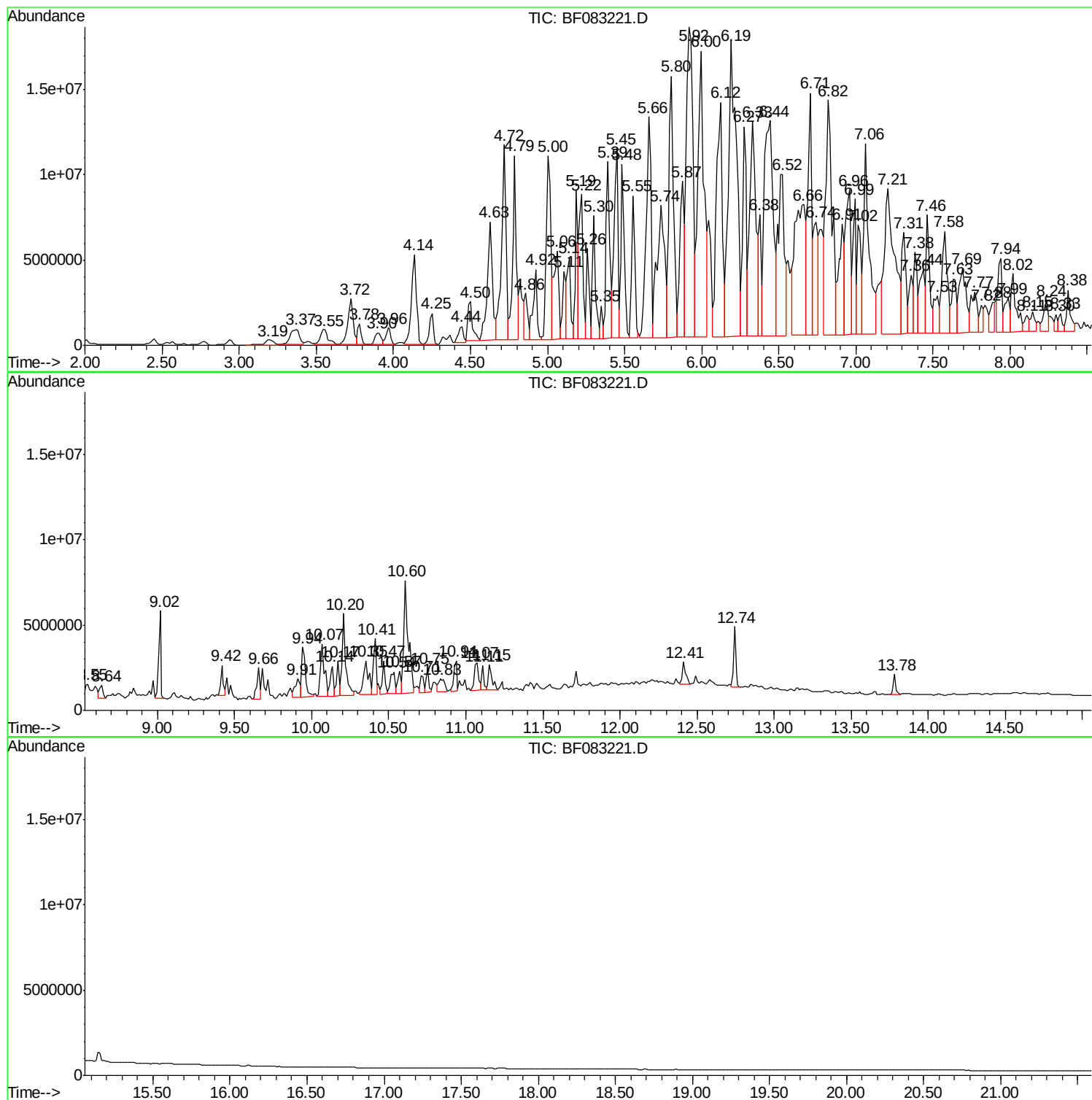
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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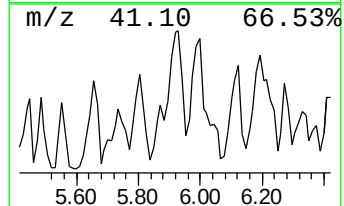
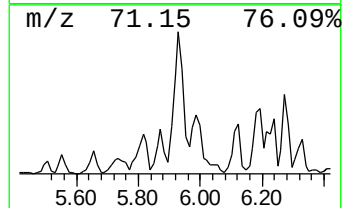
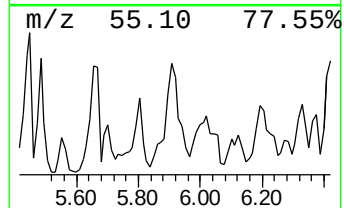
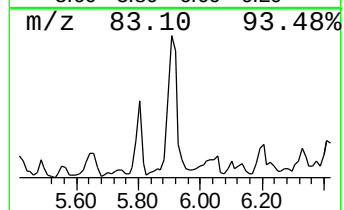
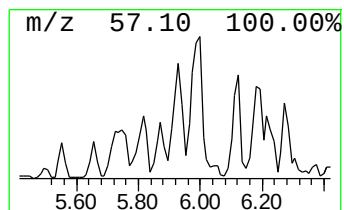
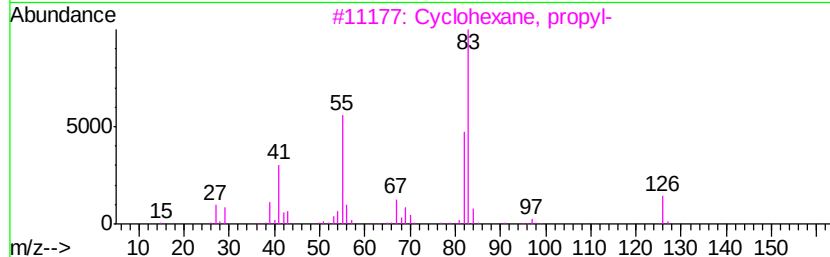
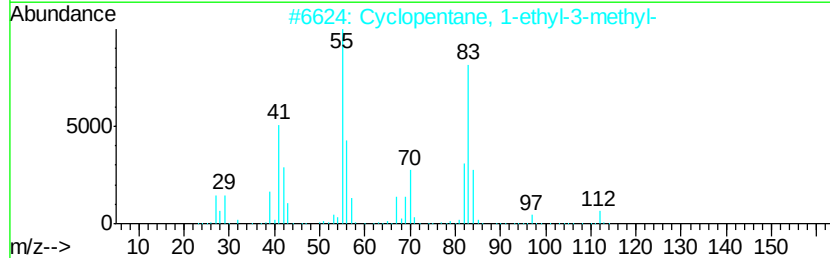
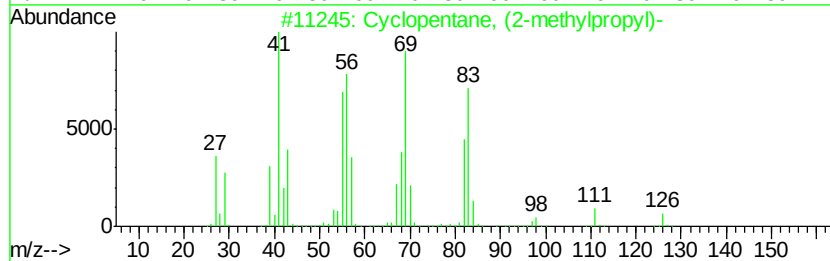
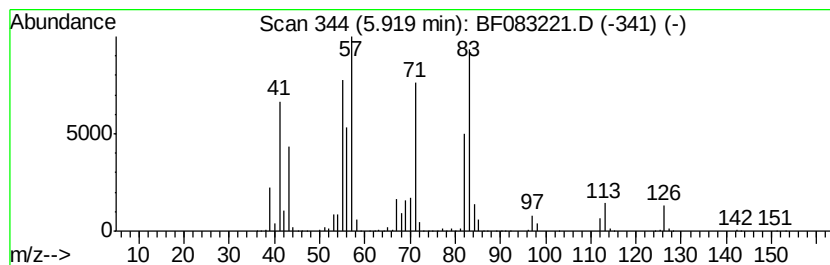
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.92 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	28.36 ng	52616900	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	49
2		Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	46
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	43
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
5		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	42



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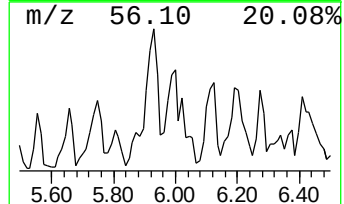
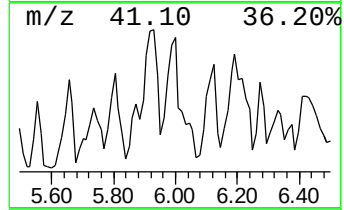
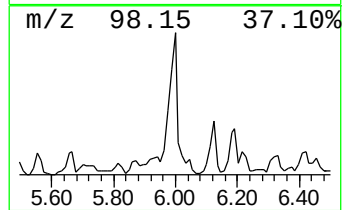
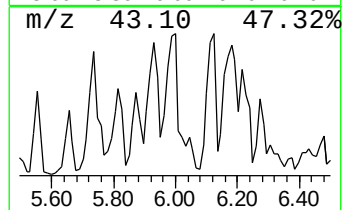
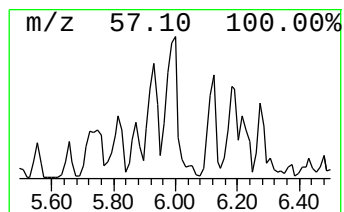
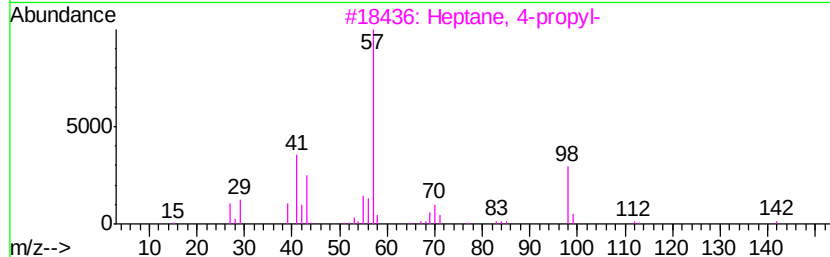
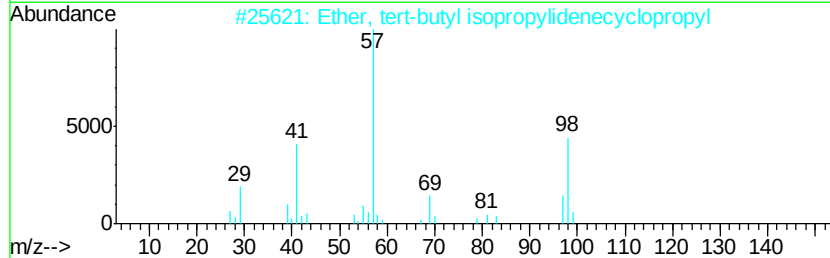
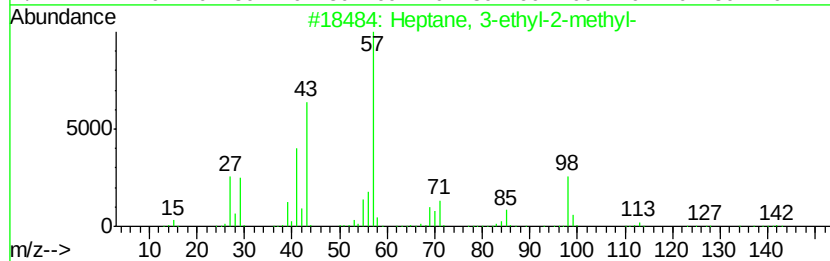
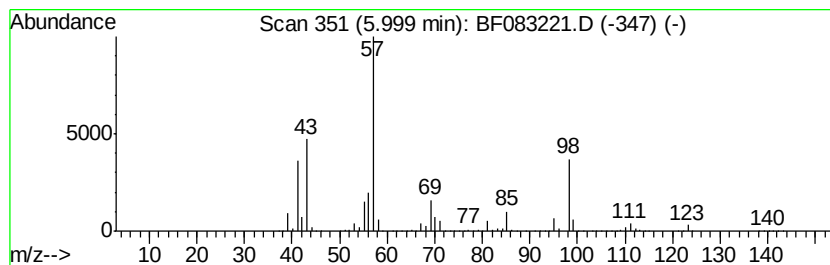
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Heptane, 3-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	26.79 ng	49716800	1,4-Dichlorobenzene-d4	6.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptane, 3-ethyl-2-methyl-	142 C10H22	014676-29-0	59
2	Ether, tert-butyl isopropylidene...	154 C10H18O	024524-56-9	47
3	Heptane, 4-propyl-	142 C10H22	003178-29-8	47
4	Hexane, 3-ethyl-2,5-dimethyl-	142 C10H22	052897-04-8	43
5	Octane, 2,3-dimethyl-	142 C10H22	007146-60-3	42



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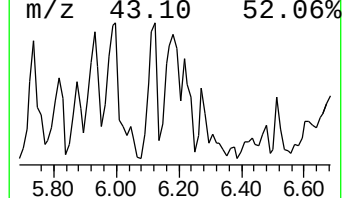
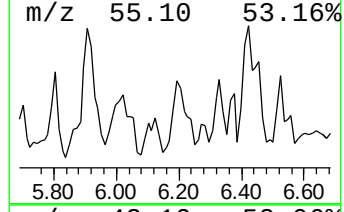
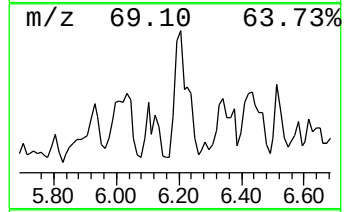
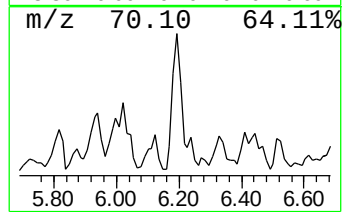
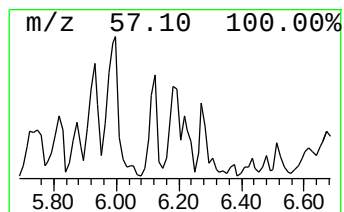
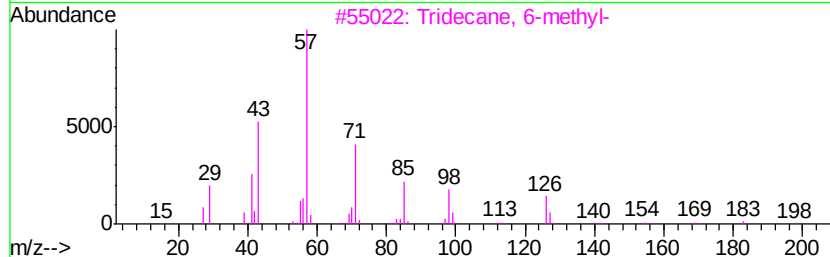
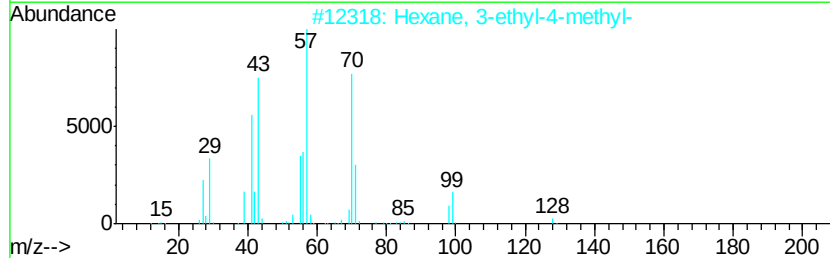
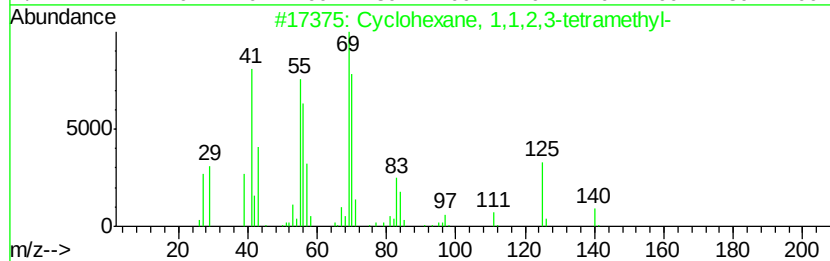
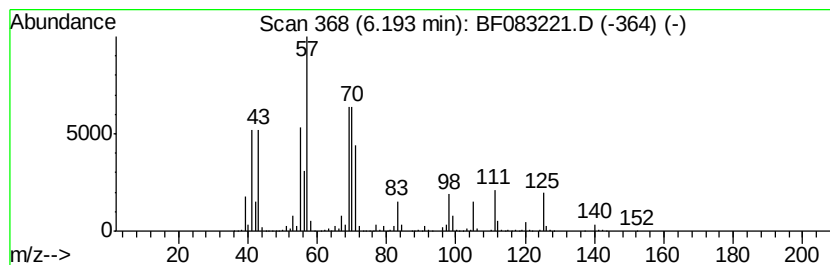
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.19 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	34.70 ng	64388500	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	46
2		Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	43
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	35
4		3,4-Diethyl hexane	142	C10H22	019398-77-7	35
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	35



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ALS Vial : 22 Sample Multiplier: 1

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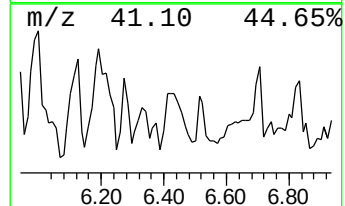
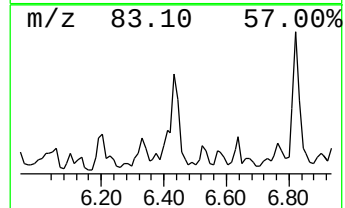
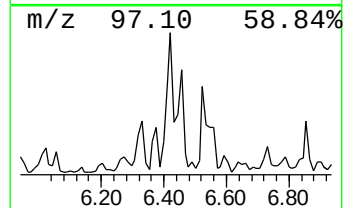
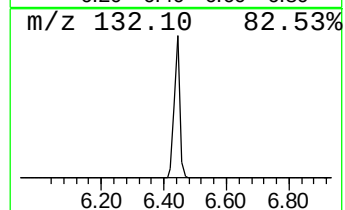
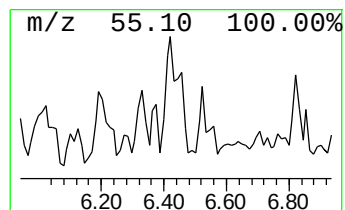
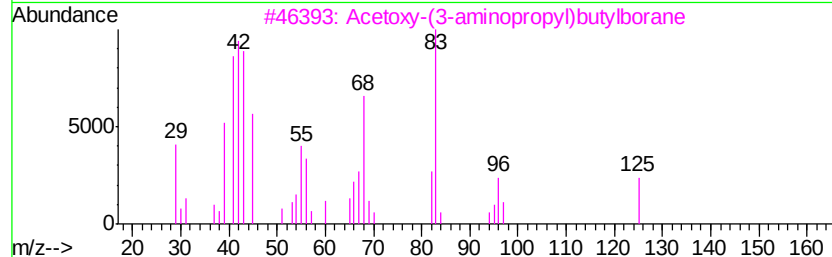
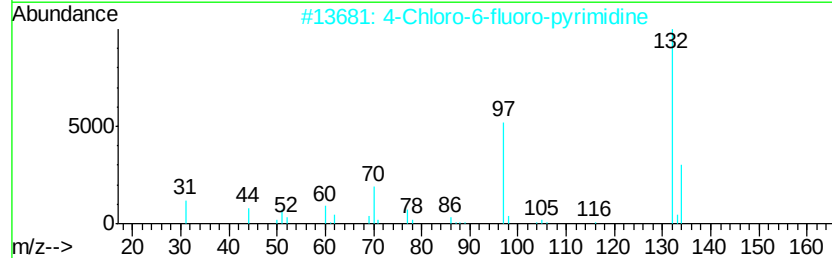
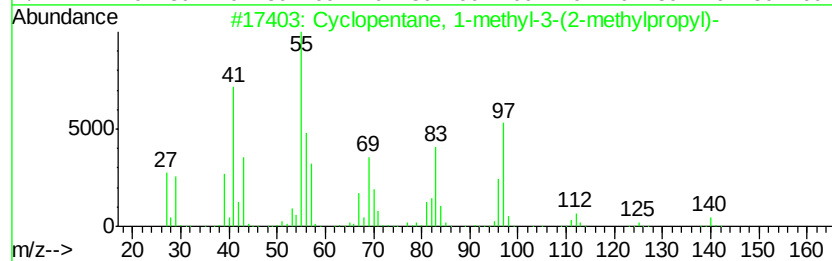
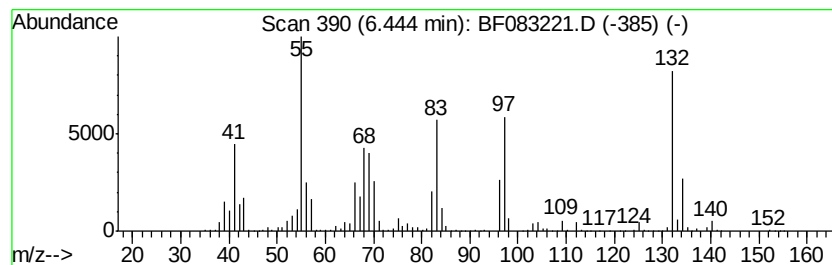
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.44 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	26.69 ng	49523900	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	42
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		Acetoxy-(3-aminopropyl)butylborane	185	C9H20BN02	005674-76-0	22
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	16
5		Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083221.D
Acq On : 23 Nov 2015 23:35
Operator : UM/IZ
Sample : G4426-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2

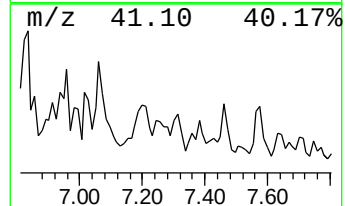
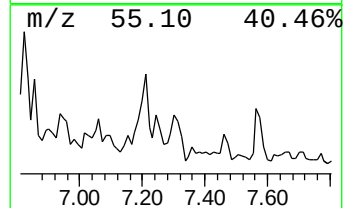
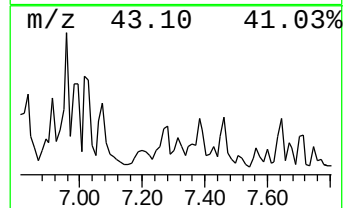
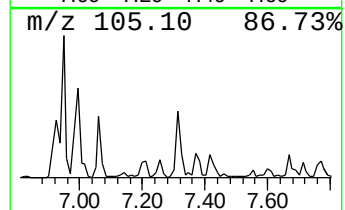
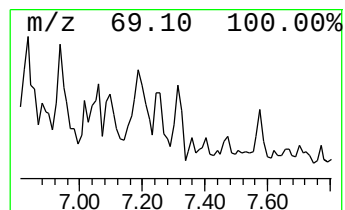
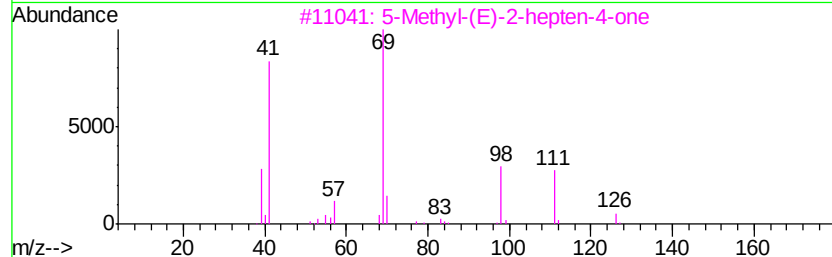
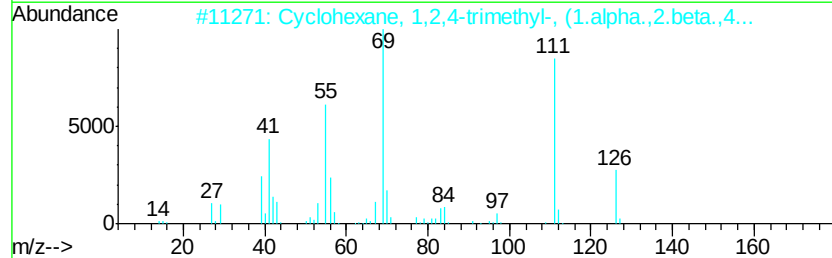
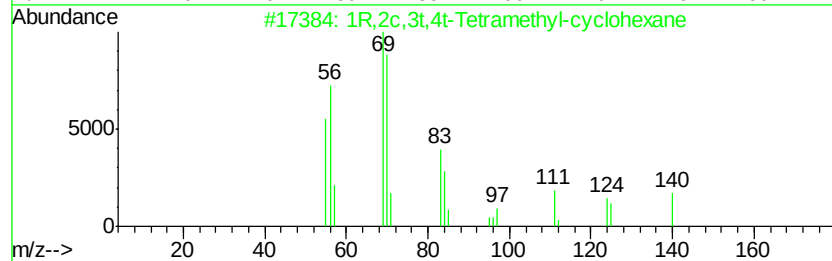
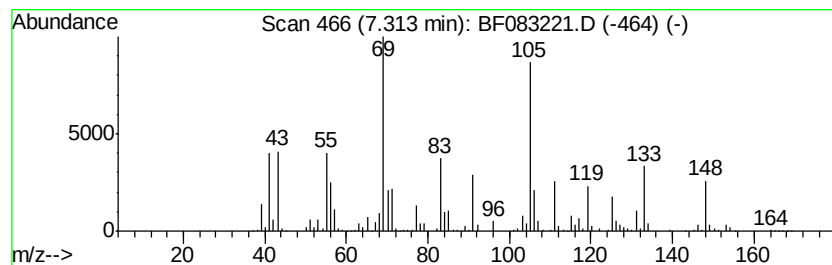
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.31 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	28.55 ng	11298900	Naphthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	32
2		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	27
3		5-Methyl-(E)-2-hepten-4-one	126	C8H14O	102322-83-8	27
4		Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	27
5		2-Undecene, 4-methyl-	168	C12H24	091695-32-8	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083221.D
Acq On : 23 Nov 2015 23:35
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Misc :
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Instrument :
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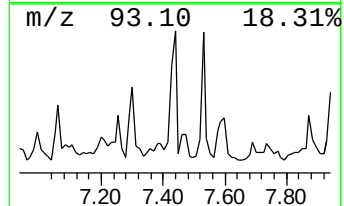
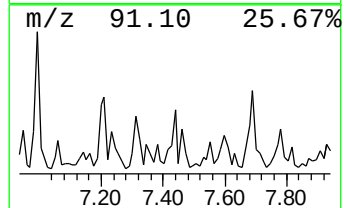
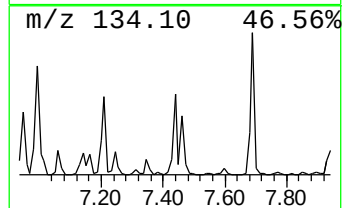
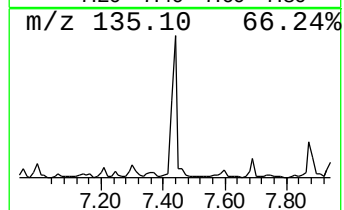
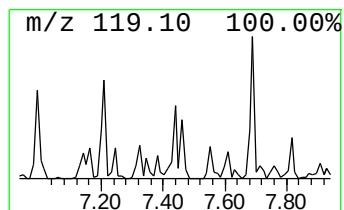
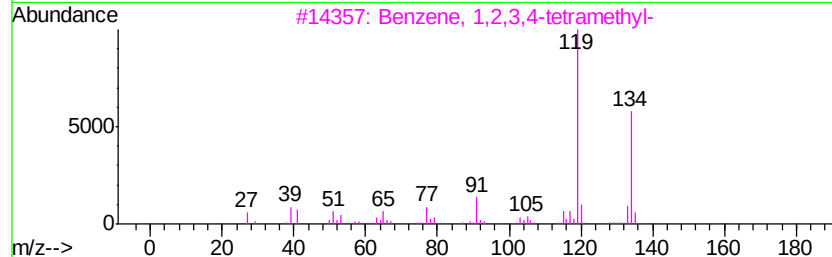
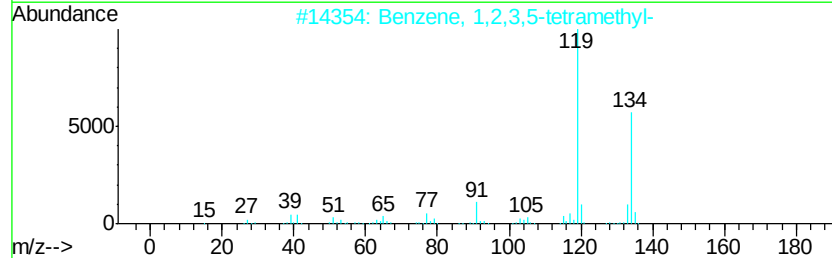
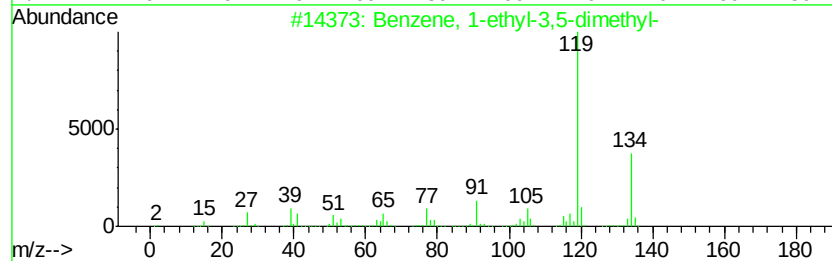
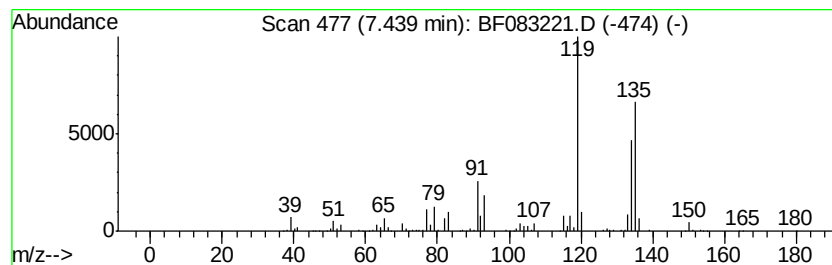
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	22.41 ng	8867070	Napthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083221.D
Acq On : 23 Nov 2015 23:35
Operator : UM/IZ
Sample : G4426-02
Misc :
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Instrument :
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ClientSampleId :
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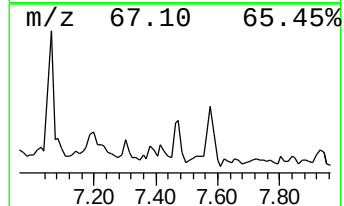
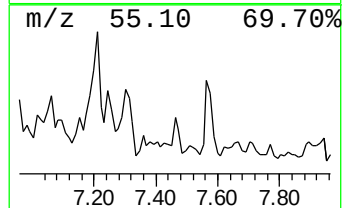
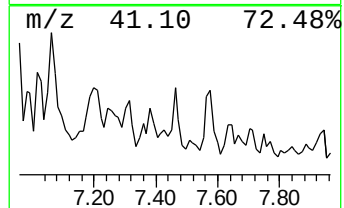
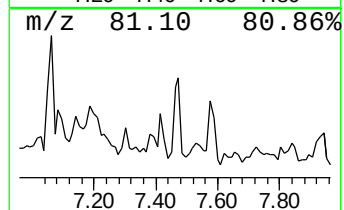
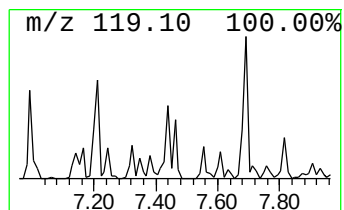
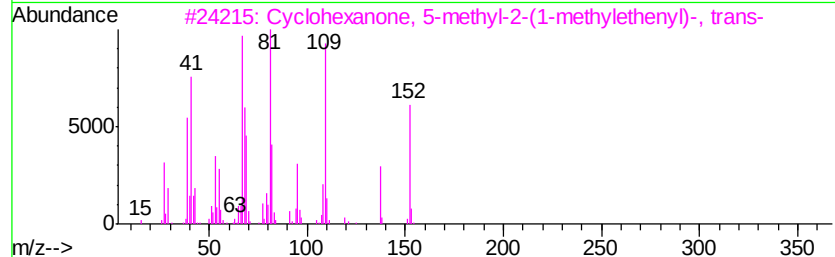
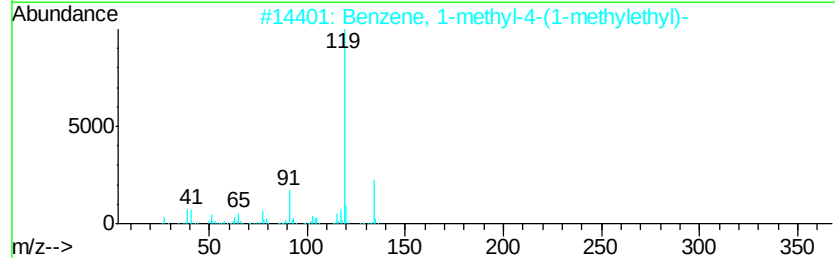
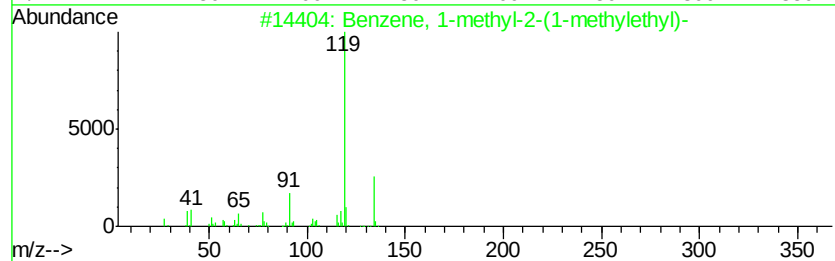
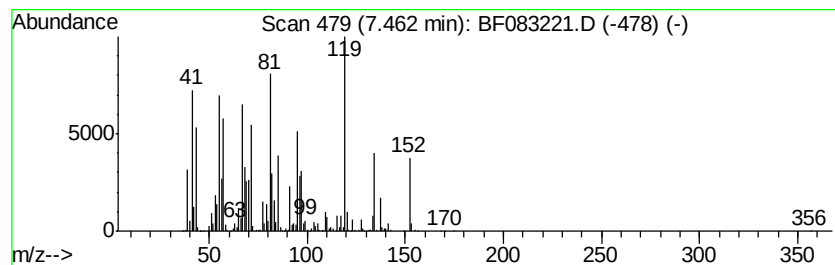
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-methyl-2-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	25.36 ng	10037000	Naphthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	53
2		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	53
3		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	44
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	44
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	40



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083221.D
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Misc :
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Instrument :
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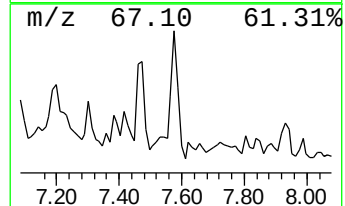
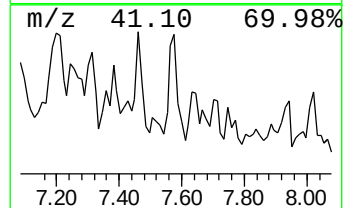
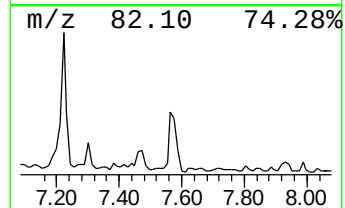
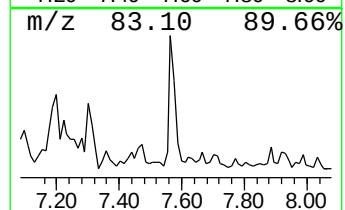
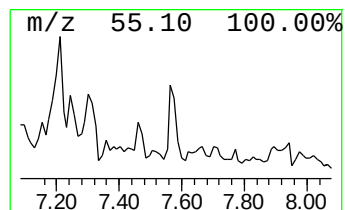
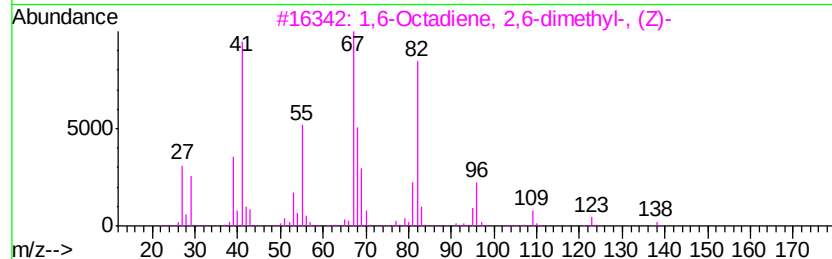
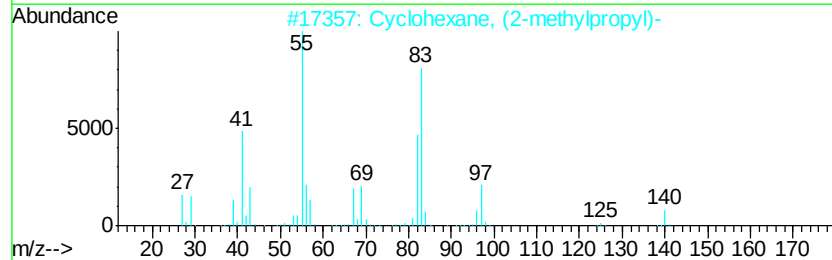
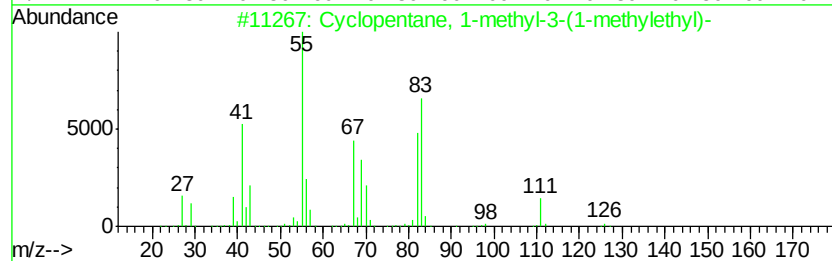
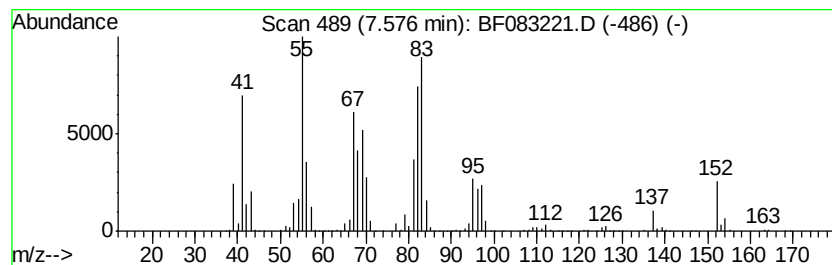
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopentane, 1-methyl-3-(1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	36.76 ng	14549100	Naphthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	60
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
3		1,6-Octadiene, 2,6-dimethyl-, (Z)-	138	C10H18	006874-34-6	38
4		10-Undecenal	168	C11H20O	000112-45-8	35
5		1,6-Octadiene, 2,5-dimethyl-, (E)-	138	C10H18	068702-25-0	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083221.D
Acq On : 23 Nov 2015 23:35
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Sample : G4426-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

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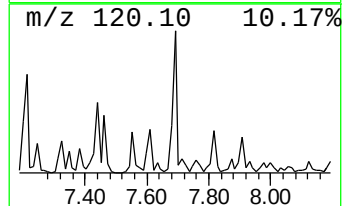
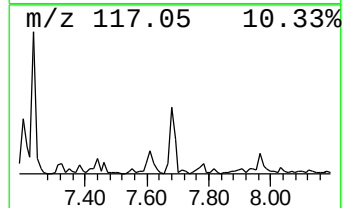
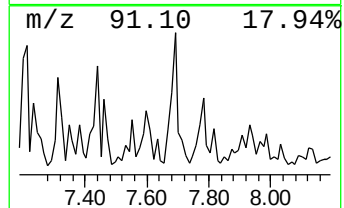
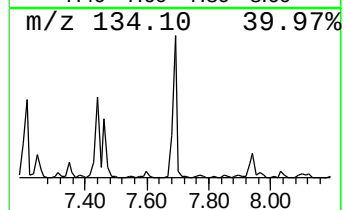
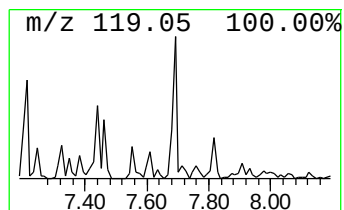
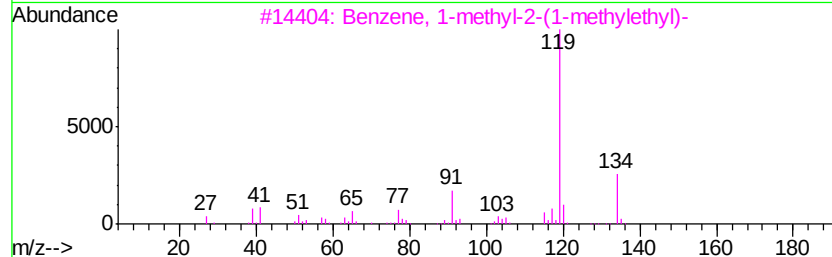
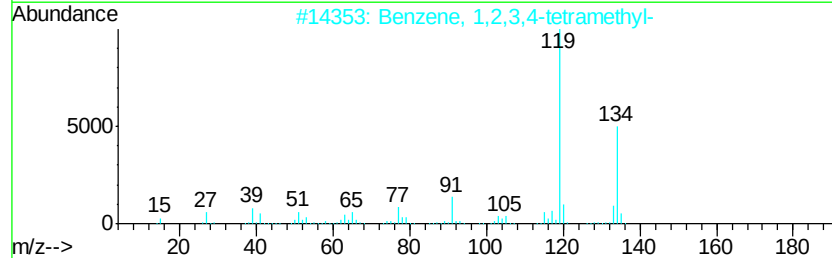
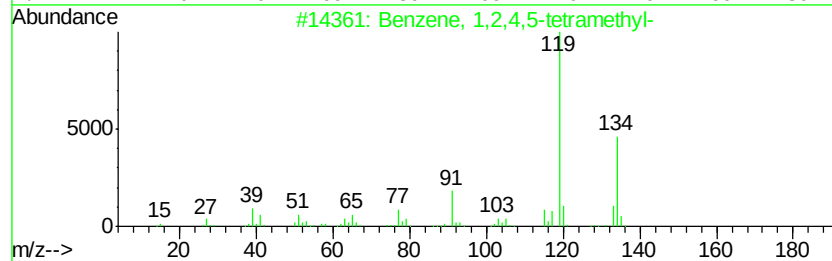
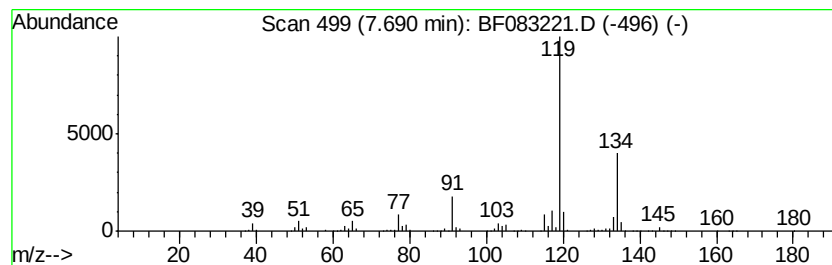
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	31.41 ng	12431200	Naphthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	95
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083221.D
Acq On : 23 Nov 2015 23:35
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Sample : G4426-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

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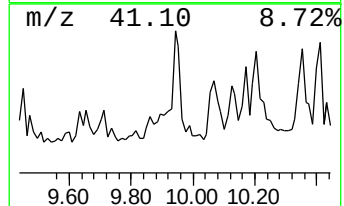
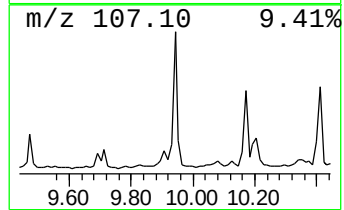
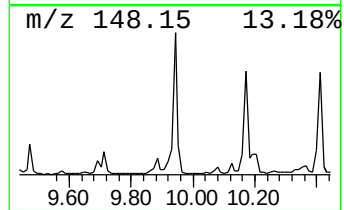
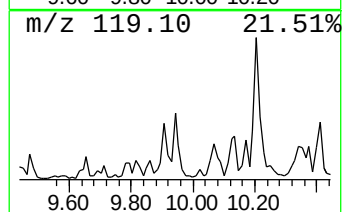
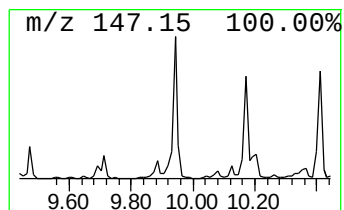
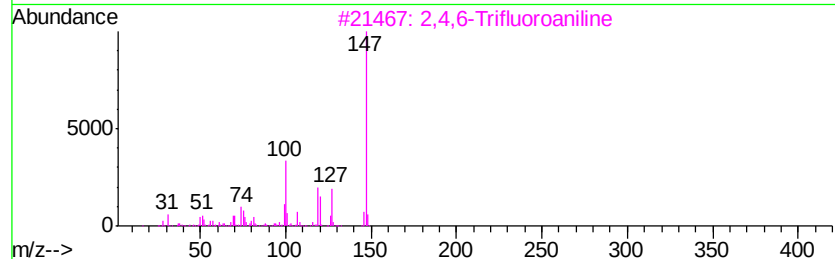
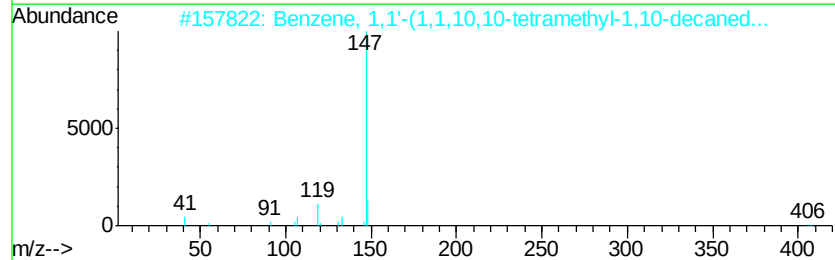
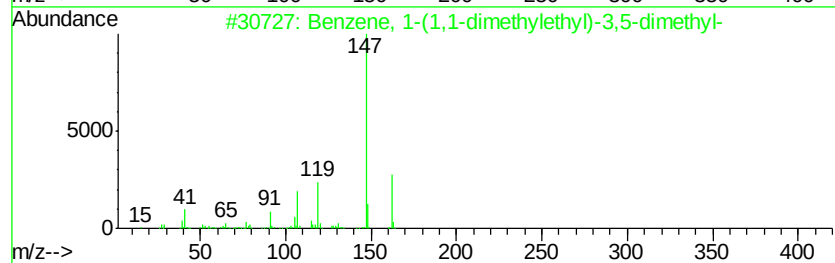
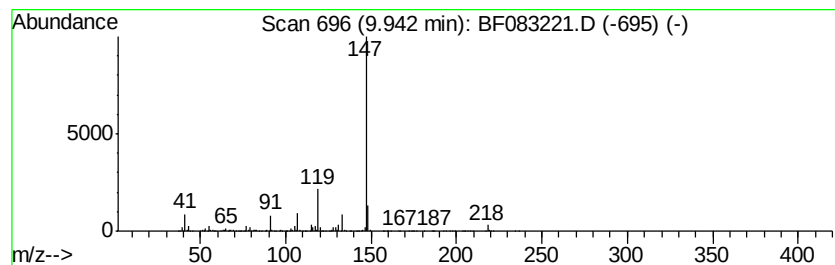
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-(1,1-dimethyleth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	36.71 ng	4724690	Acenaphthene-d10	9.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	86
2		Benzene, 1,1'-(1,1,10,10-tetrame...	406	C30H46	063934-83-8	83
3		2,4,6-Trifluoroaniline	147	C6H4F3N	000363-81-5	64
4		Benzenepropanoic acid, .beta.,.b...	206	C13H18O2	055683-10-8	64
5		Pyrido[2,3-d]pyrimidin-4(1H)-one	147	C7H5N3O	024410-19-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083221.D
Acq On : 23 Nov 2015 23:35
Operator : UM/IZ
Sample : G4426-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

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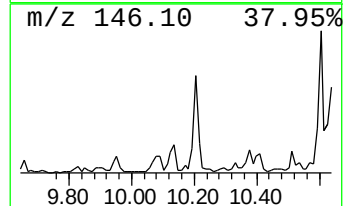
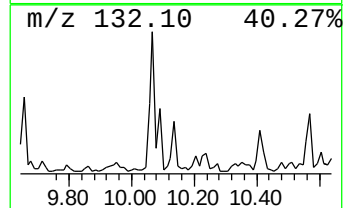
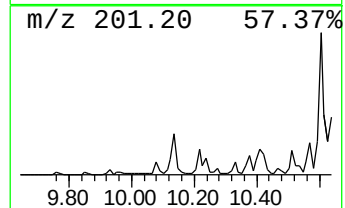
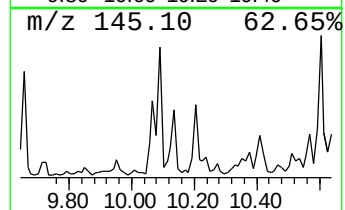
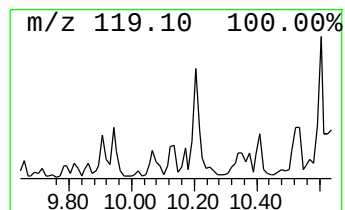
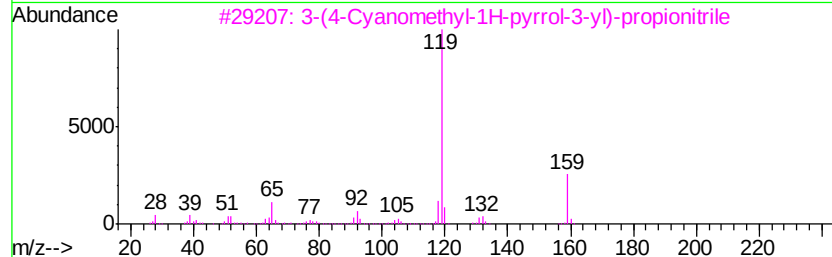
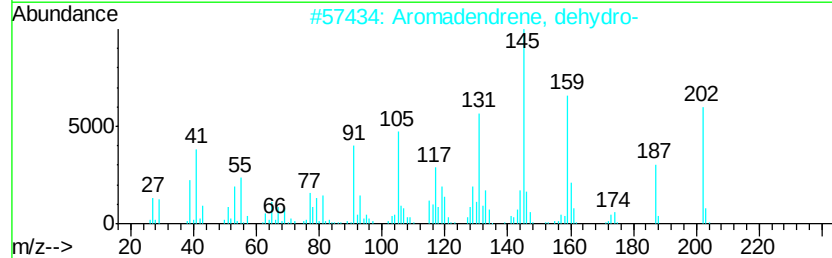
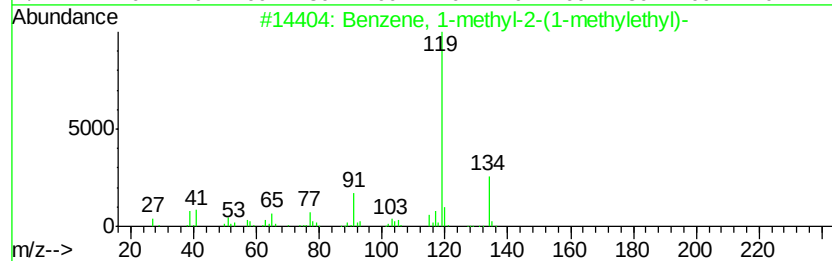
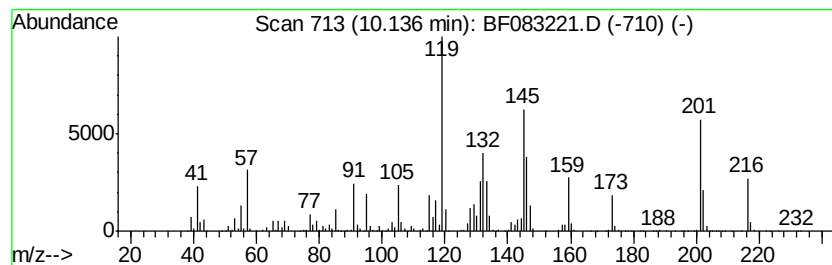
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.14 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	22.81 ng	2936150	Acenaphthene-d10	9.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methylethyl-)	134	C10H14	000527-84-4	25
2		Aromadendrene, dehydro-	202	C15H22	1000156-12-5	18
3		3-(4-Cyanomethyl-1H-pyrrol-3-yl)-	159	C9H9N3	106491-24-1	14
4		Propane, 2-cyclohexyl-2-phenyl-	202	C15H22	025683-97-0	14
5		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083221.D
Acq On : 23 Nov 2015 23:35
Operator : UM/IZ
Sample : G4426-02
Misc :
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Instrument :
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ClientSampleId :
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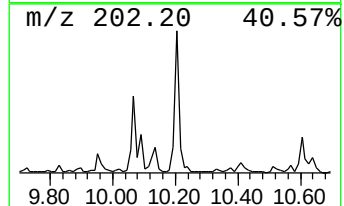
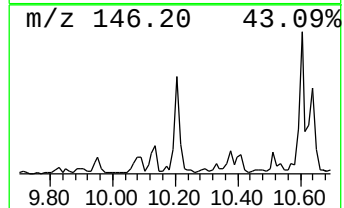
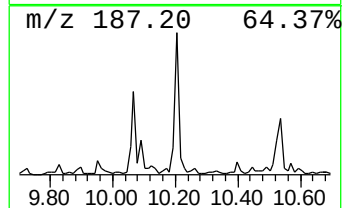
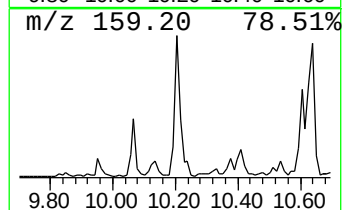
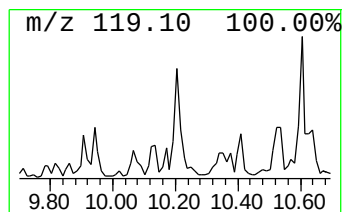
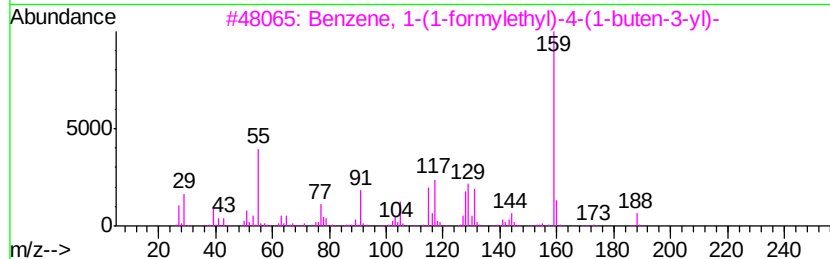
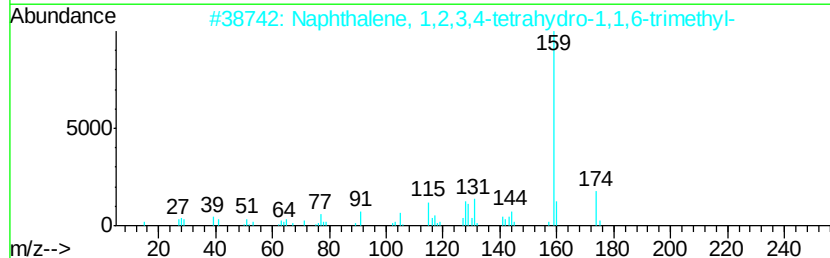
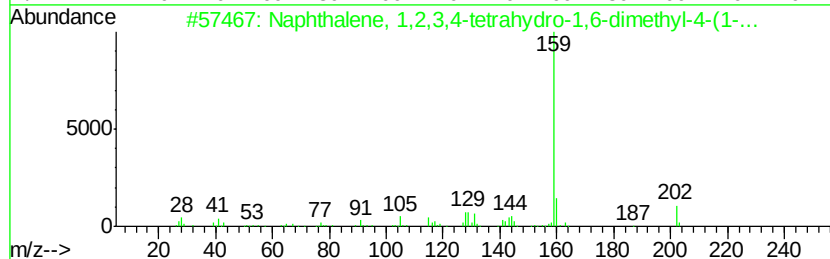
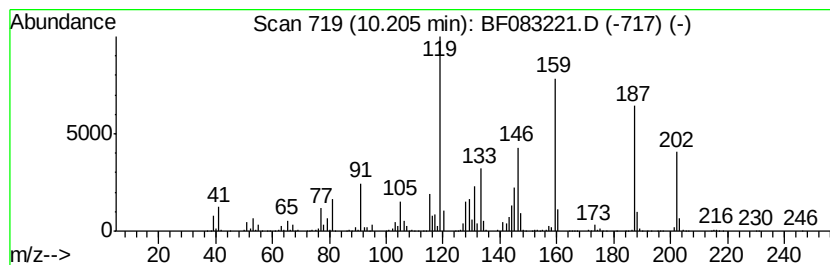
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,2,3,4-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	58.04 ng	7470690	Acenaphthene-d10	9.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	84
2		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	55
3		Benzene, 1-(1-formylethyl)-4-(1-...	188	C13H16O	1000161-46-6	47
4		11-Isopropylidenetricyclo[4.3.1]...	202	C14H18O	1000191-49-3	27
5		Tremetone	202	C13H14O2	004976-25-4	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083221.D
Acq On : 23 Nov 2015 23:35
Operator : UM/IZ
Sample : G4426-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

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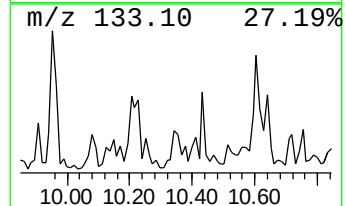
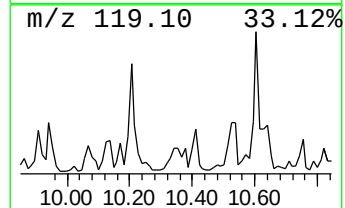
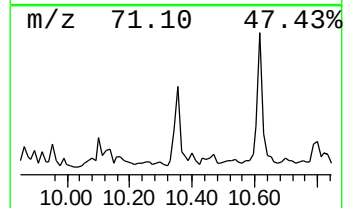
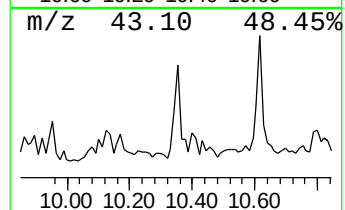
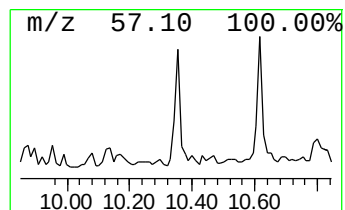
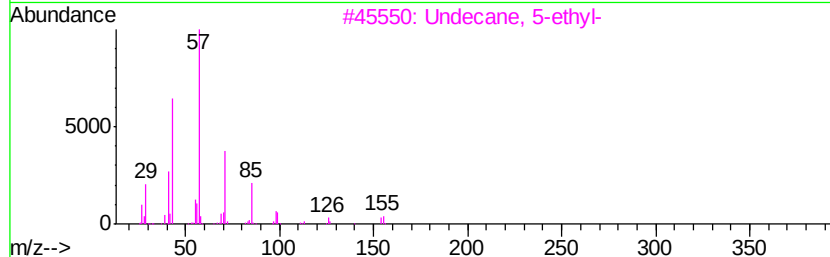
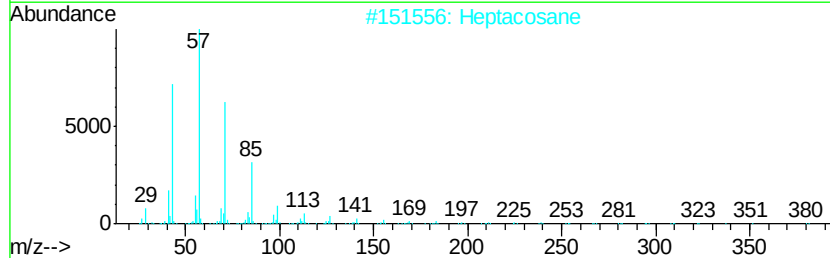
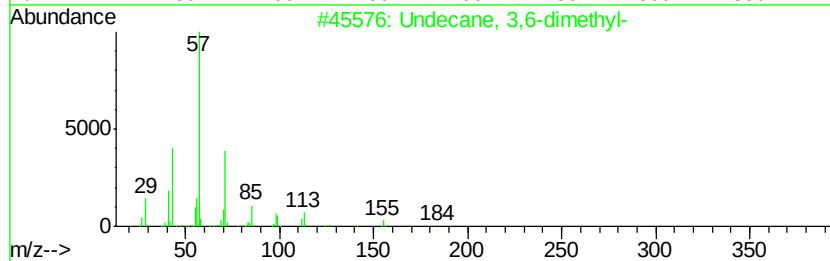
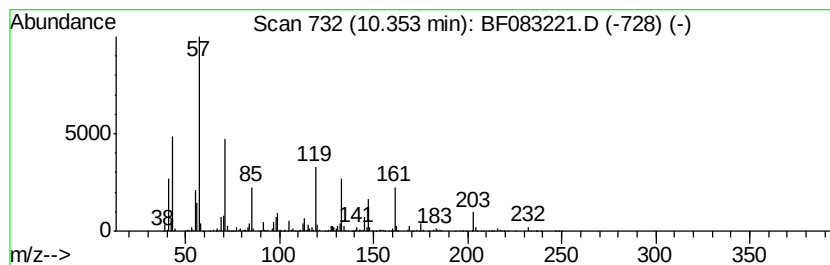
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.35 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	35.63 ng	4585590	Acenaphthene-d10	9.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	46
2		Heptacosane	380	C27H56	000593-49-7	43
3		Undecane, 5-ethyl-	184	C13H28	017453-94-0	38
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	38
5		Pentadecane	212	C15H32	000629-62-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083221.D
Acq On : 23 Nov 2015 23:35
Operator : UM/IZ
Sample : G4426-02
Misc :
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ClientSampleId :
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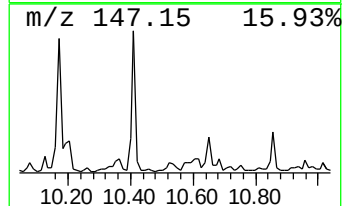
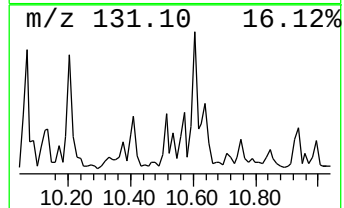
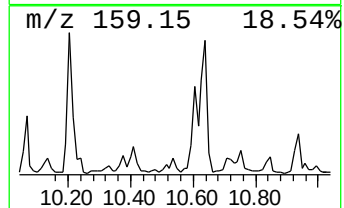
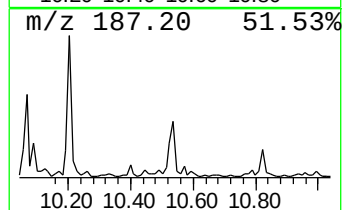
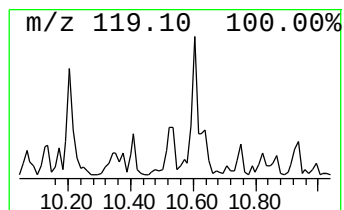
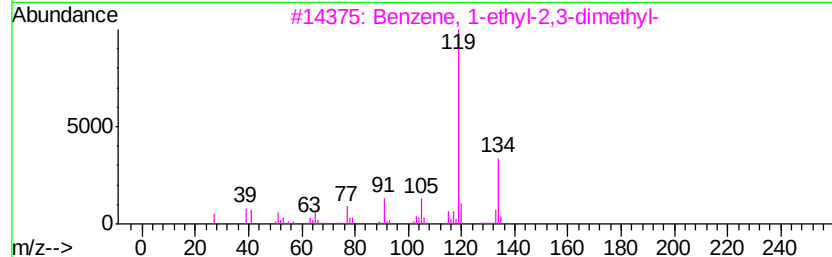
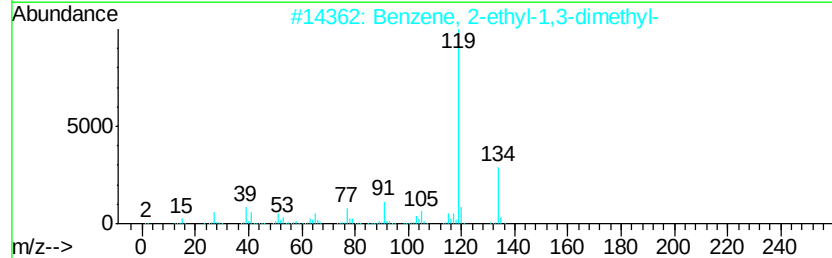
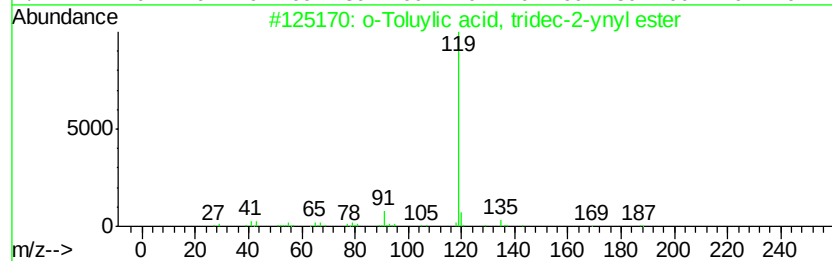
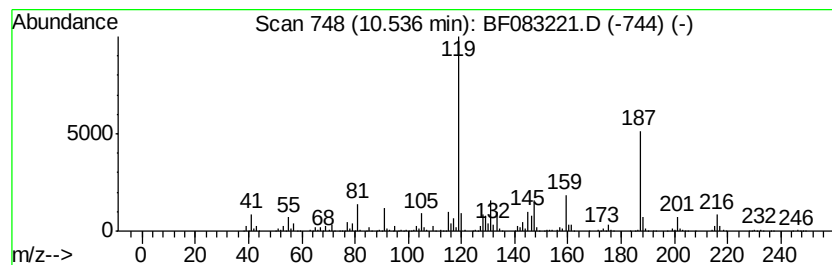
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.54 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	24.53 ng	2910260	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Toluylic acid, tridec-2-ynyl e...	314	C21H30O2	1000292-51-7	43
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	41
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	35
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083221.D
Acq On : 23 Nov 2015 23:35
Operator : UM/IZ
Sample : G4426-02
Misc :
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Instrument :
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ClientSampled :
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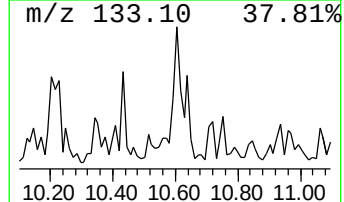
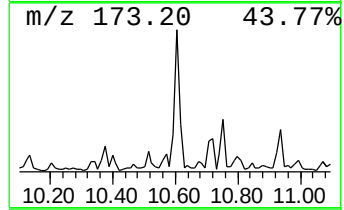
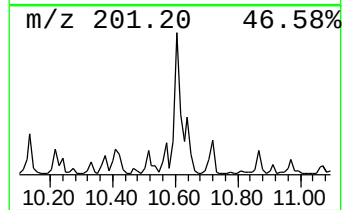
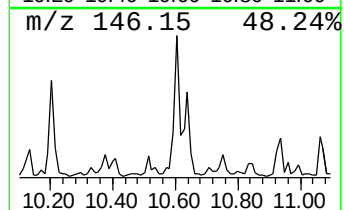
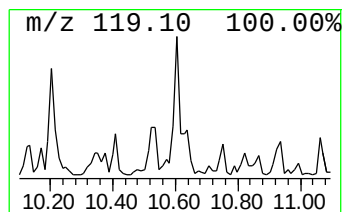
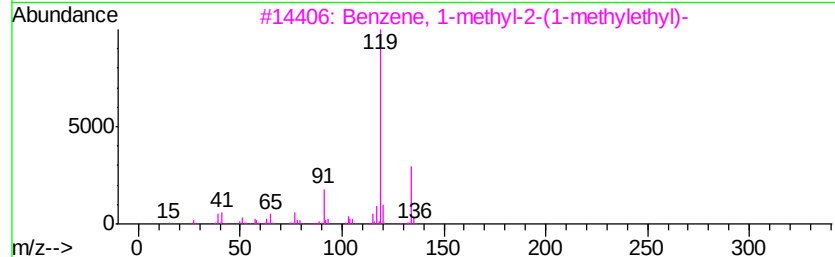
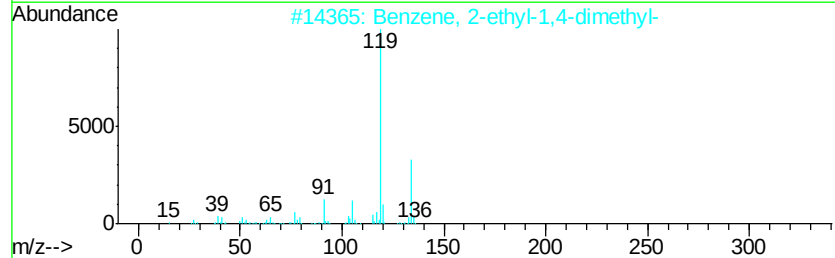
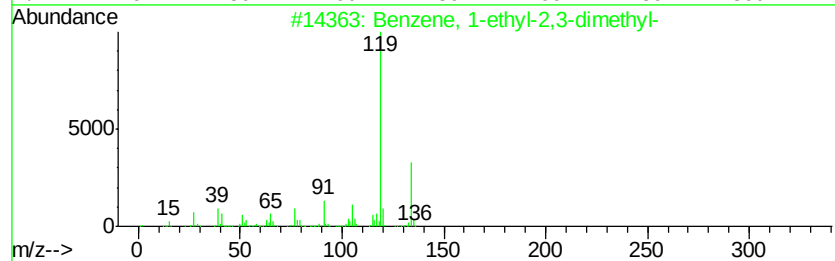
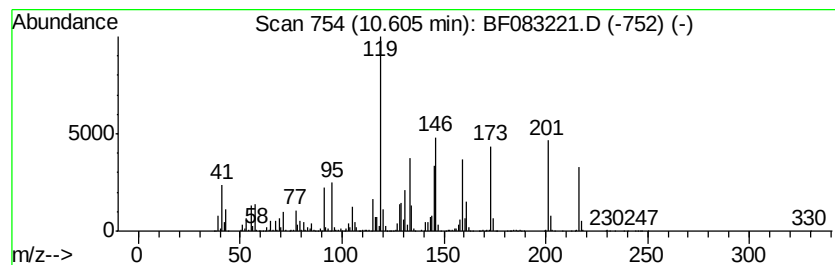
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown10.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	114.90 ng	13631000	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	25
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	25
3		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	15
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	15
5		Propane, 2-cyclohexyl-2-phenyl-	202	C15H22	025683-97-0	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083221.D
Acq On : 23 Nov 2015 23:35
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Sample : G4426-02
Misc :
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Instrument :
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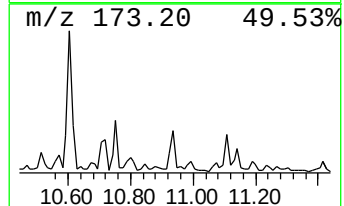
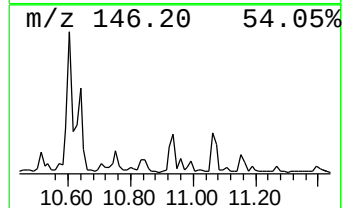
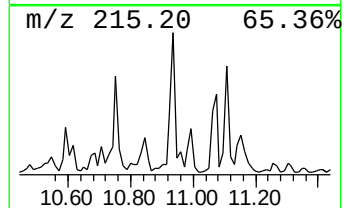
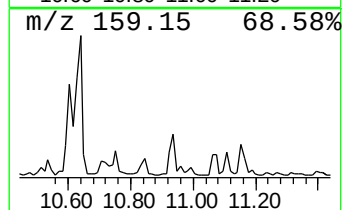
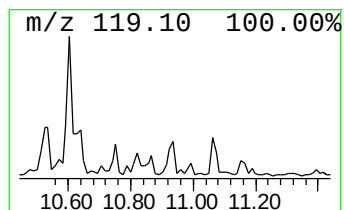
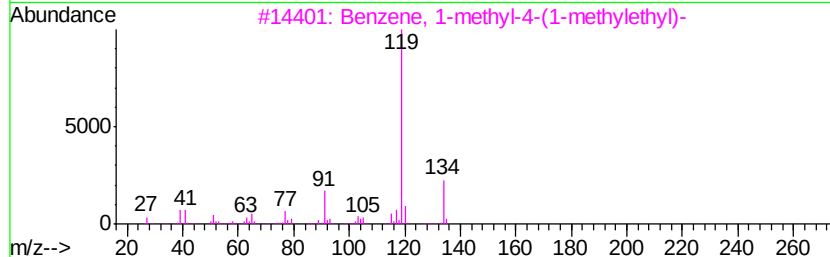
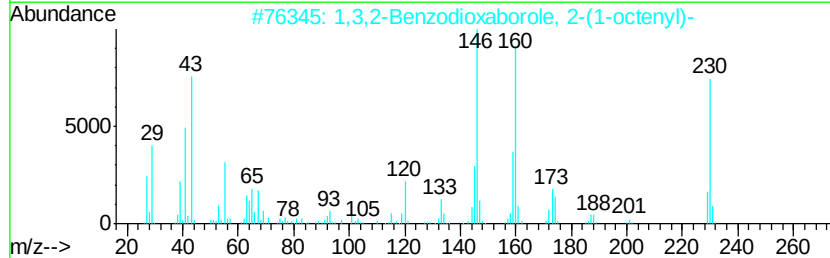
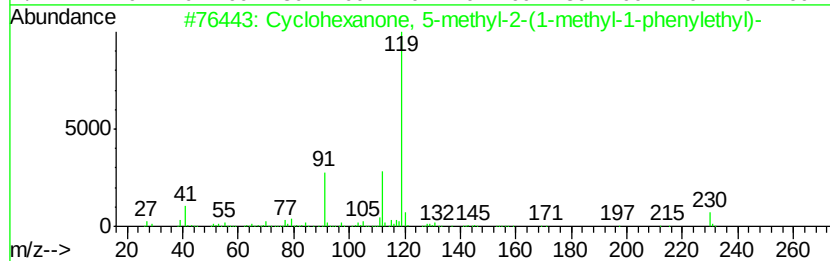
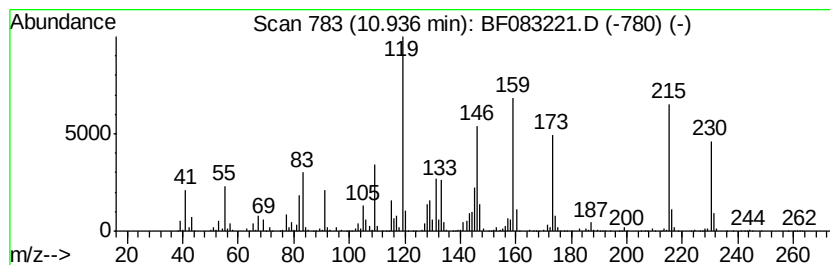
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown10.94 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	22.07 ng	2617780	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 5-methyl-2-(1-met...	230	C16H22O	097275-48-4	22
2		1,3,2-Benzodioxaborole, 2-(1-oct...	230	C14H19B02	073349-13-0	18
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	15
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	11
5		Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083221.D
Acq On : 23 Nov 2015 23:35
Operator : UM/IZ
Sample : G4426-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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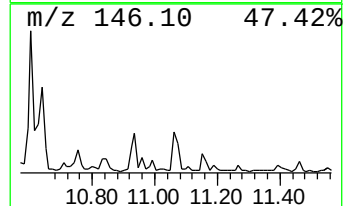
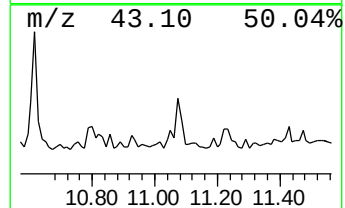
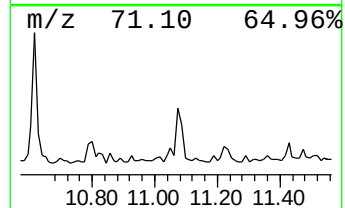
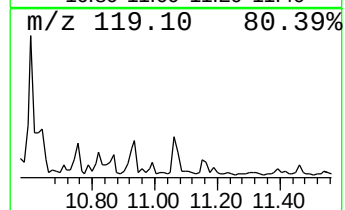
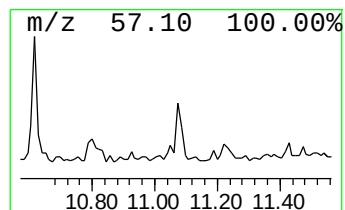
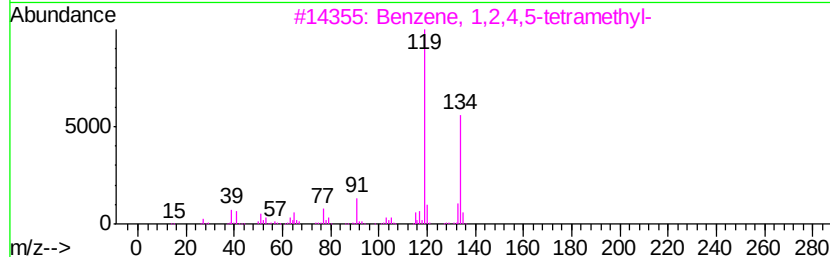
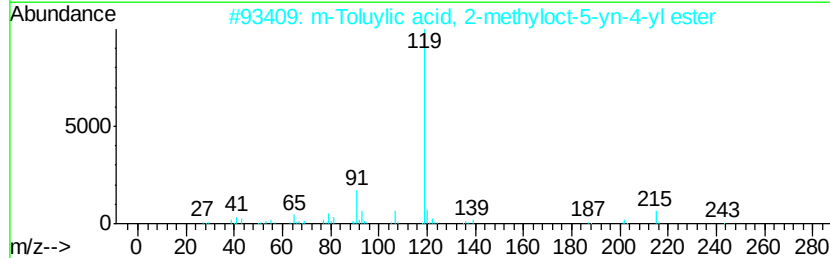
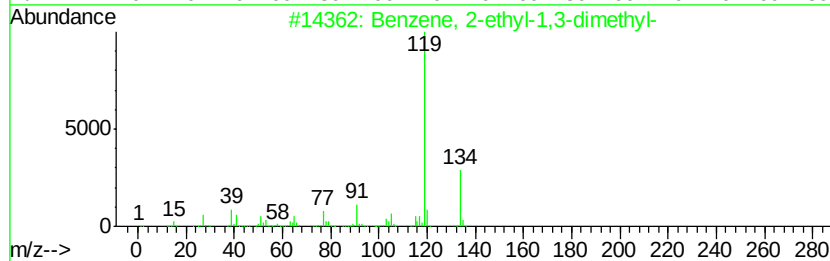
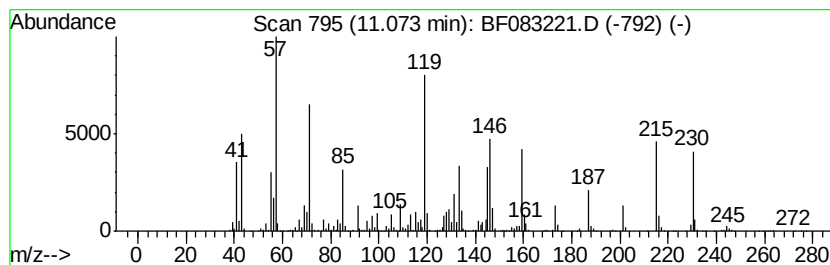
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown11.07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	25.60 ng	3036710	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	25
2		m-Toluylic acid, 2-methyloct-5-y...	258	C17H22O2	1000292-49-7	14
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	11
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	10
5		1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083221.D
Acq On : 23 Nov 2015 23:35
Operator : UM/IZ
Sample : G4426-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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
unknown5.92	5.92	28.4	ng	52616900	1	6.66	37111700	20.0
Heptane, 3-ethyl-...	6.00	26.8	ng	49716800	1	6.66	37111700	20.0
unknown6.19	6.19	34.7	ng	64388500	1	6.66	37111700	20.0
unknown6.44	6.44	26.7	ng	49523900	1	6.66	37111700	20.0
unknown7.31	7.31	28.6	ng	11298900	2	7.94	7914950	20.0
Benzene, 1-ethyl-...	7.44	22.4	ng	8867070	2	7.94	7914950	20.0
Benzene, 1-methyl...	7.46	25.4	ng	10037000	2	7.94	7914950	20.0
Cyclopentane, 1-m...	7.58	36.8	ng	14549100	2	7.94	7914950	20.0
Benzene, 1,2,4,5-...	7.69	31.4	ng	12431200	2	7.94	7914950	20.0
Benzene, 1-(1,1-d...	9.94	36.7	ng	4724690	3	9.68	2574310	20.0
unknown10.14	10.14	22.8	ng	2936150	3	9.68	2574310	20.0
Naphthalene, 1,2,...	10.20	58.0	ng	7470690	3	9.68	2574310	20.0
unknown10.35	10.35	35.6	ng	4585590	3	9.68	2574310	20.0
unknown10.54	10.54	24.5	ng	2910260	4	11.15	2372740	20.0
unknown10.60	10.60	114.9	ng	13631000	4	11.15	2372740	20.0
unknown10.94	10.94	22.1	ng	2617780	4	11.15	2372740	20.0
unknown11.07	11.07	25.6	ng	3036710	4	11.15	2372740	20.0