

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086397.D
 Acq On : 23 Apr 2016 18:27
 Operator : UM/SJ
 Sample : H2640-27 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(0-5)-C

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-BF042216.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	5.001	253	255	260	rBV	175294	188893	13.34%	0.752%
2	5.424	290	292	295	rBV	852454	1044931	73.79%	4.162%
3	5.847	326	329	331	rBV	17238	22161	1.57%	0.088%
4	5.916	331	335	343	rVB3	6923	25457	1.80%	0.101%
5	6.373	373	375	376	rBV	18541	22431	1.58%	0.089%
6	6.464	381	383	393	rVV	1000142	1179247	83.28%	4.697%
7	6.602	393	395	398	rVV	1196746	1246663	88.04%	4.965%
8	6.682	400	402	409	rVB6	19938	50606	3.57%	0.202%
9	6.842	414	416	425	rBV	1099201	1111565	78.50%	4.427%
10	7.002	427	430	432	rBV	650305	928226	65.55%	3.697%
11	7.116	438	440	442	rVB2	30834	39867	2.82%	0.159%
12	7.242	448	451	452	rBV2	25118	34501	2.44%	0.137%
13	7.276	452	454	457	rVB3	19539	32469	2.29%	0.129%
14	7.367	459	462	463	rBV2	34006	48432	3.42%	0.193%
15	7.402	463	465	468	rVV	596169	583574	41.21%	2.324%
16	7.493	471	473	475	rVB2	39642	54826	3.87%	0.218%
17	7.539	475	477	478	rBV	16431	21145	1.49%	0.084%
18	7.630	481	485	486	rBV4	26906	64255	4.54%	0.256%
19	7.653	486	487	488	rVB	73053	50078	3.54%	0.199%
20	7.699	488	491	492	rBV2	19177	35529	2.51%	0.142%
21	7.722	492	493	495	rVB2	30045	34108	2.41%	0.136%
22	7.767	495	497	499	rVB2	95020	93621	6.61%	0.373%
23	7.813	499	501	502	rBV2	22431	35965	2.54%	0.143%
24	7.847	502	504	505	rVB	15927	20207	1.43%	0.080%
25	7.882	505	507	509	rBV2	26033	45100	3.18%	0.180%
26	7.950	509	513	515	rBV2	41813	68865	4.86%	0.274%
27	8.030	515	520	522	rBV5	35224	106722	7.54%	0.425%
28	8.122	526	528	530	rBV	1178687	1305813	92.22%	5.201%
29	8.190	530	534	536	rVB3	72127	141823	10.02%	0.565%
30	8.293	541	543	545	rBV3	41247	75271	5.32%	0.300%
31	8.339	545	547	550	rBV2	52273	104546	7.38%	0.416%
32	8.419	550	554	558	rBV4	81386	231351	16.34%	0.921%
33	8.476	558	559	561	rBV2	97878	72104	5.09%	0.287%
34	8.510	561	562	564	rVB2	57508	67873	4.79%	0.270%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.568	564	567	571	rBV3	116554	294939	20.83%	1.175%
36	8.636	571	573	574	rVB	41592	38406	2.71%	0.153%
37	8.670	574	576	579	rBV3	81320	148625	10.50%	0.592%
38	8.762	579	584	587	rBV6	67071	238916	16.87%	0.952%
39	8.819	587	589	591	rVB3	116558	152303	10.76%	0.607%
40	8.876	591	594	595	rBV2	53901	72087	5.09%	0.287%
41	8.910	595	597	600	rVB4	63719	142404	10.06%	0.567%
42	9.002	604	605	606	rBV	85084	106074	7.49%	0.422%
43	9.036	606	608	612	rVB4	80594	137809	9.73%	0.549%
44	9.150	617	618	620	rVV2	141052	197943	13.98%	0.788%
45	9.196	620	622	625	rVV	1058449	1328296	93.80%	5.291%
46	9.242	625	626	627	rVV	80762	93507	6.60%	0.372%
47	9.288	627	630	632	rVV	153458	351651	24.83%	1.401%
48	9.333	632	634	638	rVV4	115830	364236	25.72%	1.451%
49	9.402	638	640	642	rVV	101270	136642	9.65%	0.544%
50	9.448	642	644	645	rVV2	49667	73213	5.17%	0.292%
51	9.482	645	647	648	rVV	65788	109753	7.75%	0.437%
52	9.516	648	650	651	rVV	63865	114639	8.10%	0.457%
53	9.539	651	652	655	rVV3	94985	190436	13.45%	0.759%
54	9.608	655	658	659	rVV3	195517	344436	24.32%	1.372%
55	9.631	659	660	664	rVV3	68683	117488	8.30%	0.468%
56	9.699	664	666	667	rVB	37348	50324	3.55%	0.200%
57	9.745	668	670	672	rVB3	33404	43882	3.10%	0.175%
58	9.791	672	674	675	rVB	93081	75652	5.34%	0.301%
59	9.813	675	676	679	rBV2	47417	81160	5.73%	0.323%
60	9.882	679	682	684	rVV	1225617	1416033	100.00%	5.640%
61	9.916	684	685	688	rVB3	43262	44160	3.12%	0.176%
62	10.042	693	696	698	rVV3	102097	278299	19.65%	1.108%
63	10.076	698	699	703	rVV4	105472	278589	19.67%	1.110%
64	10.145	703	705	708	rVV	131191	255015	18.01%	1.016%
65	10.202	708	710	713	rVV3	75286	215965	15.25%	0.860%
66	10.248	713	714	716	rVV2	81373	113382	8.01%	0.452%
67	10.316	716	720	721	rVV2	101541	244424	17.26%	0.974%
68	10.373	723	725	728	rVV3	71099	170808	12.06%	0.680%
69	10.442	728	731	733	rVV4	62240	166938	11.79%	0.665%
70	10.533	736	739	742	rVV	96200	185108	13.07%	0.737%
71	10.625	745	747	748	rVV	25630	34454	2.43%	0.137%

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72	10.659	748	750	757	rVV2	502169	661474	46.71%	2.635%
73	10.796	760	762	765	rVB	104777	175868	12.42%	0.700%
74	10.865	766	768	769	rBV2	18659	21846	1.54%	0.087%
75	11.231	798	800	801	rBV2	32668	29480	2.08%	0.117%
76	11.265	801	803	806	rVB3	43126	62524	4.42%	0.249%
77	11.356	809	811	819	rBV	1037652	1258916	88.90%	5.014%
78	11.974	863	865	867	rBV	24219	29394	2.08%	0.117%
79	12.282	890	892	895	rBV2	29531	43284	3.06%	0.172%
80	12.408	901	903	904	rBV	38684	41502	2.93%	0.165%
81	12.568	915	917	920	rBV	100963	112493	7.94%	0.448%
82	12.774	933	935	936	rBV	114863	108052	7.63%	0.430%
83	12.945	948	950	954	rBV	830173	993792	70.18%	3.958%
84	13.128	964	966	967	rBV	52048	62082	4.38%	0.247%
85	13.471	995	996	998	rBV2	75156	104492	7.38%	0.416%
86	13.997	1039	1042	1045	rBV	699617	1164088	82.21%	4.637%
87	15.414	1164	1166	1172	rVB	478374	797511	56.32%	3.176%
88	15.551	1176	1178	1181	rVB2	171154	248886	17.58%	0.991%
89	16.088	1222	1225	1233	rVB	373408	925604	65.37%	3.687%
90	16.500	1258	1261	1265	rVB	327641	669135	47.25%	2.665%

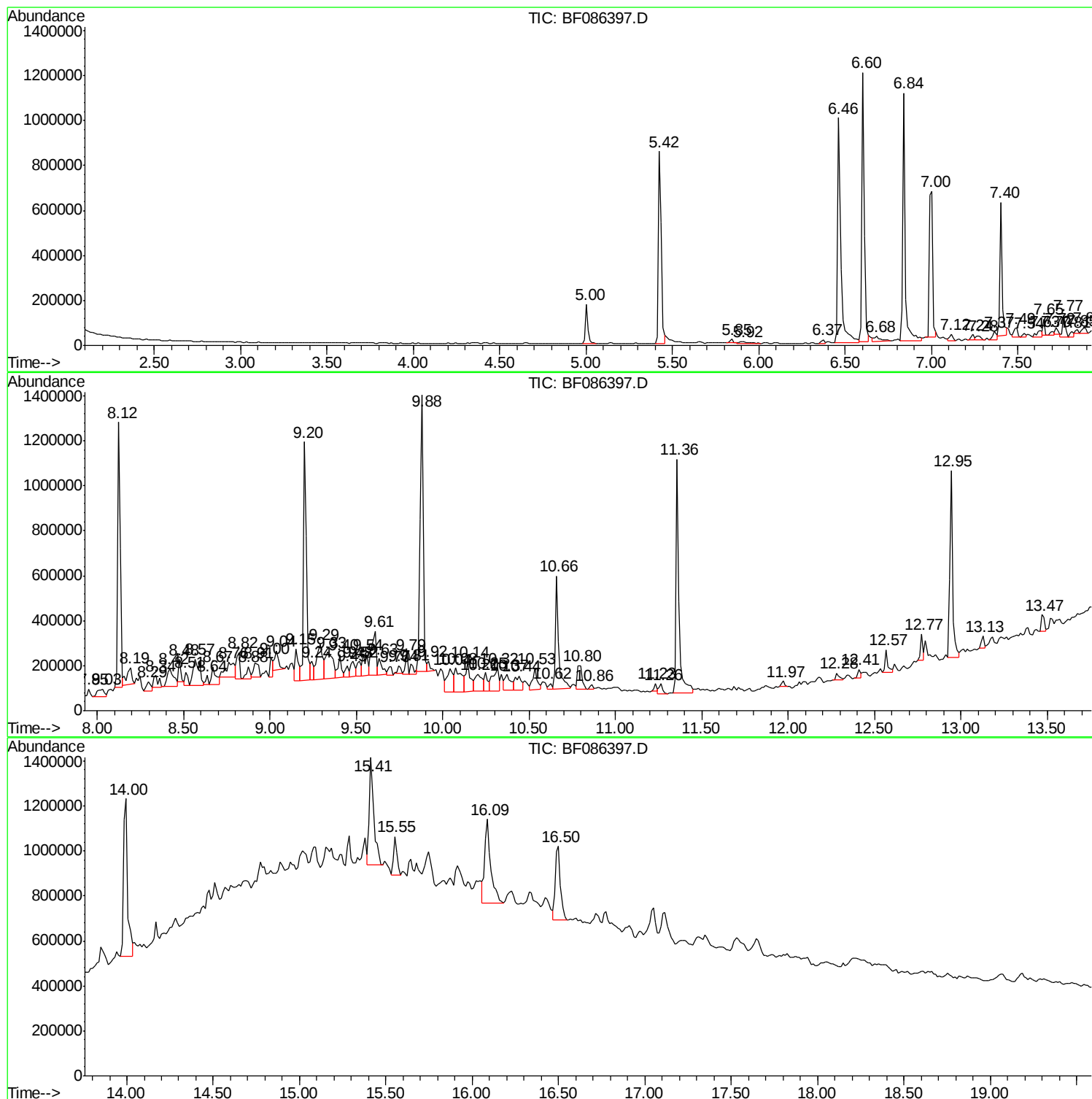
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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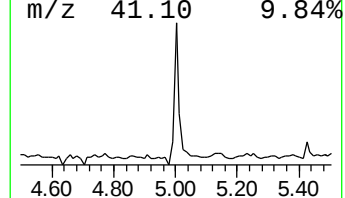
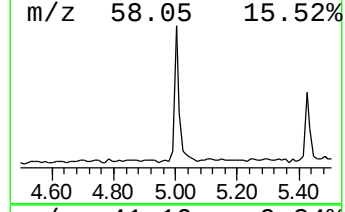
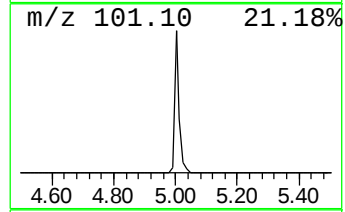
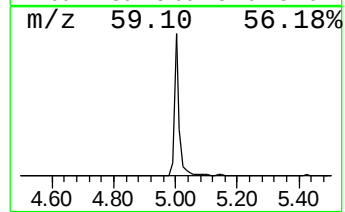
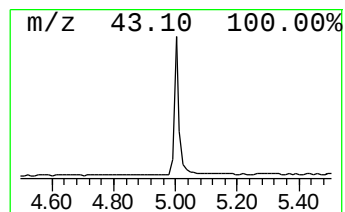
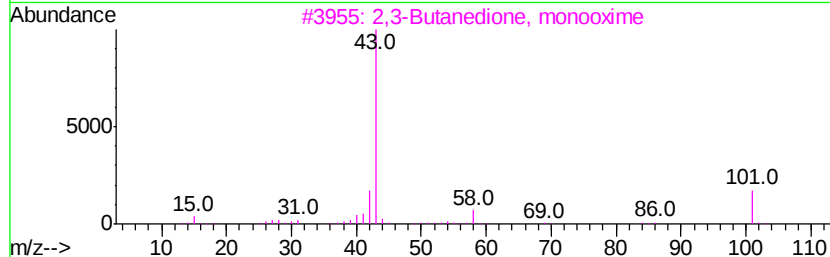
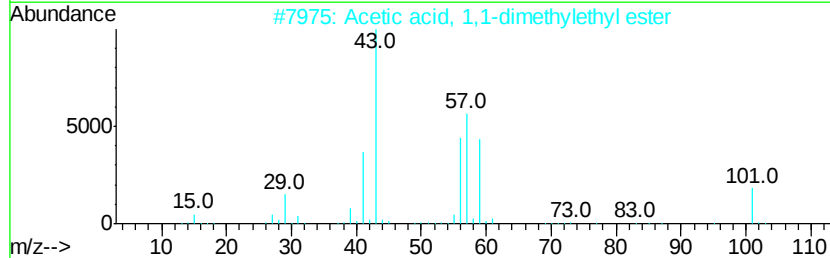
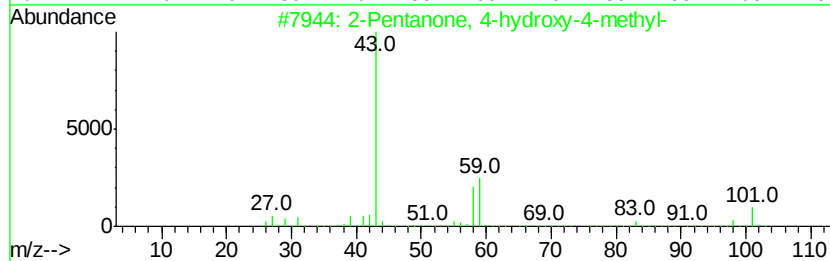
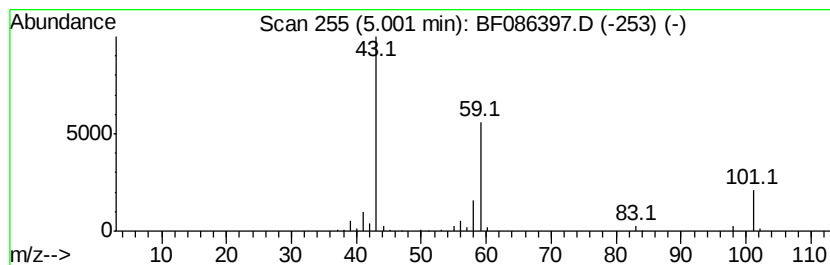
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.40 ng	188893	1,4-Dichlorobenzene-d4	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4			3-Hexanol	102	C6H14O	000623-37-0	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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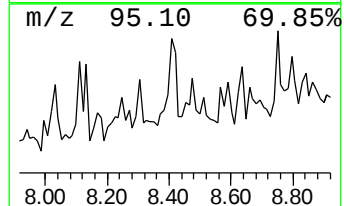
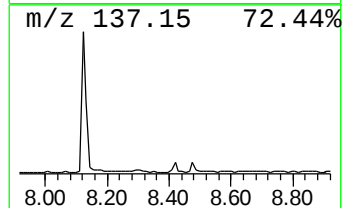
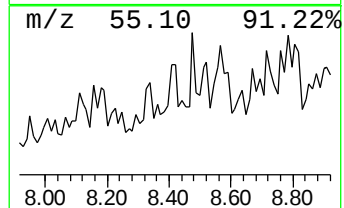
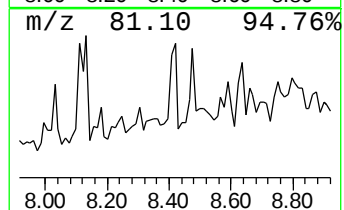
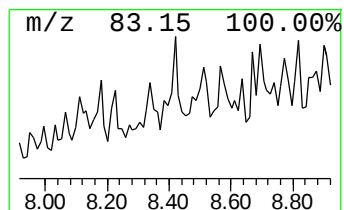
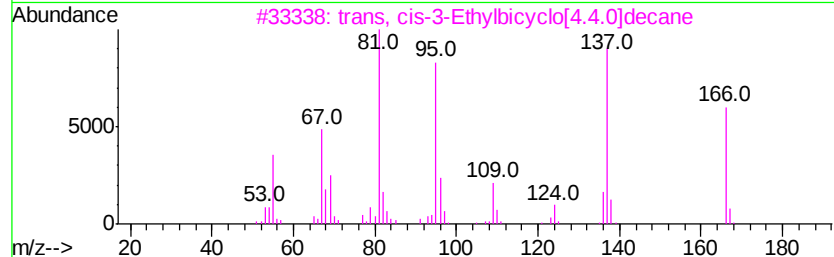
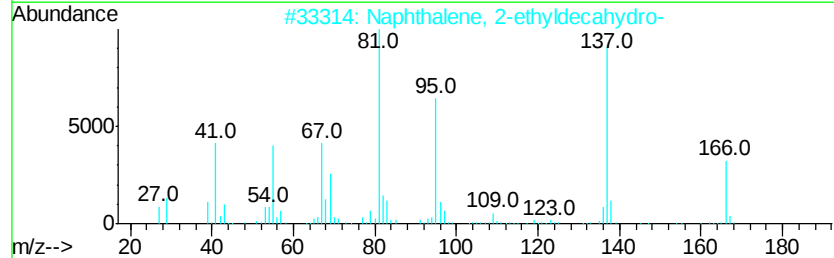
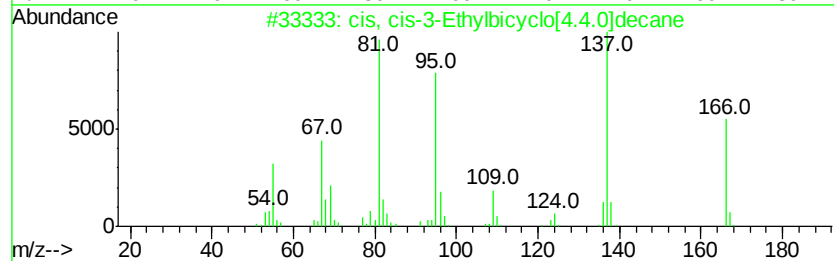
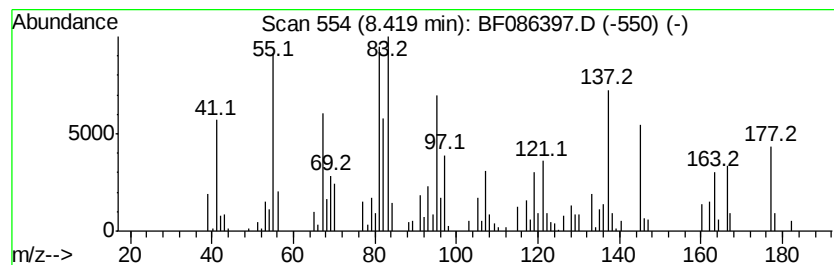
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown8.42 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	3.54 ng	231351	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	46
2		Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	46
3		trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	41
4		trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	41
5		cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	38



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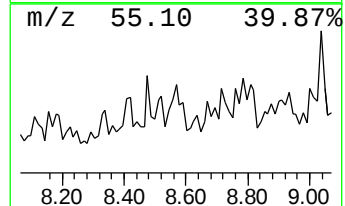
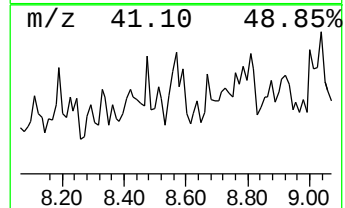
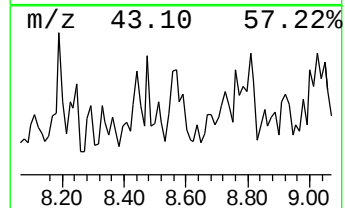
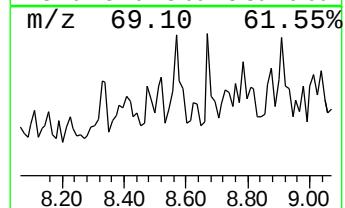
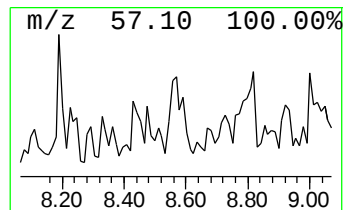
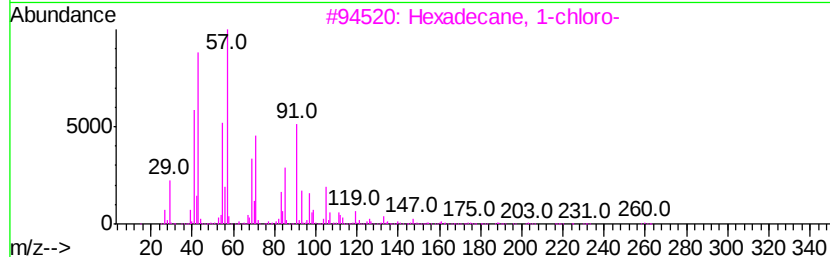
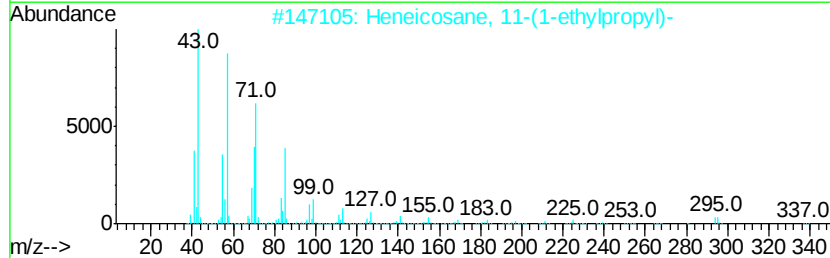
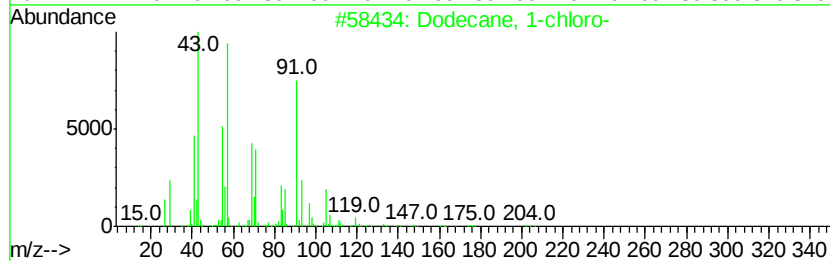
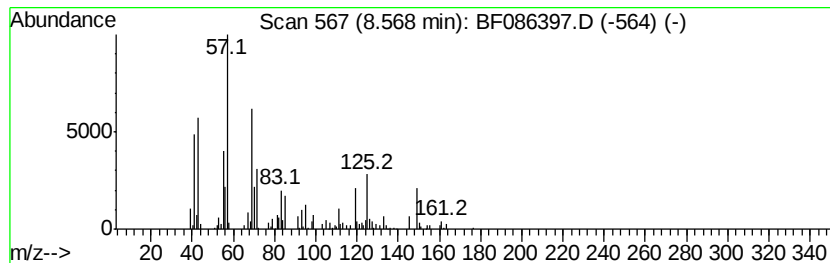
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown8.57 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	4.52 ng	294939	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	22
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	22
3		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	22
4		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	22
5		Nonane	128	C9H20	000111-84-2	22



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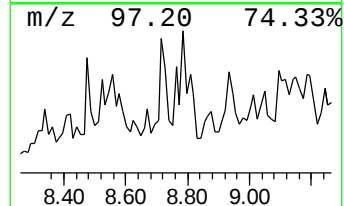
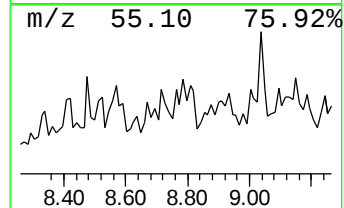
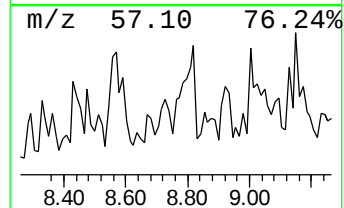
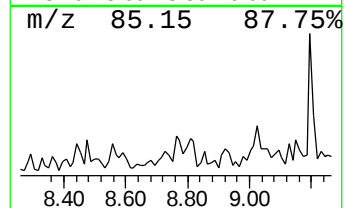
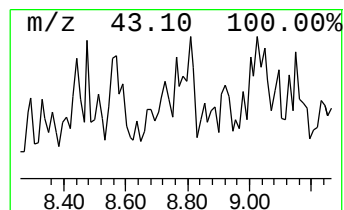
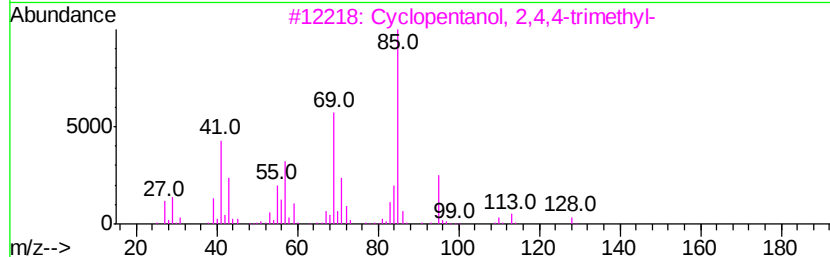
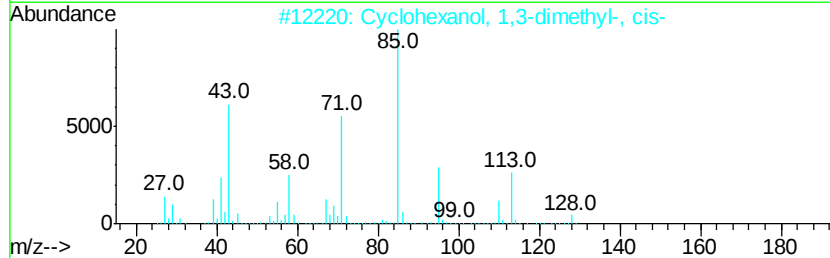
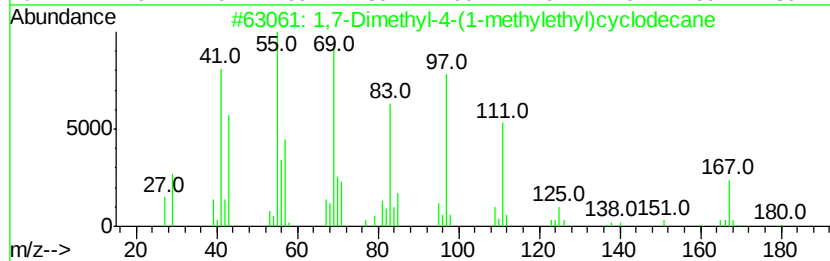
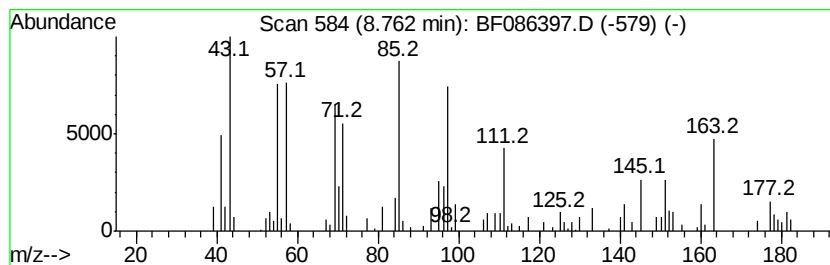
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.76 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	3.66 ng	238916	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,7-Dimethyl-4-(1-methylethyl)cyclodecane	210	C15H30	000645-10-3	27
2		Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	22
3		Cyclopentanol, 2,4,4-trimethyl-	128	C8H16O	056470-83-8	18
4		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	14
5		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086397.D
Acq On : 23 Apr 2016 18:27
Operator : UM/SJ
Sample : H2640-27 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

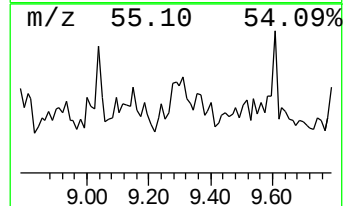
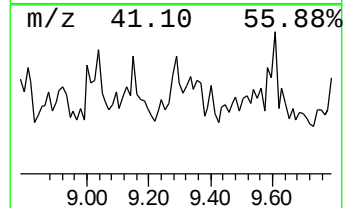
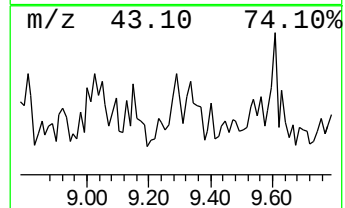
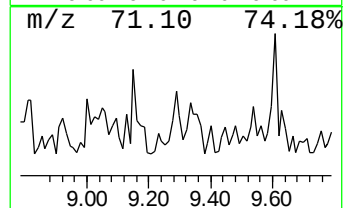
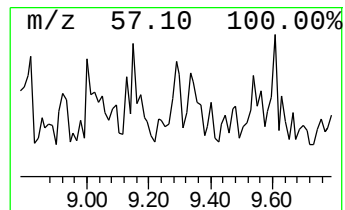
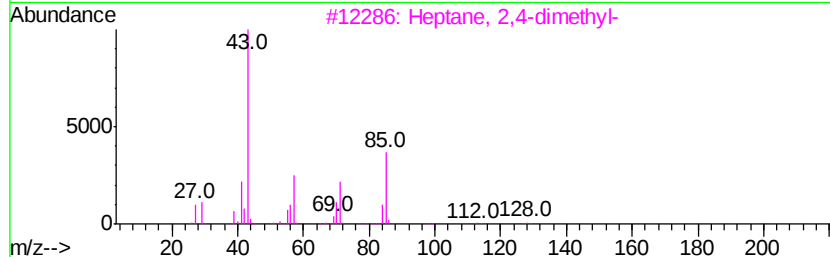
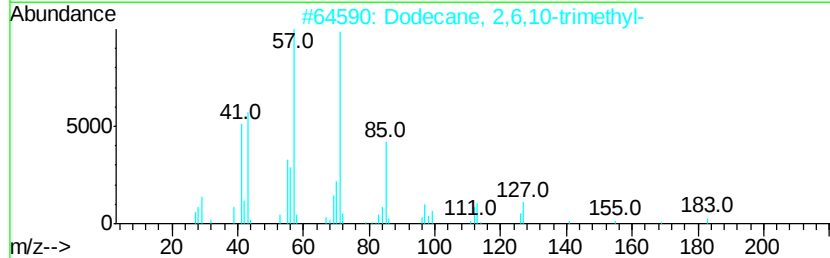
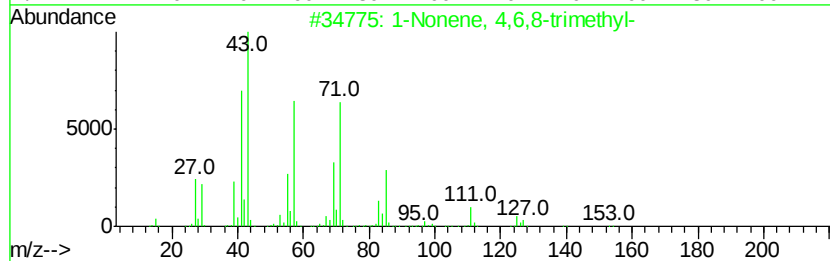
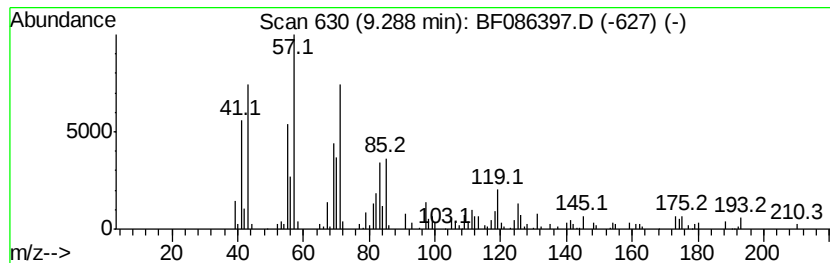
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Nonene, 4,6,8-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.29	4.97 ng	351651	Acenaphthene-d10	9.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	50
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	46
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	43
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086397.D
Acq On : 23 Apr 2016 18:27
Operator : UM/SJ
Sample : H2640-27 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

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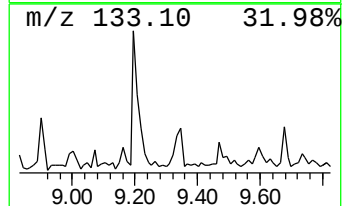
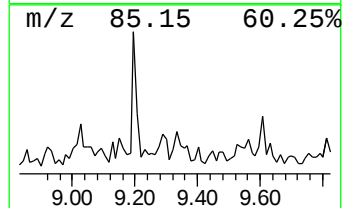
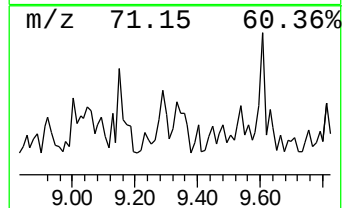
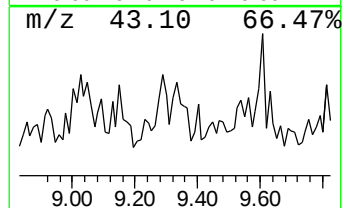
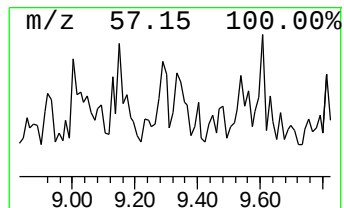
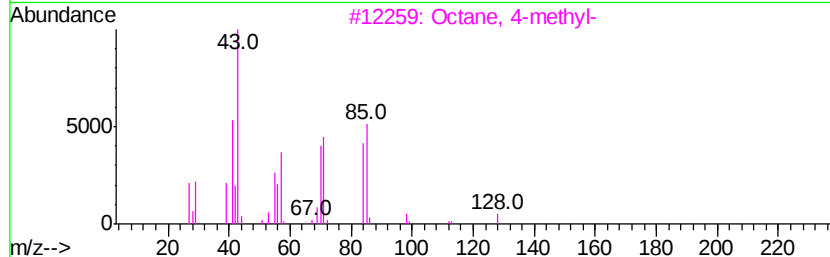
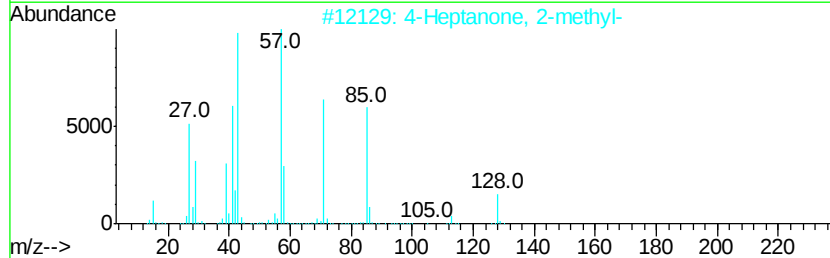
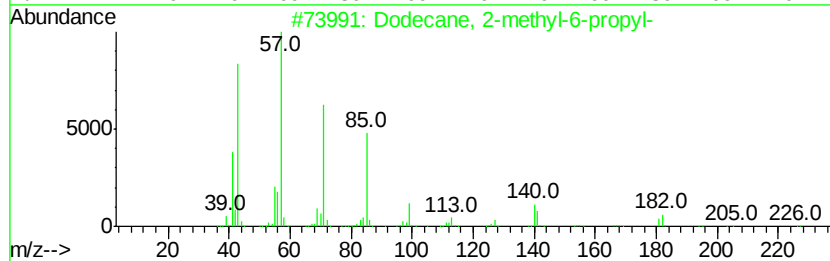
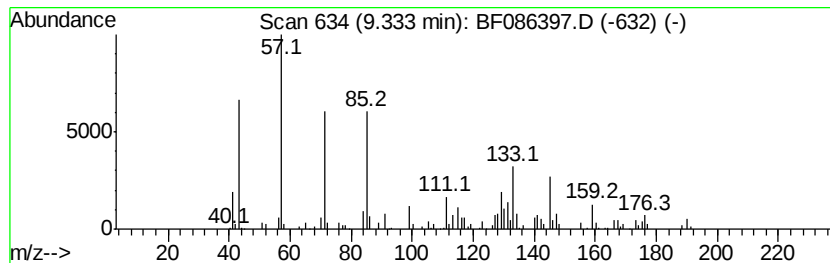
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.33 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	5.14 ng	364236	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	35
2		4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	27
3		Octane, 4-methyl-	128	C9H20	002216-34-4	27
4		Decane, 3-bromo-	220	C10H21Br	030571-71-2	27
5		Heptacosane	380	C27H56	000593-49-7	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086397.D
Acq On : 23 Apr 2016 18:27
Operator : UM/SJ
Sample : H2640-27 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

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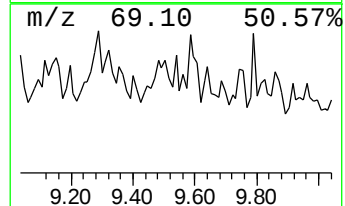
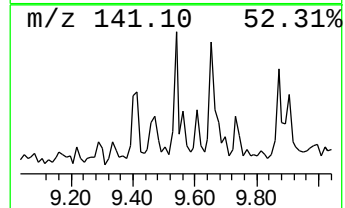
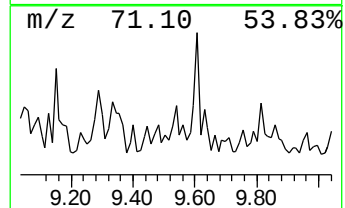
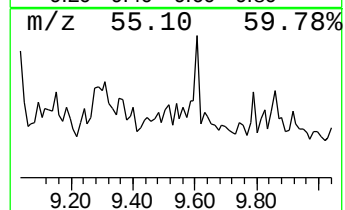
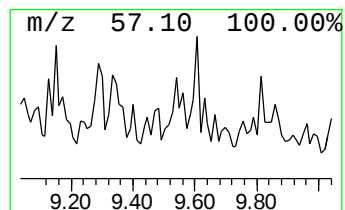
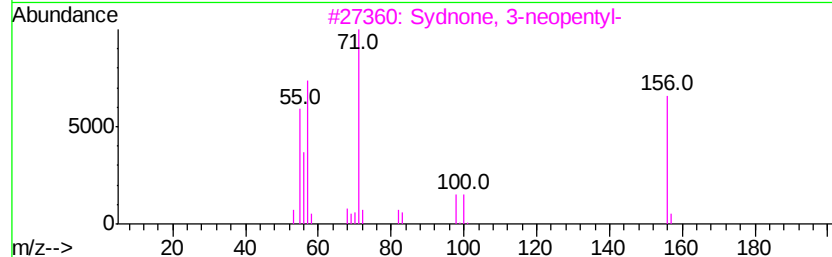
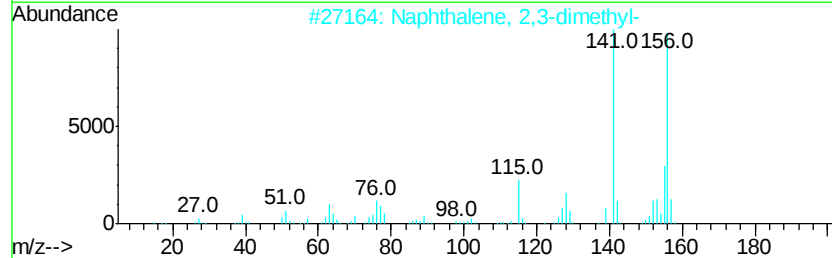
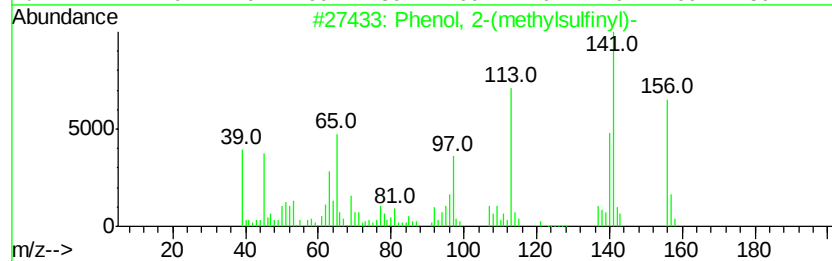
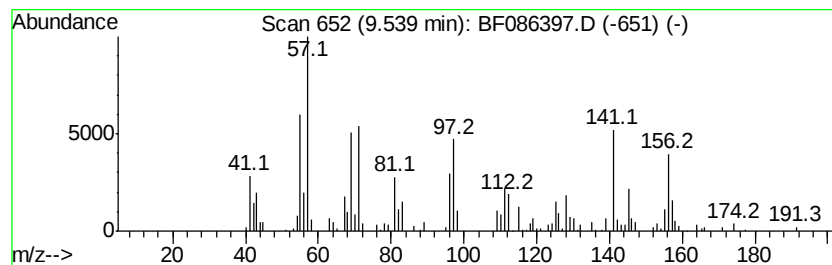
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.54 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	2.69 ng	190436	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-(methylsulfinyl)-	156	C7H8O2S	001074-02-8	27
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	27
3		Svdnone, 3-neopentyl-	156	C7H12N2O2	026537-48-4	14
4		3,4-Dihydro-4,4,6-trimethyl-2-pv...	156	C7H12N2S	005392-23-4	14
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086397.D
Acq On : 23 Apr 2016 18:27
Operator : UM/SJ
Sample : H2640-27 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

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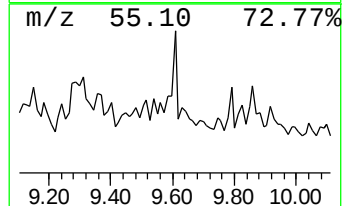
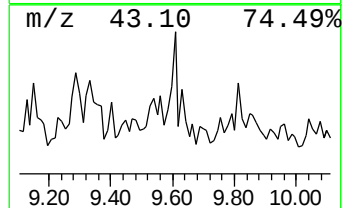
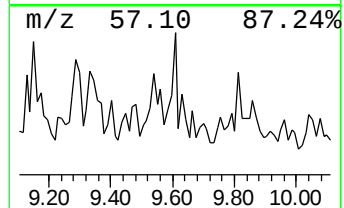
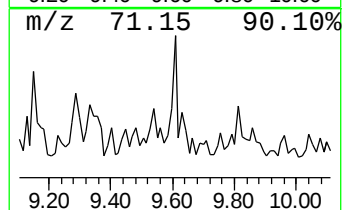
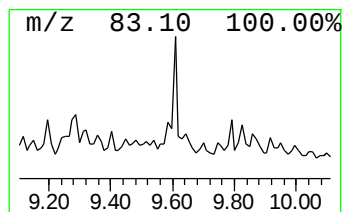
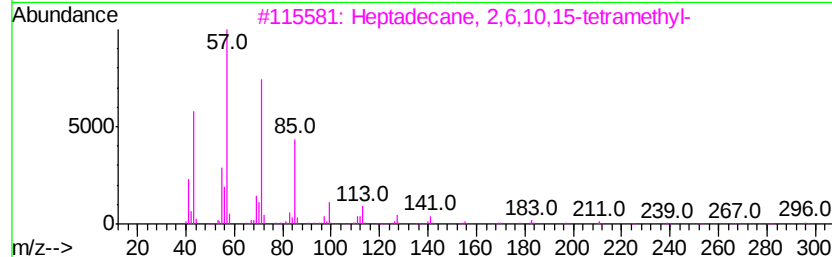
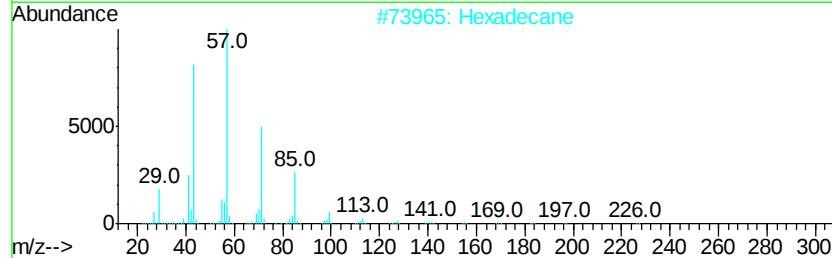
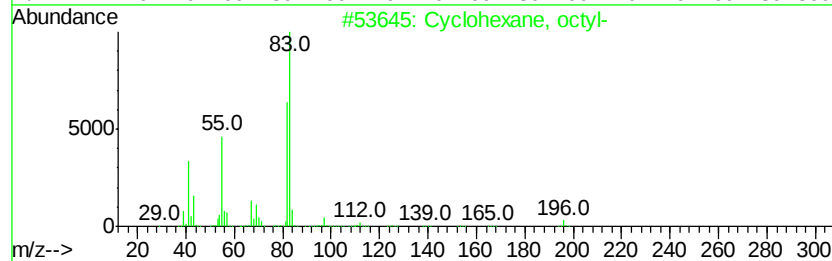
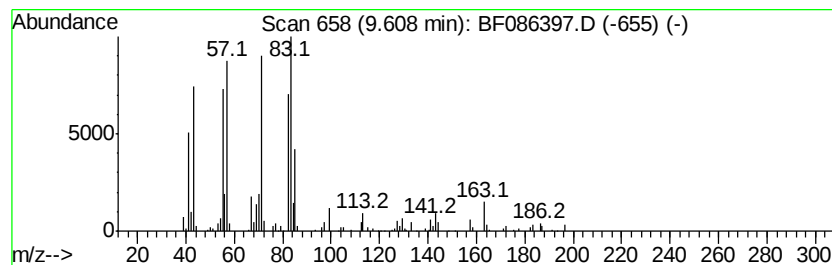
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.61 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	4.86 ng	344436	Acenaphthene-d10	9.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, octyl-	196	C14H28	001795-15-9	46
2			Hexadecane	226	C16H34	000544-76-3	38
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38
4			Heptylcyclohexane	182	C13H26	005617-41-4	38
5			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086397.D
Acq On : 23 Apr 2016 18:27
Operator : UM/SJ
Sample : H2640-27 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

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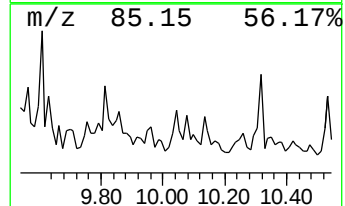
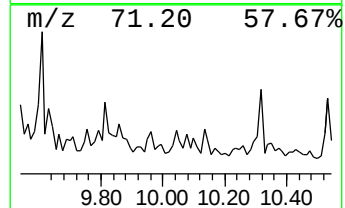
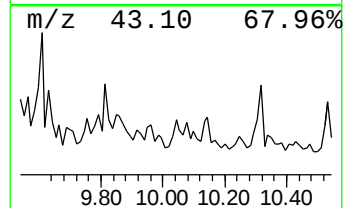
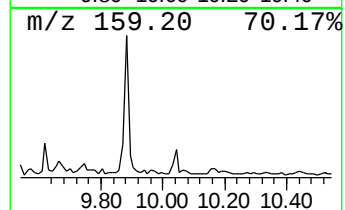
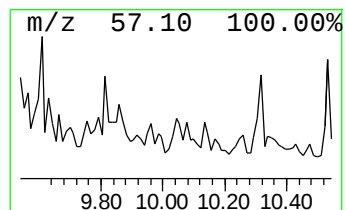
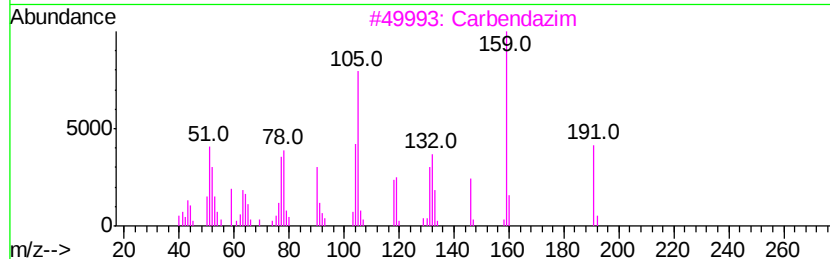
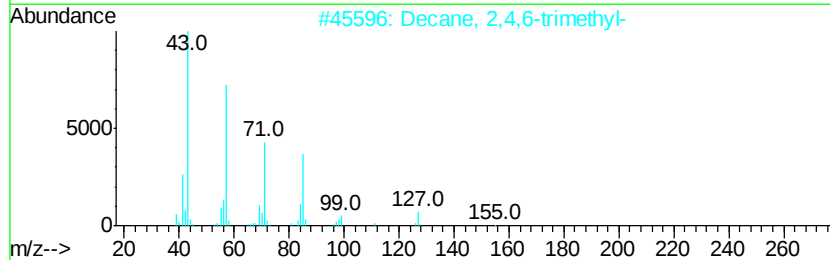
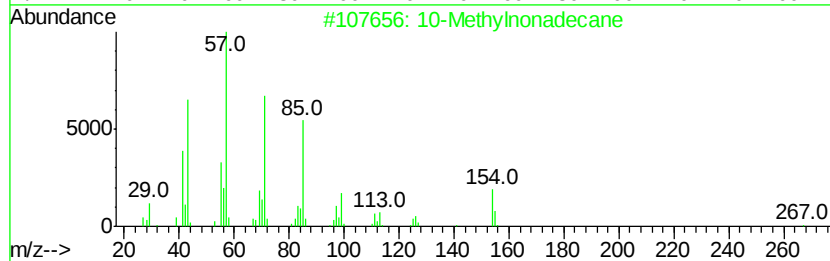
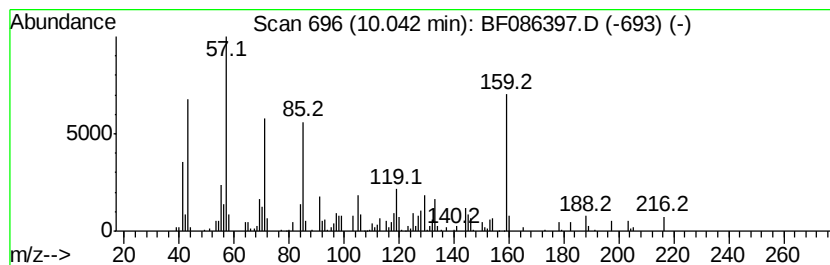
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown10.04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	3.93 ng	278299	Acenaphthene-d10	9.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Methylnonadecane	282	C20H42	056862-62-5	27
2			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	27
3			Carbendazim	191	C9H9N3O2	010605-21-7	25
4			Dodecane	170	C12H26	000112-40-3	18
5			4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086397.D
Acq On : 23 Apr 2016 18:27
Operator : UM/SJ
Sample : H2640-27 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

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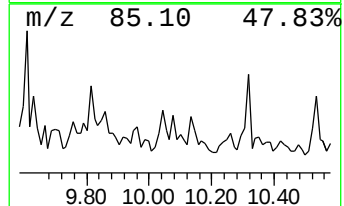
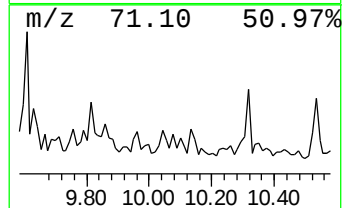
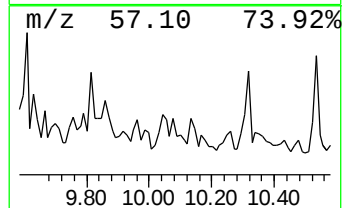
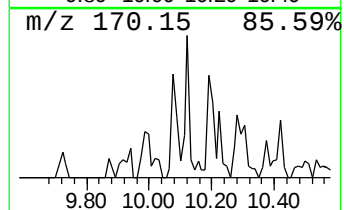
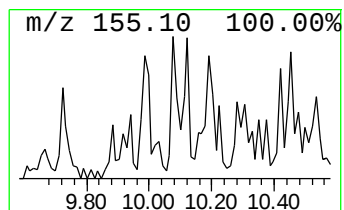
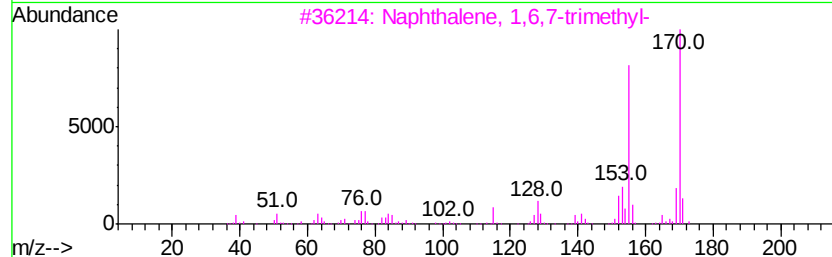
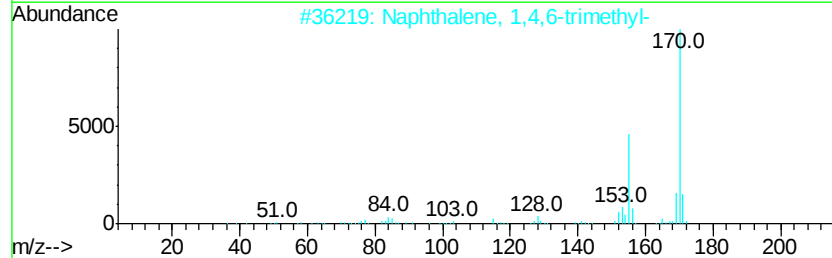
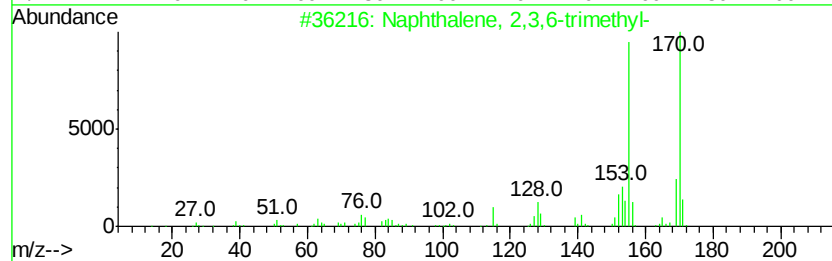
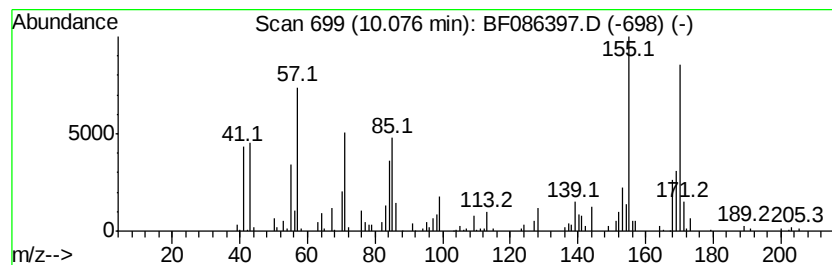
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	3.93 ng	278589	Acenaphthene-d10	9.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	60
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	49
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	49
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	49



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Operator : UM/SJ
Sample : H2640-27 5X
Misc :
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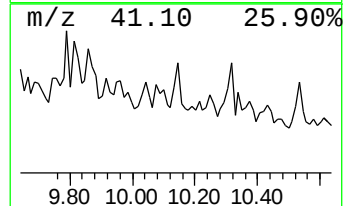
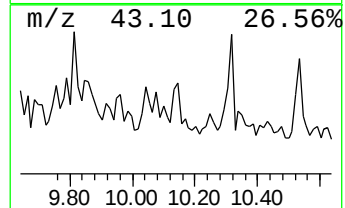
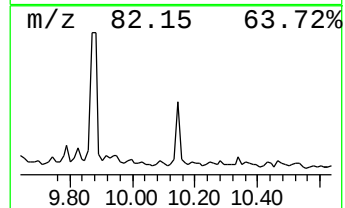
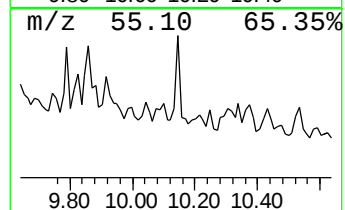
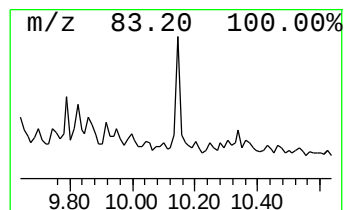
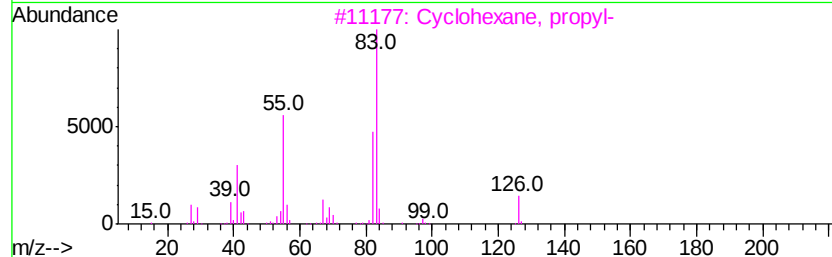
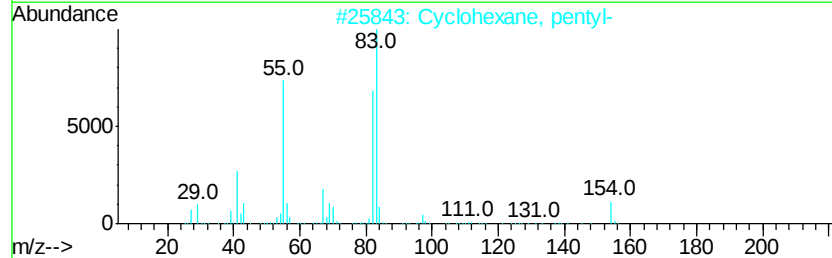
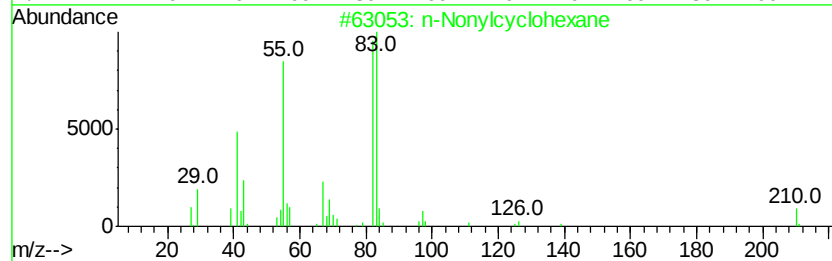
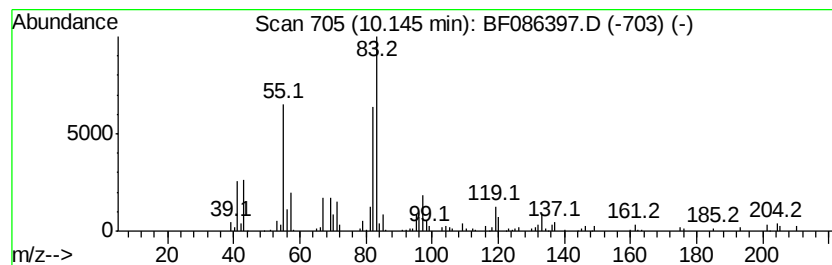
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Nonylcyclohexane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	3.60 ng	255015	Acenaphthene-d10	9.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Nonylcyclohexane	210 C15H30	002883-02-5 59
2		Cyclohexane, pentyl-	154 C11H22	004292-92-6 59
3		Cyclohexane, propyl-	126 C9H18	001678-92-8 53
4		Cyclohexane, butyl-	140 C10H20	001678-93-9 53
5		Cyclopentane, 1-ethyl-1-methyl-	112 C8H16	016747-50-5 50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086397.D
Acq On : 23 Apr 2016 18:27
Operator : UM/SJ
Sample : H2640-27 5X
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ClientSampleId :
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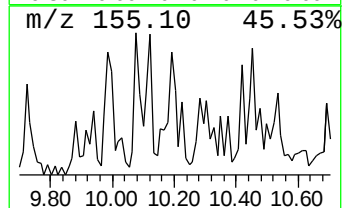
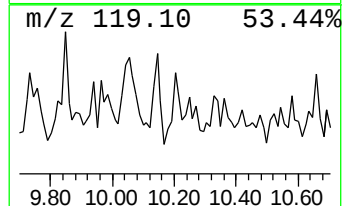
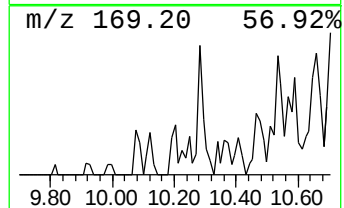
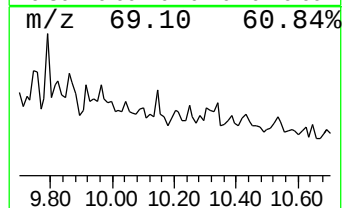
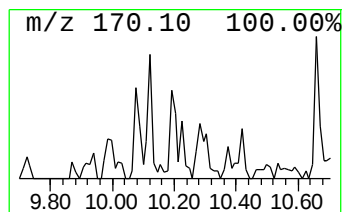
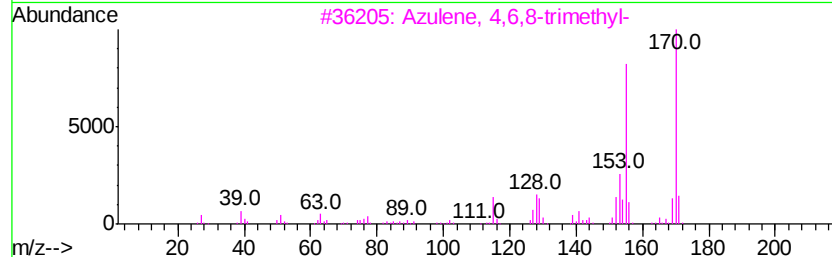
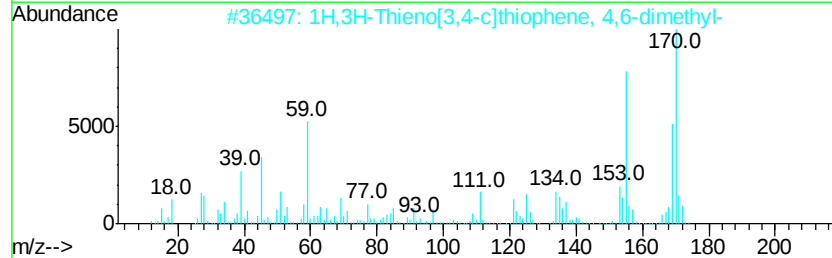
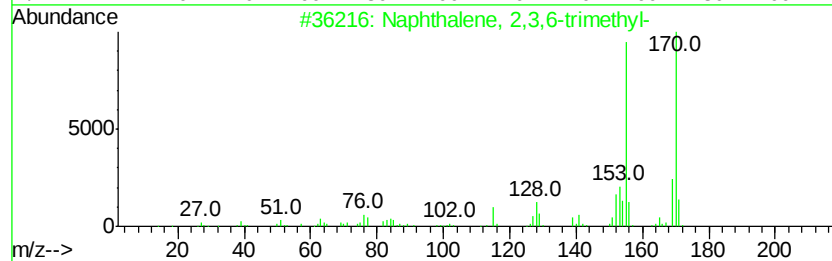
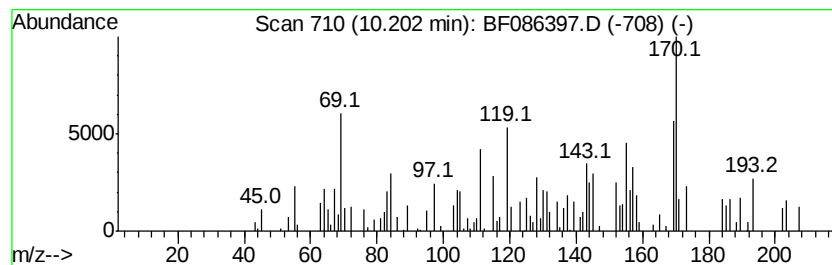
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.20 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	3.05 ng	215965	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38
2		1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	38
3		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	30
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	30
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086397.D
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Operator : UM/SJ
Sample : H2640-27 5X
Misc :
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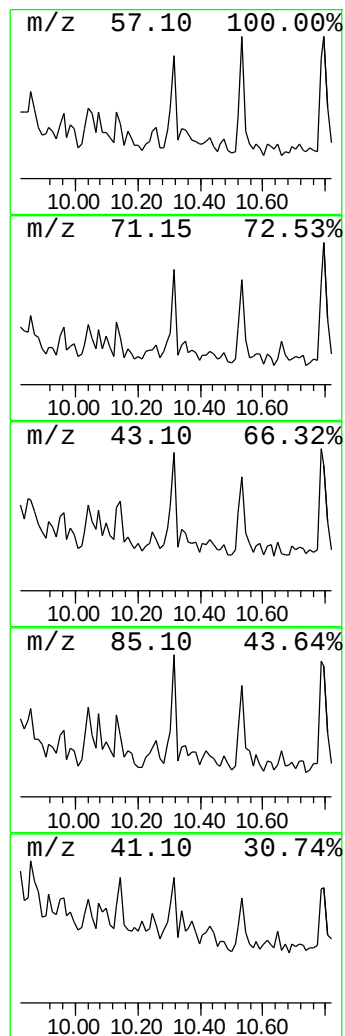
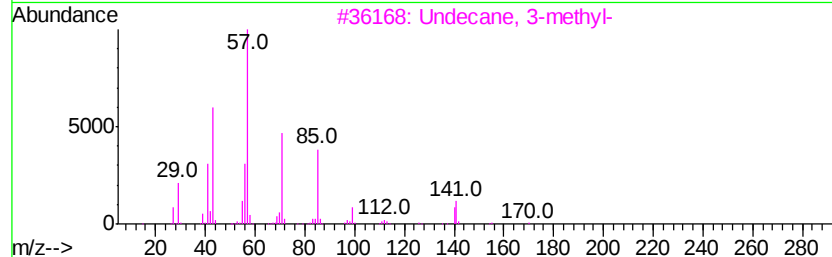
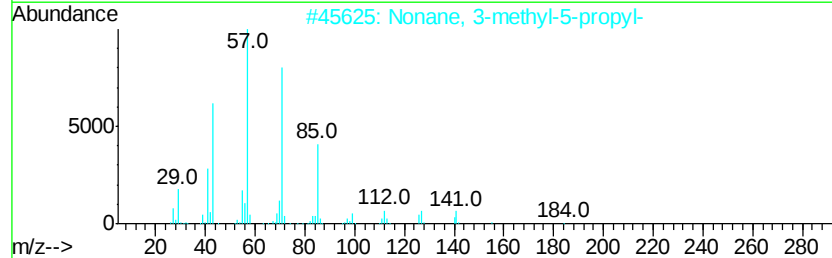
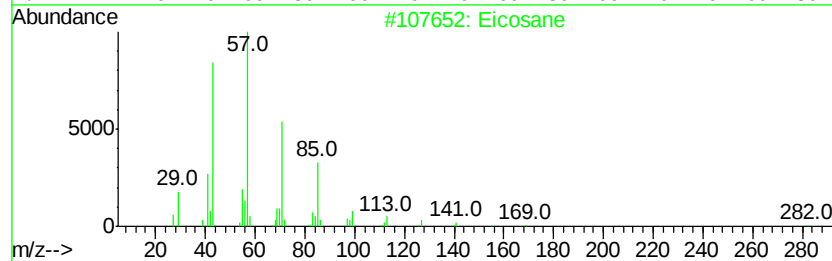
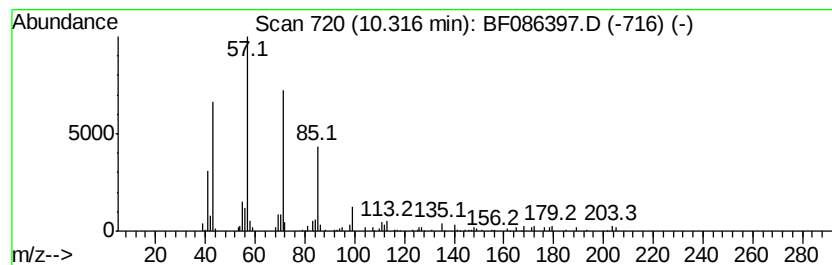
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.32	3.45 ng	244424	Acenaphthene-d10		9.88
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	80
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
4	Hexadecane	226	C16H34	000544-76-3	53
5	Tridecane	184	C13H28	000629-50-5	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
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Operator : UM/SJ
Sample : H2640-27 5X
Misc :
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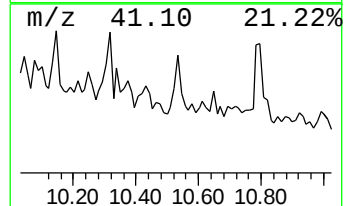
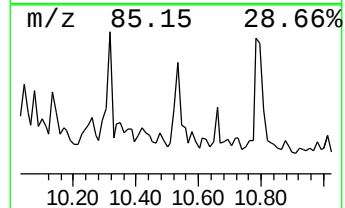
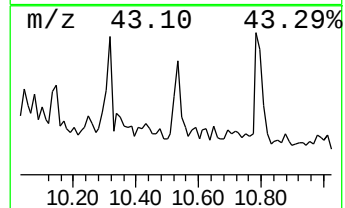
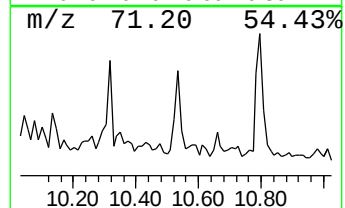
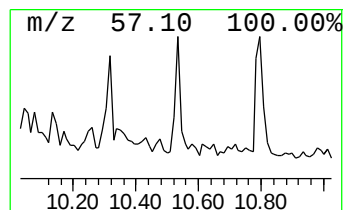
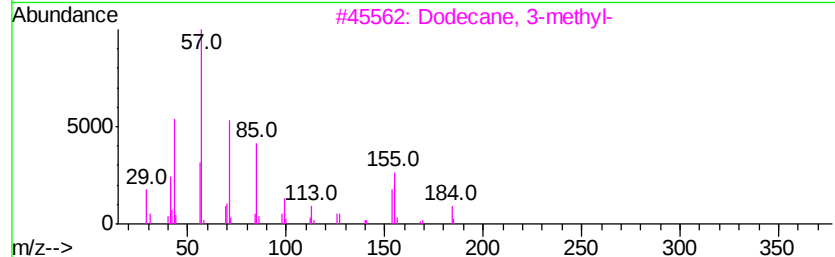
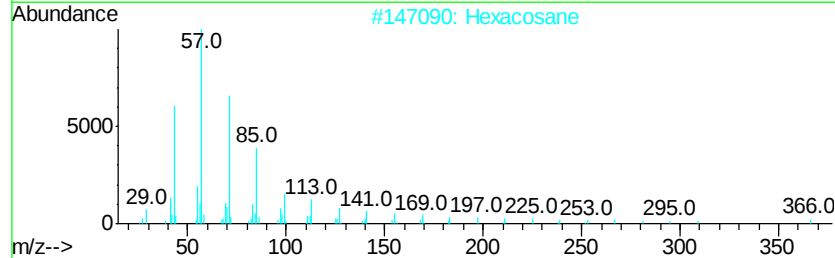
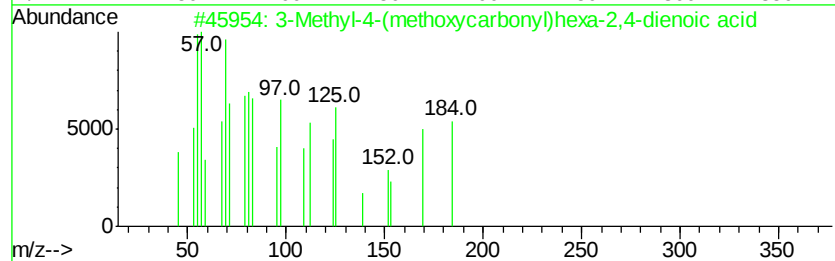
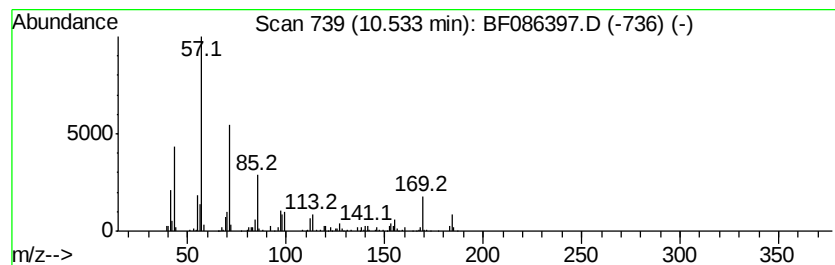
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 3-Methyl-4-(methoxycarbonyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	2.61 ng	185108	Acenaphthene-d10	9.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184 C9H12O4	1000104-10-8	90
2	Hexacosane	366 C26H54	000630-01-3	72
3	Dodecane, 3-methyl-	184 C13H28	017312-57-1	68
4	Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0	64
5	Heptacosane	380 C27H56	000593-49-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086397.D
Acq On : 23 Apr 2016 18:27
Operator : UM/SJ
Sample : H2640-27 5X
Misc :
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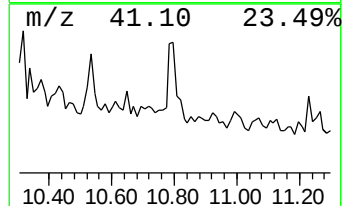
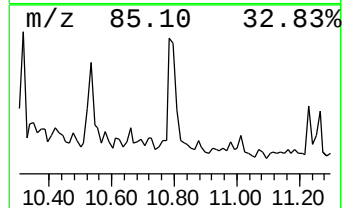
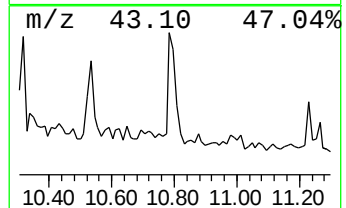
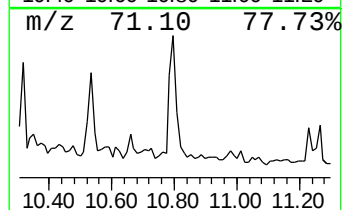
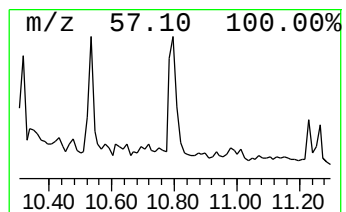
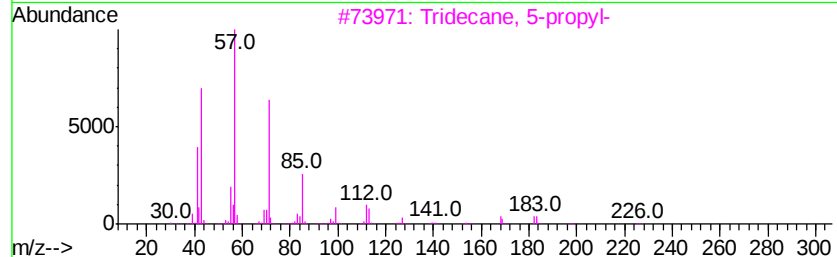
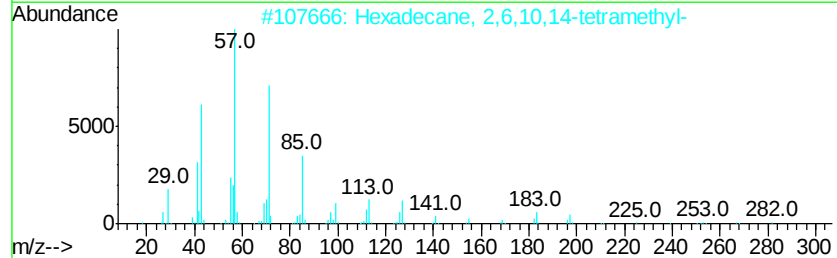
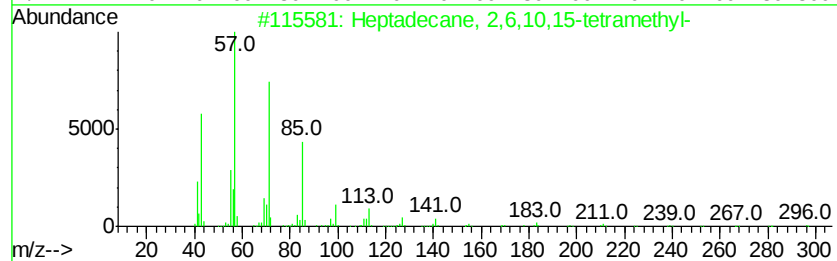
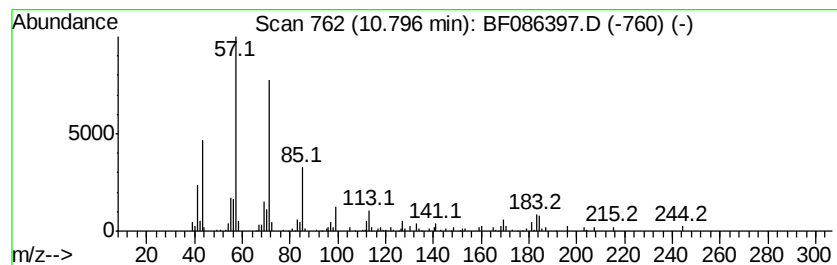
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane, 2,6,10,15-tetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.79 ng	175868	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
4		Heptacosane	380	C27H56	000593-49-7	86
5		Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086397.D
Acq On : 23 Apr 2016 18:27
Operator : UM/SJ
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Misc :
ALS Vial : 41 Sample Multiplier: 1

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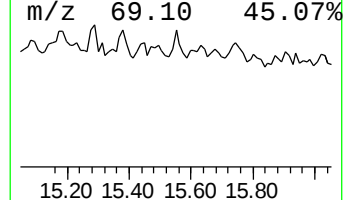
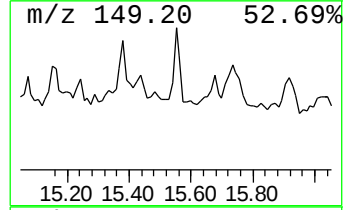
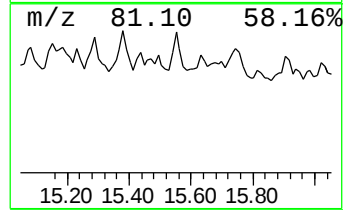
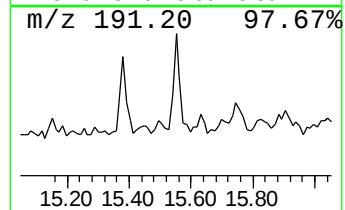
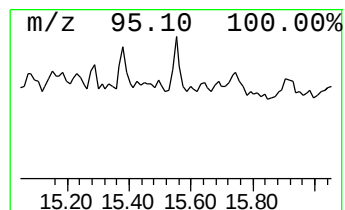
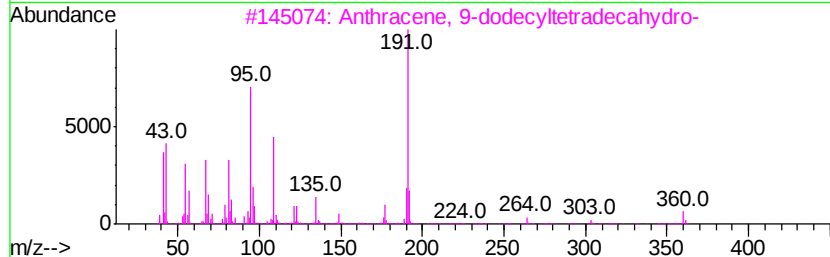
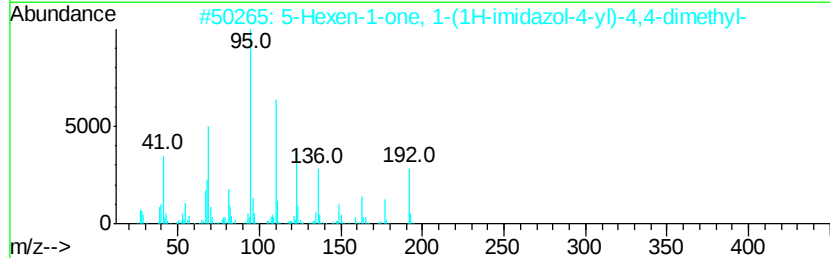
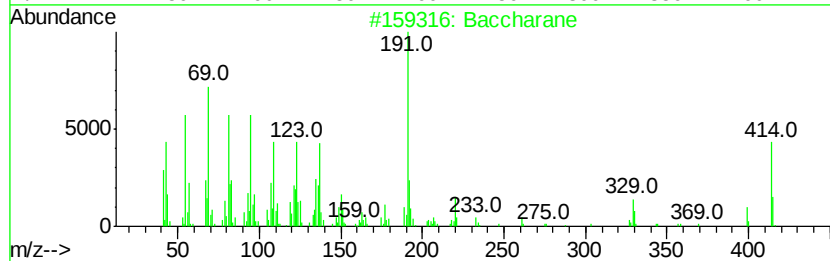
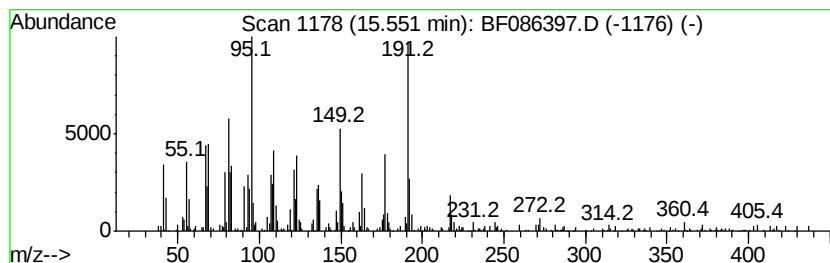
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown15.55 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	6.24 ng	248886	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Baccharane	414	C30H54	036441-74-4	43
2		5-Hexen-1-one, 1-(1H-imidazol-4-yl)-4,4-dimethyl-	192	C11H16N2O	069393-41-5	41
3		Anthracene, 9-dodecyltetradecahydro-	360	C26H48	055401-75-7	35
4		9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	25
5		Pyrrolidine, 1-(9-borabicyclo[3.3.1]non-2-yl)-	191	C12H22BN	022516-41-2	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
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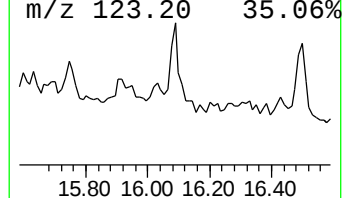
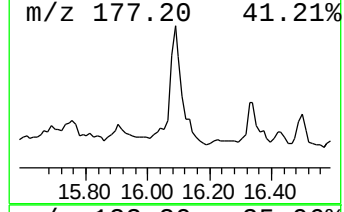
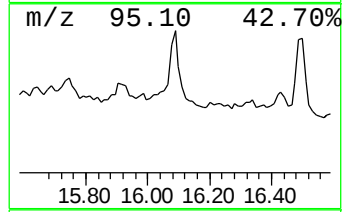
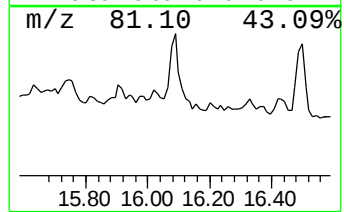
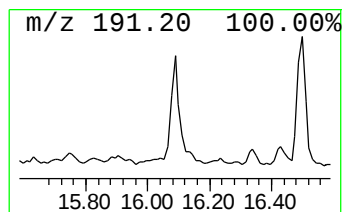
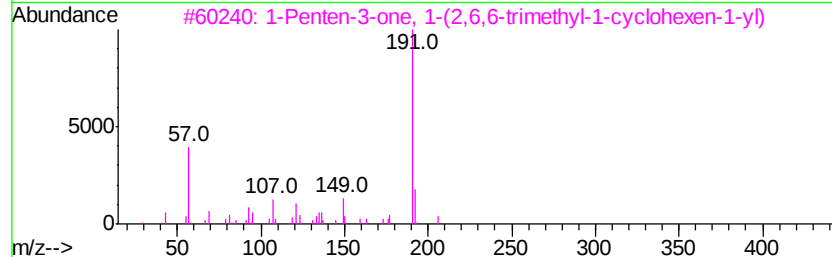
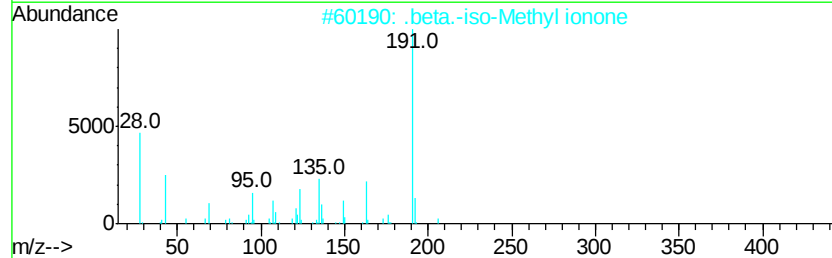
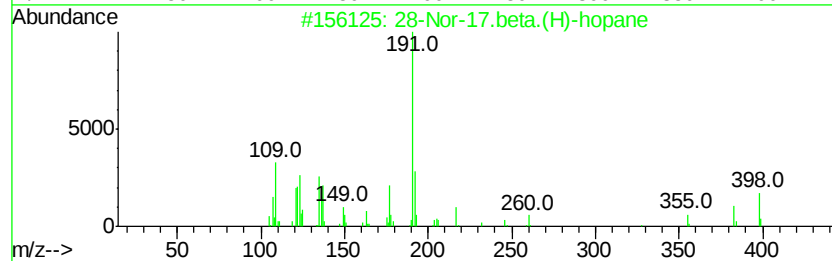
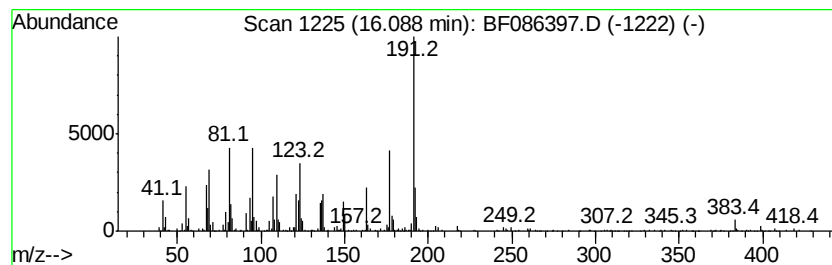
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 28-Nor-17.beta.(H)-hopane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	23.21 ng	925604	Perylene-d12	15.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		28-Nor-17.beta.(H)-hopane	398 C29H50	036728-72-0 59
2		.beta.-iso-Methyl ionone	206 C14H22O	1000285-40-2 50
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206 C14H22O	000127-43-5 38
4		1-Cyclohexene, 1,3,3-trimethyl-2...	206 C14H22O	1000197-08-4 37
5		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206 C14H22O	1000195-40-9 32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086397.D
Acq On : 23 Apr 2016 18:27
Operator : UM/SJ
Sample : H2640-27 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B3(0-5)-C

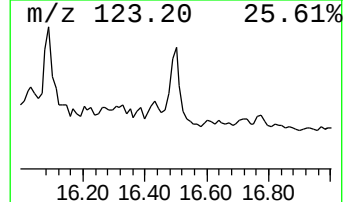
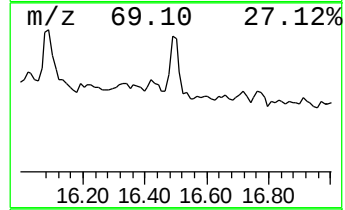
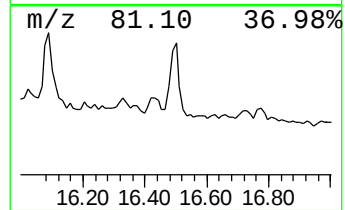
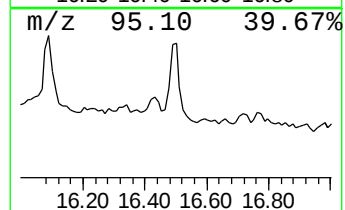
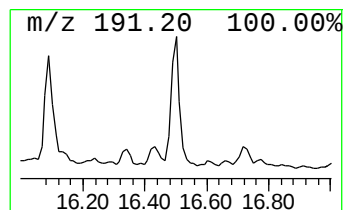
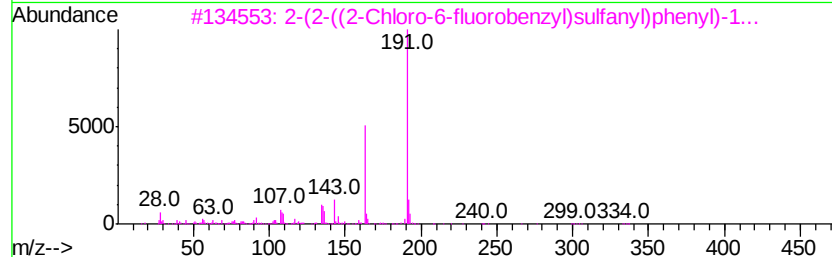
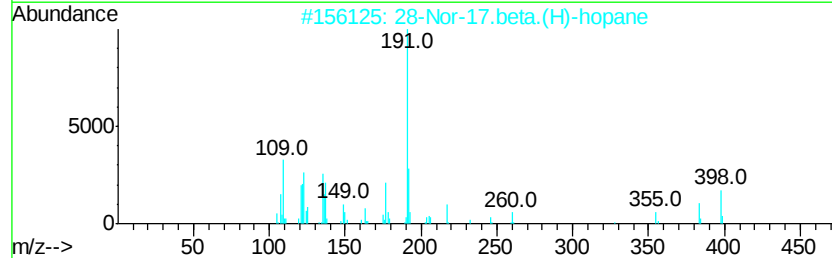
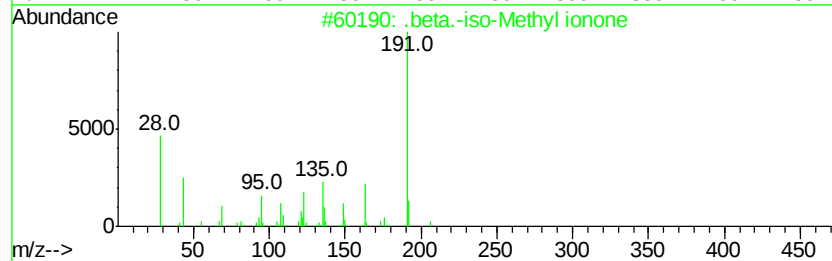
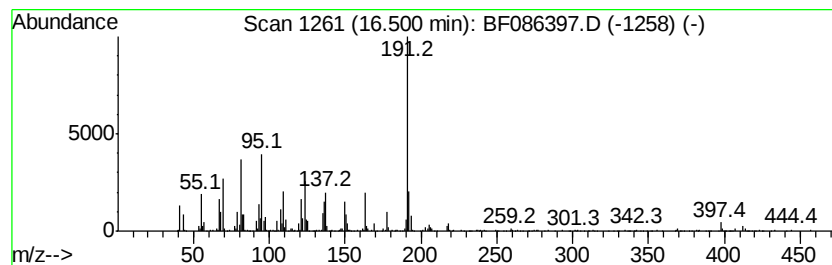
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown16.50 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	16.78 ng	669135	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	49
2		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	45
3		2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	38
4		4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	35
5		Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086397.D
 Acq On : 23 Apr 2016 18:27
 Operator : UM/SJ
 Sample : H2640-27 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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
2-Pentanone, 4-hy...	5.00	3.4	ng	188893	1	6.84	1111570	20.0
unknown8.42	8.42	3.5	ng	231351	2	8.12	1305810	20.0
unknown8.57	8.57	4.5	ng	294939	2	8.12	1305810	20.0
unknown8.76	8.76	3.7	ng	238916	2	8.12	1305810	20.0
1-Nonene, 4,6,8-t...	9.29	5.0	ng	351651	3	9.88	1416030	20.0
unknown9.33	9.33	5.1	ng	364236	3	9.88	1416030	20.0
unknown9.54	9.54	2.7	ng	190436	3	9.88	1416030	20.0
unknown9.61	9.61	4.9	ng	344436	3	9.88	1416030	20.0
unknown10.04	10.04	3.9	ng	278299	3	9.88	1416030	20.0
Naphthalene, 2,3,...	10.08	3.9	ng	278589	3	9.88	1416030	20.0
n-Nonylcyclohexane	10.14	3.6	ng	255015	3	9.88	1416030	20.0
unknown10.20	10.20	3.0	ng	215965	3	9.88	1416030	20.0
Eicosane	10.32	3.5	ng	244424	3	9.88	1416030	20.0
3-Methyl-4-(metho...	10.53	2.6	ng	185108	3	9.88	1416030	20.0
Heptadecane, 2,6,...	10.80	2.8	ng	175868	4	11.36	1258920	20.0
unknown15.55	15.55	6.2	ng	248886	6	15.41	797511	20.0
28-Nor-17.beta.(H...	16.09	23.2	ng	925604	6	15.41	797511	20.0
unknown16.50	16.50	16.8	ng	669135	6	15.41	797511	20.0