

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
 Data File : BF086505.D
 Acq On : 29 Apr 2016 21:24
 Operator : UM/SJ
 Sample : H2757-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4(8-10)

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-BF042716.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.212	8	11	24	rVB	77372	199438	4.08%	0.334%
2	3.664	134	138	141	rBV	38467	66645	1.36%	0.111%
3	4.956	248	251	259	rBV	281322	431853	8.84%	0.722%
4	5.378	285	288	290	rBV	3967676	4684923	95.88%	7.835%
5	6.419	376	379	382	rBV	3523756	4556107	93.25%	7.620%
6	6.544	388	390	393	rBV	3946798	4393534	89.92%	7.348%
7	6.773	408	410	413	rBV	943592	1010192	20.68%	1.690%
8	6.933	421	424	427	rBV	3658981	3562388	72.91%	5.958%
9	7.344	457	460	463	rBV	2842342	3171142	64.90%	5.304%
10	7.447	466	469	476	rVB	82896	184325	3.77%	0.308%
11	7.802	498	500	503	rBV3	27731	50301	1.03%	0.084%
12	7.882	503	507	510	rVB	46701	58596	1.20%	0.098%
13	8.064	520	523	525	rBV	1392729	1475255	30.19%	2.467%
14	8.773	583	585	589	rVB	70765	76282	1.56%	0.128%
15	8.876	592	594	596	rBV	83473	83223	1.70%	0.139%
16	9.139	614	617	620	rBV	3397905	4886050	100.00%	8.172%
17	9.230	623	625	630	rVB2	78317	131063	2.68%	0.219%
18	9.413	637	641	645	rBV3	45859	120911	2.47%	0.202%
19	9.470	645	646	650	rVV3	71948	166083	3.40%	0.278%
20	9.539	650	652	654	rVV	973435	910584	18.64%	1.523%
21	9.607	654	658	659	rVB2	39375	82872	1.70%	0.139%
22	9.676	662	664	666	rBV	125047	107183	2.19%	0.179%
23	9.756	669	671	673	rBV	221023	169619	3.47%	0.284%
24	9.813	674	676	678	rVV	1358253	1358661	27.81%	2.272%
25	9.847	678	679	681	rVB	330408	257133	5.26%	0.430%
26	9.973	688	690	692	rBV3	43442	88690	1.82%	0.148%
27	10.019	692	694	696	rVV	172716	196098	4.01%	0.328%
28	10.133	700	704	705	rVB3	33023	63471	1.30%	0.106%
29	10.225	710	712	713	rBV	75763	82861	1.70%	0.139%
30	10.259	713	715	716	rVB	167005	170614	3.49%	0.285%
31	10.362	722	724	727	rBV	234753	252042	5.16%	0.422%
32	10.442	727	731	732	rBV2	37069	112488	2.30%	0.188%
33	10.476	732	734	735	rVV	82287	84682	1.73%	0.142%
34	10.522	736	738	740	rVB	75003	77259	1.58%	0.129%

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35	10.602	742	745	748 rBV	2298554	2392570	48.97%	4.001%
36	10.728	754	756	760 rVB	330140	377148	7.72%	0.631%
37	10.933	770	774	777 rVV4	57863	130140	2.66%	0.218%
38	11.105	787	789	791 rVB	82427	89864	1.84%	0.150%
39	11.150	791	793	794 rBV	63592	88382	1.81%	0.148%
40	11.173	794	795	796 rBV	182309	148933	3.05%	0.249%
41	11.299	804	806	807 rBV	1055917	1315503	26.92%	2.200%
42	11.322	807	808	810 rVV	2305693	1820127	37.25%	3.044%
43	11.368	810	812	814 rVB	397975	432099	8.84%	0.723%
44	11.528	824	826	830 rBV2	74755	126954	2.60%	0.212%
45	11.596	830	832	834 rBV	137685	133915	2.74%	0.224%
46	11.802	847	850	851 rBV	173185	266700	5.46%	0.446%
47	11.825	851	852	854 rVB	320620	267003	5.46%	0.447%
48	11.871	854	856	857 rBV	115338	98062	2.01%	0.164%
49	11.905	857	859	864 rVB	407044	633017	12.96%	1.059%
50	12.008	867	868	871 rVB2	57118	56526	1.16%	0.095%
51	12.099	873	876	877 rBV	104516	209342	4.28%	0.350%
52	12.351	896	898	899 rBV	131202	155476	3.18%	0.260%
53	12.385	899	901	903 rVV2	88267	140118	2.87%	0.234%
54	12.431	903	905	909 rVB2	125512	168881	3.46%	0.282%
55	12.511	909	912	914 rBV	2206651	2228196	45.60%	3.727%
56	12.556	914	916	919 rVB2	31370	56268	1.15%	0.094%
57	12.659	922	925	928 rVB3	52925	100886	2.06%	0.169%
58	12.739	928	932	934 rBV	1542548	2336129	47.81%	3.907%
59	12.888	942	945	947 rVB	2545363	3043283	62.29%	5.090%
60	12.956	948	951	953 rBV2	105225	162640	3.33%	0.272%
61	13.059	956	960	962 rVB2	216210	349287	7.15%	0.584%
62	13.128	964	966	967 rVB2	139435	142272	2.91%	0.238%
63	13.162	967	969	973 rVB2	206266	267623	5.48%	0.448%
64	13.254	975	977	978 rBV	92476	66905	1.37%	0.112%
65	13.288	978	980	982 rVB	92412	74353	1.52%	0.124%
66	13.562	1002	1004	1008 rVB	88390	131816	2.70%	0.220%
67	13.676	1011	1014	1015 rBV	126193	198128	4.05%	0.331%
68	13.779	1021	1023	1027 rVB2	228721	325673	6.67%	0.545%
69	13.928	1032	1036	1043 rBV2	1192705	2871156	58.76%	4.802%
70	14.031	1043	1045	1047 rVB	150589	128085	2.62%	0.214%
71	14.316	1067	1070	1071 rBV	95205	116927	2.39%	0.196%

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72	14.351	1071	1073	1074	rVB	51089	67686	1.39%	0.113%
73	14.408	1076	1078	1079	rVB2	67189	69059	1.41%	0.115%
74	14.614	1094	1096	1097	rBV	52553	68683	1.41%	0.115%
75	14.934	1121	1124	1129	rBV	613193	1271668	26.03%	2.127%
76	15.025	1130	1132	1135	rVB2	99897	148679	3.04%	0.249%
77	15.208	1146	1148	1151	rVB	326286	462999	9.48%	0.774%
78	15.265	1151	1153	1156	rVV	488859	637251	13.04%	1.066%
79	15.322	1156	1158	1166	rVB2	430353	907585	18.58%	1.518%
80	15.768	1195	1197	1199	rBV	36139	55893	1.14%	0.093%
81	16.522	1258	1263	1267	rBV3	41525	130277	2.67%	0.218%
82	16.671	1272	1276	1281	rVV2	175609	386929	7.92%	0.647%
83	16.831	1287	1290	1292	rBV	31298	61398	1.26%	0.103%
84	17.071	1307	1311	1318	rVB	161950	414879	8.49%	0.694%
85	17.277	1327	1329	1337	rVB2	46193	136344	2.79%	0.228%

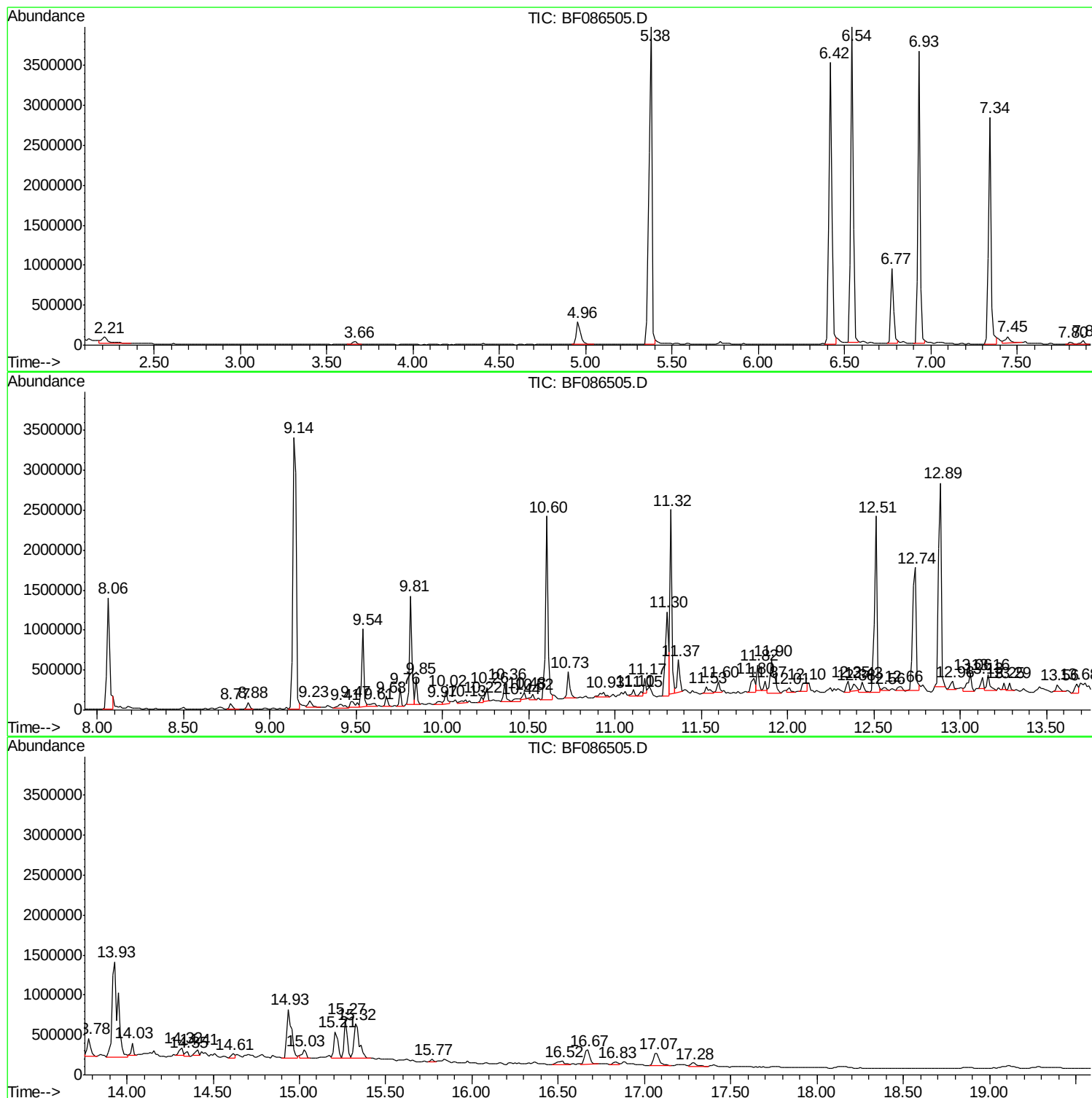
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Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : H2757-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B4(8-10)

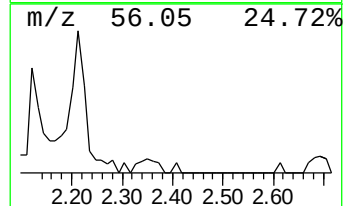
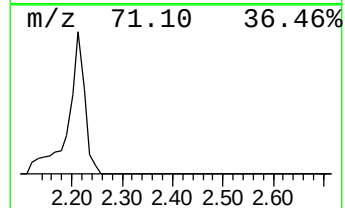
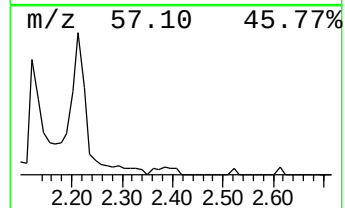
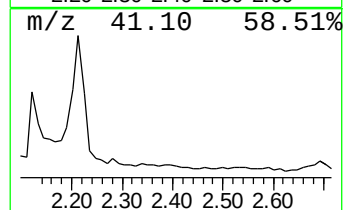
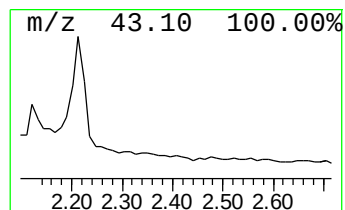
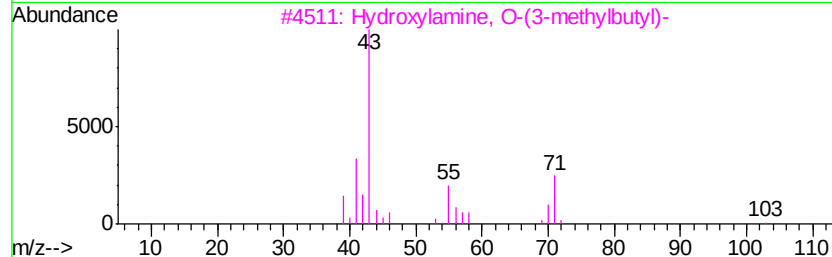
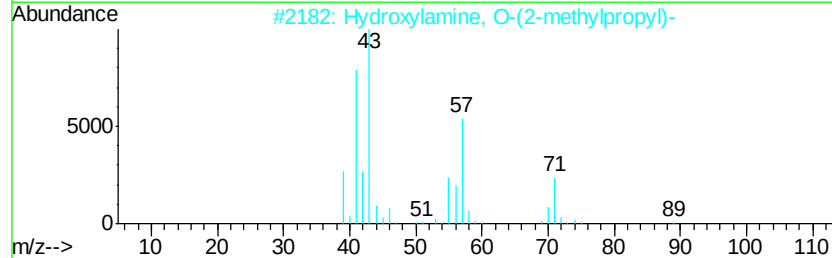
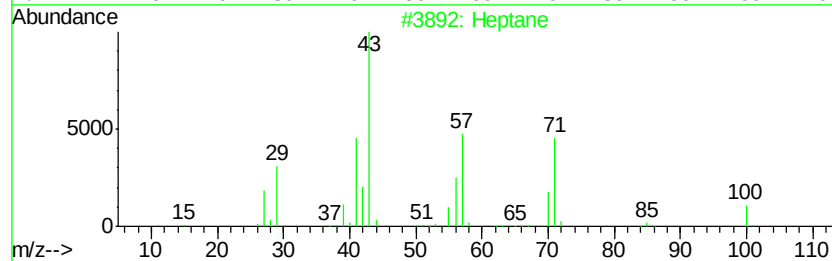
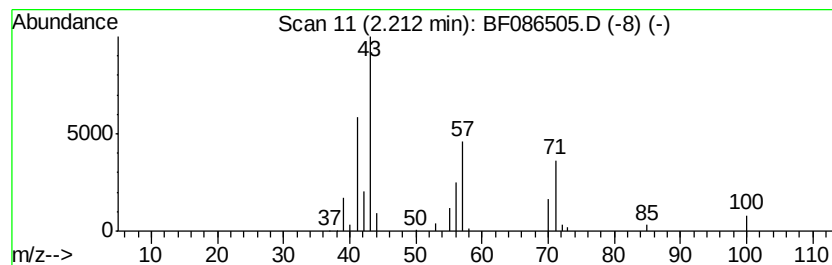
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Heptane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	3.95 ng	199438	1,4-Dichlorobenzene-d4	6.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane		100	C7H16	000142-82-5	90
2	Hydroxylamine, O-(2-methylpropyl)-		89	C4H11NO	005618-62-2	64
3	Hydroxylamine, O-(3-methylbutyl)-		103	C5H13NO	019411-65-5	50
4	Octane		114	C8H18	000111-65-9	45
5	Hexane, 3-methyl-		100	C7H16	000589-34-4	40



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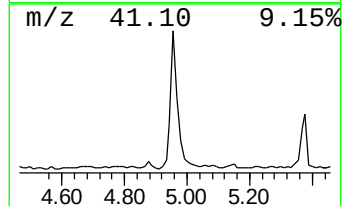
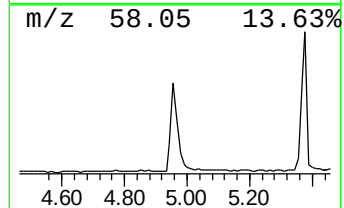
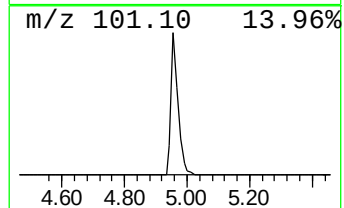
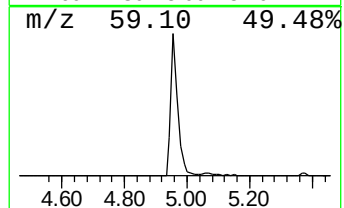
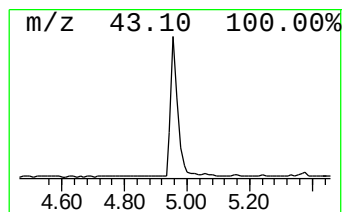
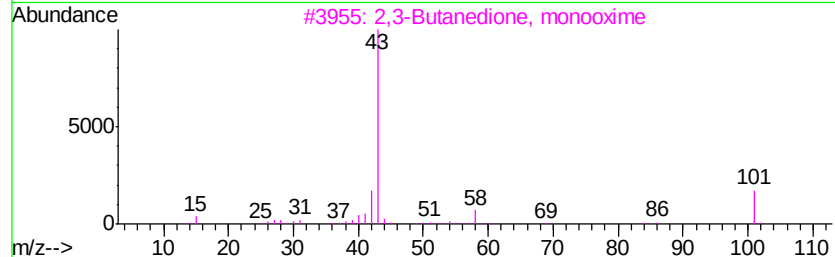
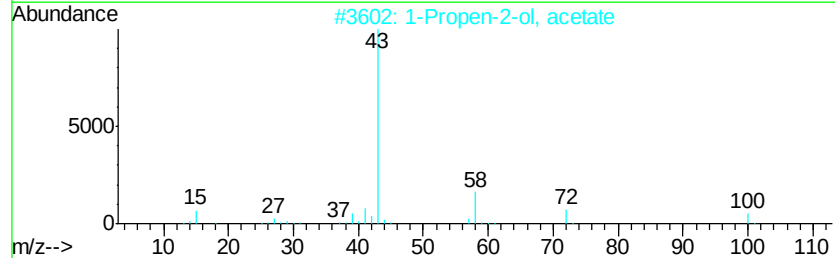
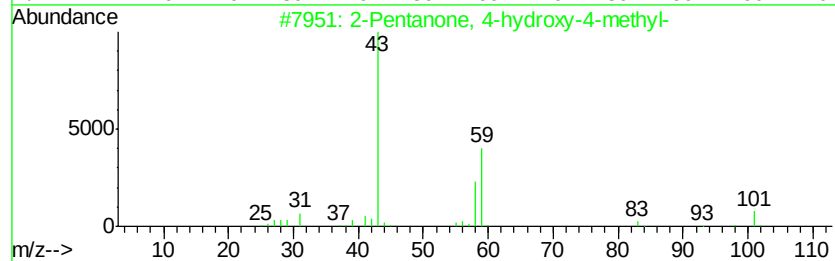
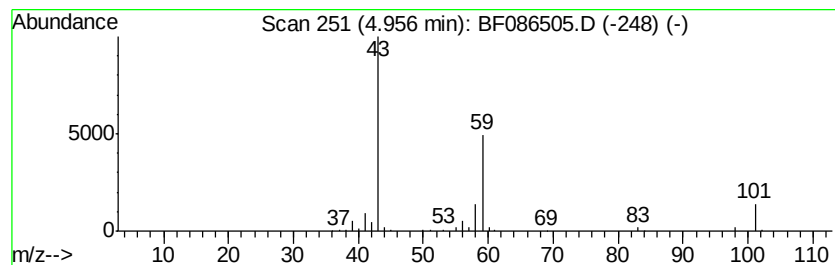
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	8.55 ng	431853	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	7



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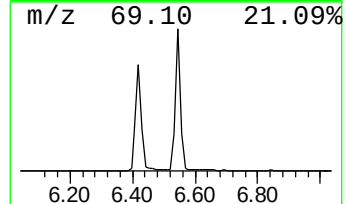
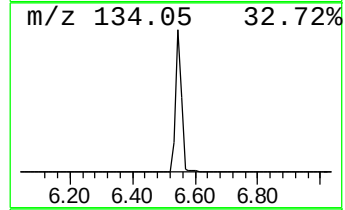
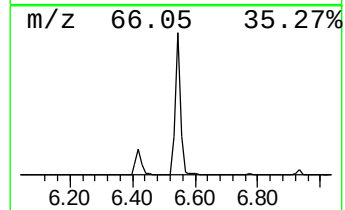
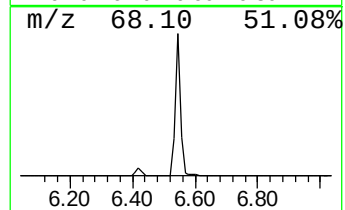
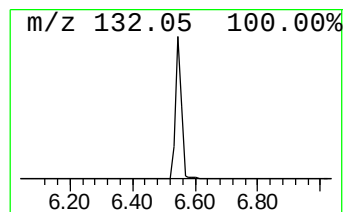
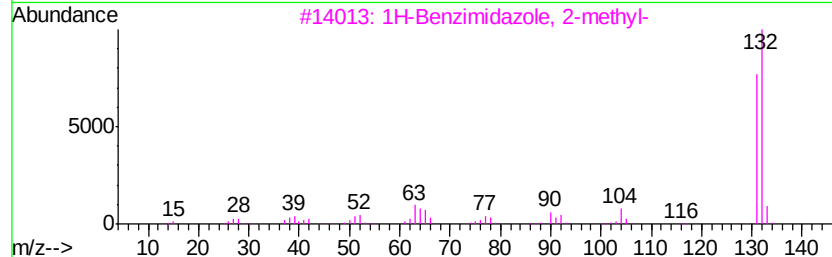
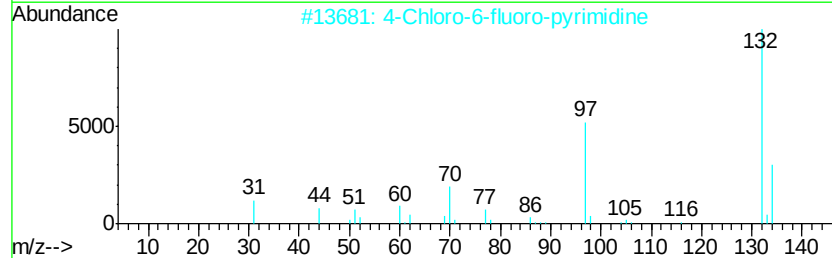
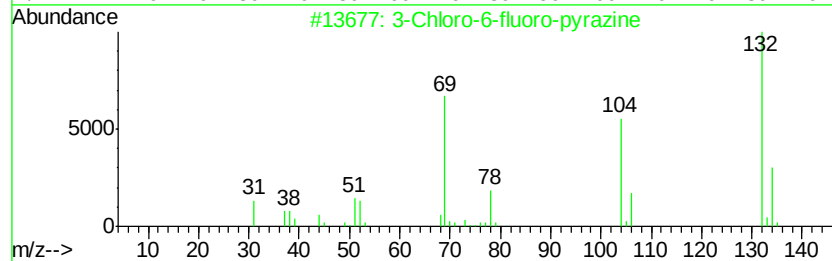
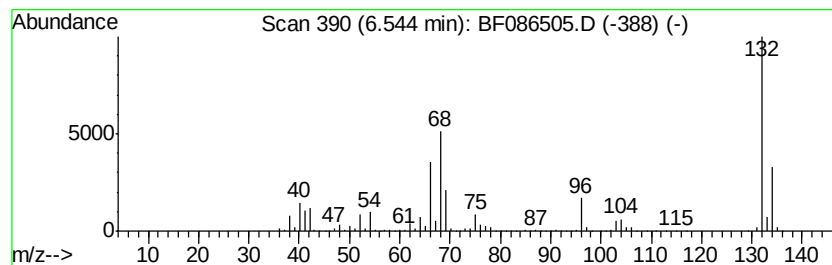
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	86.98 ng	4393530	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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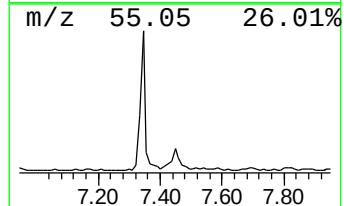
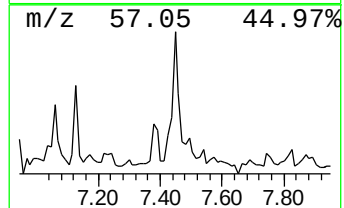
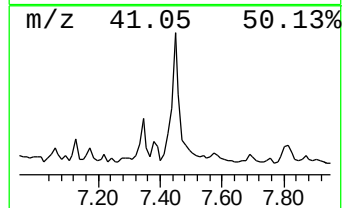
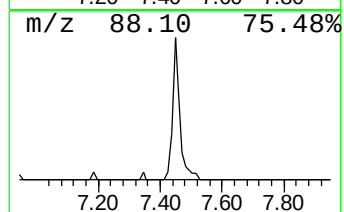
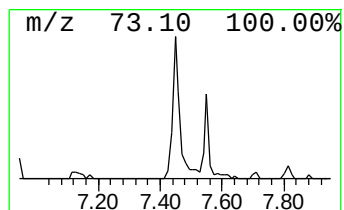
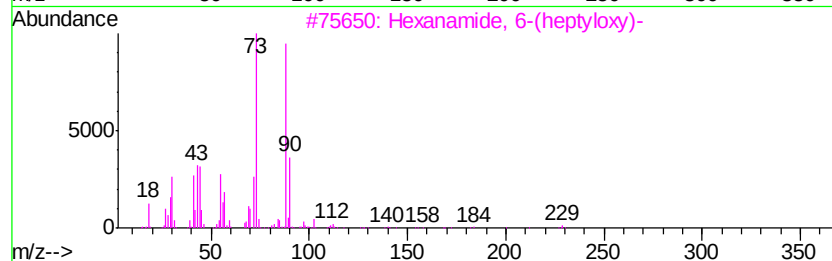
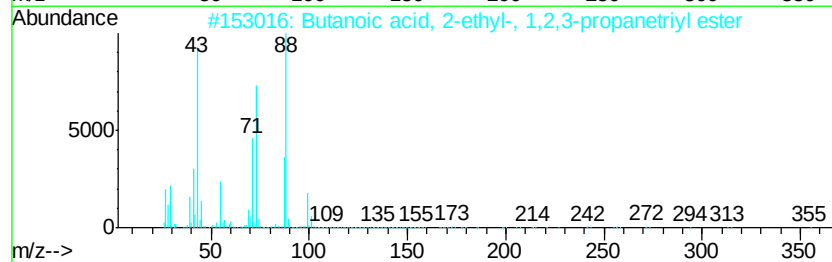
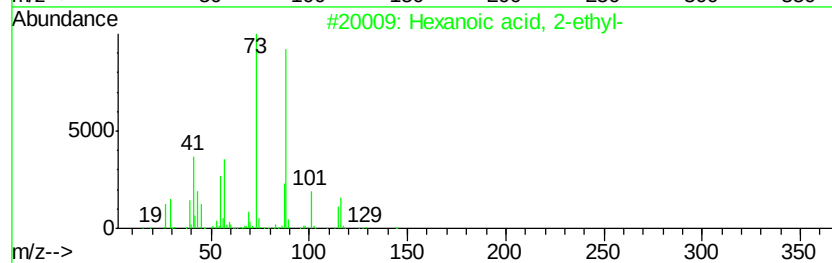
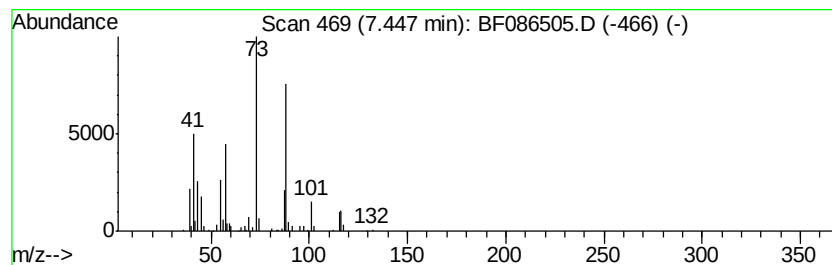
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	2.50 ng	184325	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
3		Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	42
4		Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	38
5		1,4-Dioxane	88	C4H8O2	000123-91-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042916\
Data File : BF086505.D
Acq On : 29 Apr 2016 21:24
Operator : UM/SJ
Sample : H2757-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

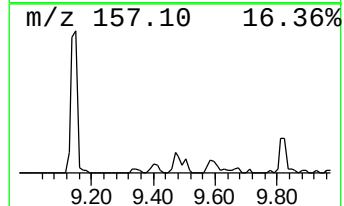
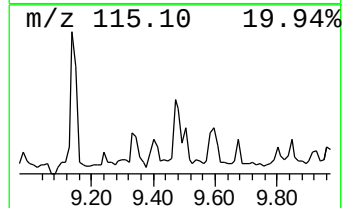
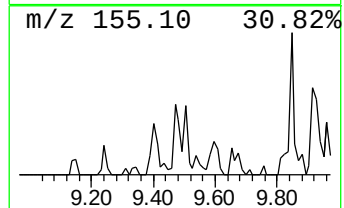
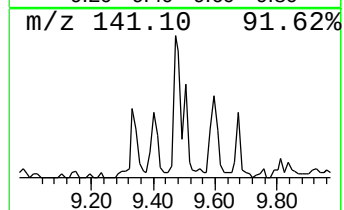
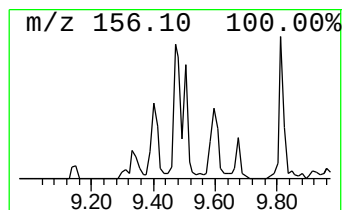
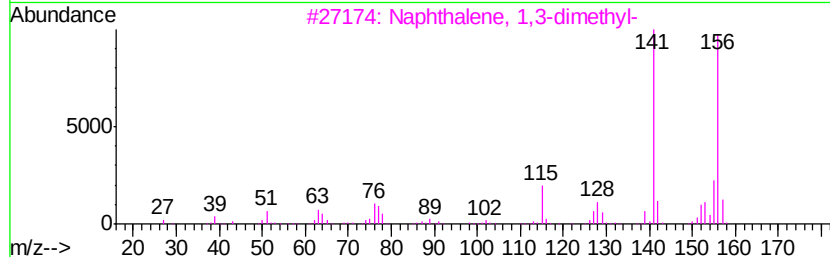
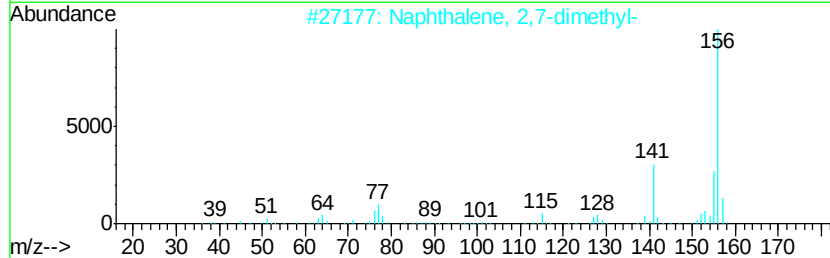
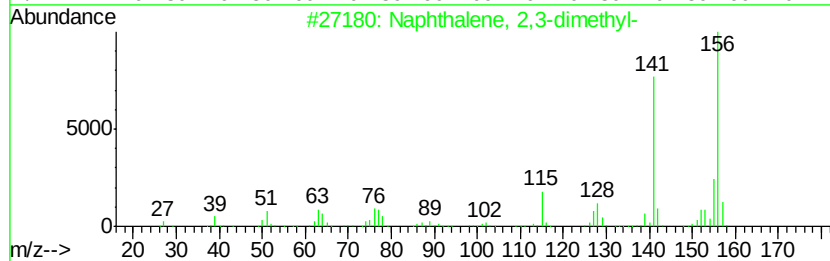
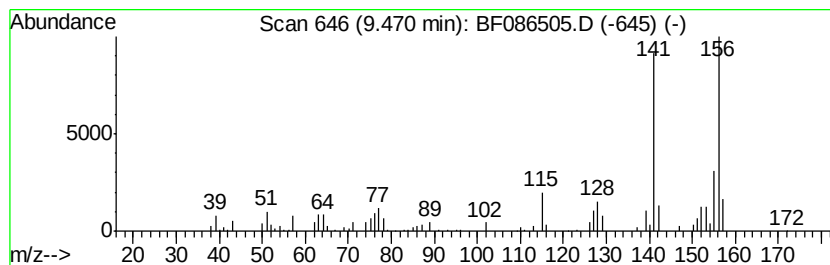
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.47	2.44 ng	166083	Acenaphthene-d10		9.81
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086505.D
Acq On : 29 Apr 2016 21:24
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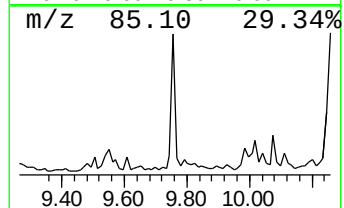
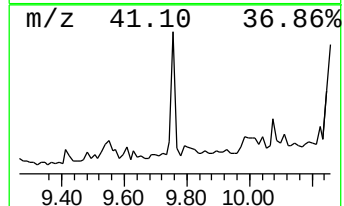
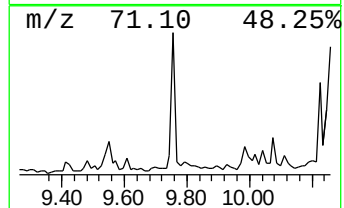
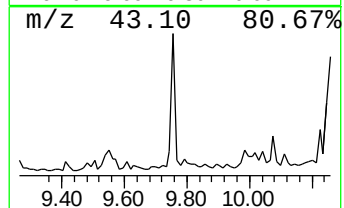
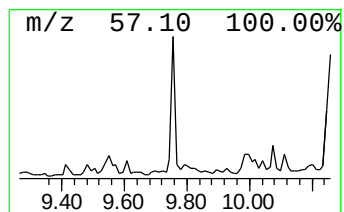
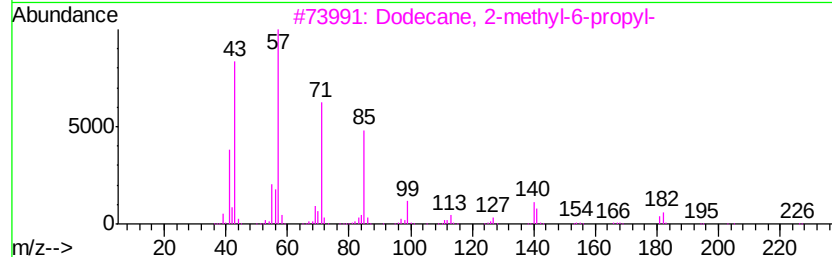
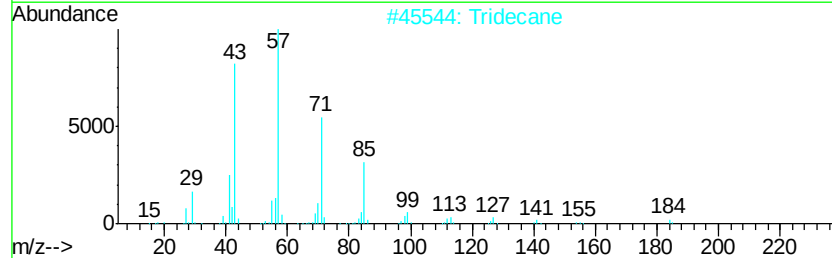
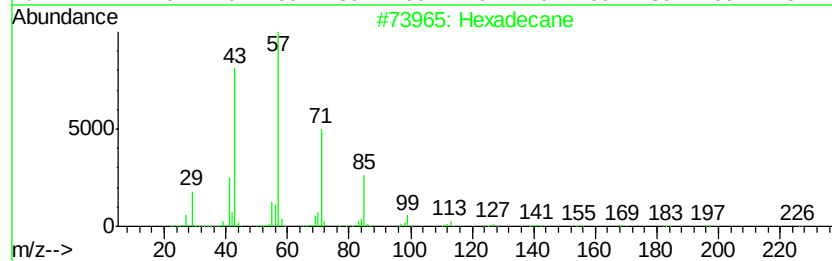
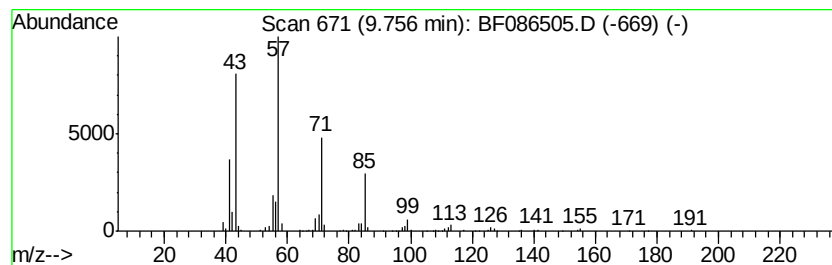
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	2.50 ng	169619	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	78
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
5	Pentadecane	212	C15H32	000629-62-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042916\
Data File : BF086505.D
Acq On : 29 Apr 2016 21:24
Operator : UM/SJ
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Misc :
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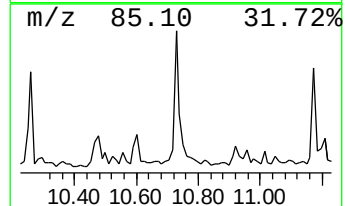
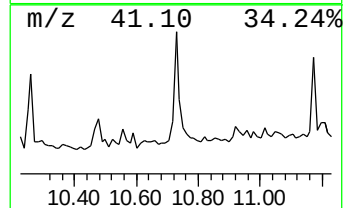
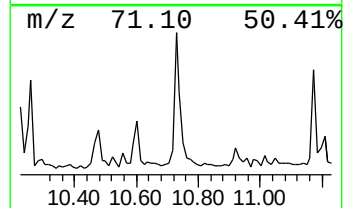
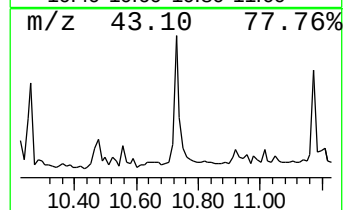
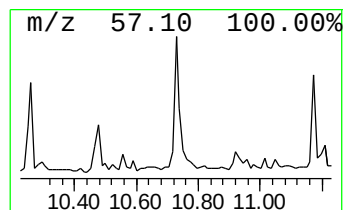
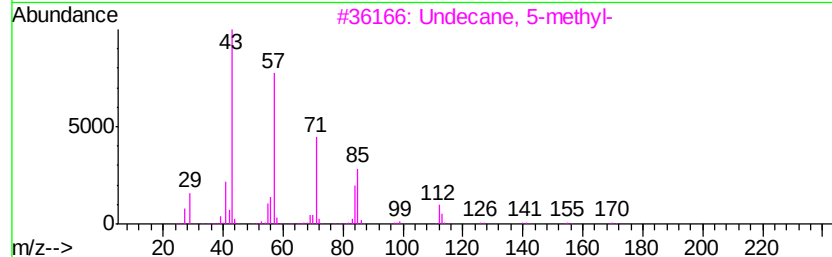
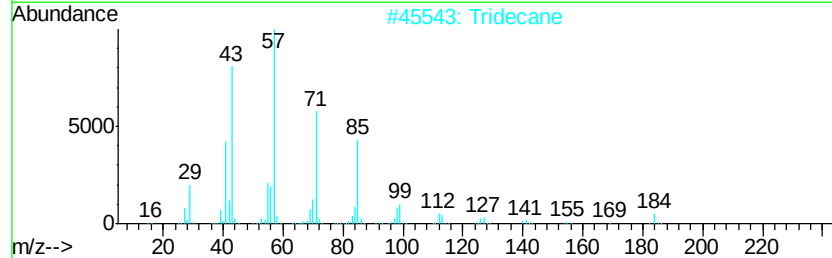
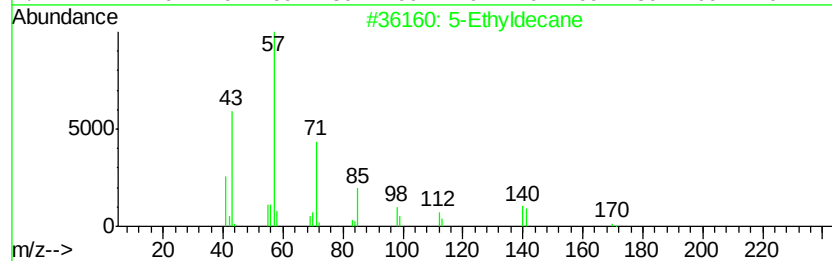
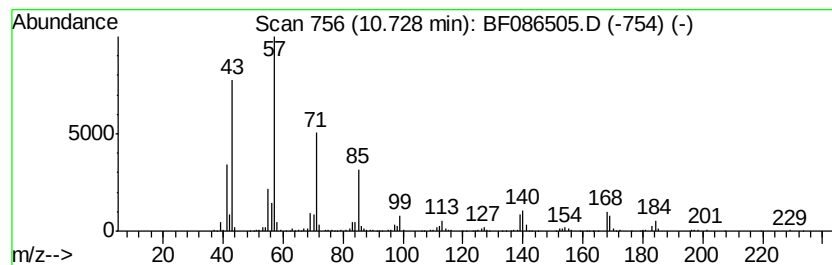
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 5-Ethyldecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	5.73 ng	377148	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane		170	C12H26	017302-36-2	64
2	Tridecane		184	C13H28	000629-50-5	62
3	Undecane, 5-methyl-		170	C12H26	001632-70-8	58
4	Eicosane		282	C20H42	000112-95-8	58
5	Hexadecane		226	C16H34	000544-76-3	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
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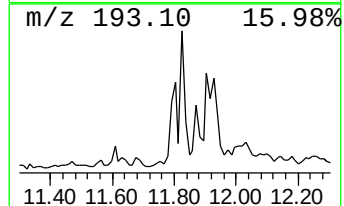
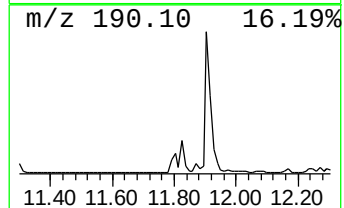
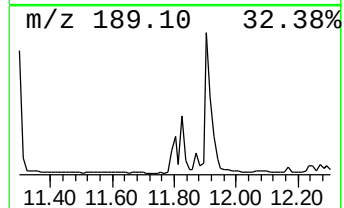
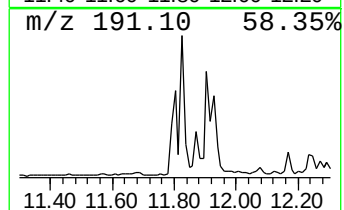
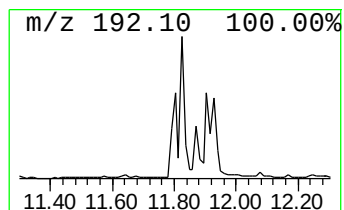
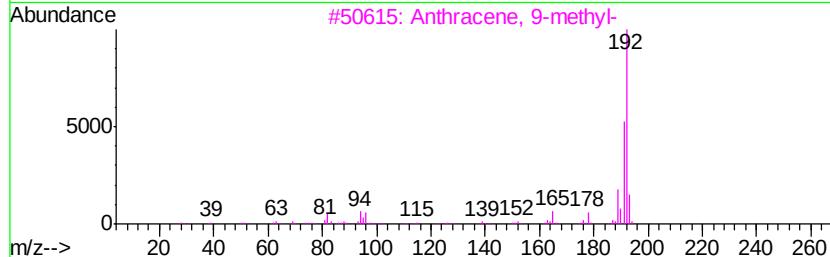
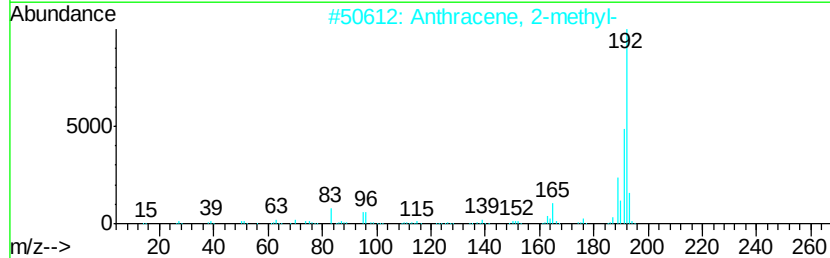
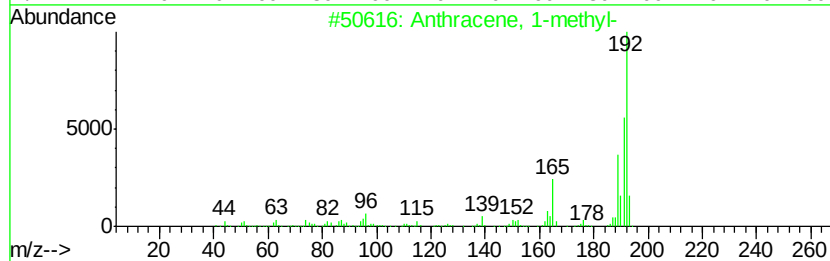
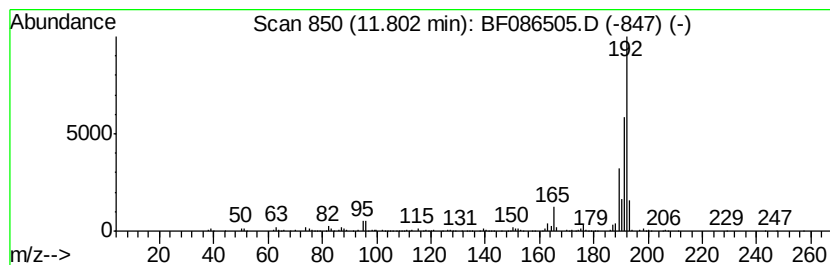
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	4.05 ng	266700	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086505.D
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Misc :
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Instrument :
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ClientSampleId :
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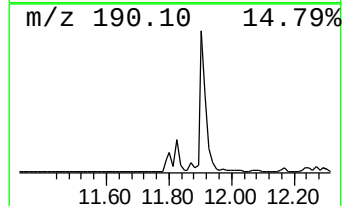
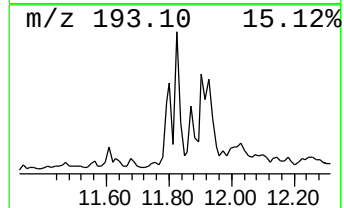
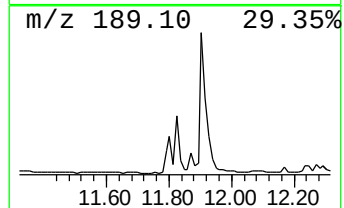
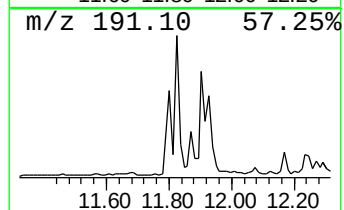
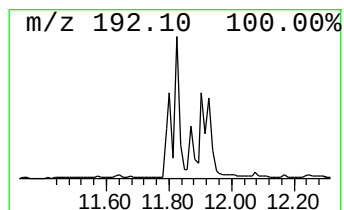
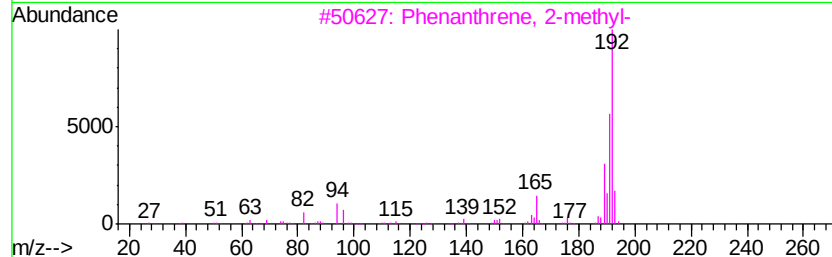
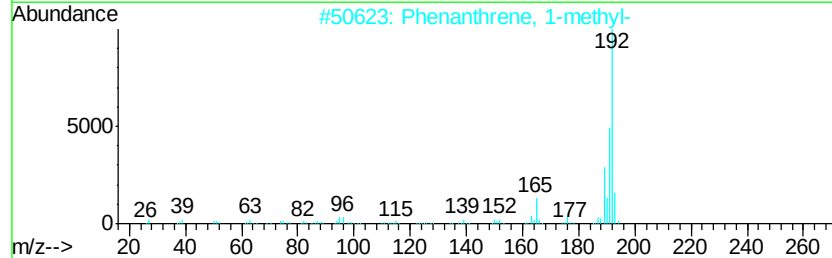
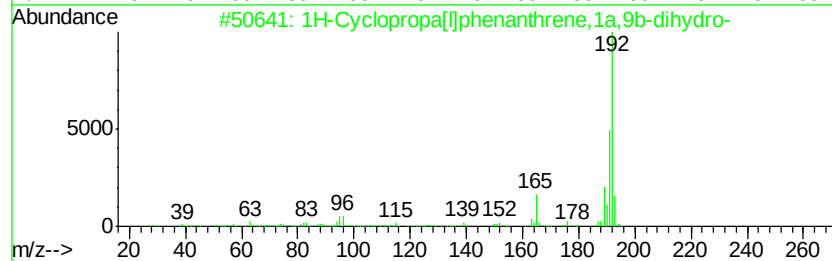
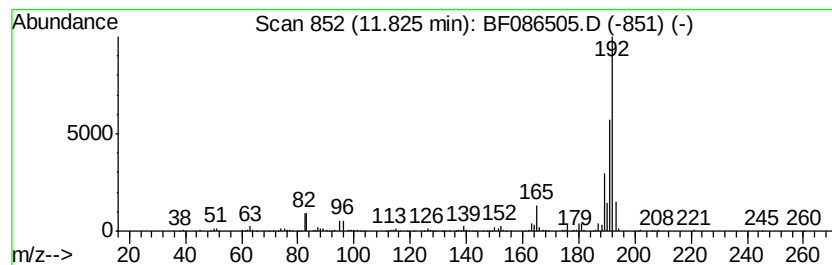
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	4.06 ng	267003	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042916\
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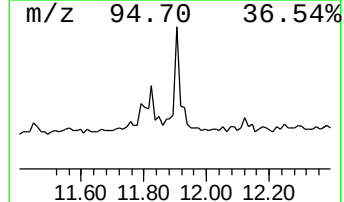
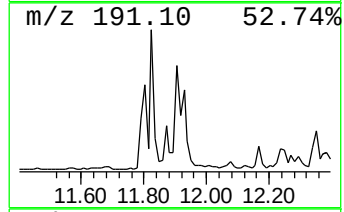
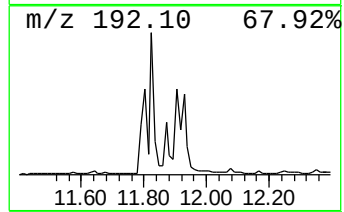
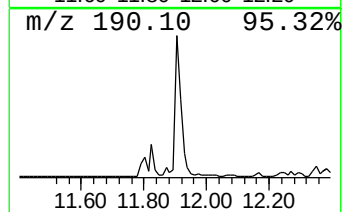
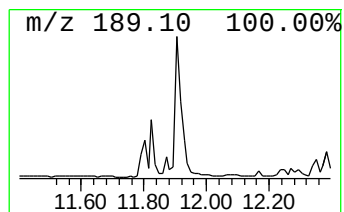
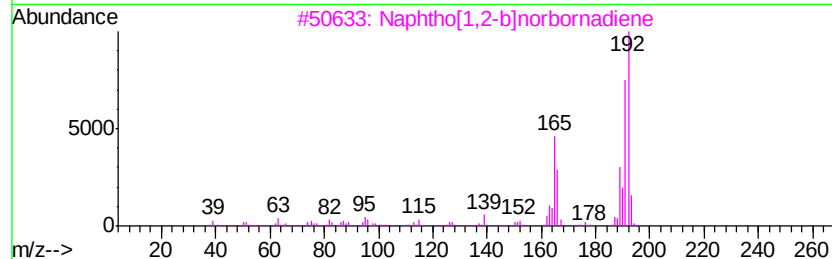
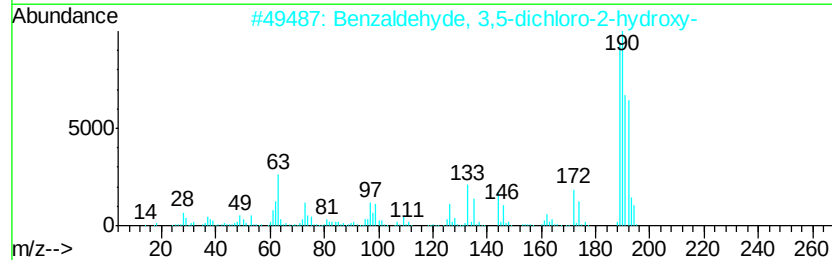
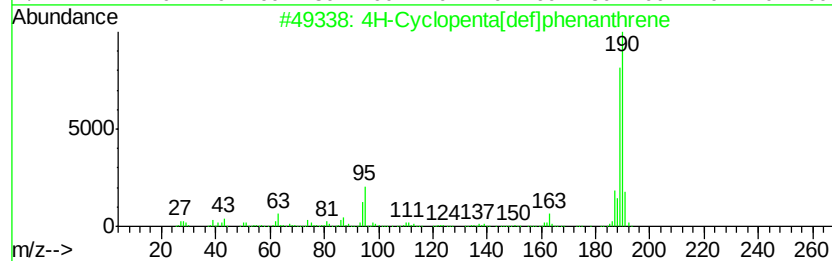
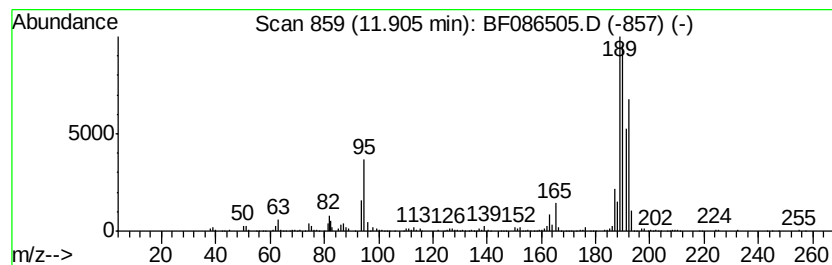
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.90	9.62 ng	633017	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
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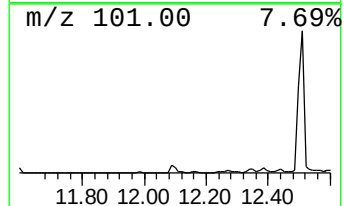
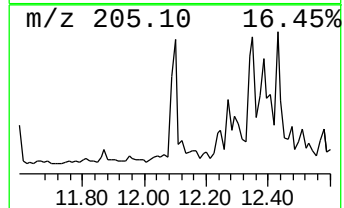
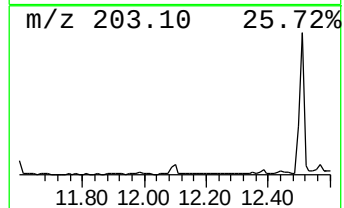
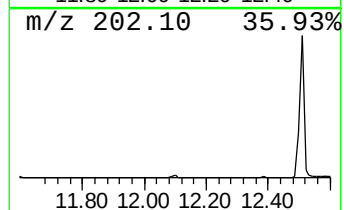
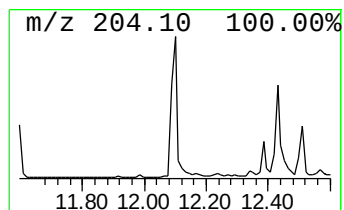
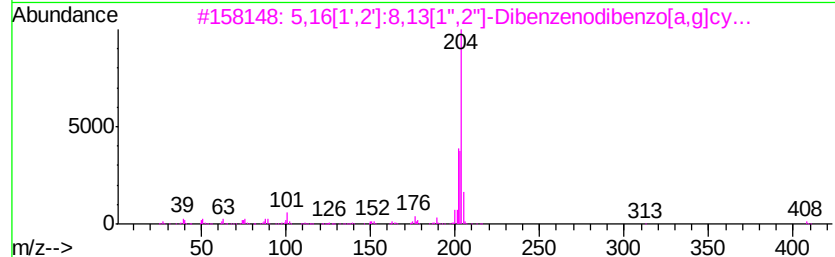
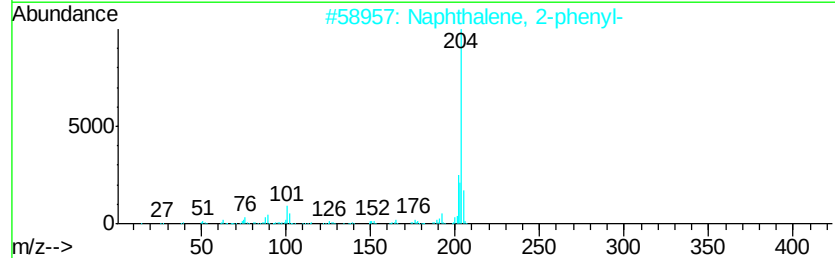
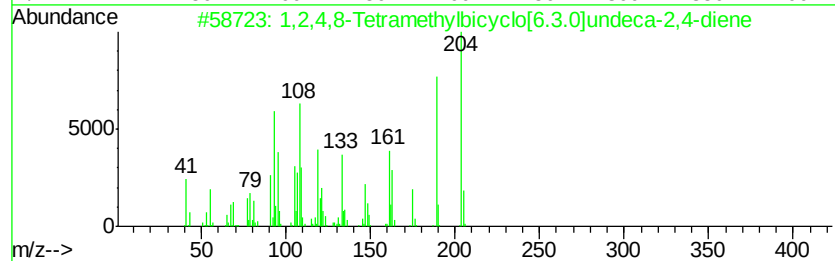
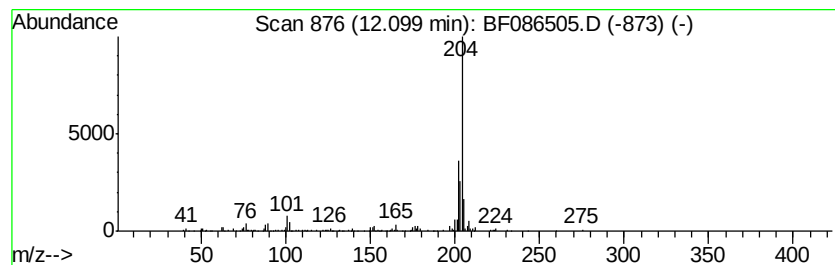
Instrument :
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ClientSampleId :
B4(8-10)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.10	3.18 ng	209342	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	2-Phenylnaphthalene	204	C16H12	035465-71-5	76
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086505.D
Acq On : 29 Apr 2016 21:24
Operator : UM/SJ
Sample : H2757-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B4(8-10)

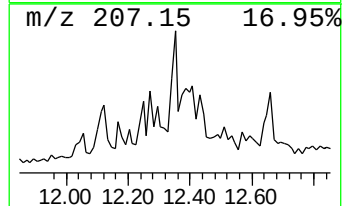
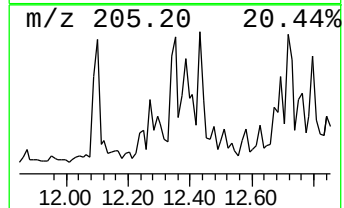
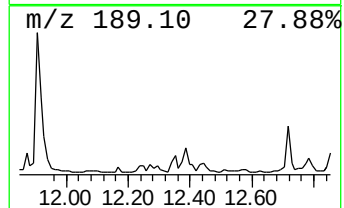
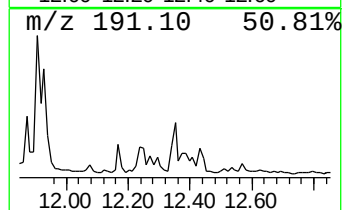
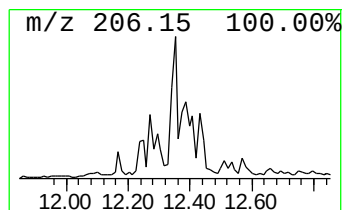
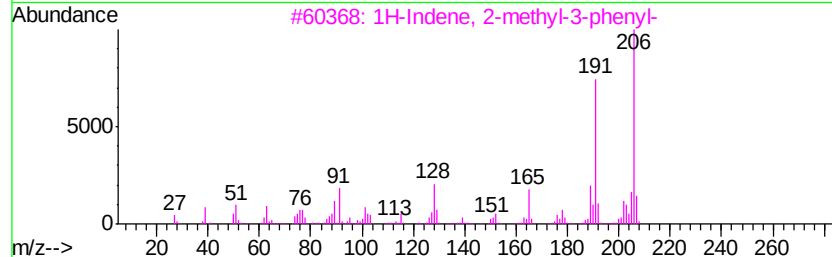
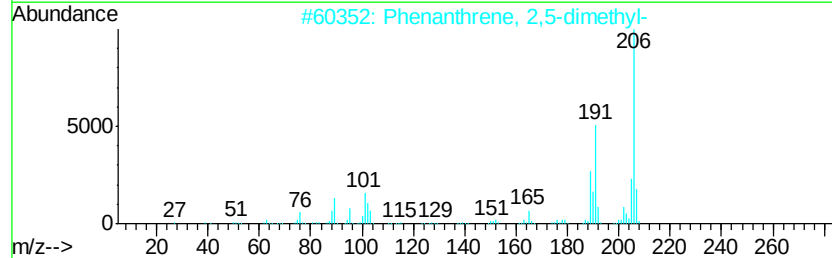
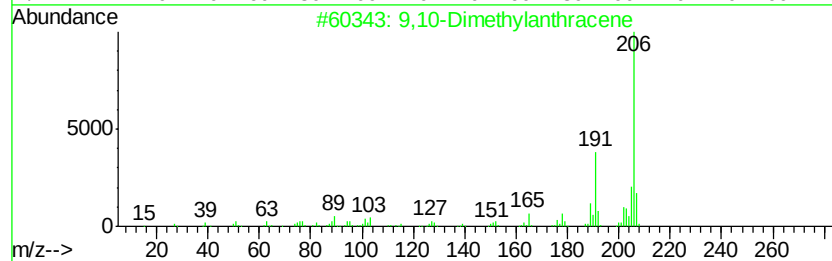
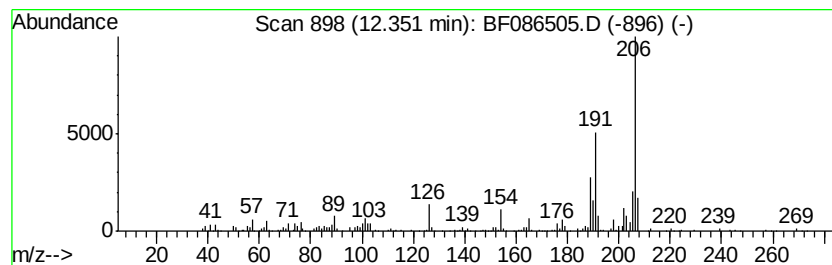
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Dimethylantracene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.36 ng	155476	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042916\
Data File : BF086505.D
Acq On : 29 Apr 2016 21:24
Operator : UM/SJ
Sample : H2757-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B4(8-10)

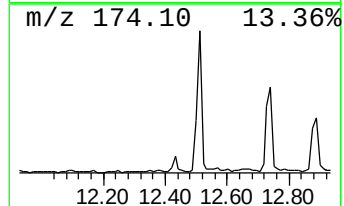
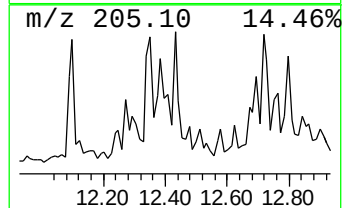
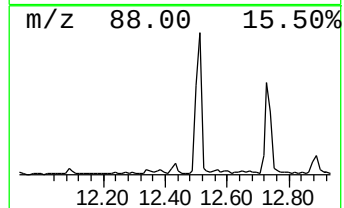
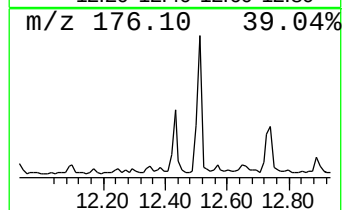
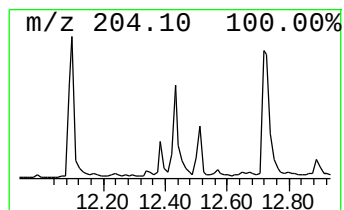
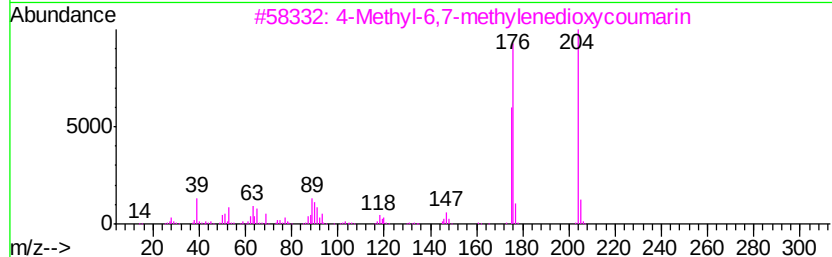
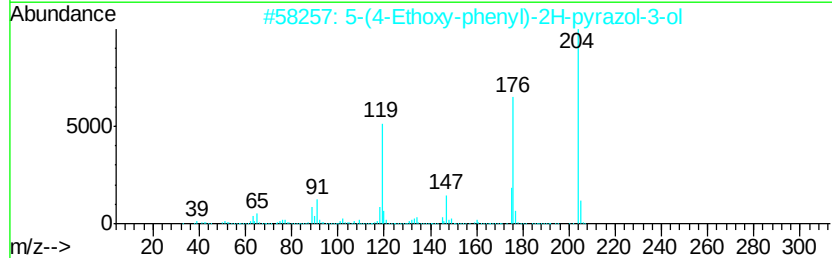
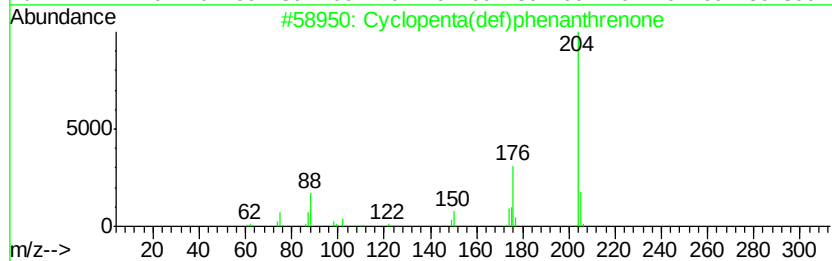
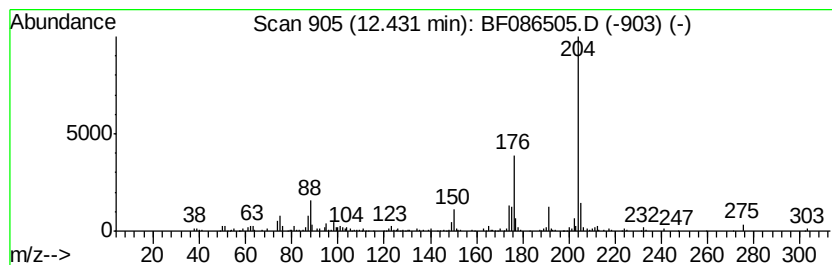
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.57 ng	168881	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2		5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
3		4-Methyl-6,7-methylenedioxy coumarin	204	C11H8O4	015071-04-2	53
4		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	49
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086505.D
Acq On : 29 Apr 2016 21:24
Operator : UM/SJ
Sample : H2757-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B4(8-10)

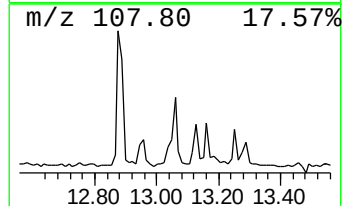
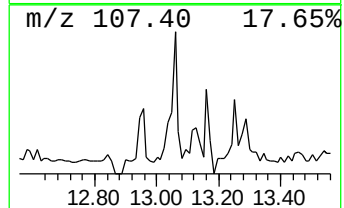
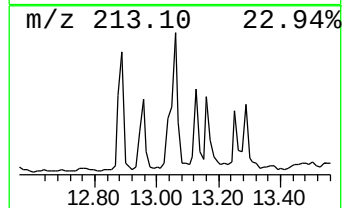
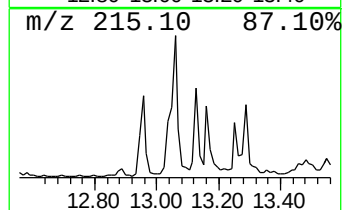
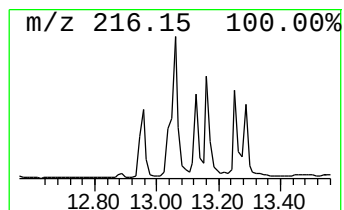
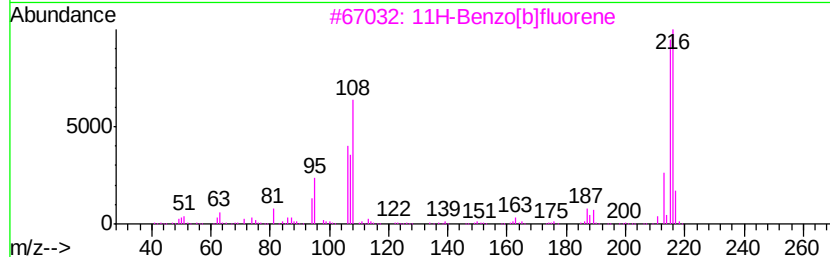
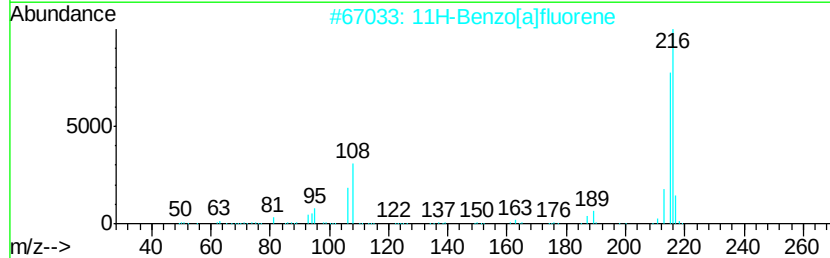
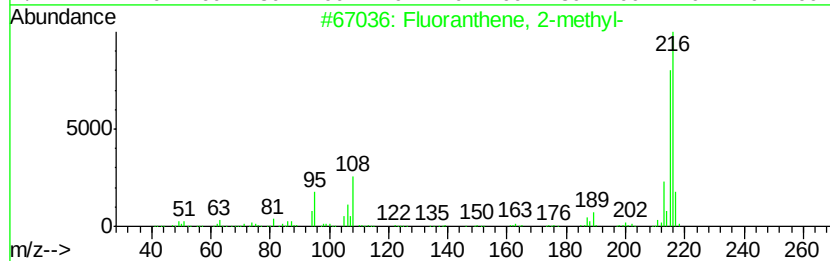
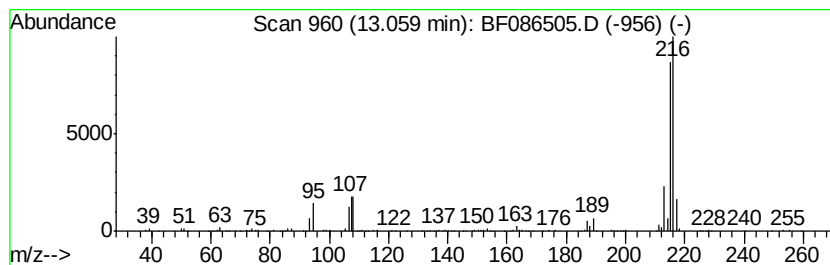
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.43 ng	349287	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042916\
 Data File : BF086505.D
 Acq On : 29 Apr 2016 21:24
 Operator : UM/SJ
 Sample : H2757-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4(8-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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
Heptane	2.21	4.0	ng	199438	1	6.77	1010190	20.0
2-Pentanone, 4-hy...	4.96	8.6	ng	431853	1	6.77	1010190	20.0
unknown6.54	6.54	87.0	ng	4393530	1	6.77	1010190	20.0
Hexanoic acid, 2-...	7.45	2.5	ng	184325	2	8.06	1475260	20.0
Naphthalene, 2,3-...	9.47	2.4	ng	166083	3	9.81	1358660	20.0
Hexadecane	9.76	2.5	ng	169619	3	9.81	1358660	20.0
5-Ethyldecane	10.73	5.7	ng	377148	4	11.30	1315500	20.0
Anthracene, 1-met...	11.80	4.0	ng	266700	4	11.30	1315500	20.0
1H-Cyclopropa[l]p...	11.82	4.1	ng	267003	4	11.30	1315500	20.0
4H-Cyclopenta[def...	11.90	9.6	ng	633017	4	11.30	1315500	20.0
1,2,4,8-Tetrameth...	12.10	3.2	ng	209342	4	11.30	1315500	20.0
9,10-Dimethylanth...	12.35	2.4	ng	155476	4	11.30	1315500	20.0
Cyclopenta(def)ph...	12.43	2.6	ng	168881	4	11.30	1315500	20.0
Fluoranthene, 2-m...	13.06	2.4	ng	349287	5	13.93	2871160	20.0