

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
 Data File : BF083034.D
 Acq On : 19 Nov 2015 3:46
 Operator : UM/IZ
 Sample : G4426-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

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-BF110715.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	4.898	242	246	254	rVB	1344360	1997615	43.15%	3.177%
2	5.344	282	285	287	rBV	3796765	3899432	84.23%	6.202%
3	6.396	373	377	379	rBV	3254644	4629450	100.00%	7.363%
4	6.510	384	387	389	rBV	4074612	4195089	90.62%	6.672%
5	6.727	404	406	409	rBV	597650	738231	15.95%	1.174%
6	6.887	418	420	423	rBV	2647457	2672955	57.74%	4.251%
7	7.299	453	456	458	rBV	2316724	2214206	47.83%	3.521%
8	7.424	462	467	473	rVB	82520	109955	2.38%	0.175%
9	8.019	517	519	523	rBV2	1118892	1232283	26.62%	1.960%
10	8.739	580	582	584	rBV	70981	97630	2.11%	0.155%
11	8.830	588	590	592	rVB	108275	85283	1.84%	0.136%
12	9.105	611	614	616	rBV	3633003	3804954	82.19%	6.051%
13	9.356	633	636	639	rBV	43951	61932	1.34%	0.098%
14	9.436	640	643	644	rBV	75438	82099	1.77%	0.131%
15	9.493	646	648	651	rVV	977528	852099	18.41%	1.355%
16	9.722	666	668	670	rBV	89756	67452	1.46%	0.107%
17	9.768	670	672	674	rBV2	846080	947752	20.47%	1.507%
18	9.802	674	675	677	rVB	348139	271082	5.86%	0.431%
19	9.973	688	690	692	rVB	240674	216980	4.69%	0.345%
20	10.190	705	709	710	rBV2	66155	82504	1.78%	0.131%
21	10.225	710	712	713	rVB	89763	104605	2.26%	0.166%
22	10.316	718	720	722	rVV	324985	265440	5.73%	0.422%
23	10.385	722	726	729	rVB2	34304	58387	1.26%	0.093%
24	10.442	729	731	733	rBV3	60086	99080	2.14%	0.158%
25	10.476	733	734	737	rVB	87773	82485	1.78%	0.131%
26	10.556	739	741	743	rVB	1801064	1805794	39.01%	2.872%
27	10.693	748	753	757	rBV2	152600	238350	5.15%	0.379%
28	10.865	765	768	769	rBV3	46625	83283	1.80%	0.132%
29	10.990	776	779	780	rVV3	26789	62932	1.36%	0.100%
30	11.059	783	785	787	rVB	139682	147028	3.18%	0.234%
31	11.105	787	789	791	rBV2	45550	71608	1.55%	0.114%
32	11.139	791	792	796	rVB2	162598	232274	5.02%	0.369%
33	11.253	799	802	803	rBV	872340	1020223	22.04%	1.623%
34	11.276	803	804	806	rVV	2445906	1870132	40.40%	2.974%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.322	806	808	810	rVV	507721	540093	11.67%	0.859%
36	11.356	810	811	813	rVB	57260	55792	1.21%	0.089%
37	11.482	819	822	824	rBV	391928	368084	7.95%	0.585%
38	11.551	826	828	830	rBV2	41555	85425	1.85%	0.136%
39	11.756	843	846	847	rBV	184284	226249	4.89%	0.360%
40	11.779	847	848	850	rVB	369612	291488	6.30%	0.464%
41	11.825	850	852	853	rBV	145911	122218	2.64%	0.194%
42	11.859	853	855	860	rVB2	368337	542453	11.72%	0.863%
43	11.951	862	863	867	rVB3	32220	66368	1.43%	0.106%
44	12.065	870	873	877	rVB2	186087	351889	7.60%	0.560%
45	12.248	886	889	891	rBV3	54808	111881	2.42%	0.178%
46	12.305	891	894	895	rBV	155692	191879	4.14%	0.305%
47	12.339	895	897	900	rVV2	82762	132387	2.86%	0.211%
48	12.385	900	901	905	rVB	146998	136360	2.95%	0.217%
49	12.465	905	908	910	rBV	2943734	2690484	58.12%	4.279%
50	12.522	910	913	915	rVV2	47245	70261	1.52%	0.112%
51	12.602	917	920	922	rBV3	108934	217173	4.69%	0.345%
52	12.694	925	928	930	rBV	2308928	2891443	62.46%	4.599%
53	12.739	930	932	935	rVB2	110386	153759	3.32%	0.245%
54	12.808	935	938	939	rBV	191759	193571	4.18%	0.308%
55	12.842	939	941	943	rVB	2414141	2472033	53.40%	3.931%
56	12.911	943	947	948	rBV2	165121	251508	5.43%	0.400%
57	13.014	951	956	958	rBV2	332030	553415	11.95%	0.880%
58	13.082	960	962	963	rVV	263384	217923	4.71%	0.347%
59	13.116	963	965	969	rVV2	251819	384041	8.30%	0.611%
60	13.174	969	970	972	rVV	47184	60013	1.30%	0.095%
61	13.208	972	973	975	rVV	119499	116709	2.52%	0.186%
62	13.242	975	976	979	rVV2	143367	159429	3.44%	0.254%
63	13.322	981	983	985	rVB3	83749	96387	2.08%	0.153%
64	13.425	988	992	994	rBV4	65044	176069	3.80%	0.280%
65	13.516	997	1000	1003	rVV2	230544	388405	8.39%	0.618%
66	13.631	1008	1010	1011	rBV	284899	328622	7.10%	0.523%
67	13.665	1011	1013	1014	rVV	146145	264303	5.71%	0.420%
68	13.699	1014	1016	1017	rVV2	152494	227606	4.92%	0.362%
69	13.722	1017	1018	1020	rVV	200129	248998	5.38%	0.396%
70	13.802	1023	1025	1028	rVB2	78919	103100	2.23%	0.164%
71	13.882	1028	1032	1033	rBV2	1689564	2573172	55.58%	4.092%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	13.916	1033	1035	1038	rVB	884526	1283001	27.71%	2.040%
73	13.985	1039	1041	1043	rBV2	228911	269018	5.81%	0.428%
74	14.076	1047	1049	1050	rVV2	121298	182664	3.95%	0.291%
75	14.111	1050	1052	1053	rVV2	160907	205084	4.43%	0.326%
76	14.145	1053	1055	1058	rVB2	48457	83246	1.80%	0.132%
77	14.202	1058	1060	1062	rBV3	83864	129702	2.80%	0.206%
78	14.271	1062	1066	1067	rVV	282580	370837	8.01%	0.590%
79	14.305	1067	1069	1071	rVV2	160122	173407	3.75%	0.276%
80	14.362	1071	1074	1075	rVV2	122019	190128	4.11%	0.302%
81	14.397	1075	1077	1080	rVV4	127633	321521	6.95%	0.511%
82	14.465	1081	1083	1085	rVB2	83802	110439	2.39%	0.176%
83	14.568	1090	1092	1093	rBV2	98699	112364	2.43%	0.179%
84	14.648	1097	1099	1100	rBV	49647	57458	1.24%	0.091%
85	14.739	1104	1107	1111	rBV3	96066	192766	4.16%	0.307%
86	14.797	1111	1112	1114	rBV2	132490	186373	4.03%	0.296%
87	14.888	1117	1120	1125	rBV	957482	2063818	44.58%	3.282%
88	14.979	1127	1128	1130	rBV	161741	206102	4.45%	0.328%
89	15.082	1134	1137	1139	rBV2	60008	152082	3.29%	0.242%
90	15.162	1142	1144	1147	rVB	573344	709756	15.33%	1.129%
91	15.219	1147	1149	1152	rBV	828059	967335	20.90%	1.538%
92	15.277	1152	1154	1155	rBV	462135	533270	11.52%	0.848%
93	15.722	1190	1193	1196	rBV	80821	154509	3.34%	0.246%
94	15.780	1196	1198	1201	rVV	51060	66271	1.43%	0.105%
95	16.431	1251	1255	1260	rBV4	87235	308902	6.67%	0.491%
96	16.591	1266	1269	1273	rVB2	320931	551100	11.90%	0.876%
97	16.751	1280	1283	1285	rVB	55020	83456	1.80%	0.133%
98	16.797	1285	1287	1289	rBV2	56342	93525	2.02%	0.149%
99	16.991	1300	1304	1311	rVB	218260	480798	10.39%	0.765%
100	17.197	1319	1322	1330	rVB2	65841	177295	3.83%	0.282%

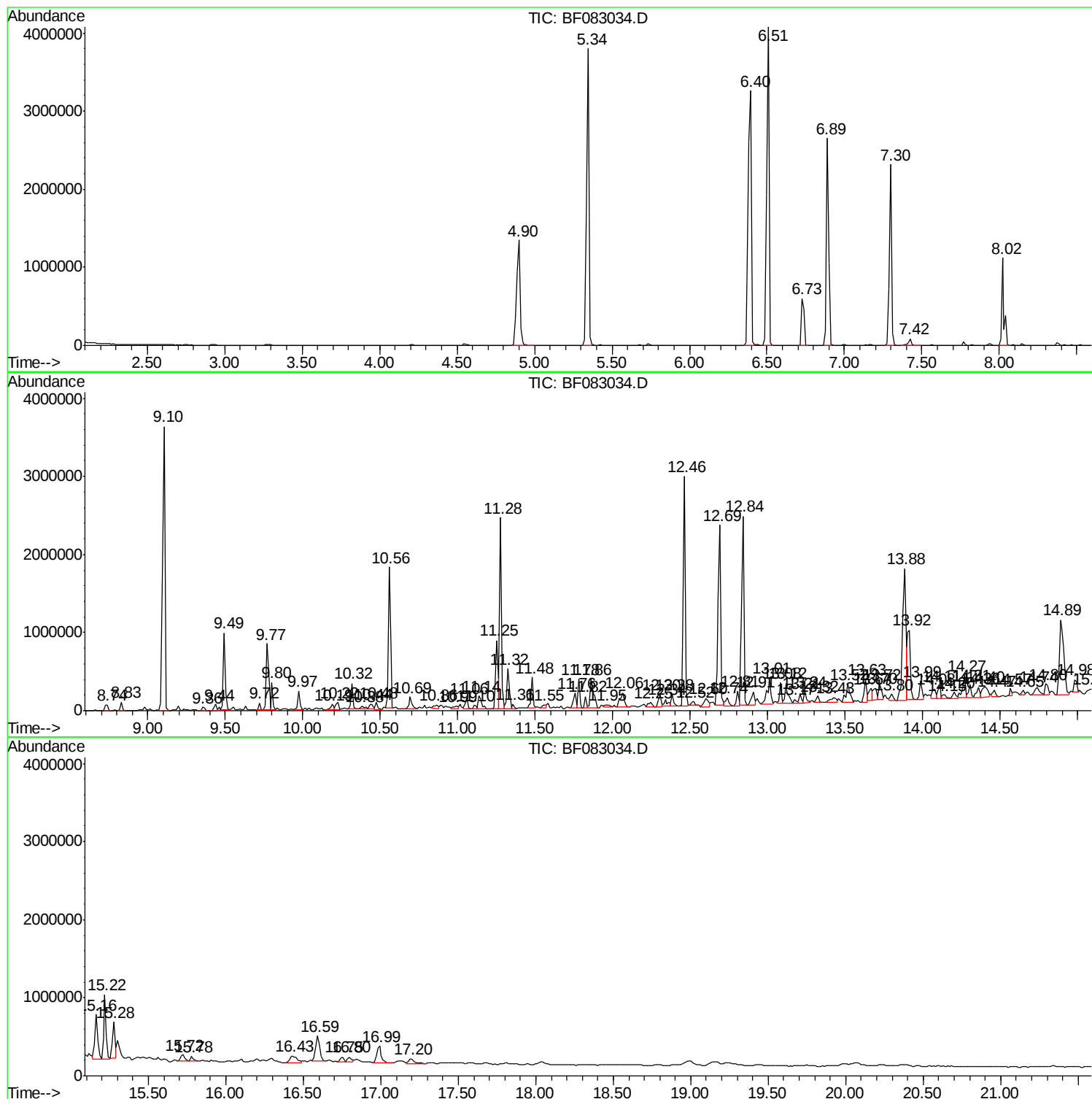
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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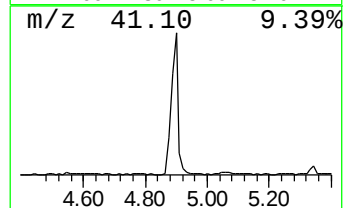
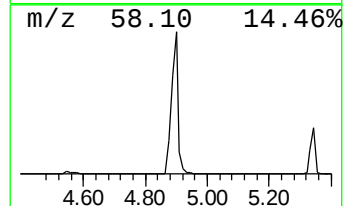
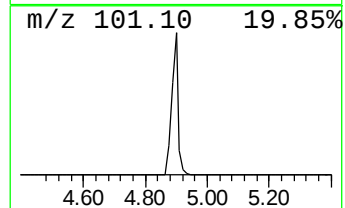
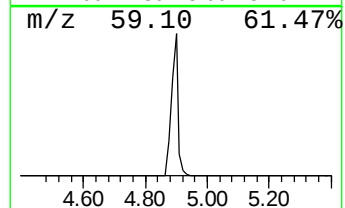
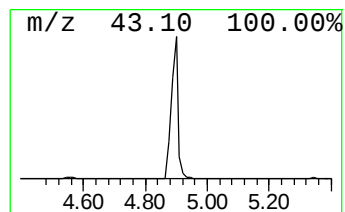
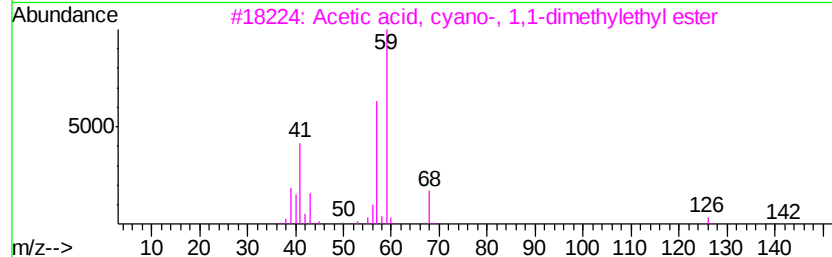
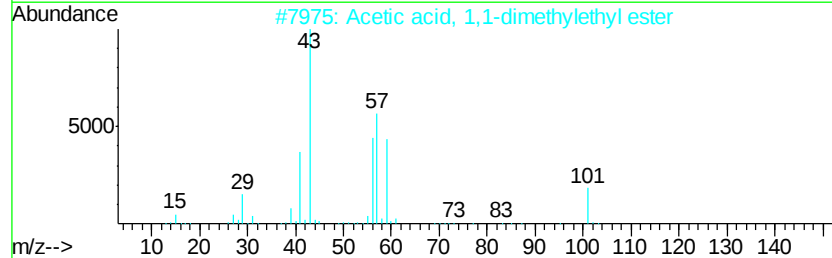
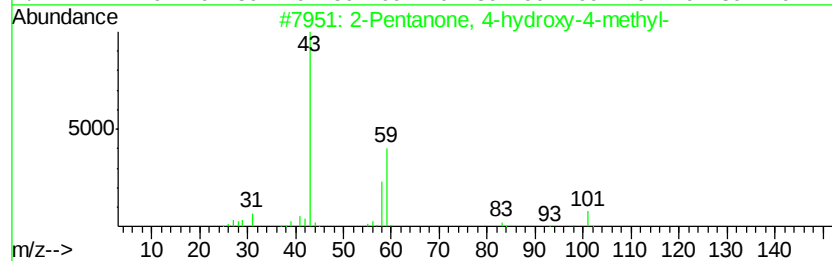
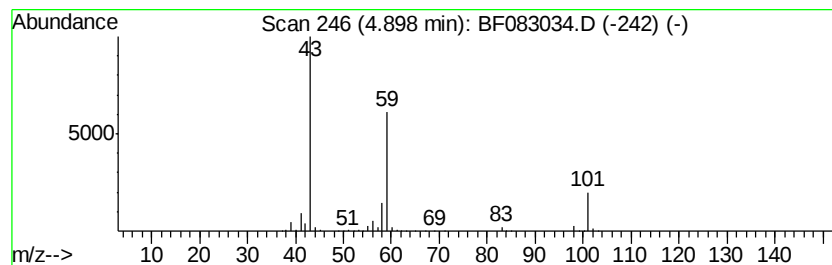
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	54.12 ng	1997620	1,4-Dichlorobenzene-d4	6.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39	
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23	
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9	



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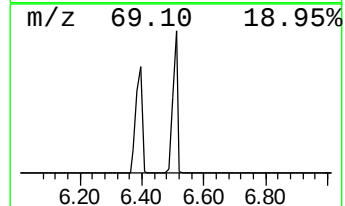
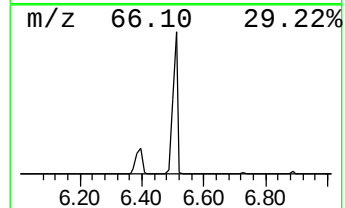
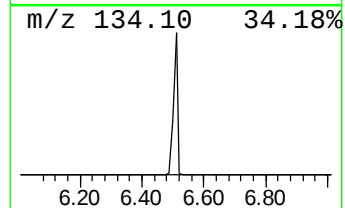
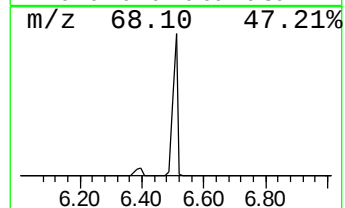
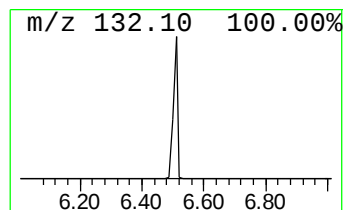
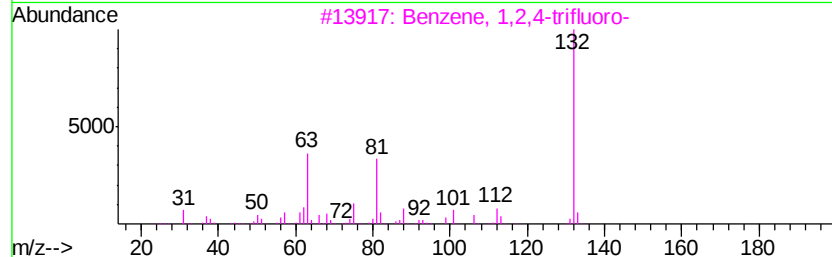
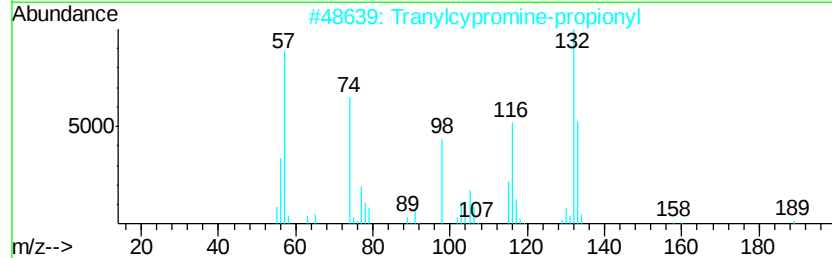
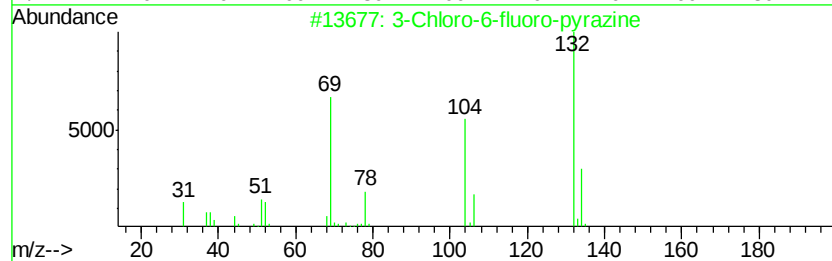
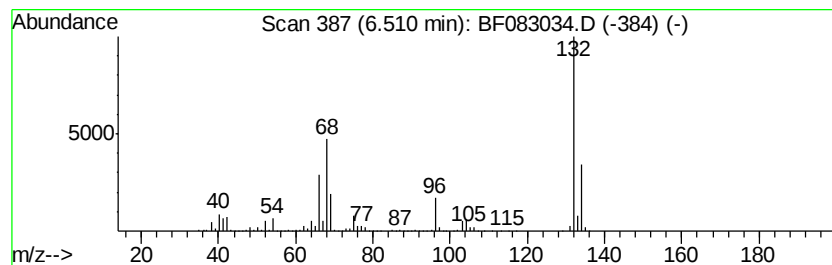
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	113.65 ng	4195090	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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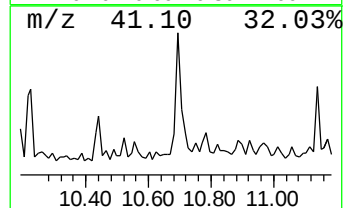
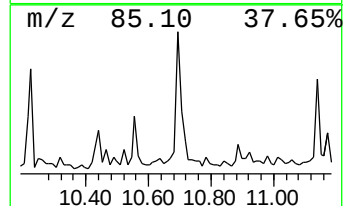
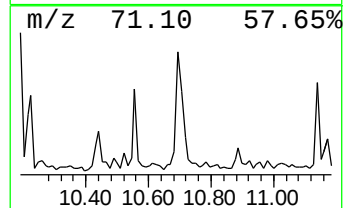
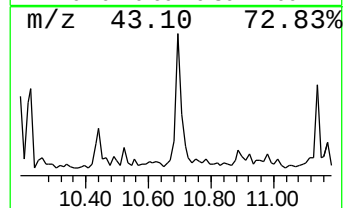
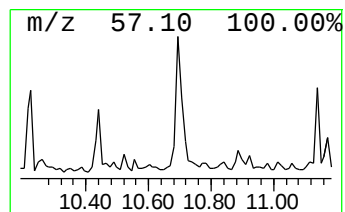
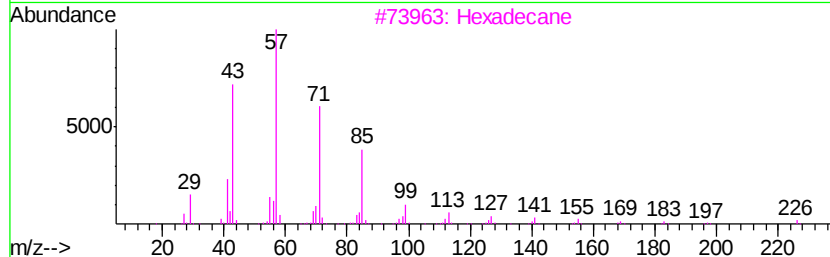
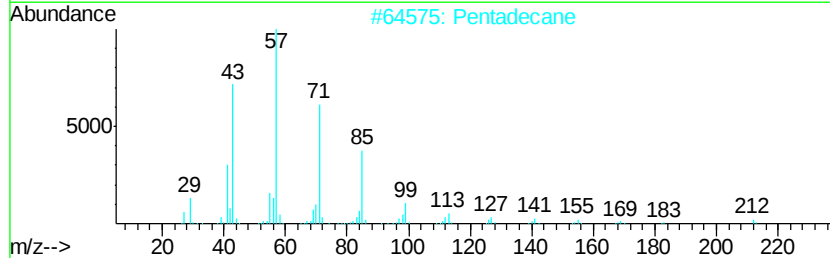
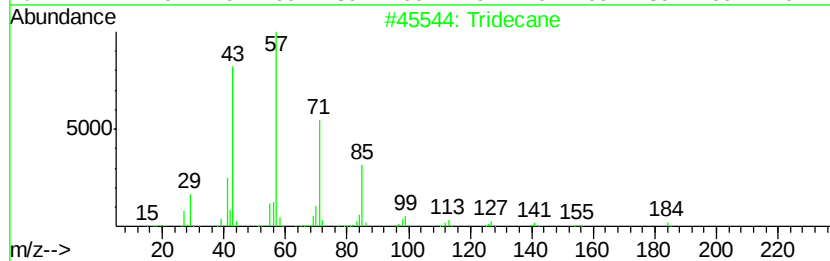
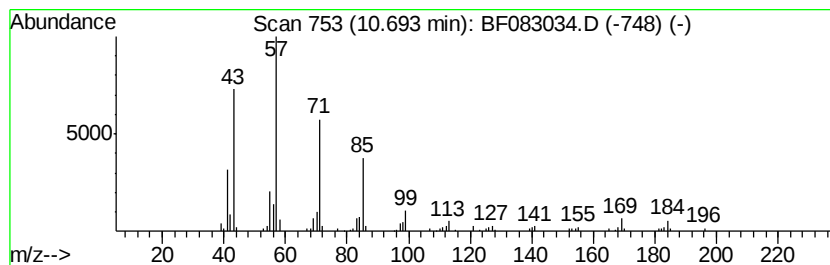
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	4.67 ng	238350	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	90
2	Pentadecane		212	C15H32	000629-62-9	86
3	Hexadecane		226	C16H34	000544-76-3	86
4	Undecane, 2-methyl-		170	C12H26	007045-71-8	86
5	Octacosane		394	C28H58	000630-02-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083034.D
Acq On : 19 Nov 2015 3:46
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

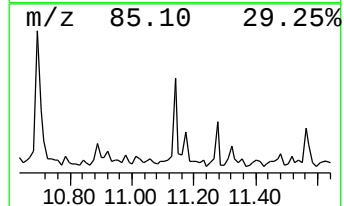
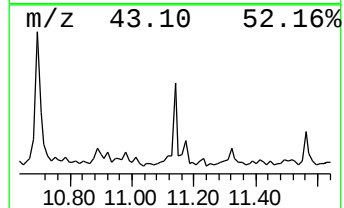
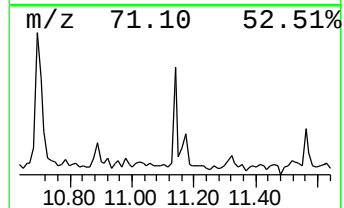
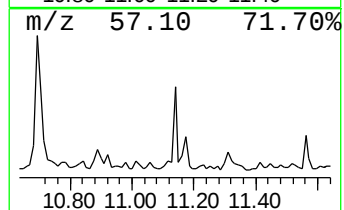
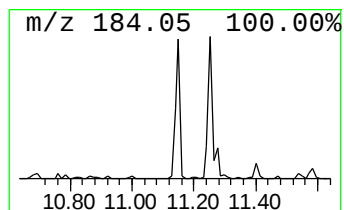
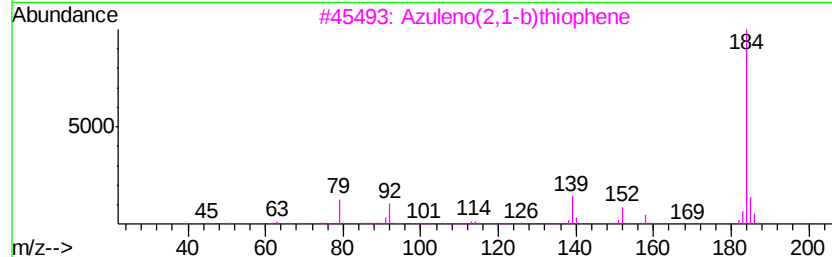
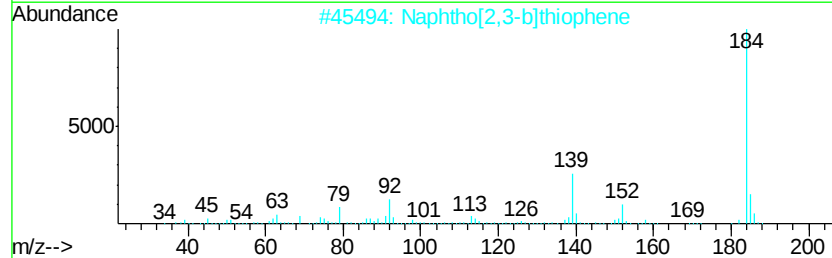
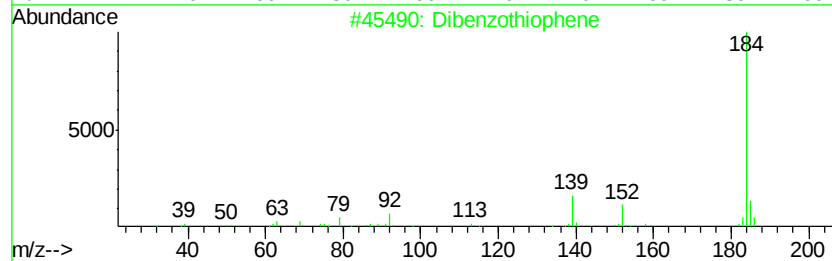
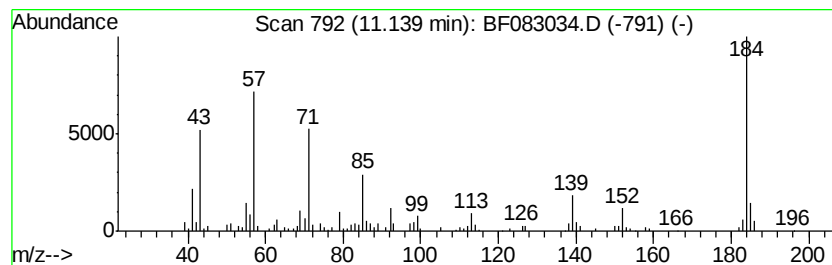
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.14	4.55 ng	232274	Phenanthrene-d10		11.25	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	93
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	92
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	64
4		2,2'-Bipyridine, 6,6'-dimethyl-	184	C12H12N2	004411-80-7	38
5		6-Methoxy-5-quinolinecarbonitrile	184	C11H8N2O	087299-97-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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Acq On : 19 Nov 2015 3:46
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

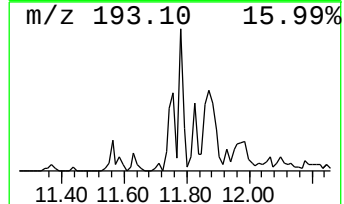
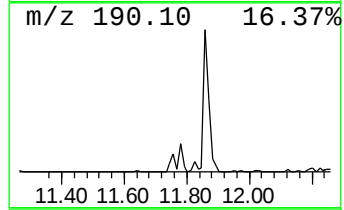
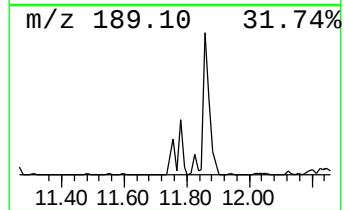
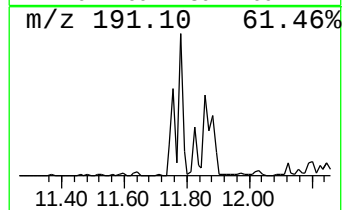
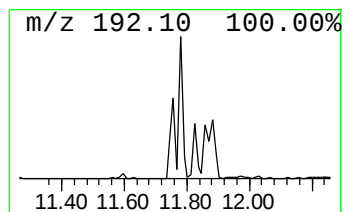
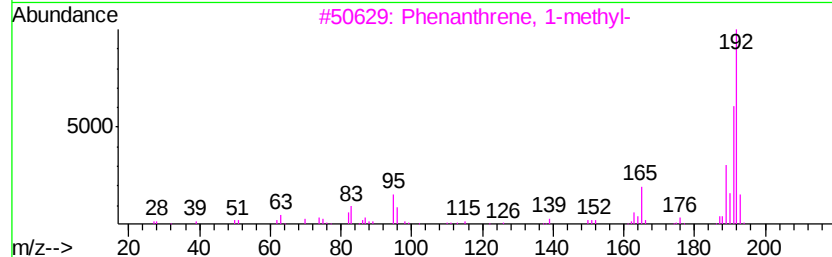
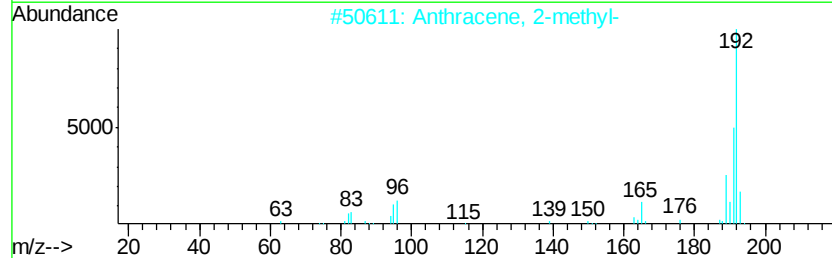
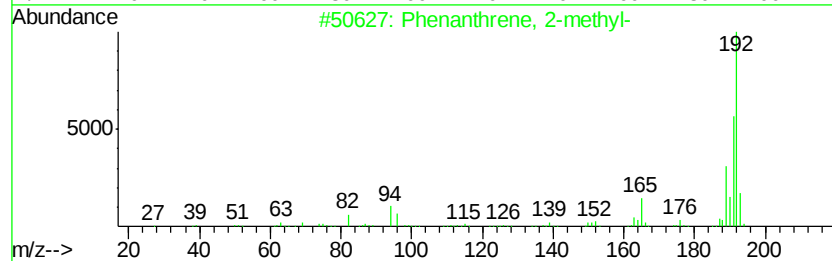
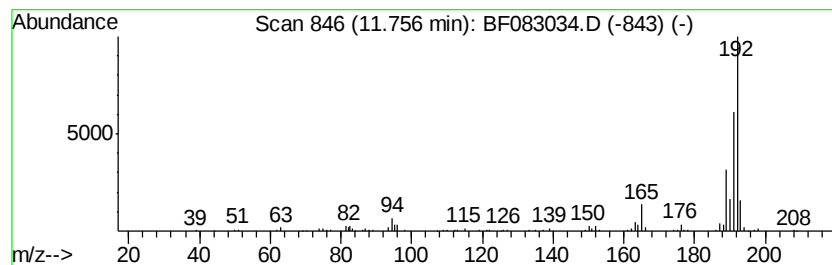
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.76	4.44 ng	226249	Phenanthrene-d10		11.25
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083034.D
Acq On : 19 Nov 2015 3:46
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

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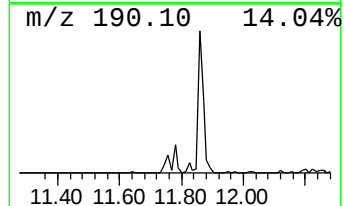
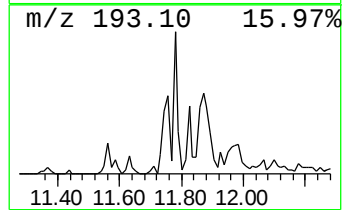
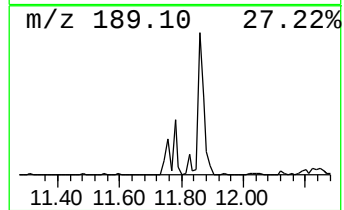
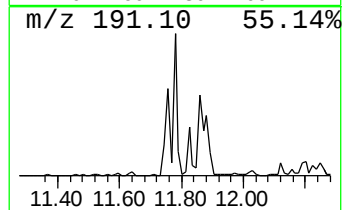
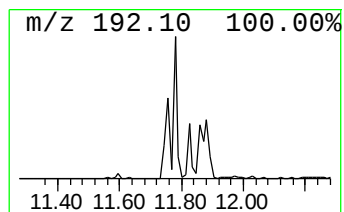
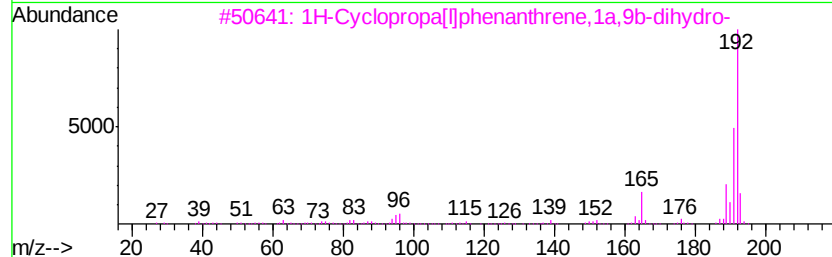
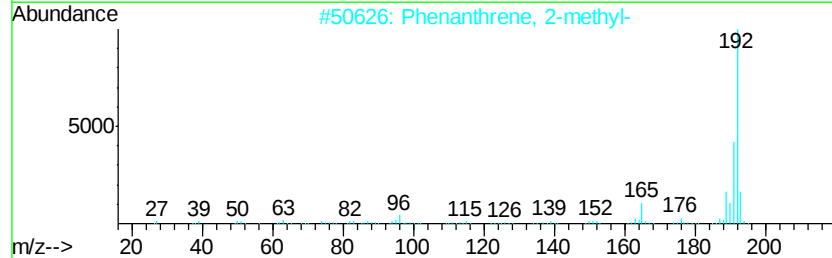
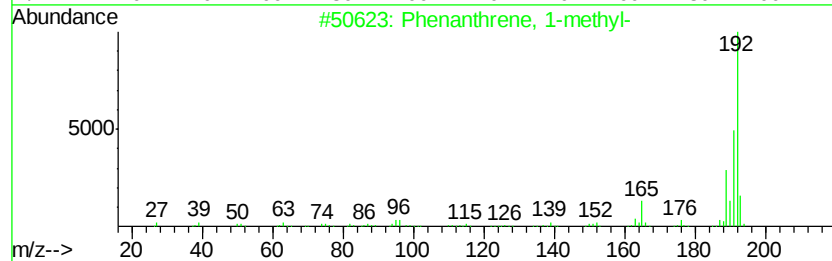
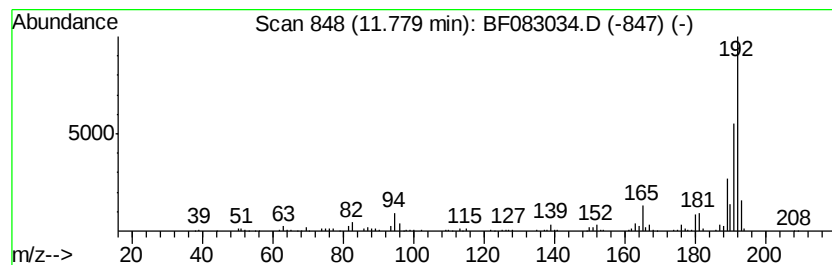
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	5.71 ng	291488	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083034.D
Acq On : 19 Nov 2015 3:46
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

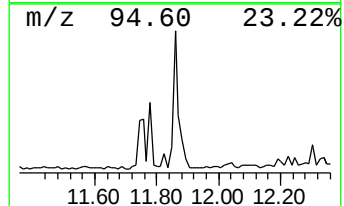
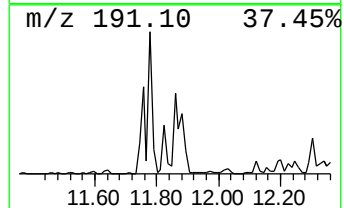
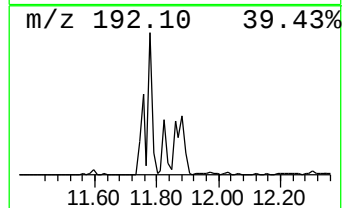
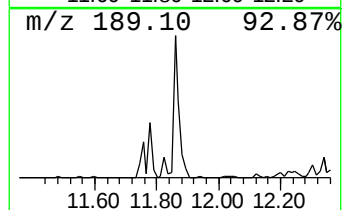
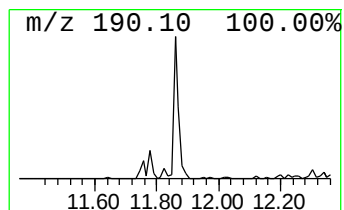
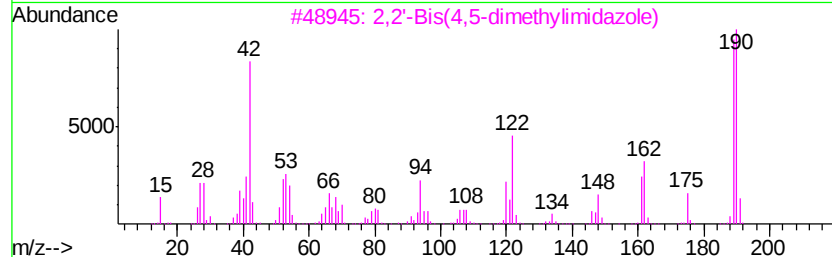
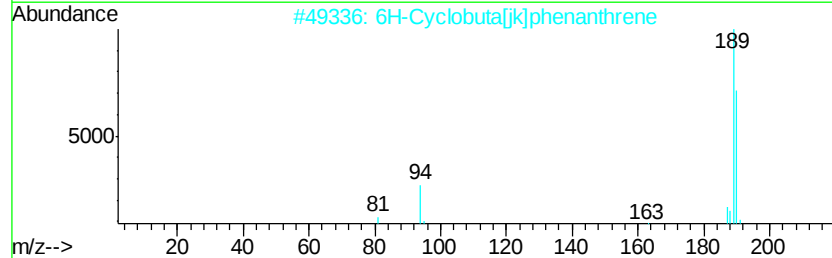
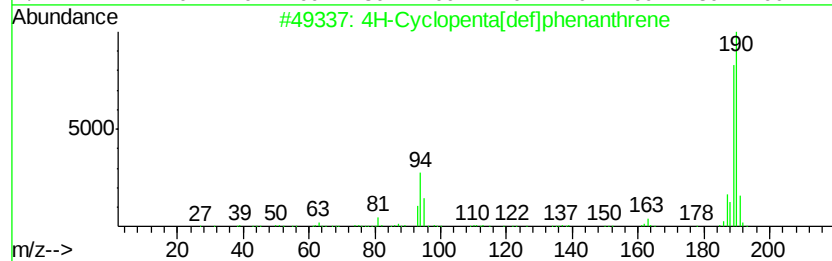
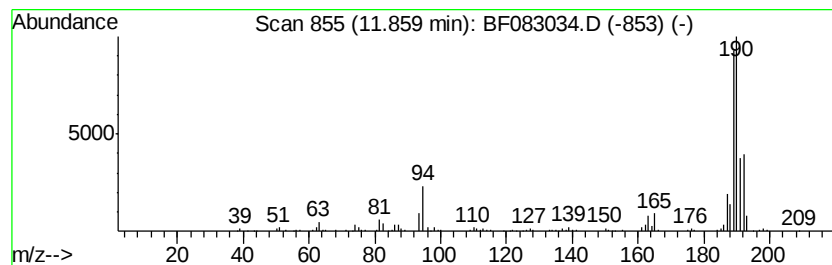
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	10.63 ng	542453	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	16
5	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4O5	038362-25-3	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083034.D
Acq On : 19 Nov 2015 3:46
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Sample : G4426-07
Misc :
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Instrument :
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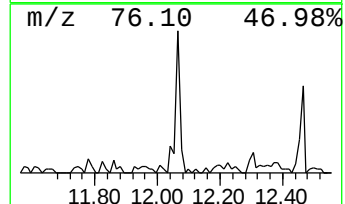
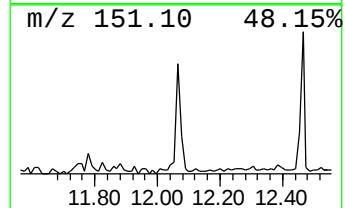
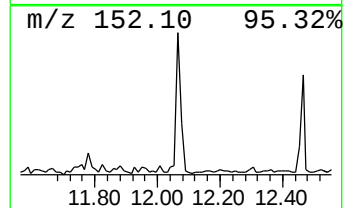
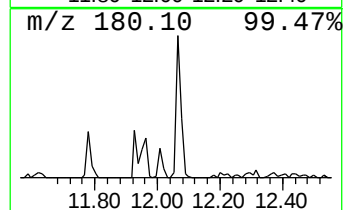
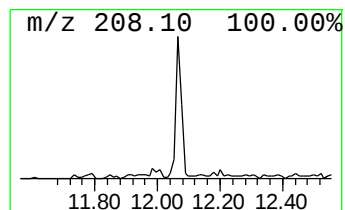
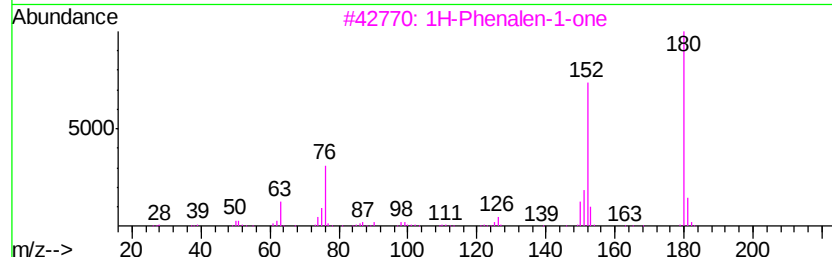
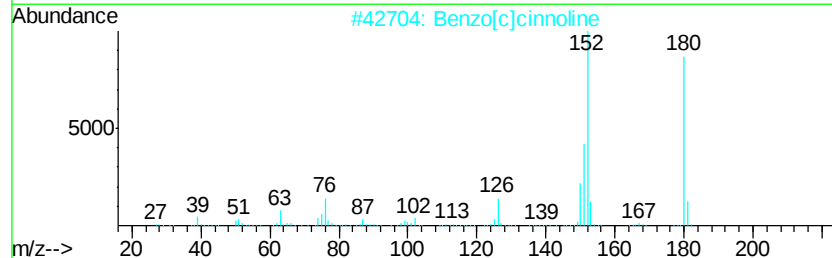
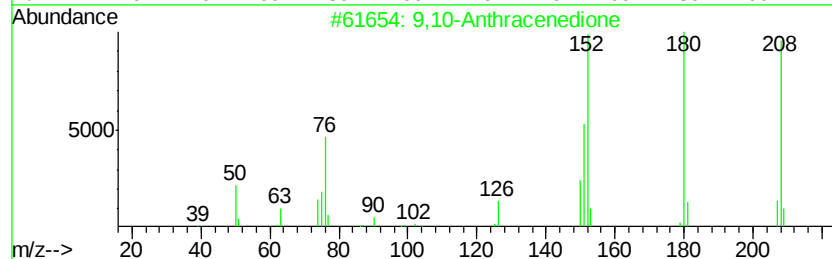
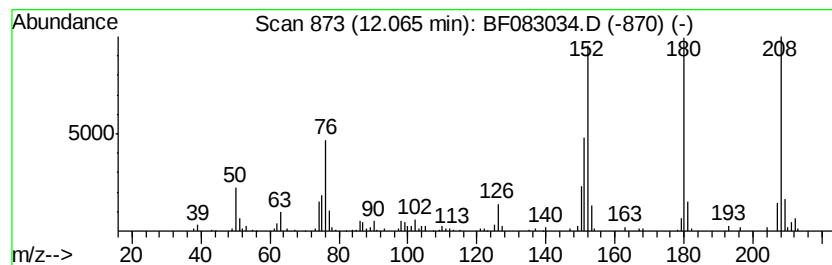
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	6.90 ng	351889	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083034.D
Acq On : 19 Nov 2015 3:46
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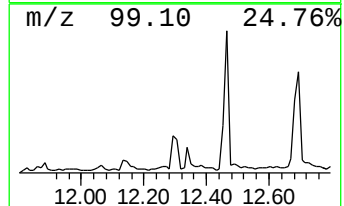
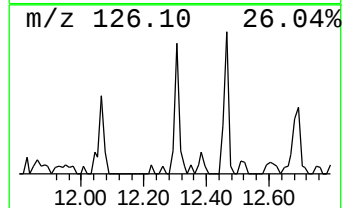
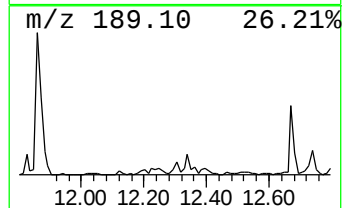
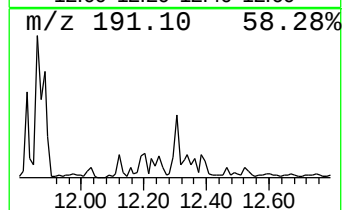
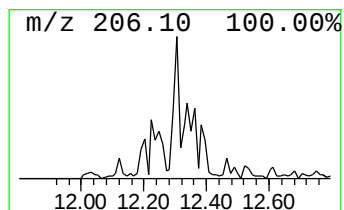
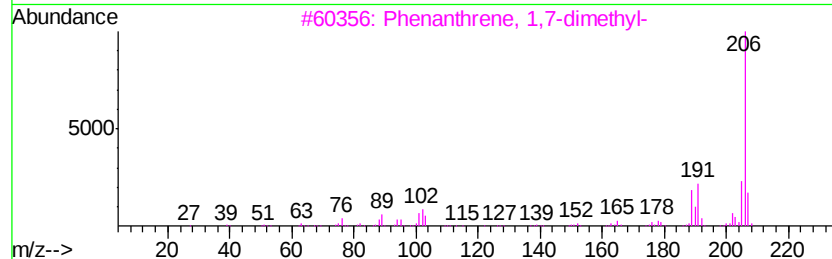
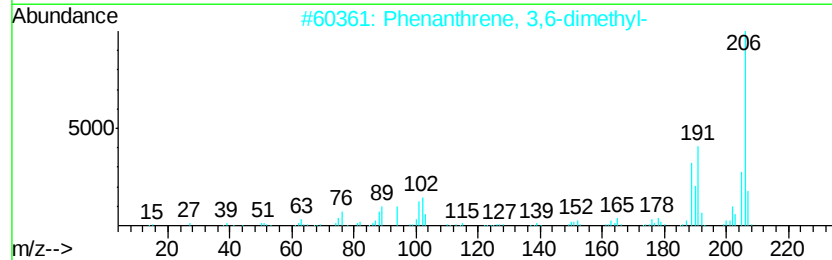
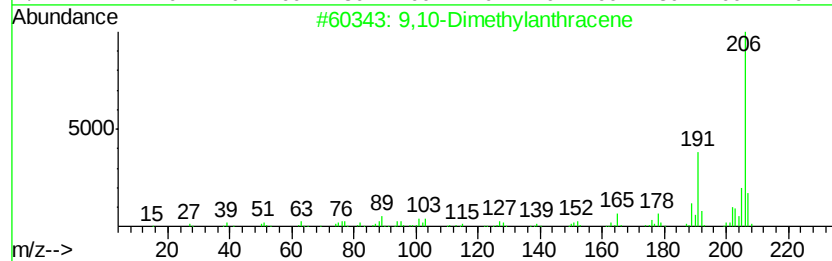
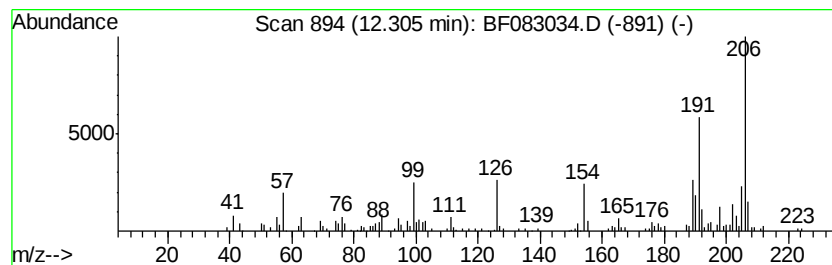
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,10-Dimethylantracene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.76 ng	191879	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	83
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	70
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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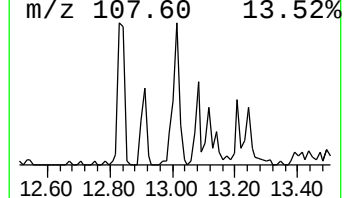
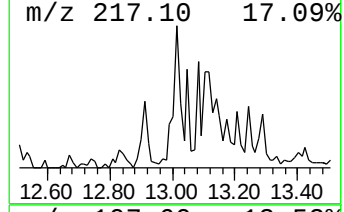
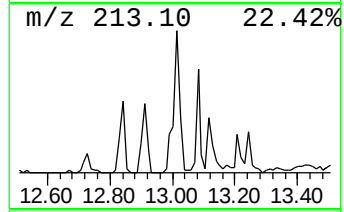
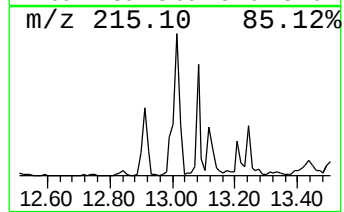
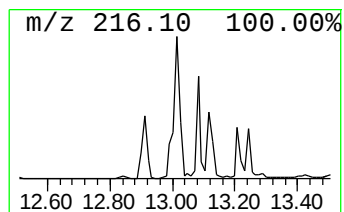
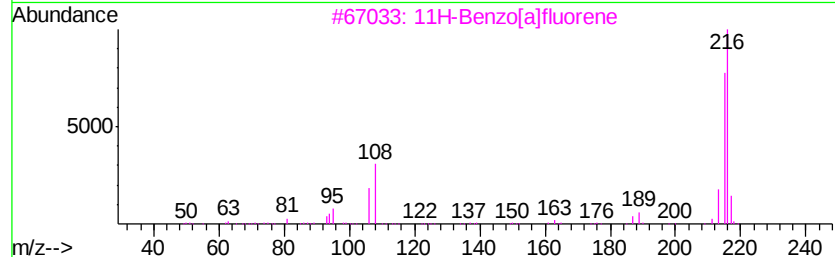
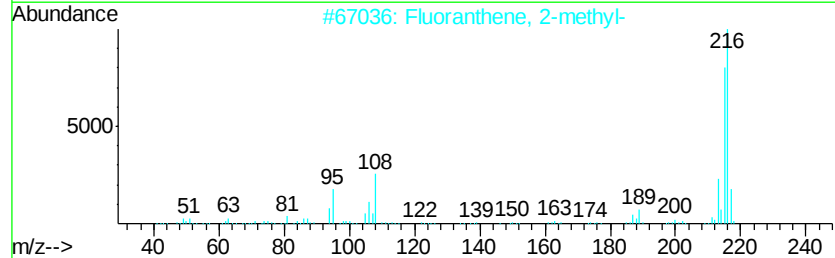
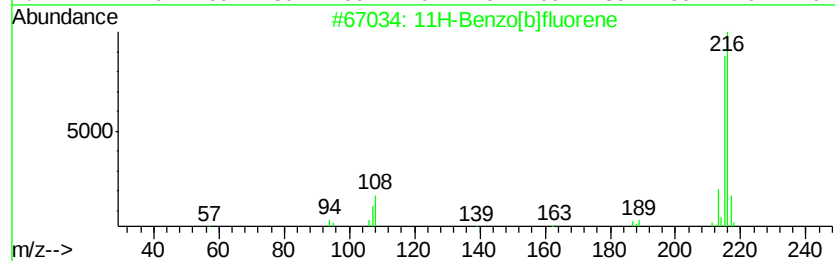
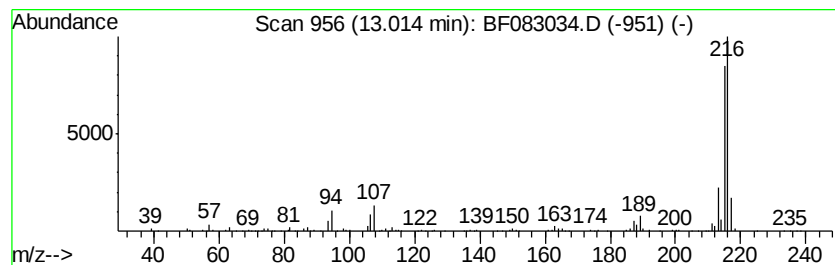
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.01	4.30 ng	553415	Chrysene-d12	13.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083034.D
Acq On : 19 Nov 2015 3:46
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

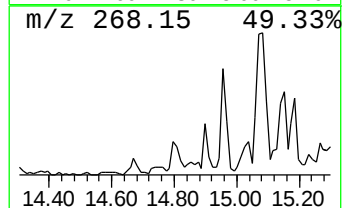
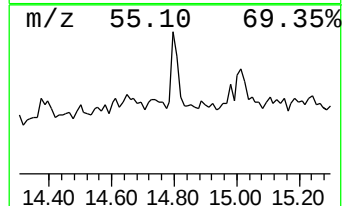
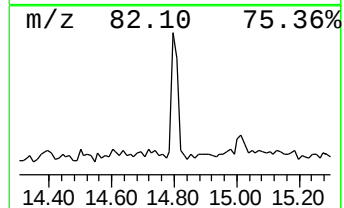
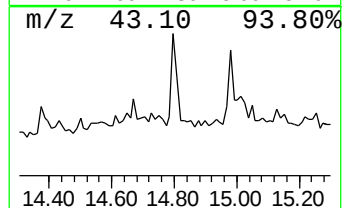
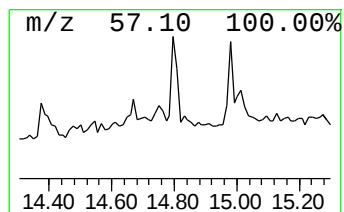
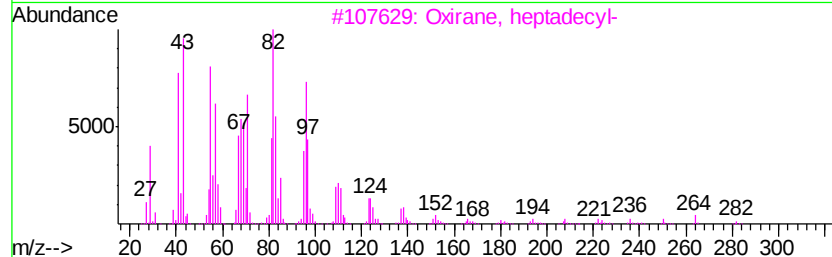
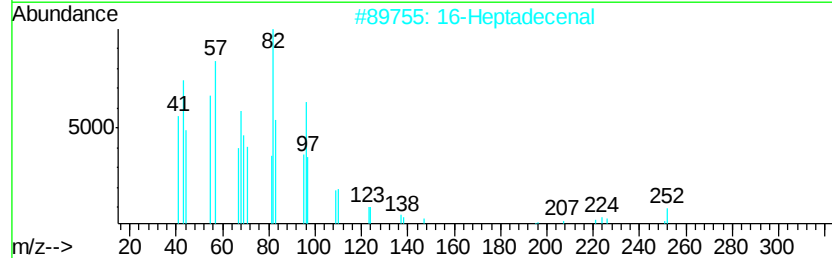
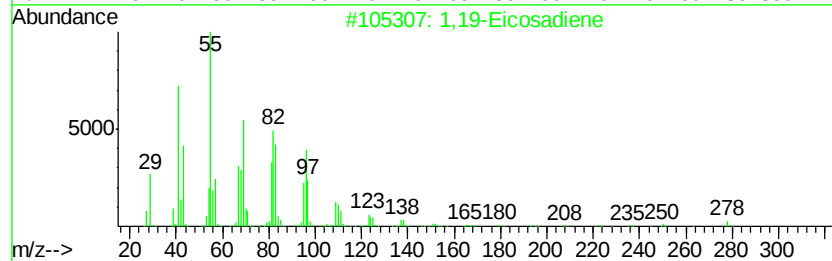
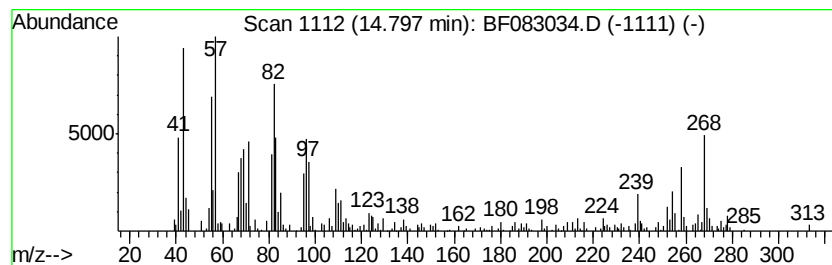
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,19-Eicosadiene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.80	6.99 ng	186373	Perylene-d12	15.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	16-Heptadecenal	252	C17H32O	1000144-57-9	90
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	83
5	Tetradecanal	212	C14H28O	000124-25-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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Acq On : 19 Nov 2015 3:46
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

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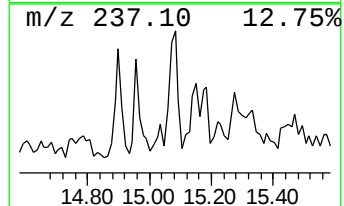
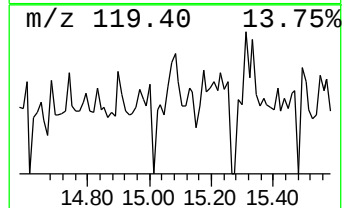
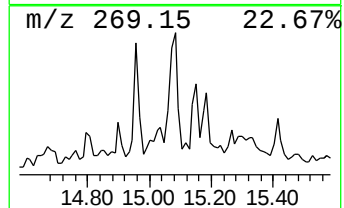
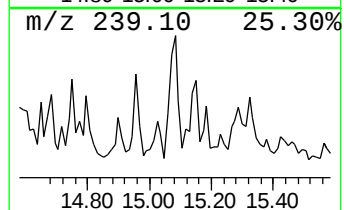
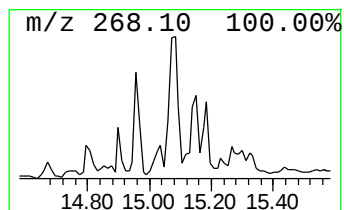
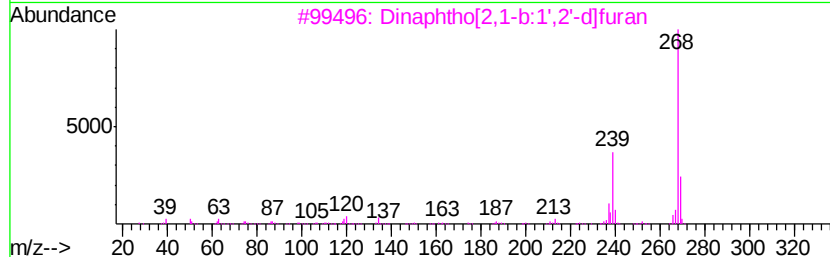
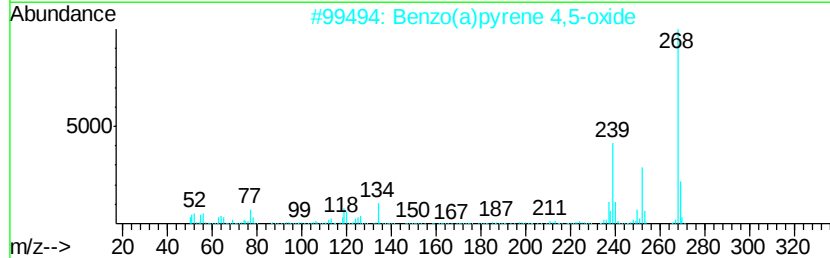
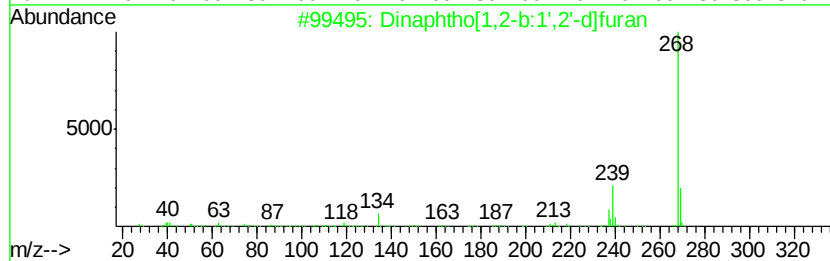
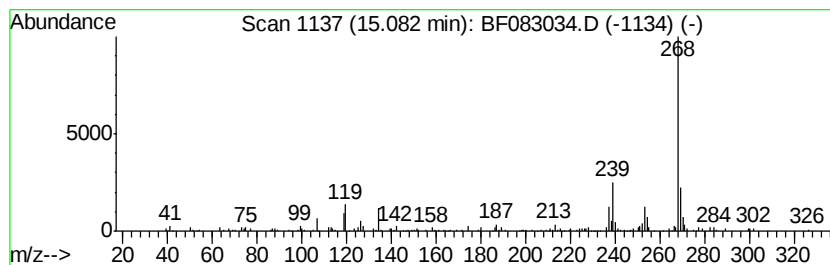
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	5.70 ng	152082	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	74
3		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	64
4		3,4-Epoxy-4a-ethyl-2,3,4,4a,5,6-...	268	C17H20N2O	080249-75-8	60
5		Phenol, 2,2'-[1,2-ethanediylbis(...	268	C16H16N2O2	000094-93-9	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083034.D
Acq On : 19 Nov 2015 3:46
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

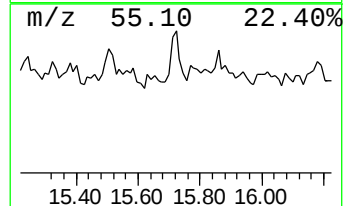
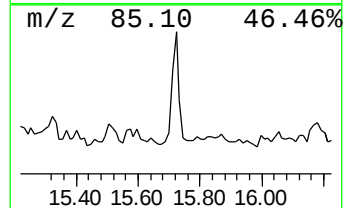
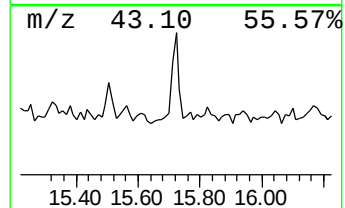
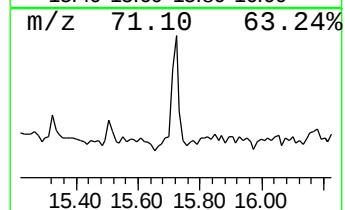
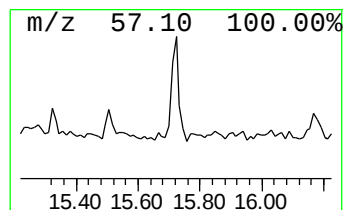
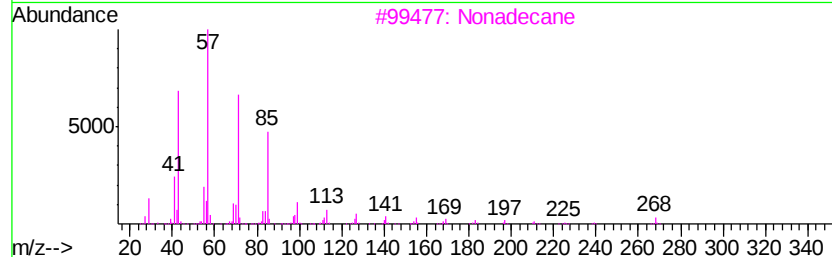
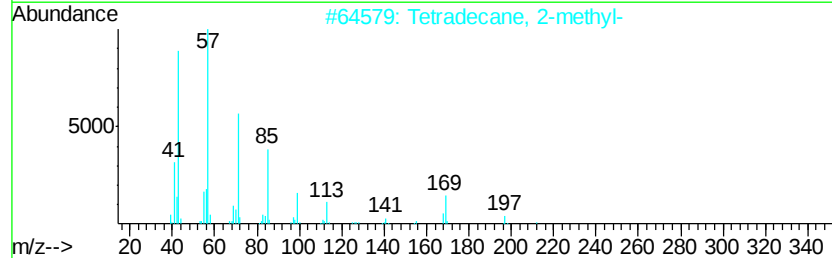
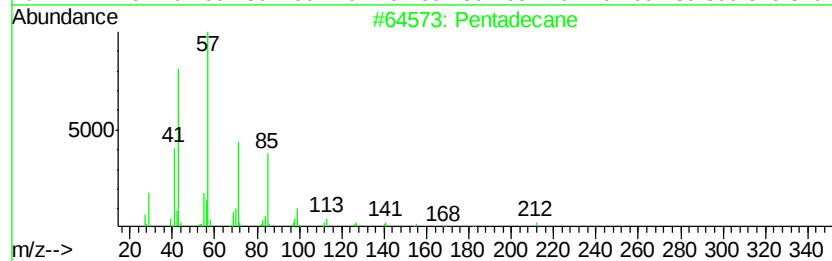
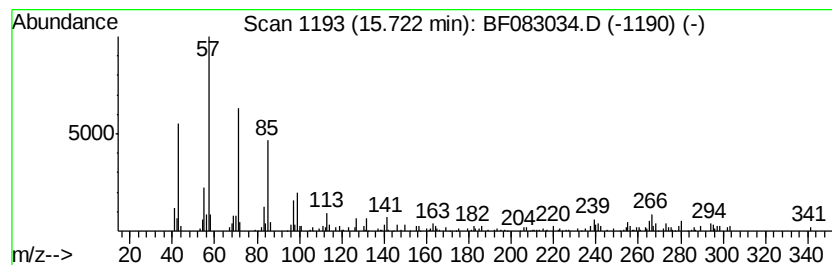
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	5.79 ng	154509	Perylene-d12	15.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	68
2	Tetradecane, 2-methyl-	212 C15H32	001560-95-8	64
3	Nonadecane	268 C19H40	000629-92-5	64
4	Heptadecane	240 C17H36	000629-78-7	64
5	3,5-Dimethyldodecane	198 C14H30	107770-99-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

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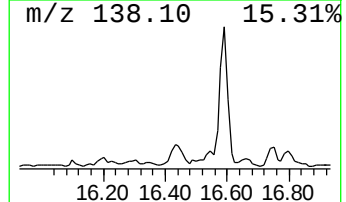
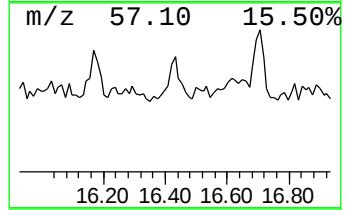
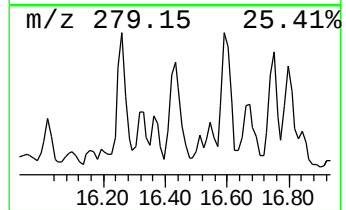
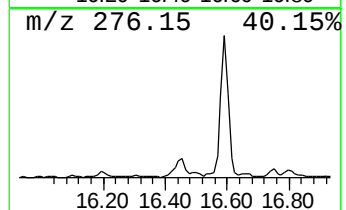
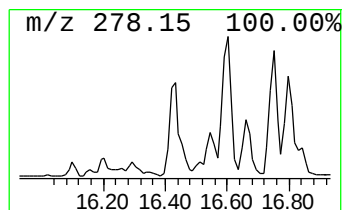
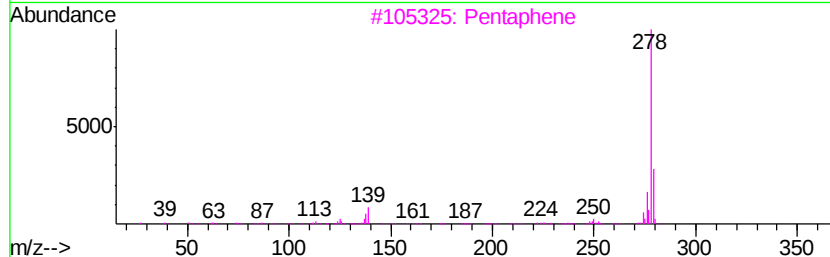
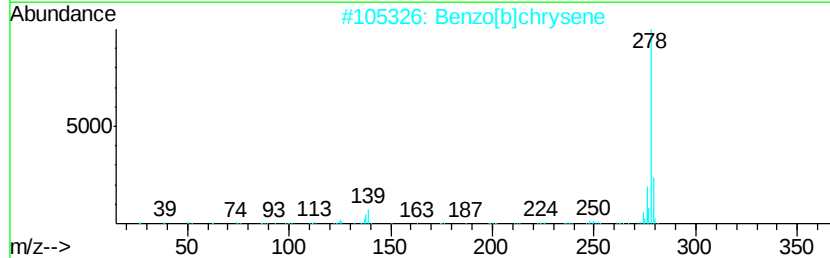
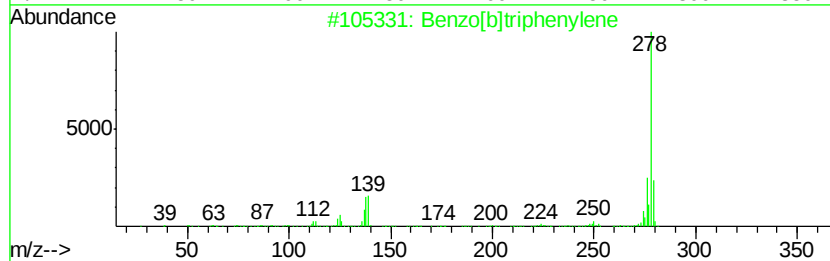
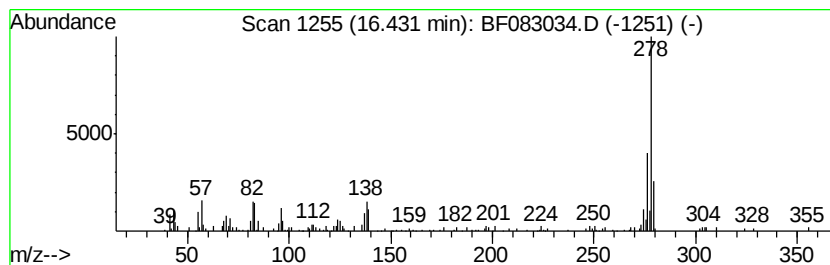
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]triphenylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	11.59 ng	308902	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	92
2		Benzo[b]chrysene	278	C22H14	000214-17-5	83
3		Pentaphene	278	C22H14	000222-93-5	83
4		Pyrene, 1-phenyl-	278	C22H14	005101-27-9	78
5		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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...	4.90	54.1	ng	1997620	1	6.74	738231	20.0
unknown6.51	6.51	113.7	ng	4195090	1	6.74	738231	20.0
Tridecane	10.69	4.7	ng	238350	4	11.25	1020220	20.0
Dibenzothiophene	11.14	4.5	ng	232274	4	11.25	1020220	20.0
Phenanthrene, 2-m...	11.76	4.4	ng	226249	4	11.25	1020220	20.0
Phenanthrene, 1-m...	11.78	5.7	ng	291488	4	11.25	1020220	20.0
4H-Cyclopenta[def...	11.86	10.6	ng	542453	4	11.25	1020220	20.0
9,10-Anthracenedione	12.06	6.9	ng	351889	4	11.25	1020220	20.0
9,10-Dimethylanthe...	12.30	3.8	ng	191879	4	11.25	1020220	20.0
11H-Benzo[b]fluorene	13.01	4.3	ng	553415	5	13.88	2573170	20.0
1,19-Eicosadiene	14.80	7.0	ng	186373	6	15.28	533270	20.0
Dinaphtho[1,2-b:1...	15.08	5.7	ng	152082	6	15.28	533270	20.0
Pentadecane	15.72	5.8	ng	154509	6	15.28	533270	20.0
Benzo[b]triphenylene	16.43	11.6	ng	308902	6	15.28	533270	20.0