

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084481.D
 Acq On : 14 Jan 2016 10:35
 Operator : SJ/UM
 Sample : H1077-05 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-5-20160108

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-BF123115.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	252	255	261	rBV	372813	534407	11.68%	0.725%
2	5.424	290	292	295	rBV	1533725	1959571	42.84%	2.658%
3	6.464	381	383	386	rBV	2168646	1904445	41.63%	2.583%
4	6.602	392	395	397	rBV	2019607	2070446	45.26%	2.809%
5	6.830	413	415	417	rBV	2837222	2355403	51.49%	3.195%
6	6.990	426	429	431	rBV	1564096	1588255	34.72%	2.154%
7	7.390	462	464	467	rBV	1215488	1176456	25.72%	1.596%
8	8.122	525	528	532	rBV2	3491006	3940525	86.14%	5.345%
9	8.830	588	590	593	rBV	435124	355254	7.77%	0.482%
10	8.933	596	599	601	rVB	276786	257364	5.63%	0.349%
11	9.196	620	622	624	rBV	2647780	2186283	47.79%	2.966%
12	9.299	627	631	633	rBV	81852	116627	2.55%	0.158%
13	9.390	637	639	642	rVB	70600	72353	1.58%	0.098%
14	9.459	642	645	647	rBV	118035	159730	3.49%	0.217%
15	9.528	649	651	653	rBV	208054	257686	5.63%	0.350%
16	9.562	653	654	655	rVV	98900	72921	1.59%	0.099%
17	9.596	655	657	659	rVV	222523	277295	6.06%	0.376%
18	9.653	659	662	664	rVV2	60639	119844	2.62%	0.163%
19	9.733	666	669	671	rVV	388633	336292	7.35%	0.456%
20	9.871	679	681	683	rBV	3052314	2880078	62.96%	3.907%
21	9.905	683	684	686	rVB	752823	542026	11.85%	0.735%
22	10.031	693	695	697	rBV2	81923	91939	2.01%	0.125%
23	10.076	697	699	701	rBV	583677	496539	10.85%	0.674%
24	10.111	701	702	706	rVB2	63832	72770	1.59%	0.099%
25	10.191	706	709	710	rBV	73652	75003	1.64%	0.102%
26	10.282	714	717	722	rBV3	77129	191326	4.18%	0.260%
27	10.385	722	726	727	rBV3	33271	66495	1.45%	0.090%
28	10.419	727	729	731	rBV	842885	734060	16.05%	0.996%
29	10.499	731	736	738	rBV3	93458	239733	5.24%	0.325%
30	10.579	740	743	745	rVB2	150197	201825	4.41%	0.274%
31	10.659	747	750	752	rBV	1157538	1140148	24.92%	1.547%
32	10.705	752	754	756	rVB2	61112	80214	1.75%	0.109%
33	10.785	756	761	764	rBV2	127174	185667	4.06%	0.252%
34	10.968	773	777	778	rBV2	157754	236279	5.17%	0.321%

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35	11.048	782	784	785 rVB	76615	71392	1.56%	0.097%
36	11.116	785	790	792 rBV2	114696	238184	5.21%	0.323%
37	11.162	792	794	796 rVB	180772	185071	4.05%	0.251%
38	11.208	796	798	800 rBV2	113259	235231	5.14%	0.319%
39	11.254	800	802	805 rVB	304007	317477	6.94%	0.431%
40	11.356	808	811	812 rBV	2635772	2657491	58.09%	3.605%
41	11.379	812	813	815 rVB	4463719	3636387	79.49%	4.933%
42	11.425	815	817	819 rVB	854560	1006466	22.00%	1.365%
43	11.459	819	820	822 rVB2	109033	114141	2.50%	0.155%
44	11.585	828	831	835 rBV	469116	548040	11.98%	0.743%
45	11.654	835	837	838 rBV	159663	128526	2.81%	0.174%
46	11.688	838	840	842 rVB2	101732	87034	1.90%	0.118%
47	11.859	852	855	856 rBV	514057	563909	12.33%	0.765%
48	11.882	856	857	859 rVB	758728	634377	13.87%	0.861%
49	11.928	859	861	863 rBV	284003	305835	6.69%	0.415%
50	11.962	863	864	869 rVB	649313	1218986	26.65%	1.654%
51	12.156	878	881	884 rVB2	281469	608279	13.30%	0.825%
52	12.305	891	894	895 rBV3	113680	165835	3.63%	0.225%
53	12.328	895	896	897 rBV	94589	88004	1.92%	0.119%
54	12.408	900	903	904 rBV	290987	344443	7.53%	0.467%
55	12.442	904	906	909 rVB3	166802	244981	5.36%	0.332%
56	12.488	909	910	914 rVB2	226024	229919	5.03%	0.312%
57	12.568	914	917	919 rBV	4451863	3957707	86.52%	5.369%
58	12.625	919	922	924 rBV2	87279	161336	3.53%	0.219%
59	12.659	924	925	926 rVB	162158	111159	2.43%	0.151%
60	12.717	926	930	934 rBV3	160880	334460	7.31%	0.454%
61	12.797	934	937	939 rBV	3826251	4203651	91.89%	5.702%
62	12.842	939	941	945 rVB2	183529	215069	4.70%	0.292%
63	12.911	945	947	948 rBV	225142	242217	5.29%	0.329%
64	12.934	948	949	953 rVB2	1117597	1469331	32.12%	1.993%
65	13.014	953	956	958 rBV2	283472	477907	10.45%	0.648%
66	13.117	961	965	967 rVB2	492446	816690	17.85%	1.108%
67	13.185	969	971	973 rBV	407626	378159	8.27%	0.513%
68	13.219	973	974	978 rVB2	359276	463512	10.13%	0.629%
69	13.311	981	982	984 rVB	159239	188093	4.11%	0.255%
70	13.345	984	985	987 rBV	229116	208962	4.57%	0.283%
71	13.425	990	992	995 rVB4	57975	89662	1.96%	0.122%

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72	13.528	997	1001	1006	rBV6	98460	392700	8.58%	0.533%
73	13.631	1006	1010	1012	rBV2	234920	439741	9.61%	0.597%
74	13.734	1016	1019	1021	rBV	303383	480164	10.50%	0.651%
75	13.768	1021	1022	1023	rBV	270306	195407	4.27%	0.265%
76	13.791	1023	1024	1026	rBV2	173945	192842	4.22%	0.262%
77	13.837	1026	1028	1032	rVB	303579	329387	7.20%	0.447%
78	13.905	1032	1034	1037	rVB	61961	75298	1.65%	0.102%
79	13.985	1038	1041	1043	rBV2	2816693	4574587	100.00%	6.205%
80	14.100	1048	1051	1052	rBV2	197023	280181	6.12%	0.380%
81	14.134	1052	1054	1055	rBV	91528	104974	2.29%	0.142%
82	14.180	1056	1058	1059	rVB2	107440	109650	2.40%	0.149%
83	14.214	1059	1061	1063	rBV2	129231	203950	4.46%	0.277%
84	14.374	1073	1075	1077	rBV	325003	375992	8.22%	0.510%
85	14.408	1077	1078	1080	rVB	220028	205860	4.50%	0.279%
86	14.465	1082	1083	1085	rVV	142175	132478	2.90%	0.180%
87	14.500	1085	1086	1090	rVB3	201503	313185	6.85%	0.425%
88	14.568	1090	1092	1096	rVB4	98501	144836	3.17%	0.196%
89	14.682	1099	1102	1103	rBV3	111279	203378	4.45%	0.276%
90	14.922	1121	1123	1124	rBV	77762	84085	1.84%	0.114%
91	15.014	1128	1131	1135	rVV	1484749	3062201	66.94%	4.154%
92	15.105	1138	1139	1141	rVB	298948	315108	6.89%	0.427%
93	15.300	1153	1156	1159	rBV	798270	1180606	25.81%	1.602%
94	15.357	1159	1161	1164	rVV	1301419	1558275	34.06%	2.114%
95	15.414	1164	1166	1172	rVB2	1506122	2342719	51.21%	3.178%
96	16.797	1283	1287	1291	rVB2	504245	1004115	21.95%	1.362%
97	16.957	1299	1301	1304	rBV	95043	183413	4.01%	0.249%
98	17.014	1304	1306	1312	rVB4	95976	246605	5.39%	0.335%
99	17.208	1320	1323	1329	rVB	387114	806608	17.63%	1.094%
100	17.426	1340	1342	1349	rVB2	106365	257224	5.62%	0.349%

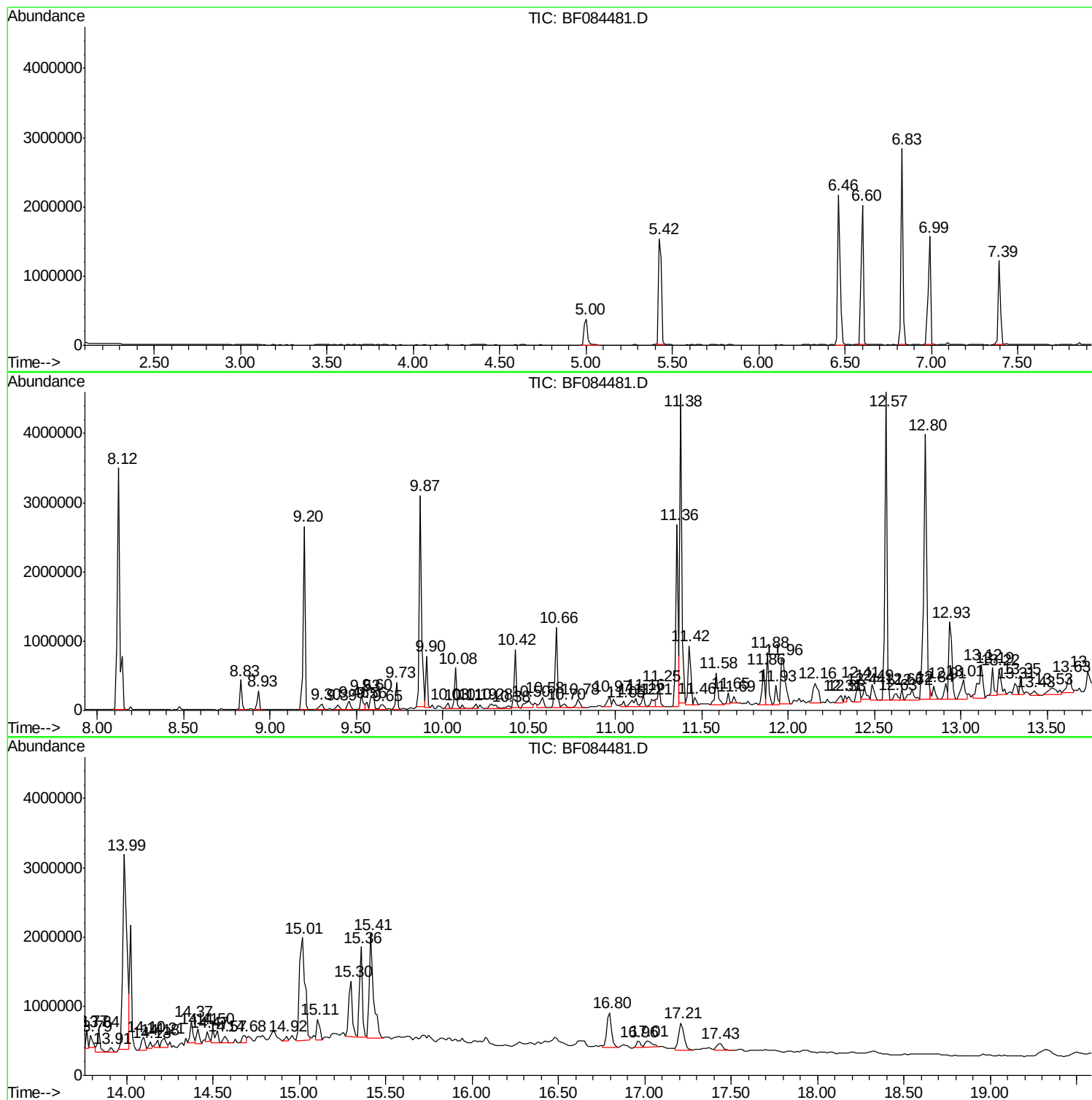
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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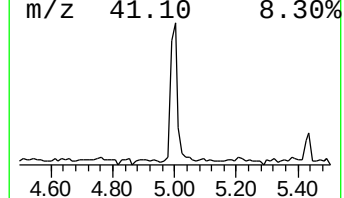
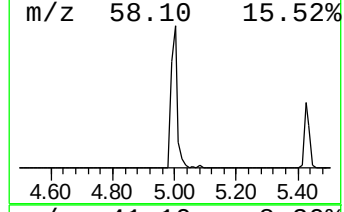
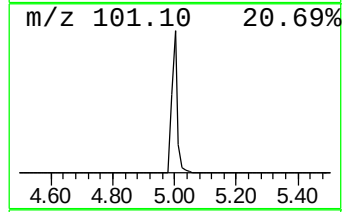
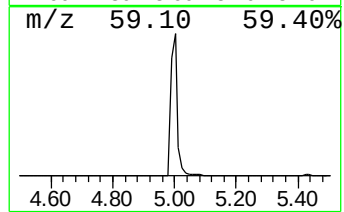
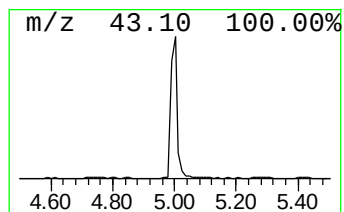
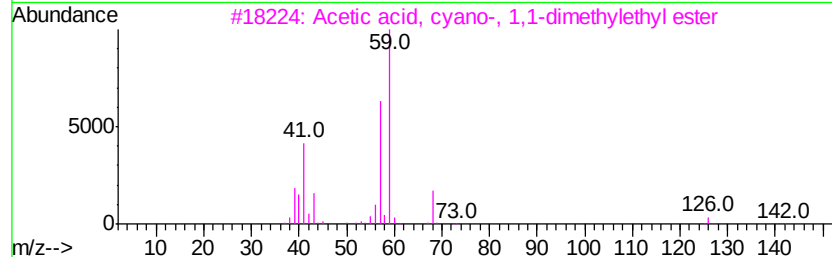
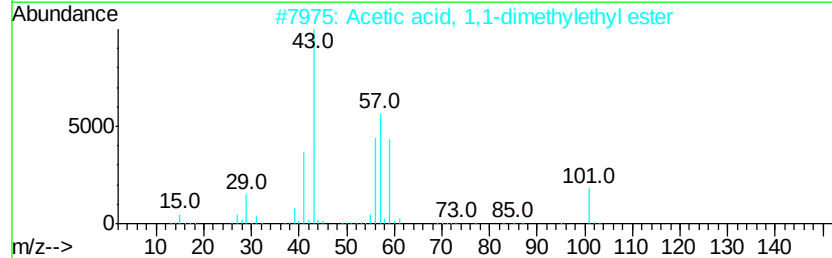
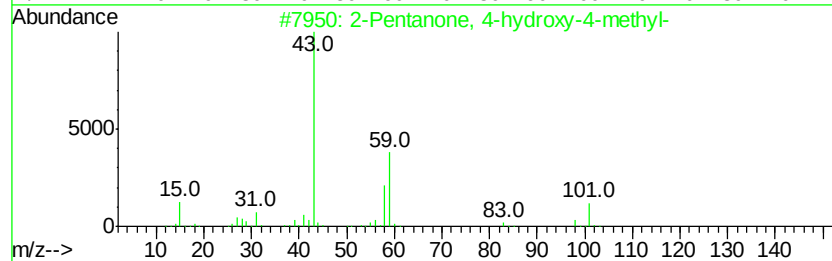
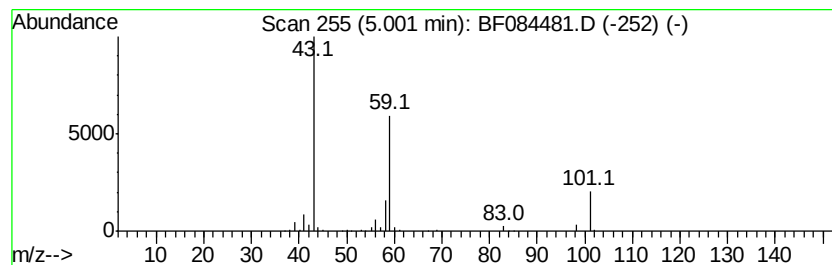
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	4.54 ng	534407	1,4-Dichlorobenzene-d4	6.83

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-dimethyl...	141	C7H11NO2	001116-98-9	17	
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9	
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9	



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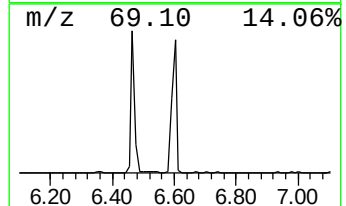
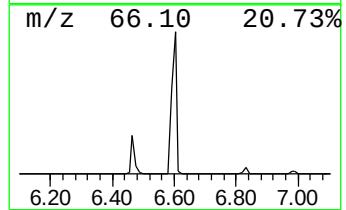
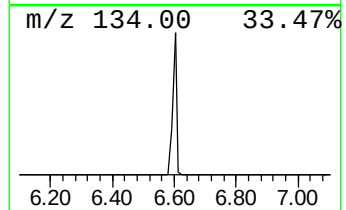
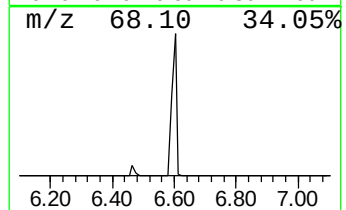
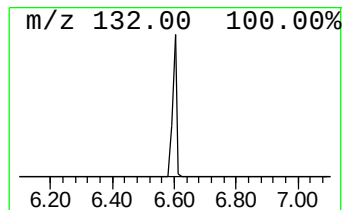
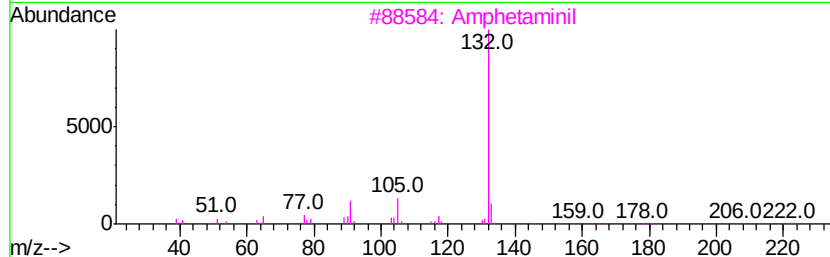
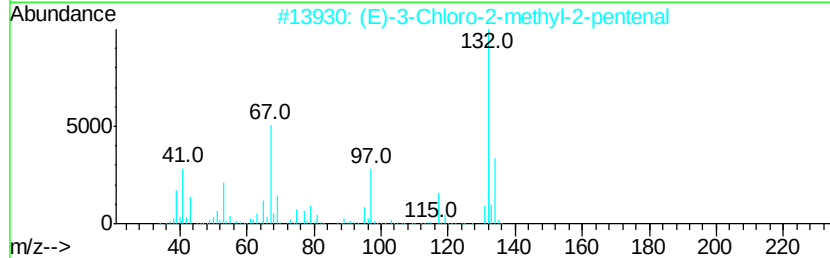
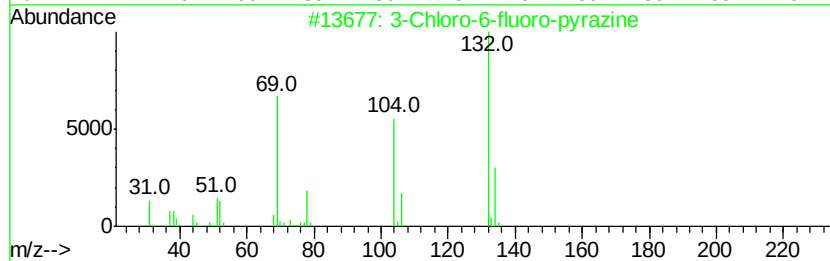
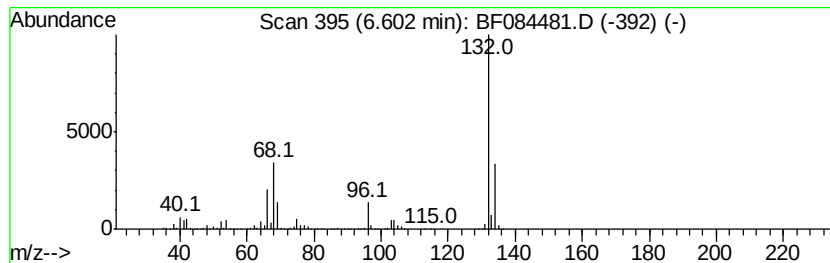
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	17.58 ng	2070450	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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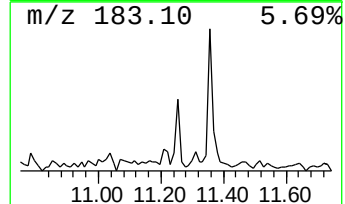
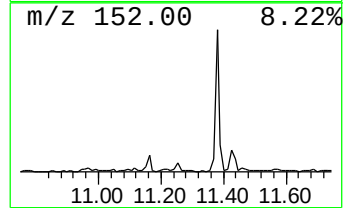
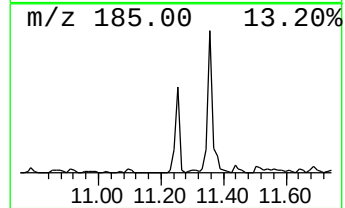
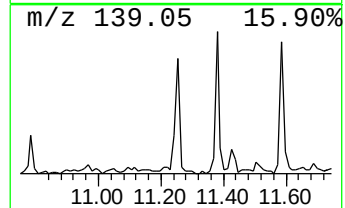
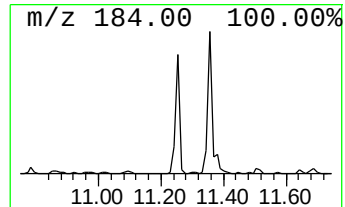
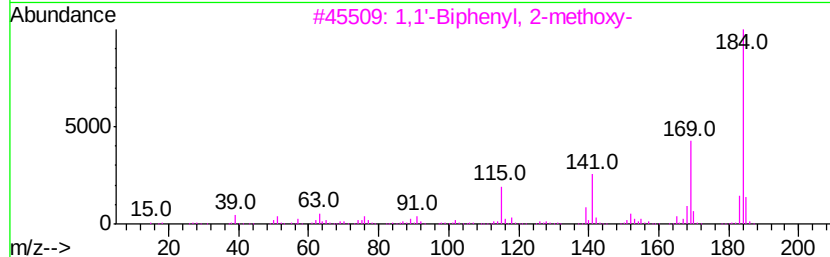
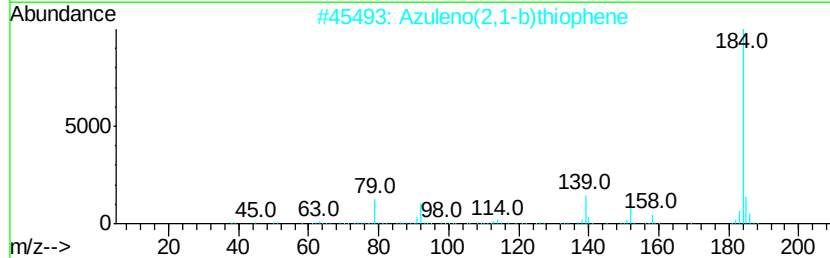
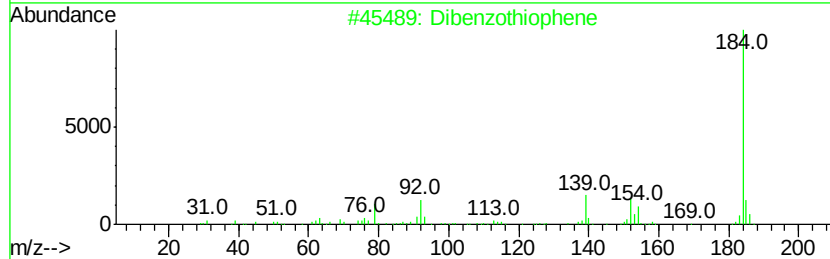
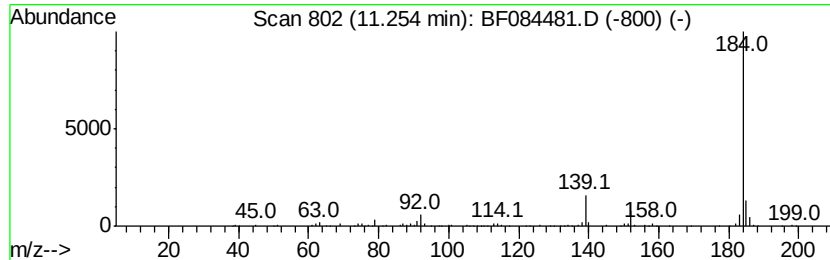
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Peak Number 5 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	2.39 ng	317477	Phenanthrene-d10	11.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dibenzothiophene	184 C12H8S	000132-65-0	94
2	Azuleno(2,1-b)thiophene	184 C12H8S	000248-13-5	91
3	1,1'-Biphenyl, 2-methoxy-	184 C13H12O	000086-26-0	72
4	Naphthalene, 2-ethenyl-6-methoxy-	184 C13H12O	063444-51-9	56
5	1,1'-Biphenyl, 3-methoxy-	184 C13H12O	002113-56-6	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
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Operator : SJ/UM
Sample : H1077-05 5X
Misc :
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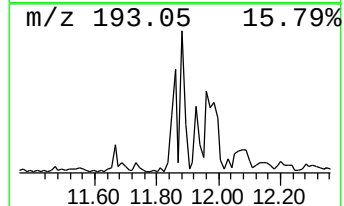
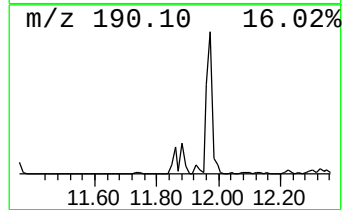
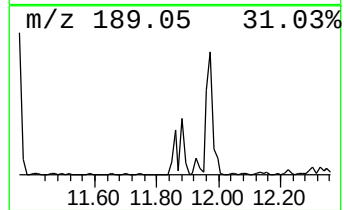
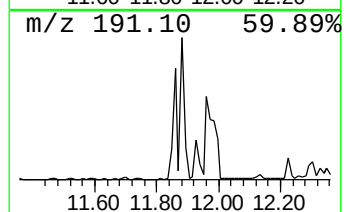
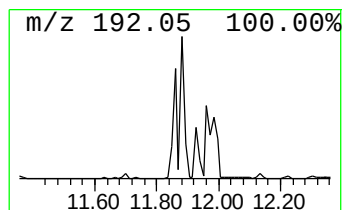
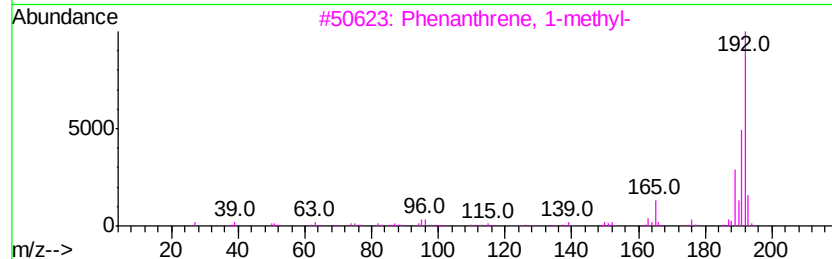
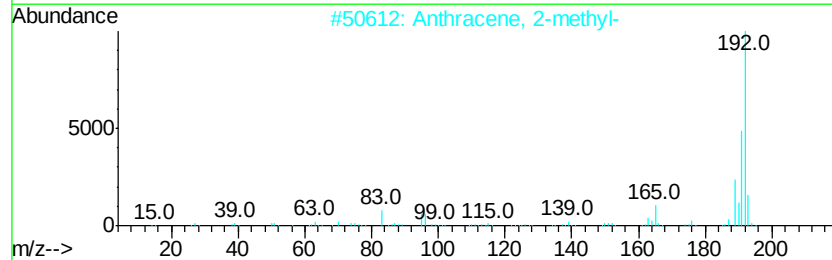
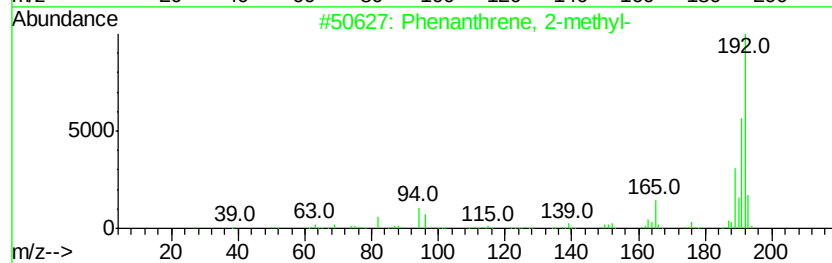
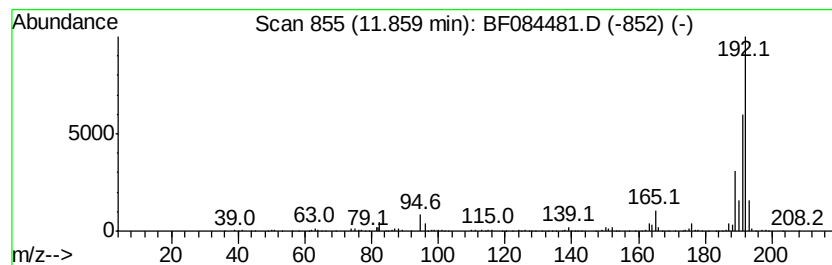
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POST-EX-5-20160108

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.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 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	4.24 ng	563909	Phenanthrene-d10	11.36	
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	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
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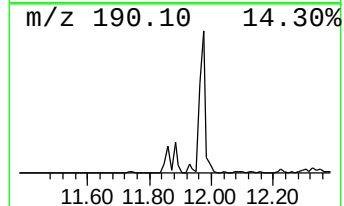
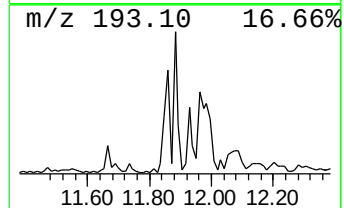
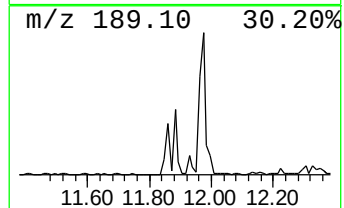
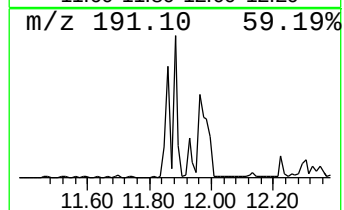
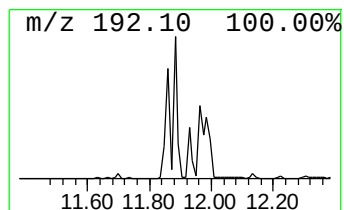
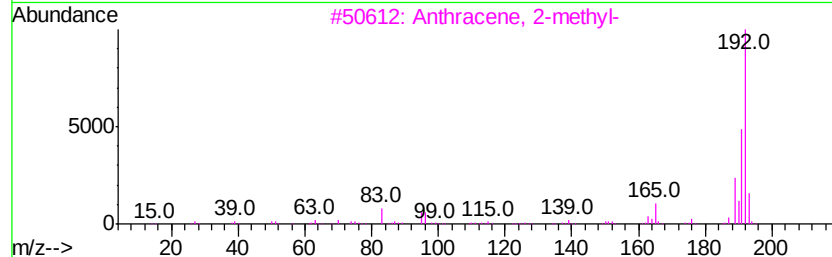
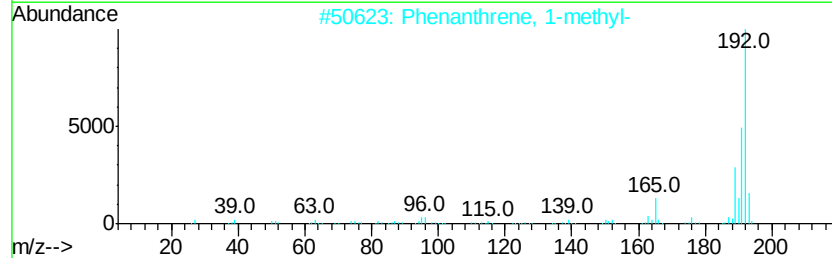
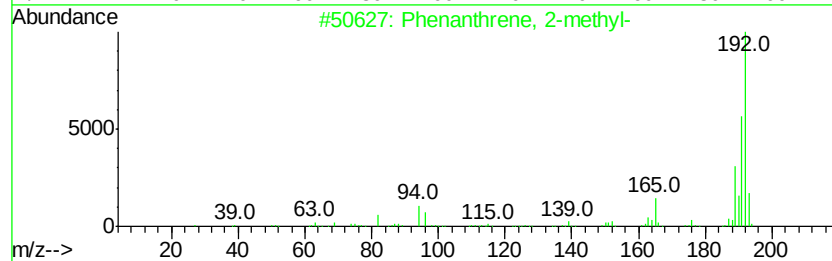
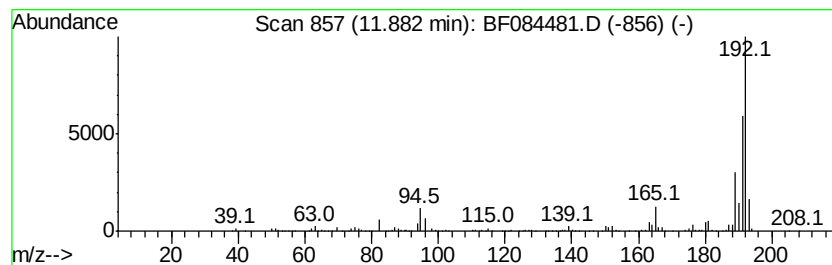
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.88	4.77 ng	634377	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011316\
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Sample : H1077-05 5X
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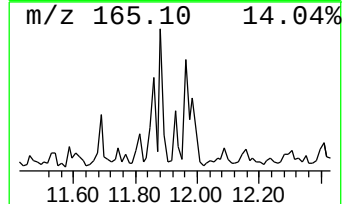
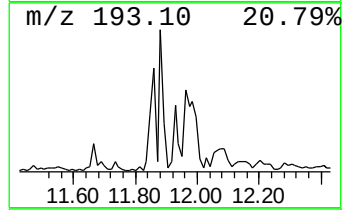
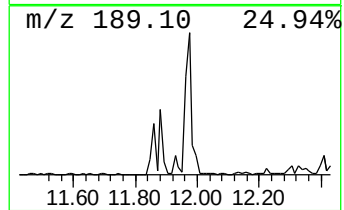
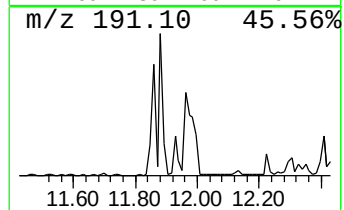
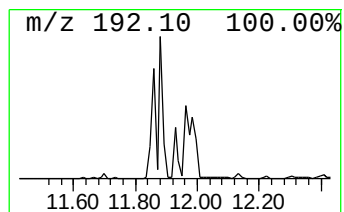
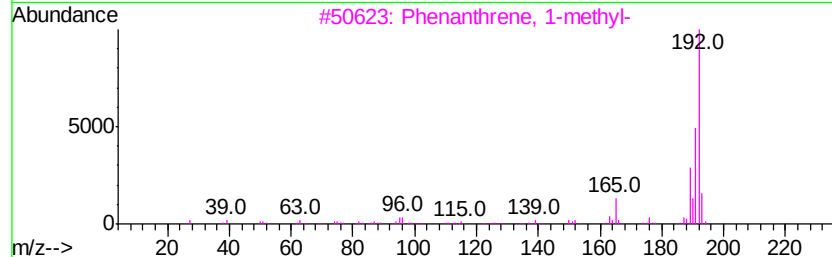
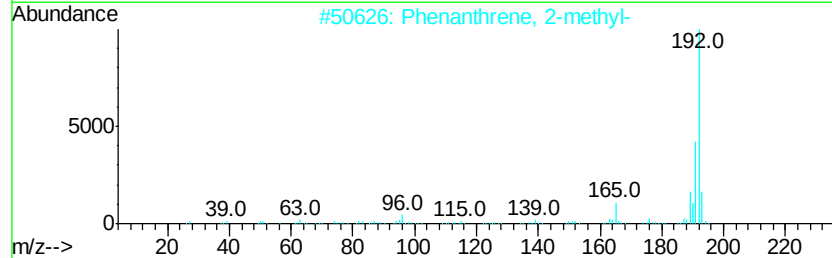
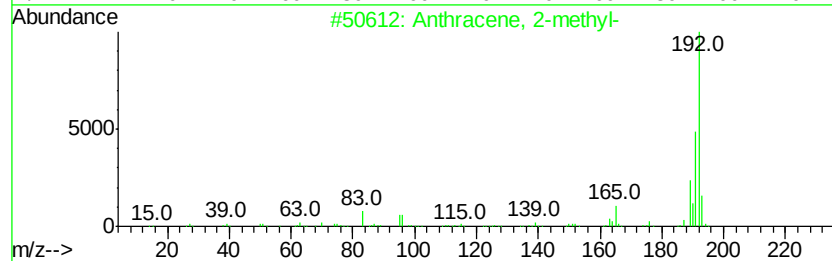
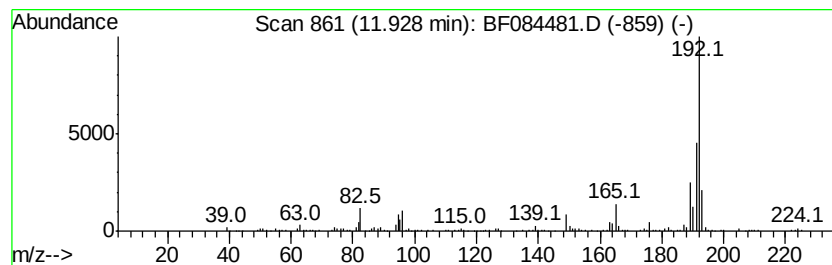
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POST-EX-5-20160108

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.93	2.30 ng	305835	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011316\
Data File : BF084481.D
Acq On : 14 Jan 2016 10:35
Operator : SJ/UM
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ClientSampleId :
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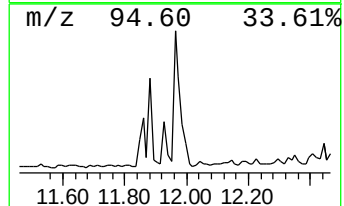
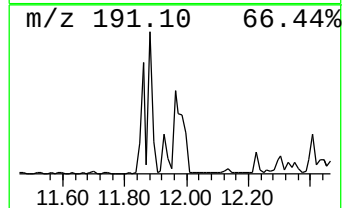
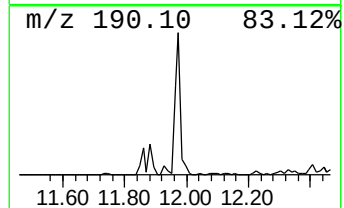
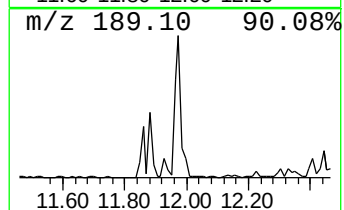
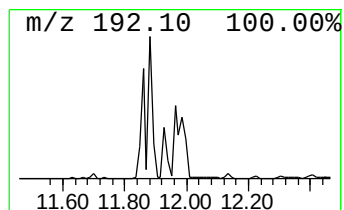
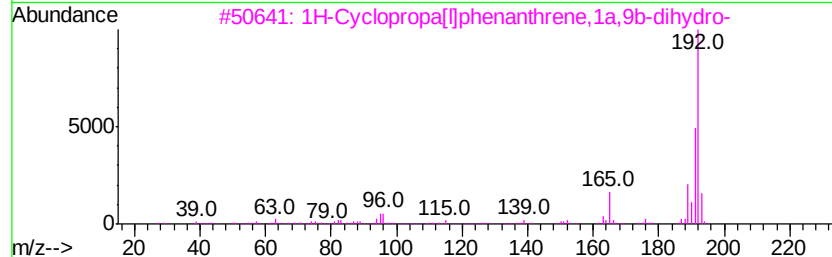
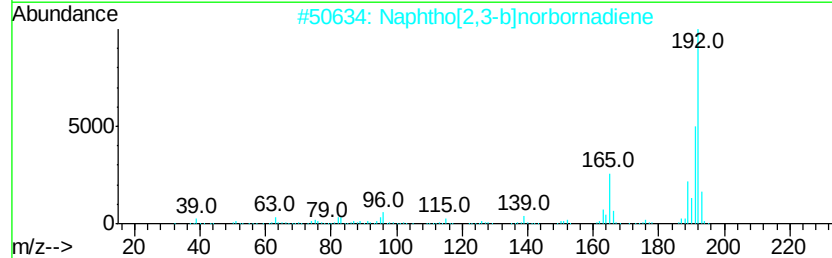
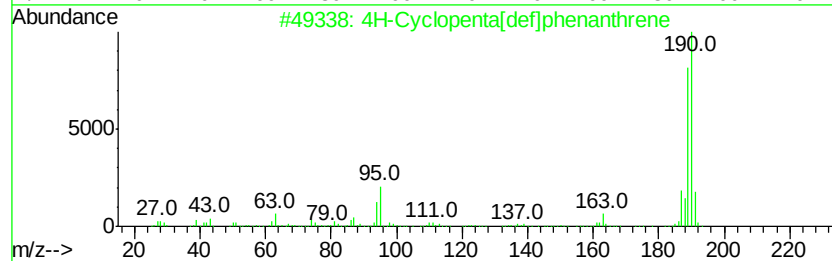
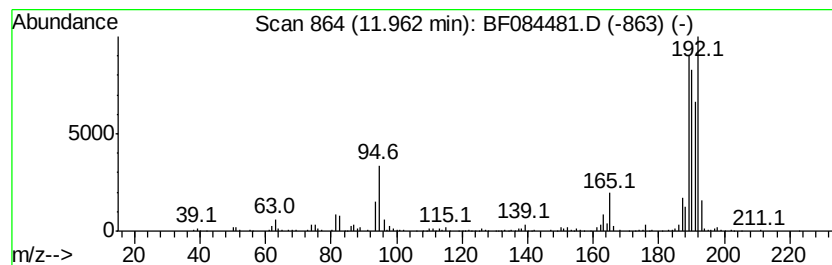
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	9.17 ng	1218990	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
3		1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	46
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011316\
Data File : BF084481.D
Acq On : 14 Jan 2016 10:35
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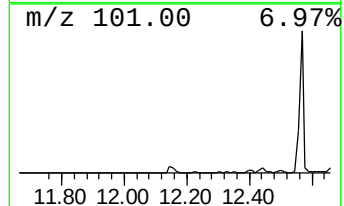
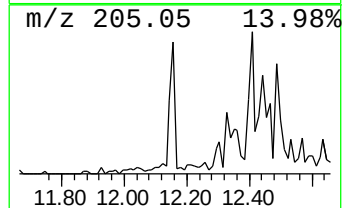
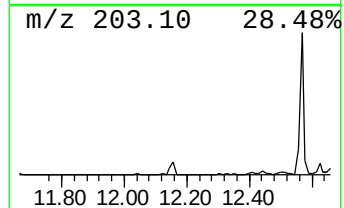
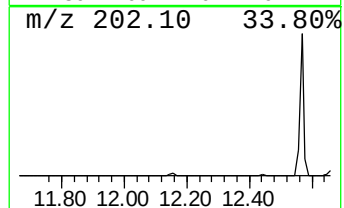
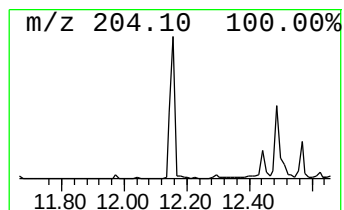
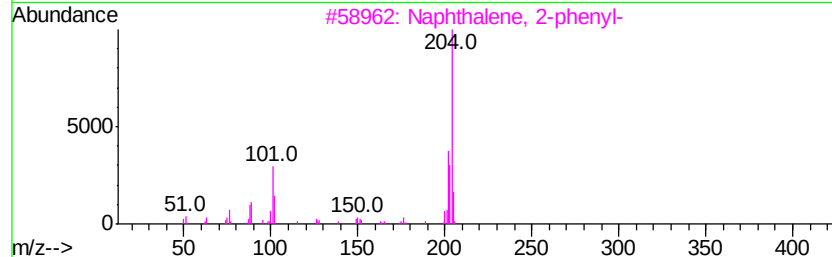
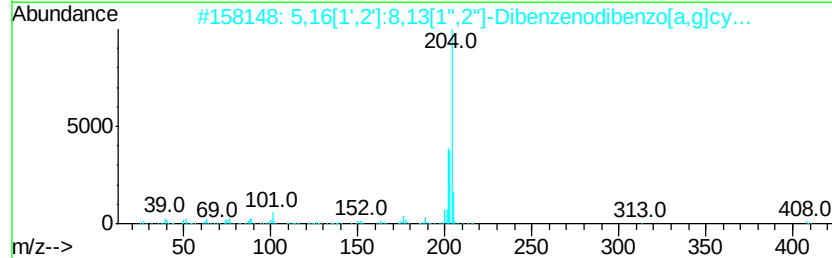
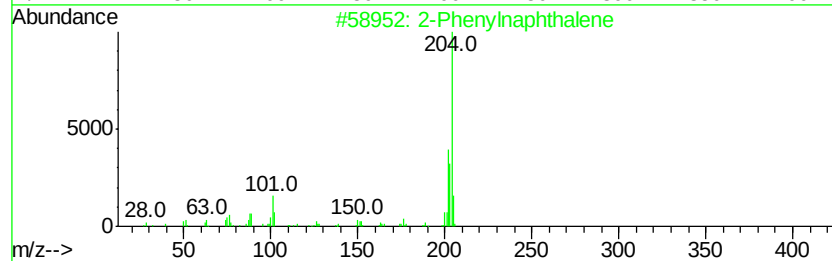
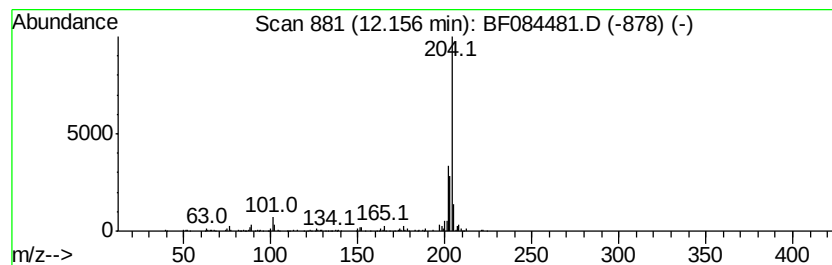
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-Phenylnaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	4.58 ng	608279	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2		5,16[1',2'] : 8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011316\
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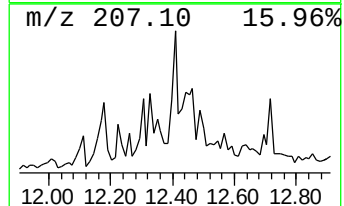
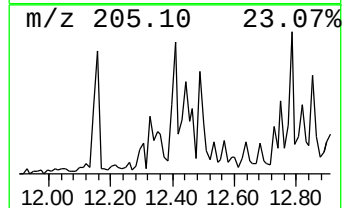
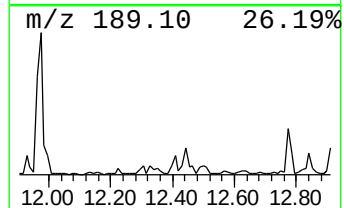
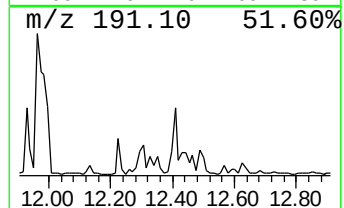
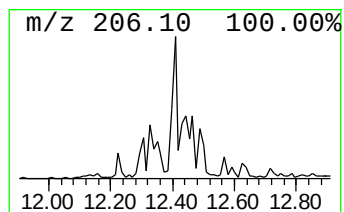
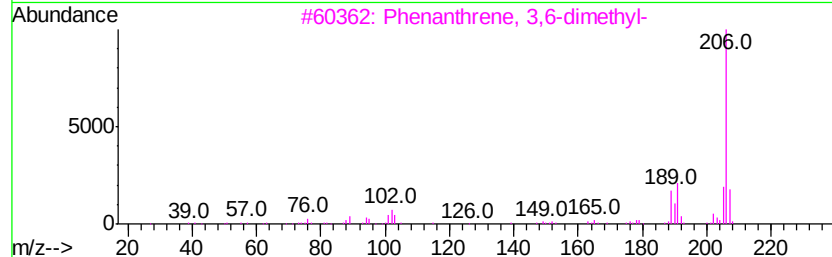
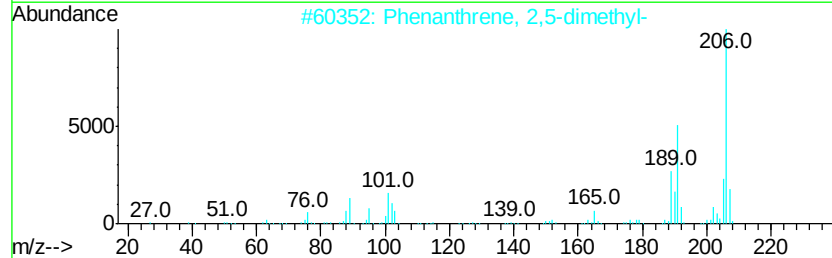
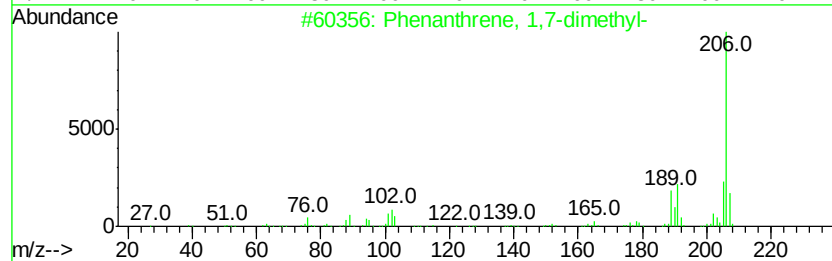
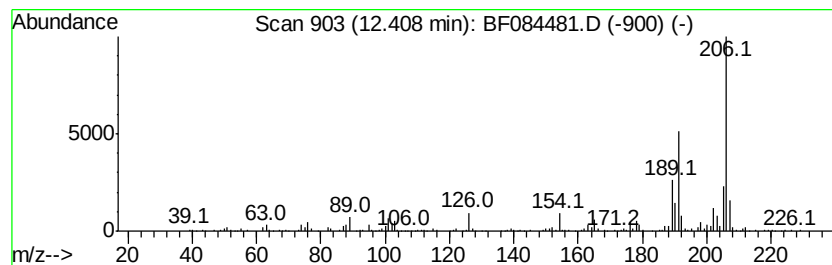
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	2.59 ng	344443	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
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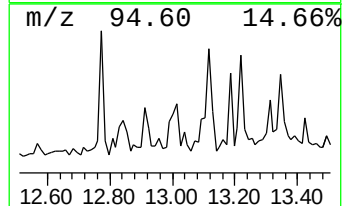
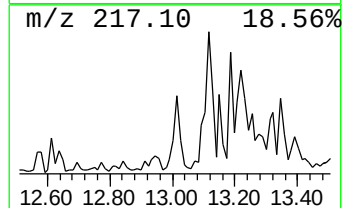
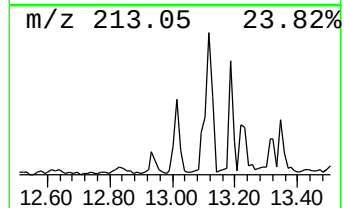
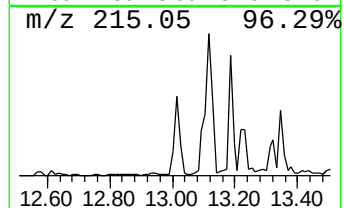
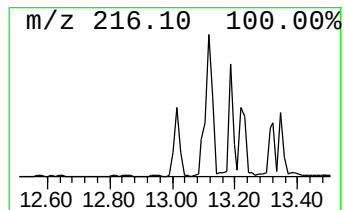
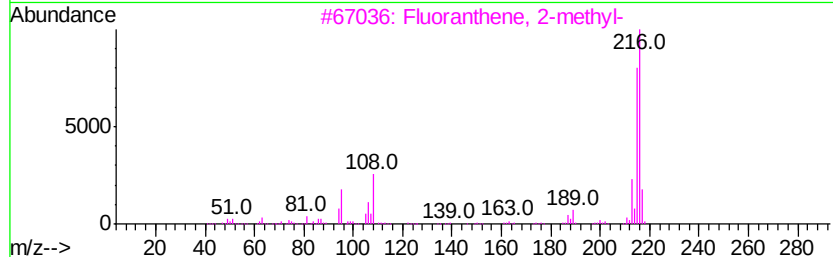
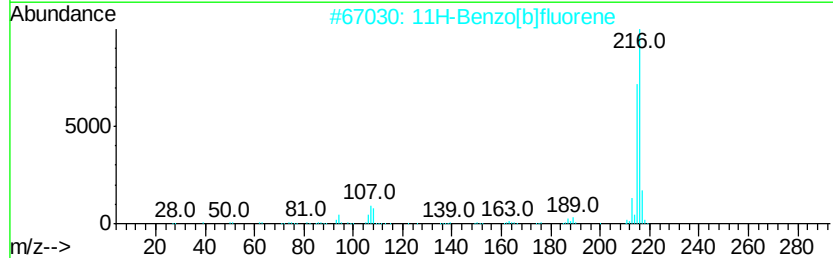
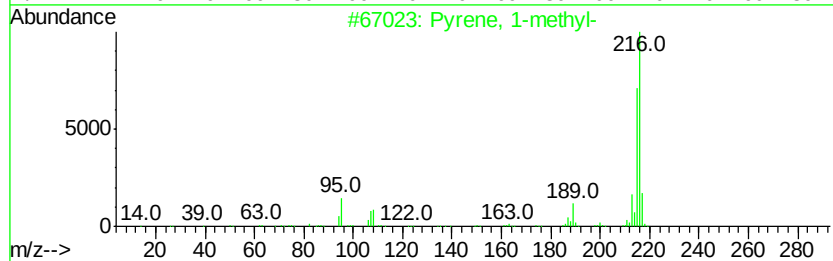
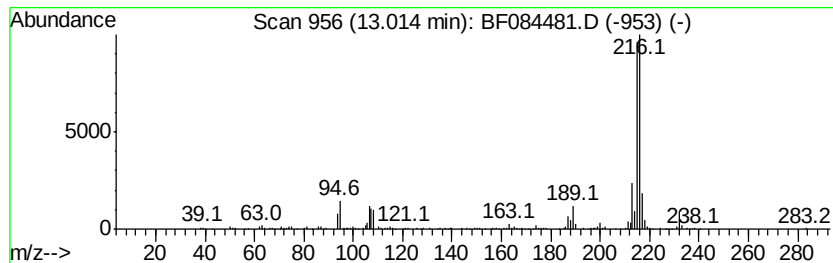
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.01	2.09 ng	477907	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084481.D
Acq On : 14 Jan 2016 10:35
Operator : SJ/UM
Sample : H1077-05 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-5-20160108

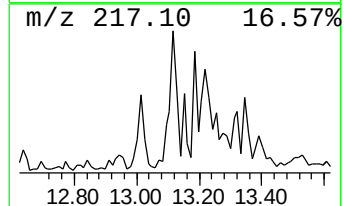
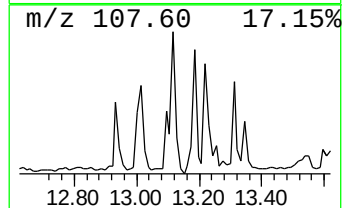
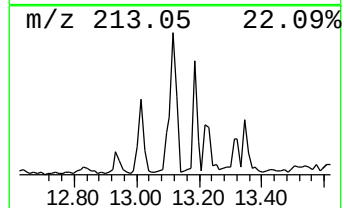
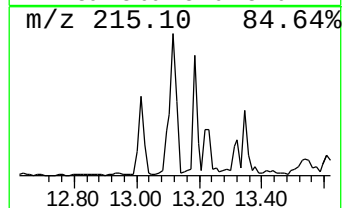
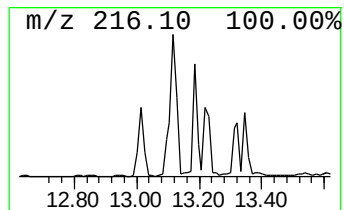
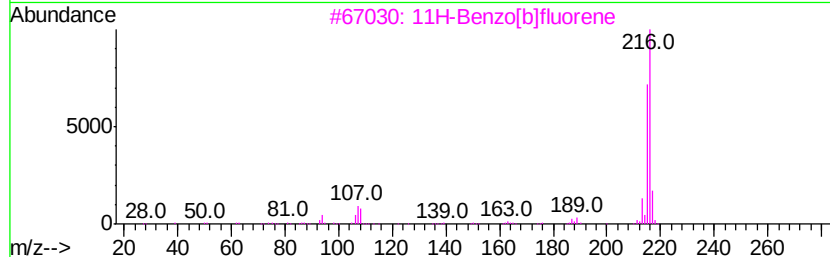
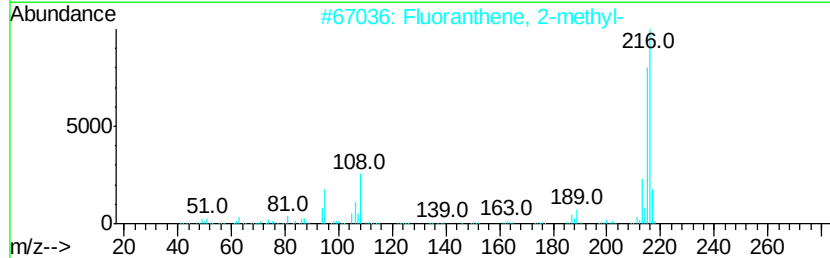
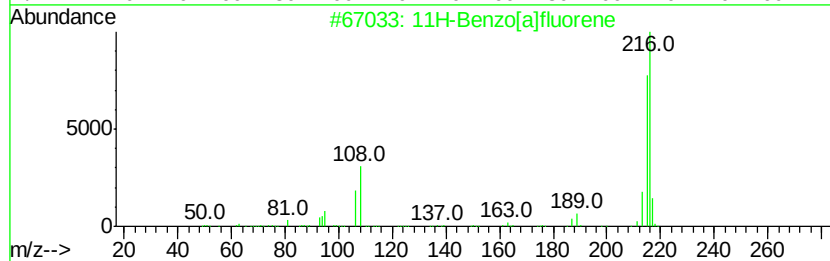
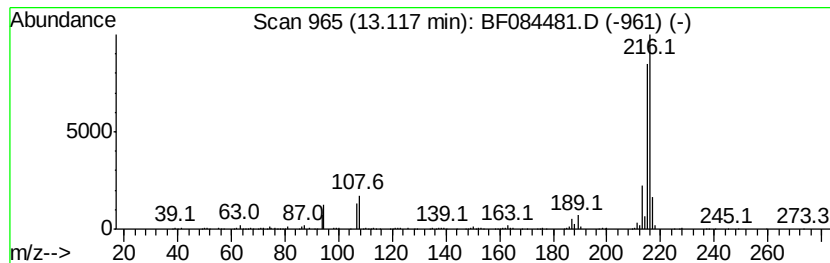
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	3.57 ng	816690	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084481.D
Acq On : 14 Jan 2016 10:35
Operator : SJ/UM
Sample : H1077-05 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-5-20160108

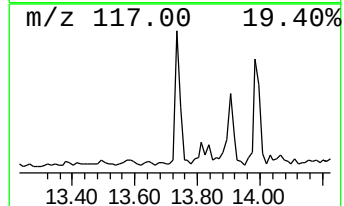
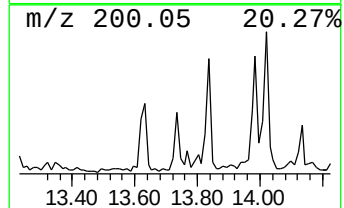
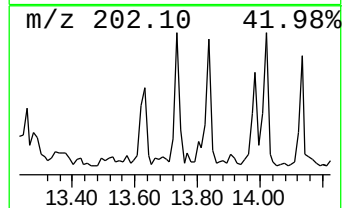
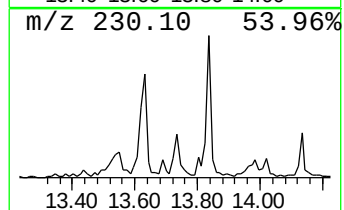
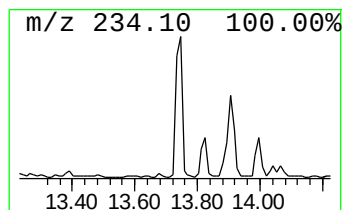
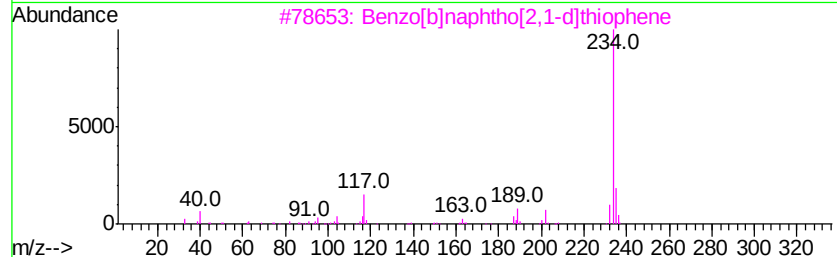
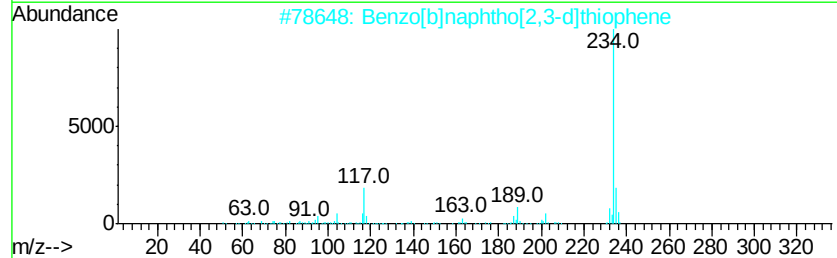
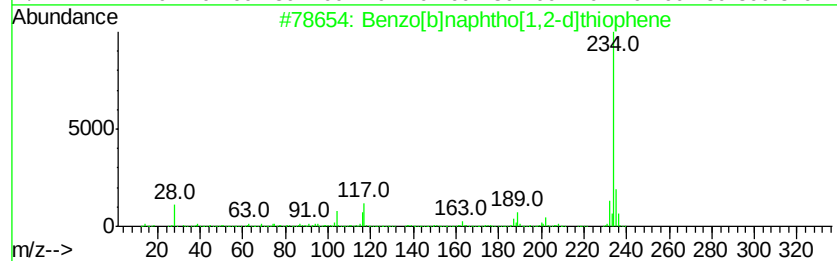
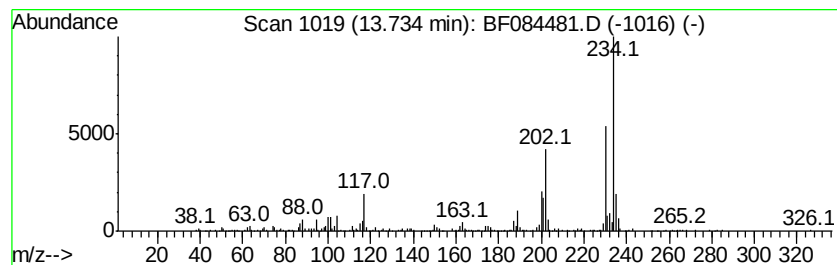
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]naphtho[1,2-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.10 ng	480164	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	83
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	78
3		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	42
5		Anthra[1,9a,9-cd;5,10a,10-c'd']d...	234	C14H6N2O2	000201-91-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011316\
Data File : BF084481.D
Acq On : 14 Jan 2016 10:35
Operator : SJ/UM
Sample : H1077-05 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-5-20160108

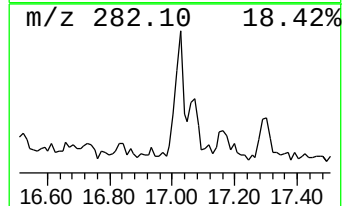
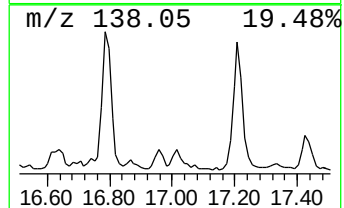
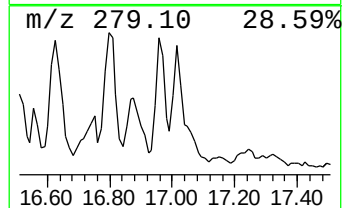
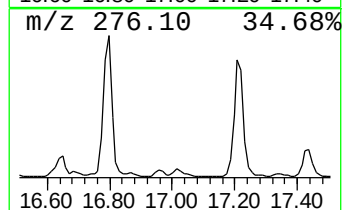
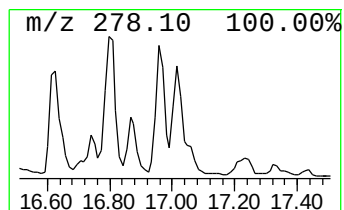
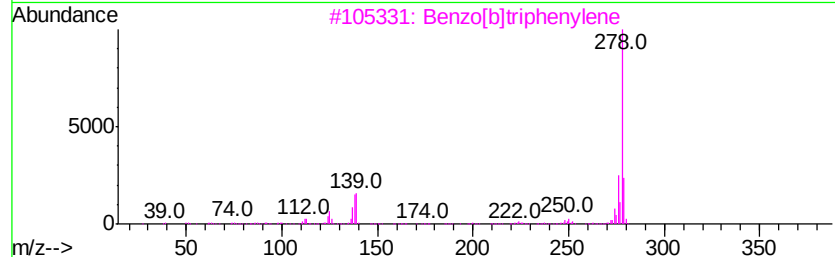
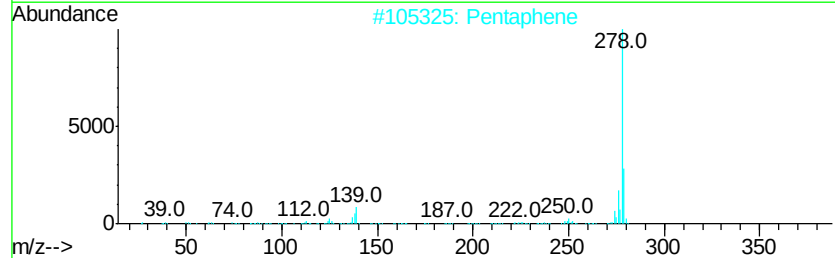
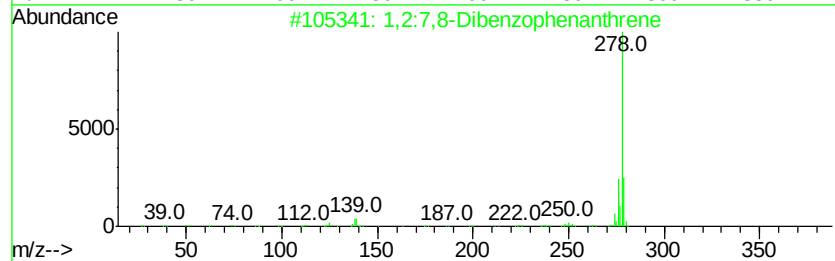
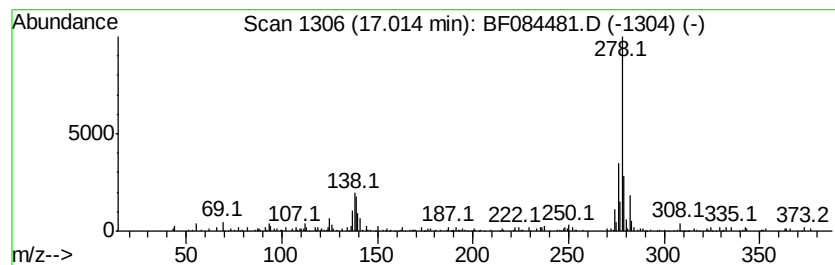
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,2:7,8-Dibenzophenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	2.11 ng	246605	Perylene-d12	15.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	95
2			Pentaphene	278	C22H14	000222-93-5	93
3			Benzo[b]triphenylene	278	C22H14	000215-58-7	91
4			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	91
5			Pyrene, 1-phenyl-	278	C22H14	005101-27-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011316\
 Data File : BF084481.D
 Acq On : 14 Jan 2016 10:35
 Operator : SJ/UM
 Sample : H1077-05 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-5-20160108

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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	4.5	ng	534407	1	6.83	2355400	20.0
unknown6.60	6.60	17.6	ng	2070450	1	6.83	2355400	20.0
Dibenzothiophene	11.25	2.4	ng	317477	4	11.36	2657490	20.0
Phenanthrene, 2-m...	11.86	4.2	ng	563909	4	11.36	2657490	20.0
Phenanthrene, 1-m...	11.88	4.8	ng	634377	4	11.36	2657490	20.0
Anthracene, 2-met...	11.93	2.3	ng	305835	4	11.36	2657490	20.0
4H-Cyclopenta[def...	11.96	9.2	ng	1218990	4	11.36	2657490	20.0
2-Phenylnaphthalene	12.16	4.6	ng	608279	4	11.36	2657490	20.0
Phenanthrene, 1,7...	12.41	2.6	ng	344443	4	11.36	2657490	20.0
Pyrene, 1-methyl-	13.01	2.1	ng	477907	5	14.00	4574590	20.0
11H-Benzo[a]fluorene	13.12	3.6	ng	816690	5	14.00	4574590	20.0
Benzo[b]naphtho[1...	13.73	2.1	ng	480164	5	14.00	4574590	20.0
1,2:7,8-Dibenzoph...	17.01	2.1	ng	246605	6	15.41	2342720	20.0