

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
 Data File : BF079306.D
 Acq On : 16 May 2015 11:03
 Operator : TP/IZ
 Sample : G2249-03 2X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SR-3

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-BF043015.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	1.324	10	12	14	rBV	2417021	2460996	25.35%	5.884%
2	1.461	20	24	27	rBV	5651972	9706648	100.00%	23.208%
3	1.621	36	38	41	rVB	82643	99249	1.02%	0.237%
4	1.793	51	53	62	rBV	466655	759708	7.83%	1.816%
5	4.947	327	329	337	rVB	125308	168341	1.73%	0.402%
6	5.473	372	375	377	rBV	396521	572539	5.90%	1.369%
7	6.742	484	486	489	rBV	507196	592123	6.10%	1.416%
8	6.890	497	499	501	rBV	722654	654622	6.74%	1.565%
9	7.176	522	524	527	rBV	468993	435691	4.49%	1.042%
10	7.359	538	540	543	rVB	427477	486877	5.02%	1.164%
11	7.873	583	585	587	rBV	375675	373128	3.84%	0.892%
12	8.753	660	662	664	rBV	698495	651729	6.71%	1.558%
13	10.102	778	780	782	rBV	862126	762391	7.85%	1.823%
14	10.605	822	824	827	rBV	107684	107693	1.11%	0.257%
15	10.754	834	837	839	rBV	168100	156592	1.61%	0.374%
16	10.925	850	852	854	rBV	703738	672511	6.93%	1.608%
17	11.188	872	875	877	rBV	88047	123814	1.28%	0.296%
18	11.611	910	912	914	rVB	128074	151347	1.56%	0.362%
19	11.908	935	938	941	rVV	506967	549857	5.66%	1.315%
20	12.525	991	992	996	rVB	131726	165814	1.71%	0.396%
21	12.640	1000	1002	1003	rBV	108553	103552	1.07%	0.248%
22	12.765	1011	1013	1014	rBV	588808	664356	6.84%	1.588%
23	12.800	1014	1016	1018	rVV	2104166	1972213	20.32%	4.715%
24	12.857	1018	1021	1023	rVB	185267	239966	2.47%	0.574%
25	13.074	1038	1040	1041	rBV	99843	133119	1.37%	0.318%
26	13.394	1066	1068	1070	rBV	211996	247365	2.55%	0.591%
27	13.428	1070	1071	1074	rVB	290131	298806	3.08%	0.714%
28	13.531	1078	1080	1081	rBV	318544	332635	3.43%	0.795%
29	13.565	1081	1083	1085	rVB	129336	160773	1.66%	0.384%
30	13.794	1099	1103	1106	rBV2	258528	414082	4.27%	0.990%
31	14.080	1125	1128	1130	rBV	96210	150670	1.55%	0.360%
32	14.183	1133	1137	1140	rVV2	155478	275600	2.84%	0.659%
33	14.274	1143	1145	1148	rVV	1968310	2186171	22.52%	5.227%
34	14.388	1153	1155	1158	rVV	83993	108111	1.11%	0.258%

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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

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35	14.457	1158	1161	1162	rVV	107928	152020	1.57%	0.363%
36	14.560	1166	1170	1172	rVV	1507388	2002112	20.63%	4.787%
37	14.617	1172	1175	1181	rVB2	59535	155835	1.61%	0.373%
38	14.708	1181	1183	1185	rBV	97531	125463	1.29%	0.300%
39	14.765	1185	1188	1190	rVV	775389	909876	9.37%	2.175%
40	14.834	1190	1194	1196	rVV2	106078	203290	2.09%	0.486%
41	14.937	1199	1203	1205	rVV3	107064	244523	2.52%	0.585%
42	14.971	1205	1206	1208	rVB	182697	161307	1.66%	0.386%
43	15.051	1211	1213	1215	rVV	98187	133022	1.37%	0.318%
44	15.097	1215	1217	1222	rVV	224284	333876	3.44%	0.798%
45	15.211	1225	1227	1229	rVV	102494	129325	1.33%	0.309%
46	15.245	1229	1230	1232	rVV2	82250	111265	1.15%	0.266%
47	15.600	1259	1261	1265	rVB	182007	254895	2.63%	0.609%
48	15.737	1271	1273	1275	rBV2	169208	248451	2.56%	0.594%
49	15.783	1275	1277	1280	rVV2	146734	291314	3.00%	0.697%
50	15.828	1280	1281	1283	rVV	86565	113071	1.16%	0.270%
51	15.874	1283	1285	1287	rVB	175656	218848	2.25%	0.523%
52	15.954	1289	1292	1297	rVV3	111735	244134	2.52%	0.584%
53	16.057	1298	1301	1303	rVV2	867476	1720922	17.73%	4.115%
54	16.103	1303	1305	1307	rVV	717314	943694	9.72%	2.256%
55	16.194	1310	1313	1315	rBV2	71786	108248	1.12%	0.259%
56	16.251	1315	1318	1320	rVV2	86782	132857	1.37%	0.318%
57	16.571	1344	1346	1348	rVV	129344	207768	2.14%	0.497%
58	16.617	1348	1350	1353	rVB2	88586	161738	1.67%	0.387%
59	16.731	1359	1360	1364	rBV2	54185	98794	1.02%	0.236%
60	17.189	1398	1400	1404	rBV3	58249	154128	1.59%	0.369%
61	17.269	1404	1407	1411	rVV2	128075	218924	2.26%	0.523%
62	17.394	1415	1418	1424	rVV	640431	1657335	17.07%	3.963%
63	17.520	1424	1429	1431	rVB2	132320	239672	2.47%	0.573%
64	17.726	1445	1447	1451	rBV	390490	539741	5.56%	1.290%
65	17.794	1451	1453	1456	rVB	576507	664316	6.84%	1.588%
66	17.863	1456	1459	1461	rBV	585017	826289	8.51%	1.976%
67	19.120	1566	1569	1572	rBV2	58208	114771	1.18%	0.274%
68	19.269	1579	1582	1588	rVB2	257635	578211	5.96%	1.382%
69	19.452	1595	1598	1600	rBV	52009	104058	1.07%	0.249%
70	19.692	1615	1619	1623	rVB	184808	381997	3.94%	0.913%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

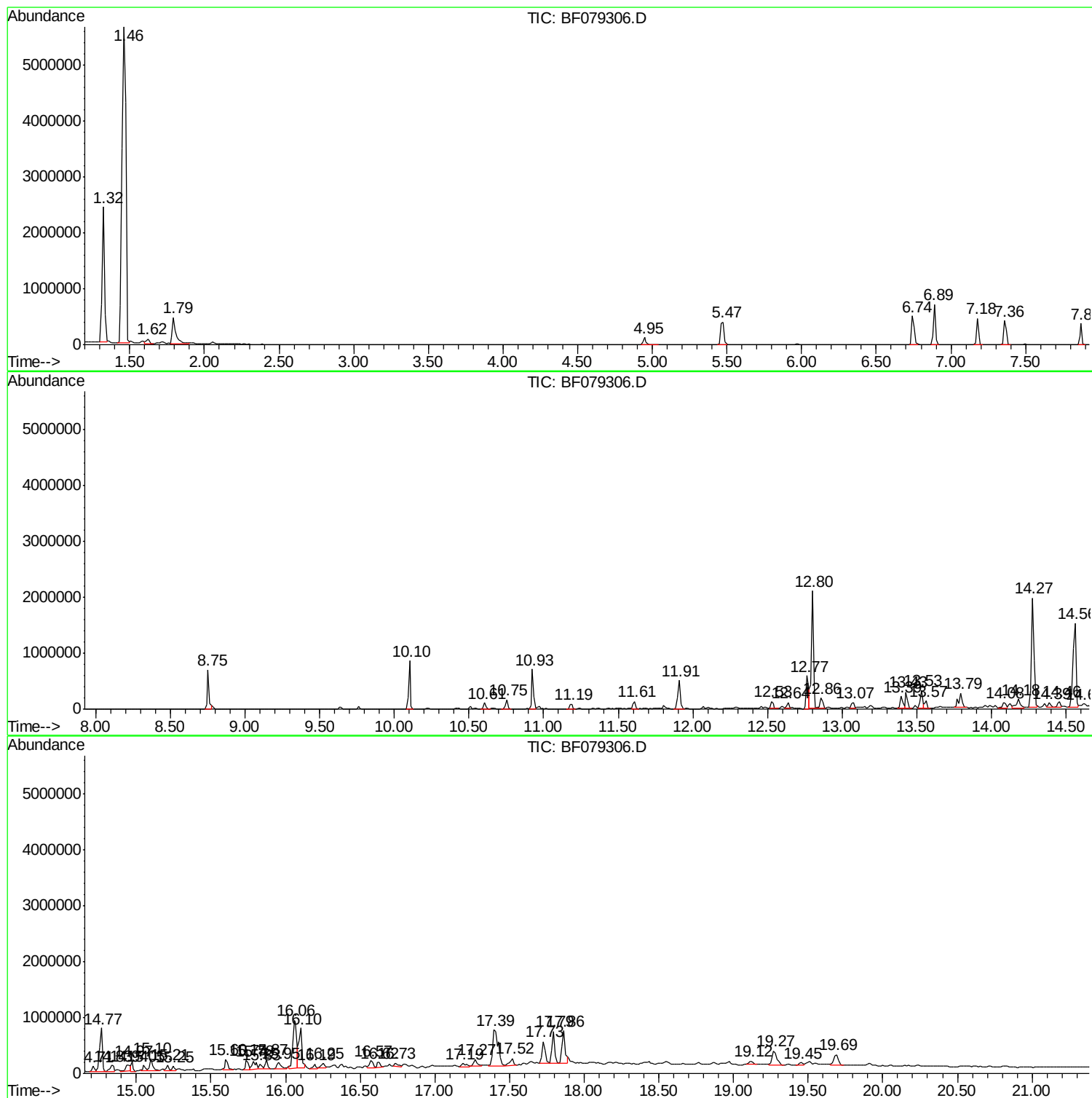
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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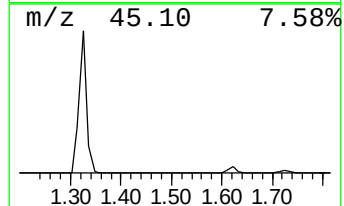
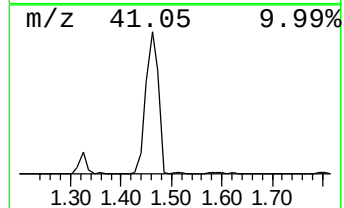
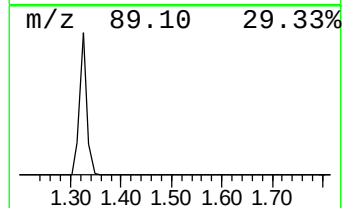
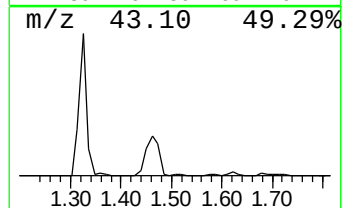
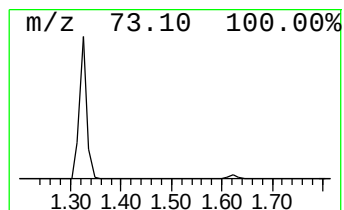
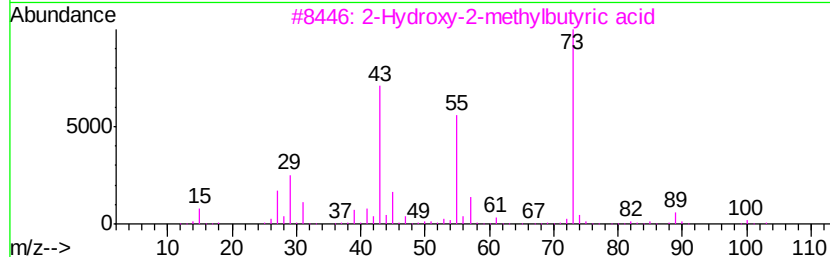
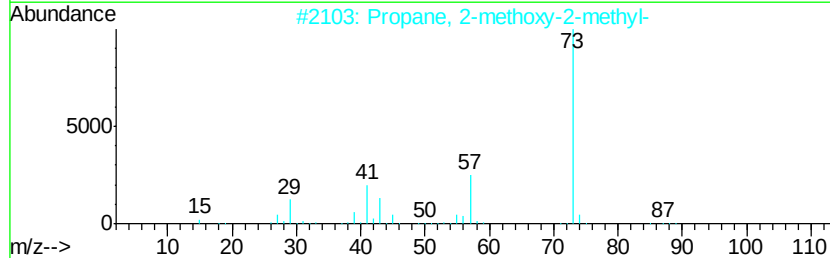
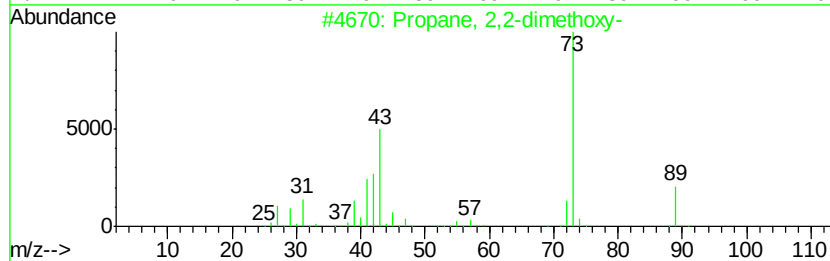
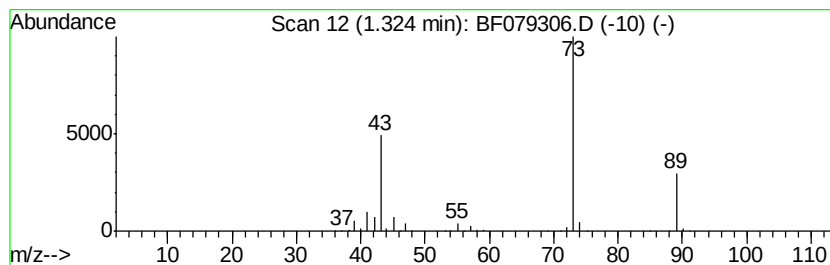
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown1.32 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.32	112.97 ng	2461000	1,4-Dichlorobenzene-d4	7.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	5



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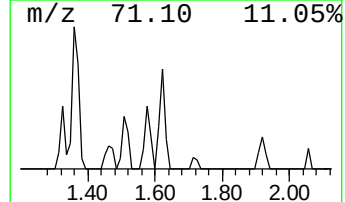
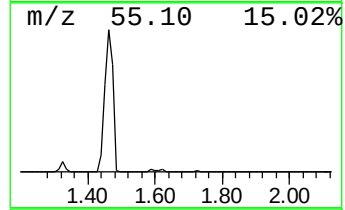
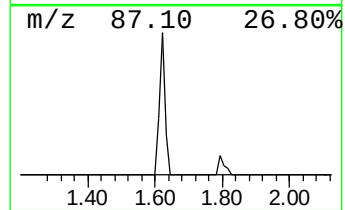
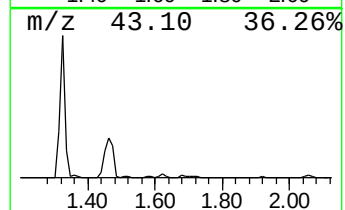
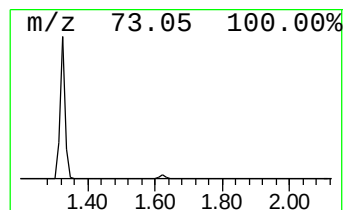
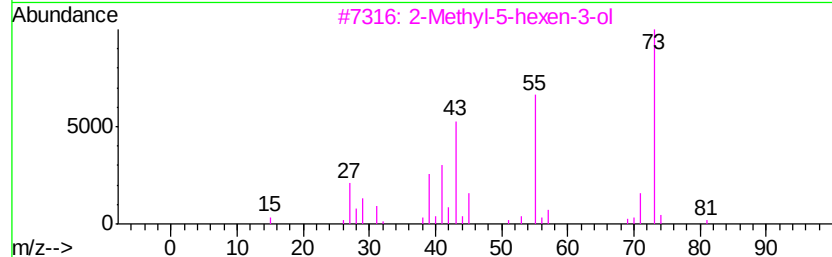
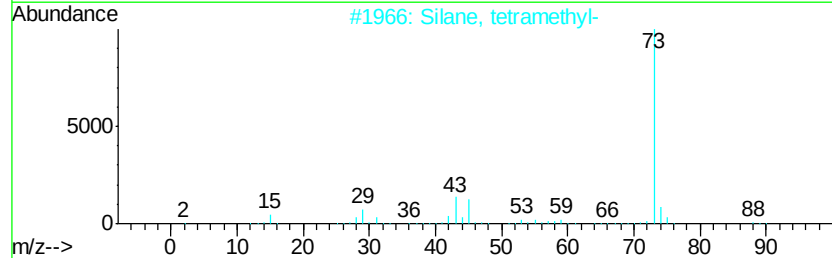
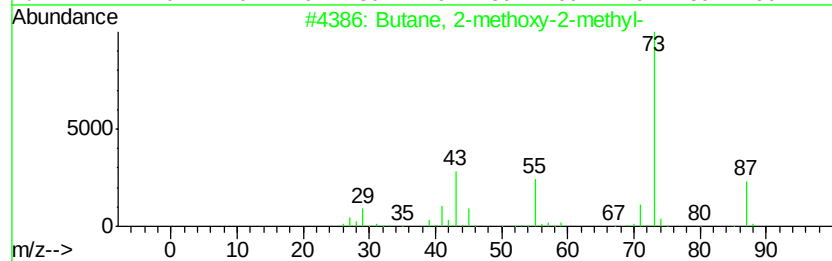
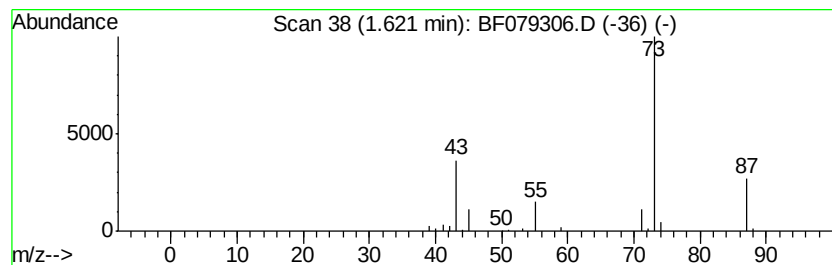
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.62	4.56 ng	99249	1,4-Dichlorobenzene-d4	7.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9
5	1,3-Dioxolane, 2-(6-heptynyl)-	168	C10H16O2	025595-82-8	9



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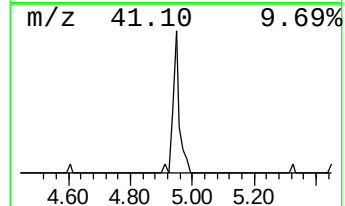
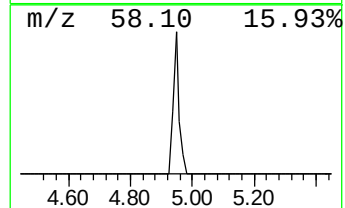
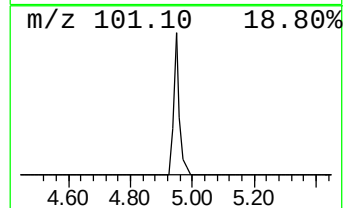
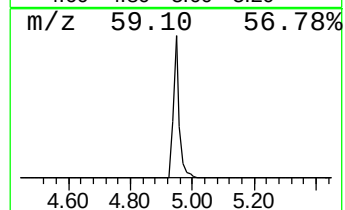
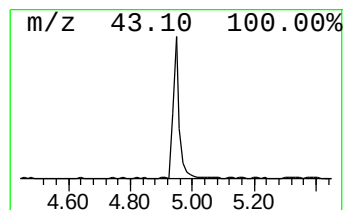
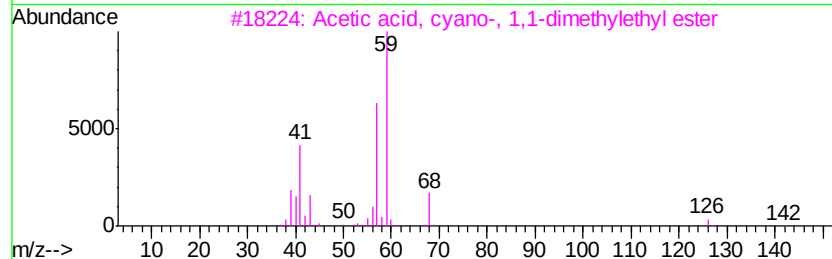
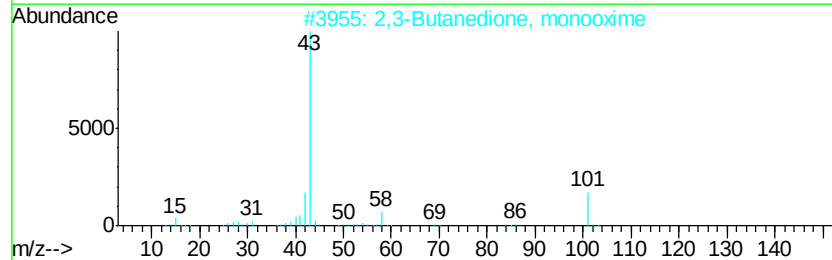
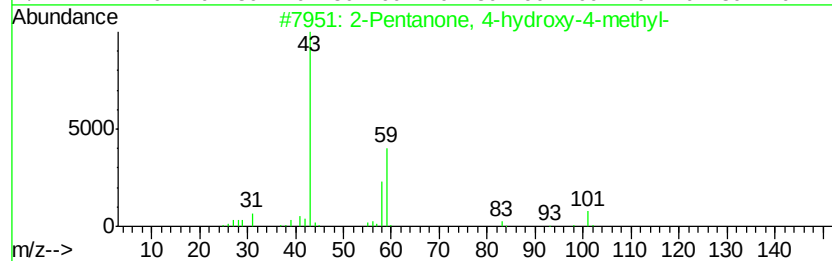
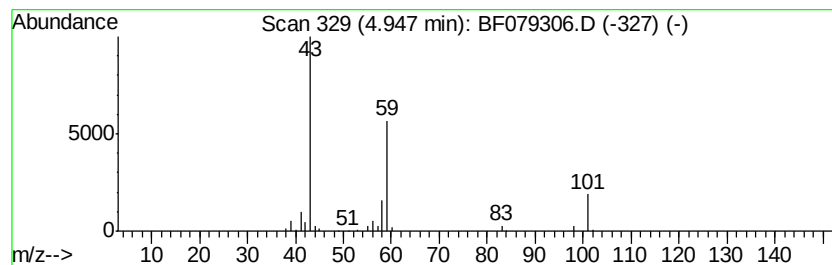
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	7.73 ng	168341	1,4-Dichlorobenzene-d4	7.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9



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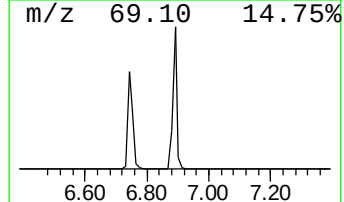
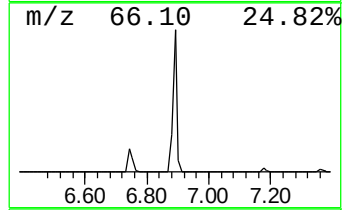
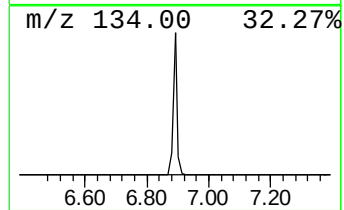
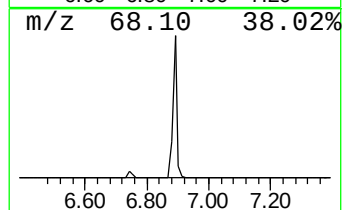
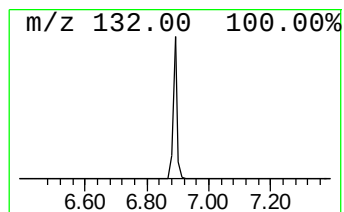
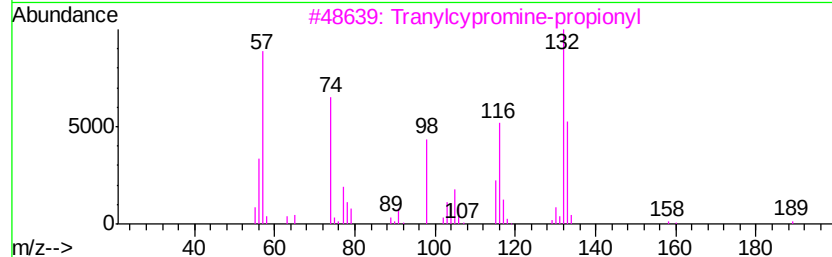
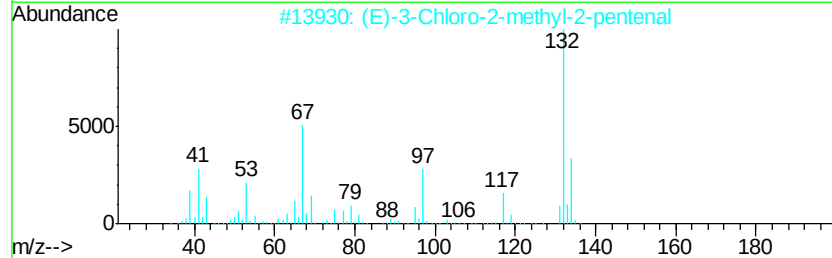
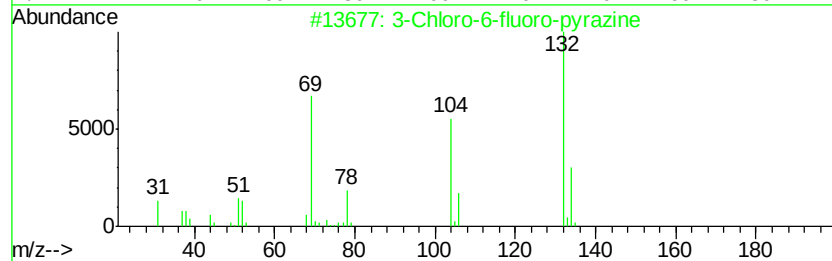
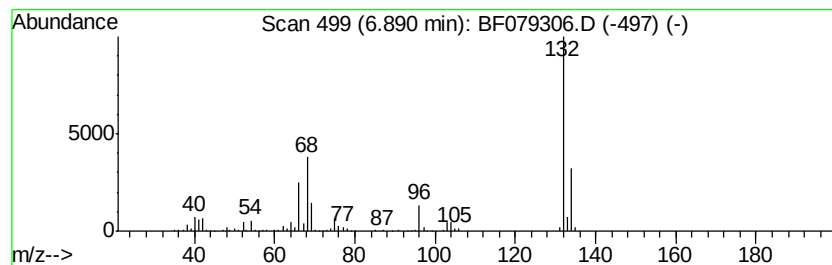
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown6.89 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	30.05 ng	654622	1,4-Dichlorobenzene-d4	7.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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Data File : BF079306.D
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Operator : TP/IZ
Sample : G2249-03 2X
Misc :
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Instrument :
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ClientSampleId :
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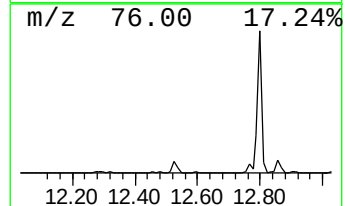
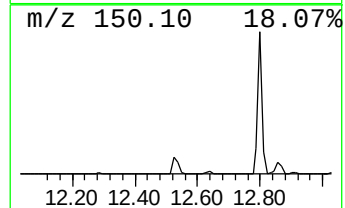
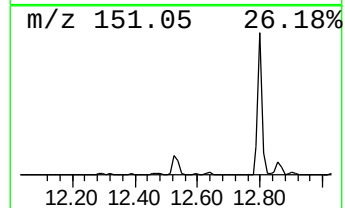
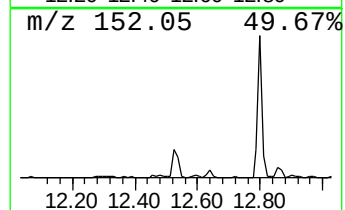
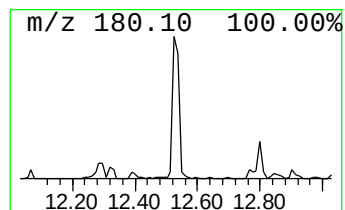
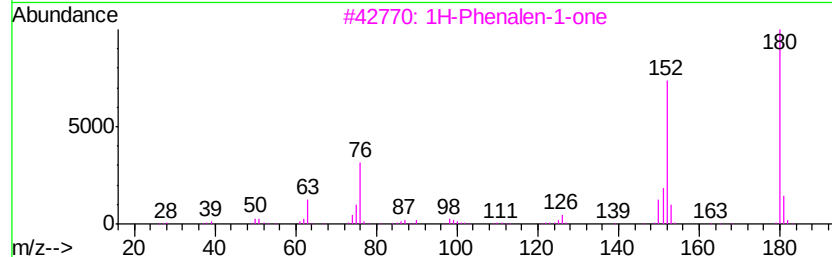
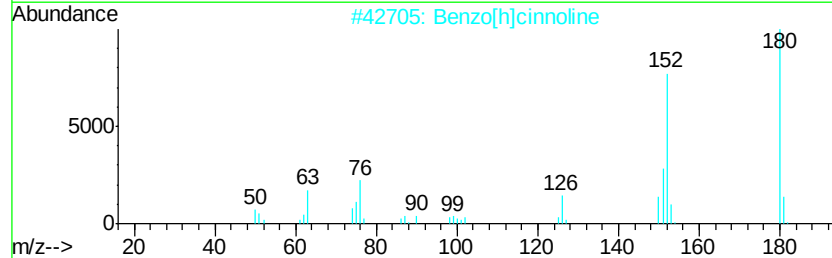
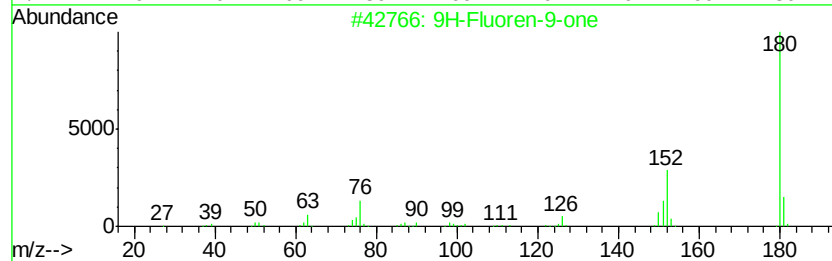
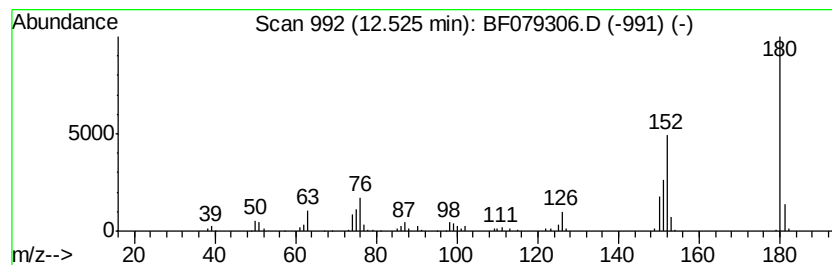
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	4.99 ng	165814	Phenanthrene-d10	12.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4		2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	59
5		1,7-Phenanthroline	180	C12H8N2	000230-46-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
Data File : BF079306.D
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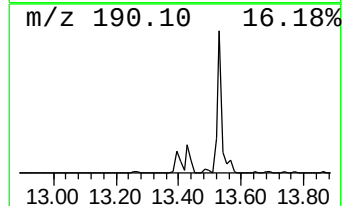
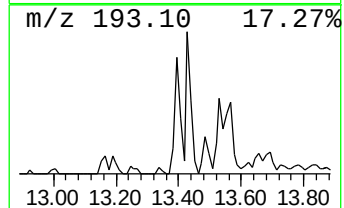
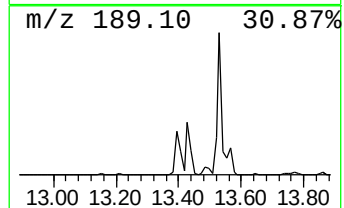
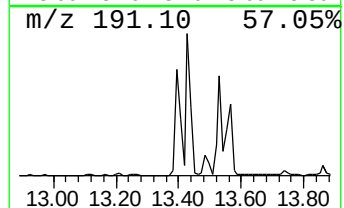
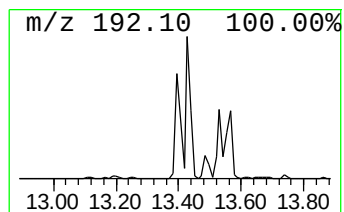
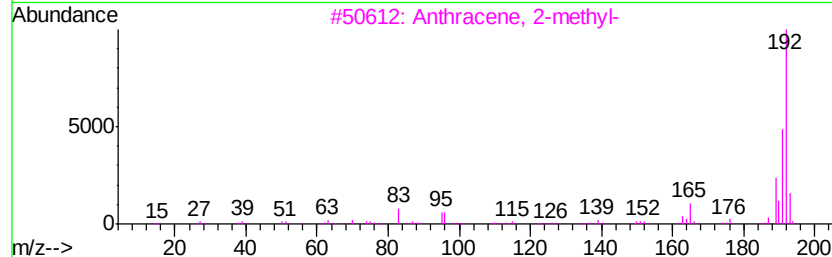
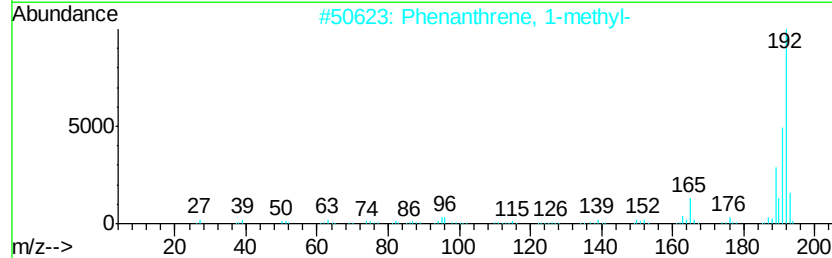
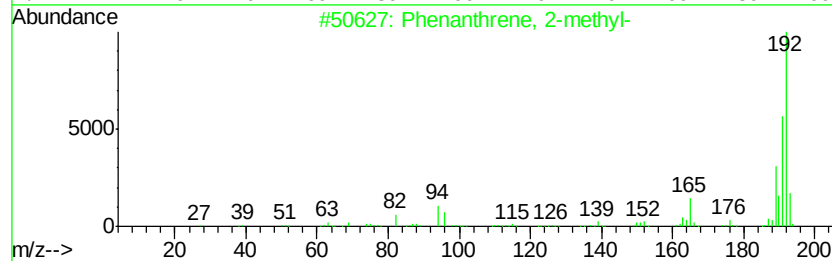
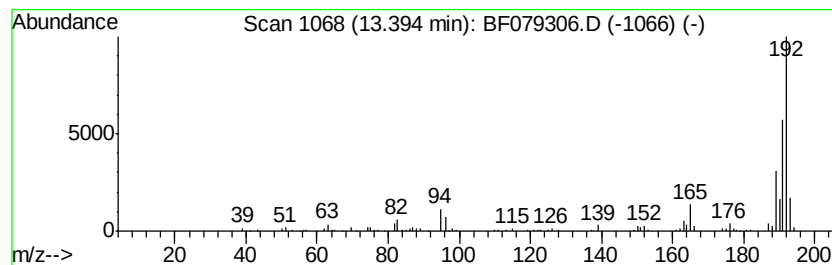
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	7.45 ng	247365	Phenanthrene-d10	12.77

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	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
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Sample : G2249-03 2X
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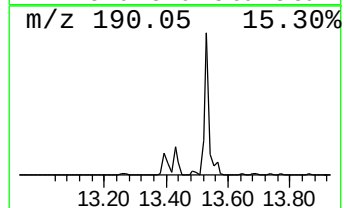
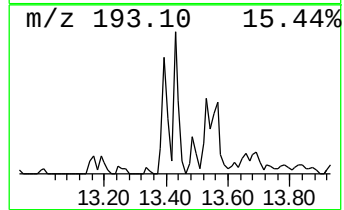
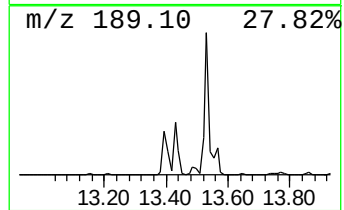
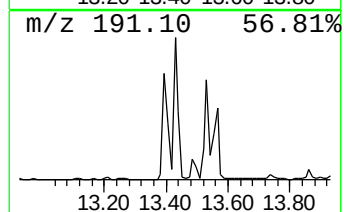
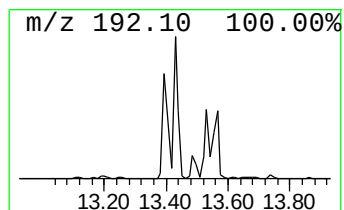
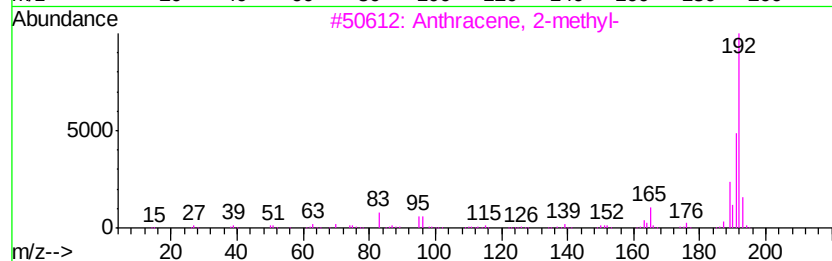
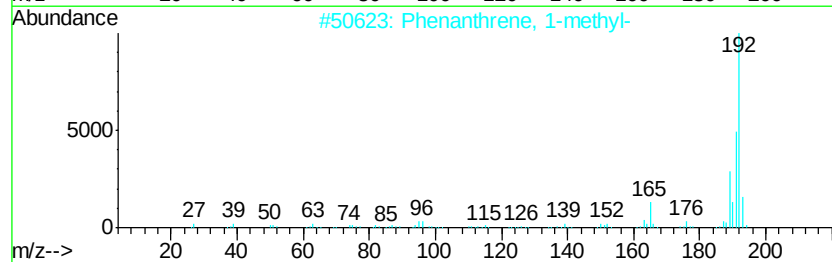
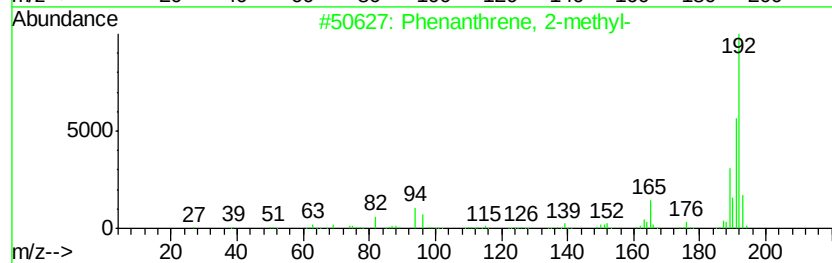
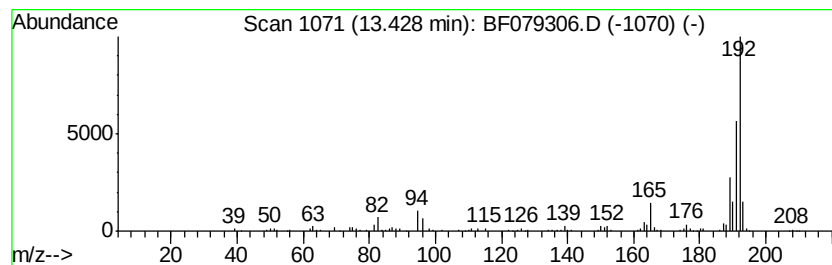
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.43	9.00 ng	298806	Phenanthrene-d10	12.77	
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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
Data File : BF079306.D
Acq On : 16 May 2015 11:03
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ClientSampleId :
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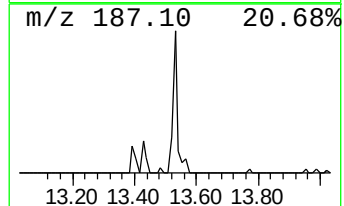
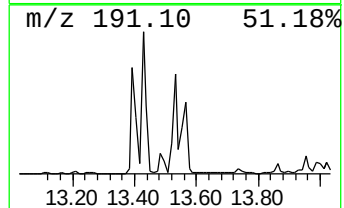
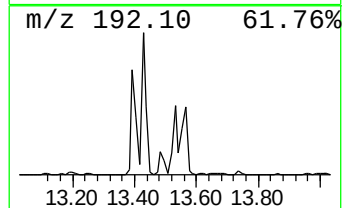
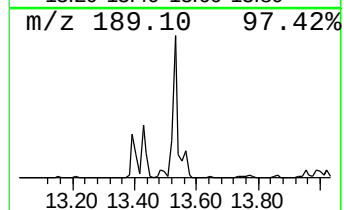
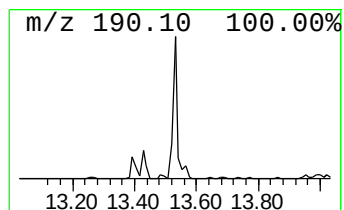
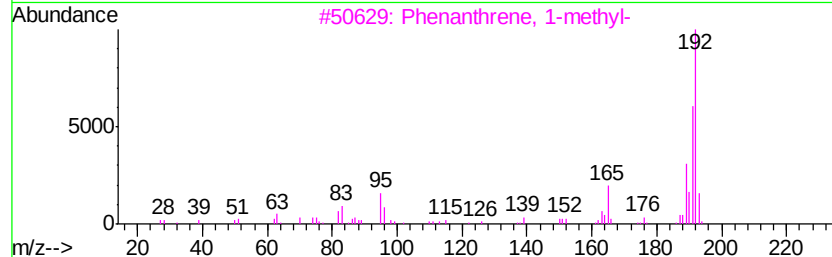
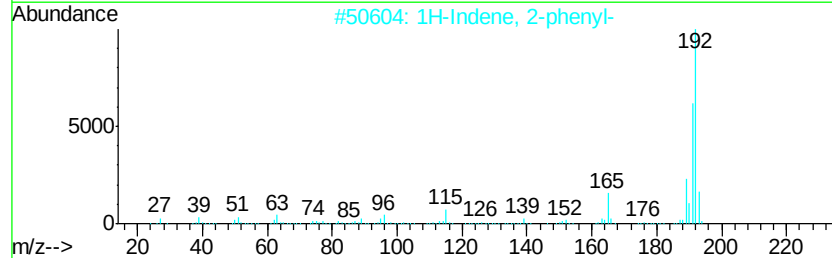
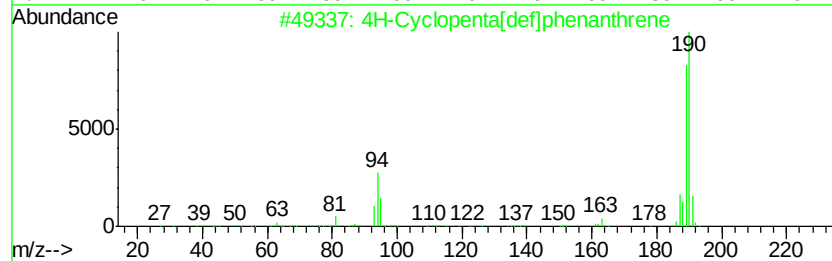
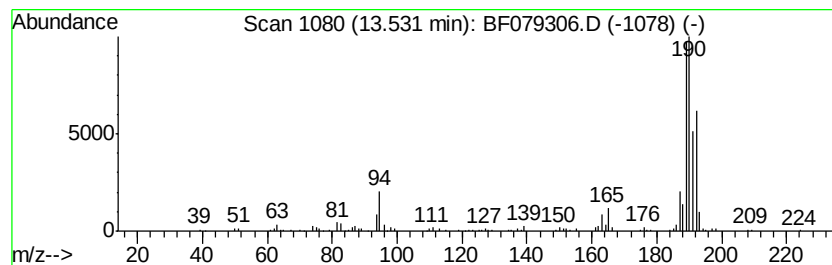
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	10.01 ng	332635	Phenanthrene-d10	12.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5		Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
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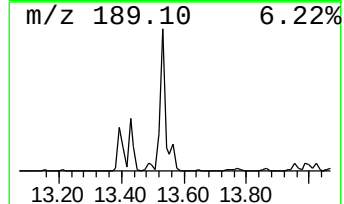
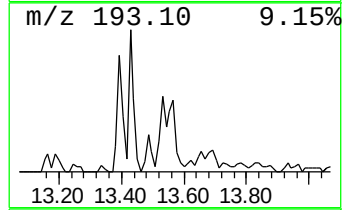
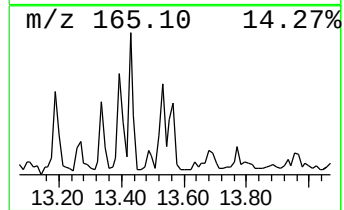
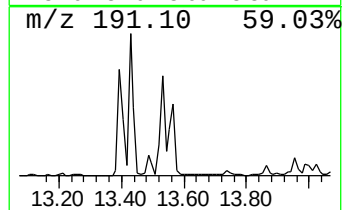
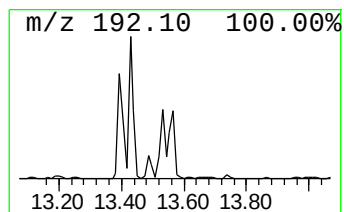
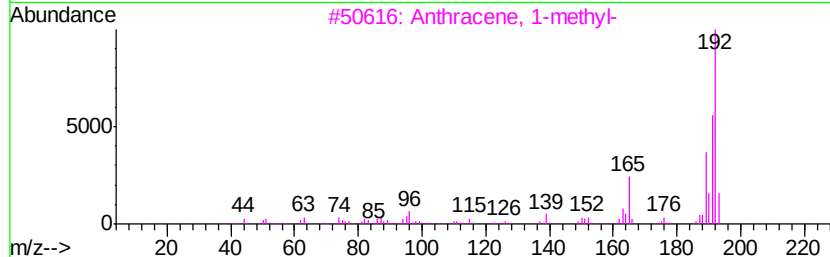
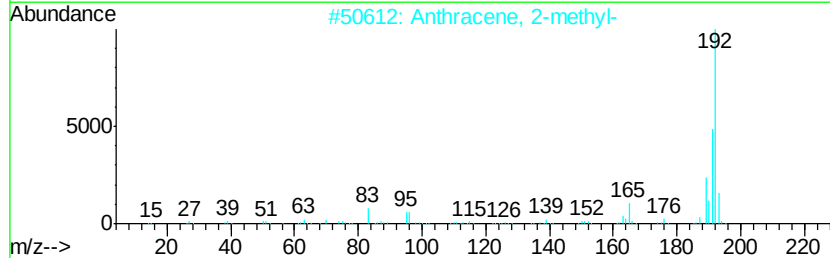
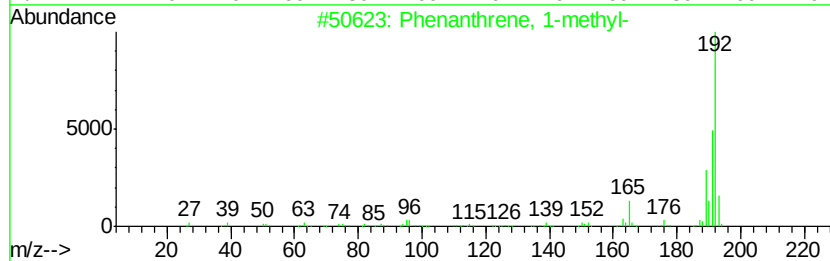
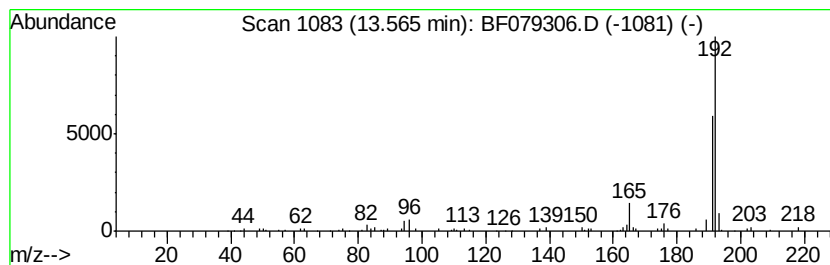
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	4.84 ng	160773	Phenanthrene-d10	12.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
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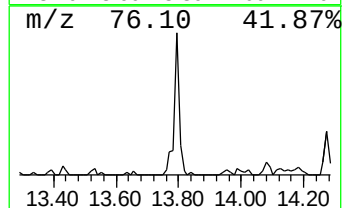
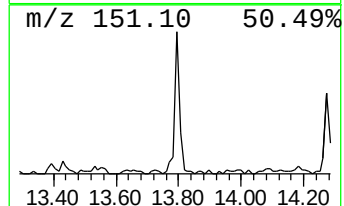
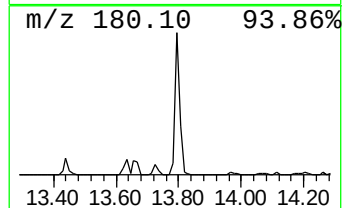
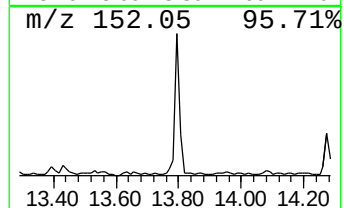
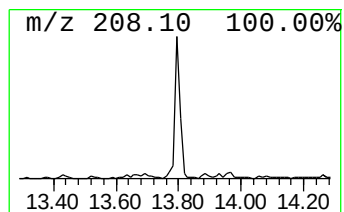
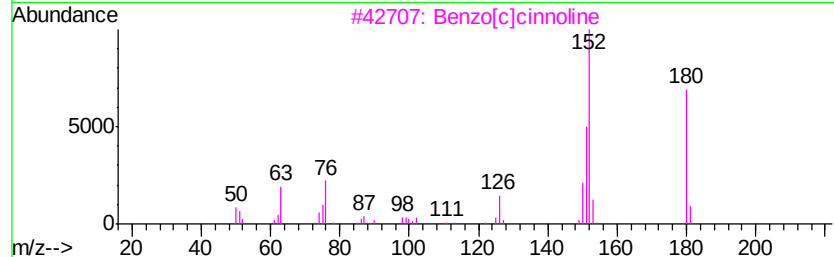
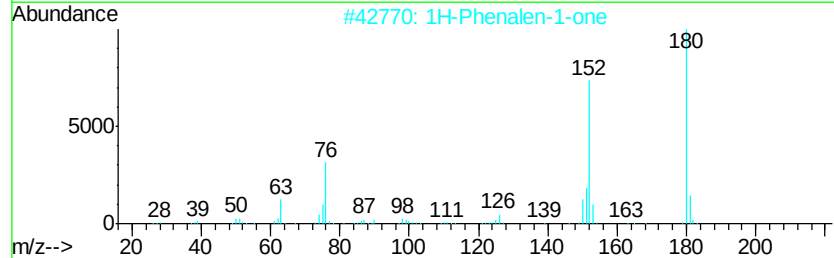
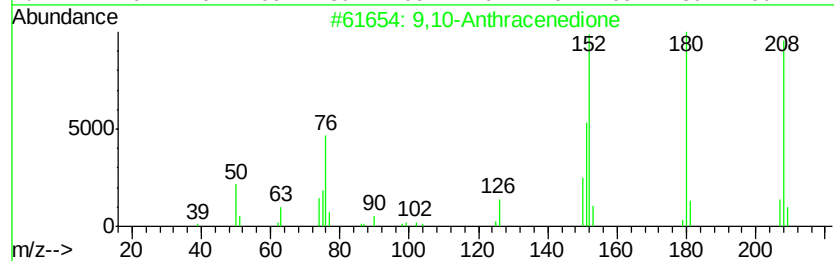
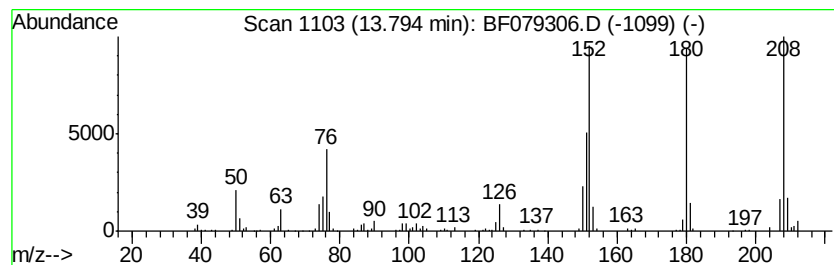
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	12.47 ng	414082	Phenanthrene-d10	12.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
5		1,4-Anthracenedione	208	C14H8O2	000635-12-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
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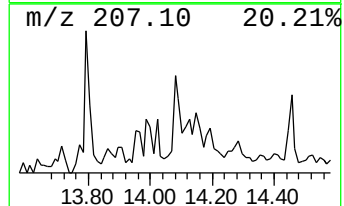
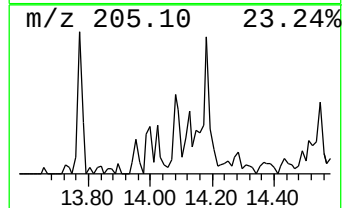
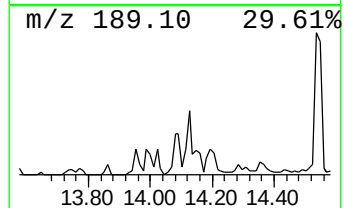
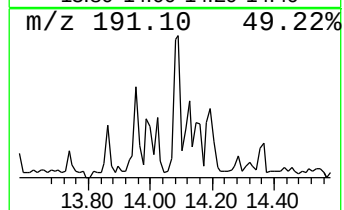
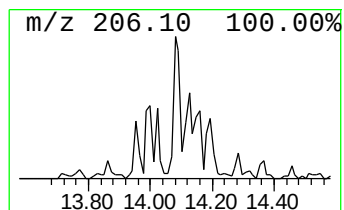
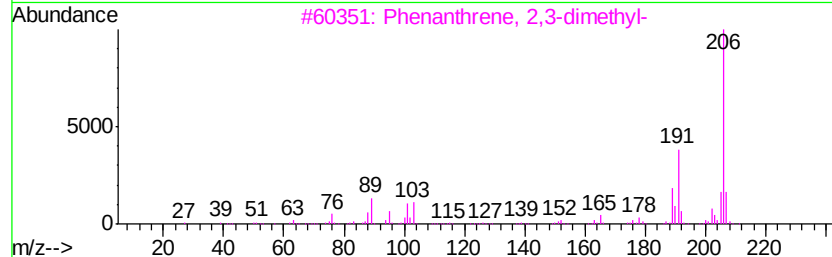
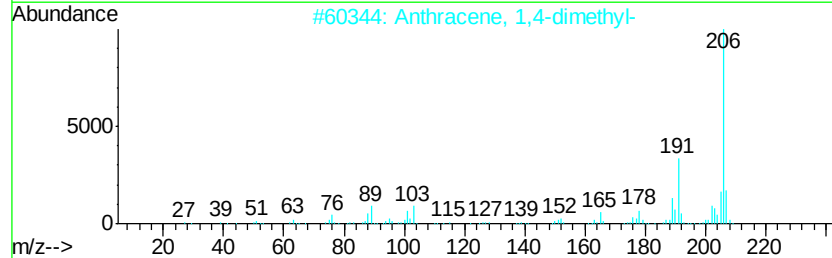
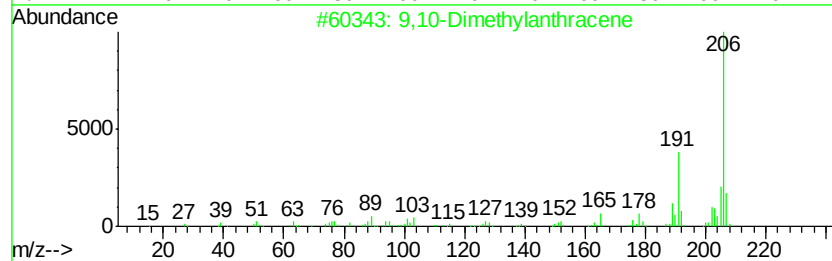
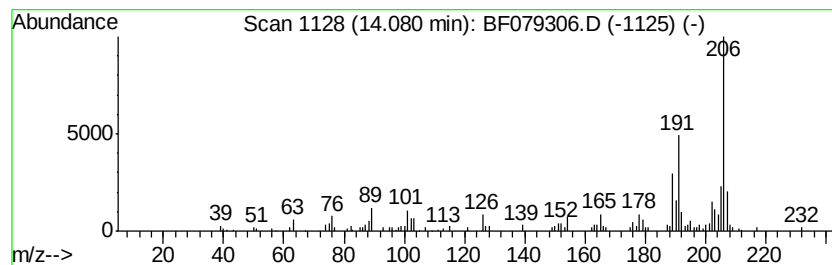
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Dimethylantracene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	4.54 ng	150670	Phenanthrene-d10	12.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	94
2			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079306.D
Acq On : 16 May 2015 11:03
Operator : TP/IZ
Sample : G2249-03 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

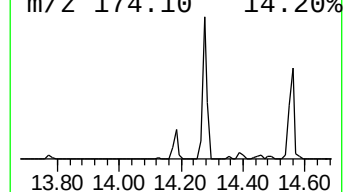
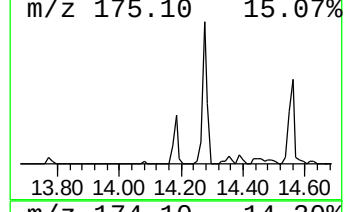
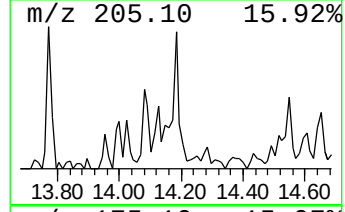
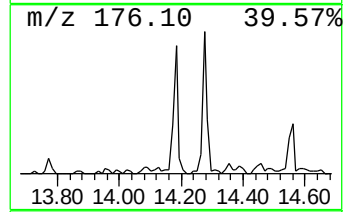
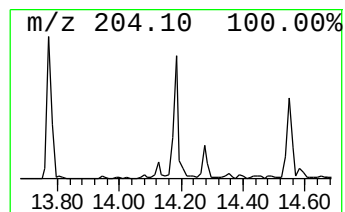
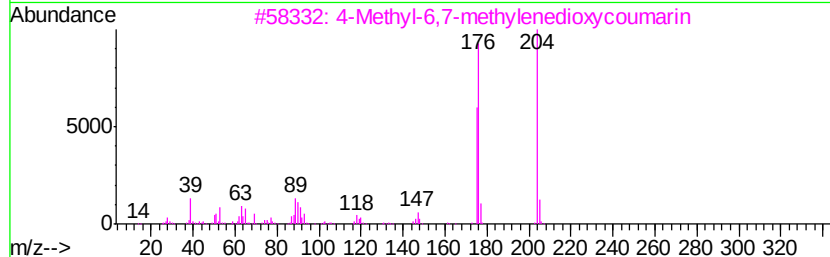
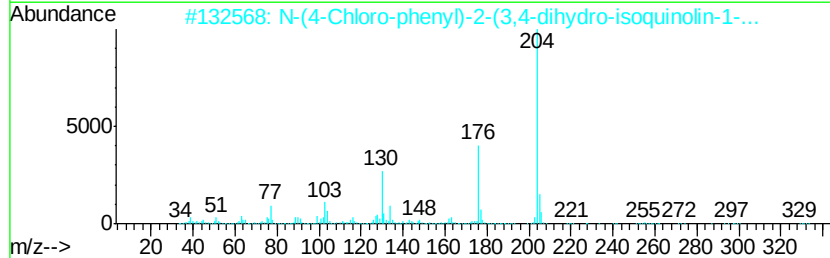
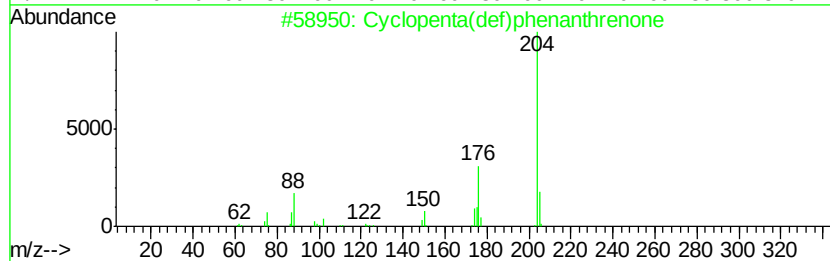
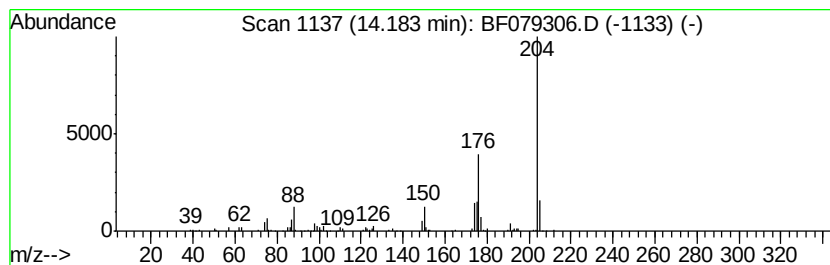
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.18	8.30 ng	275600	Phenanthrene-d10	12.77		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	53
3		4-Methyl-6,7-methylenedioxcoumarin	204	C11H8O4	015071-04-2	53
4		(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13N03	1000147-59-7	50
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079306.D
Acq On : 16 May 2015 11:03
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Sample : G2249-03 2X
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ALS Vial : 39 Sample Multiplier: 1

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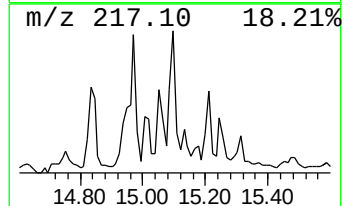
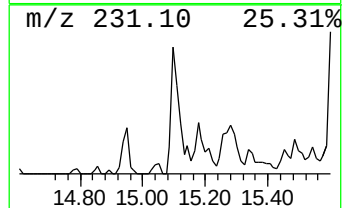
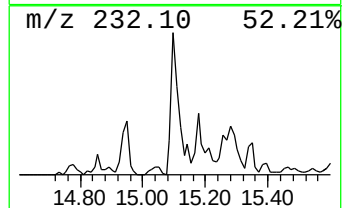
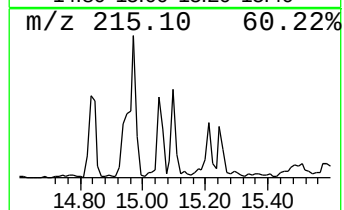
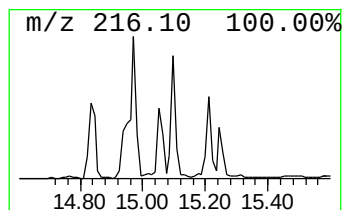
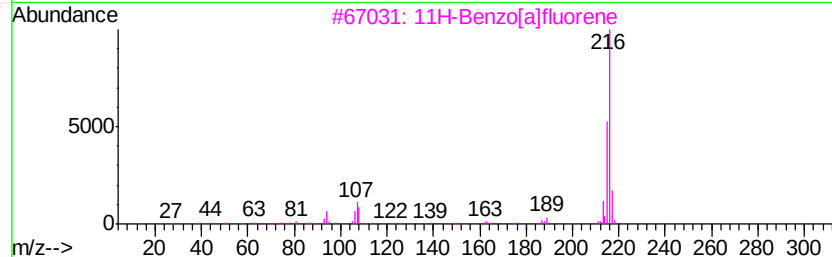
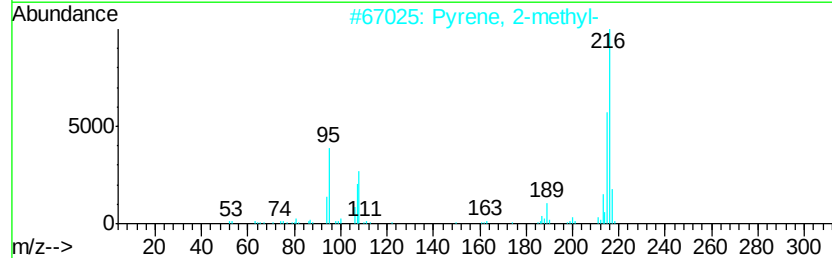
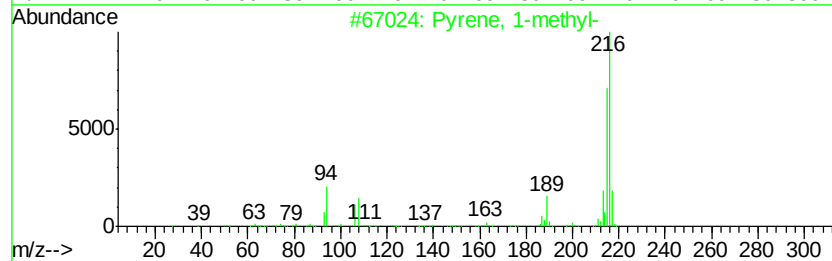
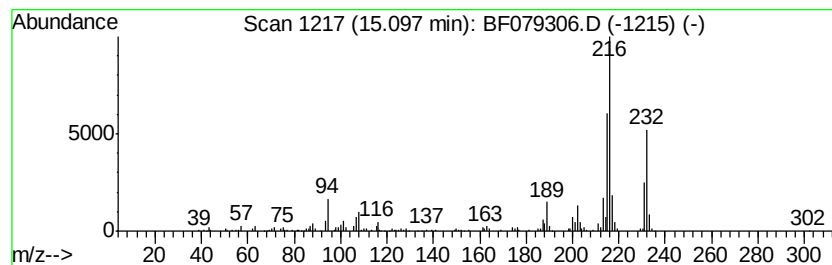
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	3.88 ng	333876	Chrysene-d12	16.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
5		Pyrene, 4-methyl-	216	C17H12	003353-12-6	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079306.D
Acq On : 16 May 2015 11:03
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Sample : G2249-03 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

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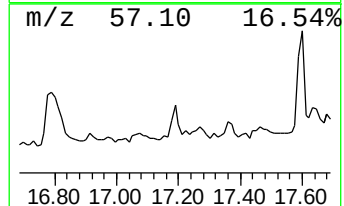
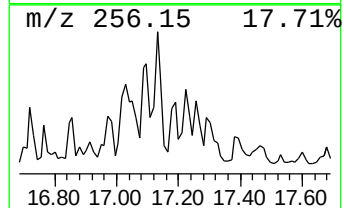
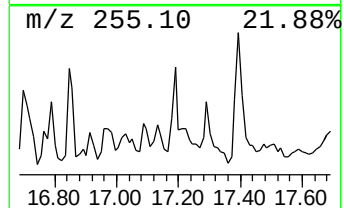
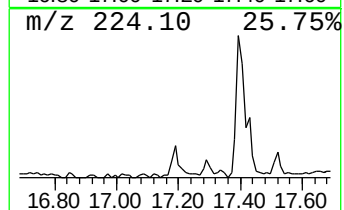
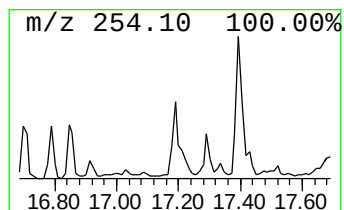
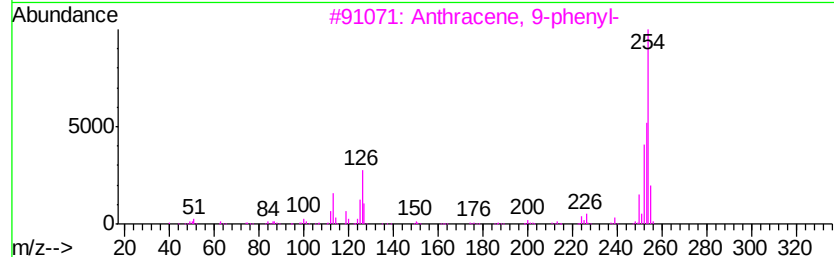
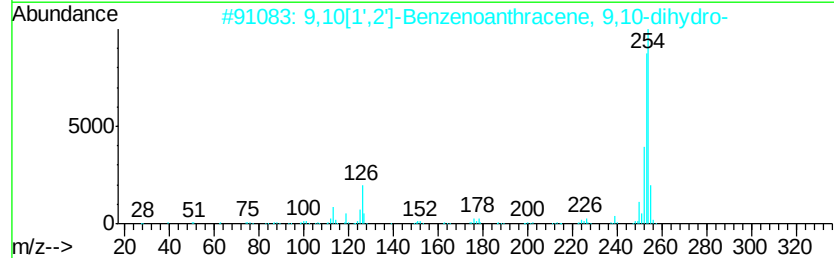
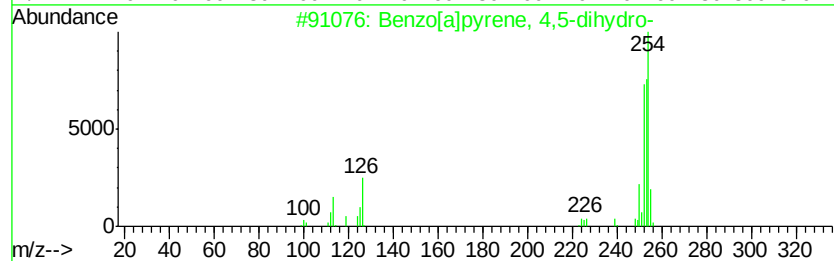
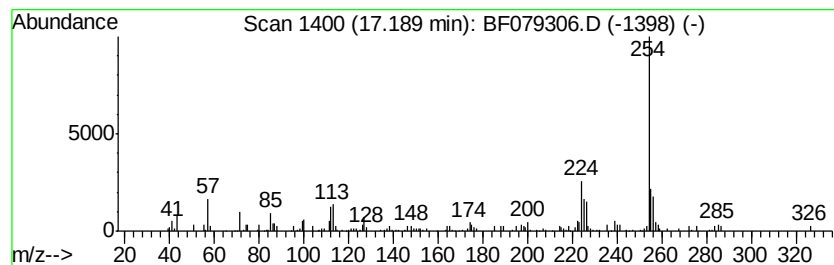
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[a]pyrene, 4,5-dihydro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	3.73 ng	154128	Perylene-d12	17.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	59
2		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	52
3		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	50
4		.beta.-Carboline, 3-ethoxycarbon...	254	C15H14N2O2	124487-93-0	50
5		Chrysin	254	C15H10O4	000480-40-0	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
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Acq On : 16 May 2015 11:03
Operator : TP/IZ
Sample : G2249-03 2X
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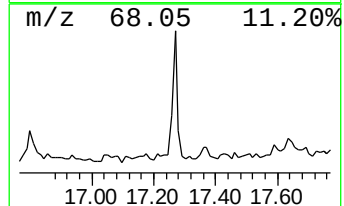
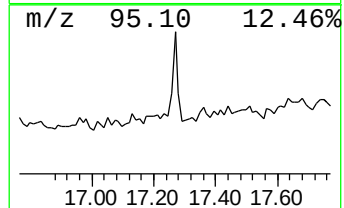
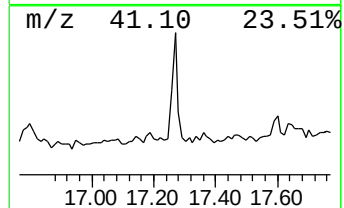
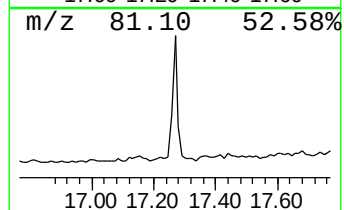
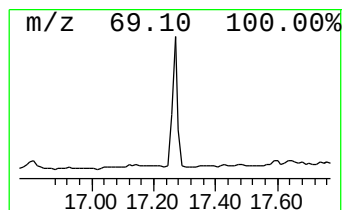
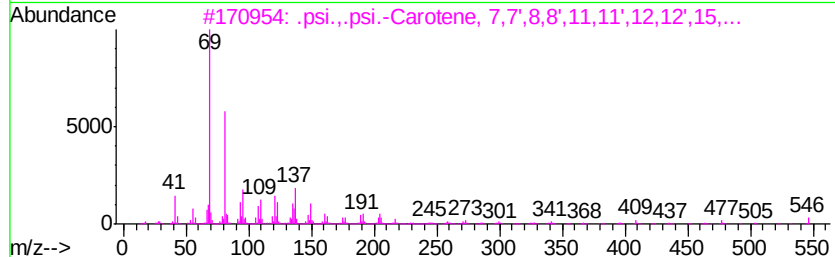
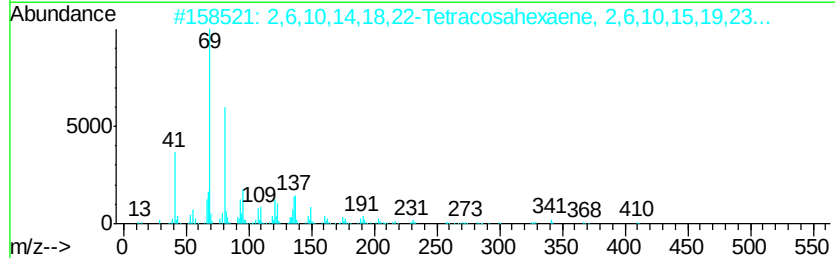
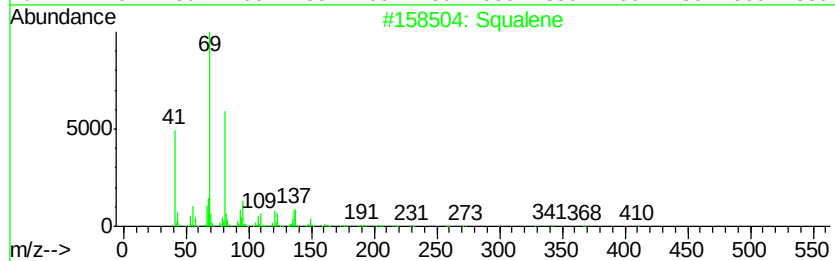
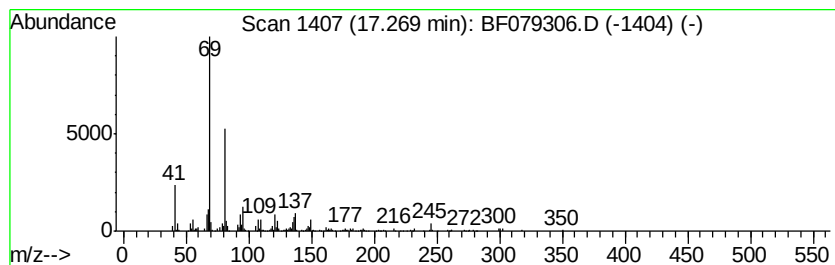
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Squalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	5.30 ng	218924	Perylene-d12	17.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 83
2	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 83
3	.psi.,.psi.-Carotene, 7,7',8,8',...		547 C40H66	000502-62-5 72
4	4,9,13,17-Tetramethyl-4,8,12,16-...		316 C22H36O	056882-09-8 72
5	7,11-Dimethyldodeca-2,6,10-trien...		208 C14H24O	125529-10-4 64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079306.D
Acq On : 16 May 2015 11:03
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Instrument :
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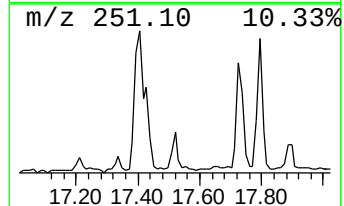
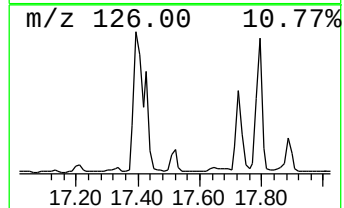
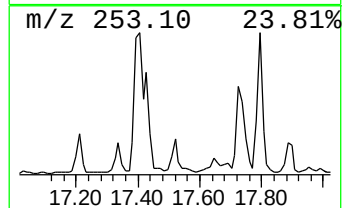
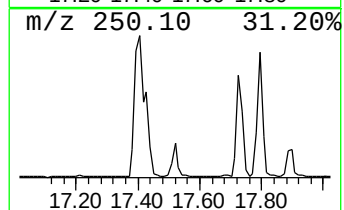
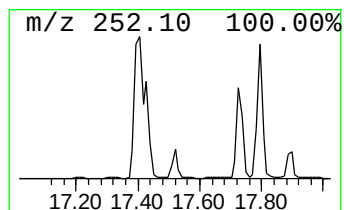
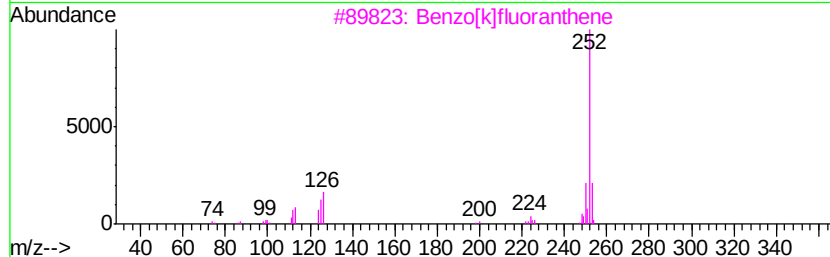
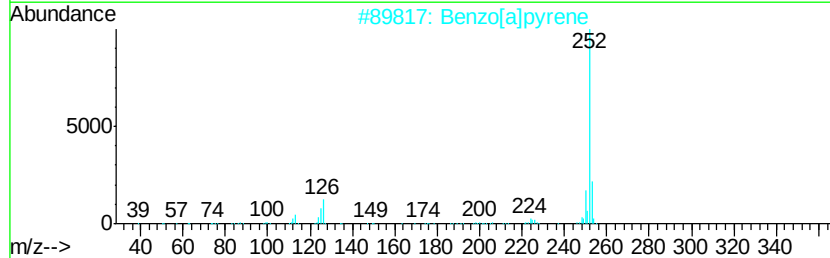
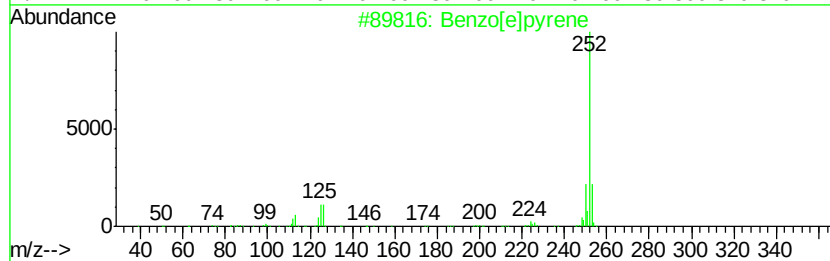
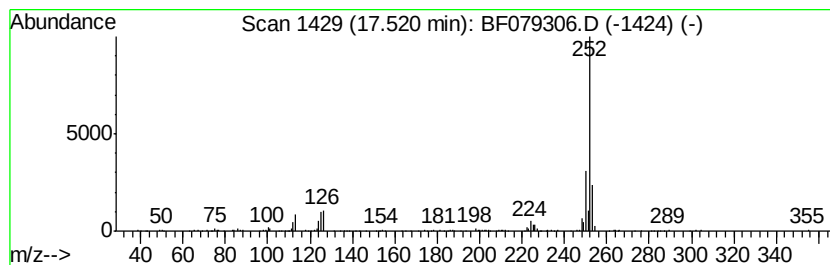
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	5.80 ng	239672	Perylene-d12	17.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5			Perylene	252	C20H12	000198-55-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
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 Sample : G2249-03 2X
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 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
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Butane, 2-methoxy...	1.62	4.6	ng	99249	1	7.18	435691	20.0
2-Pentanone, 4-hy...	4.95	7.7	ng	168341	1	7.18	435691	20.0
unknown6.89	6.89	30.1	ng	654622	1	7.18	435691	20.0
9H-Fluoren-9-one	12.53	5.0	ng	165814	4	12.77	664356	20.0
Phenanthrene, 2-m...	13.39	7.5	ng	247365	4	12.77	664356	20.0
Phenanthrene, 1-m...	13.43	9.0	ng	298806	4	12.77	664356	20.0
4H-Cyclopenta[def...	13.53	10.0	ng	332635	4	12.77	664356	20.0
Anthracene, 2-met...	13.57	4.8	ng	160773	4	12.77	664356	20.0
9,10-Anthracenedione	13.79	12.5	ng	414082	4	12.77	664356	20.0
9,10-Dimethylanthe...	14.08	4.5	ng	150670	4	12.77	664356	20.0
Cyclopenta(def)ph...	14.18	8.3	ng	275600	4	12.77	664356	20.0
Pyrene, 1-methyl-	15.10	3.9	ng	333876	5	16.07	1720920	20.0
Benzo[a]pyrene, 4...	17.19	3.7	ng	154128	6	17.86	826289	20.0
Squalene	17.27	5.3	ng	218924	6	17.86	826289	20.0
Benzo[e]pyrene	17.52	5.8	ng	239672	6	17.86	826289	20.0