

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
 Data File : BF079327.D
 Acq On : 19 May 2015 2:31
 Operator : TP/IZ
 Sample : G2272-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-10-D1

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	1.301	8	10	13	rVB	2313061	2715809	82.67%	11.368%
2	1.427	19	21	30	rVB2	60772	138662	4.22%	0.580%
3	1.598	34	36	39	rVB	148318	171283	5.21%	0.717%
4	1.667	41	42	50	rVV	194051	325170	9.90%	1.361%
5	1.781	50	52	92	rVB	1757972	3285265	100.00%	13.752%
6	4.924	326	327	335	rVB	162713	235130	7.16%	0.984%
7	5.450	371	373	376	rBV	845271	1150227	35.01%	4.815%
8	6.742	483	486	488	rBV	1410747	1288186	39.21%	5.392%
9	6.879	496	498	501	rBV	1352983	1279600	38.95%	5.356%
10	7.165	521	523	526	rBV	290247	272902	8.31%	1.142%
11	7.347	537	539	542	rBV	734586	962022	29.28%	4.027%
12	7.862	581	584	586	rBV	904692	794601	24.19%	3.326%
13	8.742	659	661	666	rVB	441080	418856	12.75%	1.753%
14	10.091	777	779	782	rBV	1781844	1572928	47.88%	6.584%
15	10.593	821	823	826	rBV	68926	85735	2.61%	0.359%
16	10.742	833	836	838	rBV	47983	49194	1.50%	0.206%
17	10.913	849	851	854	rVB	417179	440019	13.39%	1.842%
18	11.508	900	903	904	rVB2	24873	34459	1.05%	0.144%
19	11.896	934	937	940	rBV	1081115	1095600	33.35%	4.586%
20	12.091	952	954	958	rVB	38961	54492	1.66%	0.228%
21	12.754	1010	1012	1014	rBV	387079	505383	15.38%	2.116%
22	12.857	1017	1021	1023	rBV	54594	89266	2.72%	0.374%
23	13.177	1047	1049	1053	rVB2	16932	33934	1.03%	0.142%
24	13.394	1065	1068	1069	rBV	33188	46091	1.40%	0.193%
25	13.417	1069	1070	1074	rVV	39785	56491	1.72%	0.236%
26	13.485	1074	1076	1077	rVV	33779	44242	1.35%	0.185%
27	13.519	1077	1079	1081	rVV	74806	98876	3.01%	0.414%
28	13.759	1098	1100	1102	rBV3	22274	38834	1.18%	0.163%
29	13.794	1102	1103	1107	rVB2	33575	36766	1.12%	0.154%
30	14.079	1126	1128	1129	rBV	39092	56814	1.73%	0.238%
31	14.114	1129	1131	1135	rVB2	25567	50307	1.53%	0.211%
32	14.182	1135	1137	1140	rVB3	26533	43300	1.32%	0.181%
33	14.262	1142	1144	1146	rBV	339385	357532	10.88%	1.497%
34	14.342	1149	1151	1153	rBV2	24627	33445	1.02%	0.140%

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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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35	14.377	1153	1154	1157	rVB2	22151	34197	1.04%	0.143%
36	14.548	1166	1169	1171	rBV	306293	417612	12.71%	1.748%
37	14.754	1184	1187	1190	rBV	1770236	1826846	55.61%	7.647%
38	14.834	1190	1194	1196	rBV2	26533	44592	1.36%	0.187%
39	14.937	1200	1203	1204	rBV3	24614	49862	1.52%	0.209%
40	14.960	1204	1205	1208	rVB	55113	61998	1.89%	0.260%
41	15.051	1208	1213	1215	rBV2	40408	94526	2.88%	0.396%
42	15.085	1215	1216	1218	rBV	44735	57695	1.76%	0.242%
43	15.200	1224	1226	1228	rVB	37227	40182	1.22%	0.168%
44	15.245	1228	1230	1232	rBV	31043	47588	1.45%	0.199%
45	15.371	1236	1241	1244	rBV7	13110	50569	1.54%	0.212%
46	15.520	1244	1254	1256	rBV6	29695	141589	4.31%	0.593%
47	15.600	1258	1261	1265	rVB	22924	49836	1.52%	0.209%
48	15.725	1270	1272	1274	rBV	45112	67182	2.04%	0.281%
49	15.771	1274	1276	1279	rVV2	29290	54137	1.65%	0.227%
50	15.931	1287	1290	1294	rVV2	164656	305677	9.30%	1.280%
51	16.045	1297	1300	1302	rVV2	572405	882369	26.86%	3.694%
52	16.080	1302	1303	1308	rVB2	191613	221072	6.73%	0.925%
53	16.343	1324	1326	1328	rBV2	25391	35253	1.07%	0.148%
54	17.337	1411	1413	1419	rBV	186437	403848	12.29%	1.691%
55	17.657	1439	1441	1444	rBV	122231	158329	4.82%	0.663%
56	17.714	1444	1446	1449	rVV	157221	188581	5.74%	0.789%
57	17.783	1449	1452	1459	rBV	452412	655200	19.94%	2.743%
58	19.177	1572	1574	1579	rBV2	67452	138994	4.23%	0.582%

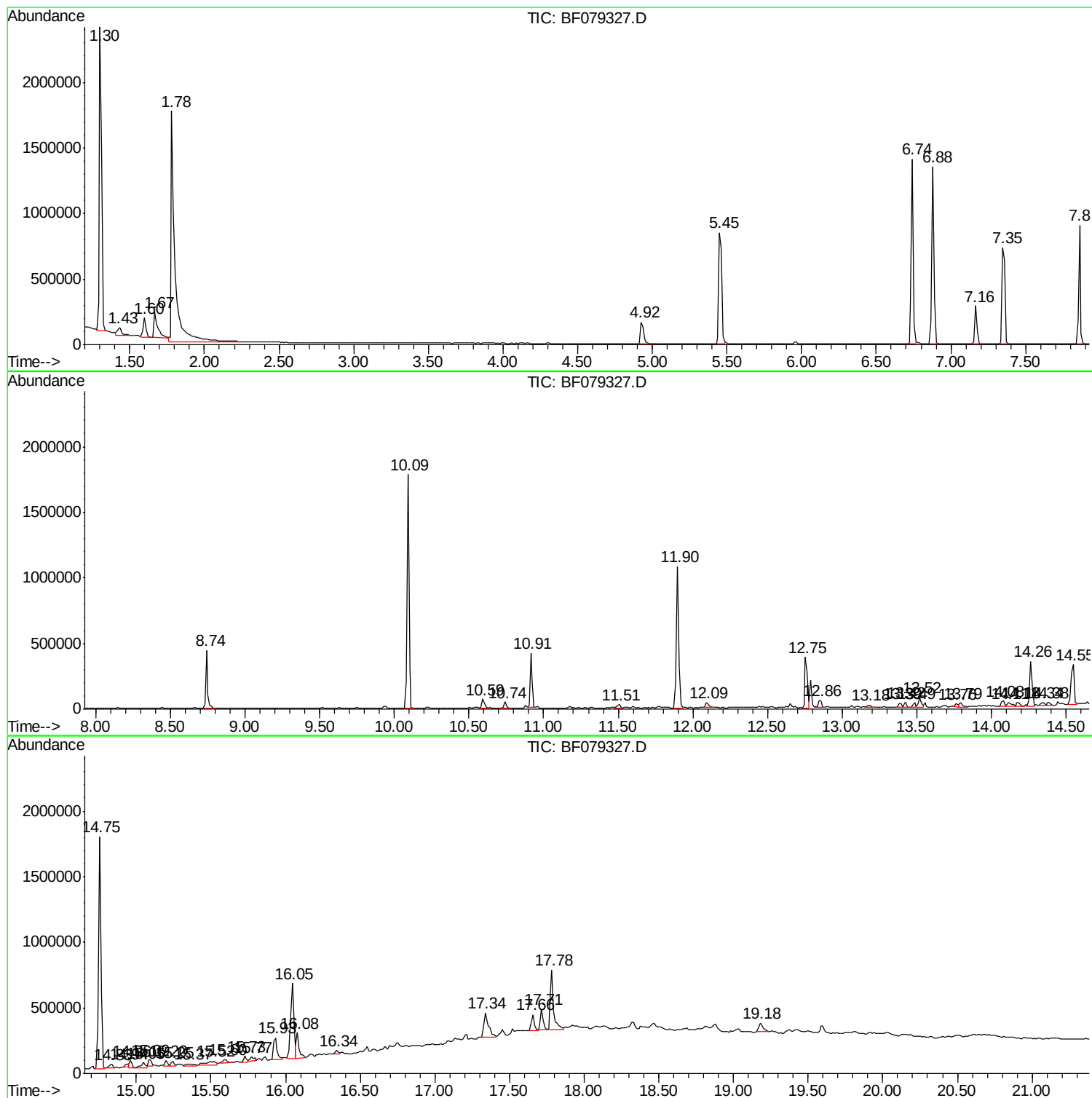
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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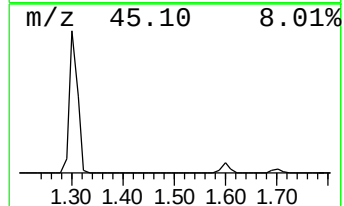
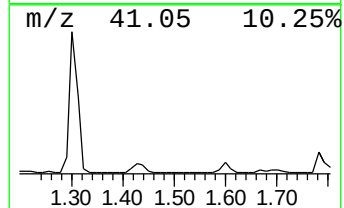
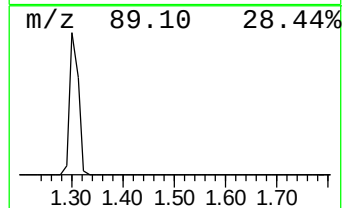
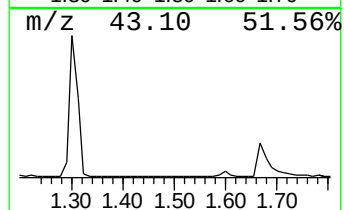
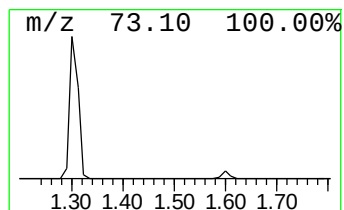
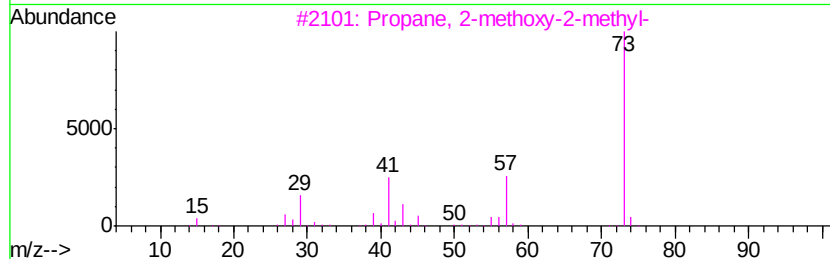
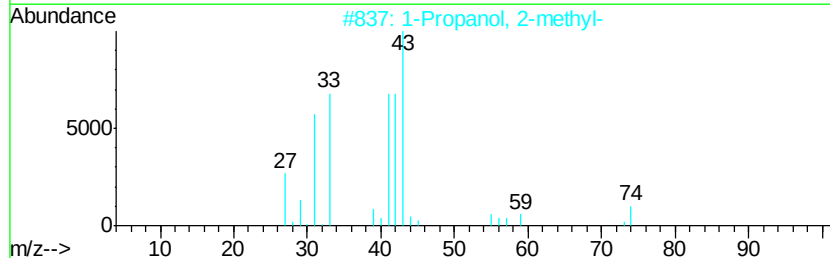
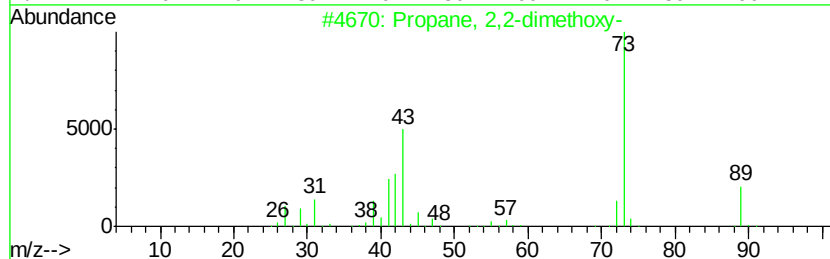
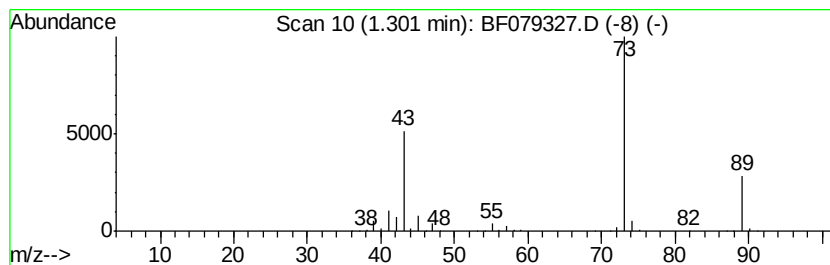
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.30	199.03 ng	2715810	1,4-Dichlorobenzene-d4	7.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5		Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9



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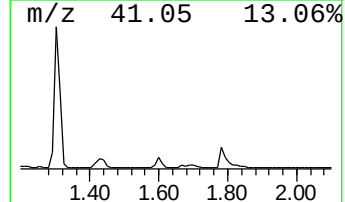
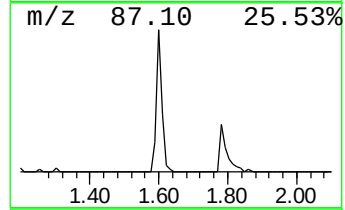
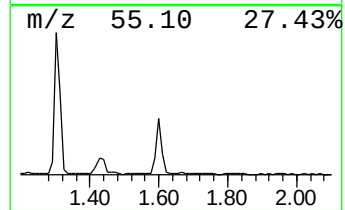
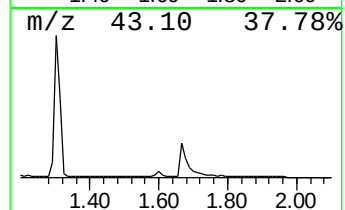
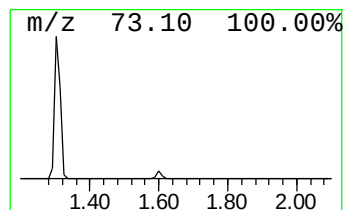
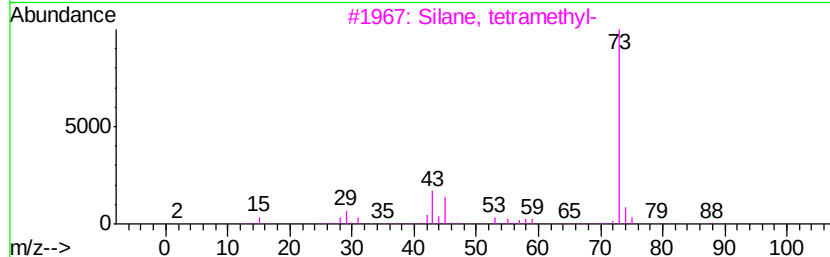
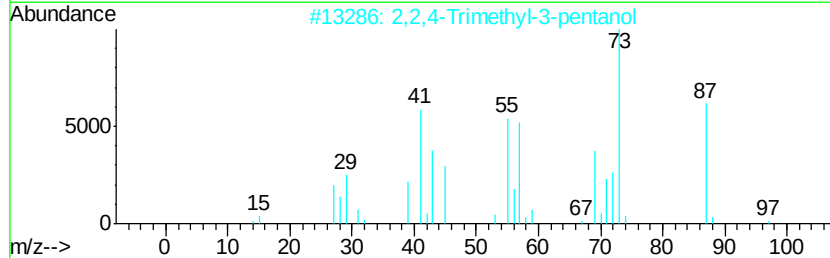
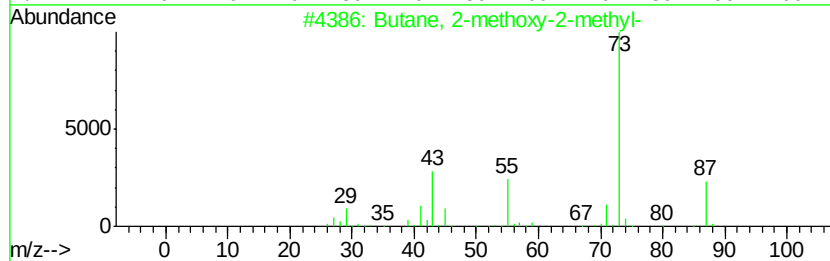
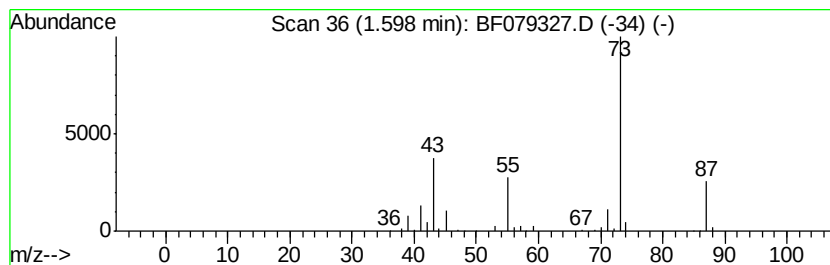
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.60	12.55 ng	171283	1,4-Dichlorobenzene-d4	7.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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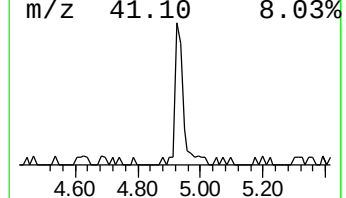
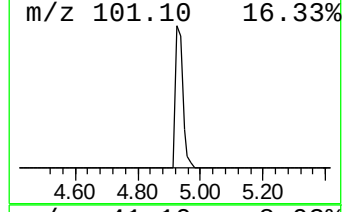
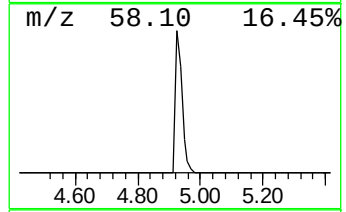
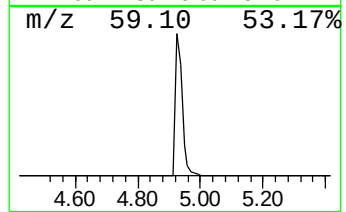
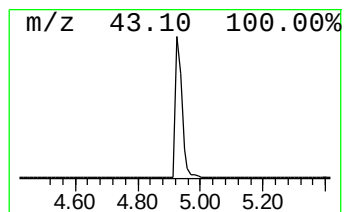
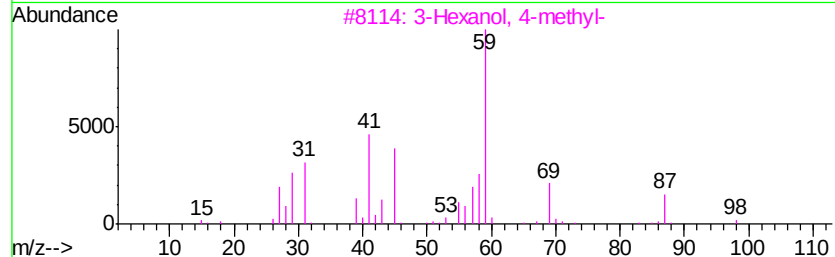
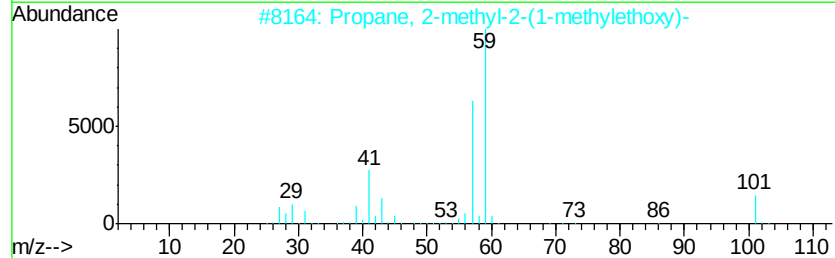
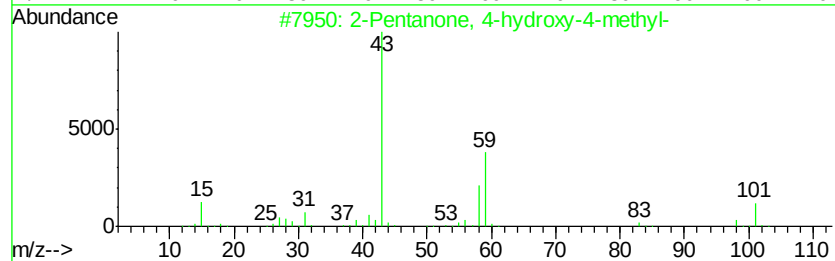
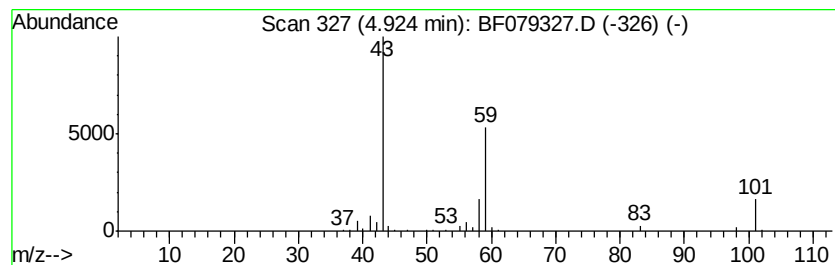
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	17.23 ng	235130	1,4-Dichlorobenzene-d4	7.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27



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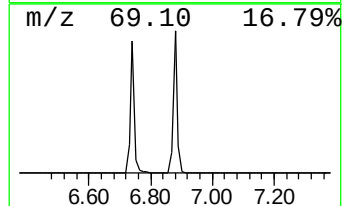
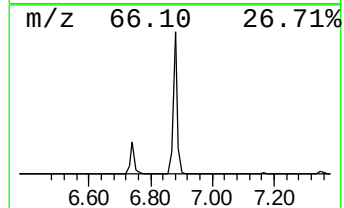
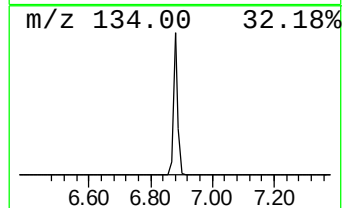
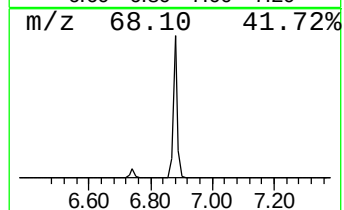
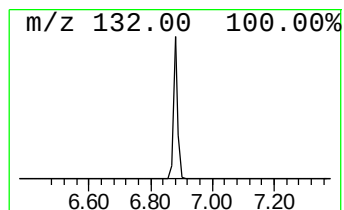
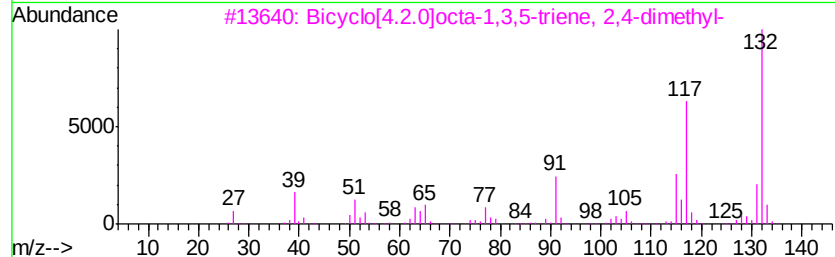
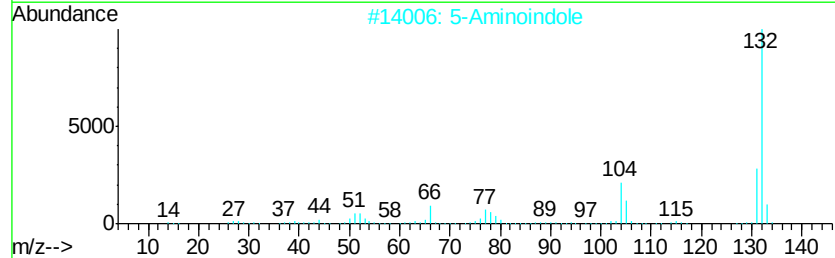
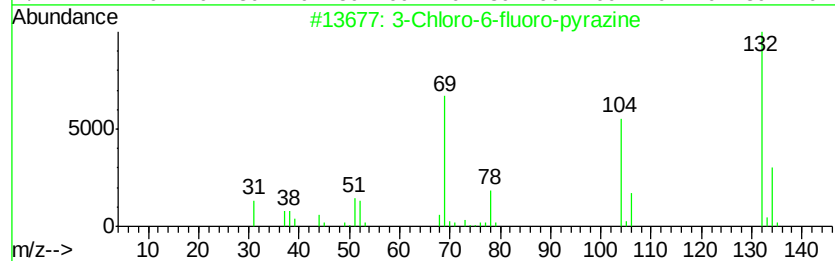
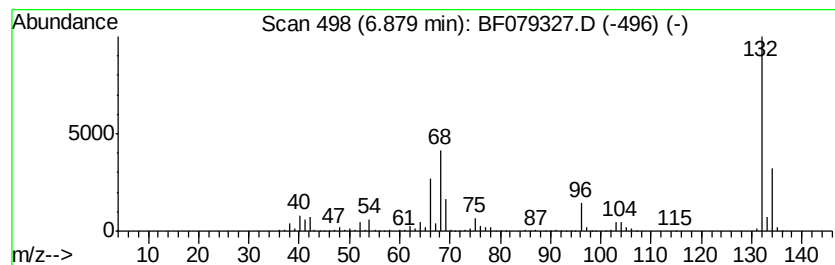
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown6.88 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	93.78 ng	1279600	1,4-Dichlorobenzene-d4	7.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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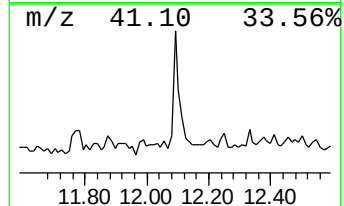
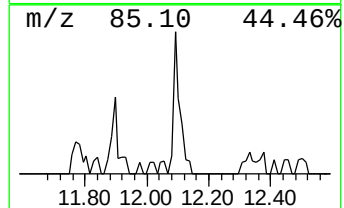
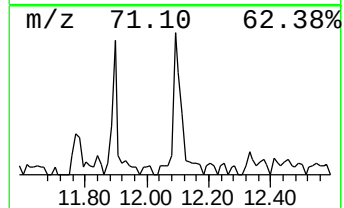
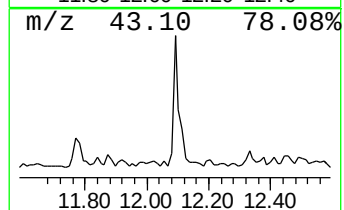
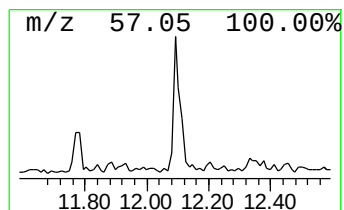
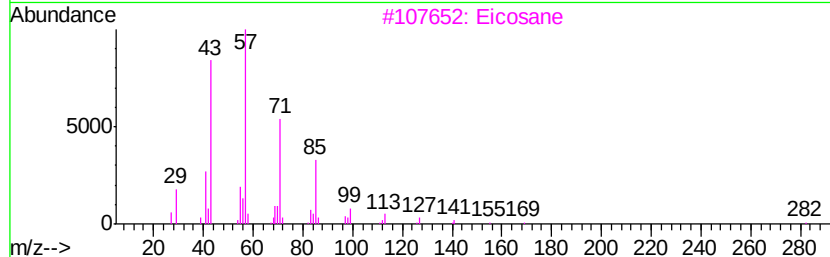
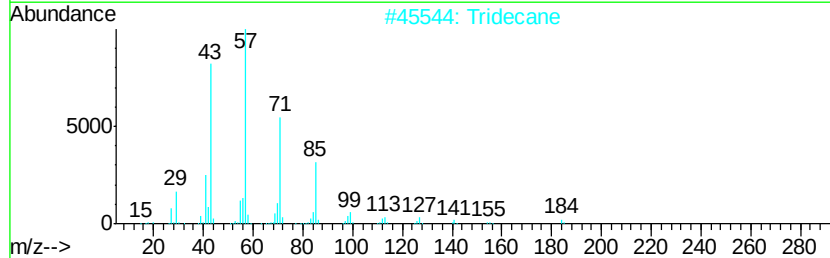
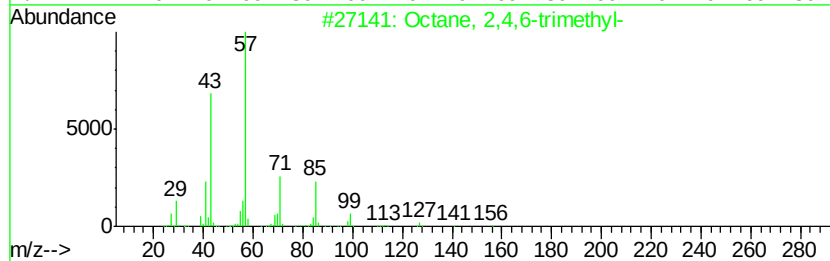
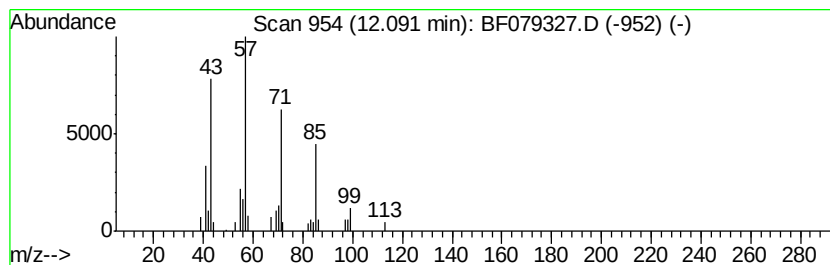
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octane, 2,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.16 ng	54492	Phenanthrene-d10	12.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	78
2		Tridecane	184	C13H28	000629-50-5	72
3		Eicosane	282	C20H42	000112-95-8	72
4		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64
5		Pentadecane	212	C15H32	000629-62-9	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
Data File : BF079327.D
Acq On : 19 May 2015 2:31
Operator : TP/IZ
Sample : G2272-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

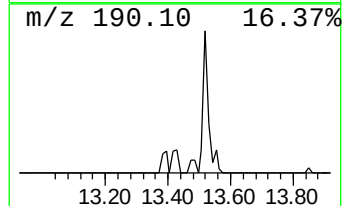
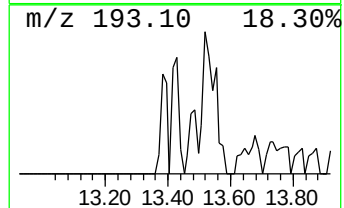
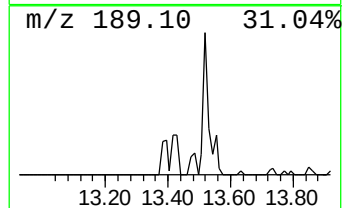
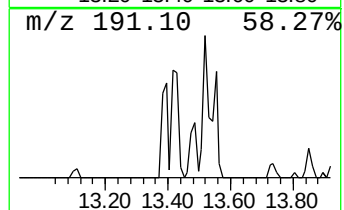
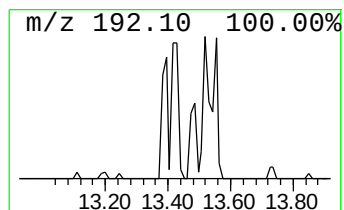
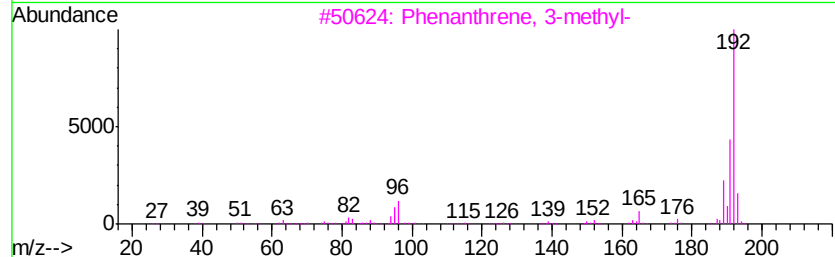
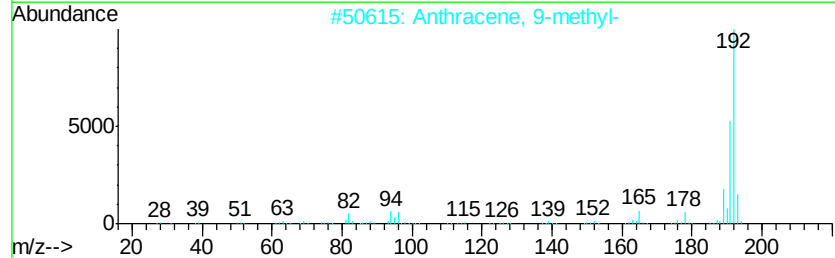
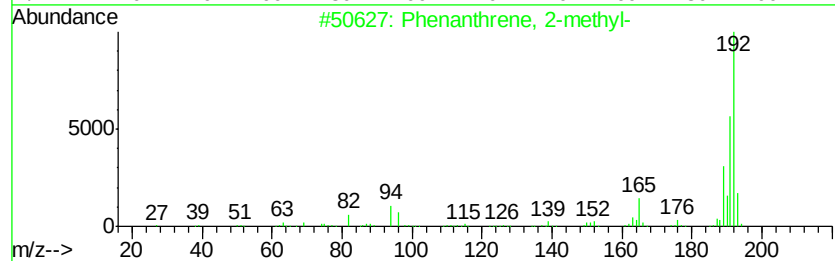
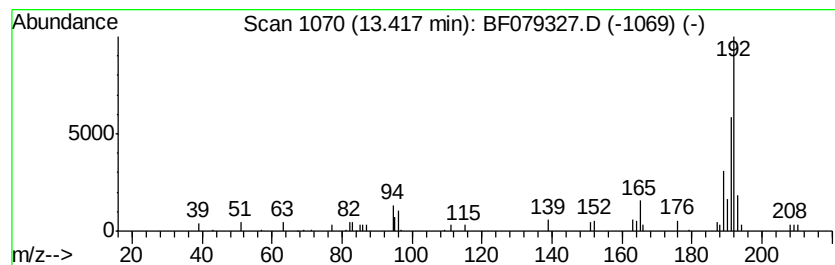
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	2.24 ng	56491	Phenanthrene-d10	12.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079327.D
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Sample : G2272-11
Misc :
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ClientSampleId :
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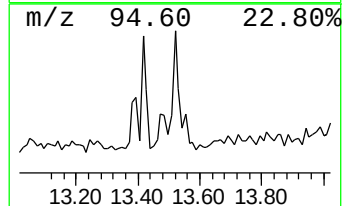
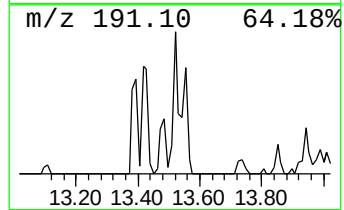
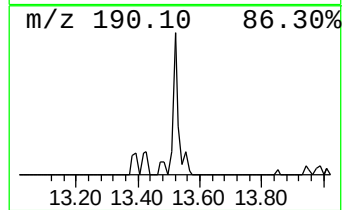
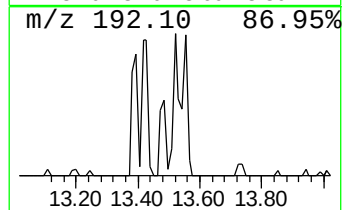
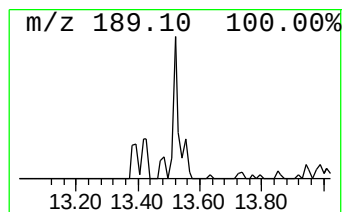
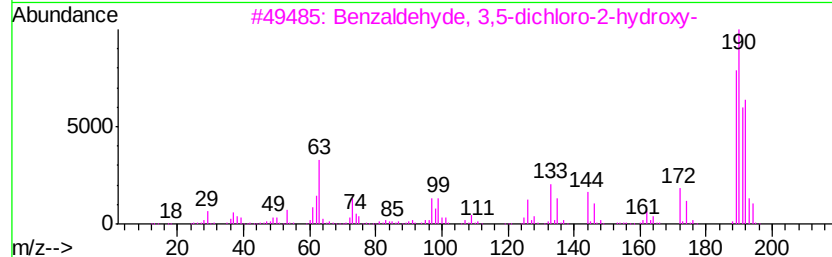
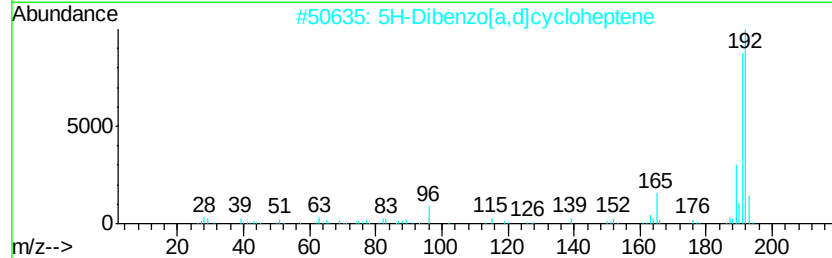
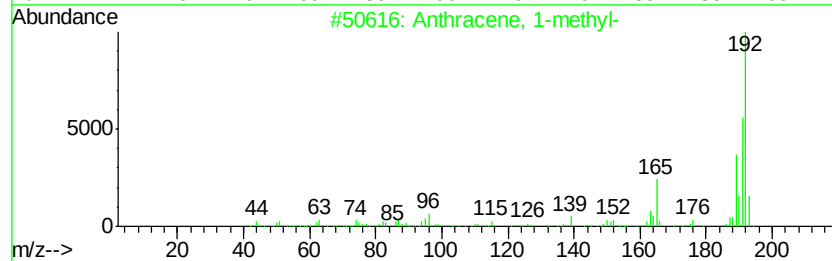
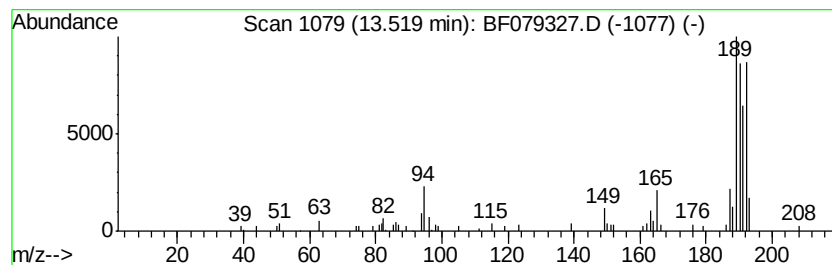
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	3.91 ng	98876	Phenanthrene-d10	12.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	80
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	52
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
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Sample : G2272-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

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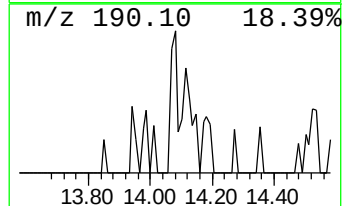
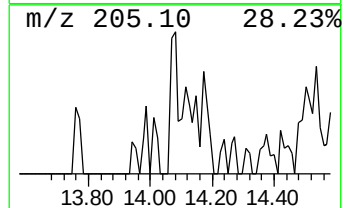
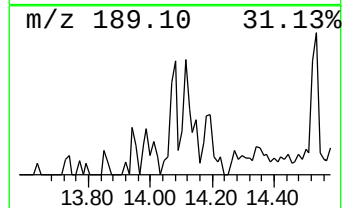
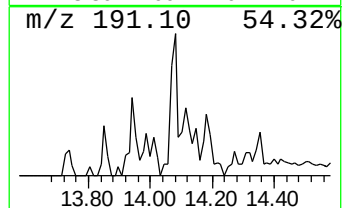
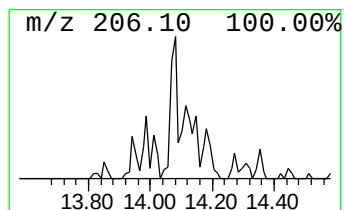
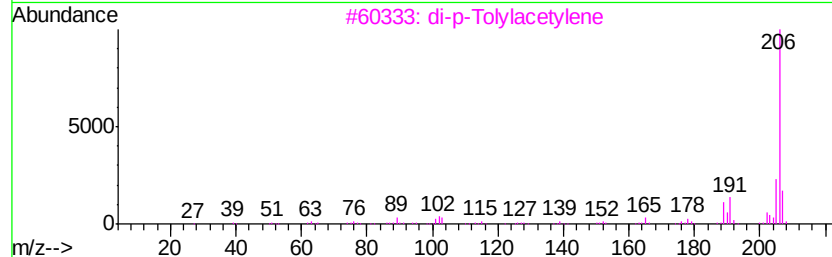
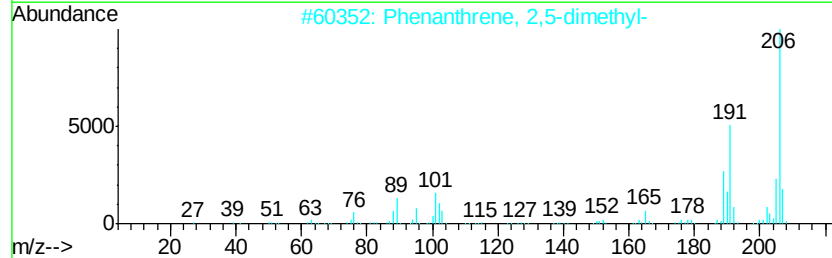
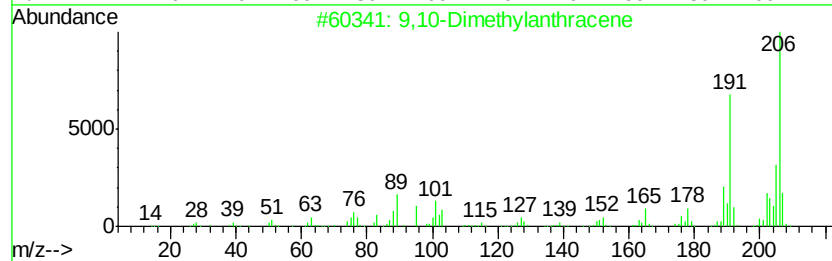
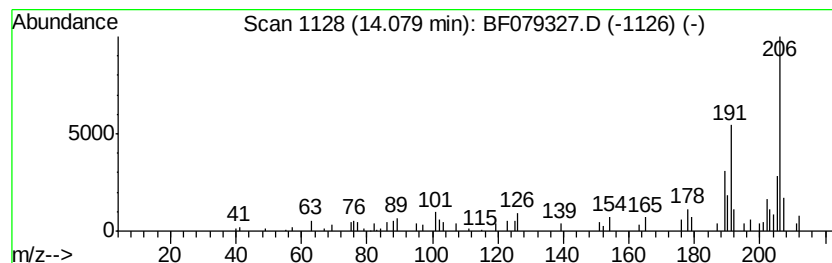
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Dimethylantracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	2.25 ng	56814	Phenanthrene-d10	12.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	94
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
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Misc :
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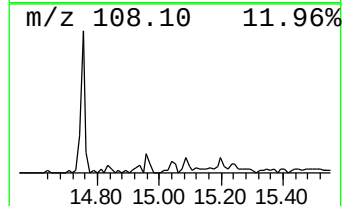
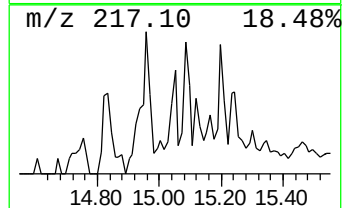
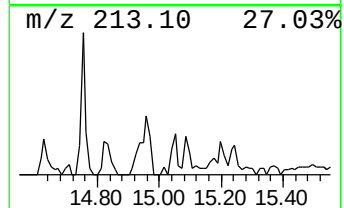
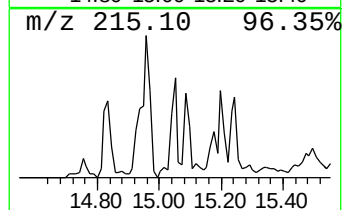
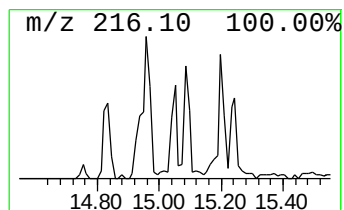
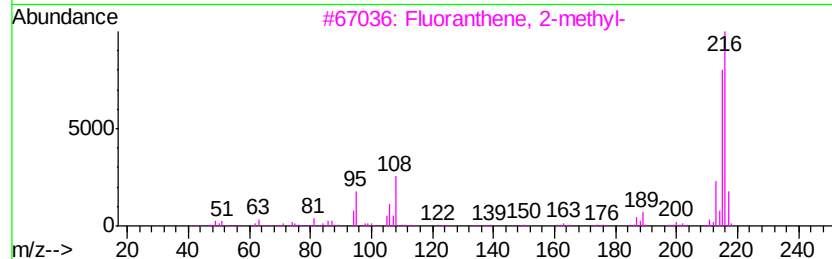
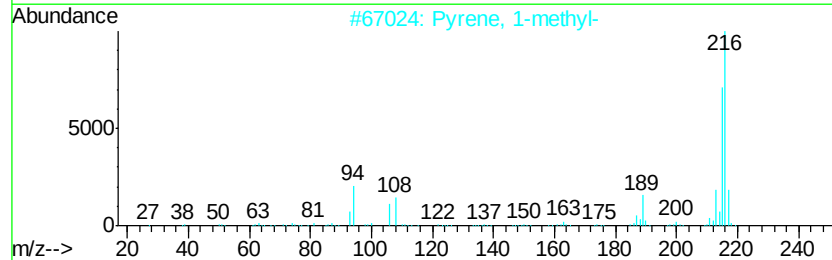
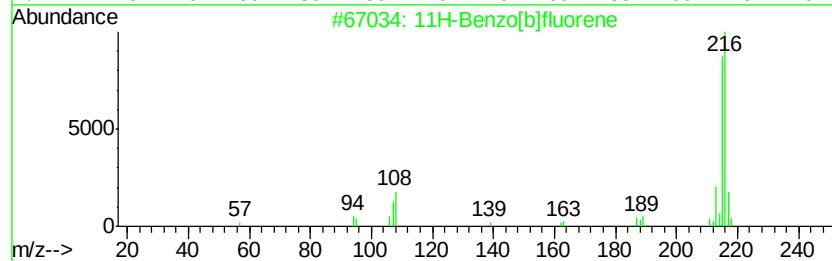
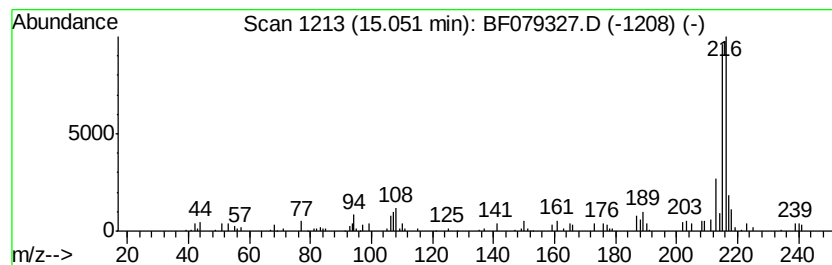
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	2.14 ng	94526	Chrysene-d12	16.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
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Misc :
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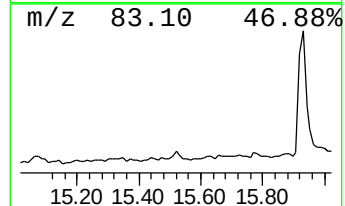
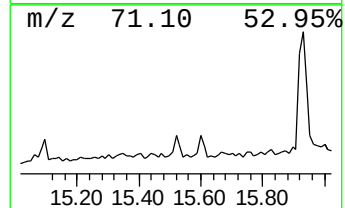
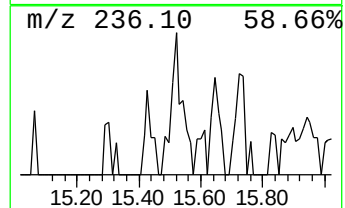
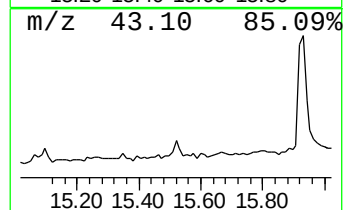
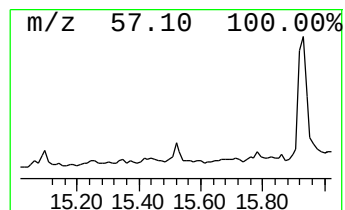
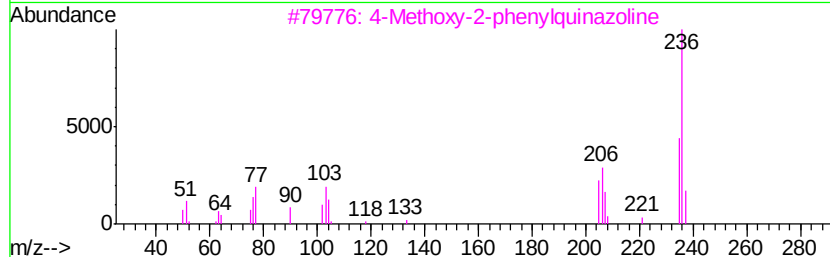
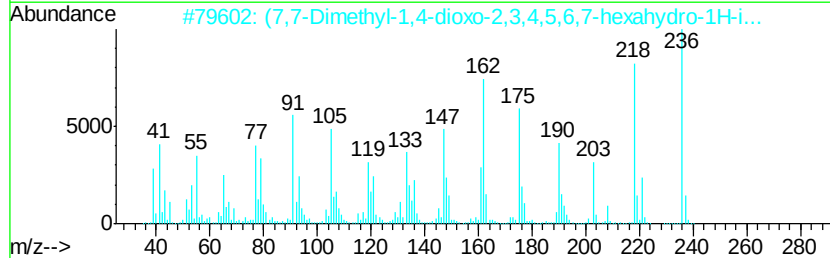
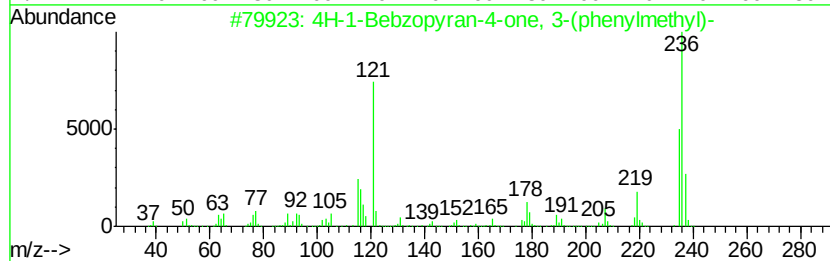
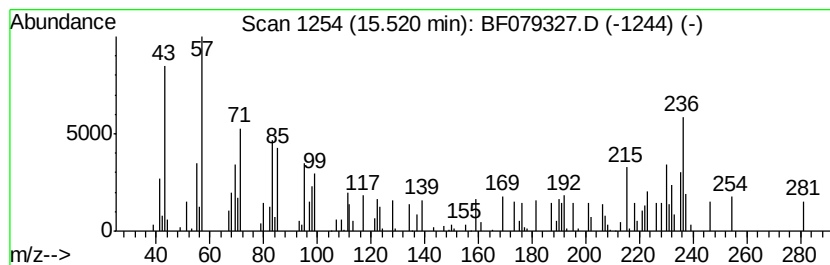
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown15.52 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	3.21 ng	141589	Chrysene-d12	16.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-1-Bebzopyran-4-one, 3-(phenyl...	236	C16H12O2	030779-85-2	22
2		(7,7-Dimethyl-1,4-dioxo-2,3,4,5,...	236	C13H16O4	059488-99-2	15
3		4-Methoxy-2-phenylquinazoline	236	C15H12N2O	026060-03-7	14
4		4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	11
5		S-Butyl n-hexyl disulfide	206	C10H22S2	169611-28-3	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
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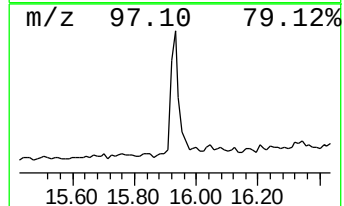
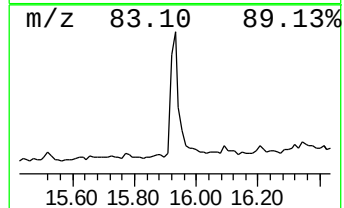
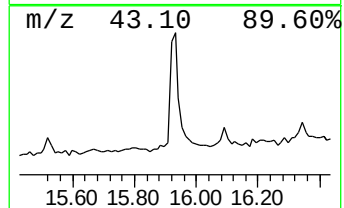
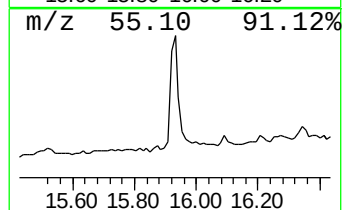
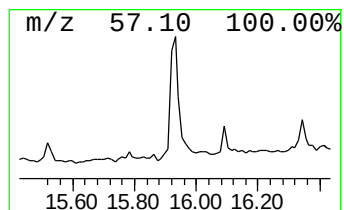
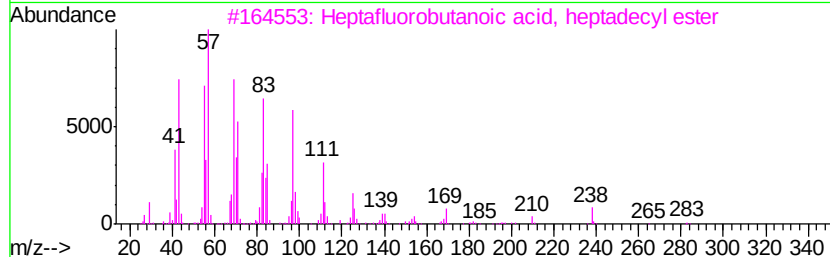
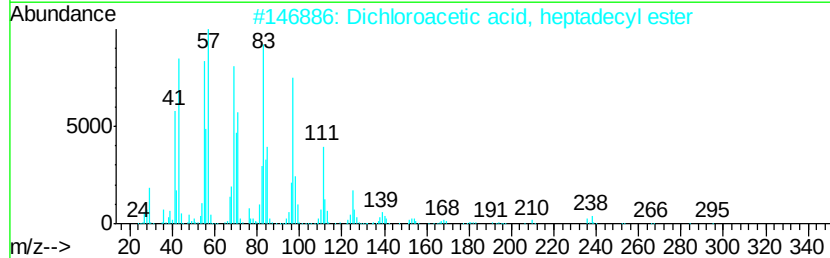
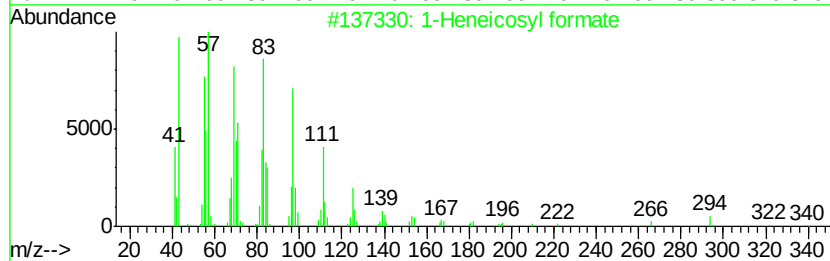
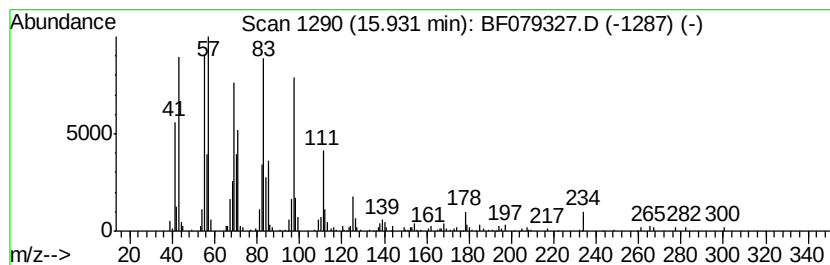
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1-Heneicosyl formate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	6.93 ng	305677	Chrysene-d12	16.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3			Heptafluorobutanoic acid, heptadecyl ...	452	C21H35F7O2	1000282-97-3	94
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5			2-Chloropropionic acid, octadecyl ...	360	C21H41ClO2	088104-31-8	94



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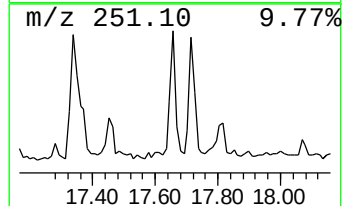
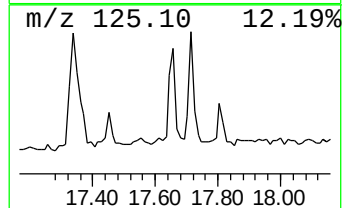
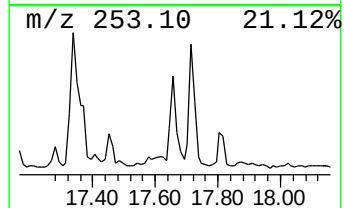
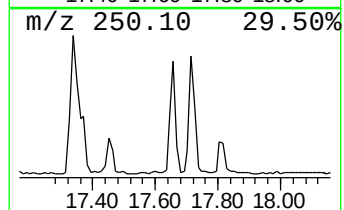
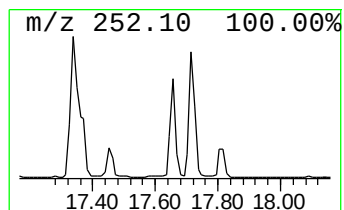
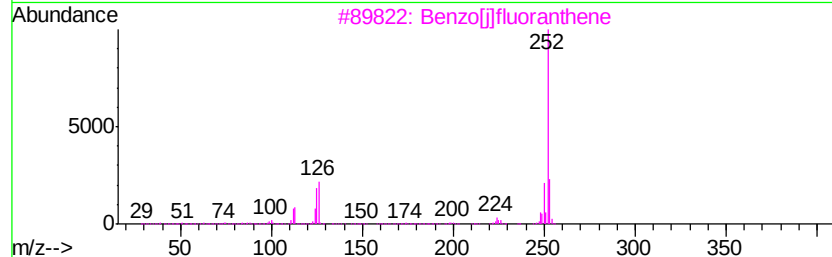
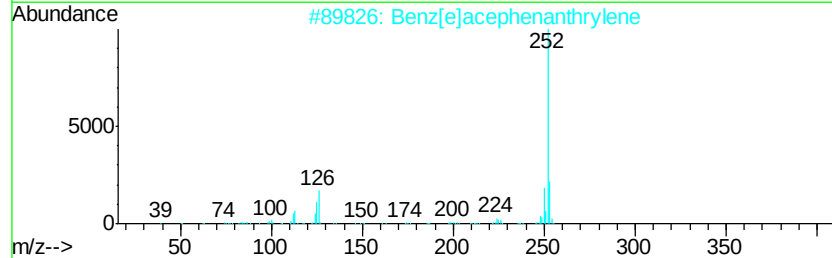
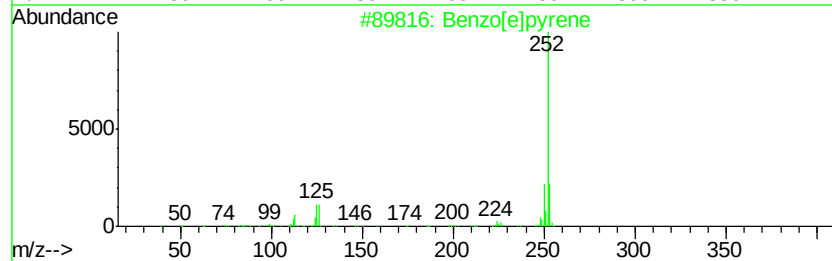
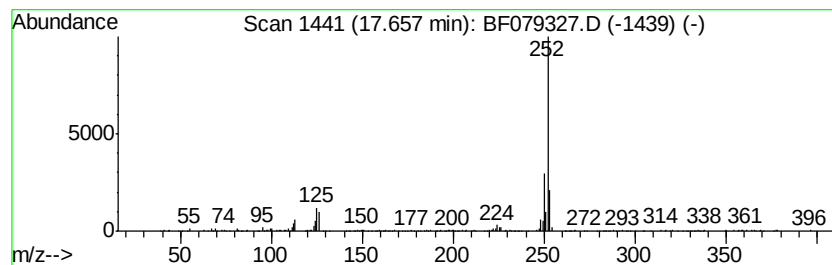
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	4.83 ng	158329	Perylene-d12	17.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	97
3			Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
Data File : BF079327.D
Acq On : 19 May 2015 2:31
Operator : TP/IZ
Sample : G2272-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

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
Propane, 2,2-dime...	1.30	199.0	ng	2715810	1	7.16	272902	20.0
Butane, 2-methoxy...	1.60	12.6	ng	171283	1	7.16	272902	20.0
2-Pentanone, 4-hy...	4.92	17.2	ng	235130	1	7.16	272902	20.0
unknown6.88	6.88	93.8	ng	1279600	1	7.16	272902	20.0
Octane, 2,4,6-tri...	12.09	2.2	ng	54492	4	12.75	505383	20.0
Phenanthrene, 2-m...	13.42	2.2	ng	56491	4	12.75	505383	20.0
Anthracene, 1-met...	13.52	3.9	ng	98876	4	12.75	505383	20.0
9,10-Dimethylanth...	14.08	2.3	ng	56814	4	12.75	505383	20.0
11H-Benzo[b]fluorene	15.05	2.1	ng	94526	5	16.05	882369	20.0
unknown15.52	15.52	3.2	ng	141589	5	16.05	882369	20.0
1-Heneicosyl formate	15.93	6.9	ng	305677	5	16.05	882369	20.0
Benzo[e]pyrene	17.66	4.8	ng	158329	6	17.78	655200	20.0