

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
 Data File : BF079243.D
 Acq On : 14 May 2015 20:29
 Operator : TP/IZ
 Sample : G2246-04 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12

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	1.358	12	15	17	rVB	2030088	2668621	47.27%	5.858%
2	1.484	24	26	39	rVB	120213	382851	6.78%	0.840%
3	1.655	39	41	43	rVV	99396	145378	2.57%	0.319%
4	1.690	43	44	53	rVV	282205	520725	9.22%	1.143%
5	1.815	53	55	85	rVB	2874819	5645817	100.00%	12.393%
6	4.993	330	333	341	rVB	99579	133831	2.37%	0.294%
7	5.507	376	378	381	rBV	557589	555752	9.84%	1.220%
8	6.776	487	489	492	rBV	534579	601421	10.65%	1.320%
9	6.924	500	502	505	rBV	665858	625478	11.08%	1.373%
10	7.210	525	527	530	rBV	199508	271926	4.82%	0.597%
11	7.404	542	544	546	rBV	482588	489555	8.67%	1.075%
12	7.907	585	588	590	rBV	434506	381713	6.76%	0.838%
13	8.787	663	665	667	rBV	329853	486754	8.62%	1.069%
14	8.822	667	668	670	rVB	336222	239314	4.24%	0.525%
15	9.679	741	743	745	rBV	153781	130354	2.31%	0.286%
16	9.793	751	753	756	rBV	69970	96613	1.71%	0.212%
17	10.136	781	783	786	rBV	846251	766078	13.57%	1.682%
18	10.788	838	840	843	rBV	114325	129454	2.29%	0.284%
19	10.971	853	856	858	rBV	372480	462355	8.19%	1.015%
20	11.005	858	859	862	rVB	259137	211904	3.75%	0.465%
21	11.222	875	878	881	rBV	174335	168701	2.99%	0.370%
22	11.645	913	915	917	rBV	164291	154954	2.74%	0.340%
23	11.942	939	941	944	rVB	483627	568084	10.06%	1.247%
24	12.331	971	975	977	rBV3	42159	90483	1.60%	0.199%
25	12.502	986	990	991	rBV	38557	71790	1.27%	0.158%
26	12.571	993	996	999	rVB	113196	132823	2.35%	0.292%
27	12.639	999	1002	1004	rBV	106571	131360	2.33%	0.288%
28	12.674	1004	1005	1014	rVB	85251	139651	2.47%	0.307%
29	12.811	1014	1017	1018	rBV	452700	458088	8.11%	1.006%
30	12.845	1018	1020	1022	rVV	1563887	1775704	31.45%	3.898%
31	12.902	1022	1025	1027	rVV	353087	365136	6.47%	0.802%
32	13.108	1041	1043	1045	rVV	170088	156045	2.76%	0.343%
33	13.439	1068	1072	1073	rBV	240163	248242	4.40%	0.545%
34	13.474	1073	1075	1078	rVB	344884	342236	6.06%	0.751%

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

35	13.531	1078	1080	1082	rBV	145186	144067	2.55%	0.316%
36	13.577	1082	1084	1085	rBV	274129	389797	6.90%	0.856%
37	13.817	1103	1105	1109	rVB2	178636	278586	4.93%	0.612%
38	13.999	1117	1121	1123	rBV2	58155	100859	1.79%	0.221%
39	14.125	1128	1132	1134	rBV	145278	205576	3.64%	0.451%
40	14.171	1134	1136	1139	rVV2	74660	153747	2.72%	0.337%
41	14.228	1139	1141	1146	rVB3	112350	197019	3.49%	0.432%
42	14.319	1146	1149	1152	rBV	2288598	2356718	41.74%	5.173%
43	14.434	1157	1159	1161	rVB	95556	105790	1.87%	0.232%
44	14.502	1161	1165	1166	rBV2	140644	194711	3.45%	0.427%
45	14.605	1170	1174	1176	rVV	1695013	2542926	45.04%	5.582%
46	14.662	1178	1179	1184	rVB2	104603	149621	2.65%	0.328%
47	14.754	1185	1187	1189	rBV	136623	153292	2.72%	0.337%
48	14.799	1189	1191	1194	rVB2	620436	936873	16.59%	2.057%
49	14.880	1194	1198	1200	rBV2	144332	267219	4.73%	0.587%
50	15.017	1205	1210	1212	rVB2	241456	626033	11.09%	1.374%
51	15.097	1216	1217	1219	rVV	101357	101793	1.80%	0.223%
52	15.142	1219	1221	1224	rVV	283449	345223	6.11%	0.758%
53	15.257	1229	1231	1233	rVV	181921	208609	3.69%	0.458%
54	15.291	1233	1234	1236	rVV	183903	201987	3.58%	0.443%
55	15.337	1236	1238	1241	rVB3	47836	96215	1.70%	0.211%
56	15.394	1241	1243	1245	rBV2	37782	73217	1.30%	0.161%
57	15.645	1261	1265	1269	rVB2	176716	297186	5.26%	0.652%
58	15.782	1274	1277	1279	rVV2	160468	270195	4.79%	0.593%
59	15.828	1279	1281	1284	rVV2	192982	373696	6.62%	0.820%
60	15.885	1284	1286	1287	rVV2	99294	170581	3.02%	0.374%
61	15.920	1287	1289	1291	rVB	167877	201048	3.56%	0.441%
62	15.988	1292	1295	1301	rBV3	82560	205029	3.63%	0.450%
63	16.102	1301	1305	1308	rBV2	1100703	2260078	40.03%	4.961%
64	16.148	1308	1309	1314	rVB	1023769	1053104	18.65%	2.312%
65	16.251	1314	1318	1319	rBV2	75750	140442	2.49%	0.308%
66	16.297	1319	1322	1324	rBV3	64280	114340	2.03%	0.251%
67	16.377	1326	1329	1331	rVV3	84214	156941	2.78%	0.345%
68	16.422	1331	1333	1335	rVV	111643	151211	2.68%	0.332%
69	16.548	1341	1344	1345	rBV3	52566	94542	1.67%	0.208%
70	16.628	1348	1351	1353	rVV	221804	281209	4.98%	0.617%
71	16.674	1353	1355	1358	rVV	107684	124389	2.20%	0.273%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	16.754	1360	1362	1363	rVV	87415	96224	1.70%	0.211%
73	16.788	1363	1365	1369	rVV3	84708	172708	3.06%	0.379%
74	16.903	1373	1375	1379	rVB2	76927	113196	2.00%	0.248%
75	17.040	1384	1387	1388	rBV2	78794	118692	2.10%	0.261%
76	17.245	1403	1405	1406	rBV	63738	90134	1.60%	0.198%
77	17.463	1421	1424	1429	rBV	913140	2080674	36.85%	4.567%
78	17.577	1433	1434	1437	rVB	148794	183756	3.25%	0.403%
79	17.714	1442	1446	1447	rVV2	49713	89394	1.58%	0.196%
80	17.794	1450	1453	1456	rVV	610787	821375	14.55%	1.803%
81	17.863	1456	1459	1462	rVB	941218	1126214	19.95%	2.472%
82	17.931	1462	1465	1466	rBV	459695	586728	10.39%	1.288%
83	17.954	1466	1467	1474	rVB2	207230	396421	7.02%	0.870%
84	18.114	1478	1481	1482	rBV2	41312	85777	1.52%	0.188%
85	18.251	1489	1493	1495	rBV2	57114	146449	2.59%	0.321%
86	18.366	1500	1503	1505	rVV	35921	73848	1.31%	0.162%
87	18.480	1511	1513	1514	rVV2	53891	95946	1.70%	0.211%
88	18.846	1543	1545	1549	rVB2	49174	102064	1.81%	0.224%
89	19.051	1561	1563	1570	rVB5	66215	209001	3.70%	0.459%
90	19.211	1572	1577	1580	rBV3	112187	300022	5.31%	0.659%
91	19.371	1588	1591	1596	rVB2	404584	857417	15.19%	1.882%
92	19.451	1596	1598	1603	rVB	34529	79182	1.40%	0.174%
93	19.554	1603	1607	1609	rBV	92872	228685	4.05%	0.502%
94	19.600	1609	1611	1614	rVB2	88402	148605	2.63%	0.326%
95	19.794	1624	1628	1637	rVB	370981	774815	13.72%	1.701%
96	20.011	1645	1647	1651	rVB	88350	177052	3.14%	0.389%
97	21.954	1810	1817	1825	rVB2	84621	382785	6.78%	0.840%
98	22.137	1827	1833	1837	rBV	71020	291326	5.16%	0.640%
99	23.029	1906	1911	1913	rBV	36601	133238	2.36%	0.292%
100	23.292	1929	1934	1940	rBV2	32989	120005	2.13%	0.263%

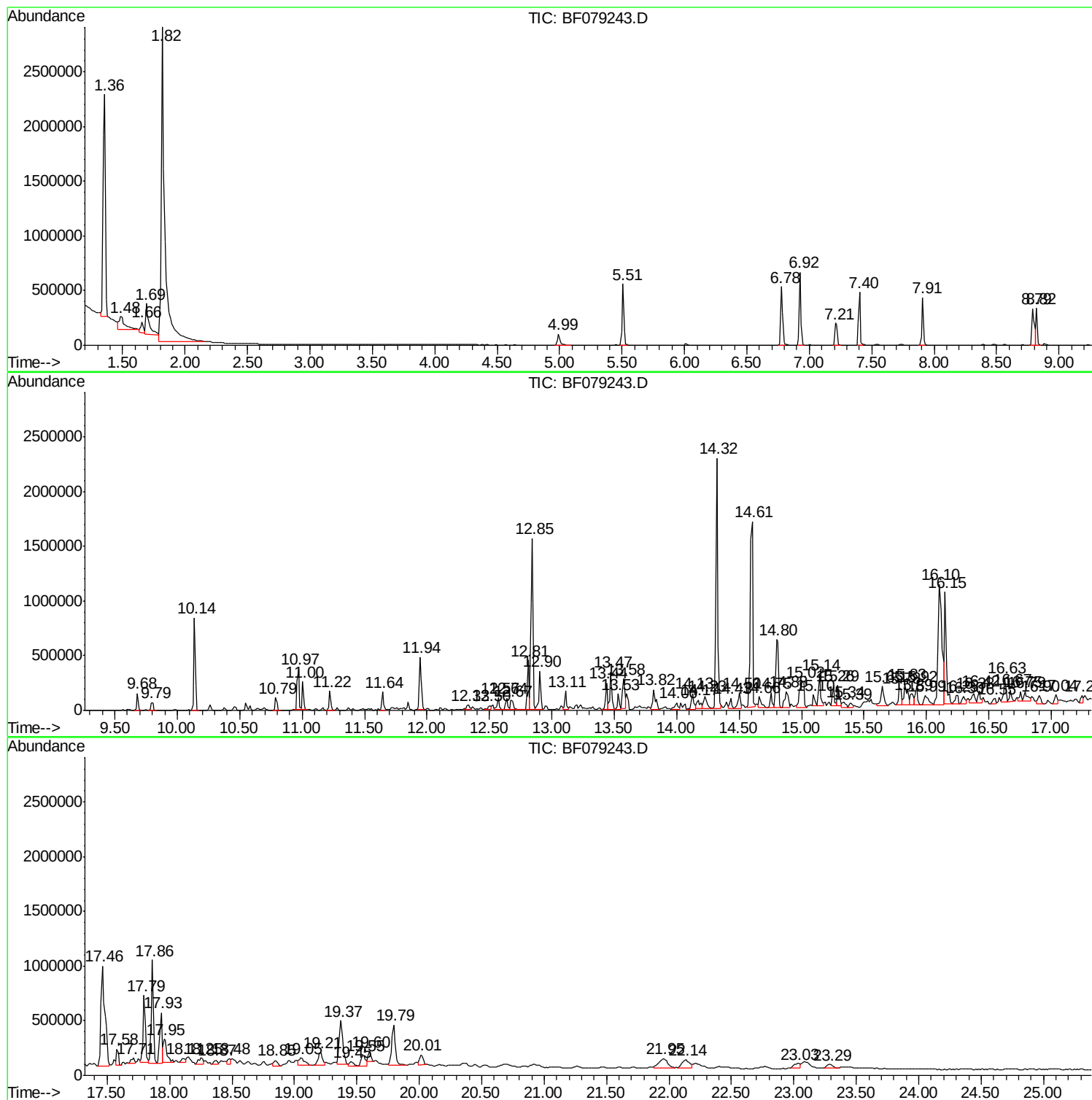
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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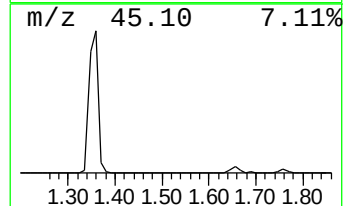
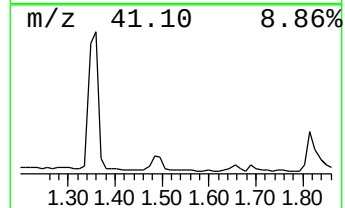
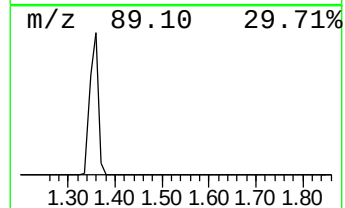
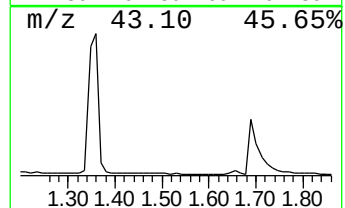
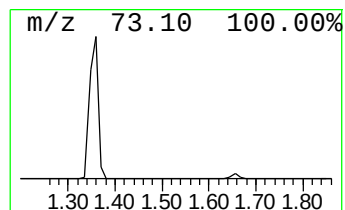
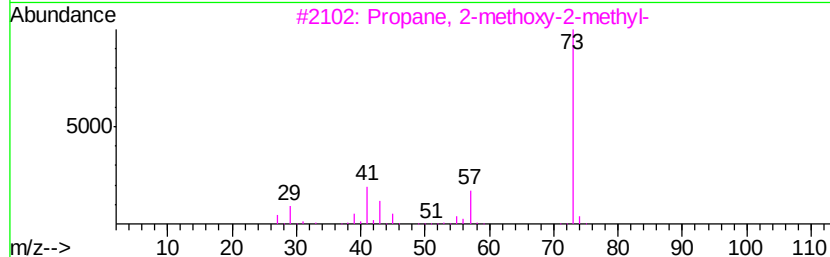
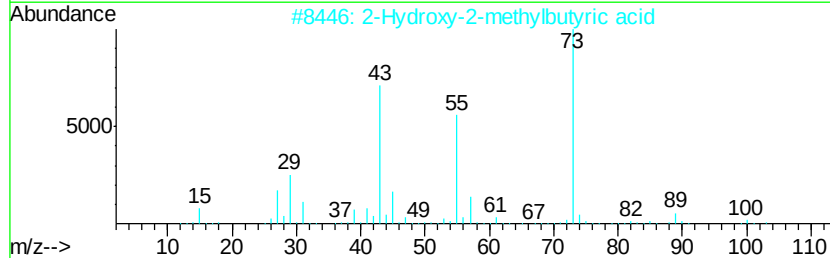
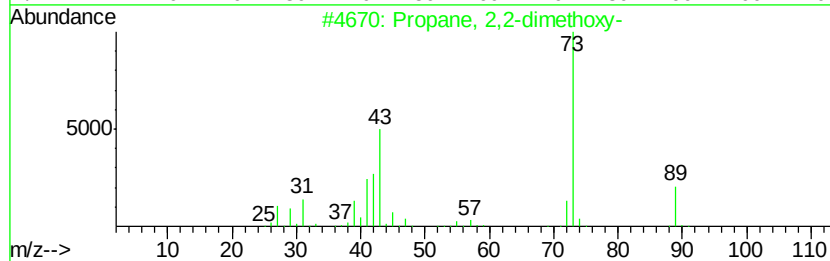
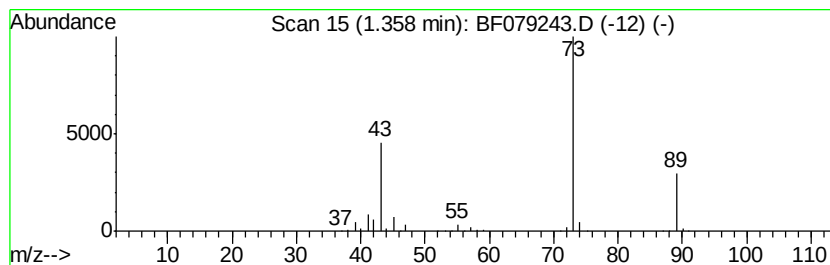
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown1.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	196.28 ng	2668620	1,4-Dichlorobenzene-d4	7.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
5		N-Ethylformamide	73	C3H7NO	000627-45-2	5



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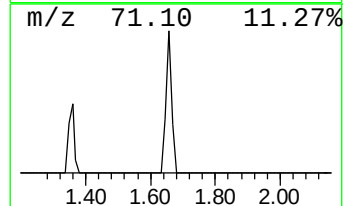
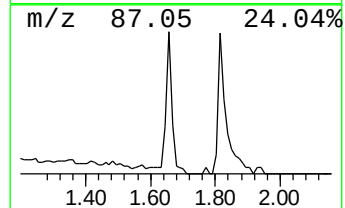
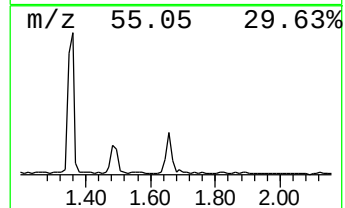
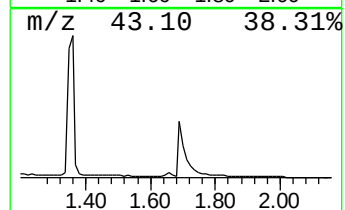
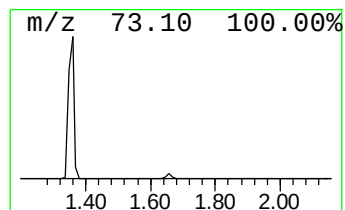
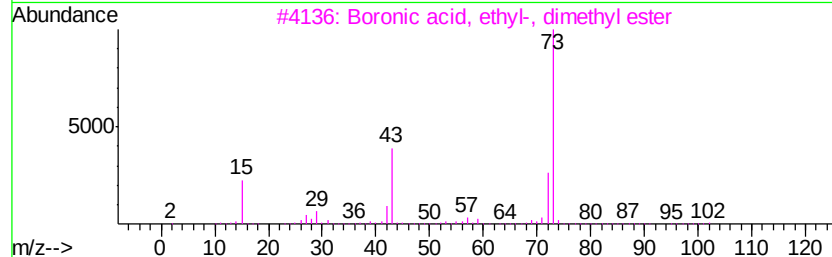
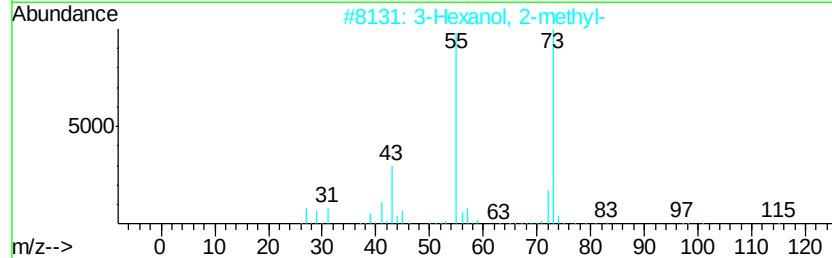
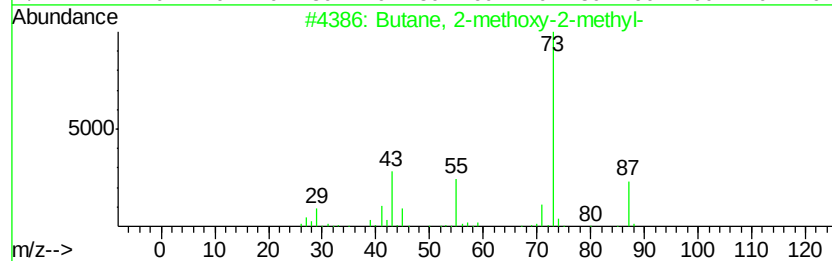
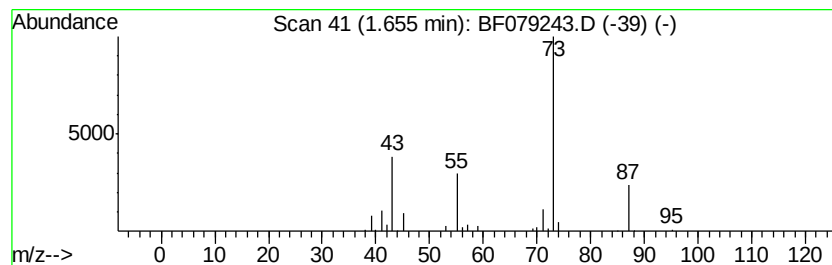
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.66	10.69 ng	145378	1,4-Dichlorobenzene-d4	7.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
3		Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	17
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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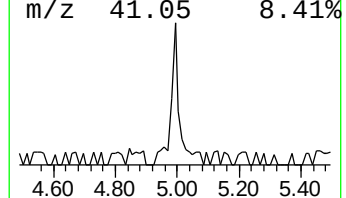
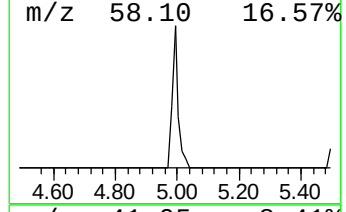
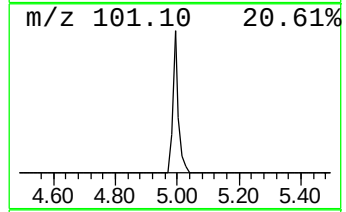
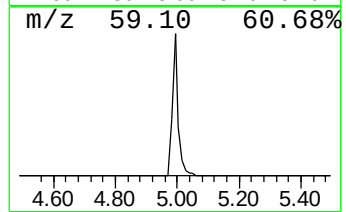
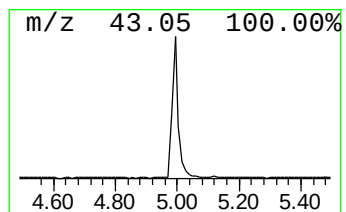
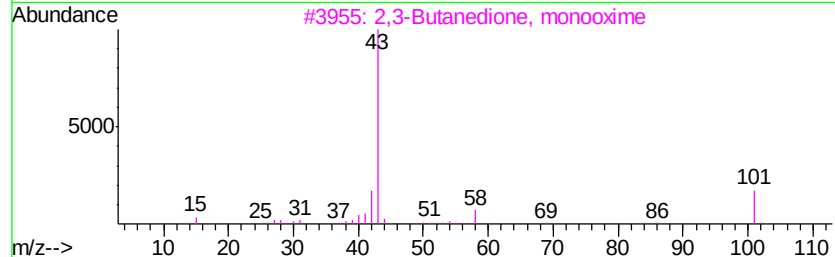
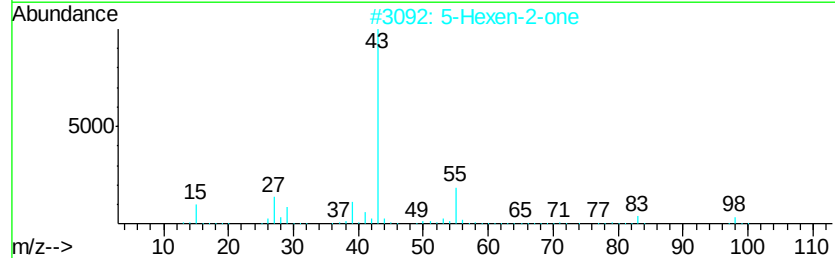
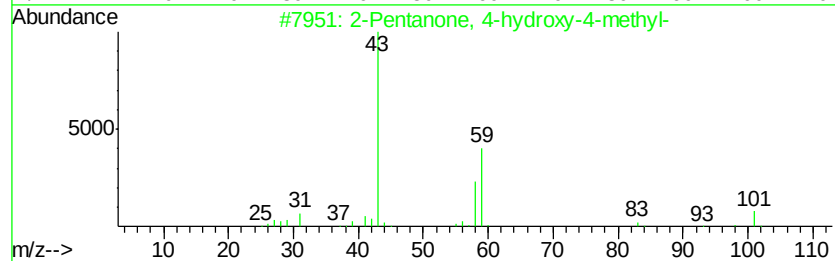
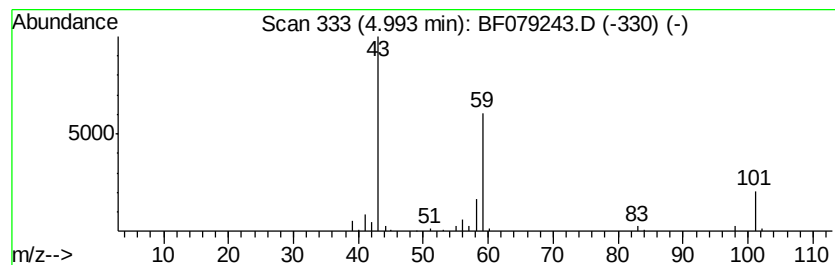
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	9.84 ng	133831	1,4-Dichlorobenzene-d4	7.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		5-Hexen-2-one	98	C6H10O	000109-49-9	9
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051415\
Data File : BF079243.D
Acq On : 14 May 2015 20:29
Operator : TP/IZ
Sample : G2246-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12

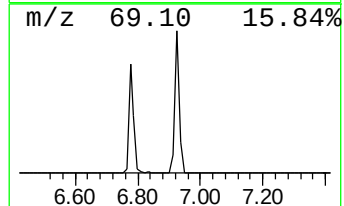
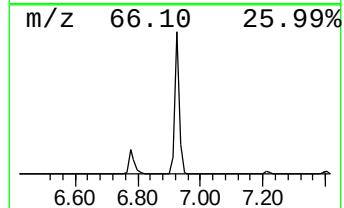
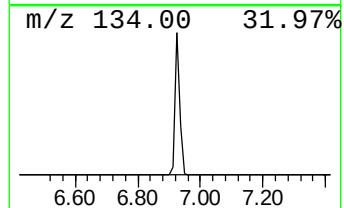
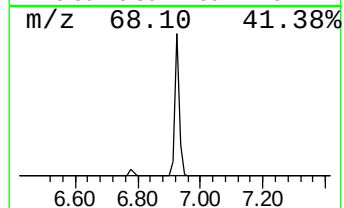
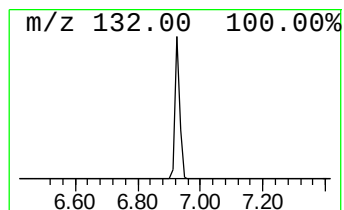
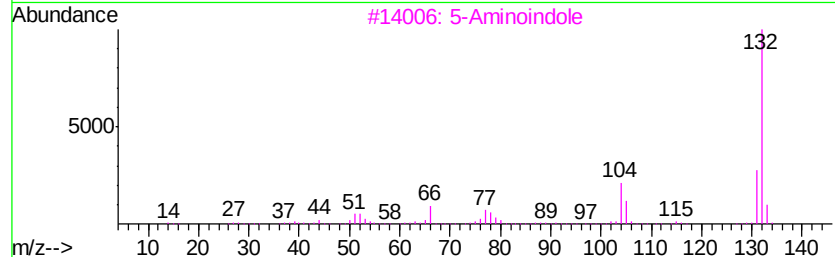
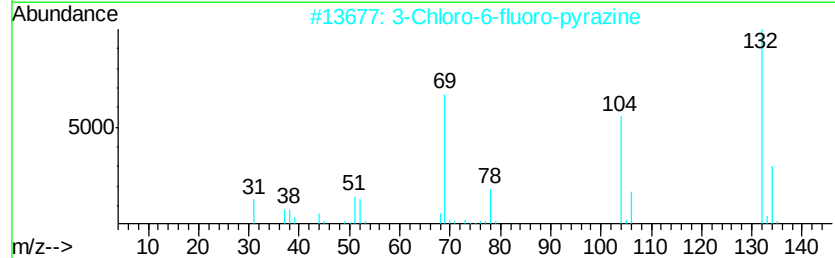
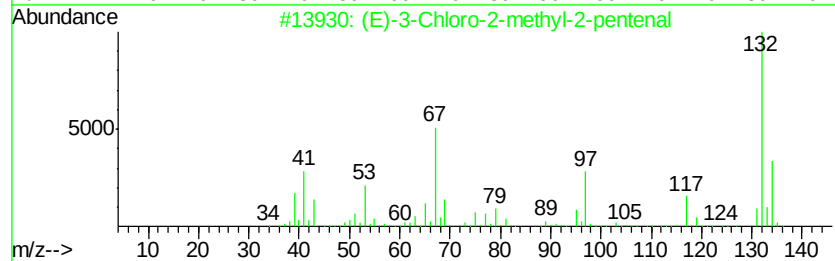
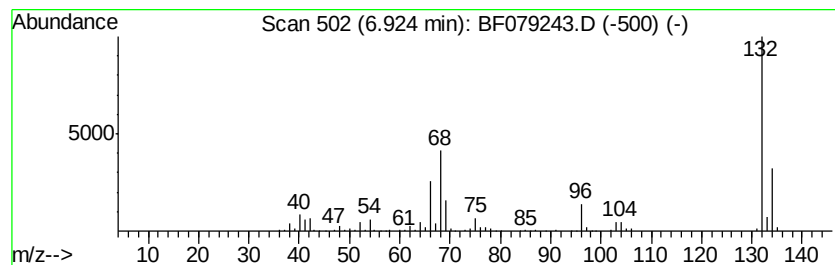
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.92 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	46.00 ng	625478	1,4-Dichlorobenzene-d4	7.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051415\
Data File : BF079243.D
Acq On : 14 May 2015 20:29
Operator : TP/IZ
Sample : G2246-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

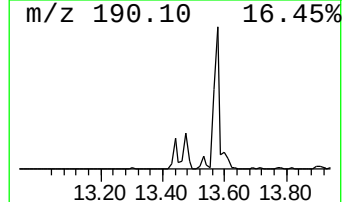
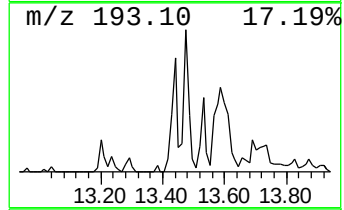
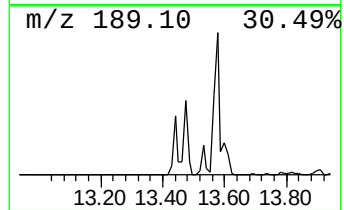
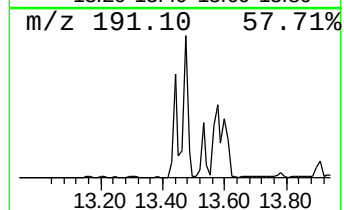
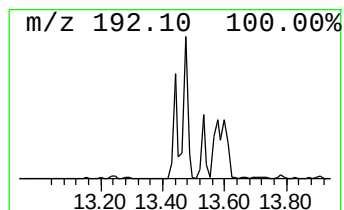
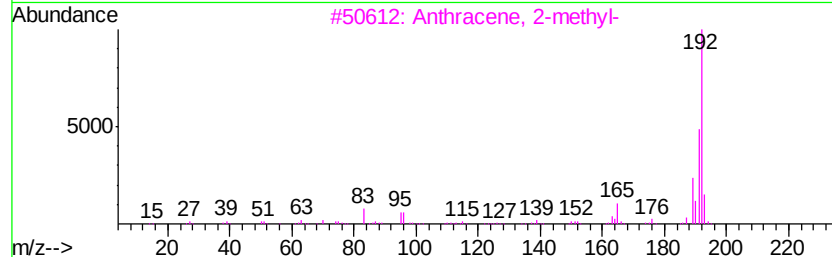
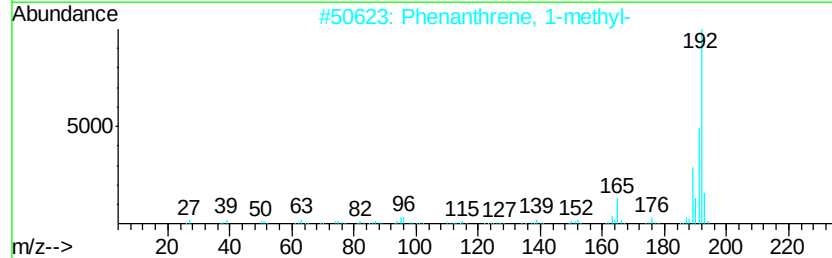
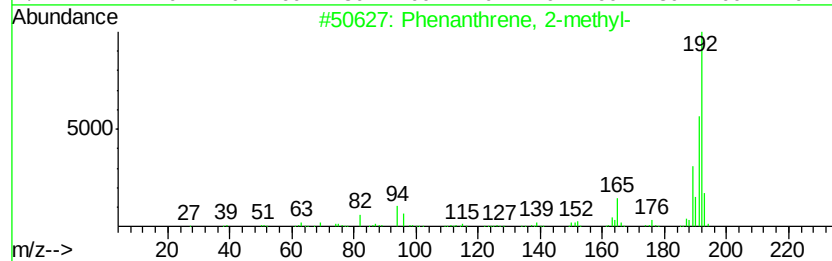
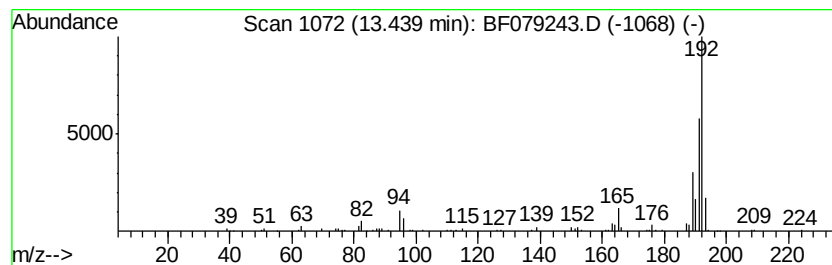
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.44	10.84 ng	248242	Phenanthrene-d10	12.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079243.D
Acq On : 14 May 2015 20:29
Operator : TP/IZ
Sample : G2246-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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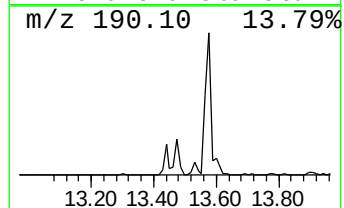
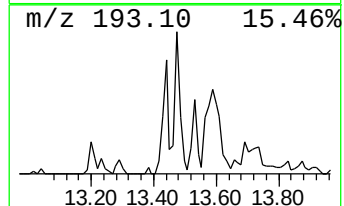
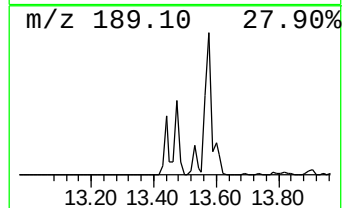
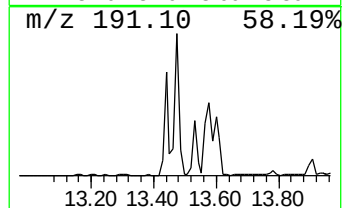
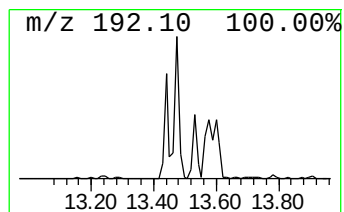
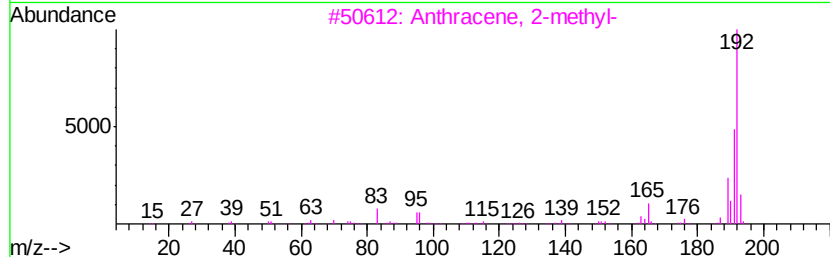
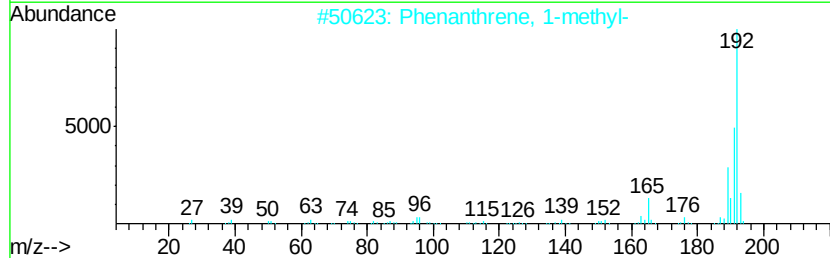
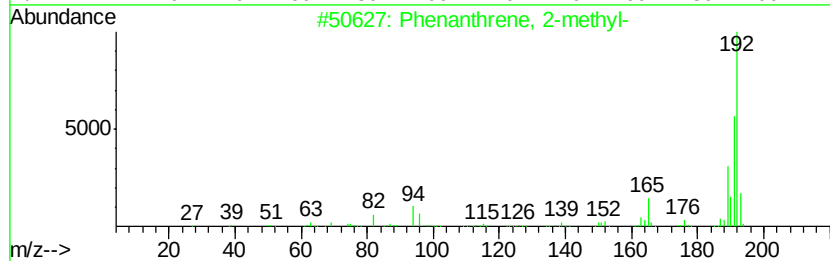
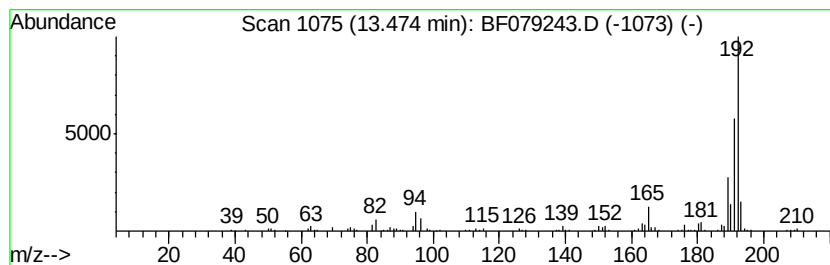
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	14.94 ng	342236	Phenanthrene-d10	12.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079243.D
Acq On : 14 May 2015 20:29
Operator : TP/IZ
Sample : G2246-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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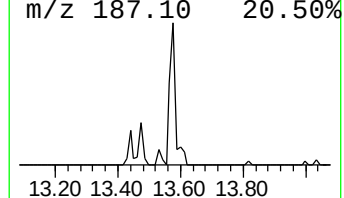
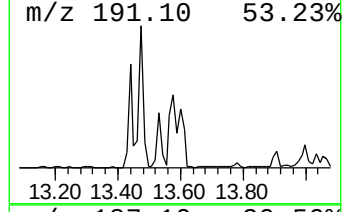
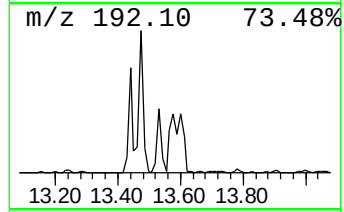
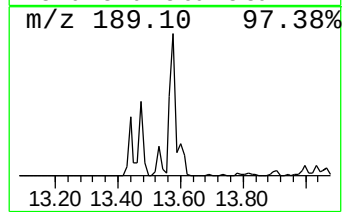
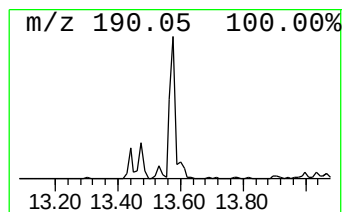
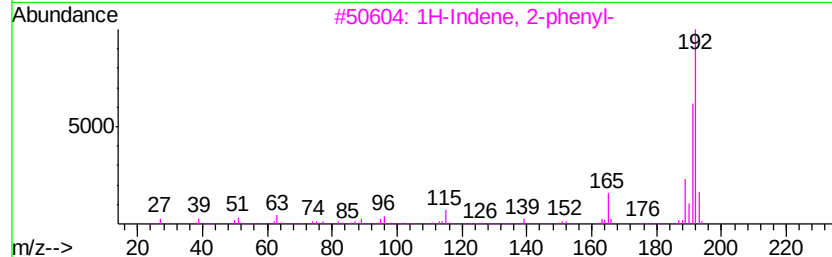
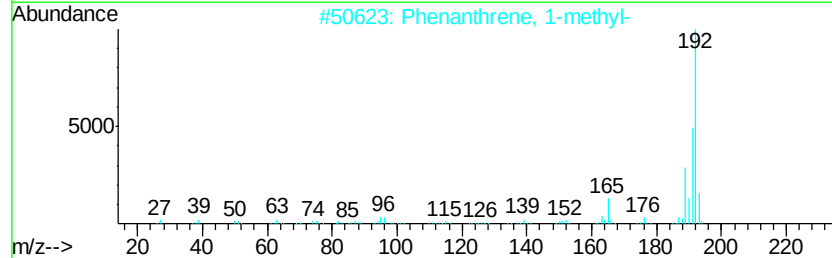
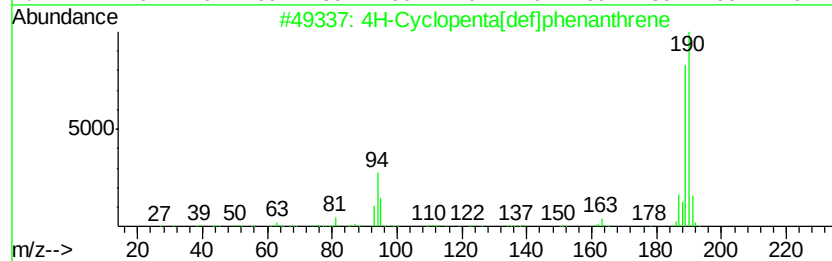
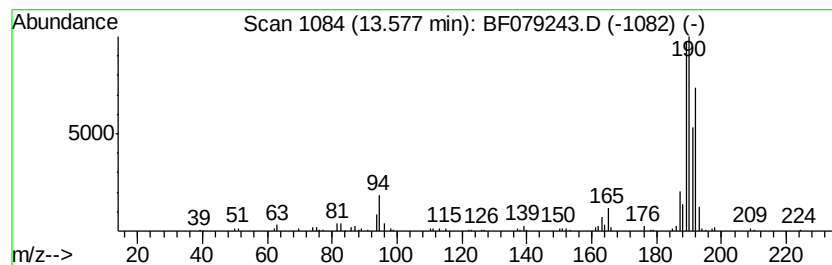
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	17.02 ng	389797	Phenanthrene-d10	12.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
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Sample : G2246-04 2X
Misc :
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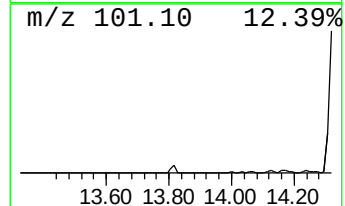
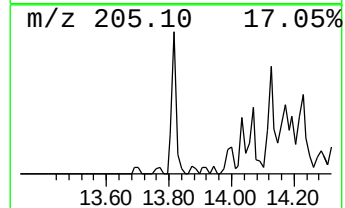
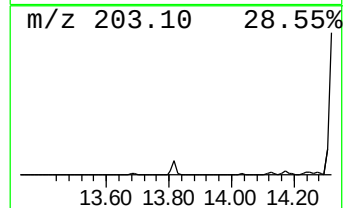
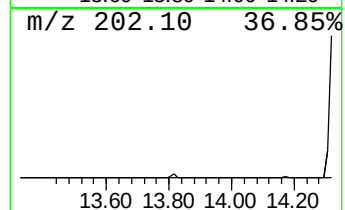
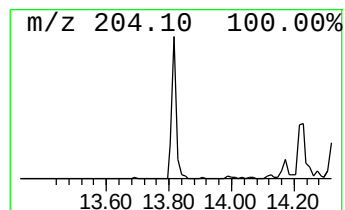
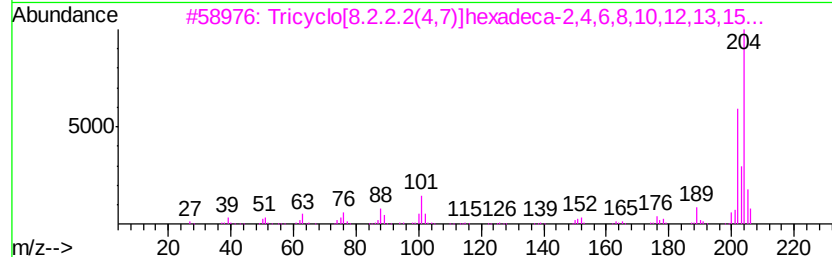
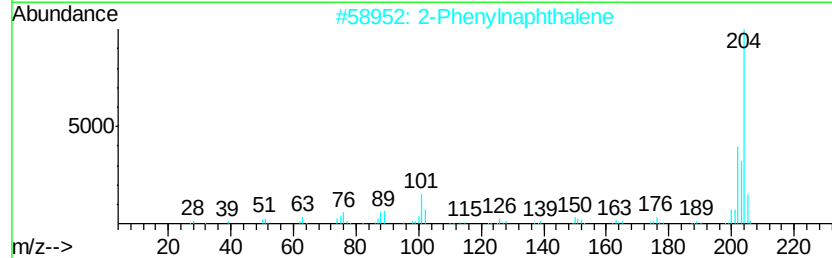
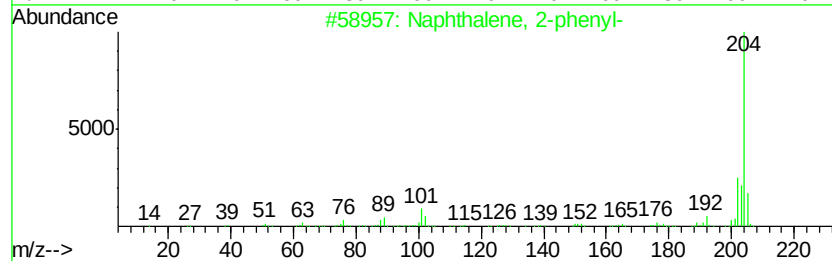
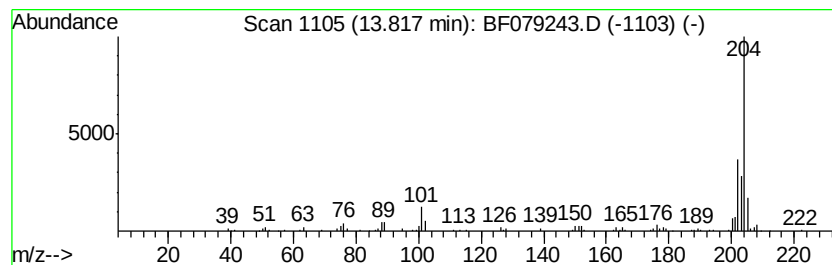
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.82	12.16 ng	278586	Phenanthrene-d10	12.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5	Pyrazol-5-ol, 3-(3,4-methylenedi...	204	C10H8N2O3	1000271-76-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051415\
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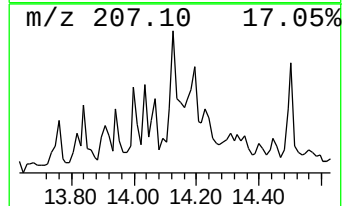
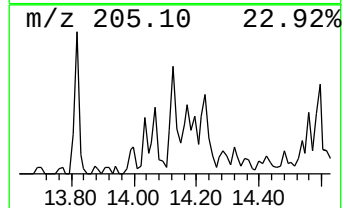
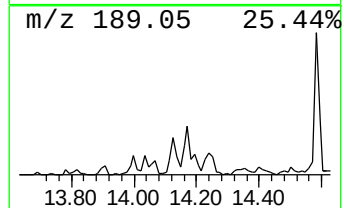
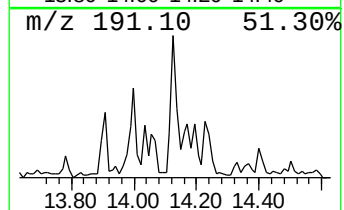
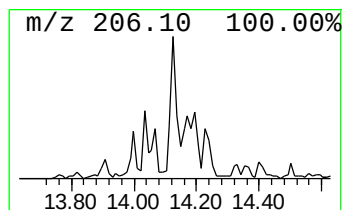
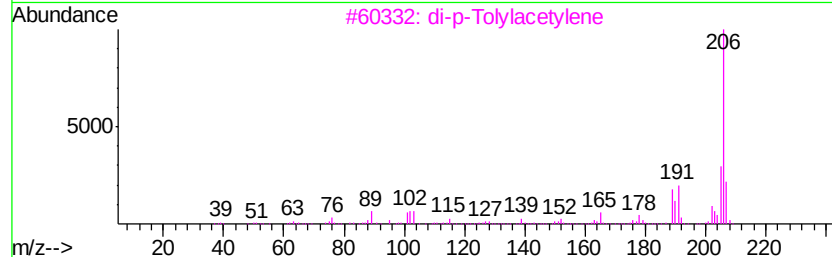
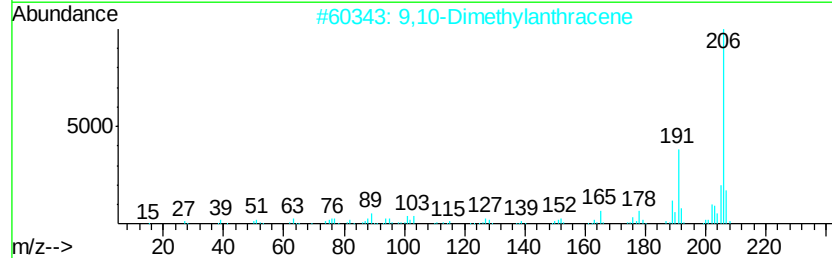
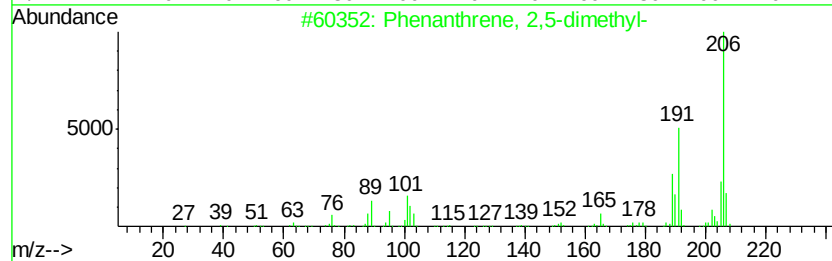
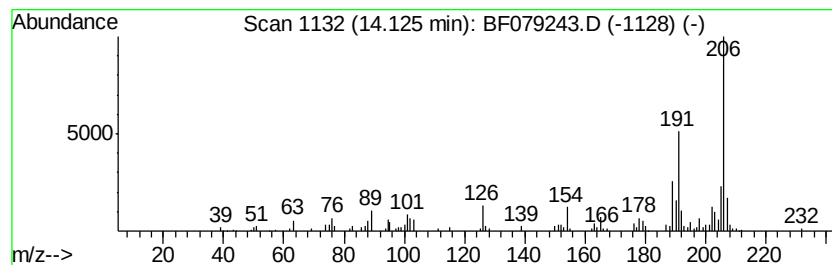
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	8.98 ng	205576	Phenanthrene-d10	12.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	95
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079243.D
Acq On : 14 May 2015 20:29
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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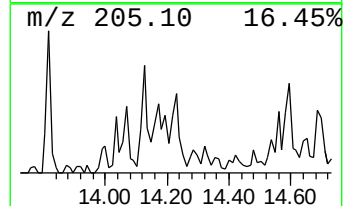
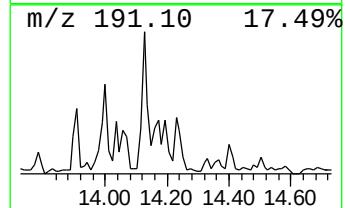
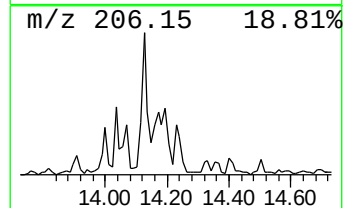
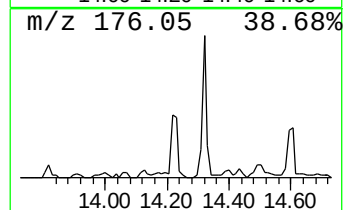
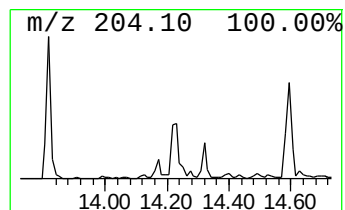
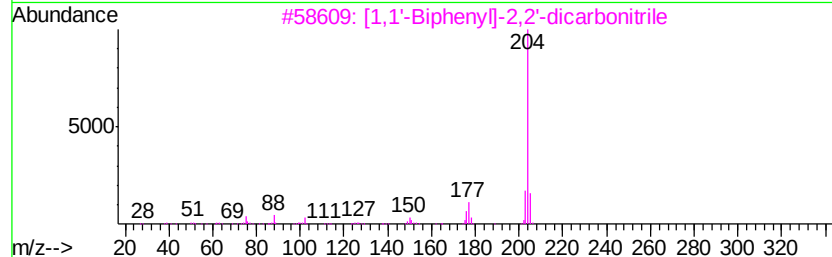
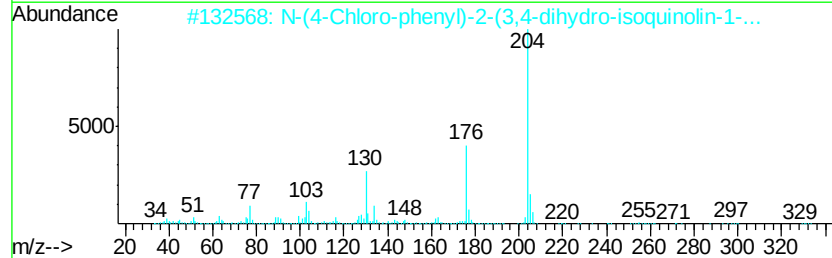
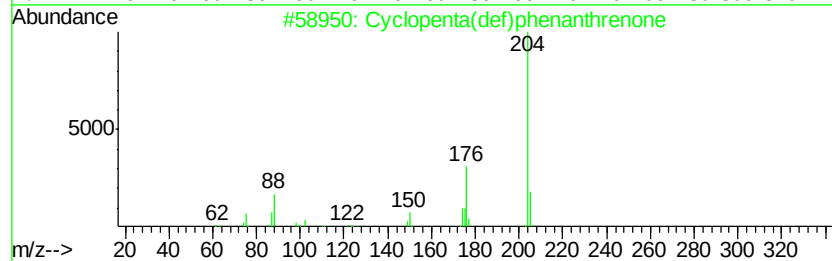
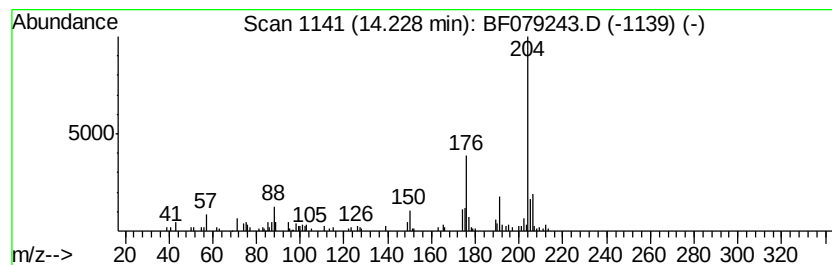
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	8.60 ng	197019	Phenanthrene-d10	12.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	53
3		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5		Propanedinitrile, 2,2'-(2,5-cycl...	204	C12H4N4	001518-16-7	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079243.D
Acq On : 14 May 2015 20:29
Operator : TP/IZ
Sample : G2246-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12

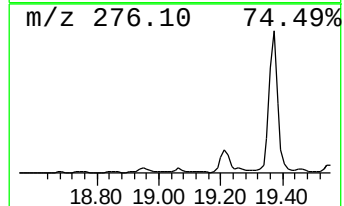
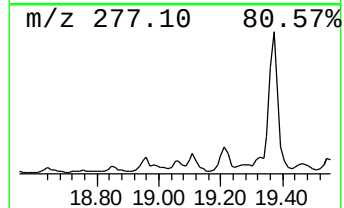
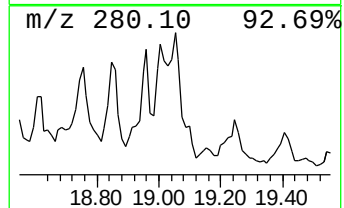
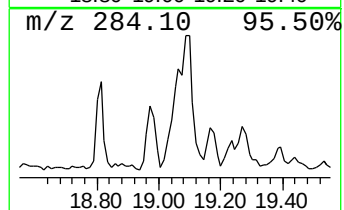
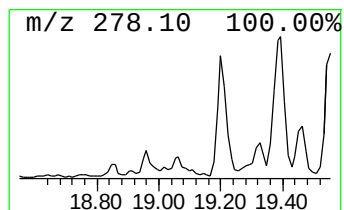
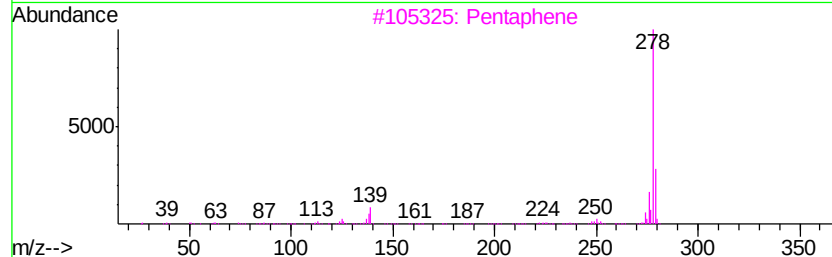
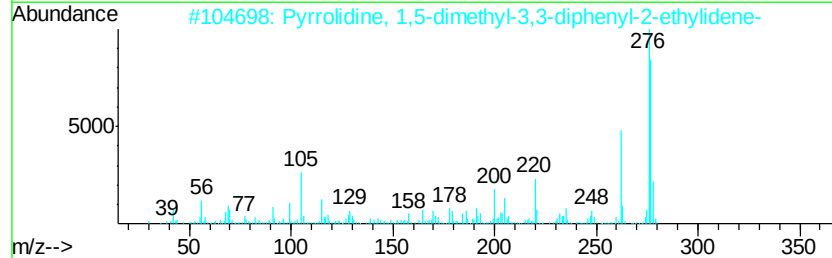
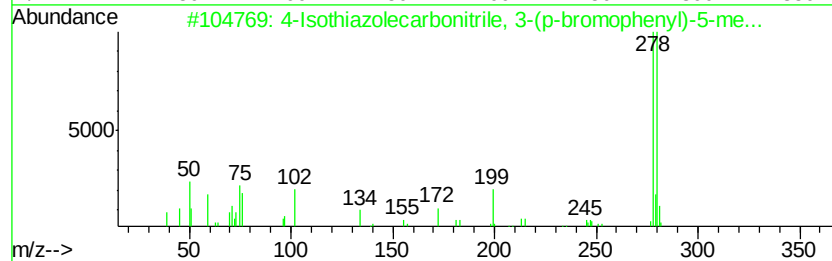
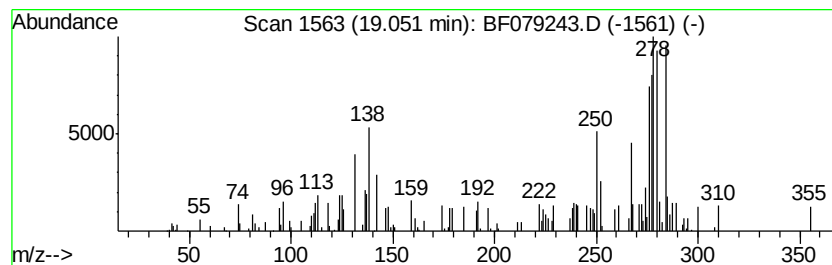
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown19.05 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	7.12 ng	209001	Perylene-d12	17.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Isothiazolecarbonitrile, 3-(p-...	278	C11H7BrN2S	019762-79-9	18
2		Pyrrolidine, 1,5-dimethyl-3,3-di...	277	C20H23N	030223-73-5	14
3		Pentaphene	278	C22H14	000222-93-5	11
4		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	11
5		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051415\
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Misc :
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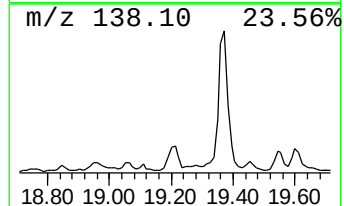
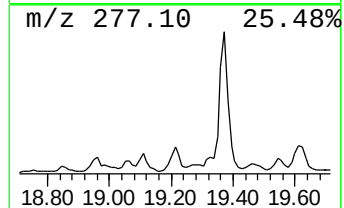
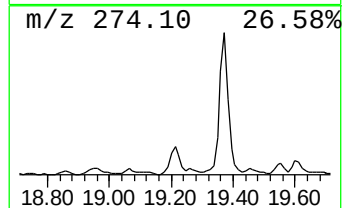
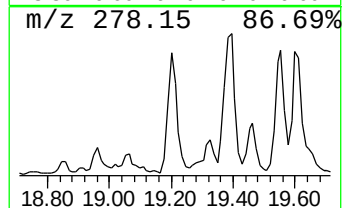
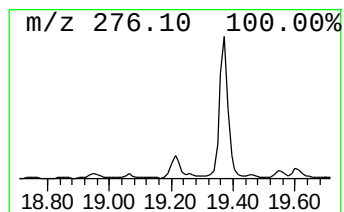
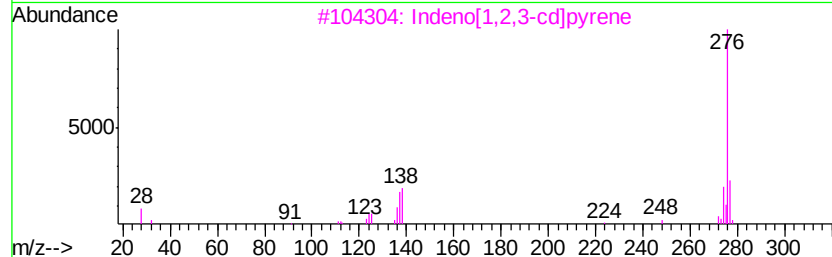
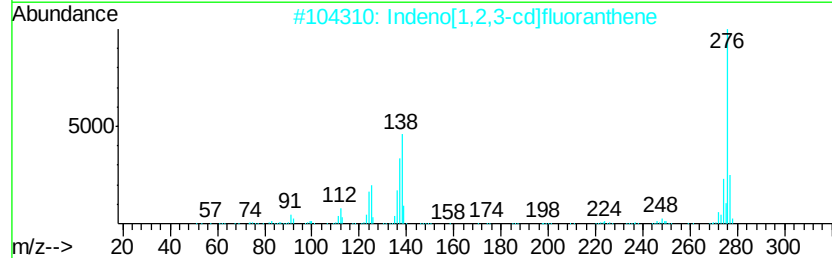
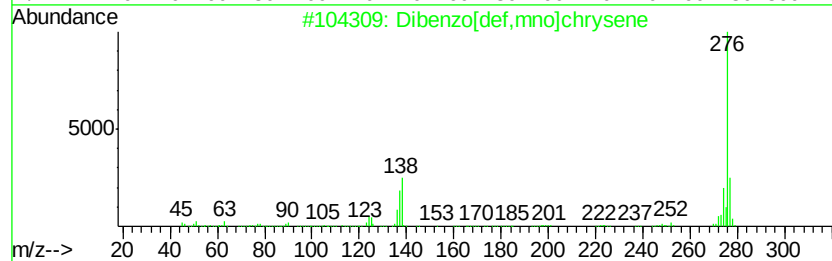
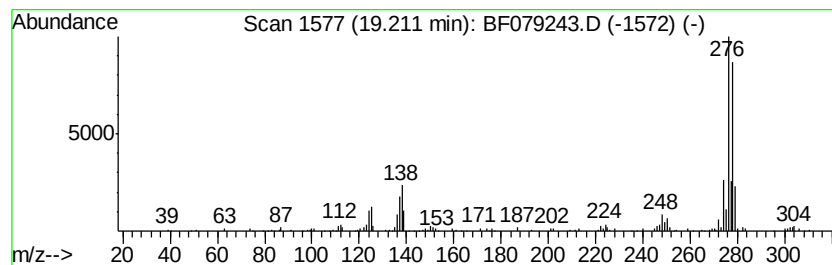
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dibenzo[def,mno]chrysene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	10.23 ng	300022	Perylene-d12	17.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	89
2		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	64
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	64
4		Benzo[ghi]perylene	276	C22H12	000191-24-2	50
5		Phenol, 2-(4-chlorophenyl)iminome...	276	C13H9ClN2O3	1000262-90-3	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079243.D
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Sample : G2246-04 2X
Misc :
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ClientSampleId :
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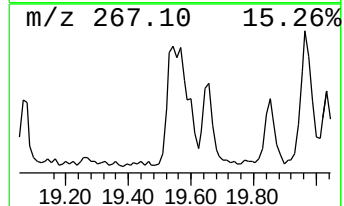
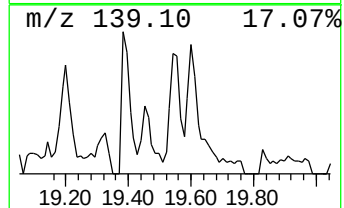
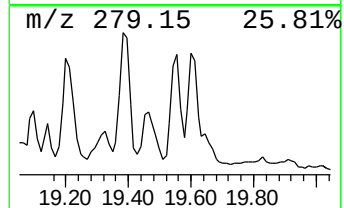
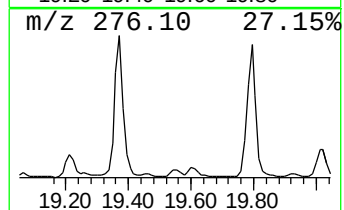
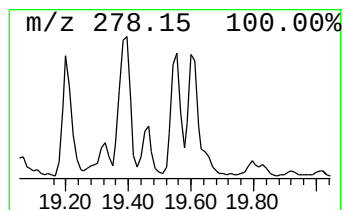
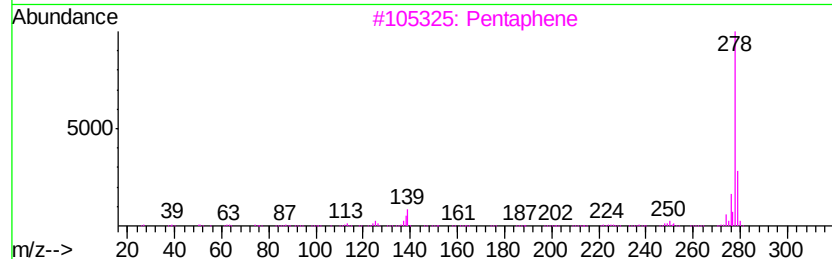
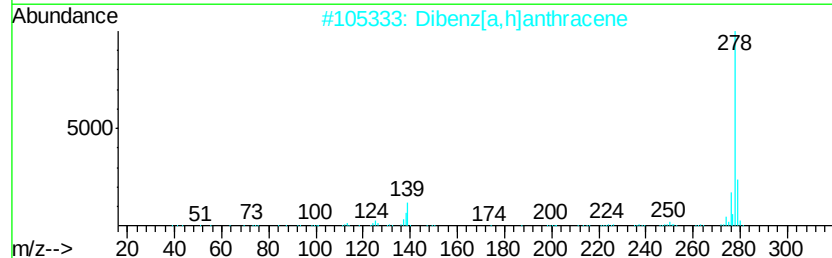
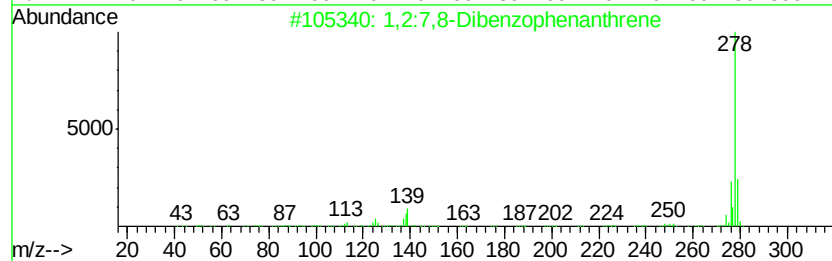
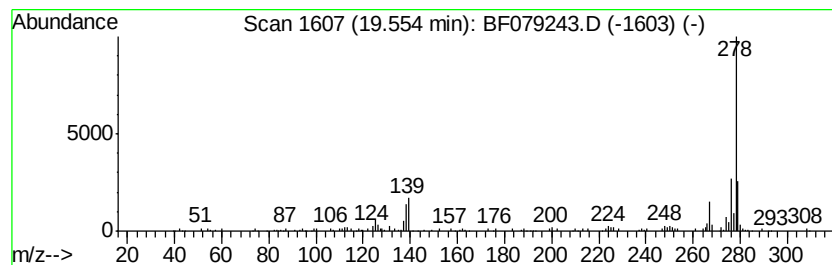
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,2:7,8-Dibenzophenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	7.80 ng	228685	Perylene-d12	17.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	97
2			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
3			Pentaphene	278	C22H14	000222-93-5	95
4			Benzo[b]chrysene	278	C22H14	000214-17-5	95
5			Benzo[b]triphenylene	278	C22H14	000215-58-7	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
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Sample : G2246-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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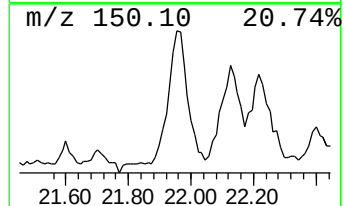
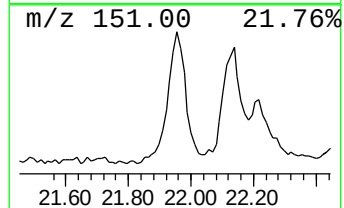
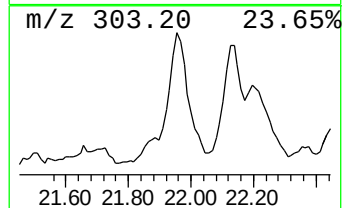
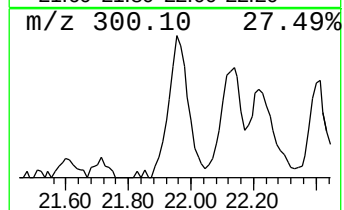
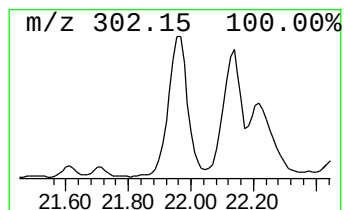
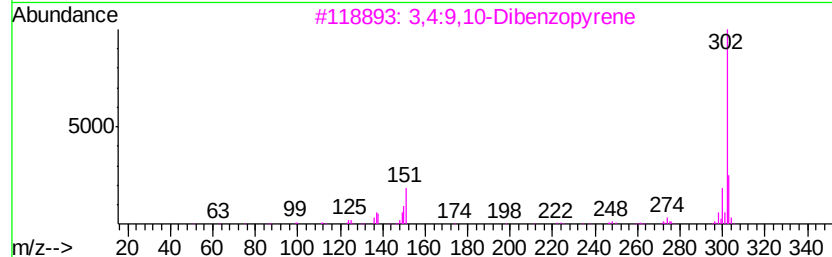
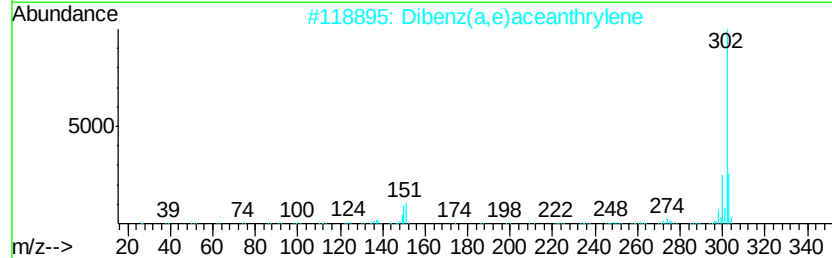
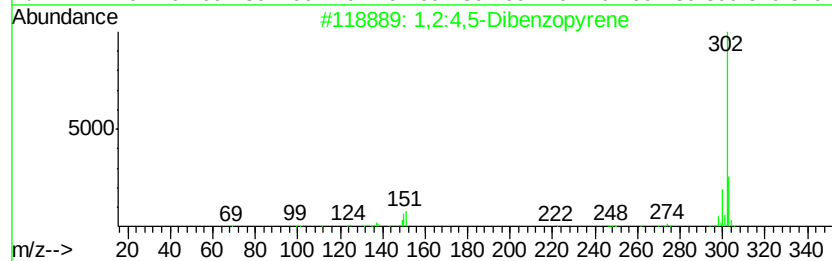
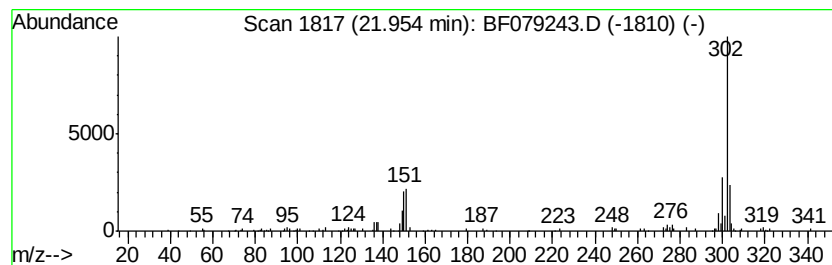
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,2:4,5-Dibenzopyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	13.05 ng	382785	Perylene-d12	17.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	98
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	98
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	94
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051415\
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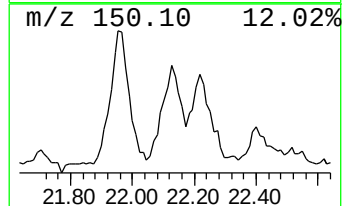
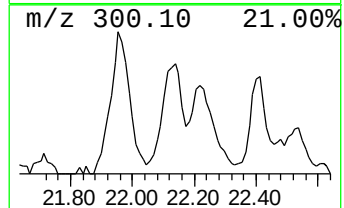
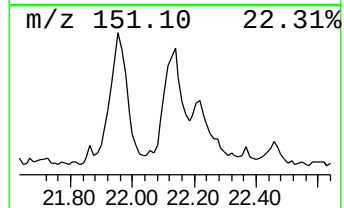
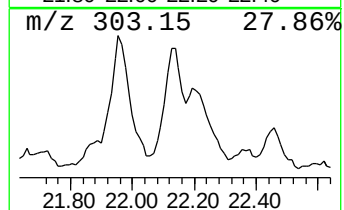
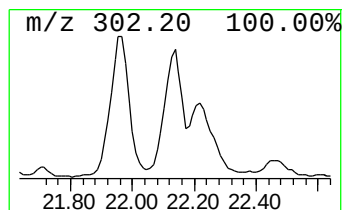
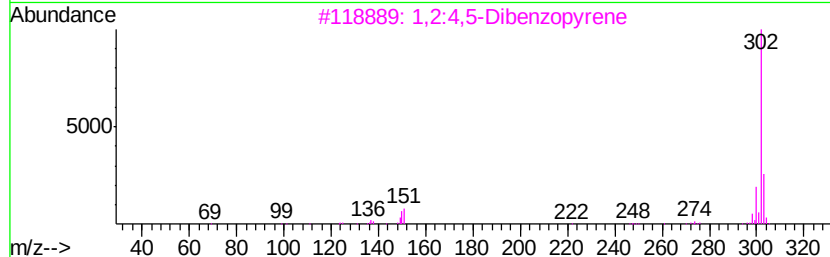
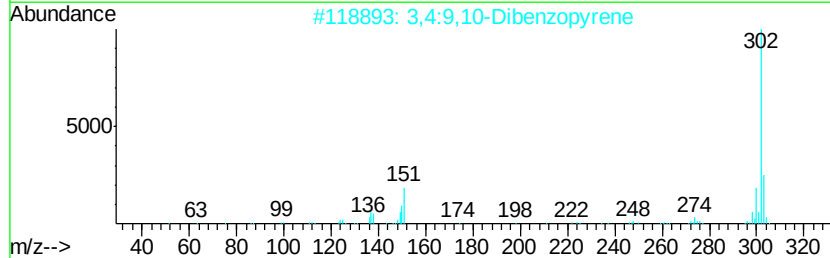
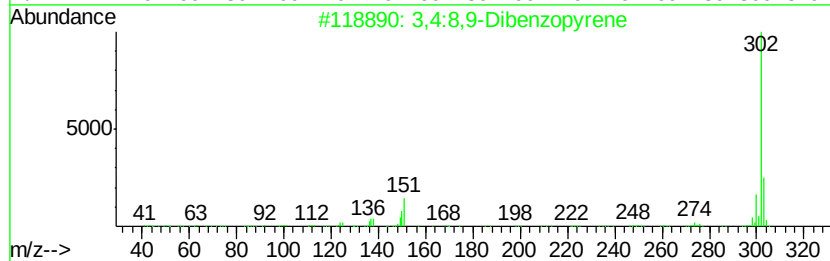
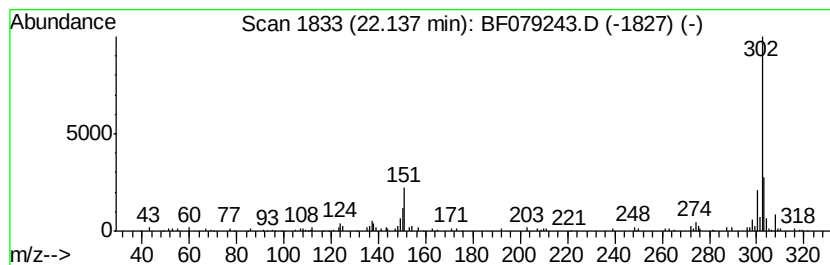
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.14	9.93 ng	291326	Perylene-d12	17.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	96
2			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	96
3			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
4			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	89
5			Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	76



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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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					#	RT	Resp	Conc
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Butane, 2-methoxy...	1.66	10.7	ng	145378	1	7.22	271926	20.0
2-Pentanone, 4-hy...	4.99	9.8	ng	133831	1	7.22	271926	20.0
unknown6.92	6.92	46.0	ng	625478	1	7.22	271926	20.0
Phenanthrene, 2-m...	13.44	10.8	ng	248242	4	12.81	458088	20.0
Phenanthrene, 1-m...	13.47	14.9	ng	342236	4	12.81	458088	20.0
4H-Cyclopenta[def...	13.58	17.0	ng	389797	4	12.81	458088	20.0
Naphthalene, 2-ph...	13.82	12.2	ng	278586	4	12.81	458088	20.0
Phenanthrene, 2,5...	14.13	9.0	ng	205576	4	12.81	458088	20.0
Cyclopenta(def)ph...	14.23	8.6	ng	197019	4	12.81	458088	20.0
unknown19.05	19.05	7.1	ng	209001	6	17.93	586728	20.0
Dibenzo[def,mno]c...	19.21	10.2	ng	300022	6	17.93	586728	20.0
1,2:7,8-Dibenzoph...	19.55	7.8	ng	228685	6	17.93	586728	20.0
1,2:4,5-Dibenzopy...	21.95	13.1	ng	382785	6	17.93	586728	20.0
3,4:8,9-Dibenzopy...	22.14	9.9	ng	291326	6	17.93	586728	20.0