

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090910.D
 Acq On : 28 Oct 2016 16:04
 Operator : UM/SJ
 Sample : H5422-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-COMP

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-BF102616.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	2.190	7	9	37	rVB	135918	475514	2.84%	0.199%
2	4.921	245	248	256	rBV	683247	969423	5.78%	0.406%
3	5.356	283	286	289	rBV	3551552	3754555	22.39%	1.572%
4	6.407	375	378	380	rBV	3585621	4070150	24.27%	1.704%
5	6.533	386	389	391	rBV	3994330	4323479	25.78%	1.810%
6	6.761	407	409	411	rBV	973387	879587	5.25%	0.368%
7	6.922	420	423	424	rBV	2987835	3282328	19.57%	1.374%
8	7.333	456	459	461	rBV	2312008	2613797	15.59%	1.094%
9	8.076	520	524	526	rBV2	4605594	5614806	33.48%	2.350%
10	8.122	526	528	531	rVB	215589	221613	1.32%	0.093%
11	8.407	551	553	555	rBV	297273	329814	1.97%	0.138%
12	8.762	582	584	587	rVV	2003603	2111499	12.59%	0.884%
13	8.865	591	593	595	rVB	1893900	1670209	9.96%	0.699%
14	9.127	614	616	619	rVB	3863587	3716997	22.17%	1.556%
15	9.230	620	625	627	rBV	836455	1034260	6.17%	0.433%
16	9.322	631	633	636	rVB	550189	569938	3.40%	0.239%
17	9.390	636	639	642	rBV	746449	1054533	6.29%	0.441%
18	9.470	643	646	647	rBV	942787	1384431	8.26%	0.580%
19	9.527	649	651	653	rVB	826136	813207	4.85%	0.340%
20	9.585	653	656	658	rBV2	633414	967734	5.77%	0.405%
21	9.665	661	663	665	rBV2	612995	649562	3.87%	0.272%
22	9.722	665	668	669	rVB2	352235	608982	3.63%	0.255%
23	9.756	669	671	672	rBV2	167842	237648	1.42%	0.099%
24	9.802	672	675	677	rBV2	1226255	2043671	12.19%	0.855%
25	9.848	677	679	680	rVB	3580652	4755396	28.36%	1.991%
26	9.870	680	681	683	rVB	361762	303628	1.81%	0.127%
27	9.916	683	685	687	rBV	355221	512621	3.06%	0.215%
28	9.962	687	689	691	rBV	504639	570102	3.40%	0.239%
29	10.008	691	693	695	rBV	2712122	3688555	22.00%	1.544%
30	10.053	695	697	698	rVB	229870	238977	1.43%	0.100%
31	10.145	701	705	707	rBV4	524812	1471827	8.78%	0.616%
32	10.213	709	711	713	rBV	867652	958861	5.72%	0.401%
33	10.362	721	724	726	rBV	3374363	4396678	26.22%	1.840%
34	10.419	726	729	730	rVV	698188	1042361	6.22%	0.436%

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35	10.442	730	731	732	rVV	903290	649327	3.87%	0.272%
36	10.488	732	735	736	rVV2	557044	921479	5.50%	0.386%
37	10.510	736	737	740	rVV	1292977	1112527	6.63%	0.466%
38	10.602	742	745	747	rVV	2660272	3748547	22.36%	1.569%
39	10.636	747	748	751	rVV2	348172	520091	3.10%	0.218%
40	10.716	754	755	759	rVB2	532995	762550	4.55%	0.319%
41	10.899	768	771	773	rBV2	759399	1431462	8.54%	0.599%
42	11.036	780	783	786	rBV3	479903	1410156	8.41%	0.590%
43	11.105	786	789	791	rVB	1147882	1449868	8.65%	0.607%
44	11.151	791	793	794	rBV	676252	814920	4.86%	0.341%
45	11.185	794	796	801	rVB	1755066	2423911	14.46%	1.015%
46	11.333	803	809	811	rBV	6583236	16768126	100.00%	7.019%
47	11.379	811	813	818	rVB	4798234	6017441	35.89%	2.519%
48	11.528	823	826	830	rBV	2846961	3616443	21.57%	1.514%
49	11.596	830	832	833	rVV2	366705	500731	2.99%	0.210%
50	11.631	833	835	837	rVB3	344533	440029	2.62%	0.184%
51	11.802	847	850	851	rBV	2021346	2691554	16.05%	1.127%
52	11.825	851	852	854	rVV	2936308	2676198	15.96%	1.120%
53	11.871	854	856	858	rVV	1245237	1378784	8.22%	0.577%
54	11.916	858	860	864	rVB2	2920083	5191459	30.96%	2.173%
55	11.973	864	865	866	rBV	301089	312933	1.87%	0.131%
56	12.088	874	875	877	rBV	1066148	1656763	9.88%	0.694%
57	12.122	877	878	880	rVB	1392124	1008076	6.01%	0.422%
58	12.236	886	888	890	rBV	391939	550655	3.28%	0.231%
59	12.351	895	898	899	rBV	842831	1158923	6.91%	0.485%
60	12.385	899	901	904	rVV4	597432	1060889	6.33%	0.444%
61	12.442	904	906	909	rVB	828980	1134083	6.76%	0.475%
62	12.522	909	913	915	rBV	6162457	13185355	78.63%	5.519%
63	12.579	915	918	920	rVB2	368266	518081	3.09%	0.217%
64	12.659	923	925	927	rBV	1210798	1232483	7.35%	0.516%
65	12.751	930	933	935	rVV2	5669186	12613836	75.23%	5.280%
66	12.785	935	936	940	rVB2	785271	1049895	6.26%	0.439%
67	12.888	940	945	948	rBV3	3049140	5366977	32.01%	2.247%
68	12.956	948	951	955	rBV3	1045618	2536407	15.13%	1.062%
69	13.071	957	961	963	rVB	2151462	3019733	18.01%	1.264%
70	13.139	963	967	968	rBV	1265734	1766730	10.54%	0.740%
71	13.174	968	970	972	rVV	1685079	2103435	12.54%	0.880%

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72	13.265	976	978	979	rVB	791639	661108	3.94%	0.277%
73	13.299	979	981	985	rBV2	601887	1081357	6.45%	0.453%
74	13.574	1003	1005	1009	rVB	849865	1293448	7.71%	0.541%
75	13.688	1012	1015	1016	rBV	1394871	1803603	10.76%	0.755%
76	13.711	1016	1017	1019	rVV	1096637	1928989	11.50%	0.807%
77	13.791	1022	1024	1027	rVB	1378554	1652845	9.86%	0.692%
78	13.939	1034	1037	1039	rBV2	4218218	9593895	57.22%	4.016%
79	13.985	1039	1041	1044	rVB	4326536	5900819	35.19%	2.470%
80	14.054	1045	1047	1049	rVB	1229837	1159191	6.91%	0.485%
81	14.294	1066	1068	1069	rBV	472816	494163	2.95%	0.207%
82	14.328	1069	1071	1073	rVB	1049611	1241446	7.40%	0.520%
83	14.454	1081	1082	1085	rVB2	763568	1126784	6.72%	0.472%
84	14.637	1096	1098	1103	rVB4	567043	1084746	6.47%	0.454%
85	14.979	1124	1128	1132	rBV	3871839	11223218	66.93%	4.698%
86	15.071	1134	1136	1137	rBV	1165740	1133636	6.76%	0.475%
87	15.254	1149	1152	1155	rVV	2303264	4278345	25.51%	1.791%
88	15.322	1155	1158	1160	rVB	3919389	6359692	37.93%	2.662%
89	15.368	1160	1162	1163	rBV	799781	1135839	6.77%	0.475%
90	15.402	1163	1165	1168	rVB	1840216	2526039	15.06%	1.057%
91	16.008	1215	1218	1225	rVB3	542584	1564379	9.33%	0.655%
92	16.408	1250	1253	1261	rVB5	597934	1753965	10.46%	0.734%
93	16.557	1263	1266	1275	rVB3	356110	1555652	9.28%	0.651%
94	16.751	1278	1283	1285	rVB	1872907	4278717	25.52%	1.791%
95	16.797	1285	1287	1291	rVB	279542	523780	3.12%	0.219%
96	16.888	1292	1295	1297	rBV	464787	921016	5.49%	0.386%
97	16.945	1297	1300	1303	rVB2	374171	621167	3.70%	0.260%
98	17.151	1313	1318	1324	rBV	1471125	3919258	23.37%	1.641%
99	17.357	1333	1336	1345	rVB2	400530	1037236	6.19%	0.434%
100	19.208	1496	1498	1505	rVB	317815	902637	5.38%	0.378%

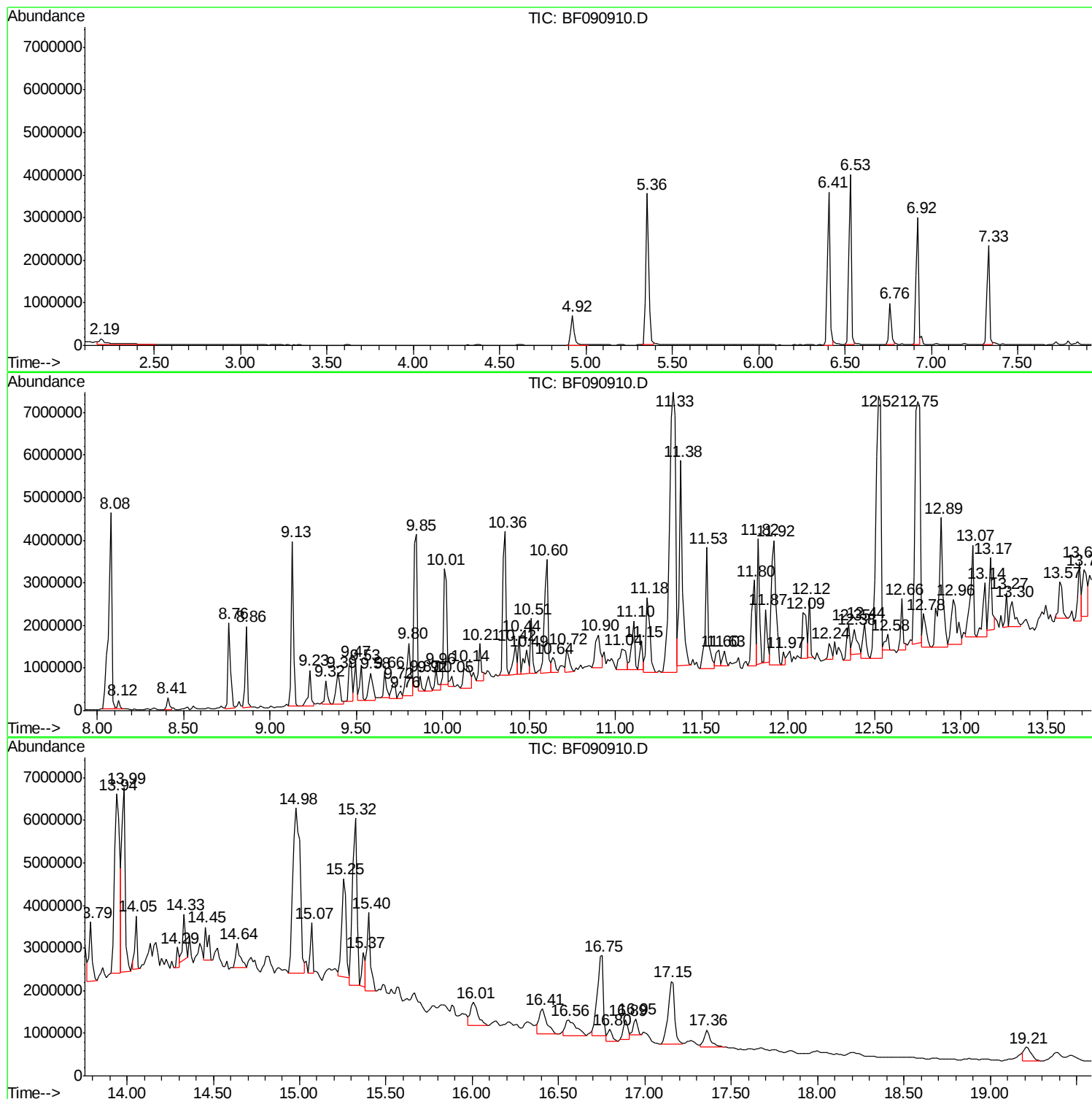
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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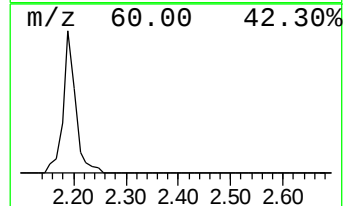
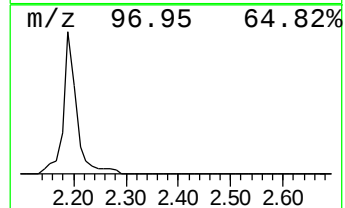
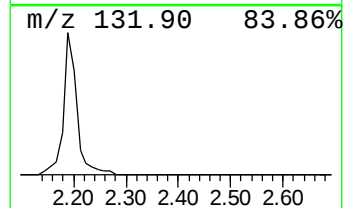
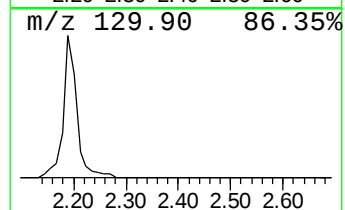
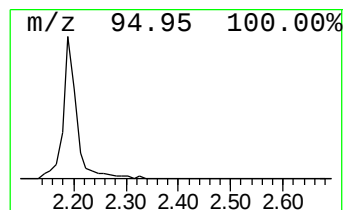
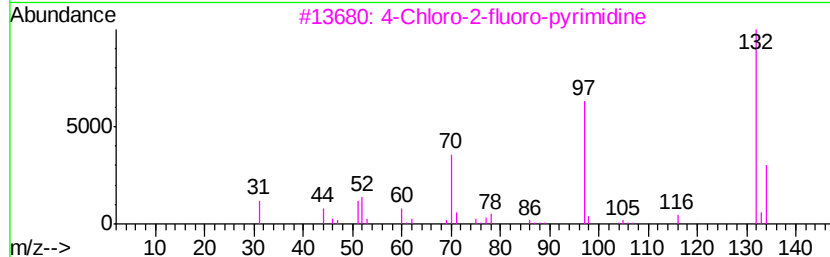
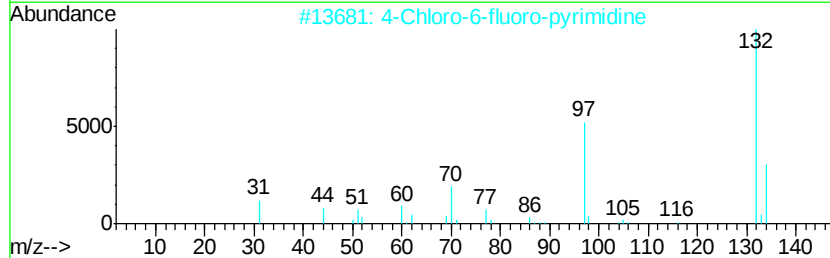
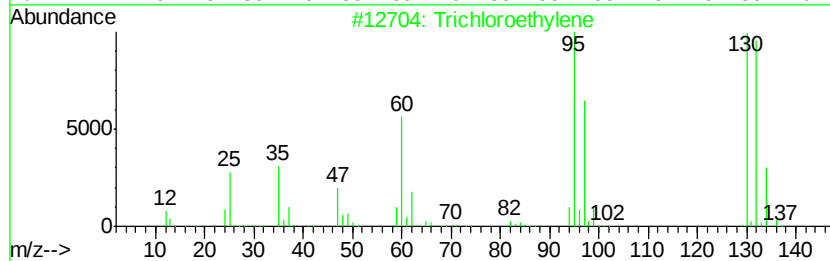
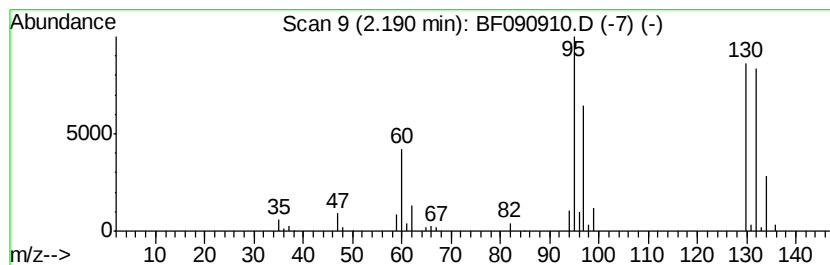
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Trichloroethylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	10.81 ng	475514	1,4-Dichlorobenzene-d4	6.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroethylene	130	C2HCl3	000079-01-6	94
2			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	22
3			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	22
4			1H-1,2,4-Triazol-3-amine, 5-(met...	130	C3H6N4S	045534-08-5	14
5			5-Fluorouracil	130	C4H3FN2O2	000051-21-8	10



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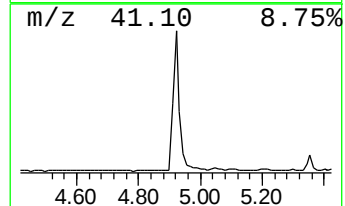
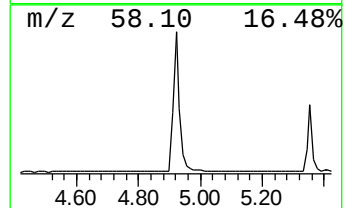
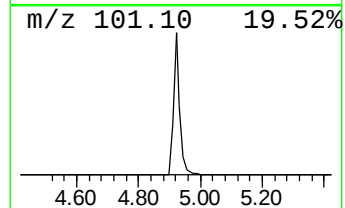
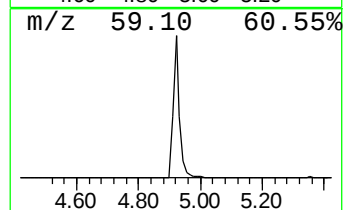
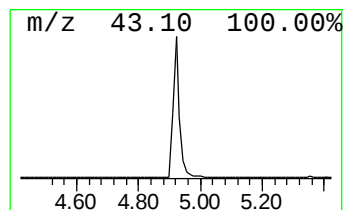
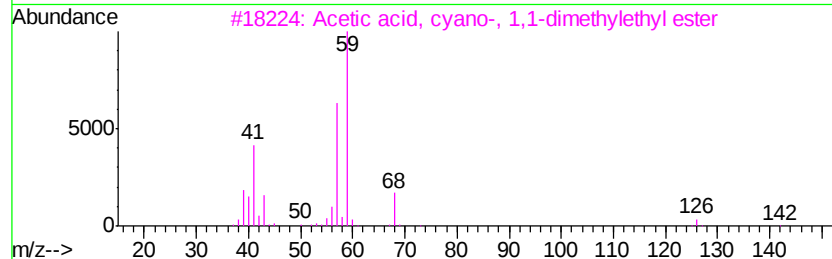
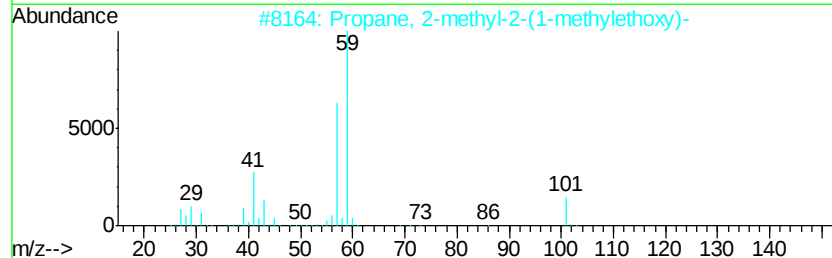
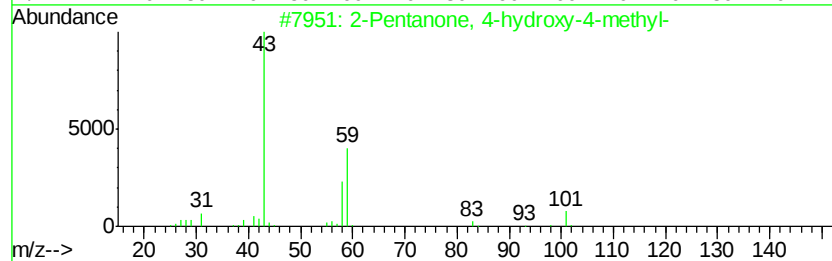
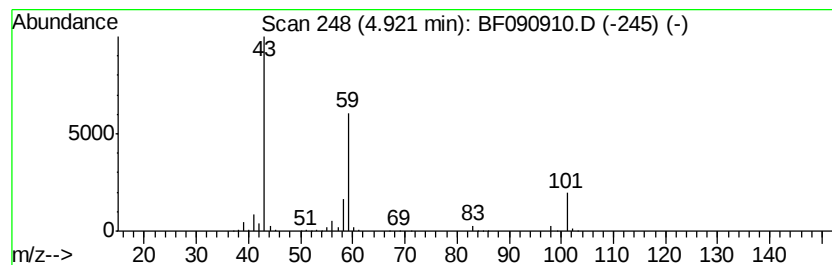
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	22.04 ng	969423	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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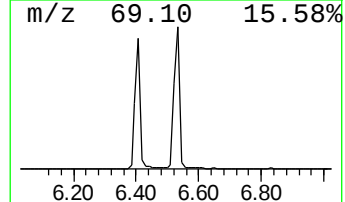
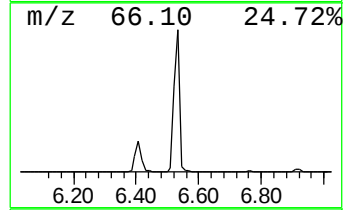
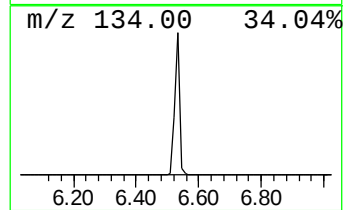
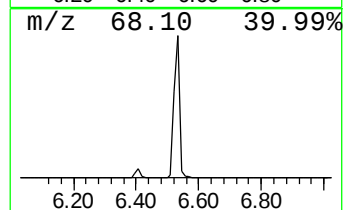
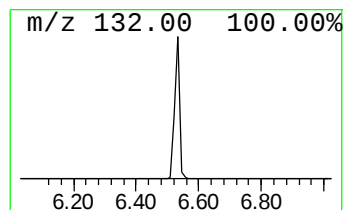
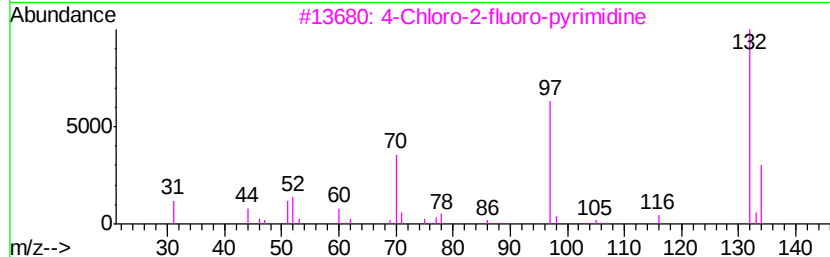
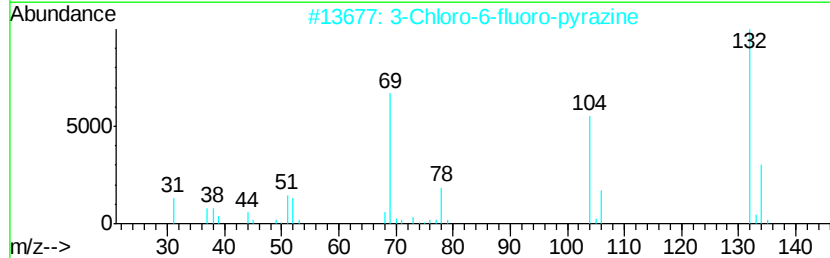
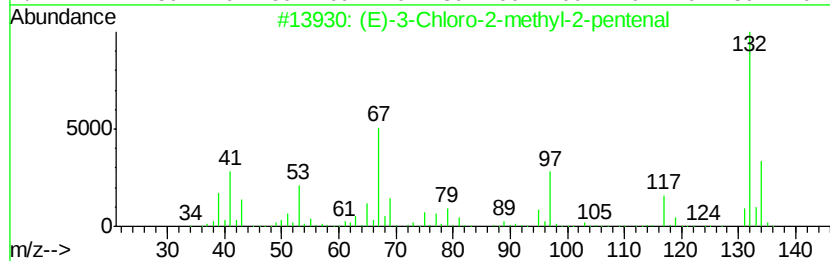
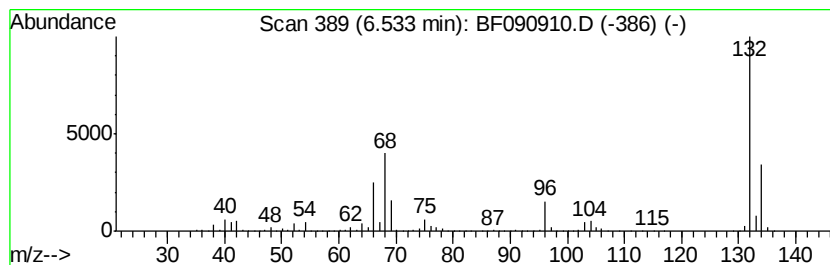
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	98.31 ng	4323480	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090910.D
Acq On : 28 Oct 2016 16:04
Operator : UM/SJ
Sample : H5422-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2-COMP

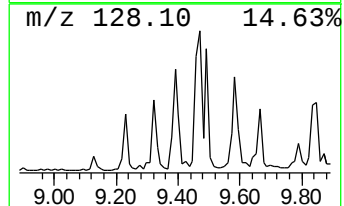
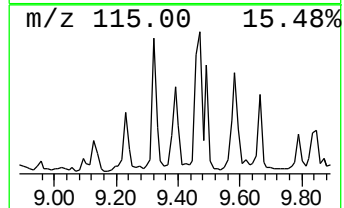
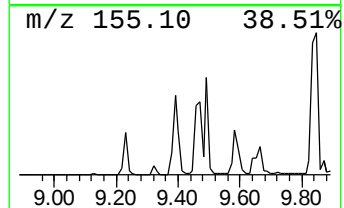
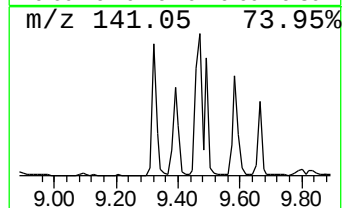
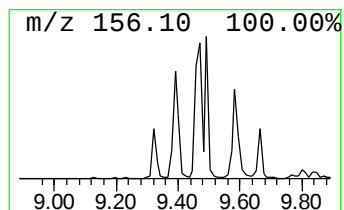
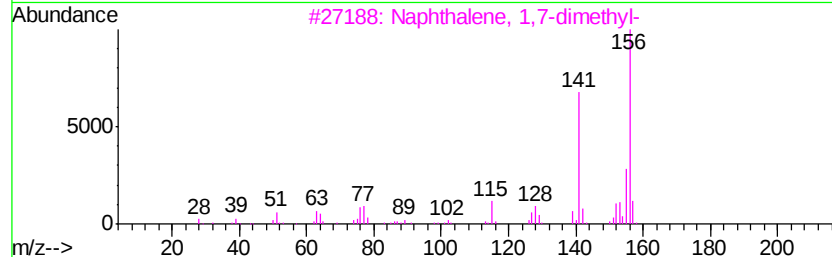
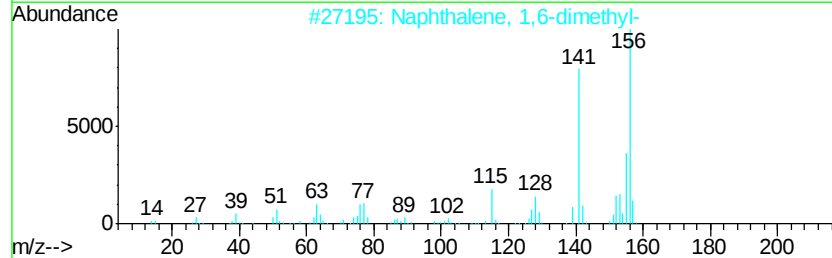
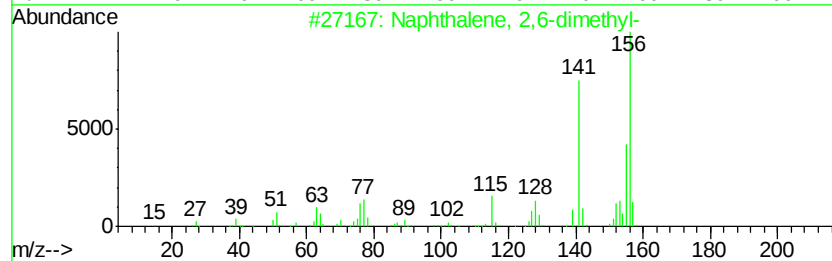
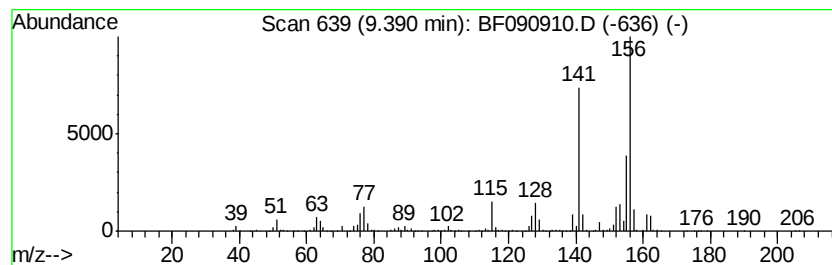
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	10.32 ng	1054530	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090910.D
Acq On : 28 Oct 2016 16:04
Operator : UM/SJ
Sample : H5422-05
Misc :
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ClientSampleId :
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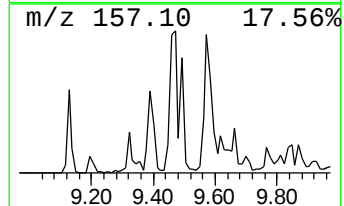
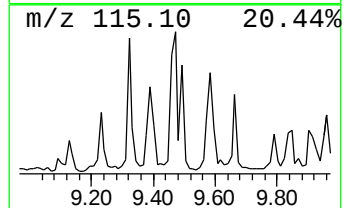
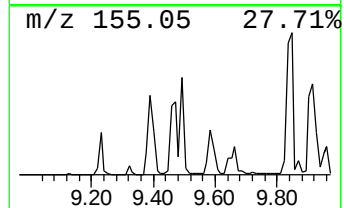
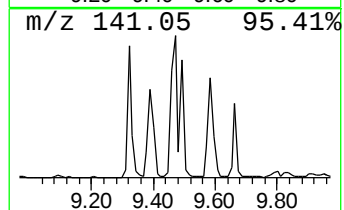
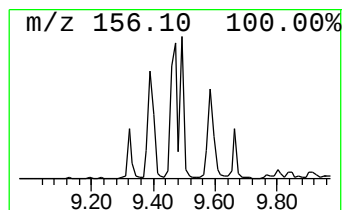
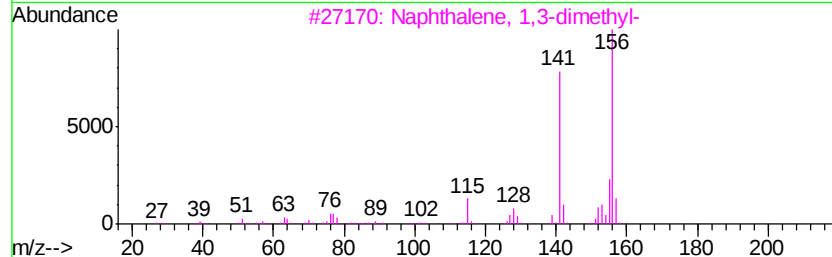
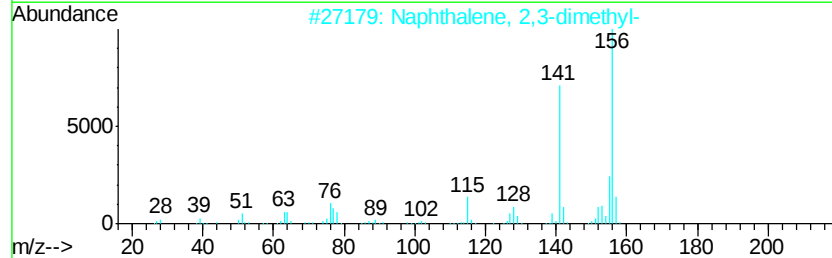
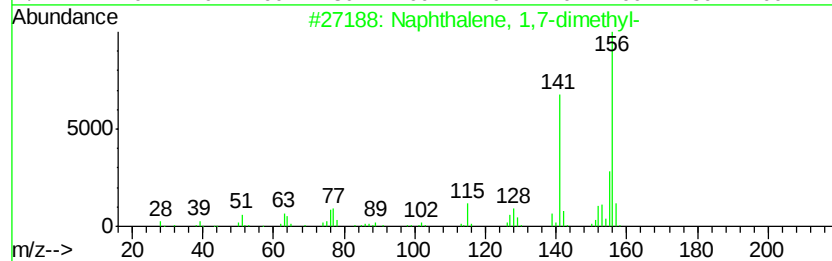
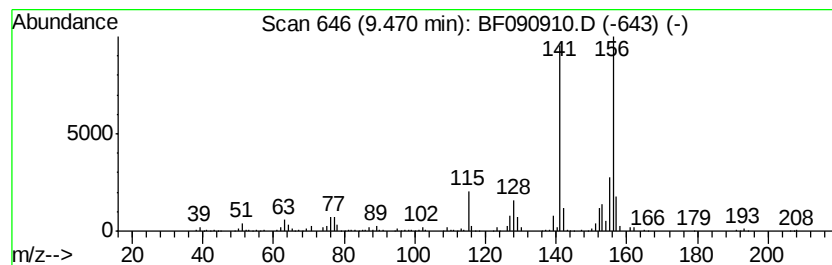
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	13.55 ng	1384430	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090910.D
Acq On : 28 Oct 2016 16:04
Operator : UM/SJ
Sample : H5422-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2-COMP

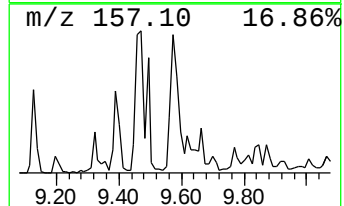
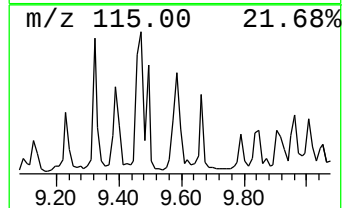
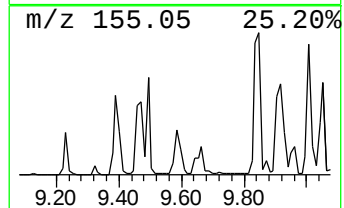
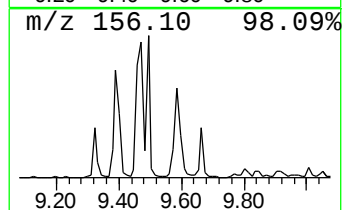
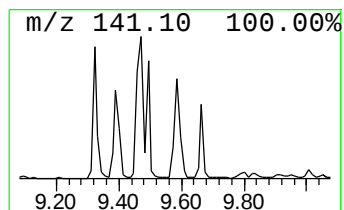
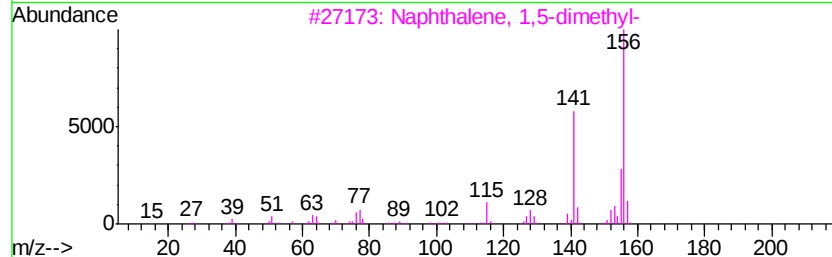
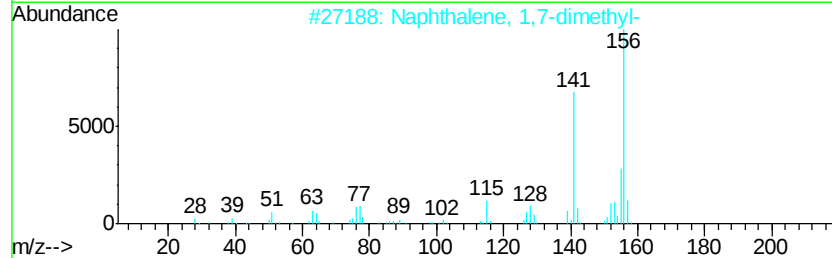
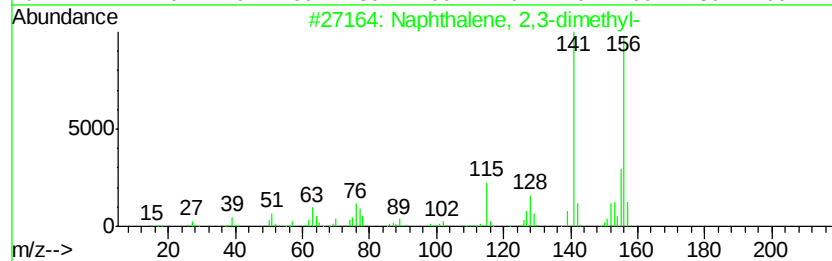
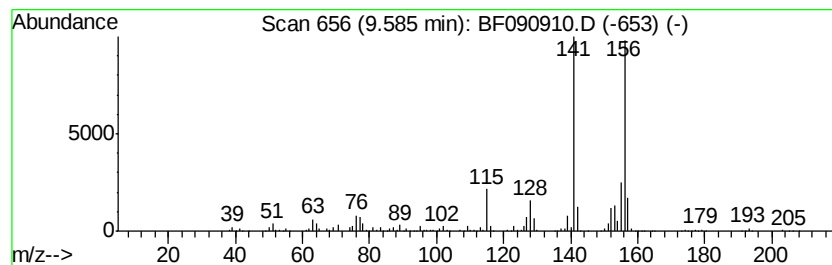
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	9.47 ng	967734	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090910.D
Acq On : 28 Oct 2016 16:04
Operator : UM/SJ
Sample : H5422-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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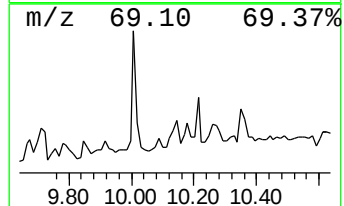
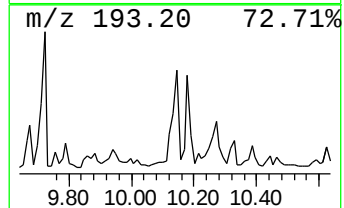
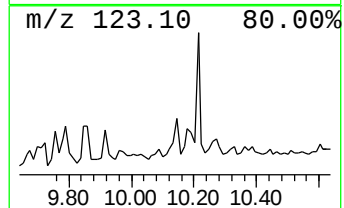
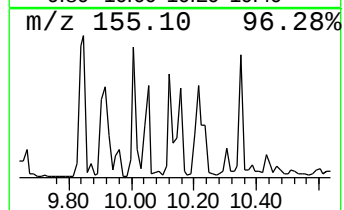
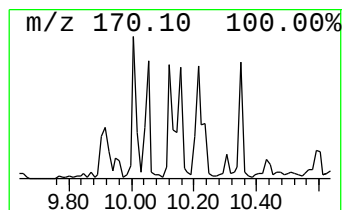
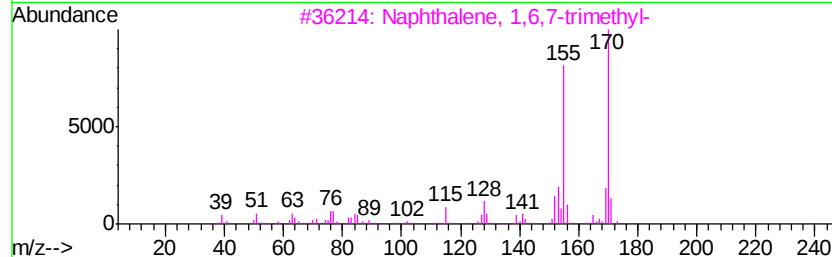
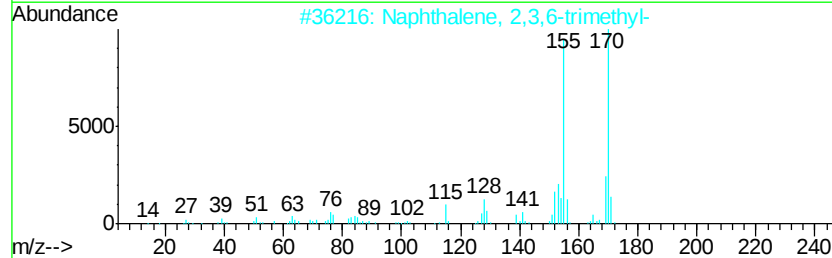
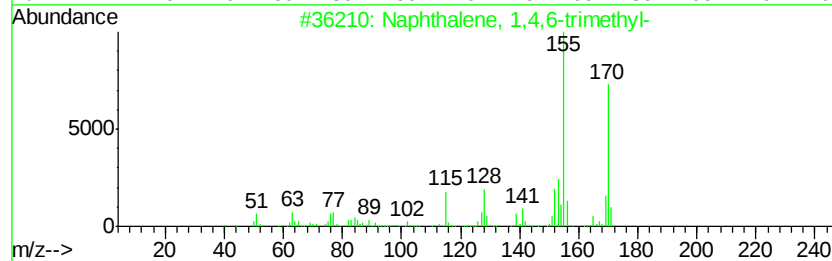
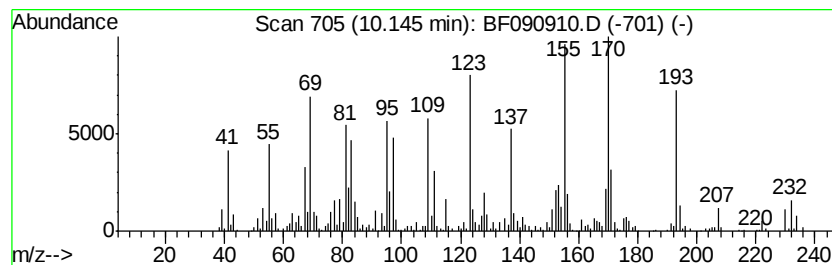
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	14.40 ng	1471830	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	74
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	38
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090910.D
Acq On : 28 Oct 2016 16:04
Operator : UM/SJ
Sample : H5422-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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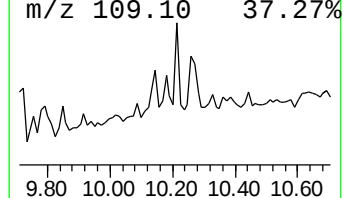
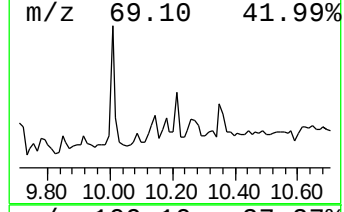
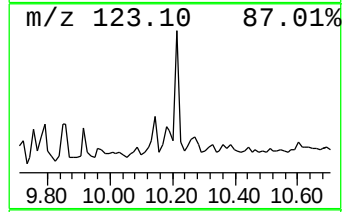
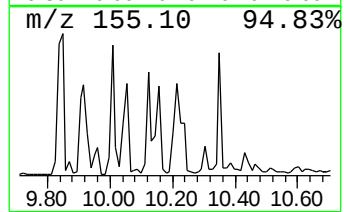
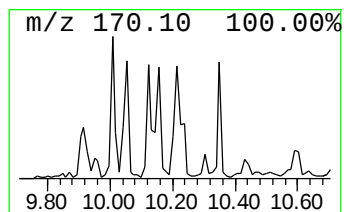
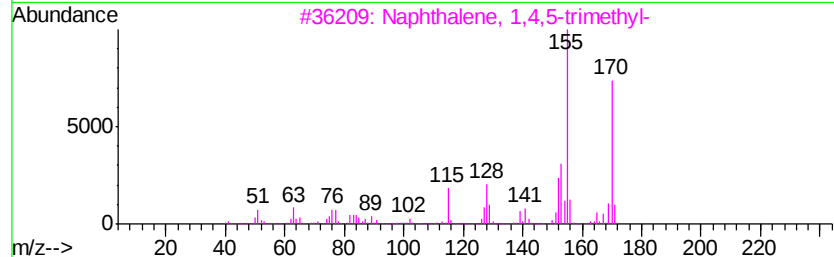
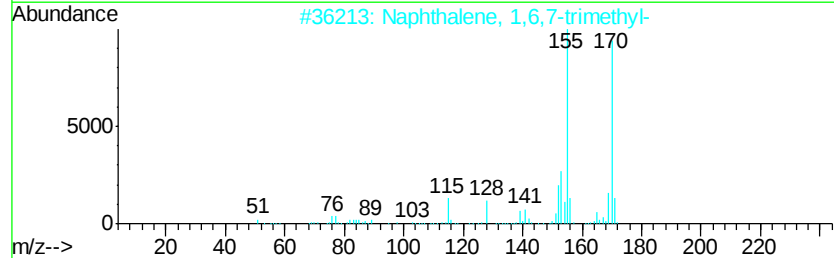
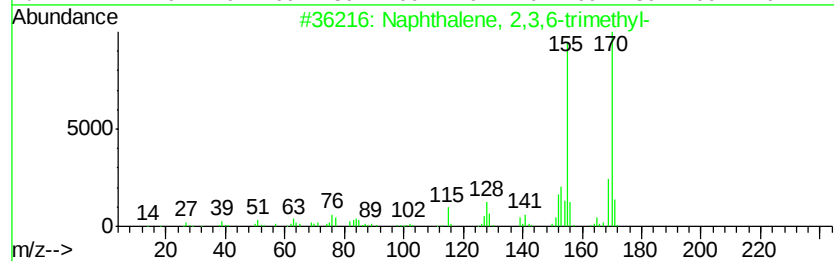
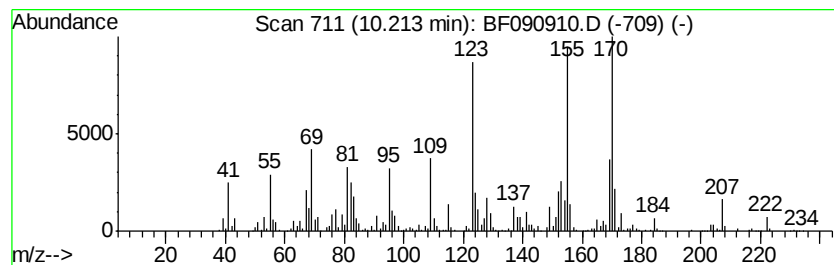
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	9.38 ng	958861	Acenaphthene-d10	9.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
4			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	78
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090910.D
Acq On : 28 Oct 2016 16:04
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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
SB-2-COMP

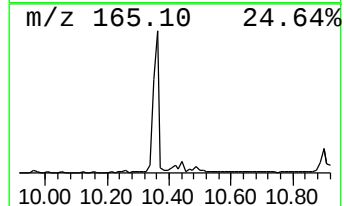
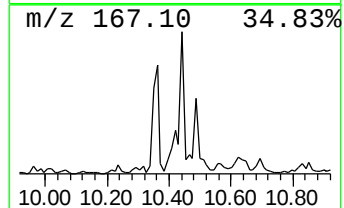
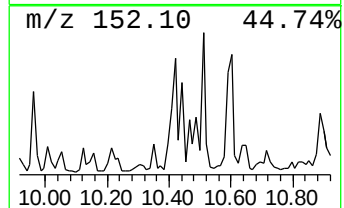
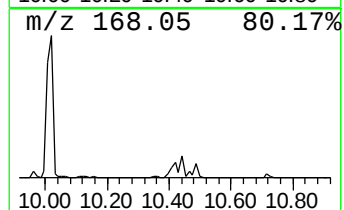
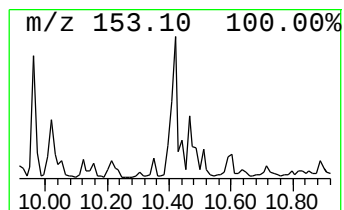
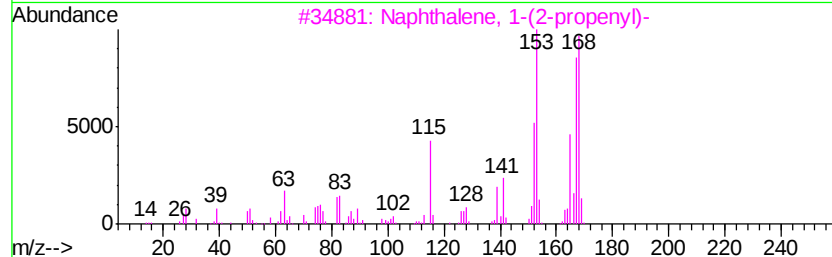
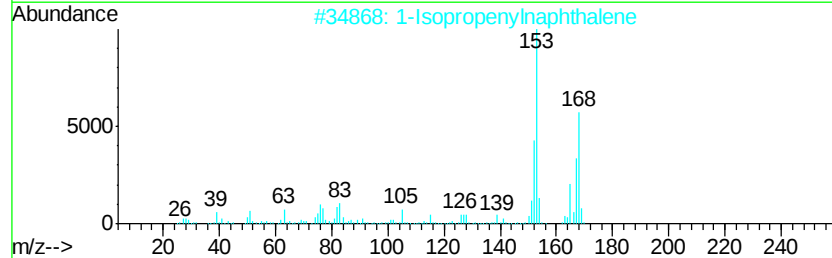
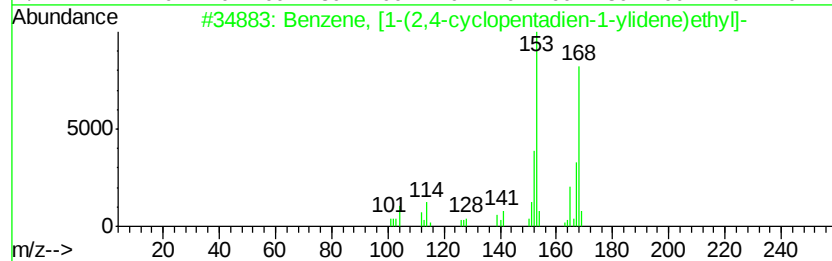
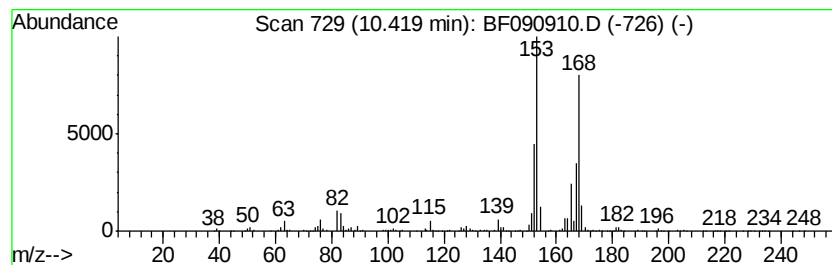
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, [1-(2,4-cyclopenta... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	10.20 ng	1042360	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	86
2		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
3		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
4		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59
5		(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090910.D
Acq On : 28 Oct 2016 16:04
Operator : UM/SJ
Sample : H5422-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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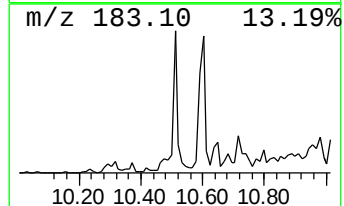
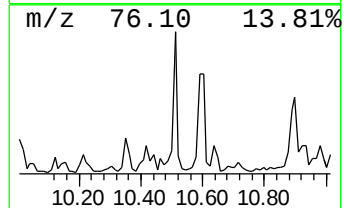
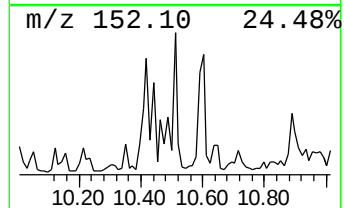
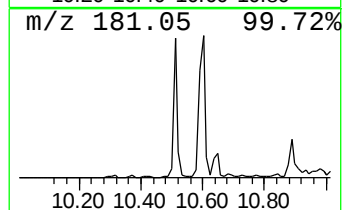
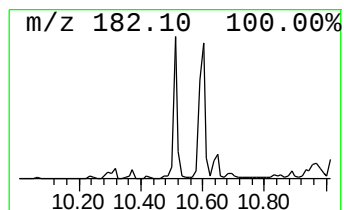
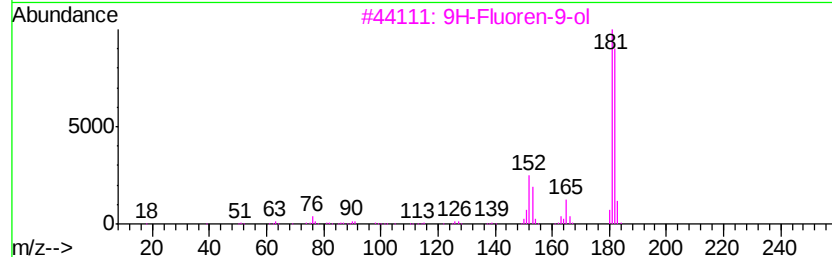
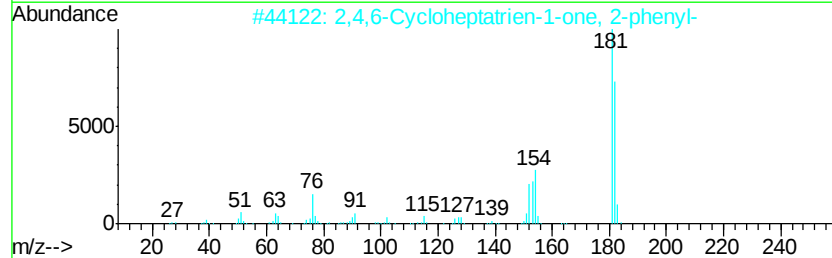
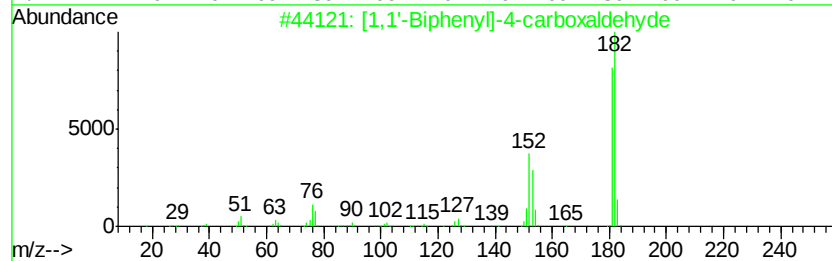
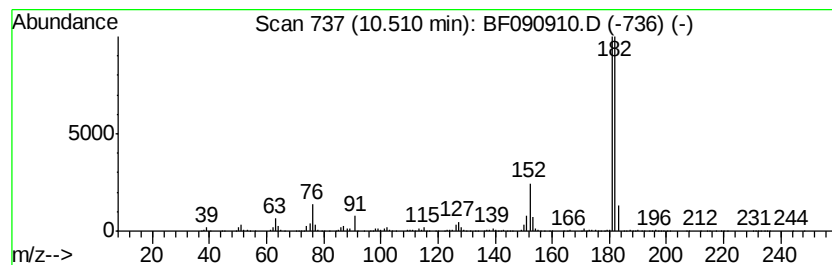
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	10.89 ng	1112530	Acenaphthene-d10	9.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
5			9H-Xanthene	182	C13H10O	000092-83-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090910.D
Acq On : 28 Oct 2016 16:04
Operator : UM/SJ
Sample : H5422-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2-COMP

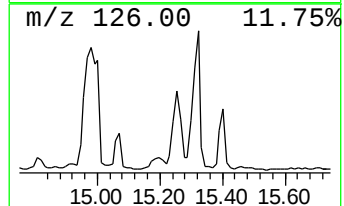
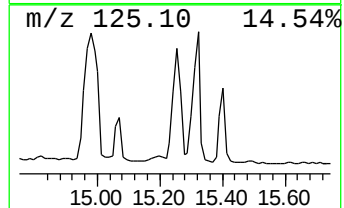
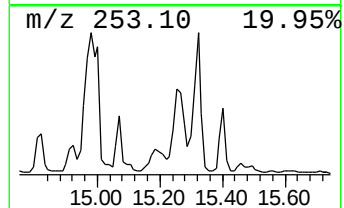
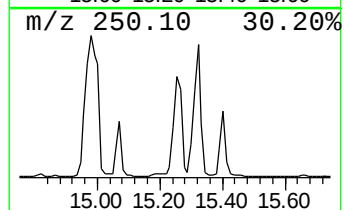
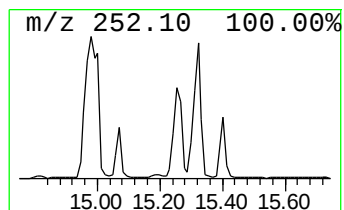
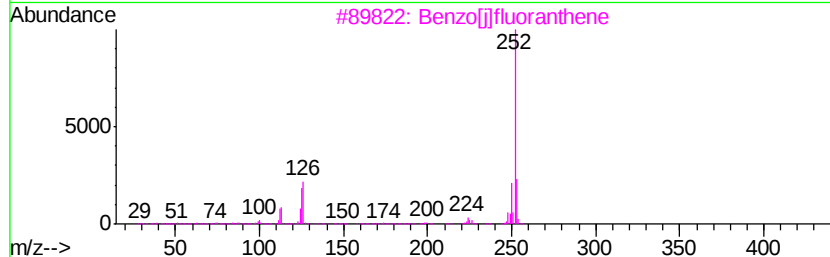
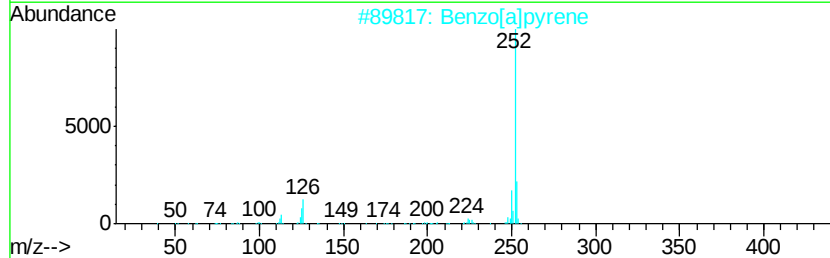
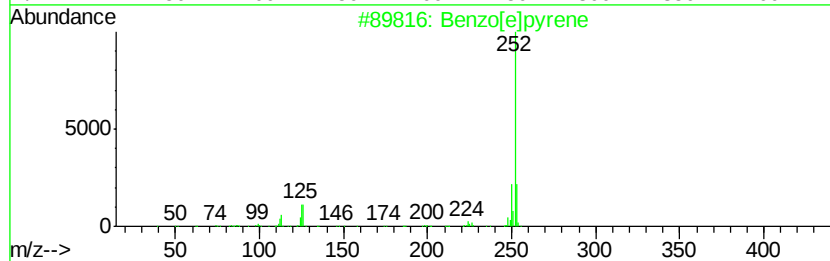
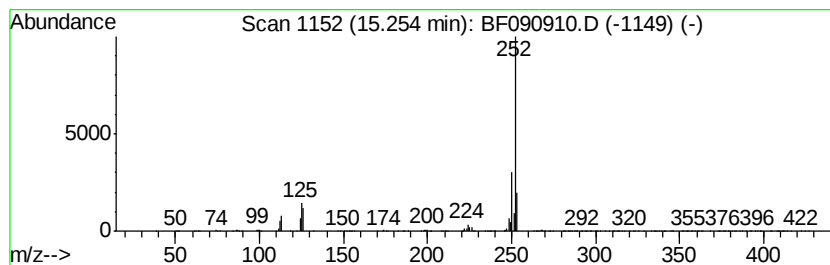
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	75.33 ng	4278350	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
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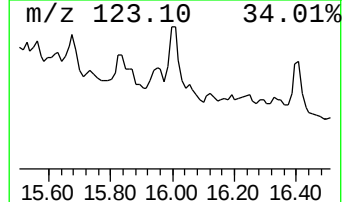
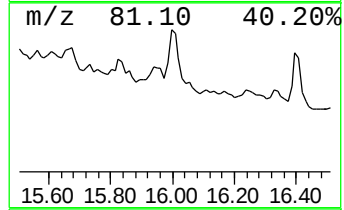
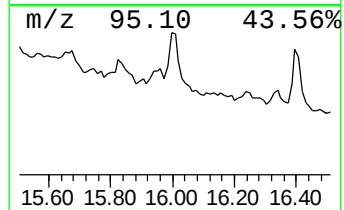
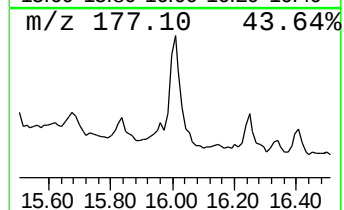
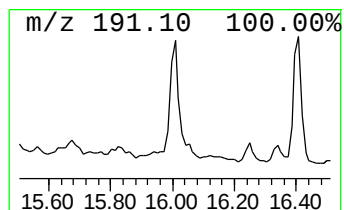
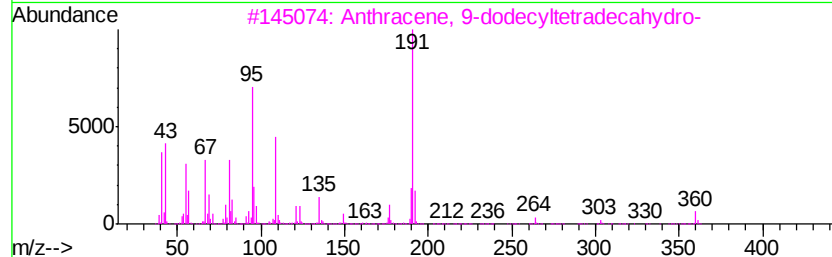
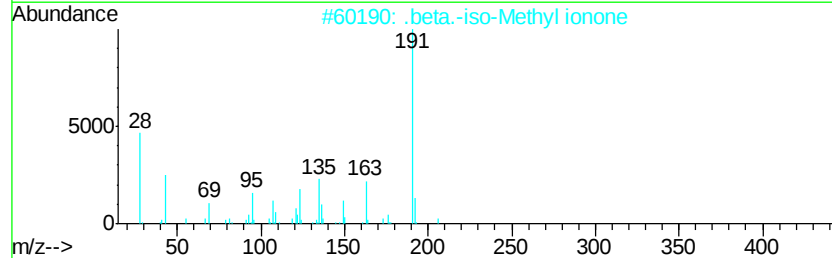
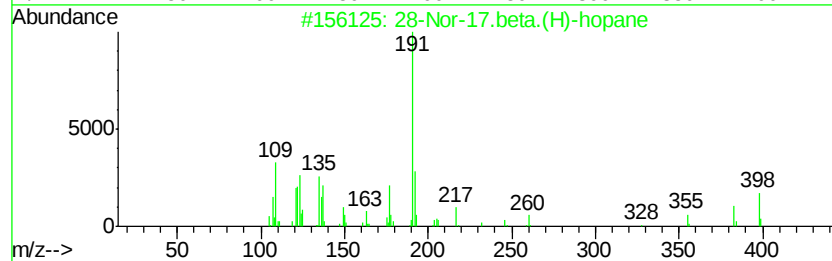
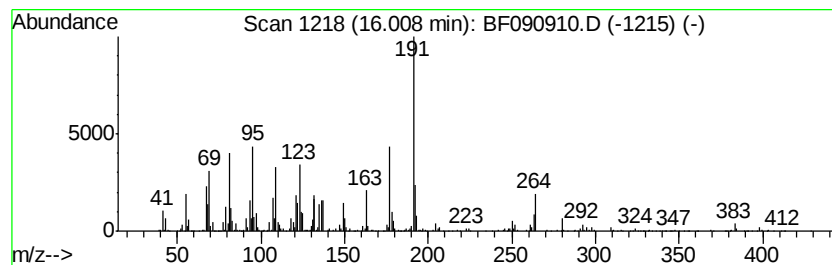
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown16.01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	27.55 ng	1564380	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	49
2		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
3		Anthracene, 9-dodecyltetradeca-hy...	360	C26H48	055401-75-7	37
4		Anthracene, 9-butyltetradeca-hydro-	248	C18H32	055133-89-6	37
5		5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	22



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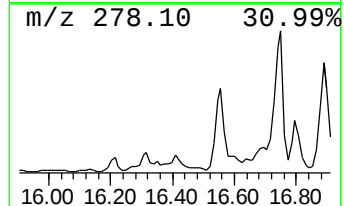
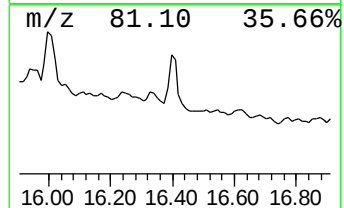
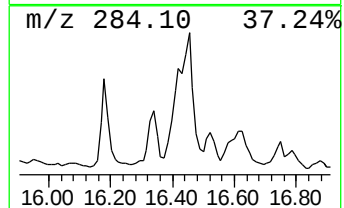
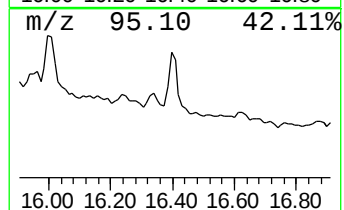
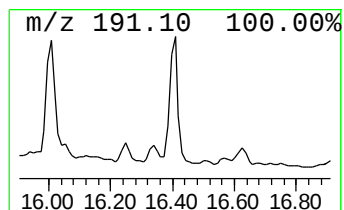
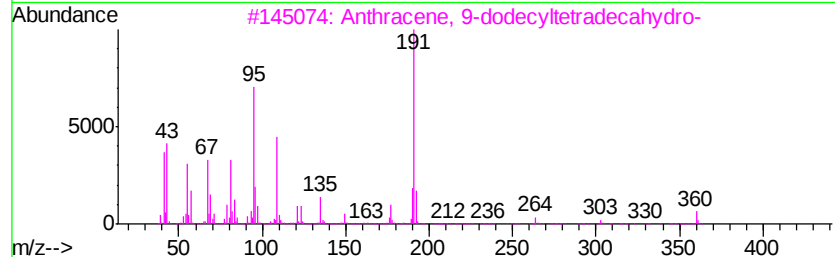
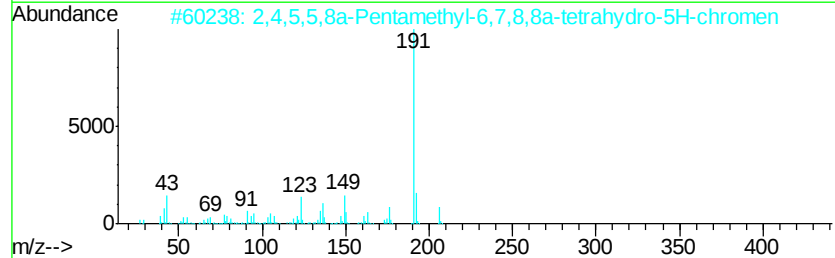
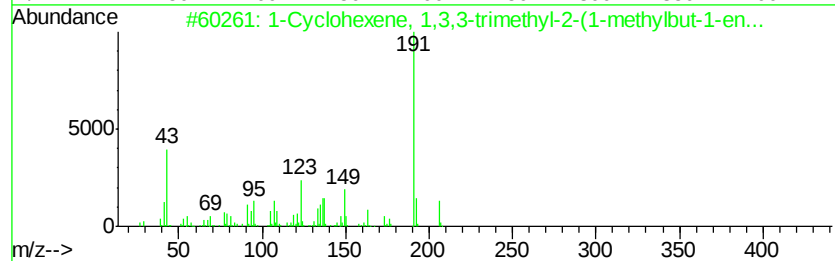
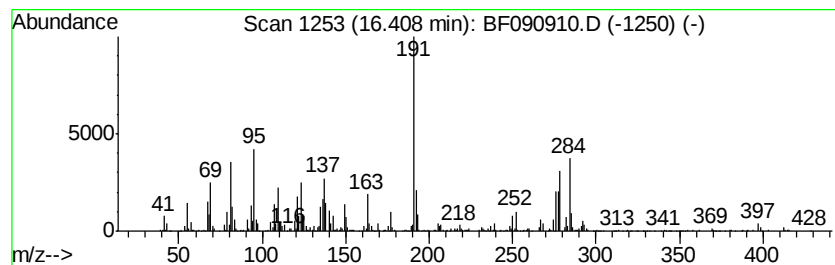
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown16.41 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	30.88 ng	1753970	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
2		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	35
3		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	32
4		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	30
5		Baccharane	414	C30H54	036441-74-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090910.D
Acq On : 28 Oct 2016 16:04
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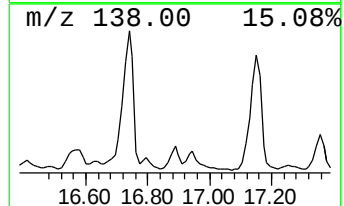
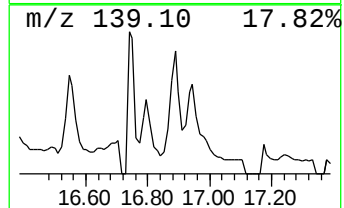
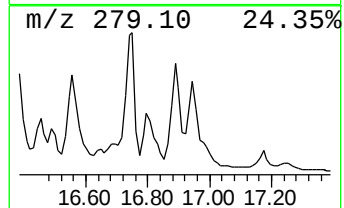
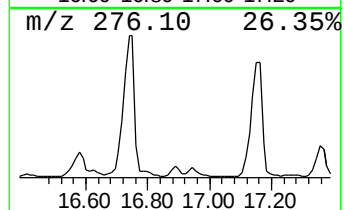
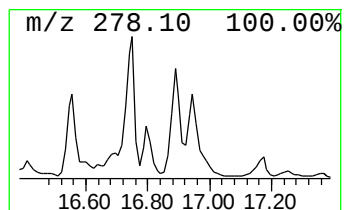
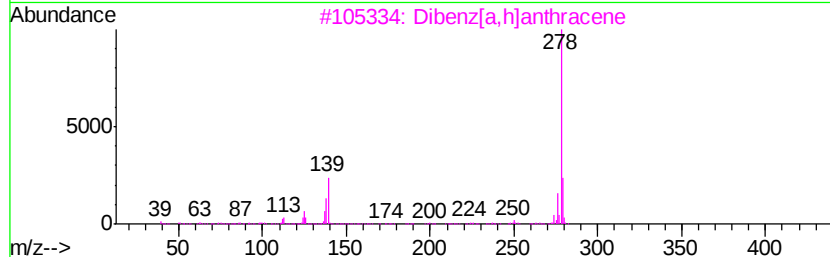
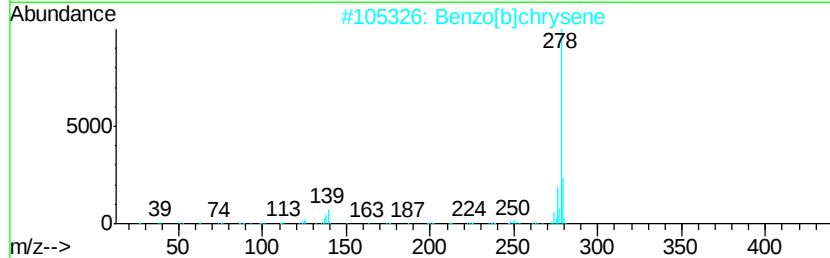
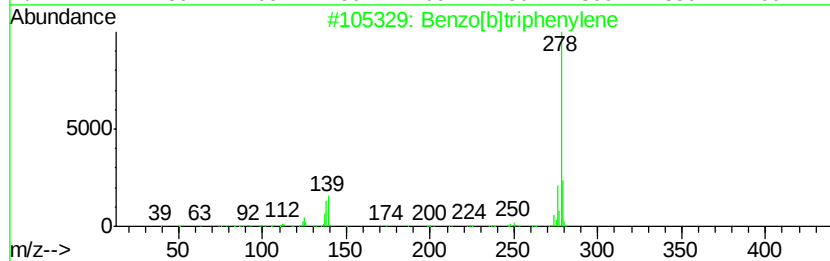
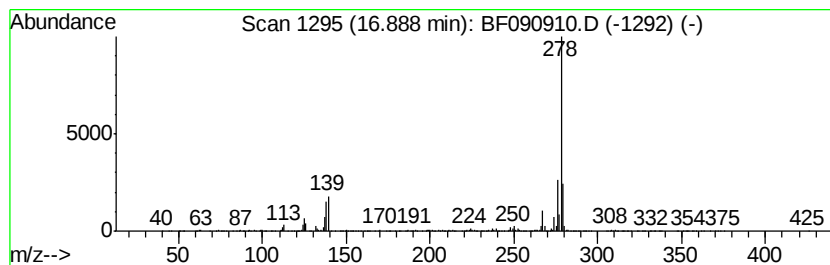
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzo[b]triphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	16.22 ng	921016	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2		Benzo[b]chrysene	278	C22H14	000214-17-5	98
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
4		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
5		Pentaphene	278	C22H14	000222-93-5	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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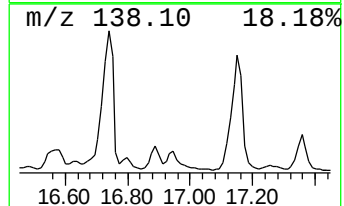
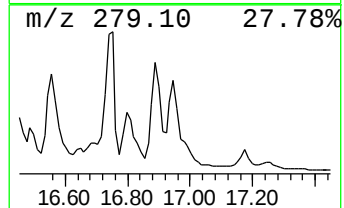
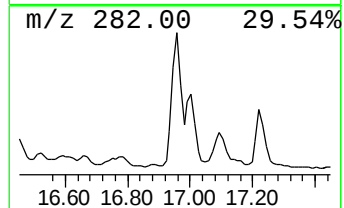
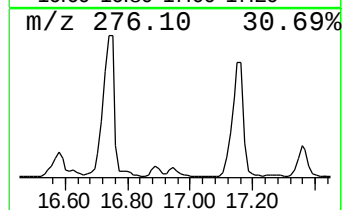
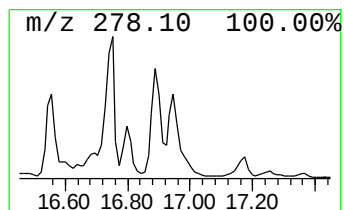
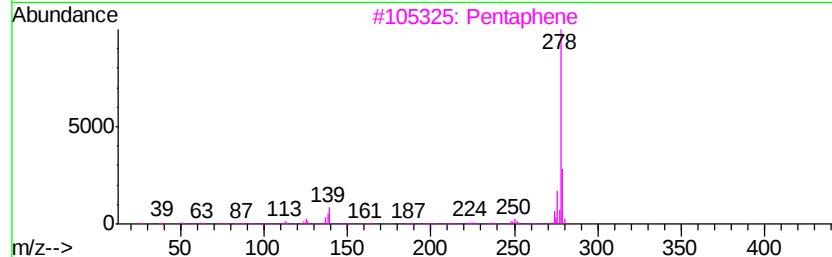
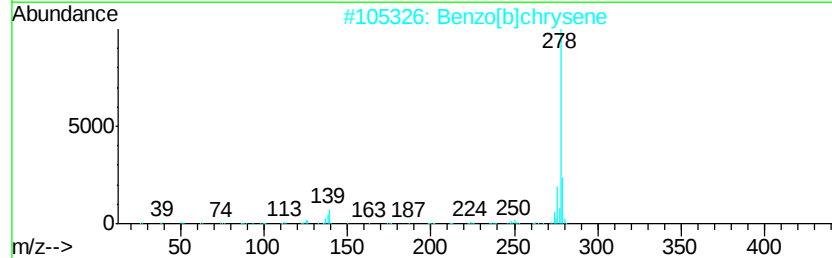
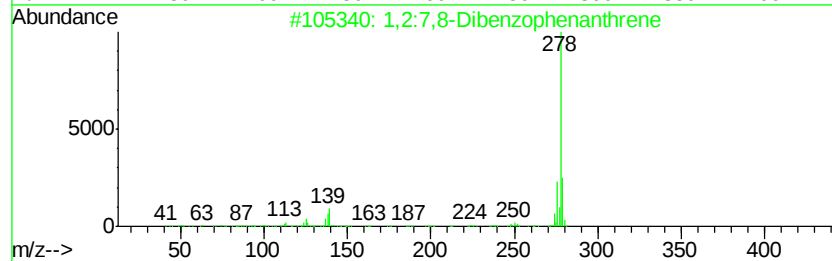
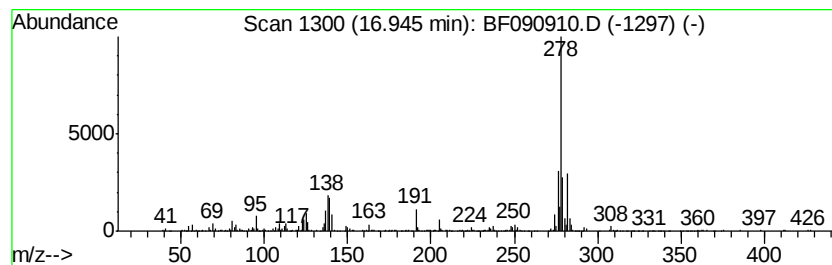
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,2:7,8-Dibenzophenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	10.94 ng	621167	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	97
2		Benzo[b]chrysene	278	C22H14	000214-17-5	92
3		Pentaphene	278	C22H14	000222-93-5	92
4		Benzo[b]triphenylene	278	C22H14	000215-58-7	92
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
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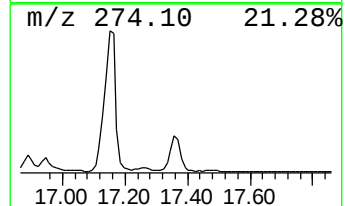
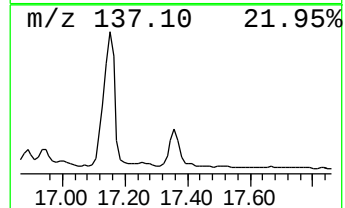
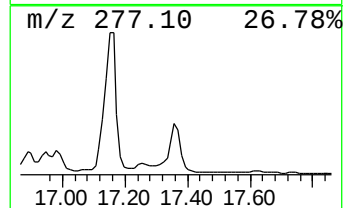
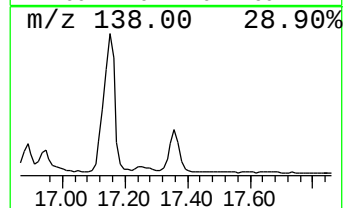
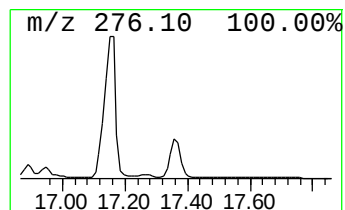
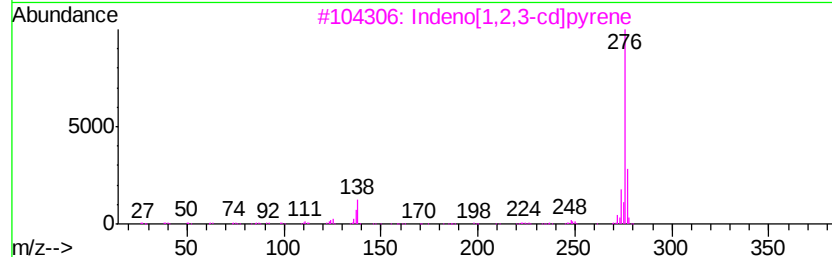
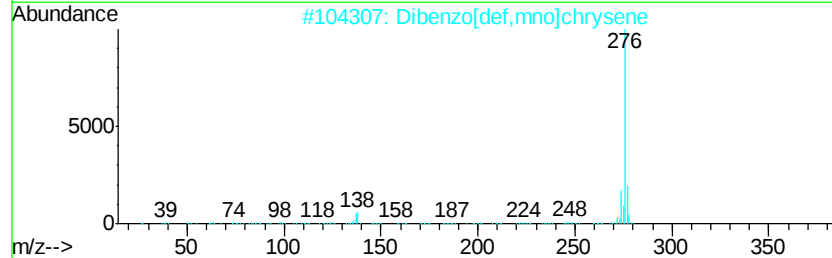
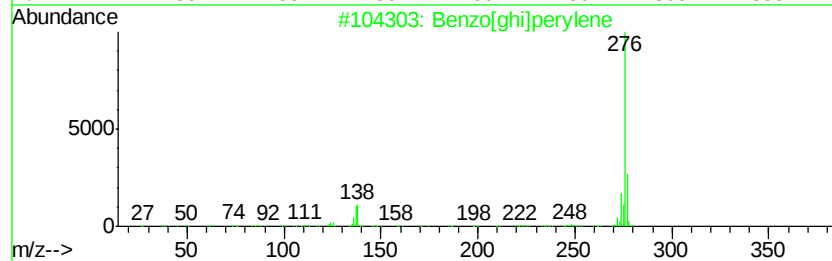
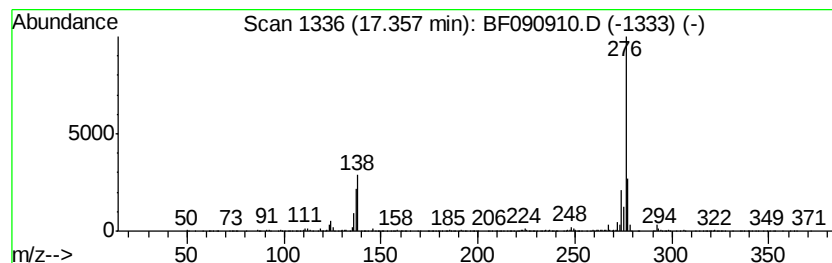
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzo[ghi]perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	18.26 ng	1037240	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[ghi]perylene	276	C22H12	000191-24-2	96
2		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	91
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4		Naphthalen-1-yl-(3-nitro-benzyl)...	276	C17H12N2O2	200421-53-0	43
5		6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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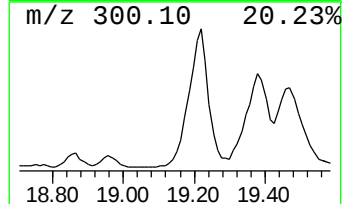
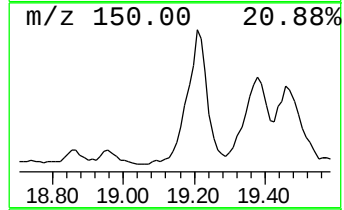
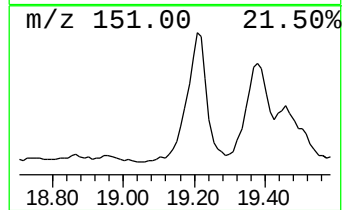
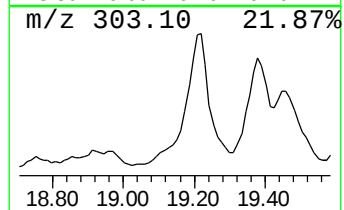
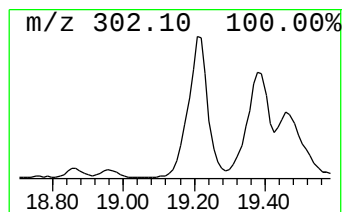
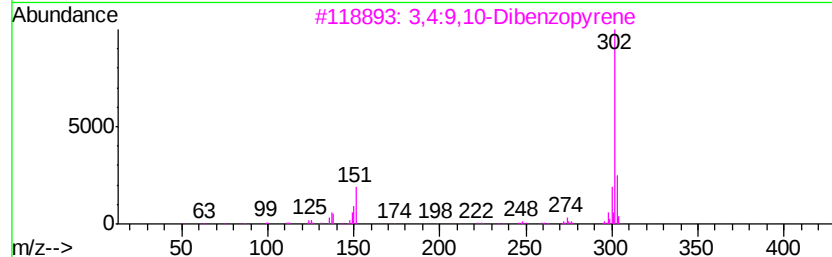
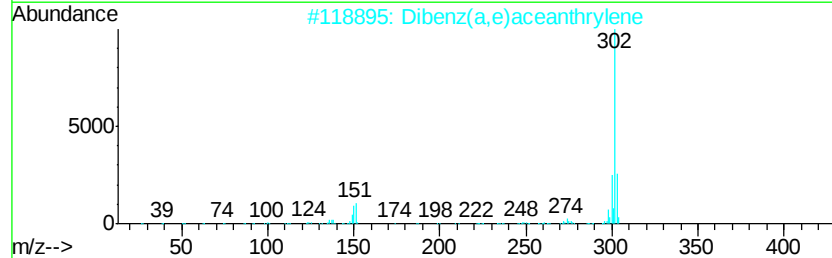
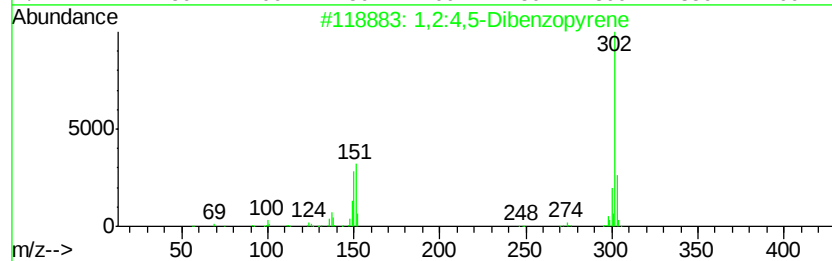
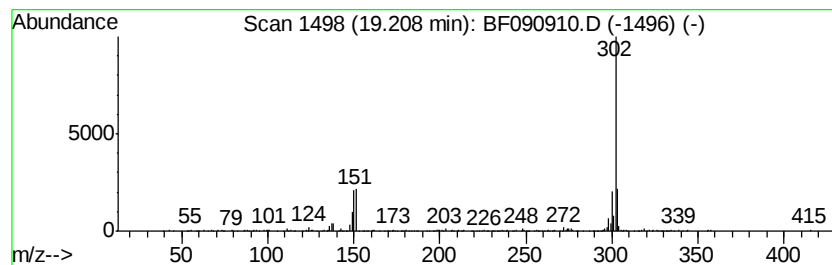
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	15.89 ng	902637	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	91
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	83
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	83
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	76
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090910.D
 Acq On : 28 Oct 2016 16:04
 Operator : UM/SJ
 Sample : H5422-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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
Trichloroethylene	2.19	10.8	ng	475514	1	6.76	879587	20.0
2-Pentanone, 4-hy...	4.92	22.0	ng	969423	1	6.76	879587	20.0
unknown6.53	6.53	98.3	ng	4323480	1	6.76	879587	20.0
Naphthalene, 2,6-...	9.39	10.3	ng	1054530	3	9.80	2043670	20.0
Naphthalene, 1,7-...	9.47	13.6	ng	1384430	3	9.80	2043670	20.0
Naphthalene, 2,3-...	9.58	9.5	ng	967734	3	9.80	2043670	20.0
Naphthalene, 1,4,...	10.14	14.4	ng	1471830	3	9.80	2043670	20.0
Naphthalene, 2,3,...	10.21	9.4	ng	958861	3	9.80	2043670	20.0
Benzene, [1-(2,4-...	10.42	10.2	ng	1042360	3	9.80	2043670	20.0
[1,1'-Biphenyl]-4...	10.51	10.9	ng	1112530	3	9.80	2043670	20.0
Benzo[e]pyrene	15.25	75.3	ng	4278350	6	15.37	1135840	20.0
unknown16.01	16.01	27.6	ng	1564380	6	15.37	1135840	20.0
unknown16.41	16.41	30.9	ng	1753970	6	15.37	1135840	20.0
Benzo[b]triphenylene	16.89	16.2	ng	921016	6	15.37	1135840	20.0
1,2:7,8-Dibenzoph...	16.95	10.9	ng	621167	6	15.37	1135840	20.0
Benzo[ghi]perylene	17.36	18.3	ng	1037240	6	15.37	1135840	20.0
1,2:4,5-Dibenzopy...	19.21	15.9	ng	902637	6	15.37	1135840	20.0