

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
 Data File : BF079207.D
 Acq On : 13 May 2015 21:41
 Operator : TP/IZ
 Sample : G2215-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-41D

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	1.381	14	17	20	rVB	4057891	4546272	99.14%	7.049%
2	1.507	25	28	41	rVB2	83842	273523	5.96%	0.424%
3	1.701	41	45	51	rBV2	269392	505640	11.03%	0.784%
4	1.827	54	56	102	rVB	1835543	4585814	100.00%	7.110%
5	5.016	332	335	345	rVB	184404	291417	6.35%	0.452%
6	5.530	378	380	382	rVB	1230190	1300731	28.36%	2.017%
7	6.799	489	491	494	rBV	1486455	1358707	29.63%	2.107%
8	6.947	501	504	506	rVB	1412684	1474082	32.14%	2.286%
9	7.016	508	510	515	rVB3	119024	135331	2.95%	0.210%
10	7.233	527	529	531	rBV	401197	363033	7.92%	0.563%
11	7.416	543	545	547	rBV	1097536	1047716	22.85%	1.625%
12	7.542	554	556	558	rBV	129281	166486	3.63%	0.258%
13	7.930	588	590	592	rVV	677400	879380	19.18%	1.364%
14	8.502	637	640	642	rBV3	97212	185729	4.05%	0.288%
15	8.547	642	644	651	rVB	115849	250554	5.46%	0.388%
16	8.810	664	667	668	rBV	598834	635188	13.85%	0.985%
17	8.833	668	669	672	rVV	1539736	1575312	34.35%	2.443%
18	9.370	714	716	719	rBV2	66335	134338	2.93%	0.208%
19	9.702	742	745	747	rVB	1187050	1420086	30.97%	2.202%
20	9.816	752	755	758	rBV	1289617	1212136	26.43%	1.879%
21	10.159	783	785	787	rVB	1567026	1511091	32.95%	2.343%
22	10.273	793	795	799	rVB	181824	213684	4.66%	0.331%
23	10.388	803	805	809	rVB	461641	609174	13.28%	0.945%
24	10.479	810	813	815	rVV	417298	680377	14.84%	1.055%
25	10.570	818	821	822	rVV	686521	817174	17.82%	1.267%
26	10.605	822	824	826	rVV	305528	454321	9.91%	0.704%
27	10.662	826	829	832	rVV2	110456	196530	4.29%	0.305%
28	10.708	832	833	837	rVV	361889	431721	9.41%	0.669%
29	10.811	839	842	845	rVB2	341609	354033	7.72%	0.549%
30	10.982	855	857	859	rVV	675638	708274	15.44%	1.098%
31	11.028	859	861	862	rVV	973133	1059107	23.10%	1.642%
32	11.119	867	869	872	rBV2	134258	214842	4.68%	0.333%
33	11.245	876	880	882	rVV2	235604	371488	8.10%	0.576%
34	11.291	882	884	886	rVV	161621	180197	3.93%	0.279%

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

35	11.382	890	892	894	rBV	179325	256176	5.59%	0.397%
36	11.416	894	895	899	rVB2	133815	185562	4.05%	0.288%
37	11.496	899	902	905	rBV2	146818	300625	6.56%	0.466%
38	11.542	905	906	909	rVB	132656	181949	3.97%	0.282%
39	11.633	909	914	915	rBV3	148954	300768	6.56%	0.466%
40	11.668	915	917	919	rBV	631201	663350	14.47%	1.029%
41	11.748	921	924	925	rBV	92226	150135	3.27%	0.233%
42	11.805	927	929	930	rVV	158989	208283	4.54%	0.323%
43	11.965	939	943	946	rVB2	1140242	1413188	30.82%	2.191%
44	12.342	974	976	978	rBV	178093	351766	7.67%	0.545%
45	12.376	978	979	982	rVV3	136154	234158	5.11%	0.363%
46	12.445	984	985	988	rVV2	120054	152245	3.32%	0.236%
47	12.536	990	993	994	rBV2	84475	154571	3.37%	0.240%
48	12.594	997	998	1001	rVB2	129706	134739	2.94%	0.209%
49	12.696	1005	1007	1010	rBV	324350	344023	7.50%	0.533%
50	12.834	1016	1019	1020	rBV	422453	721131	15.73%	1.118%
51	12.856	1020	1021	1023	rVV	2184214	2301341	50.18%	3.568%
52	12.925	1023	1027	1029	rVV	872886	974777	21.26%	1.511%
53	12.971	1029	1031	1033	rVV	82245	124529	2.72%	0.193%
54	13.245	1053	1055	1057	rVB	152369	182825	3.99%	0.283%
55	13.348	1062	1064	1066	rVB	118371	154665	3.37%	0.240%
56	13.462	1071	1074	1075	rBV	568897	658185	14.35%	1.021%
57	13.496	1075	1077	1079	rVB	636852	735283	16.03%	1.140%
58	13.554	1079	1082	1083	rBV	473566	640283	13.96%	0.993%
59	13.588	1083	1085	1087	rVV	827263	1171616	25.55%	1.817%
60	13.622	1087	1088	1091	rVB	506387	405895	8.85%	0.629%
61	13.828	1102	1106	1111	rBV2	209329	476880	10.40%	0.739%
62	14.022	1118	1123	1127	rBV6	336865	975852	21.28%	1.513%
63	14.148	1132	1134	1136	rVV	362269	524854	11.45%	0.814%
64	14.182	1136	1137	1141	rVV	251856	458258	9.99%	0.711%
65	14.262	1141	1144	1146	rVB2	148766	261845	5.71%	0.406%
66	14.342	1148	1151	1152	rBV	1348226	1561325	34.05%	2.421%
67	14.411	1155	1157	1159	rBV2	449404	467385	10.19%	0.725%
68	14.457	1159	1161	1163	rVB	337512	377614	8.23%	0.586%
69	14.514	1164	1166	1168	rBV	83047	138460	3.02%	0.215%
70	14.617	1172	1175	1177	rBV	1783935	2052988	44.77%	3.183%
71	14.822	1190	1193	1196	rVV	1544447	1658080	36.16%	2.571%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	14.902	1197	1200	1202	rBV2	152908	270126	5.89%	0.419%
73	15.005	1206	1209	1210	rVV3	169630	424760	9.26%	0.659%
74	15.040	1210	1212	1214	rVB	329602	454255	9.91%	0.704%
75	15.120	1214	1219	1221	rBV	400233	550433	12.00%	0.853%
76	15.165	1221	1223	1225	rVV	263023	336324	7.33%	0.521%
77	15.245	1228	1230	1231	rBV	124017	175774	3.83%	0.273%
78	15.268	1231	1232	1234	rVV	184575	259430	5.66%	0.402%
79	15.314	1234	1236	1239	rVB	210611	276078	6.02%	0.428%
80	15.565	1254	1258	1262	rVB2	77465	197364	4.30%	0.306%
81	15.645	1262	1265	1270	rBV	71054	235856	5.14%	0.366%
82	15.805	1275	1279	1281	rBV2	126354	225754	4.92%	0.350%
83	15.840	1281	1282	1285	rVB2	135196	192388	4.20%	0.298%
84	16.000	1293	1296	1303	rVB3	179697	411543	8.97%	0.638%
85	16.114	1303	1306	1308	rBV2	1027077	1747599	38.11%	2.710%
86	16.160	1308	1310	1312	rVV	617438	782582	17.07%	1.213%
87	16.251	1315	1318	1320	rBV2	120437	178967	3.90%	0.277%
88	16.628	1348	1351	1353	rVV	249158	310580	6.77%	0.482%
89	17.440	1419	1422	1427	rBV	441033	1116466	24.35%	1.731%
90	17.554	1430	1432	1435	rVB	157216	193178	4.21%	0.300%
91	17.760	1448	1450	1453	rVB	357801	403091	8.79%	0.625%
92	17.828	1453	1456	1459	rBV	524616	710133	15.49%	1.101%
93	17.886	1459	1461	1463	rBV	465721	662295	14.44%	1.027%
94	18.617	1523	1525	1530	rVB4	148416	316052	6.89%	0.490%
95	18.823	1540	1543	1545	rBV2	170506	291669	6.36%	0.452%
96	19.326	1584	1587	1591	rBV2	203605	415225	9.05%	0.644%
97	19.406	1591	1594	1600	rVB2	237235	531071	11.58%	0.823%
98	19.520	1601	1604	1606	rBV2	57172	133018	2.90%	0.206%
99	19.749	1622	1624	1629	rVB	164235	312983	6.83%	0.485%
100	19.977	1642	1644	1647	rVB	99753	179980	3.92%	0.279%

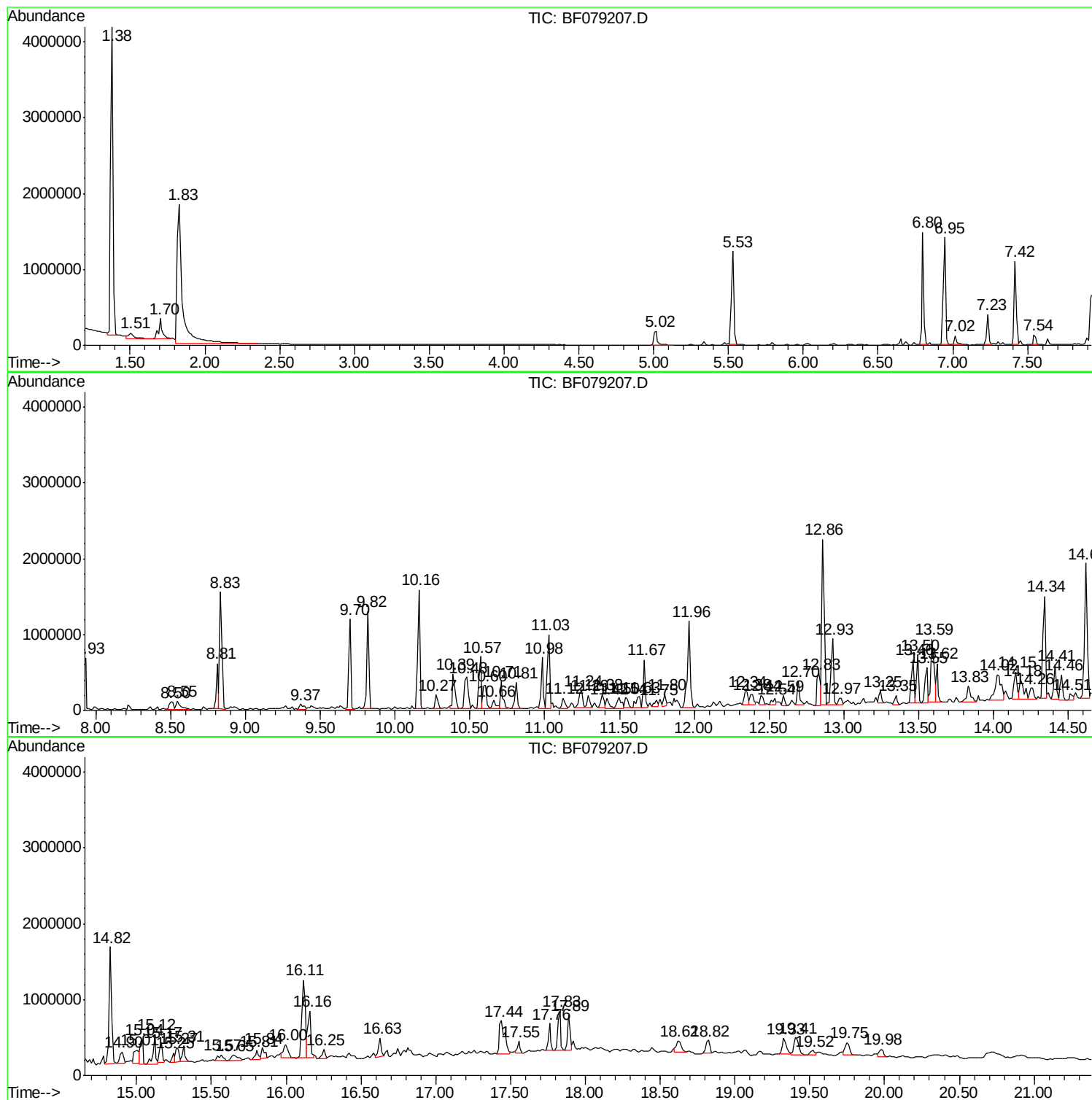
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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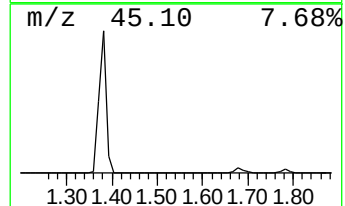
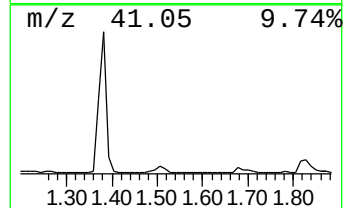
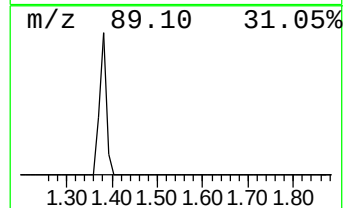
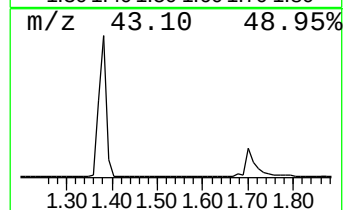
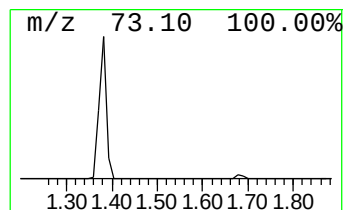
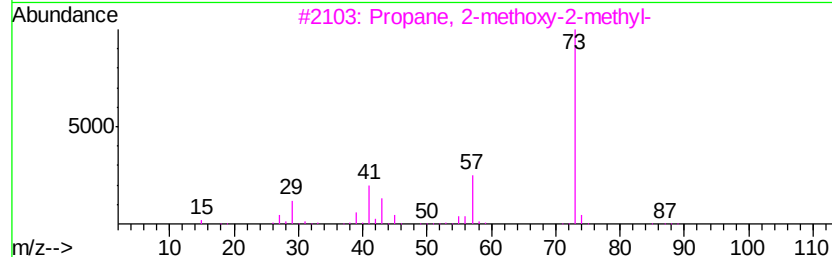
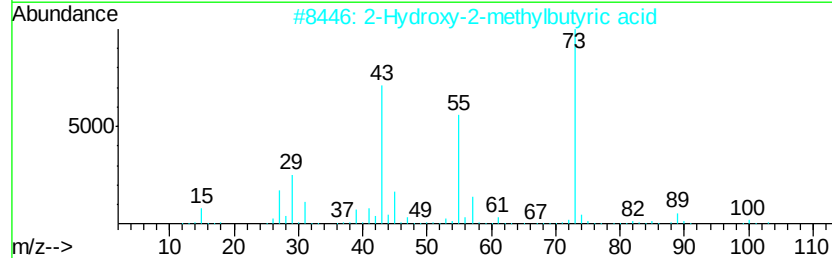
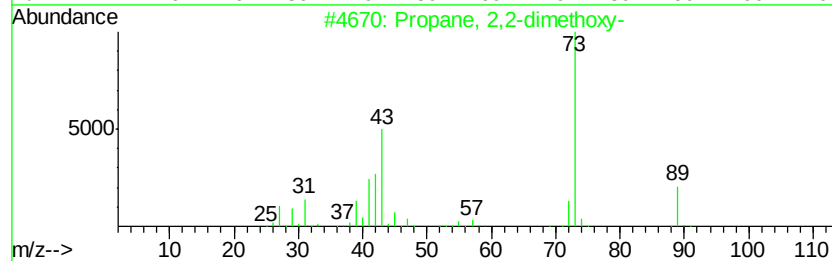
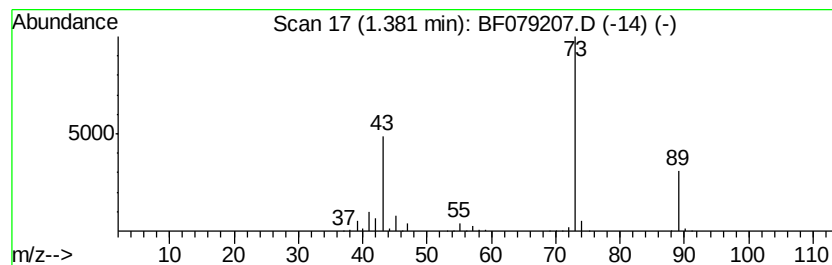
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown1.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.38	250.46 ng	4546270	1,4-Dichlorobenzene-d4	7.23

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		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	5



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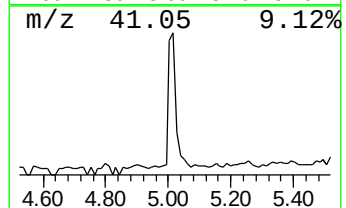
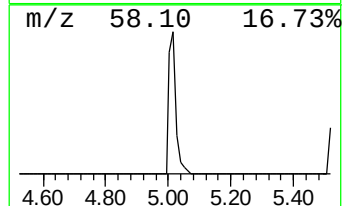
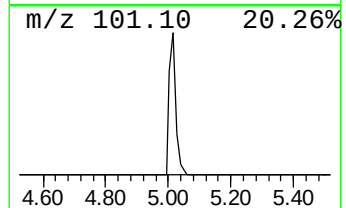
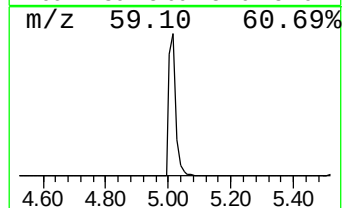
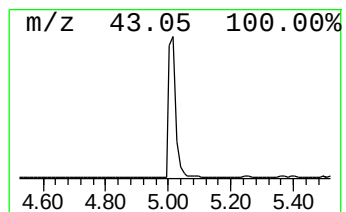
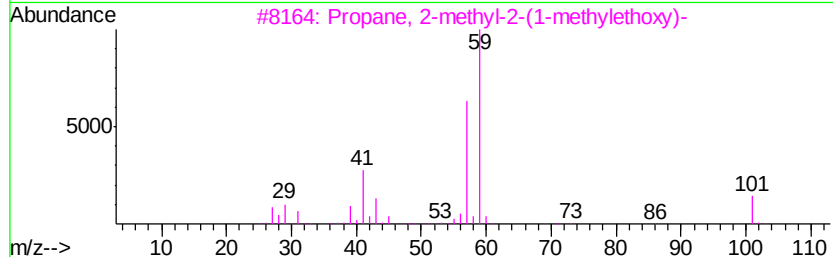
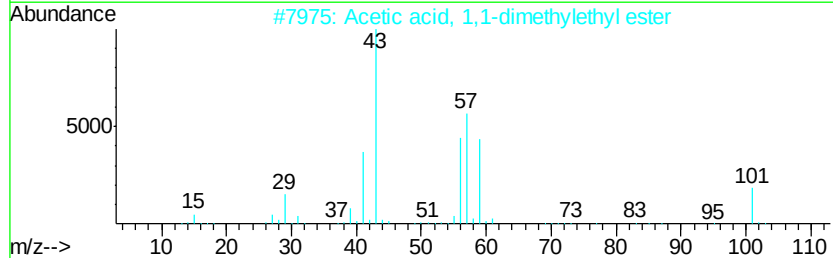
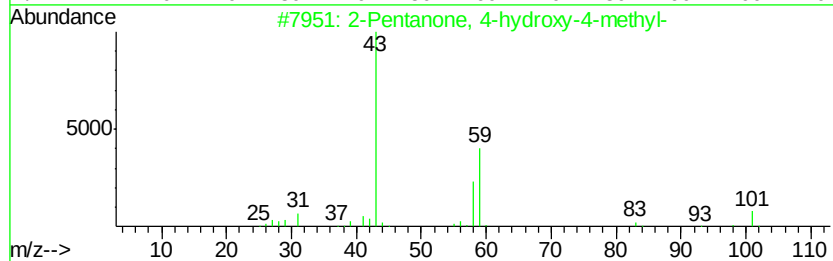
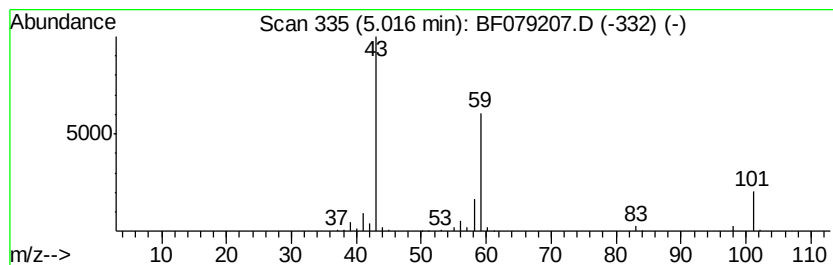
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	16.05 ng	291417	1,4-Dichlorobenzene-d4	7.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		Butane	58	C4H10	000106-97-8	9



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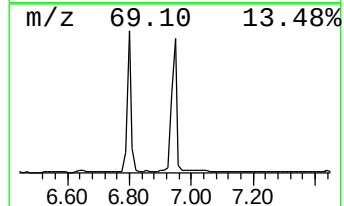
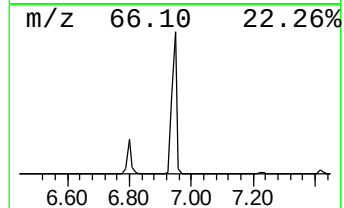
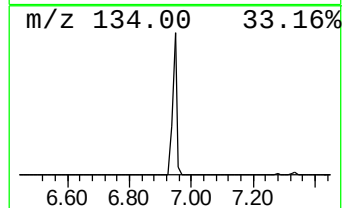
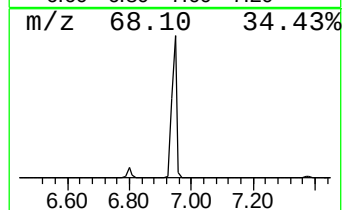
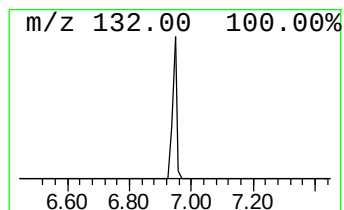
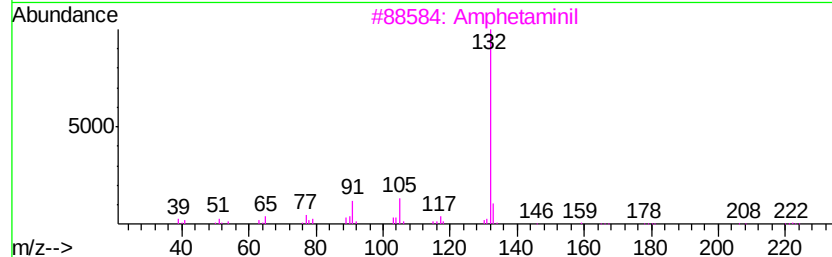
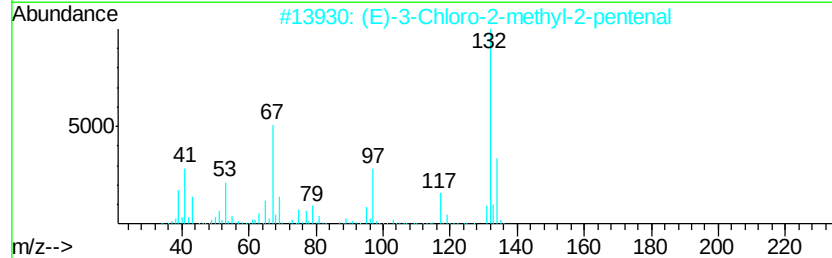
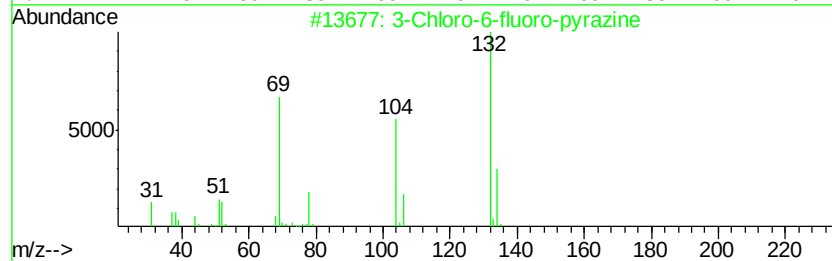
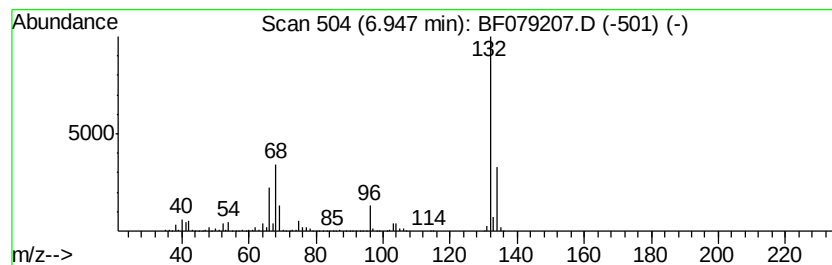
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown6.95 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	81.21 ng	1474080	1,4-Dichlorobenzene-d4	7.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
Data File : BF079207.D
Acq On : 13 May 2015 21:41
Operator : TP/IZ
Sample : G2215-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-41D

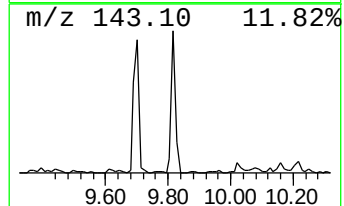
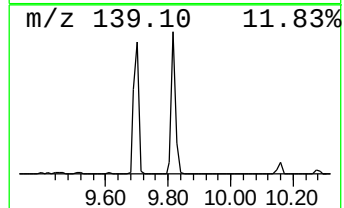
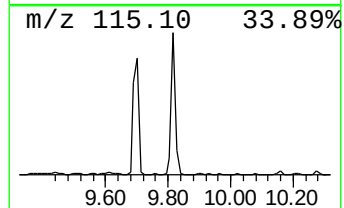
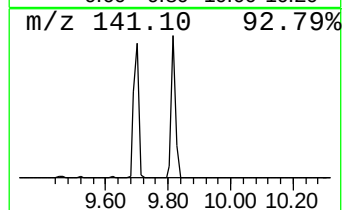
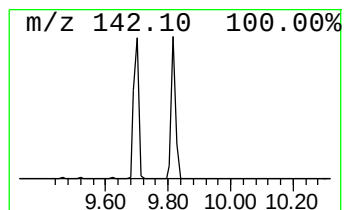
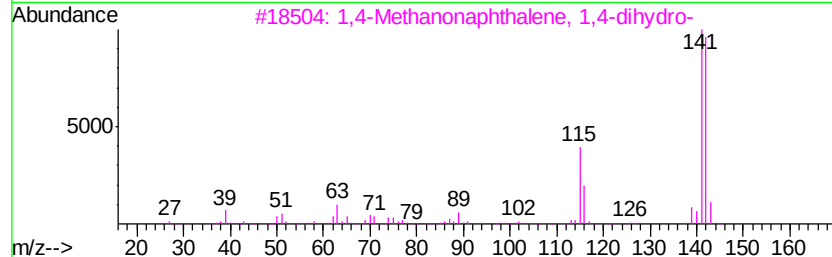
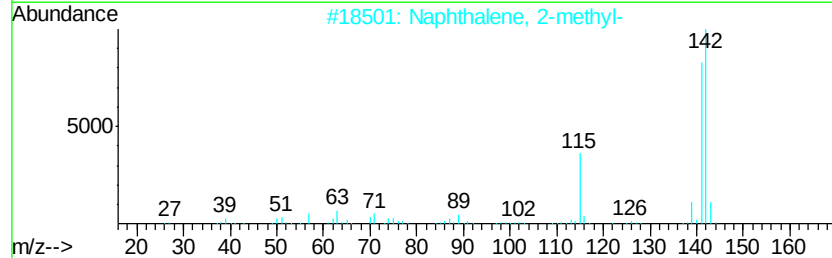
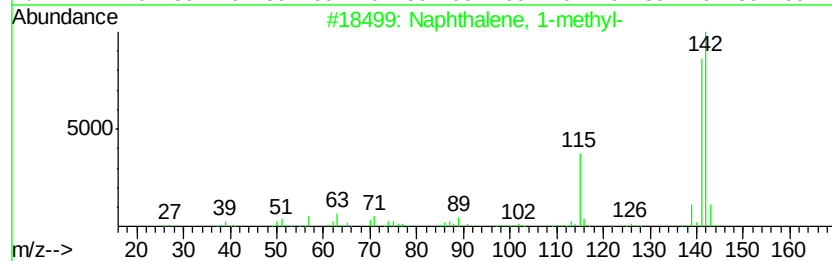
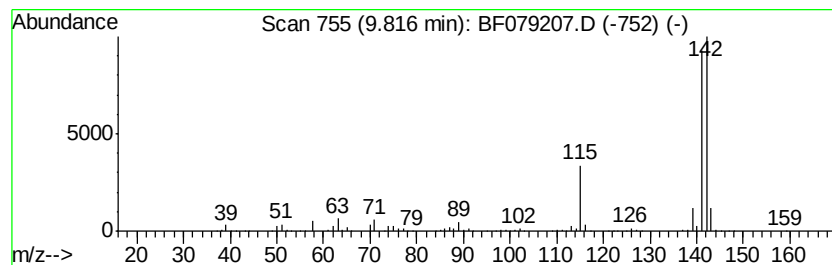
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	38.17 ng	1212140	Naphthalene-d8	8.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
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Acq On : 13 May 2015 21:41
Operator : TP/IZ
Sample : G2215-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

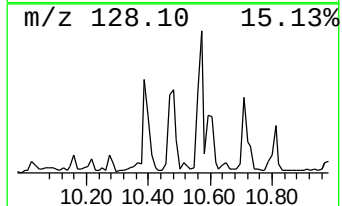
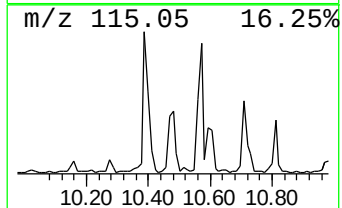
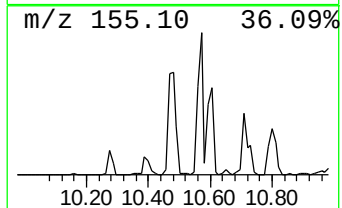
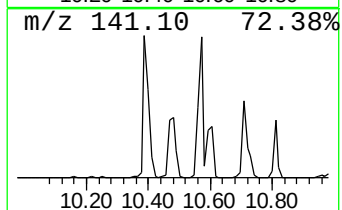
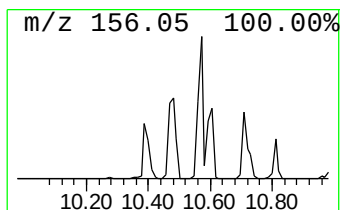
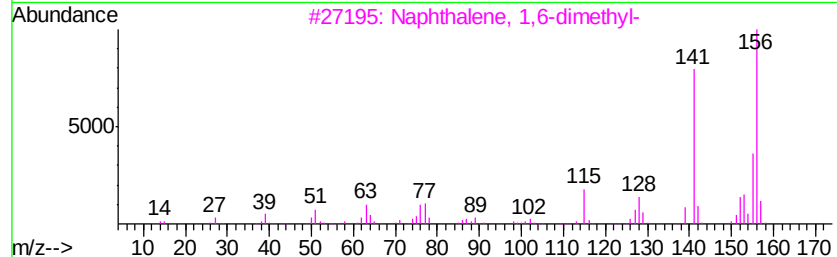
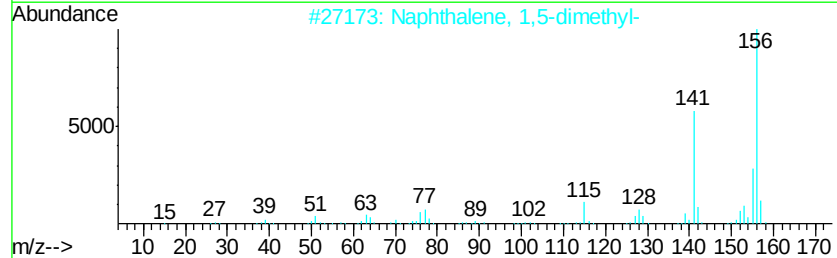
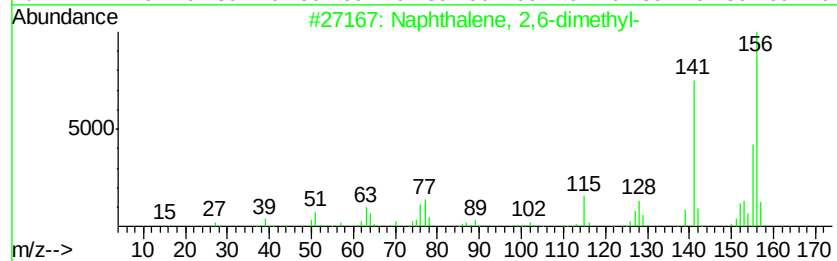
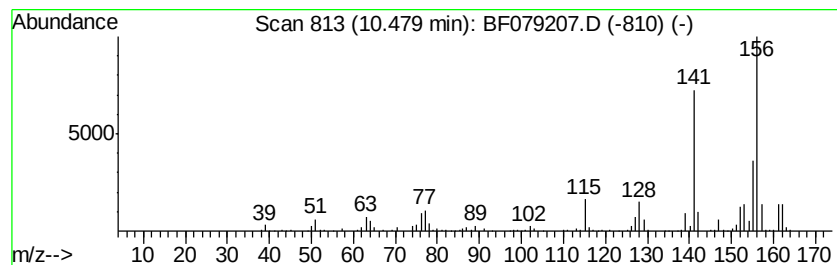
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	19.21 ng	680377	Acenaphthene-d10	10.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
4		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
Data File : BF079207.D
Acq On : 13 May 2015 21:41
Operator : TP/IZ
Sample : G2215-06
Misc :
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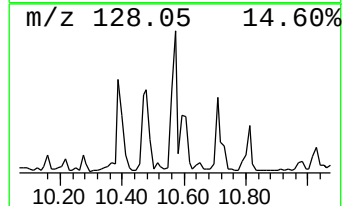
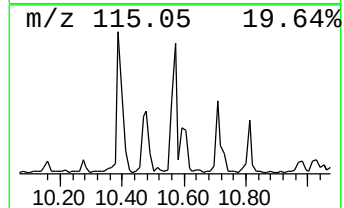
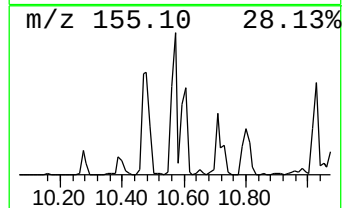
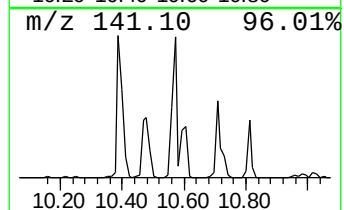
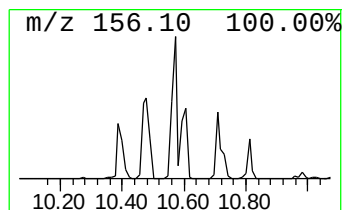
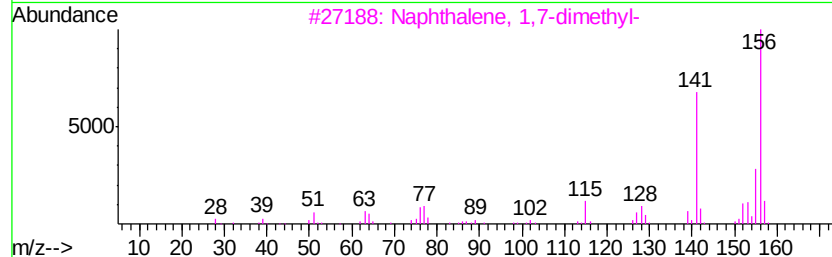
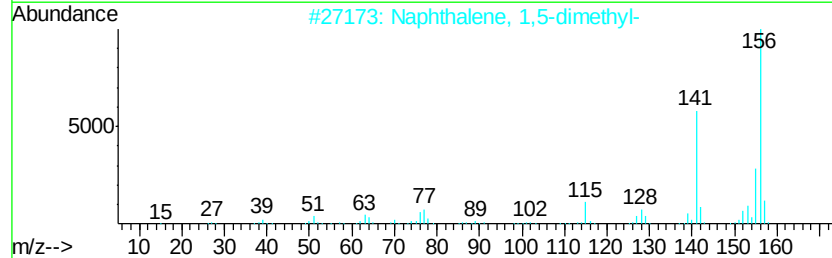
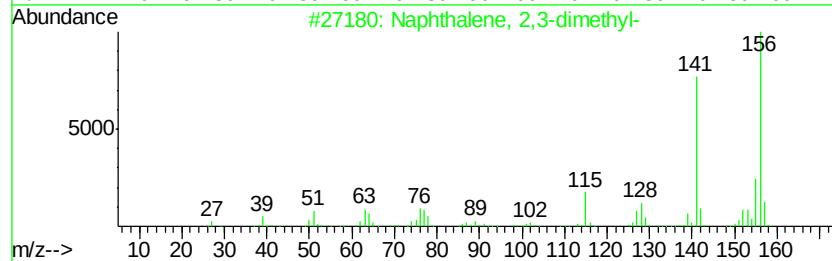
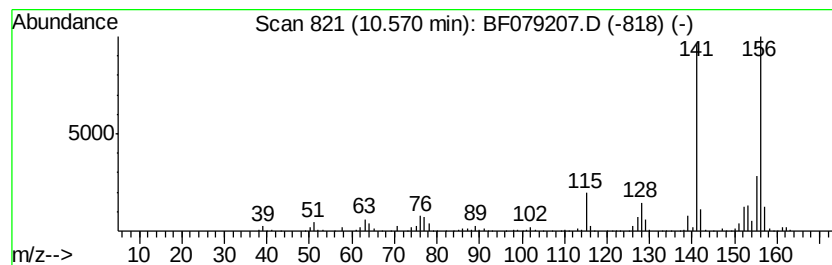
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	23.08 ng	817174	Acenaphthene-d10	10.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
Data File : BF079207.D
Acq On : 13 May 2015 21:41
Operator : TP/IZ
Sample : G2215-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

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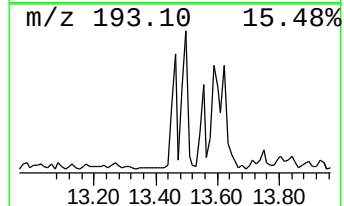
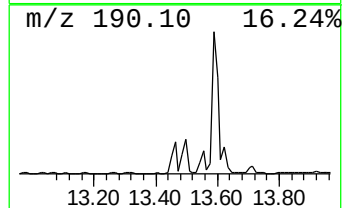
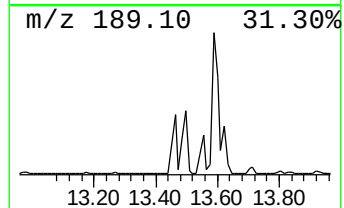
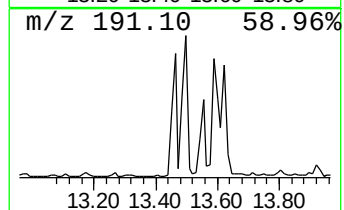
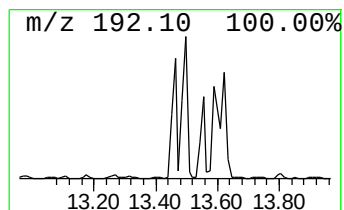
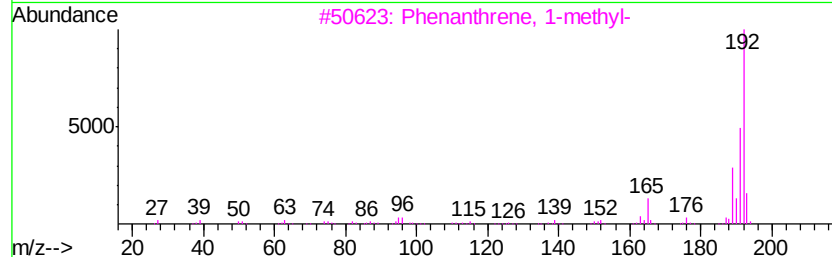
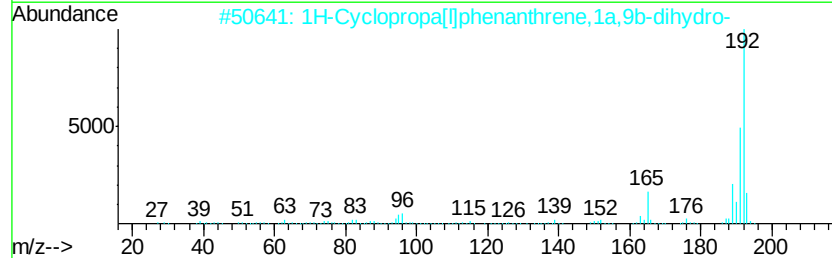
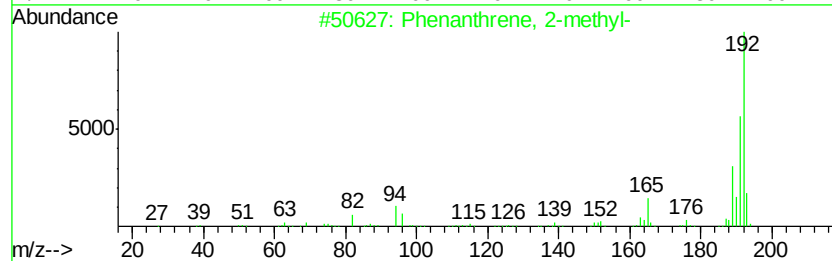
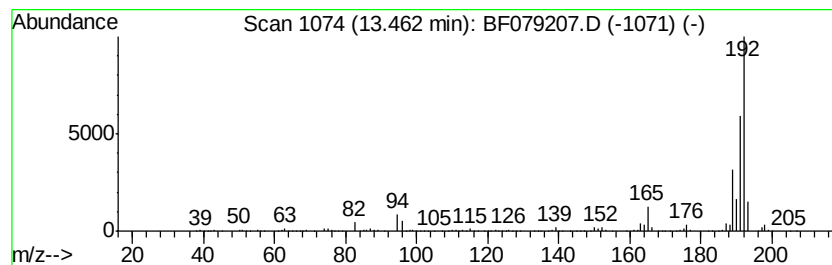
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	18.25 ng	658185	Phenanthrene-d10	12.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
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Sample : G2215-06
Misc :
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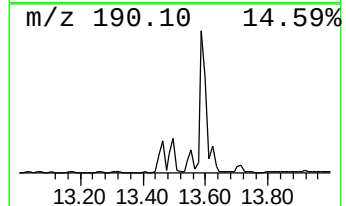
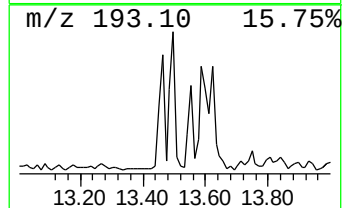
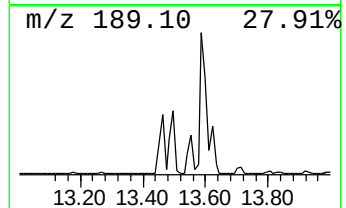
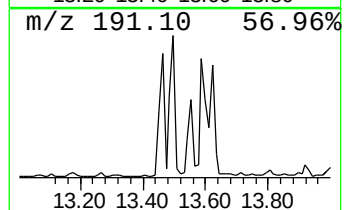
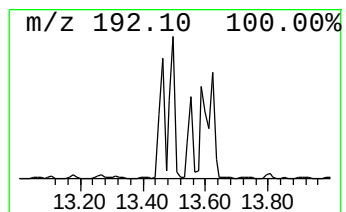
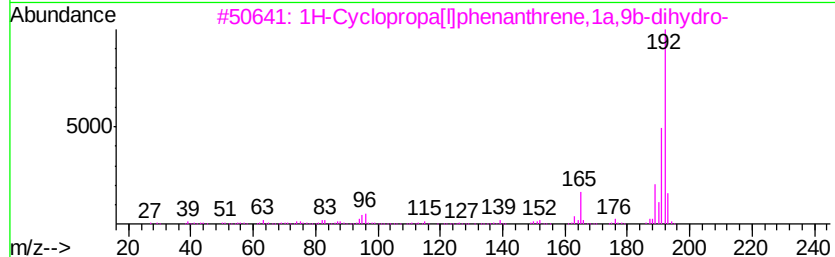
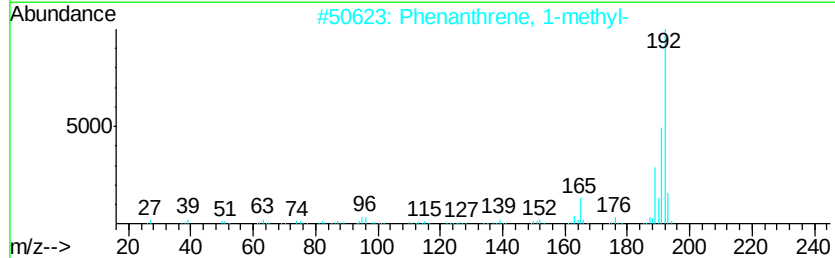
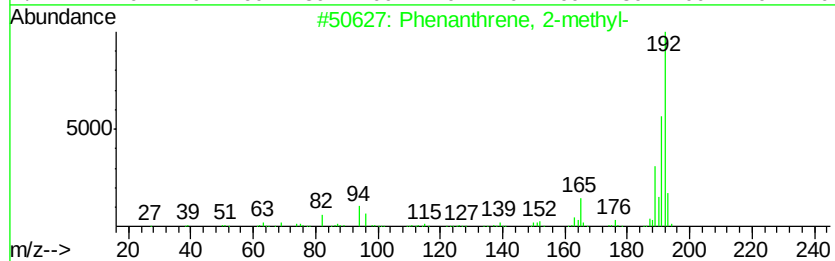
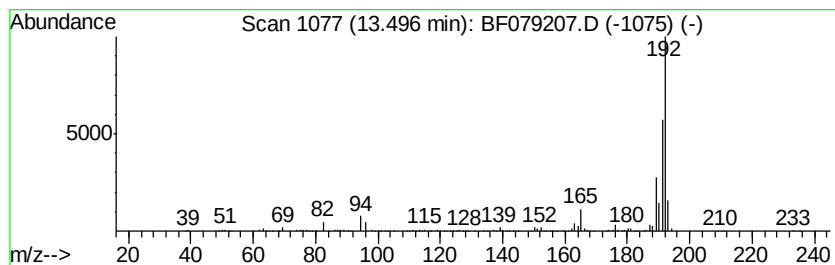
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.50	20.39 ng	735283	Phenanthrene-d10	12.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[1,1b]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079207.D
Acq On : 13 May 2015 21:41
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Sample : G2215-06
Misc :
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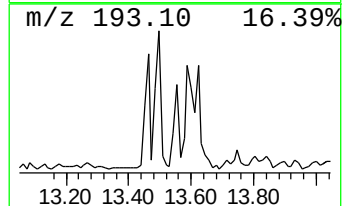
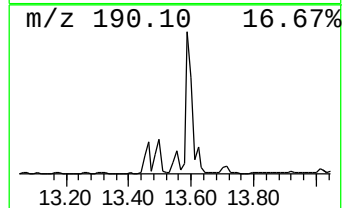
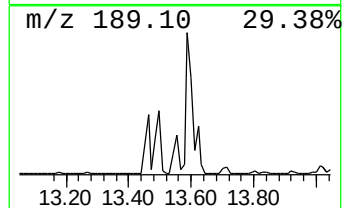
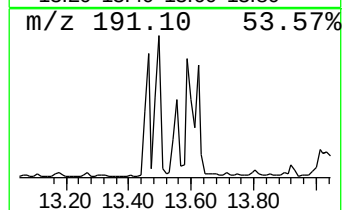
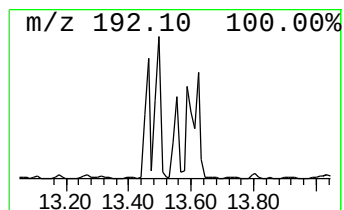
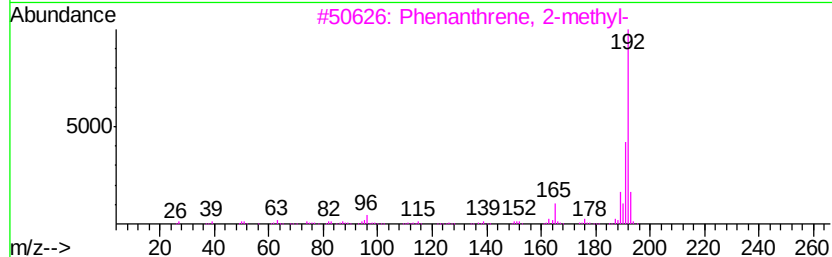
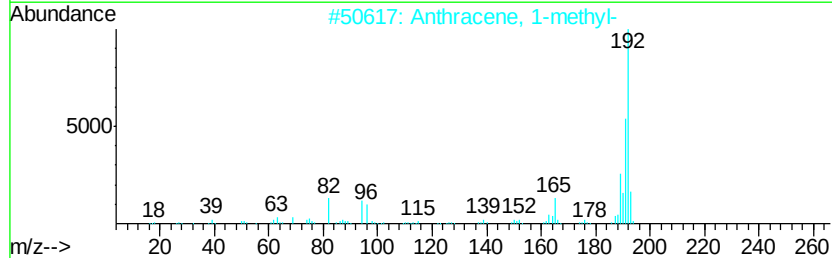
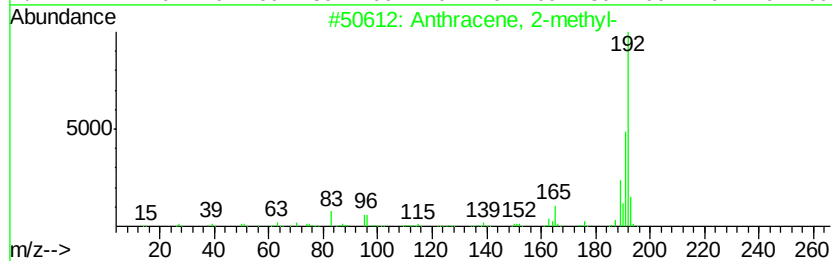
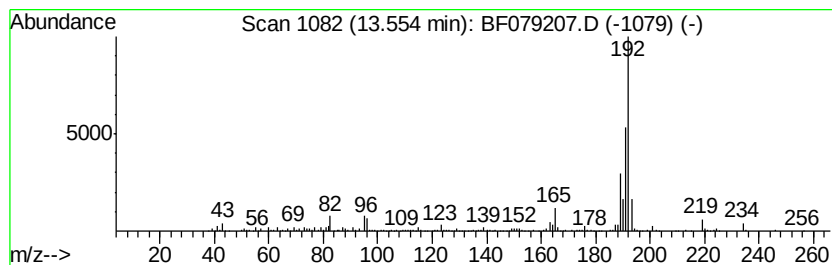
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	17.76 ng	640283	Phenanthrene-d10	12.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
Data File : BF079207.D
Acq On : 13 May 2015 21:41
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Sample : G2215-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

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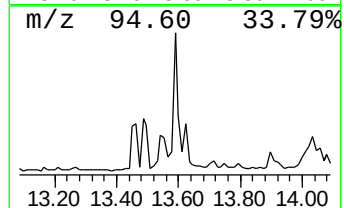
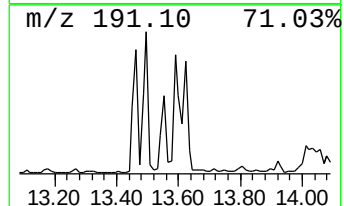
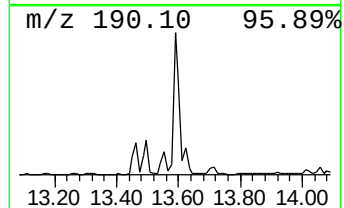
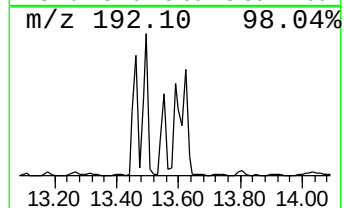
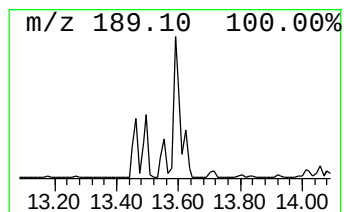
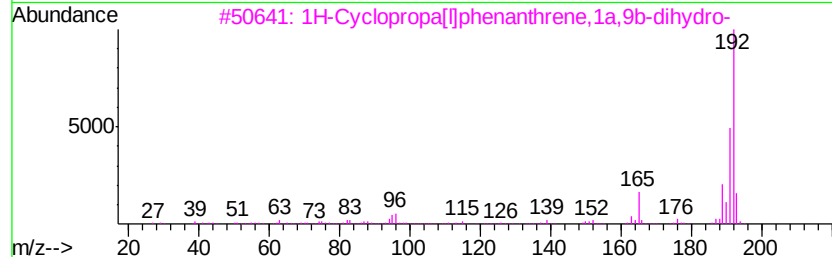
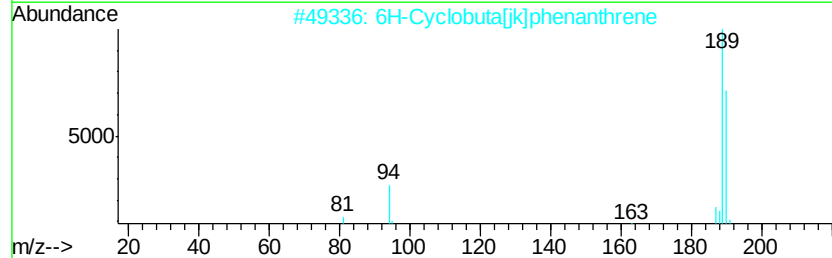
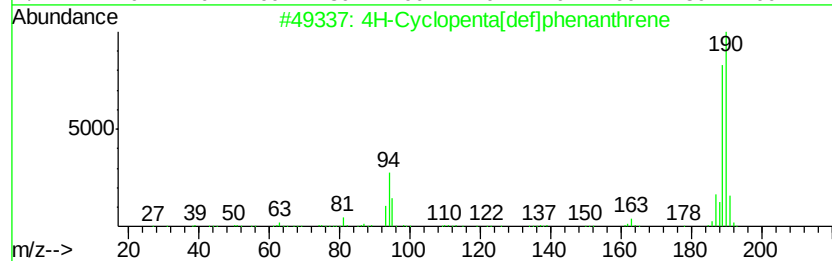
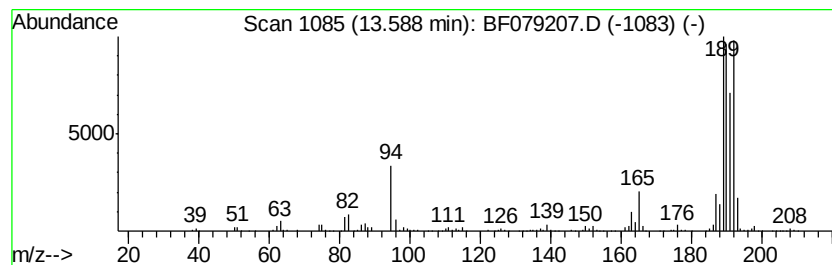
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	32.49 ng	1171620	Phenanthrene-d10	12.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
3		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
4		Naphtho[2,3-b]norborene	192	C15H12	107426-38-0	46
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079207.D
Acq On : 13 May 2015 21:41
Operator : TP/IZ
Sample : G2215-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

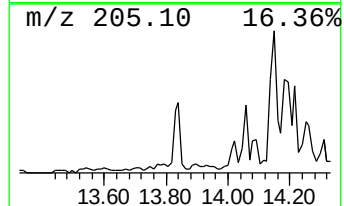
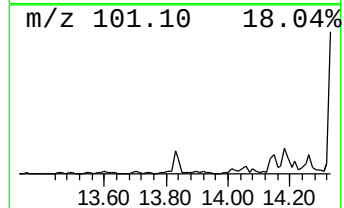
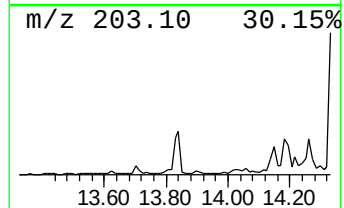
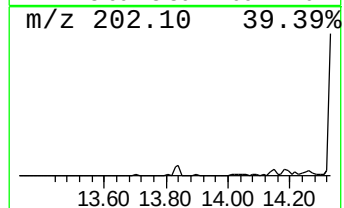
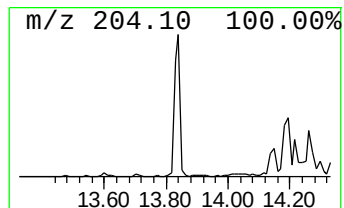
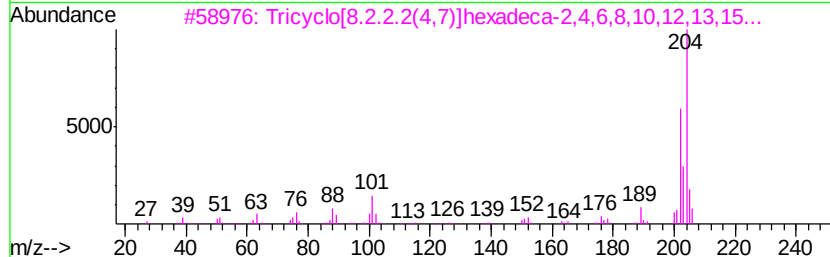
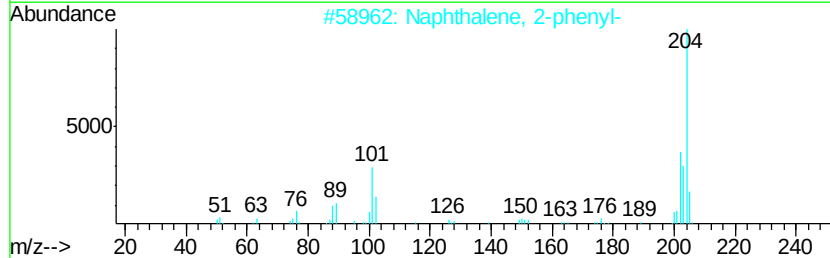
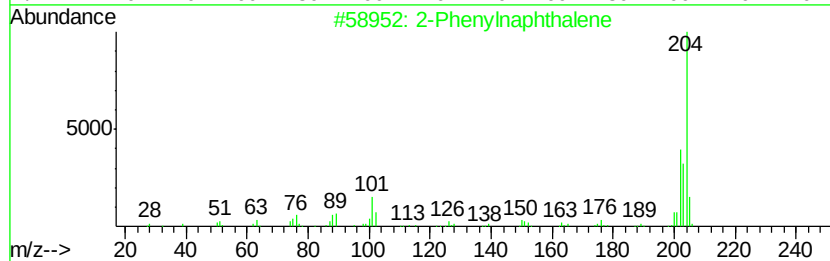
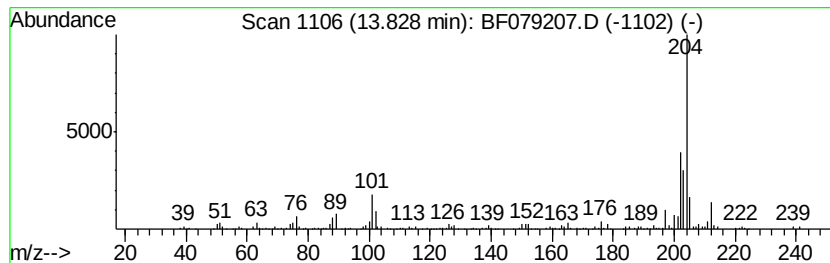
Instrument :
BNA_F
ClientSampleId :
SB-41D

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

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

Peak Number 16 2-Phenylnaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.83	13.23 ng	476880	Phenanthrene-d10	12.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079207.D
Acq On : 13 May 2015 21:41
Operator : TP/IZ
Sample : G2215-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

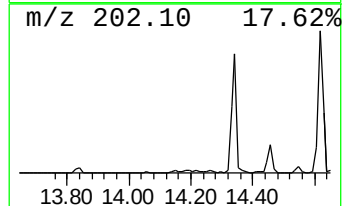
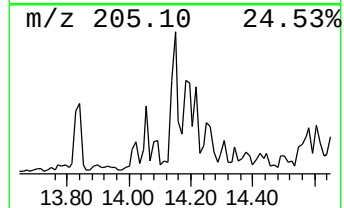
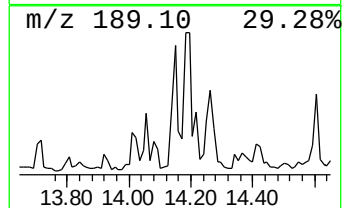
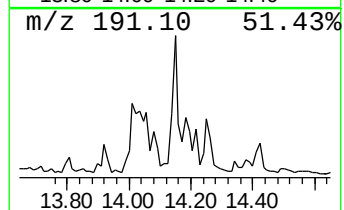
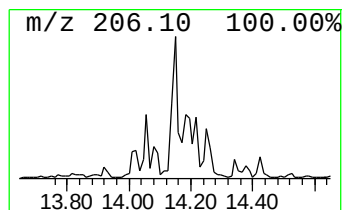
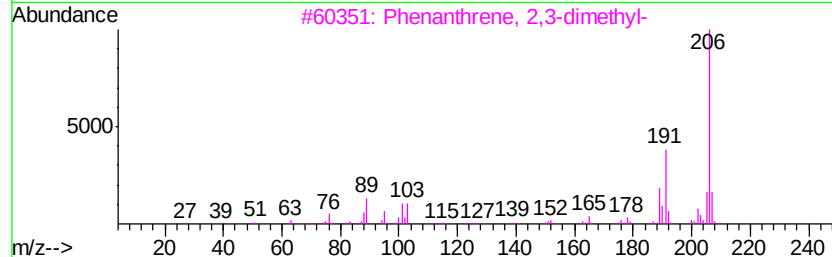
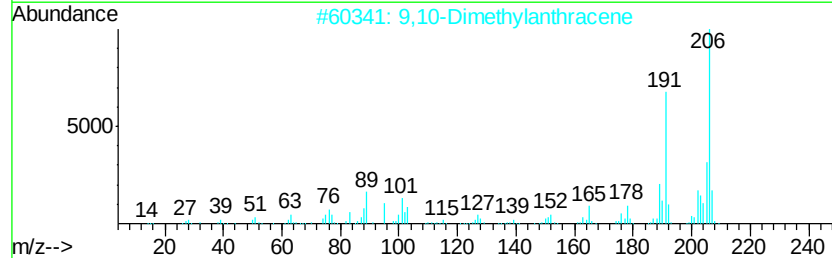
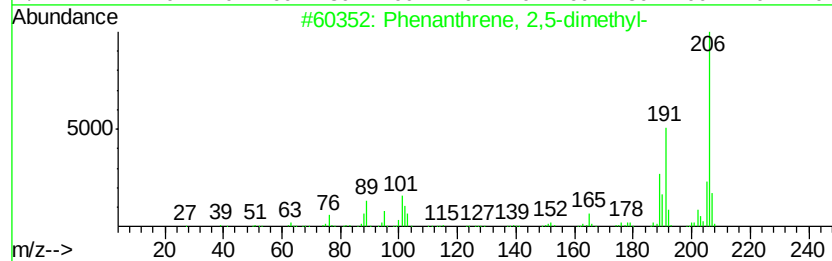
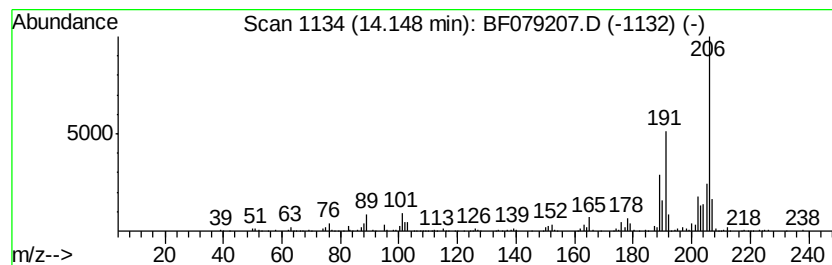
Instrument :
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ClientSampleId :
SB-41D

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 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.15	14.56 ng	524854	Phenanthrene-d10	12.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079207.D
Acq On : 13 May 2015 21:41
Operator : TP/IZ
Sample : G2215-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-41D

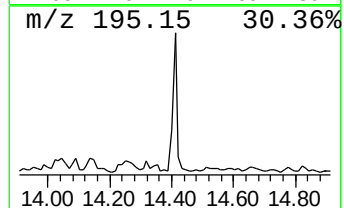
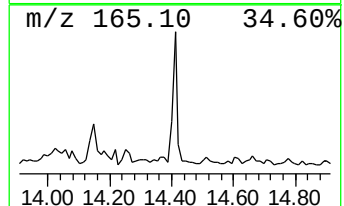
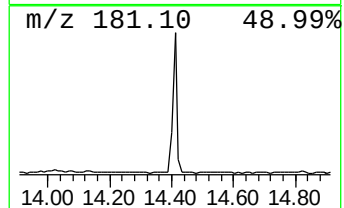
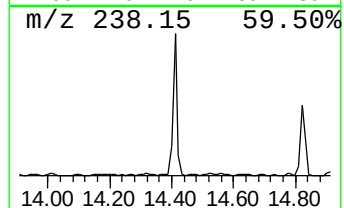
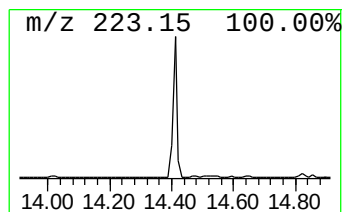
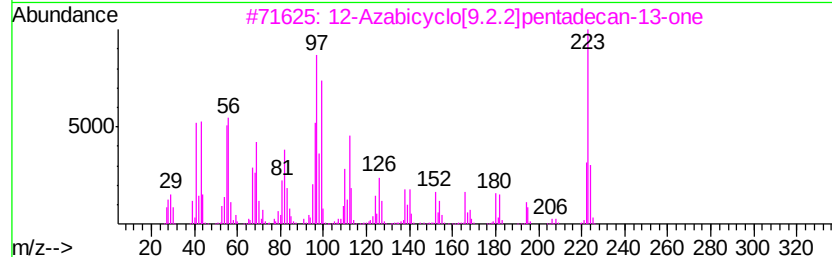
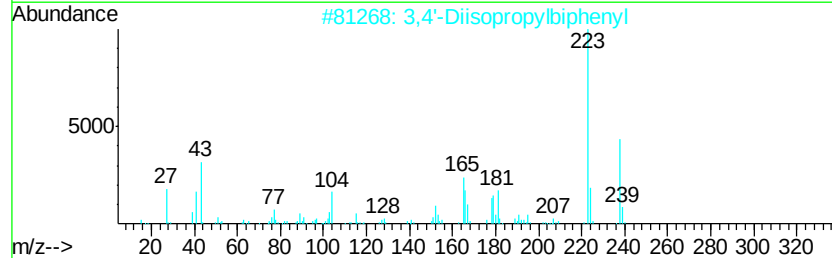
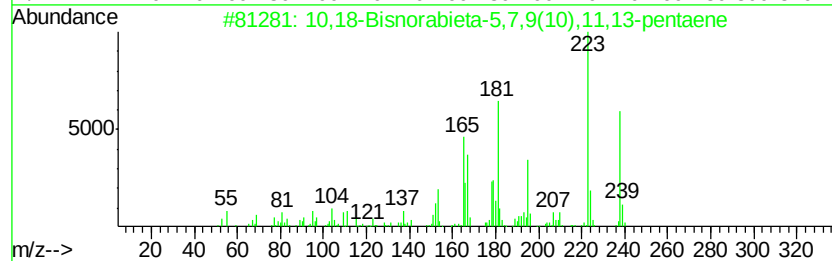
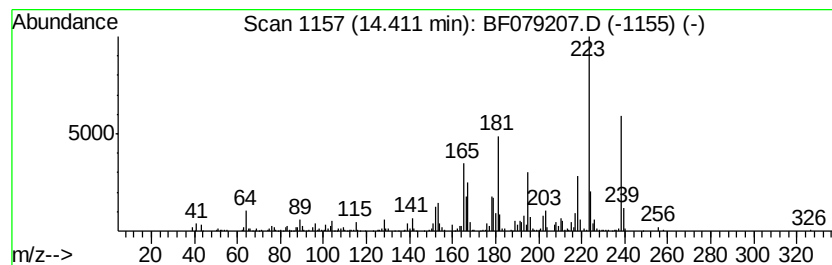
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	12.96 ng	467385	Phenanthrene-d10	12.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	86
3		12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	70
4		3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	49
5		4,4'-Diacetyl biphenyl	238	C16H14O2	000787-69-9	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
Data File : BF079207.D
Acq On : 13 May 2015 21:41
Operator : TP/IZ
Sample : G2215-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-41D

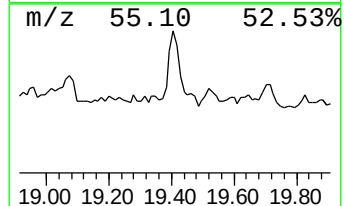
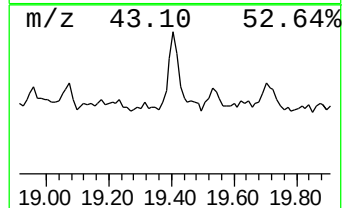
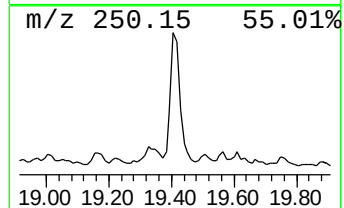
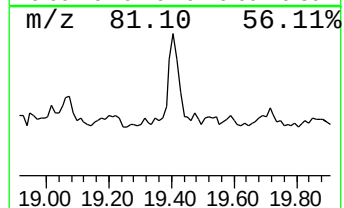
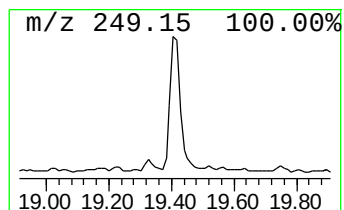
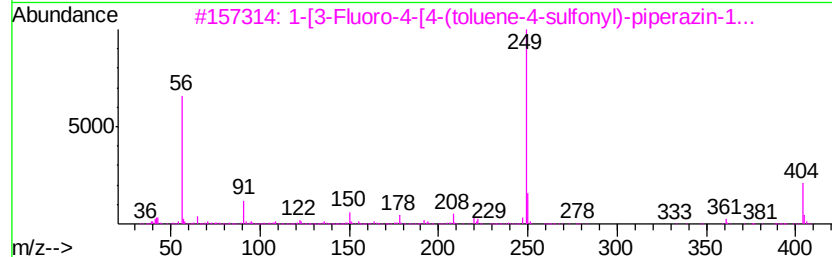
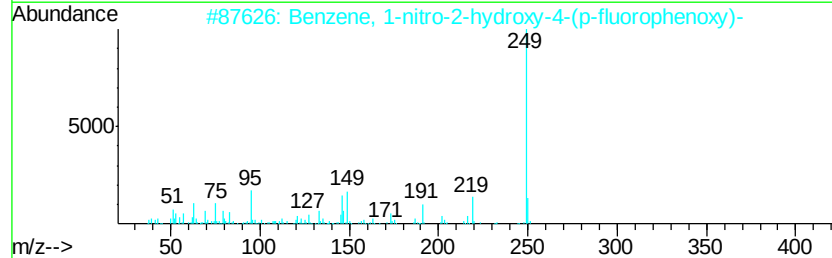
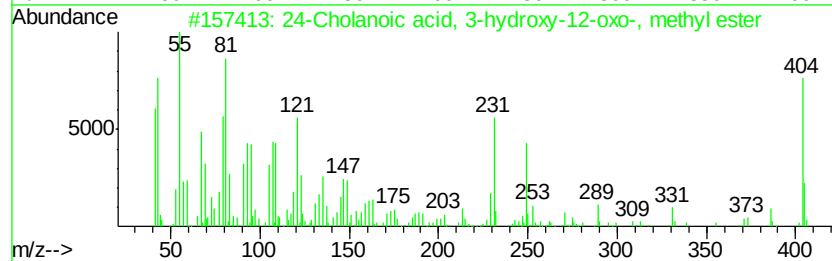
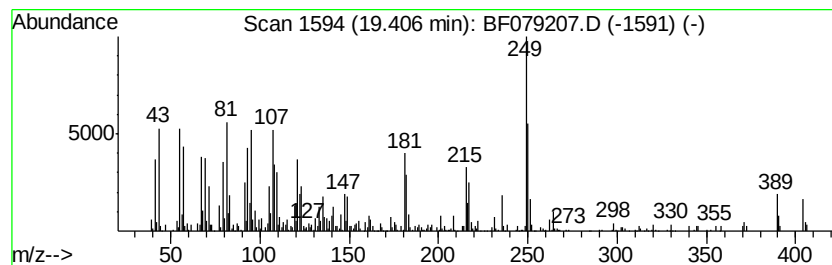
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown19.41 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.41	16.04 ng	531071	Perylene-d12	17.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	24-Cholanoic acid, 3-hydroxy-12-...	404	C25H40O4	028050-47-7	45
2		Benzene, 1-nitro-2-hydroxy-4-(p-...	249	C12H8FN04	189214-56-0	22
3		1-[3-Fluoro-4-[4-(toluene-4-sulf...	404	C21H25FN2O3S	333751-65-8	22
4		(4-Chloro-6-methoxy-[1,3,5]triaz...	250	C11H11ClN4O	059881-58-2	16
5		8H-Imidazo(2,1-f)purine, 8-methy...	249	C14H11N5	076063-86-0	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
 Data File : BF079207.D
 Acq On : 13 May 2015 21:41
 Operator : TP/IZ
 Sample : G2215-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2-Pentanone, 4-hy...	5.02	16.1	ng	291417	1	7.23	363033	20.0
unknown6.95	6.95	81.2	ng	1474080	1	7.23	363033	20.0
Naphthalene, 1-me...	9.82	38.2	ng	1212140	2	8.81	635188	20.0
Naphthalene, 2,6-...	10.48	19.2	ng	680377	3	10.98	708274	20.0
Naphthalene, 2,3-...	10.57	23.1	ng	817174	3	10.98	708274	20.0
Phenanthrene, 2-m...	13.46	18.3	ng	658185	4	12.83	721131	20.0
Phenanthrene, 1-m...	13.50	20.4	ng	735283	4	12.83	721131	20.0
Anthracene, 2-met...	13.55	17.8	ng	640283	4	12.83	721131	20.0
4H-Cyclopenta[def...	13.59	32.5	ng	1171620	4	12.83	721131	20.0
2-Phenylnaphthalene	13.83	13.2	ng	476880	4	12.83	721131	20.0
4b,8-Dimethyl-2-i...	14.02	27.1	ng	975852	4	12.83	721131	20.0
Phenanthrene, 2,5...	14.15	14.6	ng	524854	4	12.83	721131	20.0
10,18-Bisnorabiet...	14.41	13.0	ng	467385	4	12.83	721131	20.0
unknown19.41	19.41	16.0	ng	531071	6	17.89	662295	20.0