

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079205.D
 Acq On : 13 May 2015 20:43
 Operator : TP/IZ
 Sample : G2215-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-40S

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	15	17	20	rVB	1932814	2091720	50.66%	4.603%
2	1.507	25	28	32	rVB	59572	122470	2.97%	0.269%
3	1.701	41	45	51	rBV2	273125	541843	13.12%	1.192%
4	1.827	54	56	84	rVB	1653990	4129059	100.00%	9.086%
5	5.016	333	335	345	rBV	165543	297043	7.19%	0.654%
6	5.530	377	380	382	rBV	1070471	1245702	30.17%	2.741%
7	6.799	488	491	493	rBV	1535680	1365485	33.07%	3.005%
8	6.947	501	504	506	rBV	1213526	1502002	36.38%	3.305%
9	6.982	506	507	527	rVV	94663	354490	8.59%	0.780%
10	7.233	527	529	531	rVB	393102	358722	8.69%	0.789%
11	7.416	543	545	548	rBV	1035232	942415	22.82%	2.074%
12	7.919	587	589	592	rBV	619523	727073	17.61%	1.600%
13	8.810	664	667	669	rBV	509243	482349	11.68%	1.061%
14	10.159	782	785	787	rVB	1484268	1569206	38.00%	3.453%
15	10.662	827	829	831	rVV	84137	74251	1.80%	0.163%
16	10.811	838	842	844	rBV	81289	86420	2.09%	0.190%
17	10.879	844	848	852	rVV	22935	51791	1.25%	0.114%
18	10.982	855	857	859	rVV	567454	532593	12.90%	1.172%
19	11.073	862	865	868	rVV	26686	51383	1.24%	0.113%
20	11.519	899	904	905	rBV3	27178	57338	1.39%	0.126%
21	11.668	915	917	921	rBV2	38710	70013	1.70%	0.154%
22	11.862	933	934	940	rVB4	39406	52910	1.28%	0.116%
23	11.965	940	943	945	rBV	1019224	1065209	25.80%	2.344%
24	12.274	967	970	972	rBV4	38240	99034	2.40%	0.218%
25	12.354	974	977	979	rVV3	24990	61435	1.49%	0.135%
26	12.411	979	982	985	rVB	130876	201645	4.88%	0.444%
27	12.514	990	991	994	rVV3	40297	76548	1.85%	0.168%
28	12.571	994	996	1001	rVV2	70300	179384	4.34%	0.395%
29	12.651	1001	1003	1005	rVV	48437	74525	1.80%	0.164%
30	12.719	1005	1009	1010	rVV2	70006	162867	3.94%	0.358%
31	12.754	1010	1012	1016	rVV2	81907	217770	5.27%	0.479%
32	12.822	1016	1018	1020	rVV2	499600	736960	17.85%	1.622%
33	12.857	1020	1021	1023	rVV	839460	661803	16.03%	1.456%
34	12.914	1023	1026	1028	rVV	163903	256849	6.22%	0.565%

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

35	12.971	1028	1031	1034	rVV4	20661	49754	1.20%	0.109%
36	13.451	1071	1073	1075	rBV	91464	142696	3.46%	0.314%
37	13.508	1075	1078	1079	rVV2	180349	419872	10.17%	0.924%
38	13.542	1079	1081	1084	rVV2	1501608	2527717	61.22%	5.562%
39	13.588	1084	1085	1087	rVV	237283	318653	7.72%	0.701%
40	13.622	1087	1088	1091	rVB	129347	117164	2.84%	0.258%
41	13.828	1105	1106	1111	rVB2	77819	189160	4.58%	0.416%
42	13.988	1117	1120	1122	rBV	777983	1462569	35.42%	3.218%
43	14.034	1122	1124	1132	rVV	3177051	3692417	89.43%	8.125%
44	14.148	1132	1134	1136	rVV	126587	242858	5.88%	0.534%
45	14.182	1136	1137	1141	rVV2	90876	193199	4.68%	0.425%
46	14.240	1141	1142	1148	rVB3	82840	137372	3.33%	0.302%
47	14.342	1148	1151	1153	rBV	891438	1111792	26.93%	2.446%
48	14.457	1159	1161	1163	rVB	71466	82639	2.00%	0.182%
49	14.514	1163	1166	1170	rBV3	62739	121319	2.94%	0.267%
50	14.617	1172	1175	1178	rBV2	996675	1187575	28.76%	2.613%
51	14.777	1186	1189	1190	rBV	81037	82107	1.99%	0.181%
52	14.822	1190	1193	1196	rVB	1411616	1756319	42.54%	3.865%
53	14.902	1196	1200	1202	rVB3	78789	145835	3.53%	0.321%
54	15.040	1206	1212	1214	rVB2	96862	275451	6.67%	0.606%
55	15.120	1217	1219	1221	rVB	48110	53421	1.29%	0.118%
56	15.165	1221	1223	1226	rBV	182373	213435	5.17%	0.470%
57	15.280	1231	1233	1235	rBV	73945	73843	1.79%	0.162%
58	15.314	1235	1236	1238	rBV2	61238	69254	1.68%	0.152%
59	15.371	1238	1241	1243	rVB4	91192	135612	3.28%	0.298%
60	15.417	1243	1245	1247	rBV2	67469	109697	2.66%	0.241%
61	15.474	1248	1250	1253	rBV2	81454	99879	2.42%	0.220%
62	15.680	1265	1268	1272	rVB	126483	150103	3.64%	0.330%
63	15.817	1277	1280	1282	rBV2	91235	151381	3.67%	0.333%
64	15.863	1282	1284	1287	rVV3	101968	207271	5.02%	0.456%
65	15.908	1287	1288	1290	rVV	41532	77708	1.88%	0.171%
66	15.954	1290	1292	1295	rVB	110562	145711	3.53%	0.321%
67	16.023	1296	1298	1304	rBV3	185058	394187	9.55%	0.867%
68	16.148	1306	1309	1311	rVV2	730974	1421510	34.43%	3.128%
69	16.194	1311	1313	1318	rVB2	449155	698930	16.93%	1.538%
70	16.285	1318	1321	1323	rBV2	62219	95941	2.32%	0.211%
71	16.423	1331	1333	1335	rVB3	39697	62031	1.50%	0.136%

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72	16.468	1335	1337	1339	rBV	103915	136092	3.30%	0.299%
73	16.685	1353	1356	1358	rVV	131609	185742	4.50%	0.409%
74	16.731	1358	1360	1363	rVV	66117	107996	2.62%	0.238%
75	16.811	1366	1367	1369	rVV2	52142	62264	1.51%	0.137%
76	16.857	1369	1371	1372	rVV2	49691	73511	1.78%	0.162%
77	16.903	1373	1375	1379	rVV	136006	225244	5.46%	0.496%
78	16.971	1379	1381	1384	rVB3	51124	78106	1.89%	0.172%
79	17.040	1385	1387	1391	rBV3	21001	49881	1.21%	0.110%
80	17.108	1391	1393	1394	rBV	43284	53360	1.29%	0.117%
81	17.326	1410	1412	1417	rBV4	83454	170431	4.13%	0.375%
82	17.543	1427	1431	1437	rBV	428360	1068485	25.88%	2.351%
83	17.668	1440	1442	1445	rVB	97703	131663	3.19%	0.290%
84	17.760	1448	1450	1451	rBV	106934	149977	3.63%	0.330%
85	17.897	1459	1462	1465	rVB	239748	352313	8.53%	0.775%
86	17.966	1465	1468	1471	rVB	373888	566475	13.72%	1.247%
87	18.034	1471	1474	1476	rBV	558250	754917	18.28%	1.661%
88	18.194	1485	1488	1493	rVB4	55789	128374	3.11%	0.282%
89	18.400	1504	1506	1511	rVB2	75193	125683	3.04%	0.277%
90	18.640	1525	1527	1530	rBV	96786	155736	3.77%	0.343%
91	18.697	1530	1532	1535	rVB2	48153	86824	2.10%	0.191%
92	18.971	1553	1556	1563	rVB4	102715	215253	5.21%	0.474%
93	19.143	1569	1571	1574	rBV2	46938	107241	2.60%	0.236%
94	19.337	1586	1588	1592	rVB	57062	97493	2.36%	0.215%
95	19.440	1594	1597	1599	rVV2	56329	101799	2.47%	0.224%
96	19.497	1599	1602	1607	rVB2	182164	381461	9.24%	0.839%
97	19.680	1616	1618	1620	rBV	53568	111831	2.71%	0.246%
98	19.737	1621	1623	1626	rVB3	75270	154948	3.75%	0.341%
99	19.920	1636	1639	1644	rVB	164519	357463	8.66%	0.787%
100	20.126	1653	1657	1664	rBV3	92991	337497	8.17%	0.743%

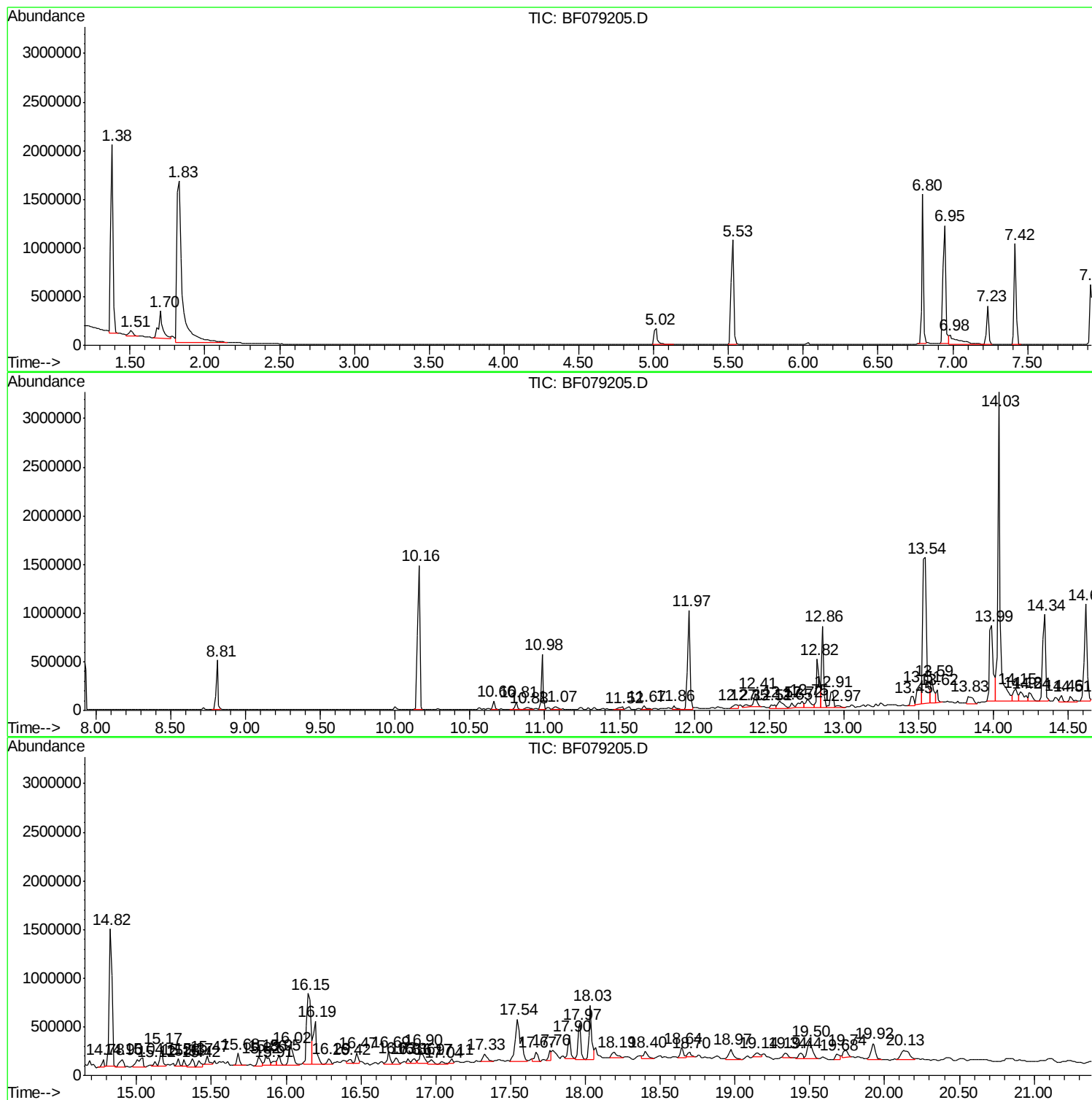
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Instrument :
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ClientSampled :
SB-40S

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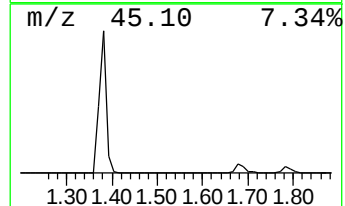
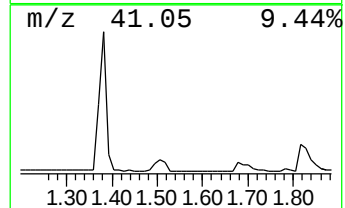
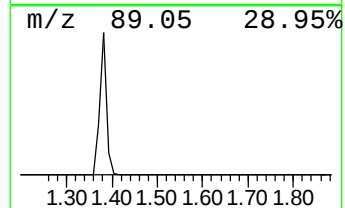
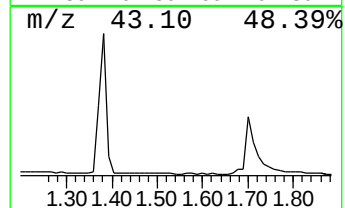
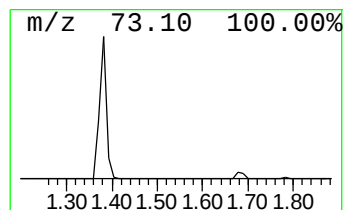
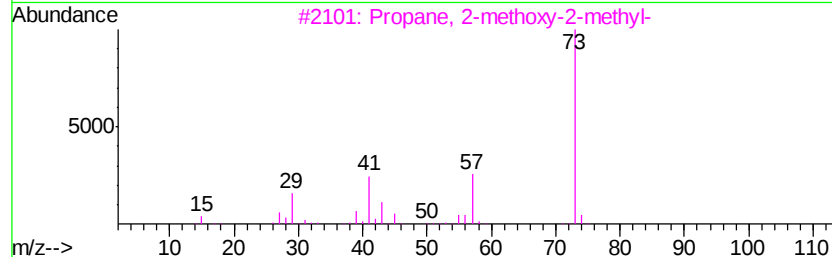
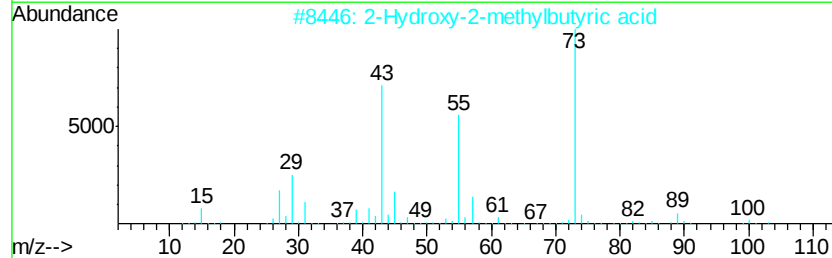
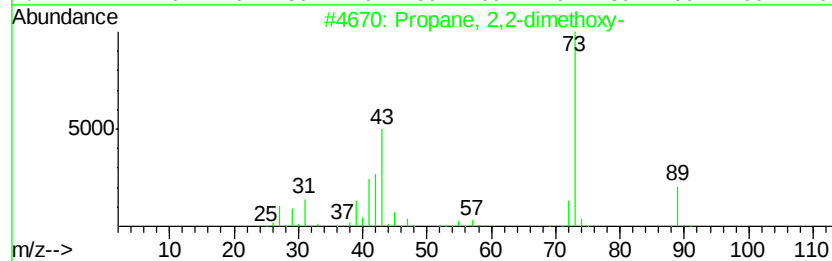
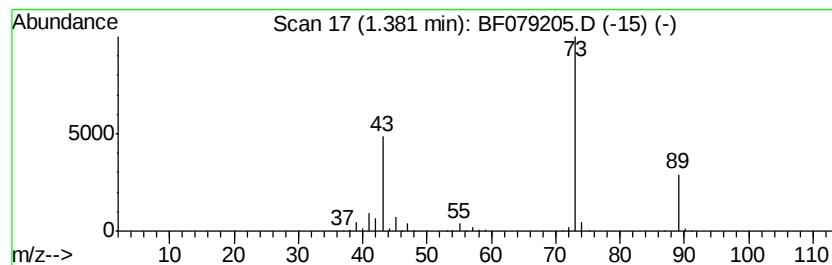
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
1.38	116.62 ng	2091720	1,4-Dichlorobenzene-d4	7.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56	
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	N-Ethylformamide	73	C3H7NO	000627-45-2	5	
5	1,3,5-Trioxane	90	C3H6O3	000110-88-3	4	



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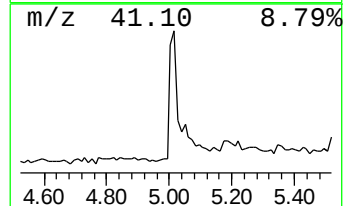
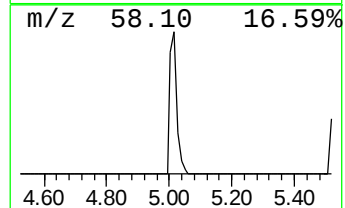
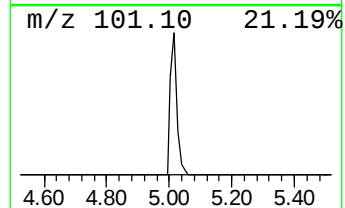
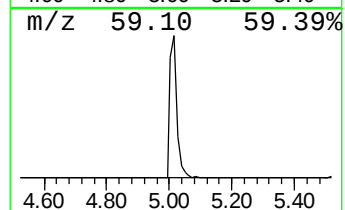
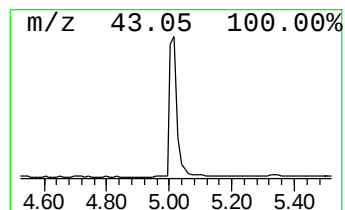
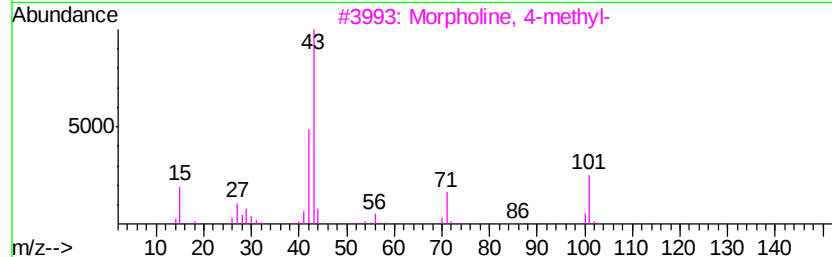
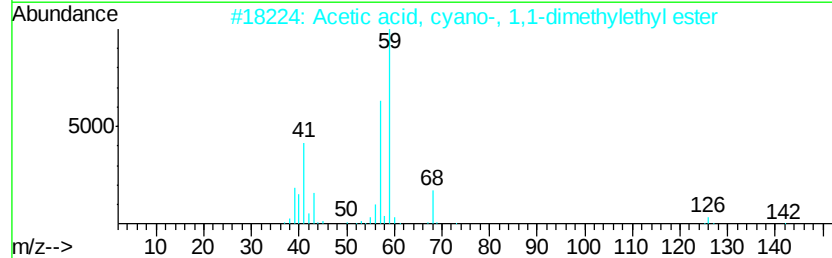
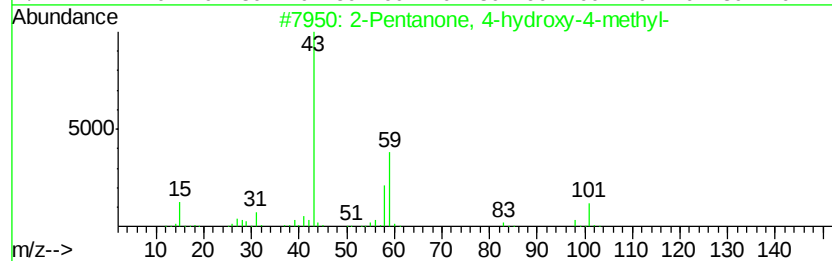
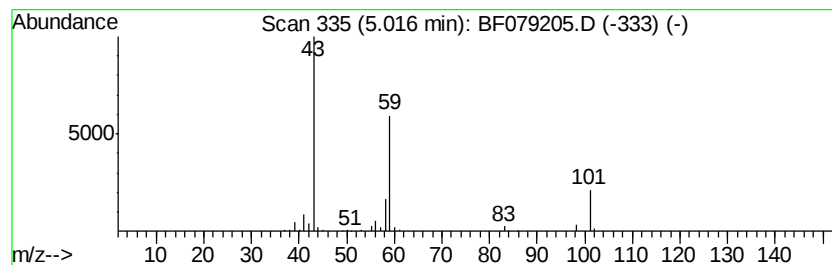
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	16.56 ng	297043	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, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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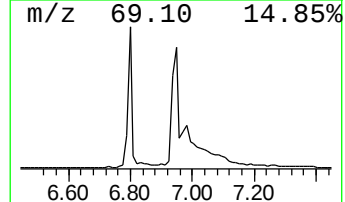
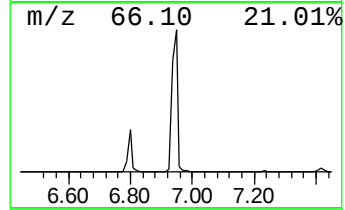
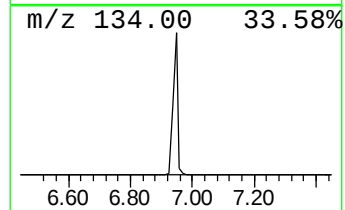
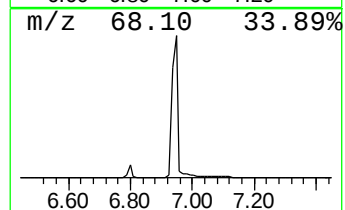
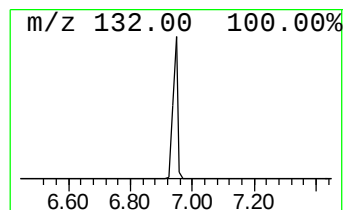
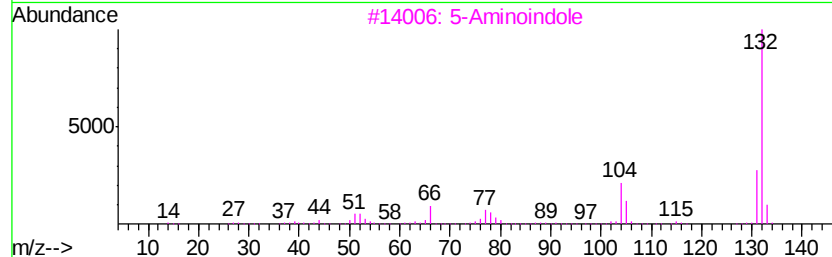
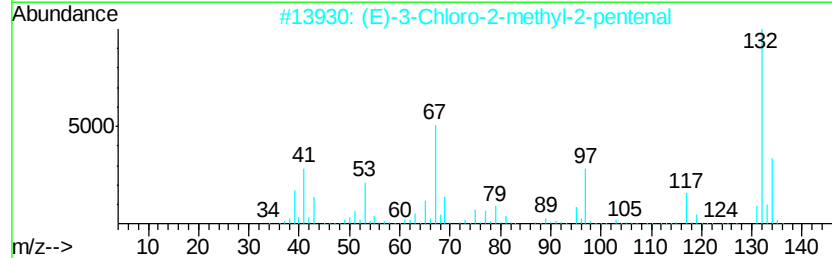
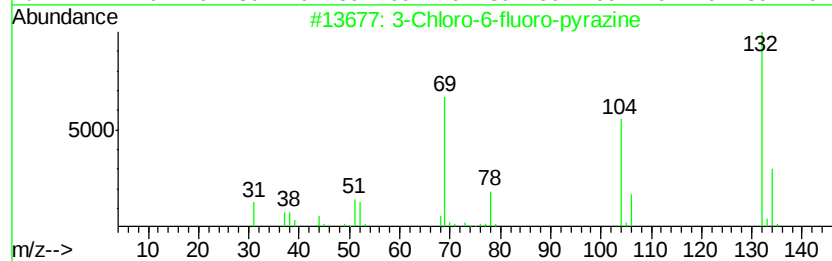
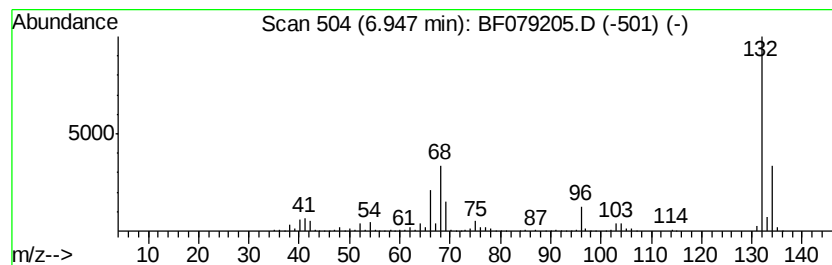
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Peak Number 6 unknown6.95 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	83.74 ng	1502000	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	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079205.D
Acq On : 13 May 2015 20:43
Operator : TP/IZ
Sample : G2215-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-40S

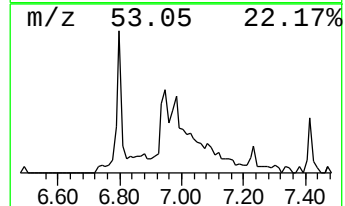
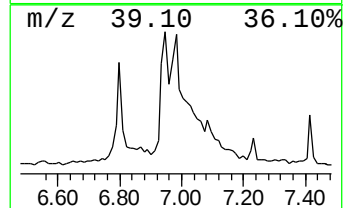
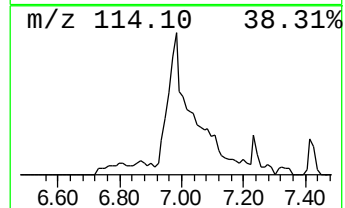
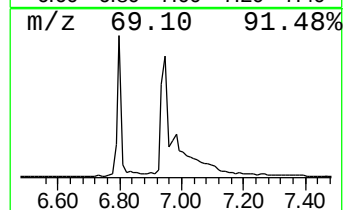
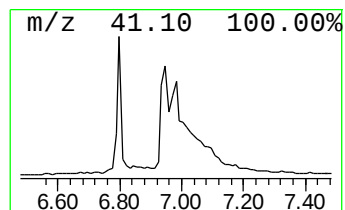
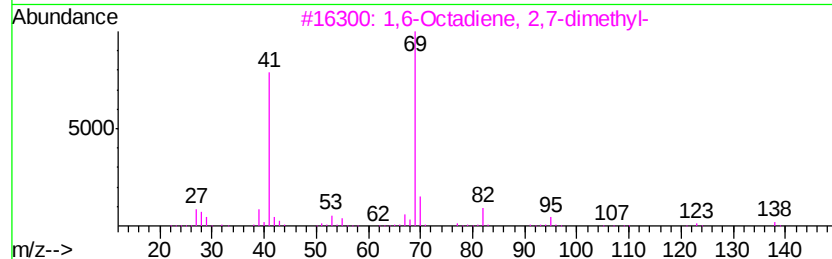
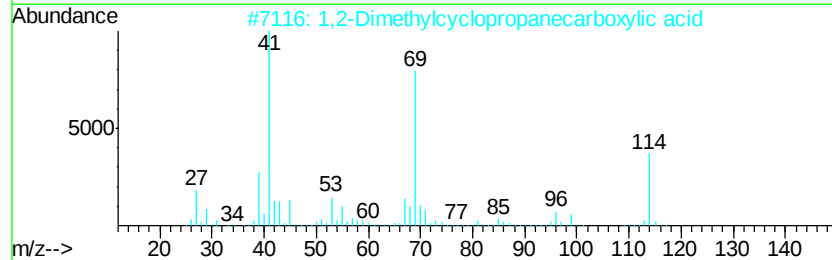
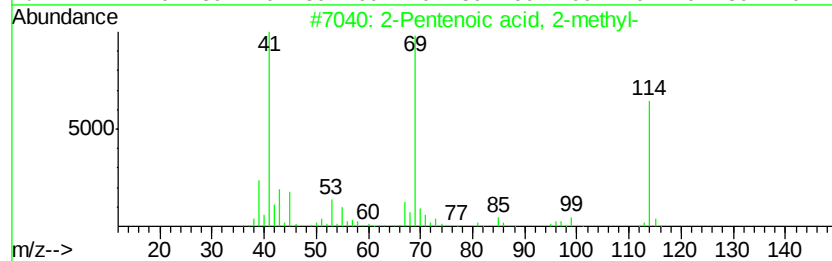
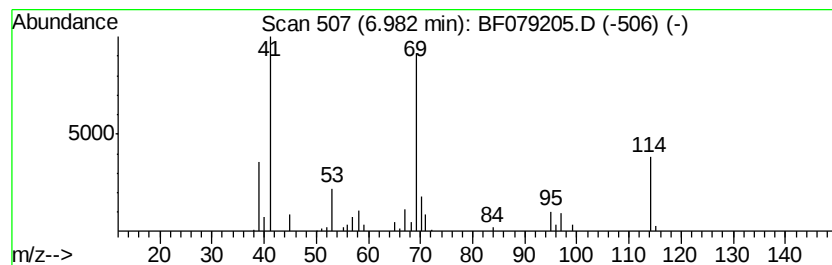
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.98 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	19.76 ng	354490	1,4-Dichlorobenzene-d4	7.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	42
2		1,2-Dimethylcyclopropanecarboxyl...	114	C6H10O2	1000191-14-6	38
3		1,6-Octadiene, 2,7-dimethyl-	138	C10H18	040195-09-3	32
4		2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	014617-88-0	25
5		1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	23



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
Data File : BF079205.D
Acq On : 13 May 2015 20:43
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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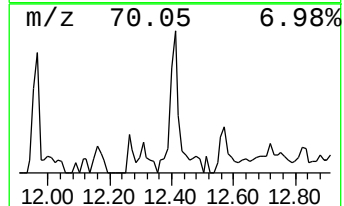
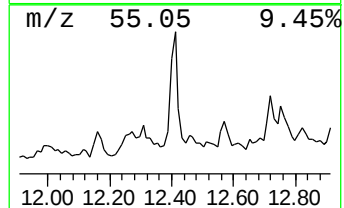
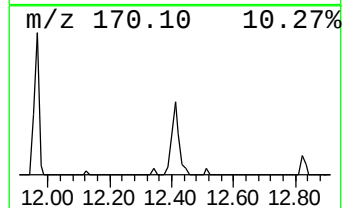
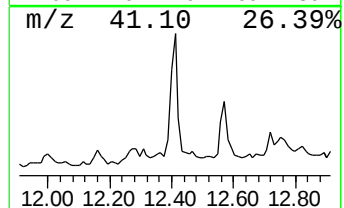
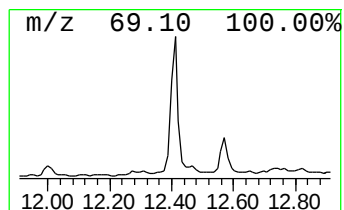
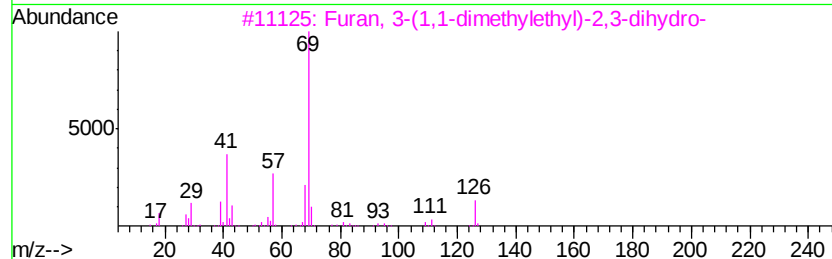
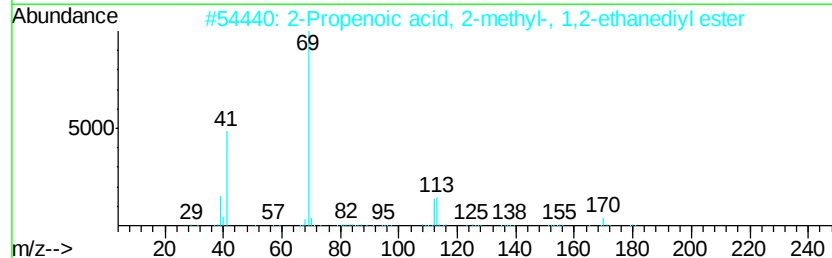
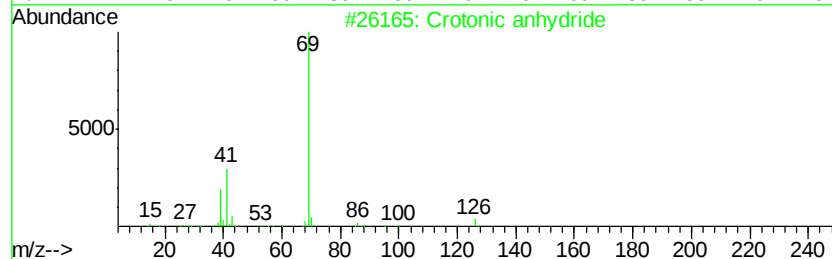
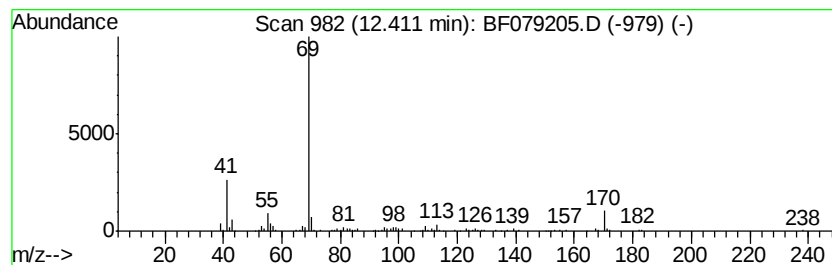
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.41 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	5.47 ng	201645	Phenanthrene-d10	12.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Crotonic anhydride	154	C8H10O3	000623-68-7	45
2		2-Propenoic acid, 2-methyl-, 1,2...	198	C10H14O4	000097-90-5	39
3		Furan, 3-(1,1-dimethylethyl)-2,3...	126	C8H14O	034314-82-4	9
4		1-Pentyn-1-ol, 4-methyl-	98	C6H10O	053778-57-7	9
5		2-Butenoic acid, ethyl ester, (E)-	114	C6H10O2	000623-70-1	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079205.D
Acq On : 13 May 2015 20:43
Operator : TP/IZ
Sample : G2215-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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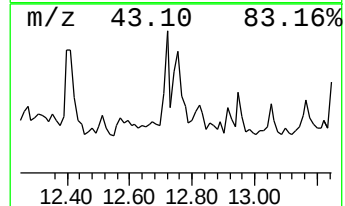
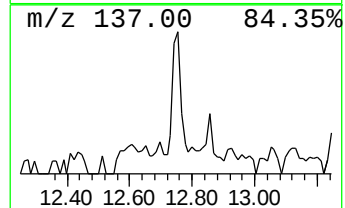
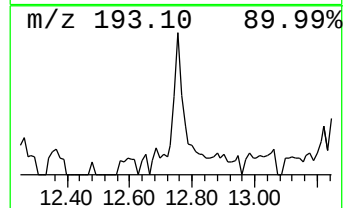
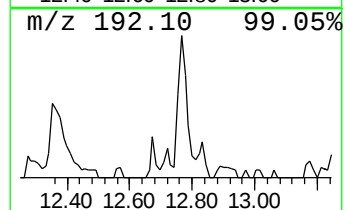
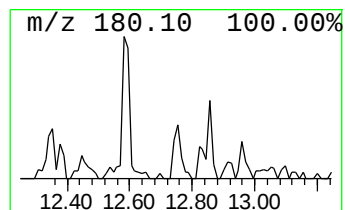
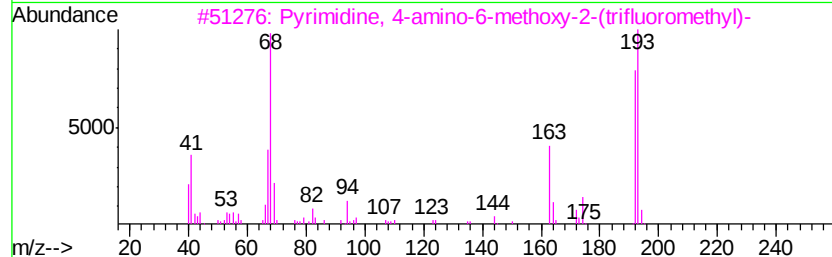
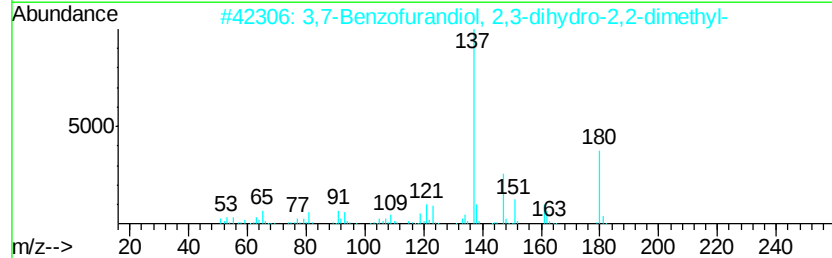
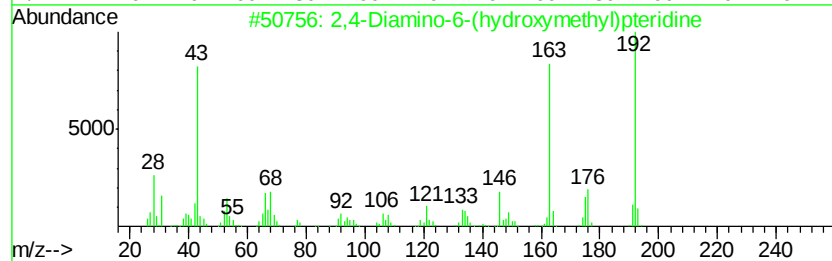
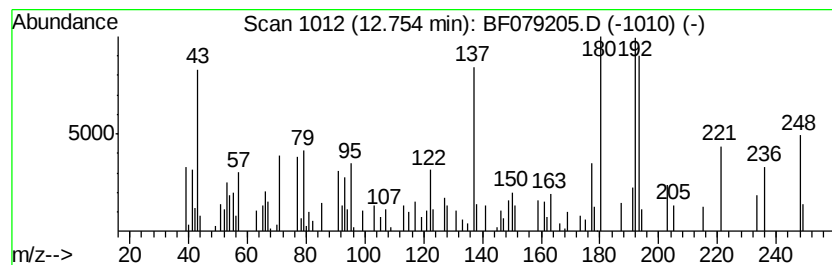
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown12.75 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	5.91 ng	217770	Phenanthrene-d10	12.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	18		
2	3,7-Benzofurandiyl, 2,3-dihydro-...	180	C10H12O3	017781-15-6	18		
3	Pvrimidine, 4-amino-6-methoxy-2-...	193	C6H6F3N3O	016097-49-7	18		
4	Methanimidamide, N,N-dimethyl-N'...	193	C9H11N3O2	001205-59-0	15		
5	2,5-Dihydroxy-4-isopropyl-2,4,6-...	180	C10H12O3	054755-56-5	14		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079205.D
Acq On : 13 May 2015 20:43
Operator : TP/IZ
Sample : G2215-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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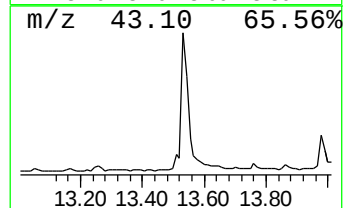
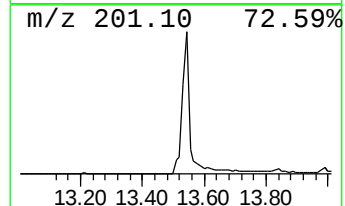
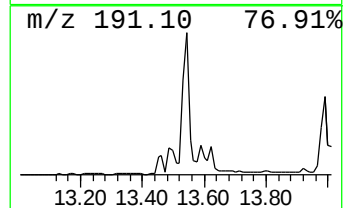
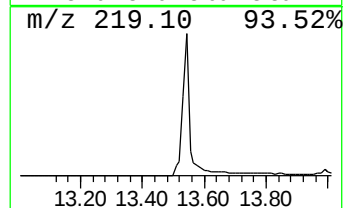
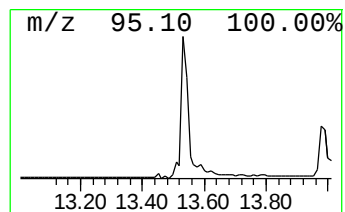
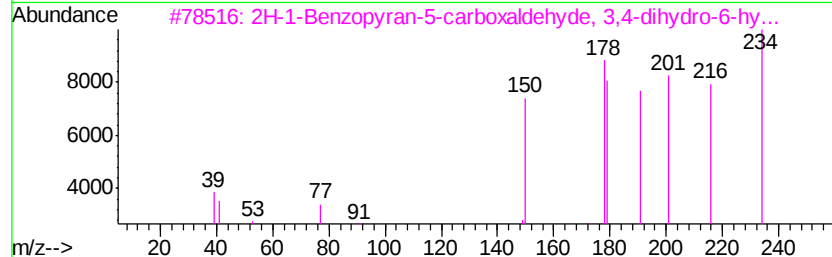
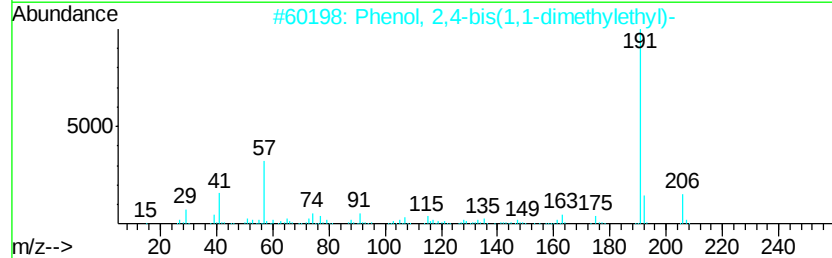
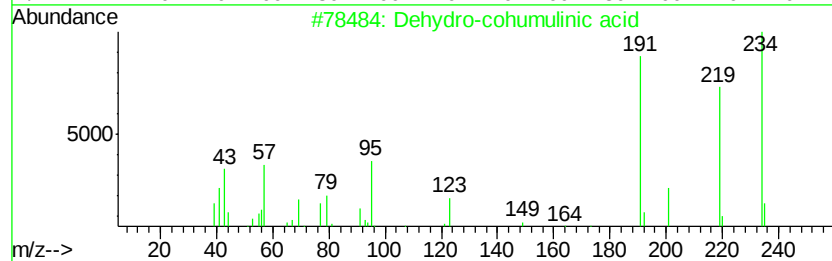
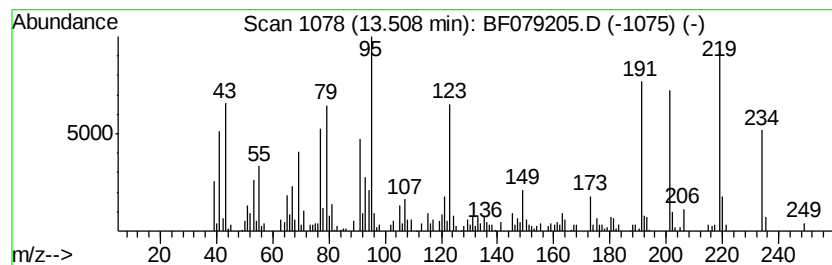
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown13.51 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	11.39 ng	419872	Phenanthrene-d10	12.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dehydro-cohumulinic acid	234	C14H18O3	1000041-27-1	43
2		Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	40
3		2H-1-Benzopyran-5-carboxaldehyde...	234	C14H18O3	006133-18-2	35
4		2-tert-Butyl-4-hexylphenol	234	C16H26O	1000224-36-4	20
5		2-Propanone, 1-(5-phenyl-3H-1,2-...	234	C12H10O2	027315-83-9	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079205.D
Acq On : 13 May 2015 20:43
Operator : TP/IZ
Sample : G2215-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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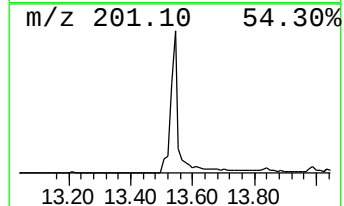
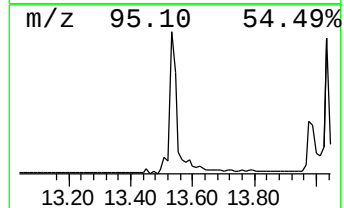
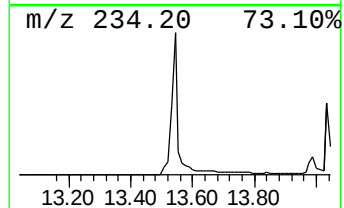
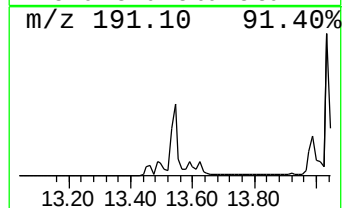
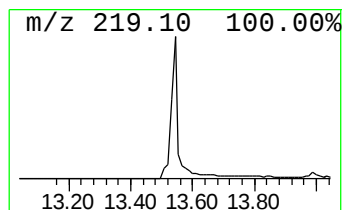
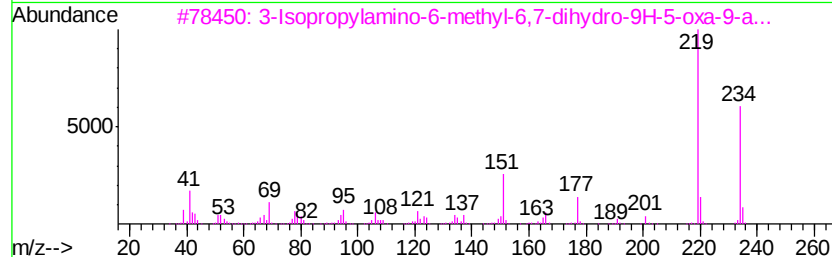
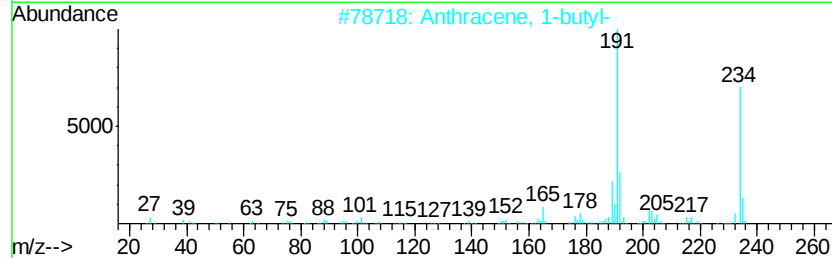
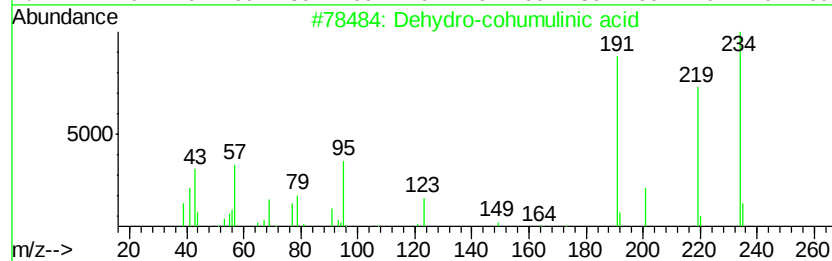
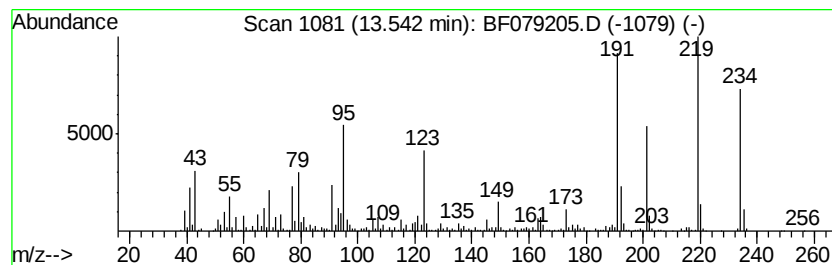
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown13.54 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	68.60 ng	2527720	Phenanthrene-d10	12.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dehydro-cohumulinic acid	234	C14H18O3	1000041-27-1	95
2		Anthracene, 1-butyl-	234	C18H18	1000156-51-7	27
3		3-Isopropylamino-6-methyl-6,7-di...	234	C13H18N2O2	145220-69-5	27
4		[1,2]Dithiol[1,5-b][1,2]oxathio...	234	C12H10O2S2	074810-14-3	25
5		Naphthalene, 1-difluoroboryloxy-...	234	C12H9BF2O2	002367-23-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
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Misc :
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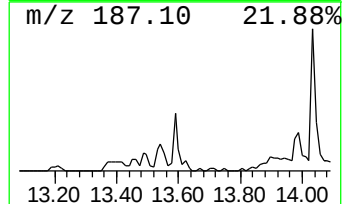
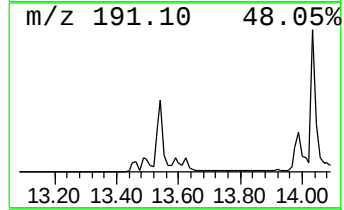
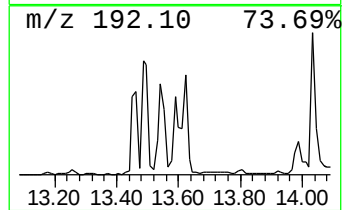
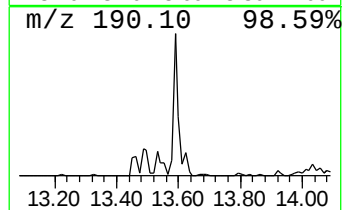
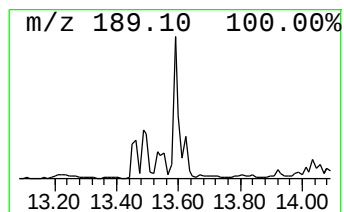
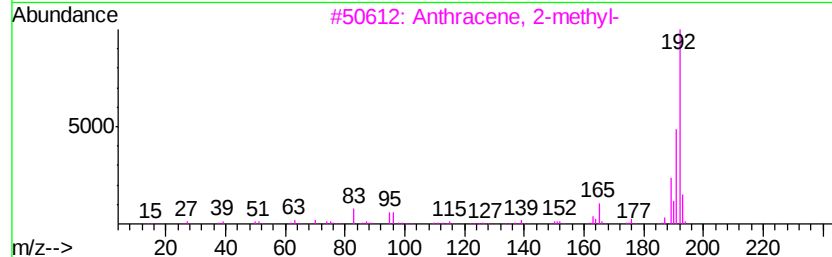
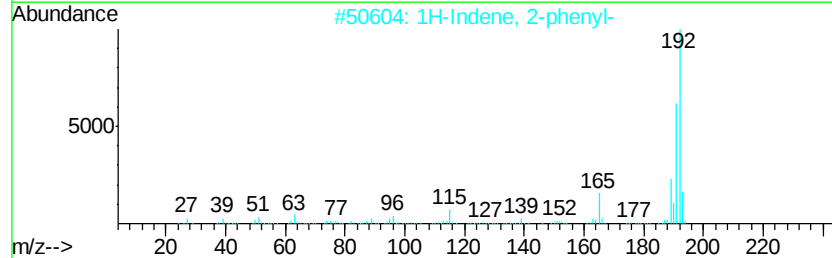
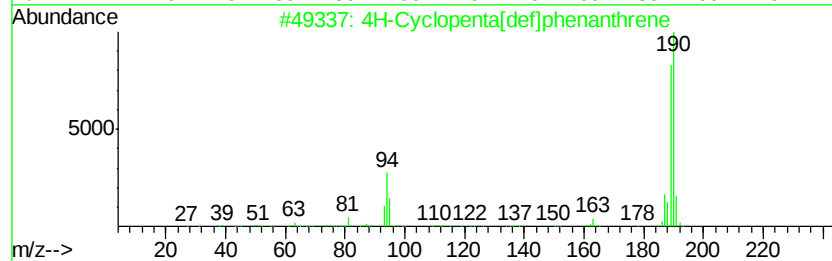
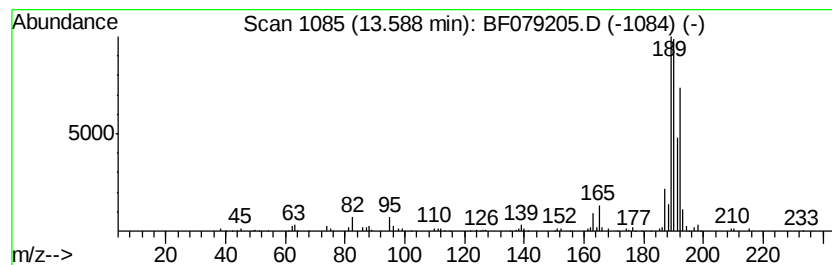
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.59	8.65 ng	318653	Phenanthrene-d10	12.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	41
5	Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
Data File : BF079205.D
Acq On : 13 May 2015 20:43
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ALS Vial : 10 Sample Multiplier: 1

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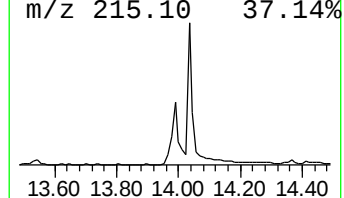
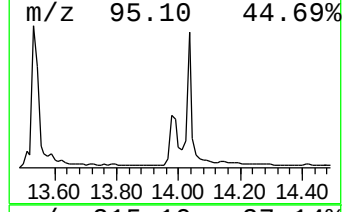
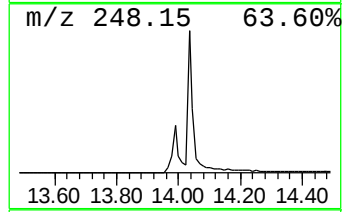
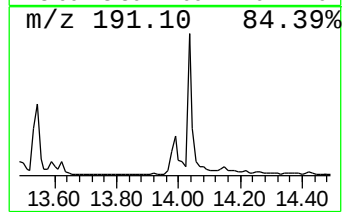
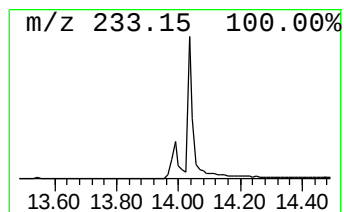
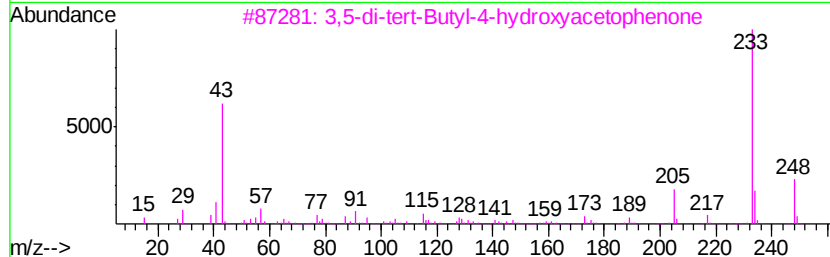
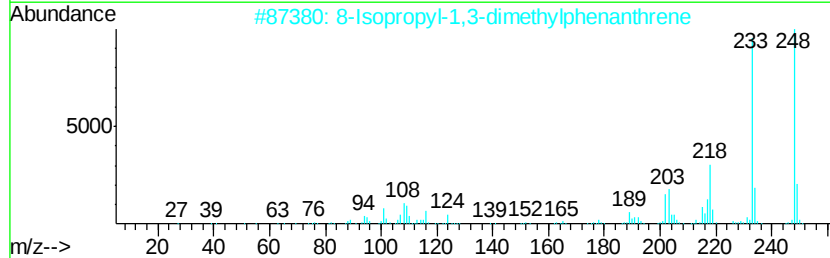
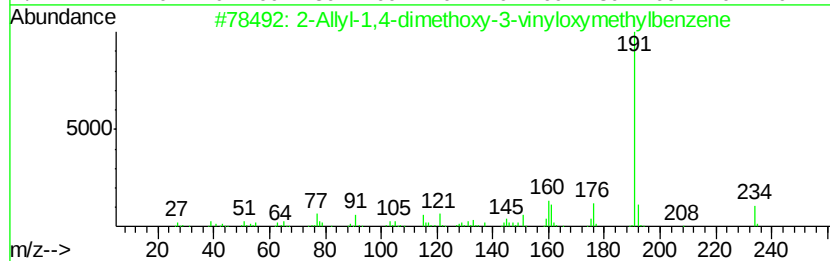
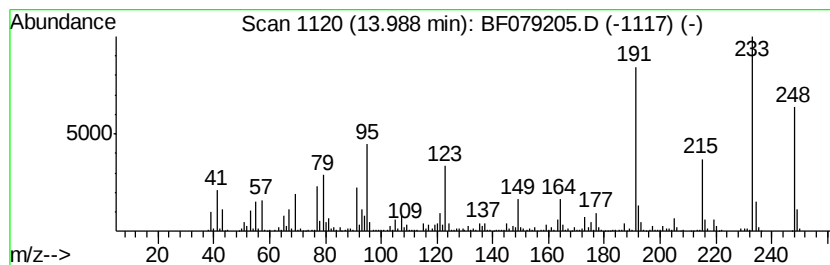
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.99 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	39.69 ng	1462570	Phenanthrene-d10	12.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Allyl-1,4-dimethoxy-3-vinyloxy...	234	C14H18O3	1000188-16-6	35
2		8-Isopropyl-1,3-dimethylphenanth...	248	C19H20	135886-06-5	30
3		3,5-di-tert-Butyl-4-hydroxyaceto...	248	C16H24O2	014035-33-7	22
4		1H-Phenanthro[9,10-d]imidazol-2-...	233	C15H11N3	037052-13-4	22
5		Spiro[4H-1,3,2-benzodioxaborin-4...	234	C14H23BO2	062238-27-1	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079205.D
Acq On : 13 May 2015 20:43
Operator : TP/IZ
Sample : G2215-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-40S

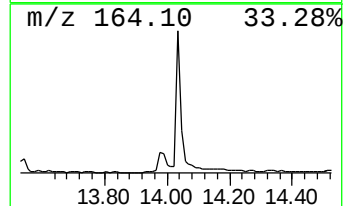
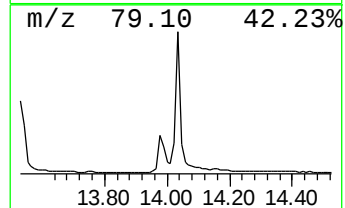
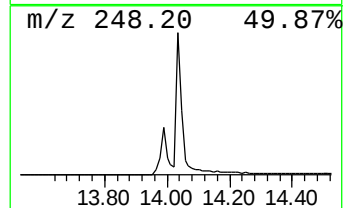
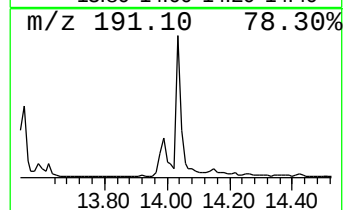
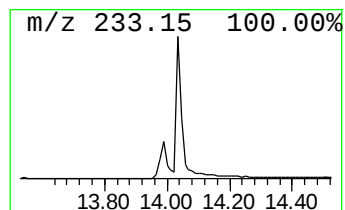
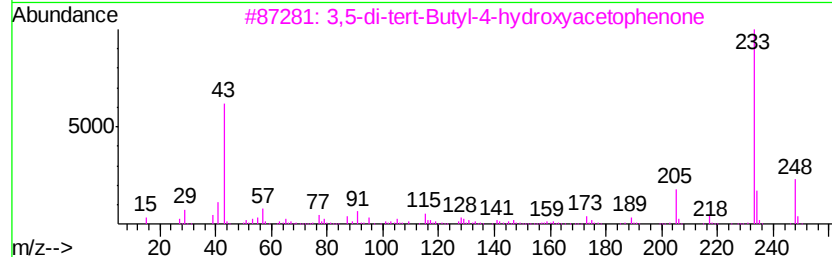
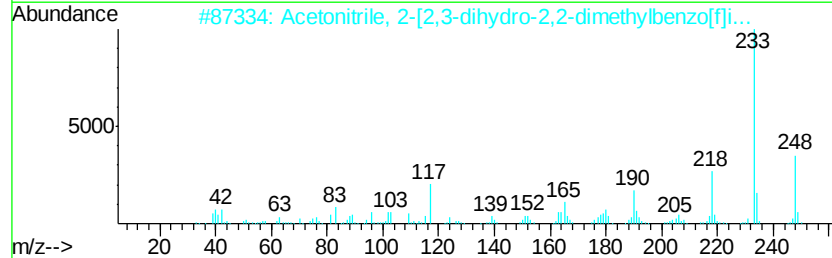
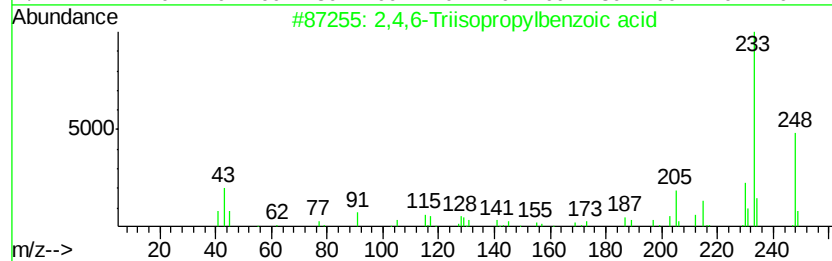
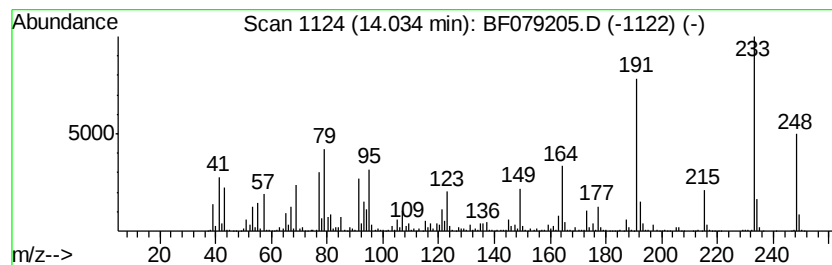
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown14.03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	100.21 ng	3692420	Phenanthrene-d10	12.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,6-Triisopropylbenzoic acid	248	C16H24O2	049623-71-4	30
2		Acetonitrile, 2-[2,3-dihydro-2,2...	248	C17H16N2	144498-83-9	30
3		3,5-di-tert-Butyl-4-hydroxyaceto...	248	C16H24O2	014035-33-7	27
4		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	25
5		2-Allyl-1,4-dimethoxy-3-vinyloxy...	234	C14H18O3	1000188-16-6	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079205.D
Acq On : 13 May 2015 20:43
Operator : TP/IZ
Sample : G2215-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-40S

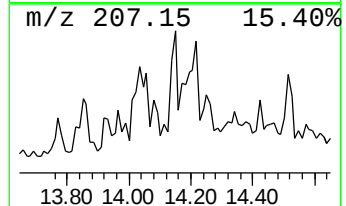
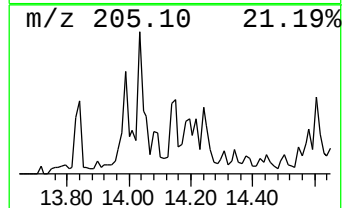
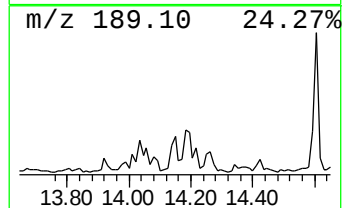
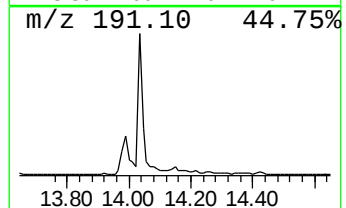
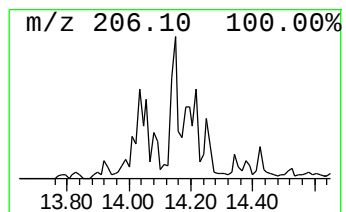
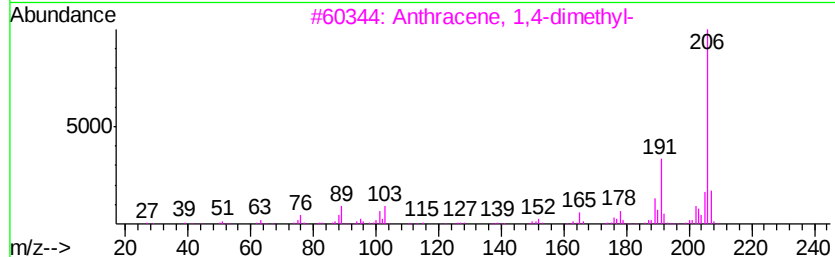
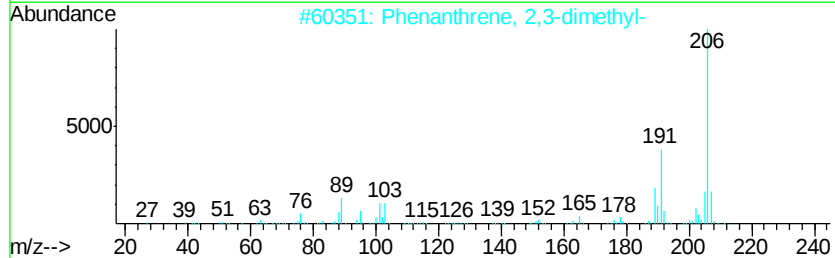
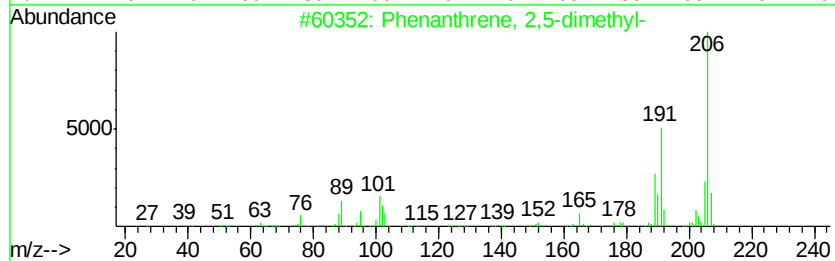
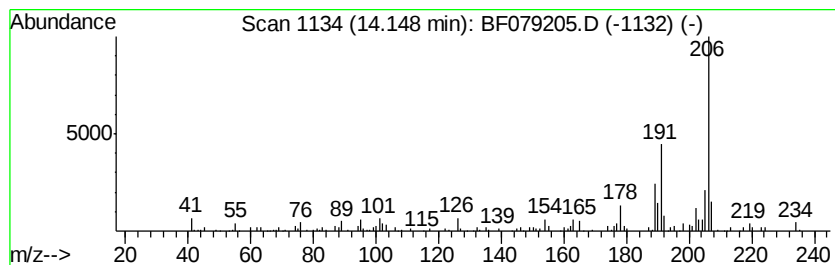
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	6.59 ng	242858	Phenanthrene-d10	12.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	81
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079205.D
Acq On : 13 May 2015 20:43
Operator : TP/IZ
Sample : G2215-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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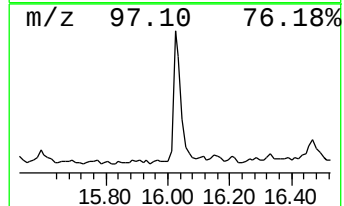
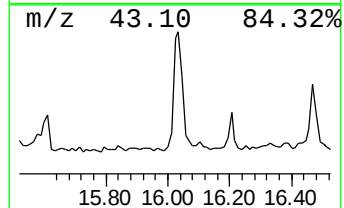
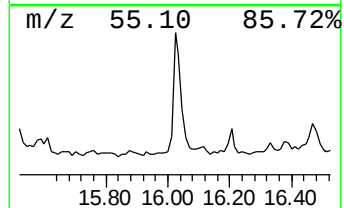
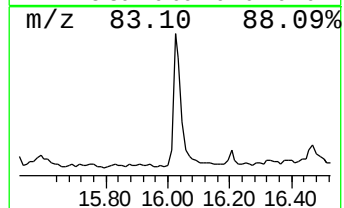
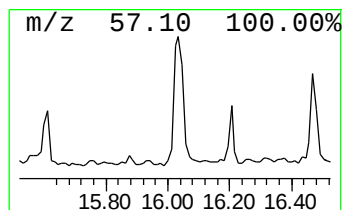
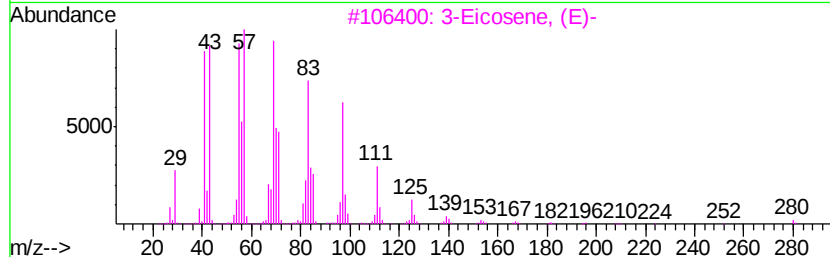
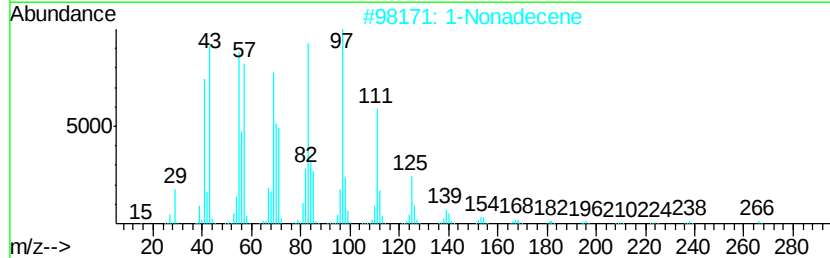
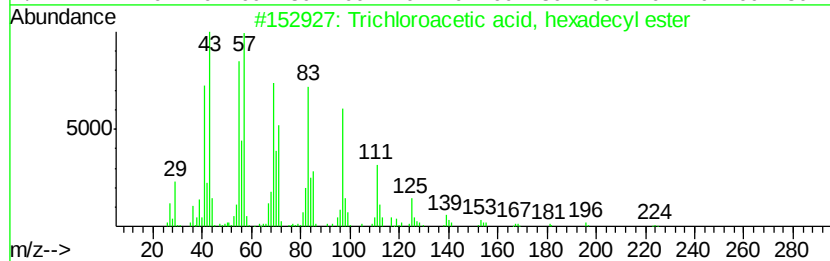
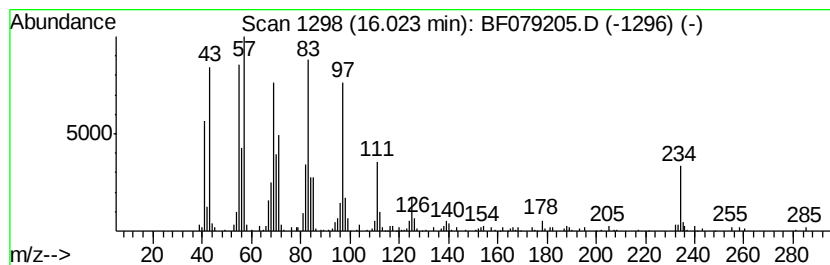
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Trichloroacetic acid, hexad... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	5.55 ng	394187	Chrysene-d12	16.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2			1-Nonadecene	266	C19H38	018435-45-5	91
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4			2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5			2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
Data File : BF079205.D
Acq On : 13 May 2015 20:43
Operator : TP/IZ
Sample : G2215-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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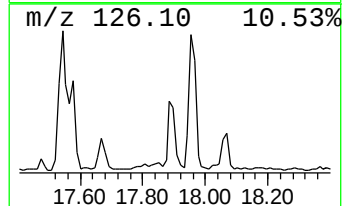
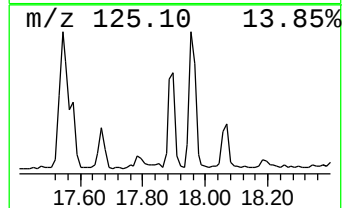
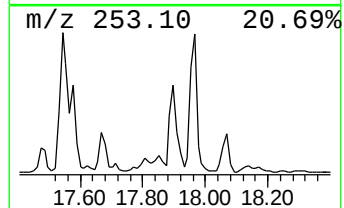
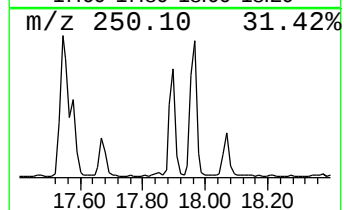
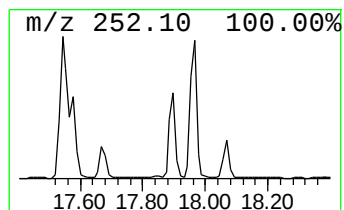
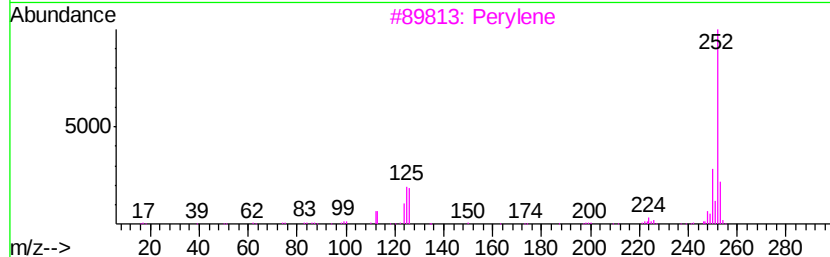
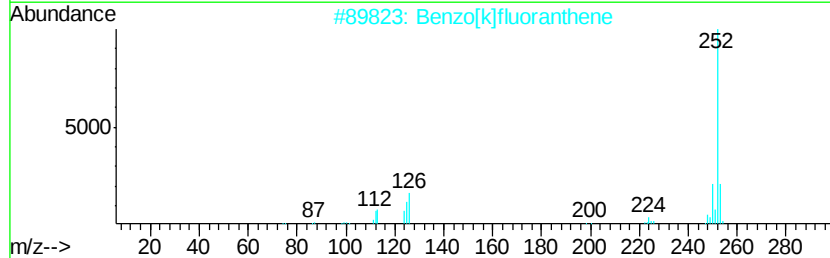
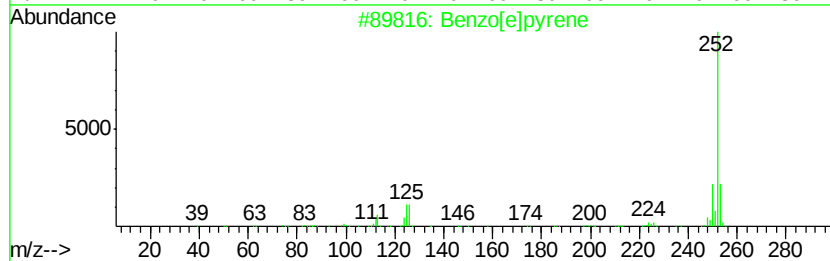
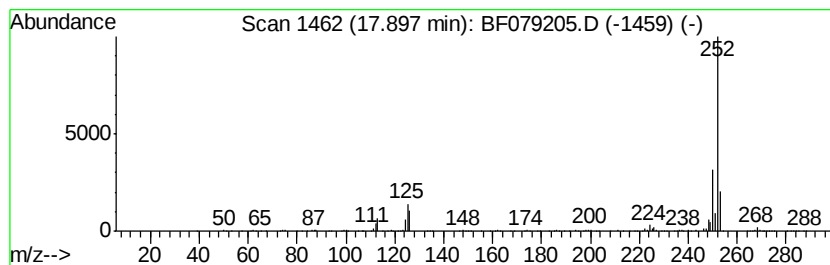
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	9.33 ng	352313	Perylene-d12	18.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Perylene	252	C20H12	000198-55-0	96
4		Benzo[a]pyrene	252	C20H12	000050-32-8	94
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
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Acq On : 13 May 2015 20:43
Operator : TP/IZ
Sample : G2215-01
Misc :
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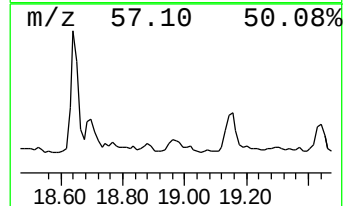
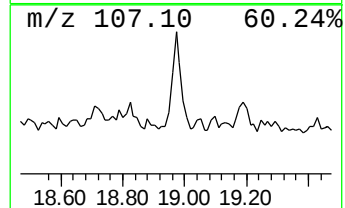
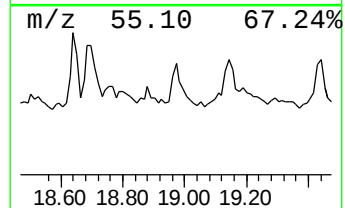
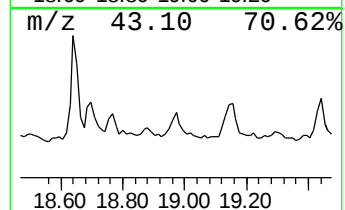
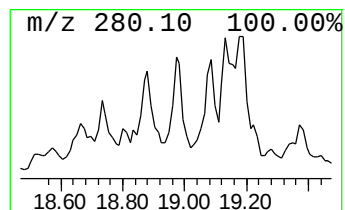
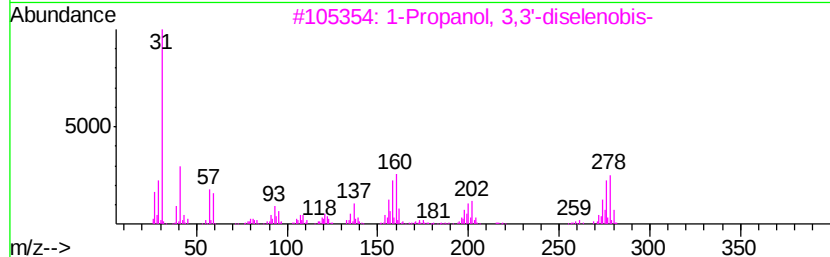
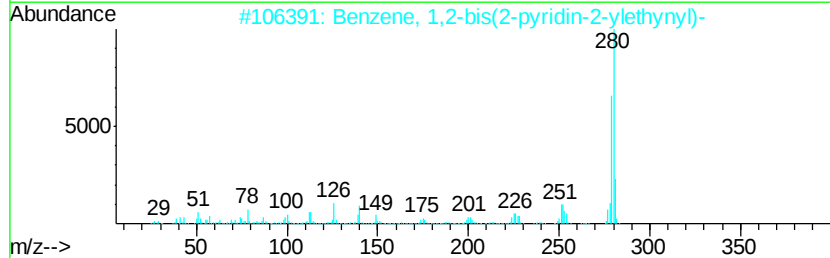
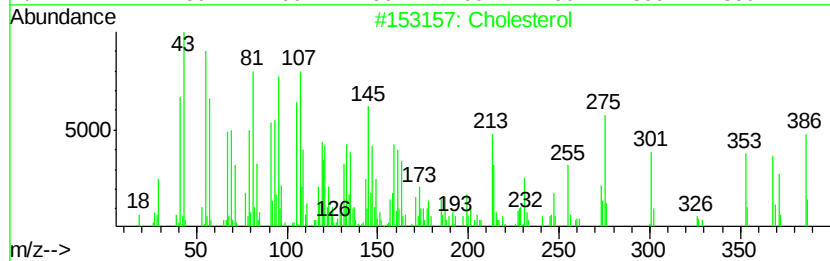
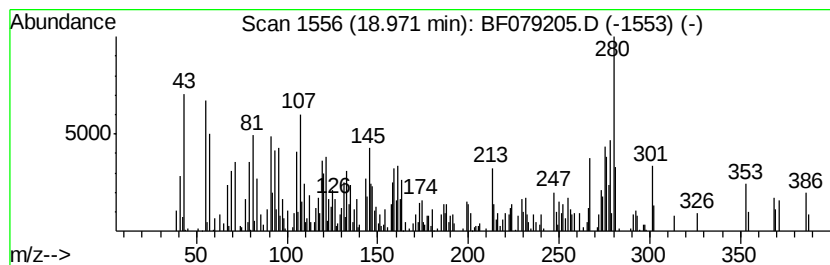
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Cholesterol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	5.70 ng	215253	Perylene-d12	18.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cholesterol	386 C27H46O	000057-88-5	56
2	Benzene, 1,2-bis(2-pyridin-2-yl-ethynyl)-	280 C20H12N2	350587-04-1	25
3	1-Propanol, 3,3'-diselenobis-	278 C6H14O2Se2	023243-47-2	22
4	Naphthalene, 1,7-diphenyl-	280 C22H16	000970-06-9	22
5	7H-Indeno[2,1-a]anthracen-7-one	280 C21H12O	027582-45-2	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
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 Sample : G2215-01
 Misc :
 ALS Vial : 10 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
Propane, 2,2-dime...	1.38	116.6	ng	2091720	1	7.23	358722	20.0
2-Pentanone, 4-hy...	5.02	16.6	ng	297043	1	7.23	358722	20.0
unknown6.95	6.95	83.7	ng	1502000	1	7.23	358722	20.0
unknown6.98	6.98	19.8	ng	354490	1	7.23	358722	20.0
unknown12.41	12.41	5.5	ng	201645	4	12.82	736960	20.0
unknown12.75	12.75	5.9	ng	217770	4	12.82	736960	20.0
unknown13.51	13.51	11.4	ng	419872	4	12.82	736960	20.0
unknown13.54	13.54	68.6	ng	2527720	4	12.82	736960	20.0
4H-Cyclopenta[def...	13.59	8.7	ng	318653	4	12.82	736960	20.0
unknown13.99	13.99	39.7	ng	1462570	4	12.82	736960	20.0
unknown14.03	14.03	100.2	ng	3692420	4	12.82	736960	20.0
Phenanthrene, 2,5...	14.15	6.6	ng	242858	4	12.82	736960	20.0
Trichloroacetic a...	16.02	5.5	ng	394187	5	16.16	1421510	20.0
Benzo[e]pyrene	17.90	9.3	ng	352313	6	18.03	754917	20.0
Cholesterol	18.97	5.7	ng	215253	6	18.03	754917	20.0