

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078957.D
 Acq On : 6 May 2015 13:43
 Operator : TP/IZ
 Sample : G2044-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-56S

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	1.255	3	6	9	rVB	1367782	2344373	63.29%	4.398%
2	1.507	25	28	30	rVB	2650904	3704215	100.00%	6.949%
3	1.644	36	40	43	rVB	1091639	1858436	50.17%	3.486%
4	1.770	49	51	54	rBV	161559	286422	7.73%	0.537%
5	1.827	54	56	60	rVV	168102	233424	6.30%	0.438%
6	1.896	60	62	86	rVB	1235453	2093747	56.52%	3.928%
7	2.181	86	87	102	rVB4	15438	55758	1.51%	0.105%
8	5.153	345	347	354	rVB	152569	208318	5.62%	0.391%
9	5.644	387	390	392	rBV	1651359	1592397	42.99%	2.987%
10	6.902	497	500	502	rBV	1412820	1702737	45.97%	3.194%
11	7.050	511	513	516	rBV	1227290	1725512	46.58%	3.237%
12	7.348	536	539	541	rBV	469108	415862	11.23%	0.780%
13	7.530	553	555	558	rVB	1257997	1234752	33.33%	2.316%
14	8.033	597	599	602	rBV	1117002	1016762	27.45%	1.907%
15	8.925	674	677	679	rBV	606962	582806	15.73%	1.093%
16	10.274	792	795	797	rBV	1468466	1811818	48.91%	3.399%
17	10.776	836	839	841	rVB	53320	71109	1.92%	0.133%
18	10.925	850	852	854	rBV	60902	54043	1.46%	0.101%
19	11.096	865	867	869	rBV	612088	622796	16.81%	1.168%
20	11.142	869	871	873	rVB	79880	81260	2.19%	0.152%
21	11.359	887	890	892	rBV	39799	55374	1.49%	0.104%
22	11.782	925	927	929	rBV	106743	100201	2.71%	0.188%
23	12.079	950	953	956	rBV	1348564	1344210	36.29%	2.522%
24	12.468	983	987	989	rBV3	29187	48702	1.31%	0.091%
25	12.708	1006	1008	1011	rVB	44247	58138	1.57%	0.109%
26	12.765	1011	1013	1015	rBV2	33730	49465	1.34%	0.093%
27	12.811	1015	1017	1021	rVB2	54563	88082	2.38%	0.165%
28	12.948	1026	1029	1030	rBV	646585	685616	18.51%	1.286%
29	12.971	1030	1031	1034	rVV	1218208	1364705	36.84%	2.560%
30	13.040	1034	1037	1039	rVB	412576	390586	10.54%	0.733%
31	13.245	1053	1055	1056	rBV	47538	53260	1.44%	0.100%
32	13.360	1064	1065	1069	rVB2	43906	49766	1.34%	0.093%
33	13.577	1080	1084	1085	rBV	187458	194594	5.25%	0.365%
34	13.611	1085	1087	1089	rVB	258003	255577	6.90%	0.479%

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35	13.668	1089	1092	1094	rBV2	123022	188862	5.10%	0.354%
36	13.714	1094	1096	1097	rBV	216050	304438	8.22%	0.571%
37	13.954	1115	1117	1121	rVB2	133052	256821	6.93%	0.482%
38	14.262	1142	1144	1146	rBV	106085	147655	3.99%	0.277%
39	14.308	1146	1148	1151	rVV2	53621	97192	2.62%	0.182%
40	14.354	1151	1152	1158	rVB2	101336	167842	4.53%	0.315%
41	14.457	1158	1161	1164	rBV	2501889	2501294	67.53%	4.692%
42	14.525	1166	1167	1169	rBV	46467	69949	1.89%	0.131%
43	14.571	1169	1171	1173	rVB2	43916	49033	1.32%	0.092%
44	14.640	1173	1177	1181	rBV2	98951	187771	5.07%	0.352%
45	14.743	1182	1186	1188	rBV2	1557567	2434622	65.73%	4.567%
46	14.800	1190	1191	1195	rVB	235282	295314	7.97%	0.554%
47	14.891	1197	1199	1201	rBV	120534	127075	3.43%	0.238%
48	14.937	1201	1203	1206	rVB	1449903	1932650	52.17%	3.626%
49	15.017	1206	1210	1212	rBV2	106941	209928	5.67%	0.394%
50	15.120	1215	1219	1220	rBV3	109083	175115	4.73%	0.329%
51	15.154	1220	1222	1224	rVB	293129	317719	8.58%	0.596%
52	15.234	1227	1229	1231	rBV	182989	188322	5.08%	0.353%
53	15.280	1231	1233	1235	rBV	232332	271687	7.33%	0.510%
54	15.394	1241	1243	1245	rBV	92602	99093	2.68%	0.186%
55	15.428	1245	1246	1248	rBV	66754	73362	1.98%	0.138%
56	15.474	1248	1250	1253	rVB4	36548	76985	2.08%	0.144%
57	15.531	1253	1255	1257	rBV2	48018	88132	2.38%	0.165%
58	15.657	1262	1266	1268	rBV5	58173	154277	4.16%	0.289%
59	15.783	1274	1277	1280	rVB	175311	240876	6.50%	0.452%
60	15.920	1286	1289	1291	rBV	219865	303012	8.18%	0.568%
61	15.966	1291	1293	1298	rVV3	164334	441275	11.91%	0.828%
62	16.046	1298	1300	1303	rVB	181933	210402	5.68%	0.395%
63	16.103	1303	1305	1312	rBV3	163118	362394	9.78%	0.680%
64	16.228	1312	1316	1319	rBV2	1387850	2809475	75.85%	5.270%
65	16.274	1319	1320	1322	rVV	1171513	968753	26.15%	1.817%
66	16.366	1325	1328	1330	rBV2	148616	204126	5.51%	0.383%
67	16.491	1336	1339	1341	rVV3	74568	139064	3.75%	0.261%
68	16.537	1341	1343	1345	rVB2	75342	100023	2.70%	0.188%
69	16.651	1350	1353	1355	rBV3	52149	86578	2.34%	0.162%
70	16.686	1355	1356	1358	rVV	41746	66743	1.80%	0.125%
71	16.743	1358	1361	1362	rVV	167651	271941	7.34%	0.510%

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72	16.777	1362	1364	1367	rVV2	101383	131715	3.56%	0.247%
73	16.857	1369	1371	1372	rVV	103556	108684	2.93%	0.204%
74	16.891	1372	1374	1375	rVV2	84870	103143	2.78%	0.193%
75	16.914	1375	1376	1378	rVV2	76714	121916	3.29%	0.229%
76	17.006	1382	1384	1387	rVB2	65297	92076	2.49%	0.173%
77	17.074	1387	1390	1392	rBV	30580	55799	1.51%	0.105%
78	17.131	1392	1395	1396	rBV	86262	135868	3.67%	0.255%
79	17.326	1410	1412	1413	rBV2	67005	90263	2.44%	0.169%
80	17.451	1420	1423	1427	rBV4	35886	114885	3.10%	0.216%
81	17.531	1427	1430	1436	rBV	1046595	2303024	62.17%	4.320%
82	17.646	1436	1440	1442	rVV2	199987	288056	7.78%	0.540%
83	17.771	1447	1451	1453	rVV2	72596	159798	4.31%	0.300%
84	17.806	1453	1454	1456	rVV2	69712	125788	3.40%	0.236%
85	17.851	1456	1458	1461	rVV	658145	882955	23.84%	1.656%
86	17.920	1461	1464	1467	rVV	889585	1147620	30.98%	2.153%
87	17.989	1467	1470	1471	rVV	532185	827680	22.34%	1.553%
88	18.011	1471	1472	1476	rVV2	255652	351763	9.50%	0.660%
89	18.103	1478	1480	1483	rVB3	52800	88223	2.38%	0.166%
90	18.320	1494	1499	1501	rBV3	52758	157459	4.25%	0.295%
91	18.446	1507	1510	1511	rBV	35695	64281	1.74%	0.121%
92	18.560	1517	1520	1522	rVB2	54323	95359	2.57%	0.179%
93	19.303	1582	1585	1589	rBV2	106409	264547	7.14%	0.496%
94	19.474	1597	1600	1606	rVB2	403264	924334	24.95%	1.734%
95	19.577	1606	1609	1613	rVB	50853	113059	3.05%	0.212%
96	19.669	1613	1617	1619	rBV2	111209	249811	6.74%	0.469%
97	19.726	1619	1622	1624	rVB2	64011	110359	2.98%	0.207%
98	19.920	1635	1639	1649	rVB	364656	907559	24.50%	1.703%
99	20.115	1653	1656	1658	rBV2	68762	169352	4.57%	0.318%
100	20.697	1705	1707	1710	rVB3	33970	66823	1.80%	0.125%

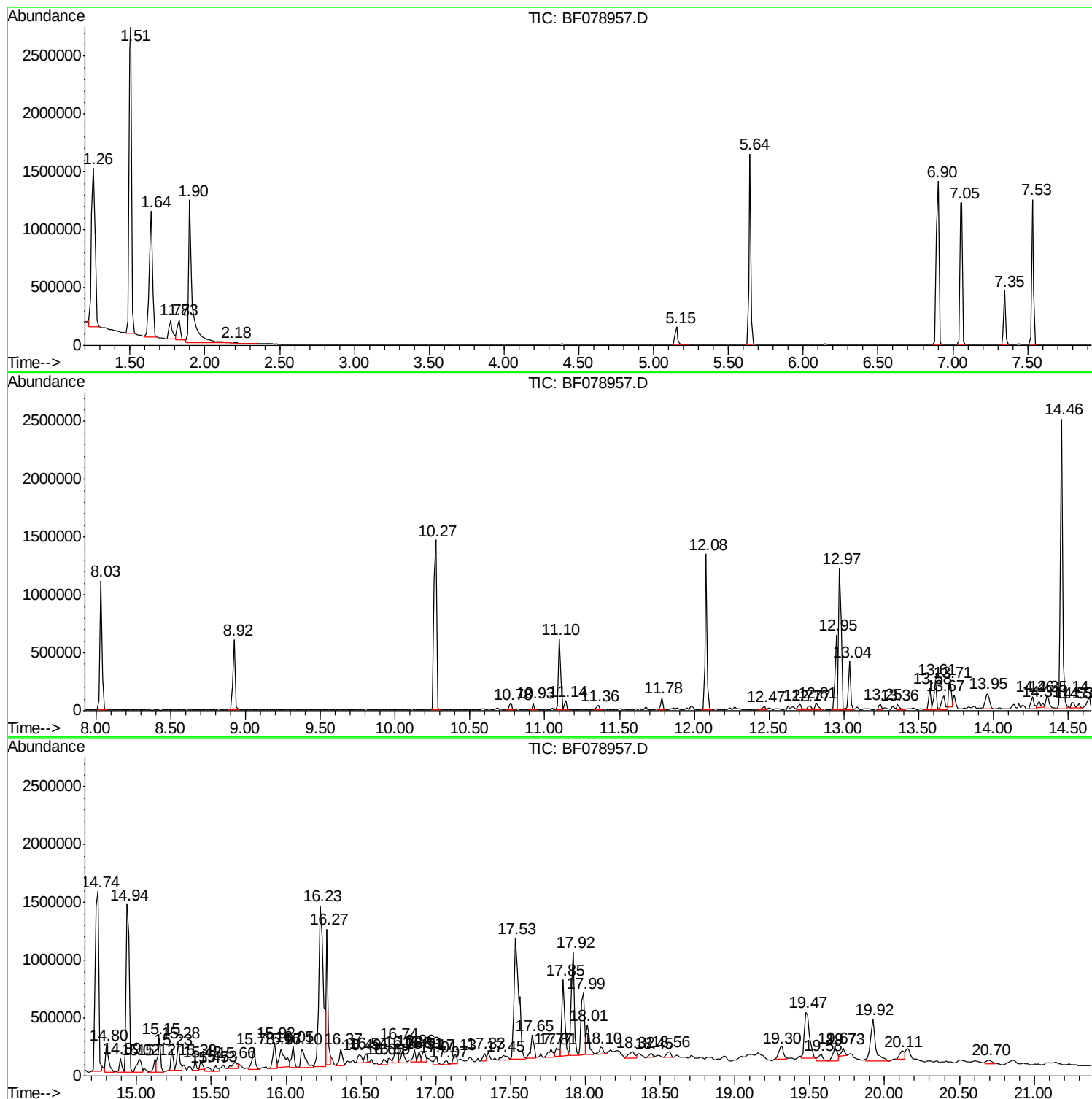
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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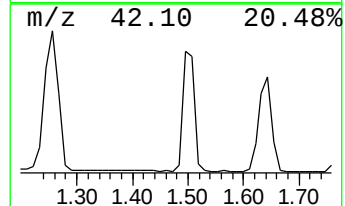
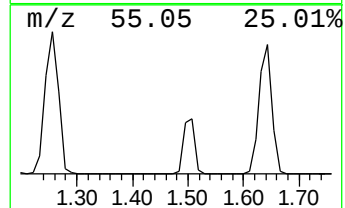
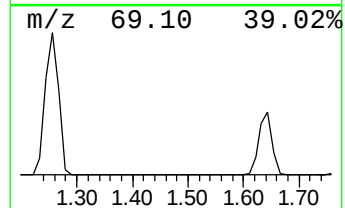
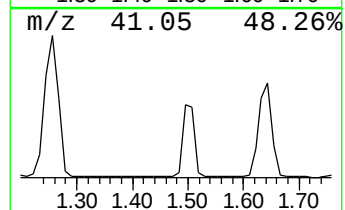
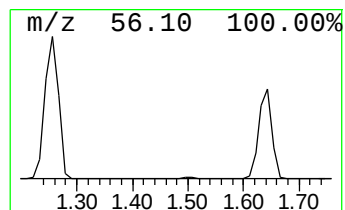
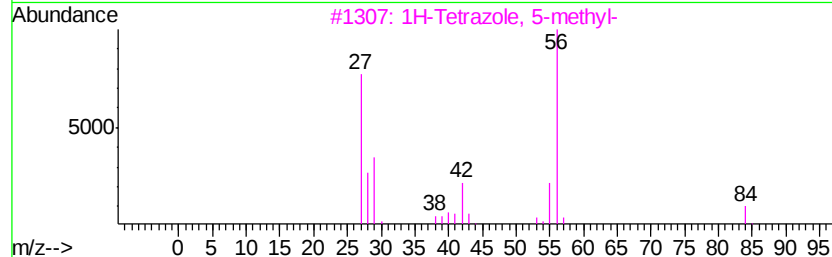
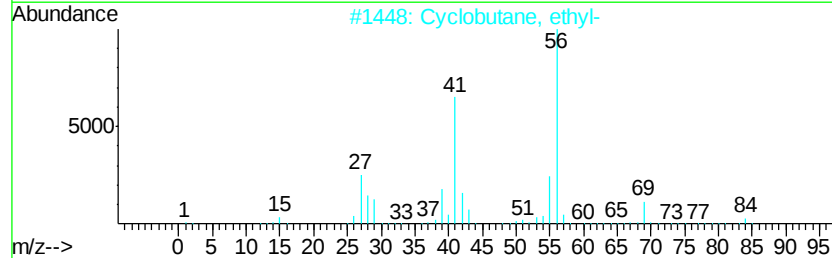
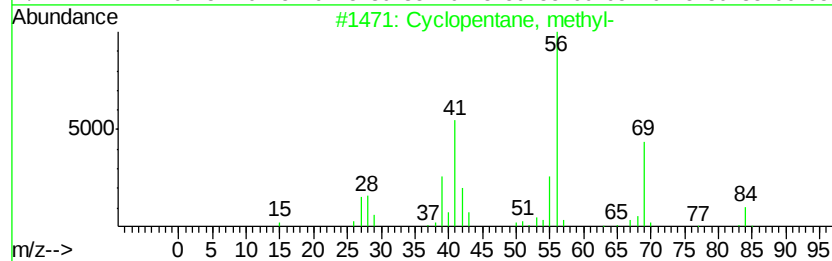
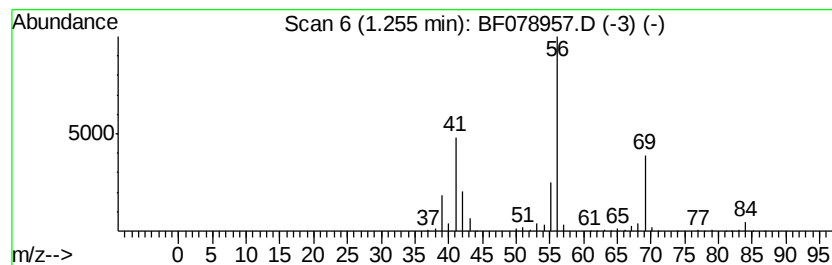
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.26	112.75 ng	2344370	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
3		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	39
4		Cyclopropane, propyl-	84	C6H12	002415-72-7	38
5		Oxetane, 3,3-dimethyl-	86	C5H10O	006921-35-3	33



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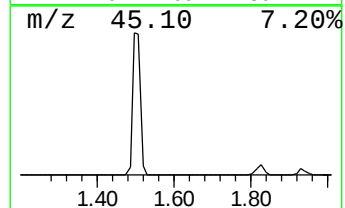
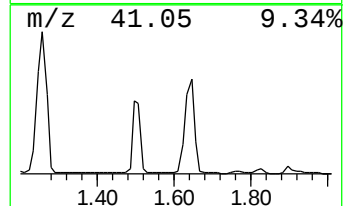
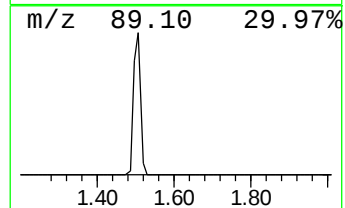
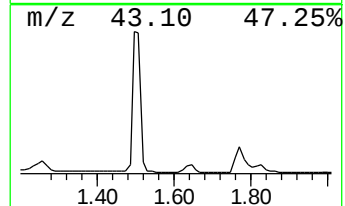
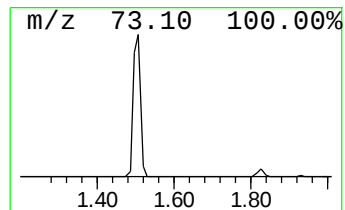
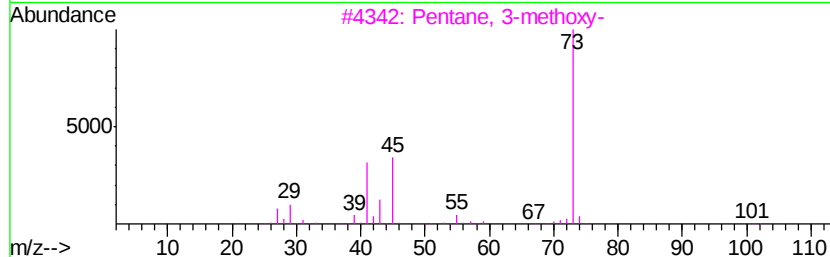
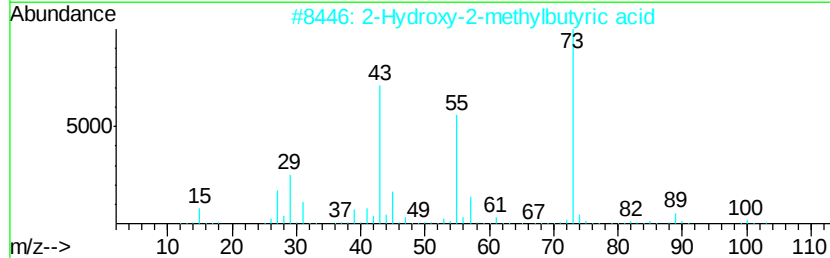
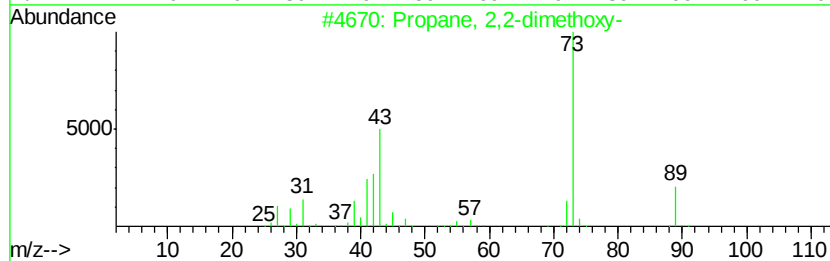
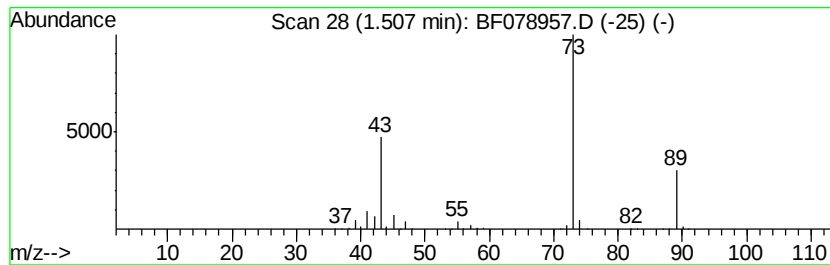
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown1.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.51	178.15 ng	3704220	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	5



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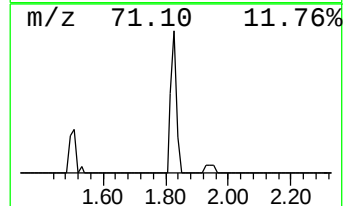
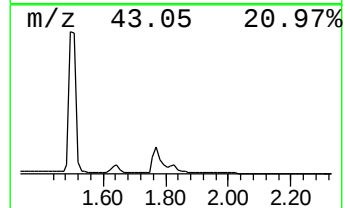
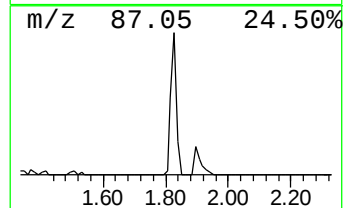
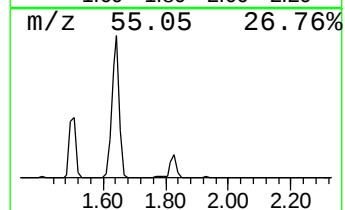
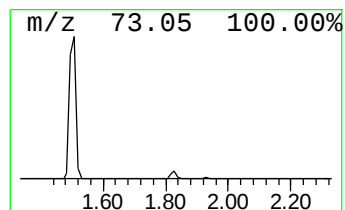
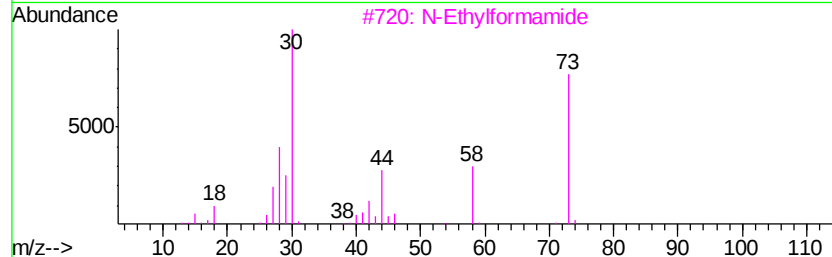
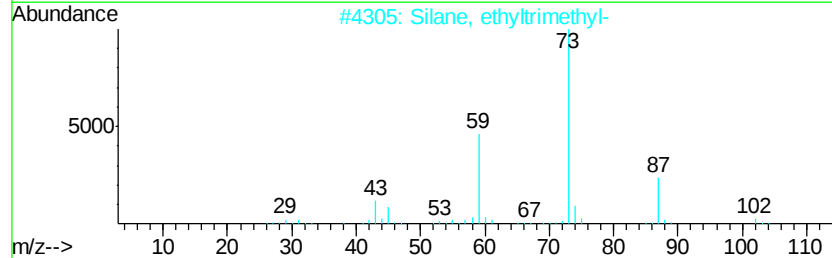
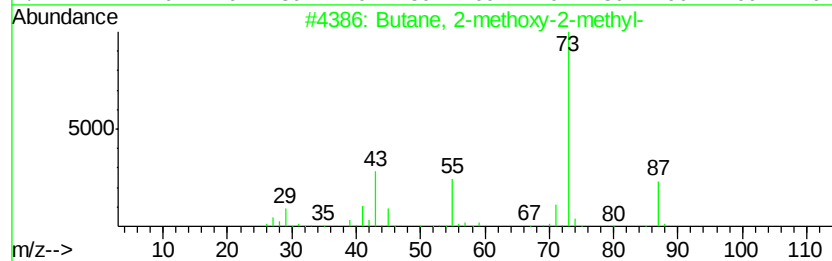
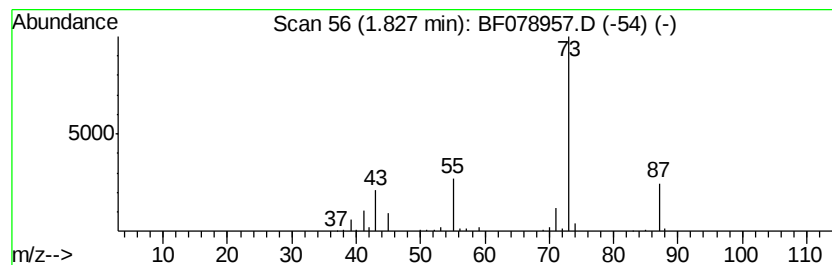
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.83	11.23 ng	233424	1,4-Dichlorobenzene-d4	7.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078957.D
Acq On : 6 May 2015 13:43
Operator : TP/IZ
Sample : G2044-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-56S

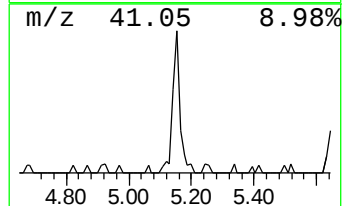
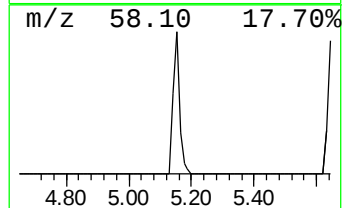
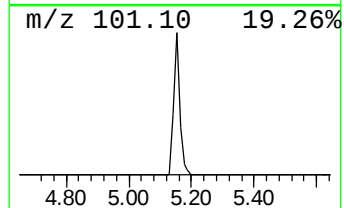
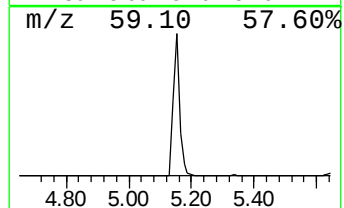
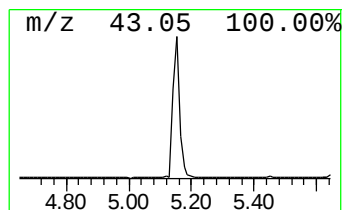
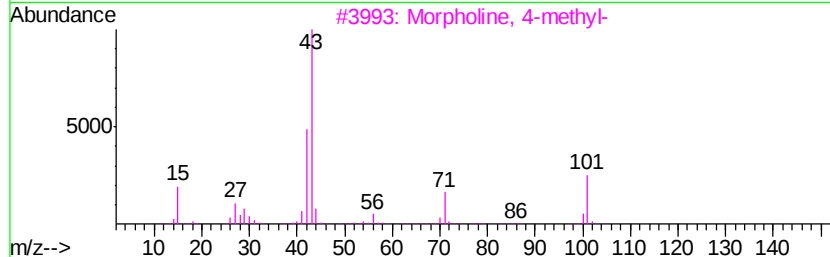
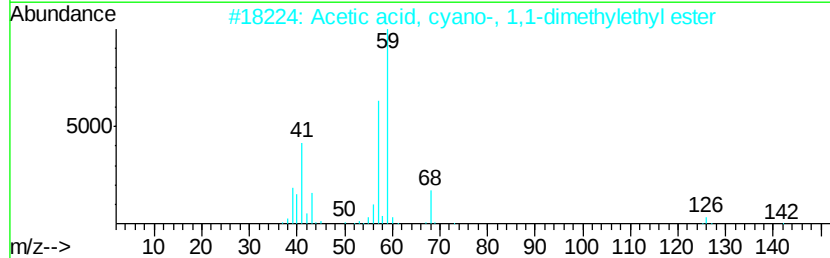
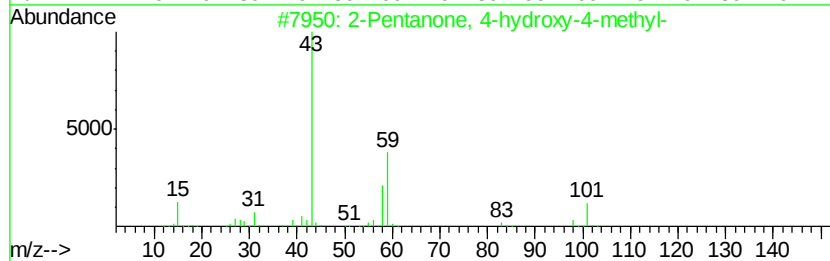
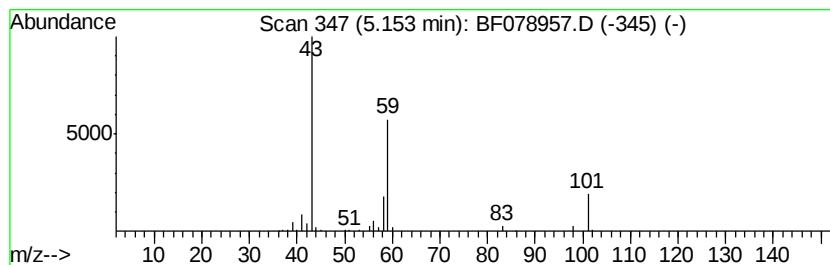
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	10.02 ng	208318	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078957.D
Acq On : 6 May 2015 13:43
Operator : TP/IZ
Sample : G2044-19
Misc :
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Instrument :
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ClientSampleId :
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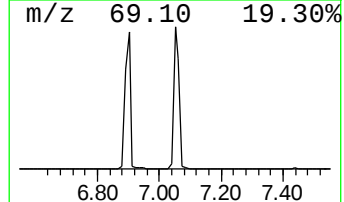
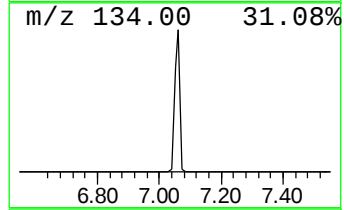
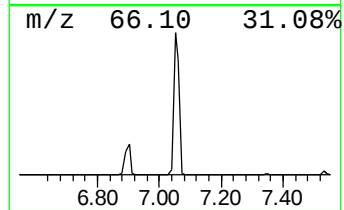
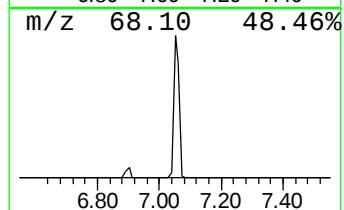
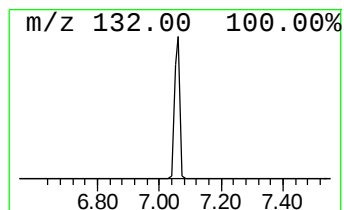
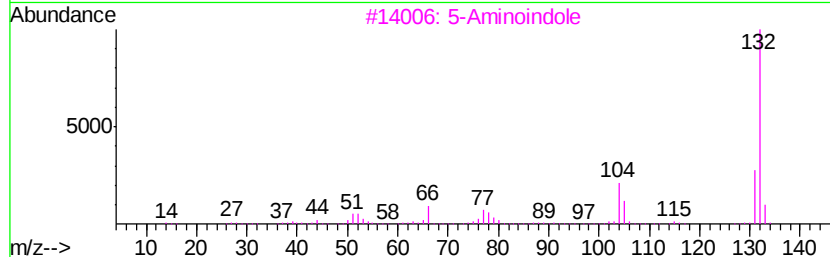
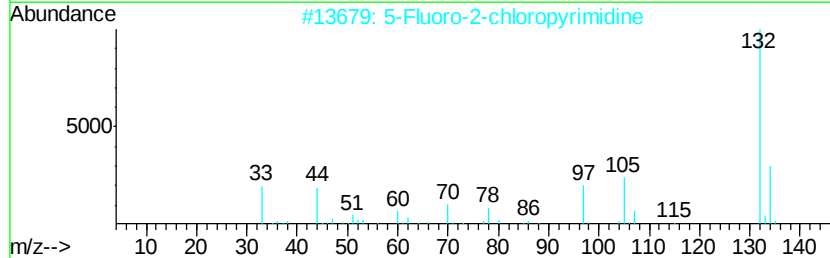
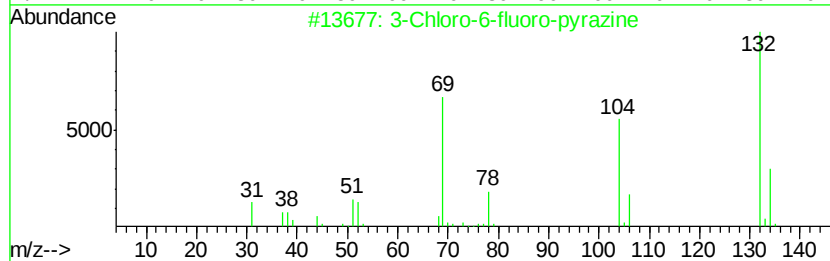
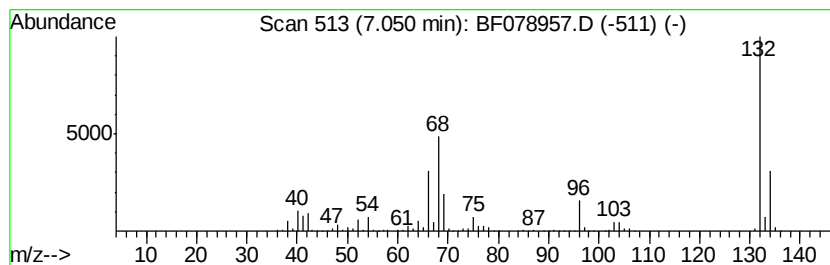
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	82.98 ng	1725510	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078957.D
Acq On : 6 May 2015 13:43
Operator : TP/IZ
Sample : G2044-19
Misc :
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Instrument :
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ClientSampleId :
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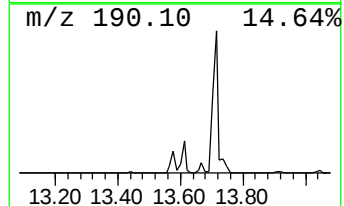
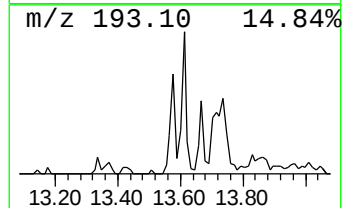
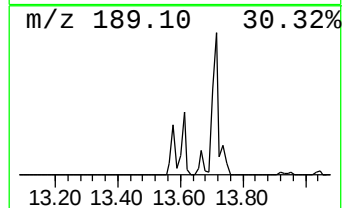
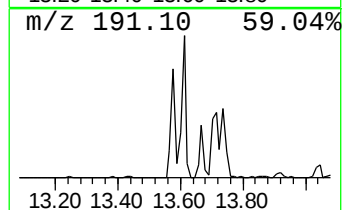
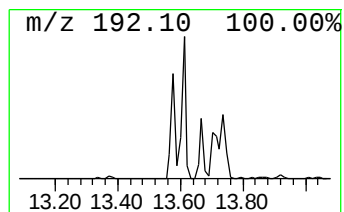
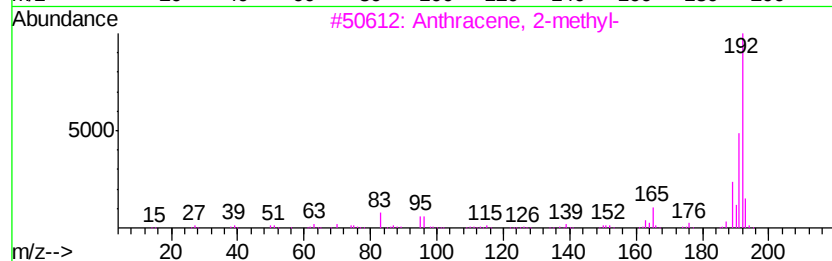
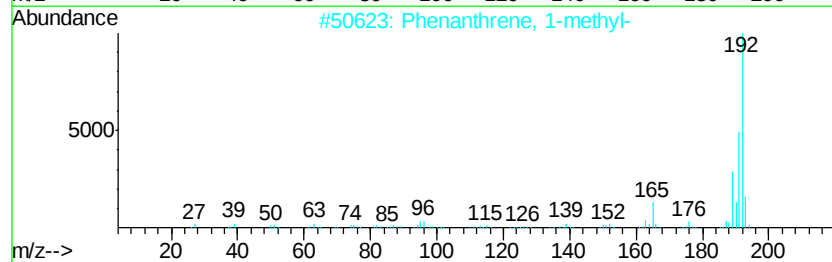
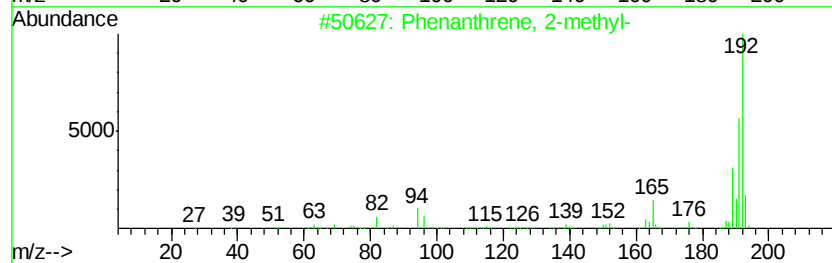
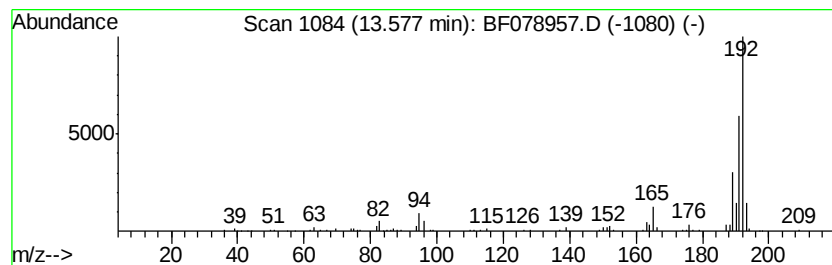
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	5.68 ng	194594	Phenanthrene-d10	12.95

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	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078957.D
Acq On : 6 May 2015 13:43
Operator : TP/IZ
Sample : G2044-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

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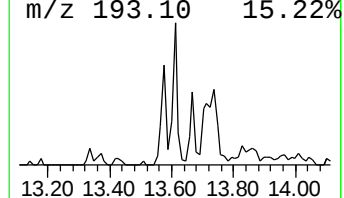
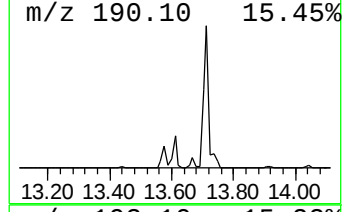
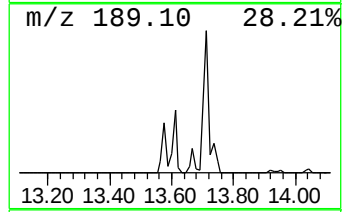
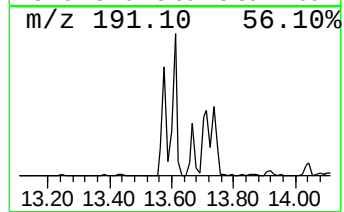
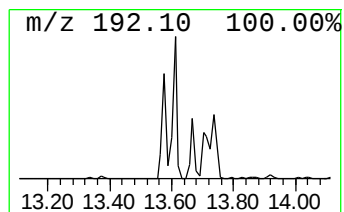
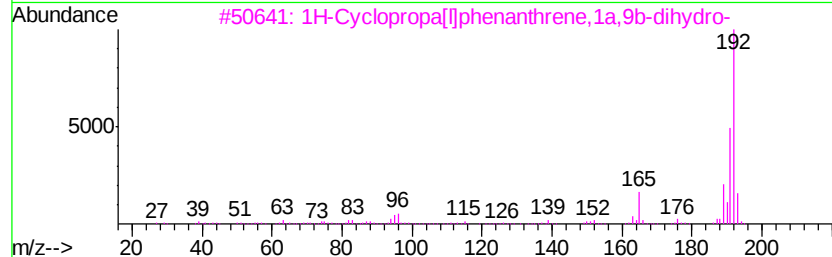
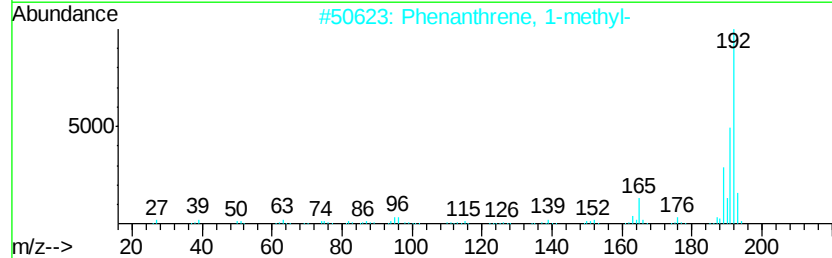
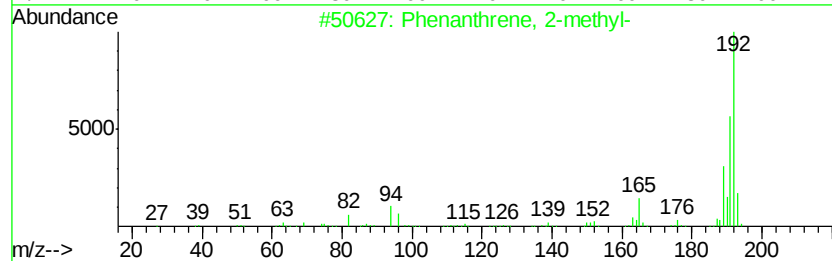
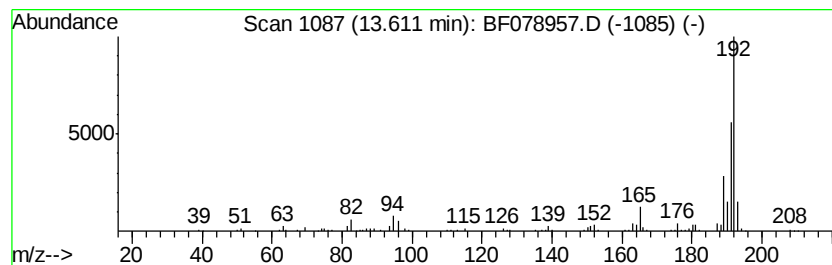
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	7.46 ng	255577	Phenanthrene-d10	12.95

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	97
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5			1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078957.D
Acq On : 6 May 2015 13:43
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Sample : G2044-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

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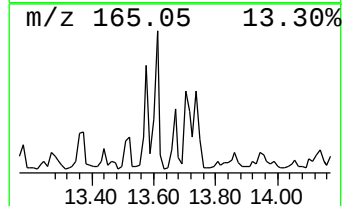
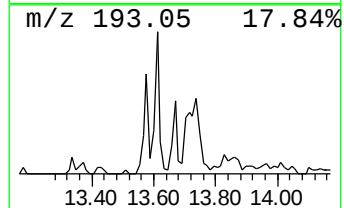
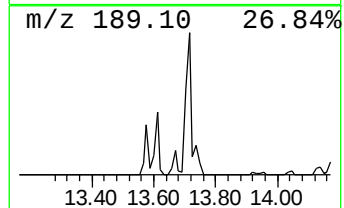
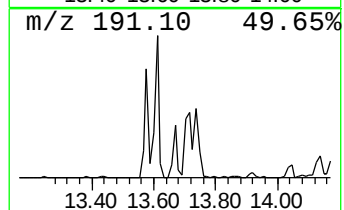
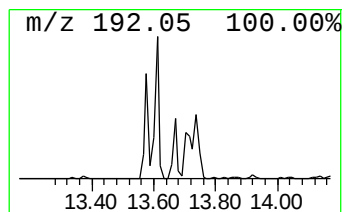
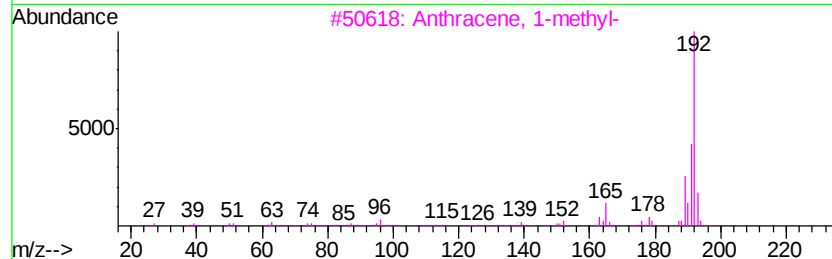
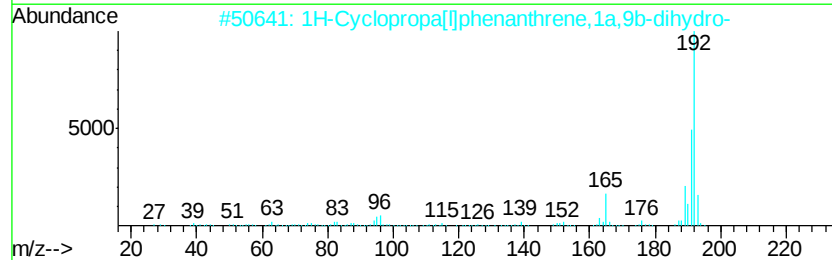
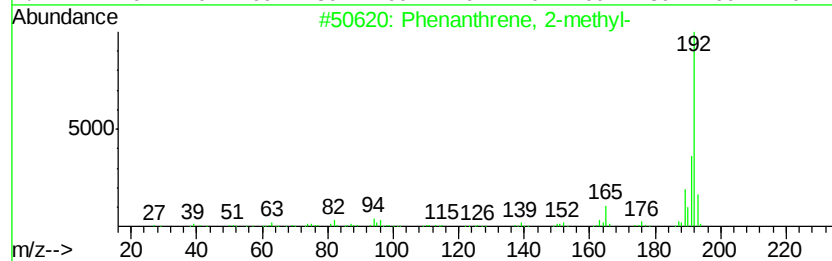
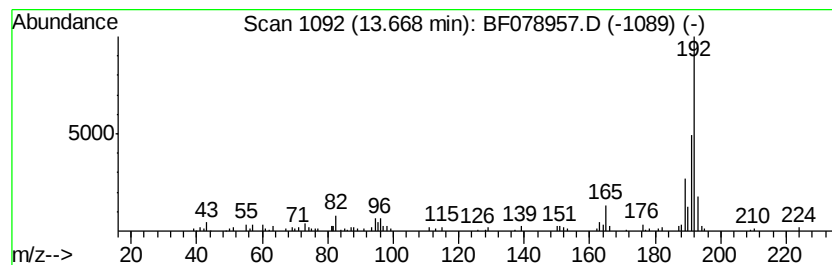
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	5.51 ng	188862	Phenanthrene-d10	12.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
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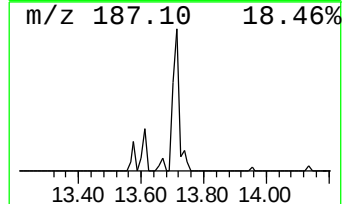
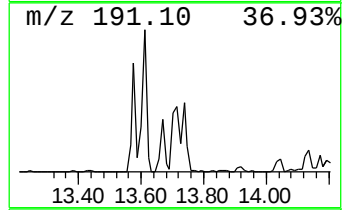
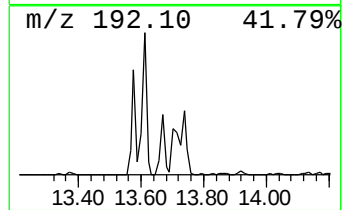
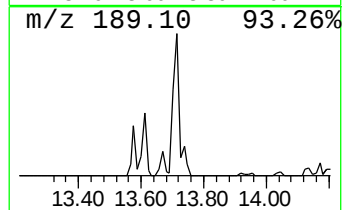
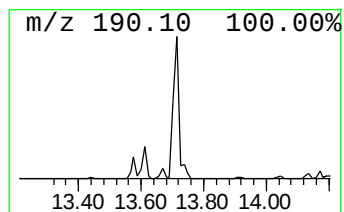
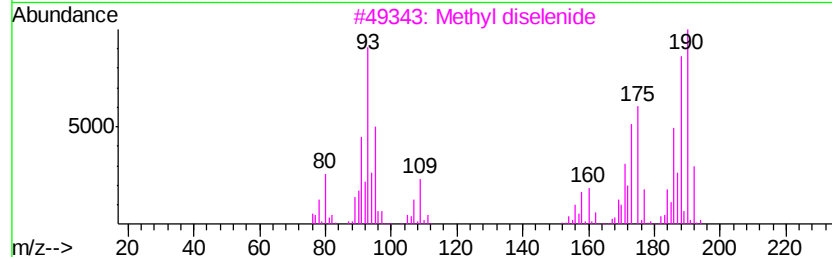
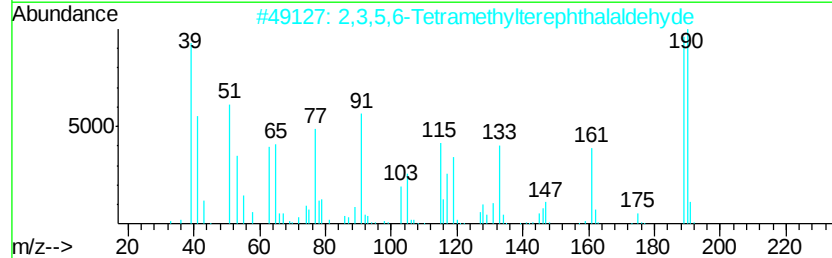
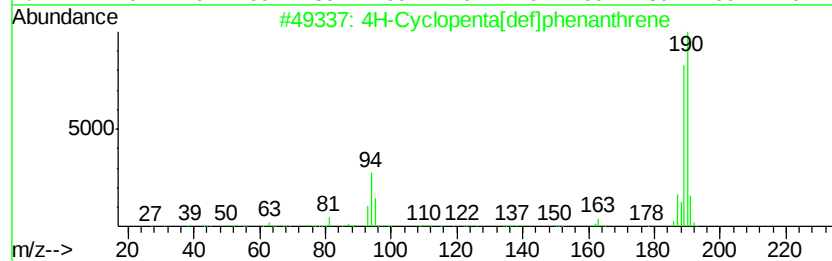
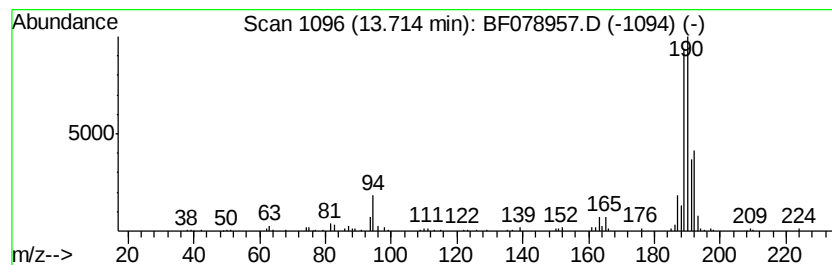
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.71	8.88 ng	304438	Phenanthrene-d10	12.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078957.D
Acq On : 6 May 2015 13:43
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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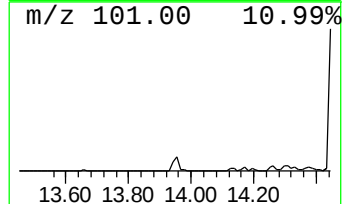
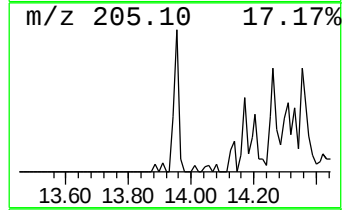
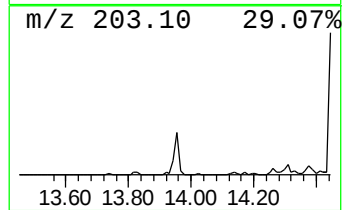
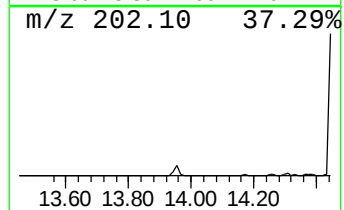
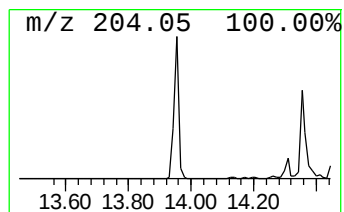
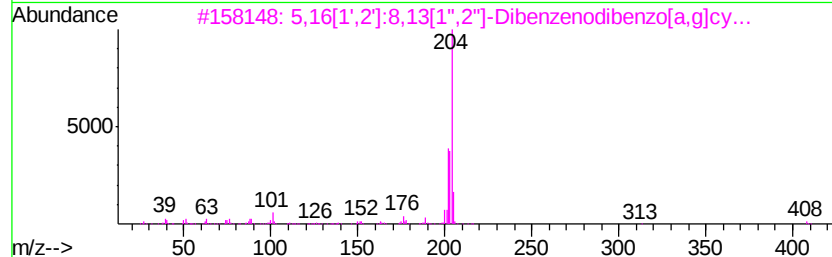
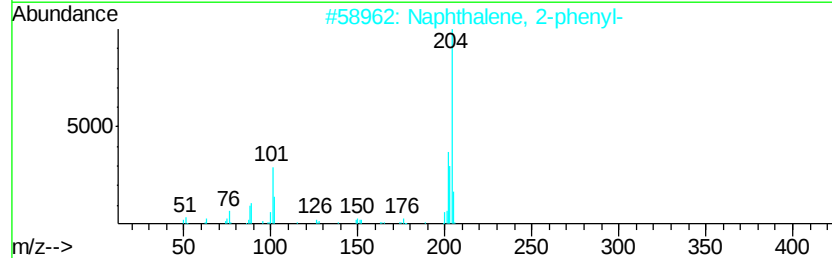
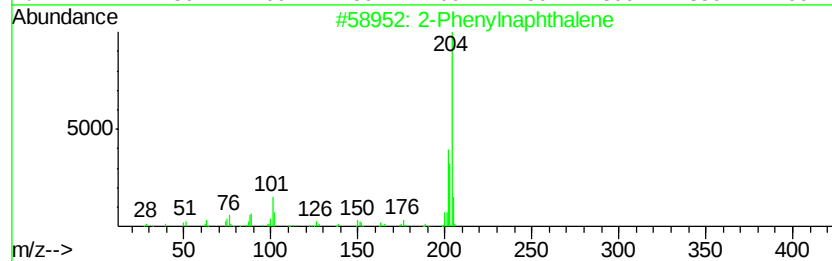
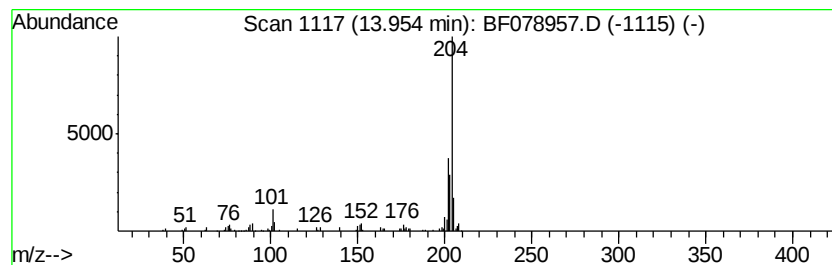
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-Phenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	7.49 ng	256821	Phenanthrene-d10	12.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3		5,16[1',2'l:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
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Operator : TP/IZ
Sample : G2044-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-56S

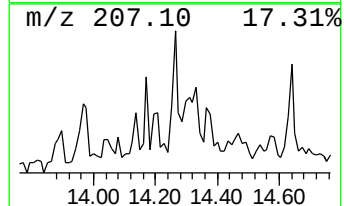
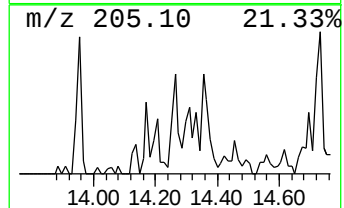
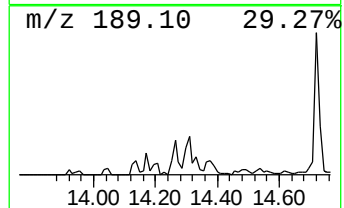
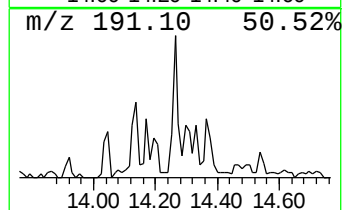
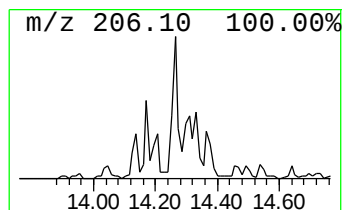
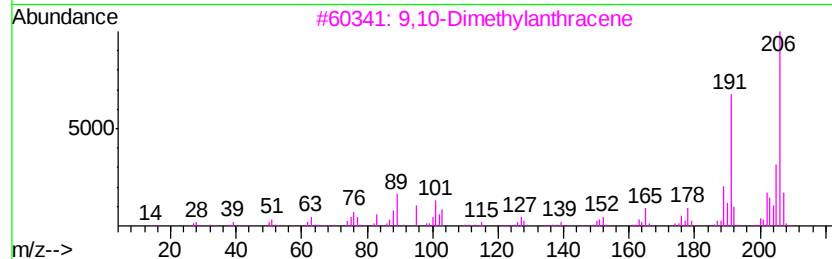
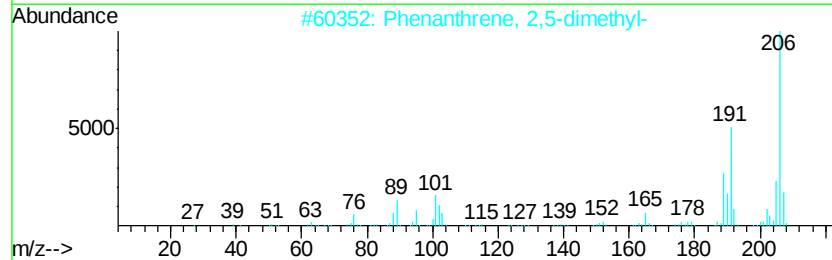
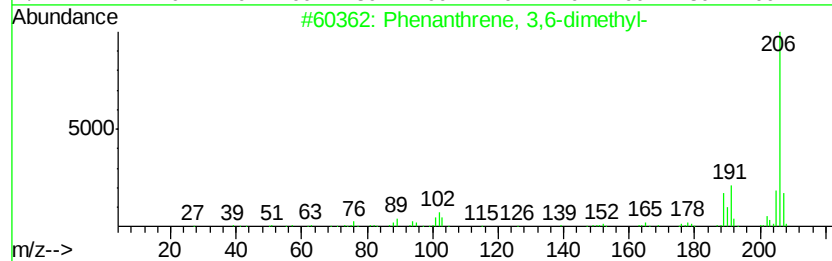
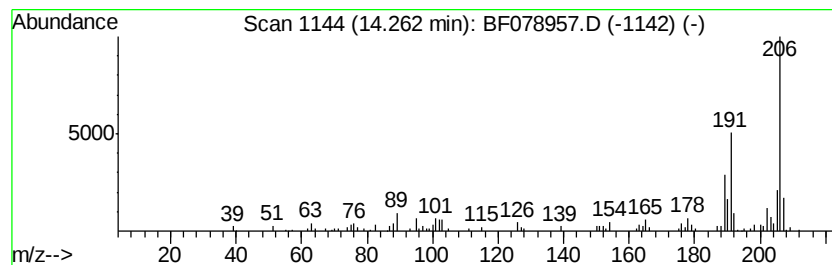
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	4.31 ng	147655	Phenanthrene-d10	12.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90



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Misc :
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ClientSampleId :
SB-56S

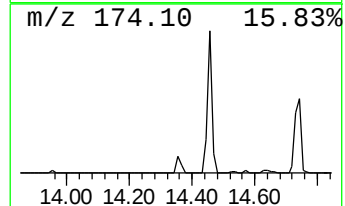
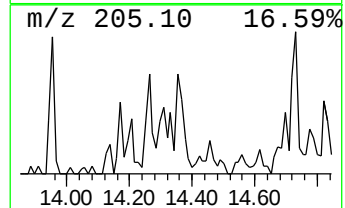
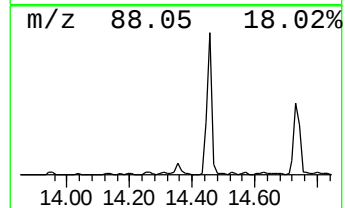
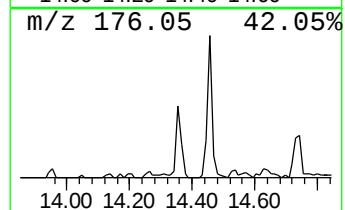
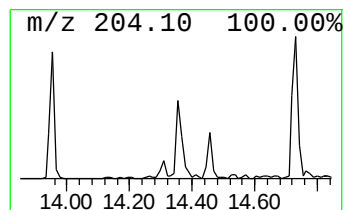
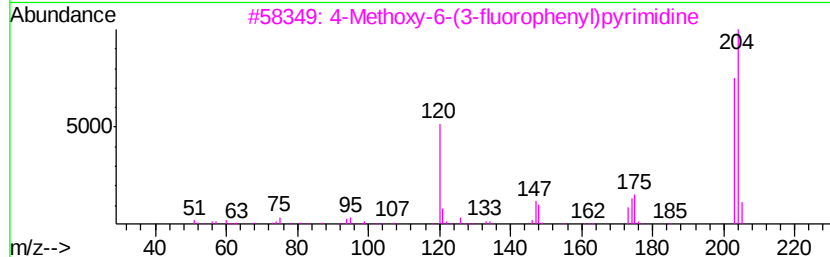
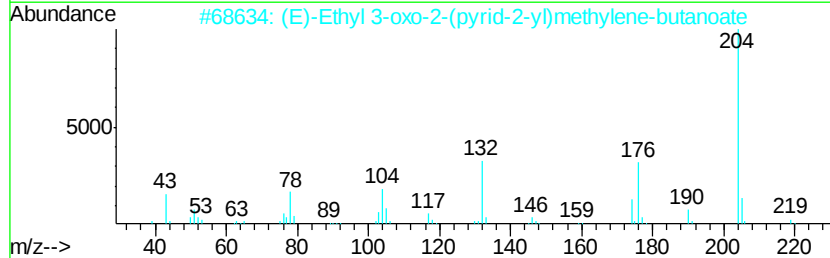
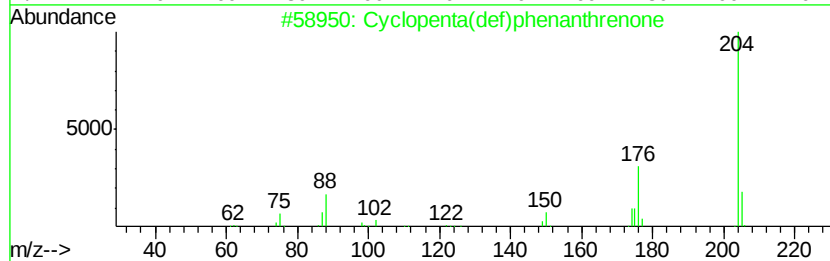
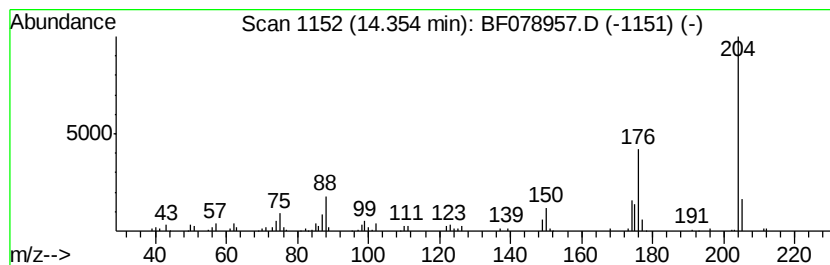
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	4.90 ng	167842	Phenanthrene-d10	12.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13N03	1000147-59-7	50
3		4-Methoxy-6-(3-fluorophenyl)pyri...	204	C11H9FN2O	076128-74-0	47
4		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	45
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	45



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Sample : G2044-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-56S

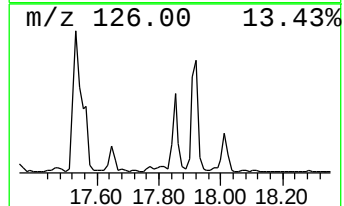
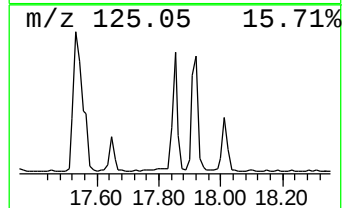
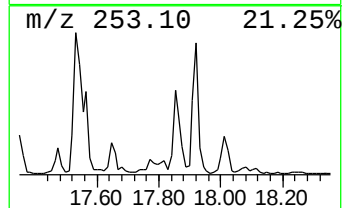
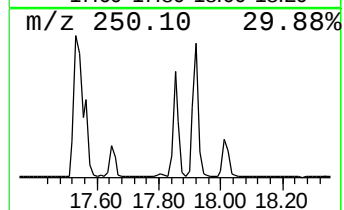
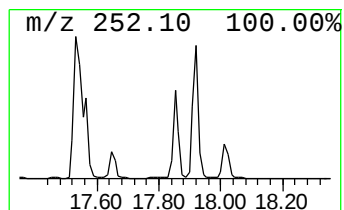
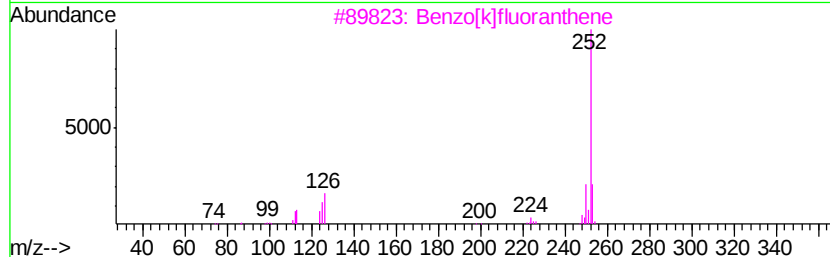
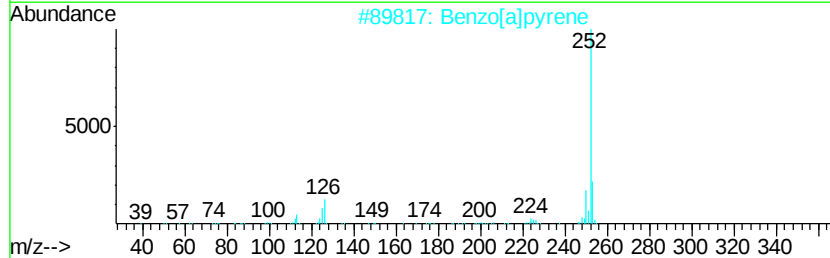
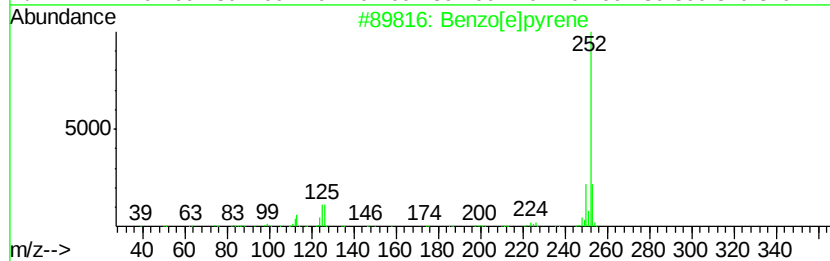
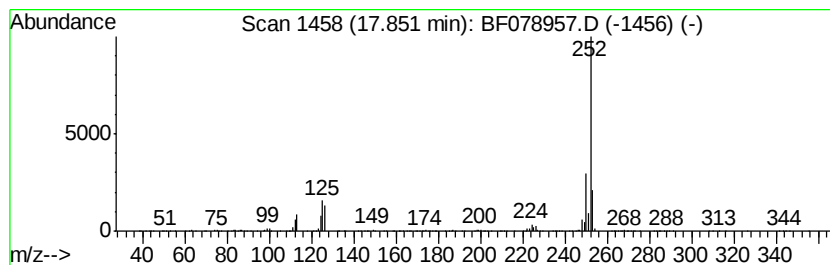
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	21.34 ng	882955	Perylene-d12	17.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[a]pyrene	252	C20H12	000050-32-8	93
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	91
5		Perylene	252	C20H12	000198-55-0	89



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Sample : G2044-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

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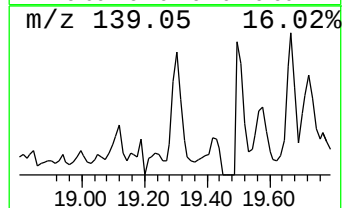
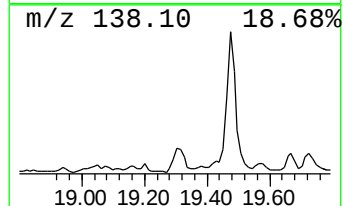
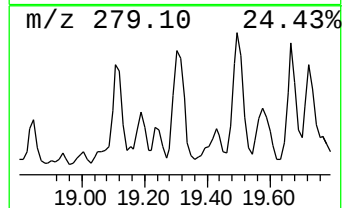
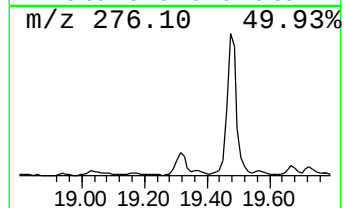
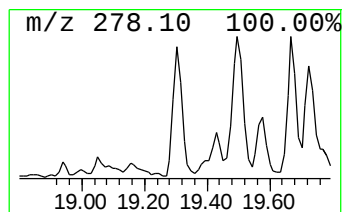
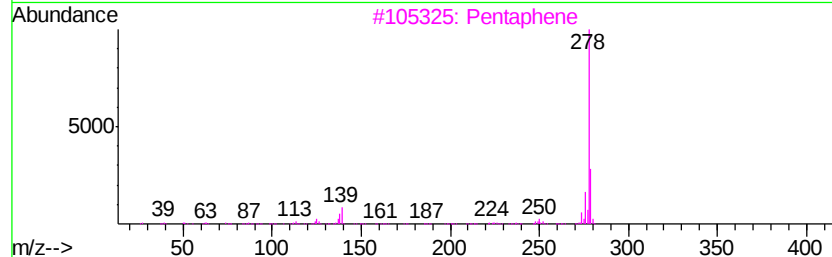
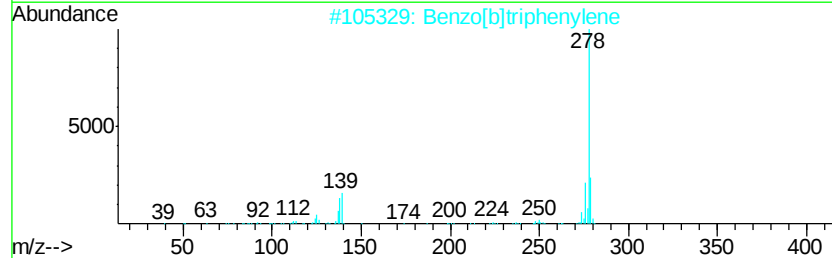
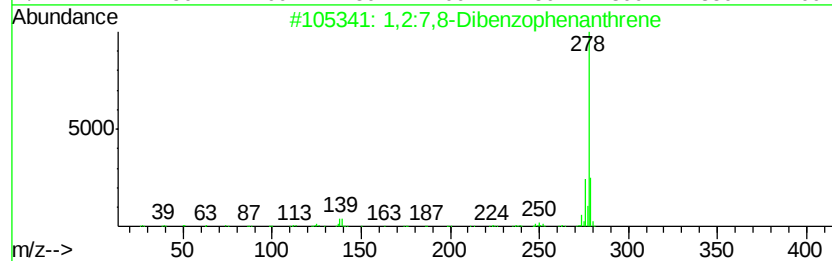
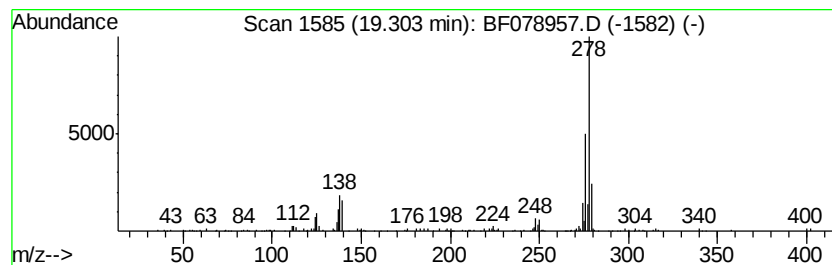
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,2:7,8-Dibenzophenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	6.39 ng	264547	Perylene-d12	17.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	86
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	83
3		Pentaphene	278	C22H14	000222-93-5	70
4		Benzo[a]naphthacene	278	C22H14	000226-88-0	62
5		Benzo[b]chrysene	278	C22H14	000214-17-5	62



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 Misc :
 ALS Vial : 7 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclopentane, met...	1.26	112.8	ng	2344370	1	7.35	415862	20.0
unknown1.51	1.51	178.2	ng	3704220	1	7.35	415862	20.0
Butane, 2-methoxy...	1.83	11.2	ng	233424	1	7.35	415862	20.0
2-Pentanone, 4-hy...	5.15	10.0	ng	208318	1	7.35	415862	20.0
unknown7.05	7.05	83.0	ng	1725510	1	7.35	415862	20.0
Phenanthrene, 2-m...	13.58	5.7	ng	194594	4	12.95	685616	20.0
Phenanthrene, 1-m...	13.61	7.5	ng	255577	4	12.95	685616	20.0
1H-Cyclopropa[1]p...	13.67	5.5	ng	188862	4	12.95	685616	20.0
4H-Cyclopenta[def...	13.71	8.9	ng	304438	4	12.95	685616	20.0
2-Phenyl naphthalene	13.95	7.5	ng	256821	4	12.95	685616	20.0
Phenanthrene, 3,6...	14.26	4.3	ng	147655	4	12.95	685616	20.0
Cyclopenta(def)ph...	14.35	4.9	ng	167842	4	12.95	685616	20.0
Benzo[e]pyrene	17.85	21.3	ng	882955	6	17.99	827680	20.0
1,2:7,8-Dibenzoph...	19.30	6.4	ng	264547	6	17.99	827680	20.0