

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042315\
 Data File : BF078749.D
 Acq On : 23 Apr 2015 15:26
 Operator : TP/IZ
 Sample : G1938-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-79D

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-BF040115.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	1.393	17	18	24	rBV	251072	502959	13.19%	2.576%
2	1.484	24	26	64	rVB	1804347	3811808	100.00%	19.526%
3	3.256	179	181	191	rVB	75317	107455	2.82%	0.550%
4	3.770	223	226	238	rVB	562997	742988	19.49%	3.806%
5	5.256	353	356	365	rBV	549196	781967	20.51%	4.006%
6	5.393	365	368	371	rVV	651518	815589	21.40%	4.178%
7	5.759	397	400	403	rBV	94852	134584	3.53%	0.689%
8	5.987	417	420	423	rBV	476078	587956	15.42%	3.012%
9	6.696	479	482	485	rBV	403323	494894	12.98%	2.535%
10	7.907	585	588	591	rBV	147326	206321	5.41%	1.057%
11	9.931	761	765	767	rBV	589352	920883	24.16%	4.717%
12	10.731	831	835	838	rBB	32546	44671	1.17%	0.229%
13	11.096	864	867	870	rBV	182901	232369	6.10%	1.190%
14	11.153	870	872	875	rVB	72992	89419	2.35%	0.458%
15	11.485	898	901	904	rBV2	39613	62128	1.63%	0.318%
16	12.114	953	956	960	rVB	58016	87978	2.31%	0.451%
17	12.571	992	996	1001	rBV	409190	677740	17.78%	3.472%
18	13.622	1083	1088	1093	rVB2	26094	55703	1.46%	0.285%
19	13.828	1103	1106	1107	rBV	177665	246326	6.46%	1.262%
20	13.874	1107	1110	1113	rVV	529984	750105	19.68%	3.842%
21	13.965	1113	1118	1121	rVB	141708	206435	5.42%	1.057%
22	14.297	1145	1147	1151	rVB	46271	69232	1.82%	0.355%
23	14.720	1181	1184	1185	rBV	57012	80144	2.10%	0.411%
24	14.754	1185	1187	1190	rVV	90401	108057	2.83%	0.554%
25	14.834	1192	1194	1195	rVV	39999	45773	1.20%	0.234%
26	14.868	1195	1197	1199	rVV2	72996	117616	3.09%	0.602%
27	14.914	1199	1201	1204	rVB	57629	84744	2.22%	0.434%
28	15.211	1224	1227	1230	rBV2	47333	85411	2.24%	0.438%
29	15.451	1247	1248	1252	rVV2	43354	62839	1.65%	0.322%
30	15.577	1256	1259	1261	rVV2	37291	78592	2.06%	0.403%
31	15.657	1264	1266	1268	rVV2	24698	52208	1.37%	0.267%
32	15.771	1273	1276	1280	rVB	633994	821213	21.54%	4.207%
33	15.897	1284	1287	1289	rVB3	43302	51382	1.35%	0.263%
34	16.080	1300	1303	1306	rVB	605734	726804	19.07%	3.723%

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35	16.285	1317	1321	1322	rVV3	26311	55777	1.46%	0.286%
36	16.308	1322	1323	1326	rVV	56989	66546	1.75%	0.341%
37	16.377	1326	1329	1331	rVV	952592	1082414	28.40%	5.545%
38	16.423	1331	1333	1335	rVB2	29973	43583	1.14%	0.223%
39	16.537	1340	1343	1344	rBV	175693	234385	6.15%	1.201%
40	16.571	1344	1346	1348	rVB	61249	77169	2.02%	0.395%
41	16.663	1351	1354	1355	rBV	37905	52936	1.39%	0.271%
42	16.697	1355	1357	1364	rVV2	41527	91330	2.40%	0.468%
43	16.811	1365	1367	1369	rVV2	26150	38258	1.00%	0.196%
44	17.143	1389	1396	1400	rBV6	14819	56906	1.49%	0.292%
45	17.246	1400	1405	1410	rVV2	34378	80957	2.12%	0.415%
46	17.383	1414	1417	1419	rVV2	39159	59851	1.57%	0.307%
47	17.428	1419	1421	1423	rVV2	50390	85971	2.26%	0.440%
48	17.474	1423	1425	1427	rVV2	30448	43688	1.15%	0.224%
49	17.520	1427	1429	1432	rVV	30516	47302	1.24%	0.242%
50	17.703	1439	1445	1447	rVV2	439871	811366	21.29%	4.156%
51	17.748	1447	1449	1451	rVV	232196	320101	8.40%	1.640%
52	17.840	1455	1457	1460	rVB2	87809	127295	3.34%	0.652%
53	18.034	1472	1474	1476	rBV	29351	38831	1.02%	0.199%
54	18.228	1488	1491	1493	rBV	45465	71628	1.88%	0.367%
55	18.503	1513	1515	1518	rBV2	34620	47619	1.25%	0.244%
56	18.834	1540	1544	1547	rBV3	28819	53824	1.41%	0.276%
57	19.006	1556	1559	1564	rBV	204298	437687	11.48%	2.242%
58	19.120	1564	1569	1571	rBV2	40719	65717	1.72%	0.337%
59	19.314	1584	1586	1588	rVB	101453	132718	3.48%	0.680%
60	19.371	1588	1591	1594	rVB	187472	226965	5.95%	1.163%
61	19.429	1594	1596	1598	rBV	225779	321277	8.43%	1.646%
62	20.057	1647	1651	1655	rBV3	21065	60804	1.60%	0.311%
63	20.492	1686	1689	1691	rBV2	24728	47005	1.23%	0.241%
64	20.606	1696	1699	1704	rVB2	80920	143387	3.76%	0.735%
65	20.743	1709	1711	1713	rBV2	22682	46953	1.23%	0.241%
66	20.914	1723	1726	1731	rVB	73511	122212	3.21%	0.626%
67	21.086	1736	1741	1744	rBV2	24545	66448	1.74%	0.340%
68	22.435	1853	1859	1862	rBV2	63572	177430	4.65%	0.909%
69	22.503	1862	1865	1868	rVV	22057	56216	1.47%	0.288%
70	22.675	1878	1880	1888	rVB3	12772	43177	1.13%	0.221%
71	23.326	1933	1937	1942	rVB2	13365	41601	1.09%	0.213%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

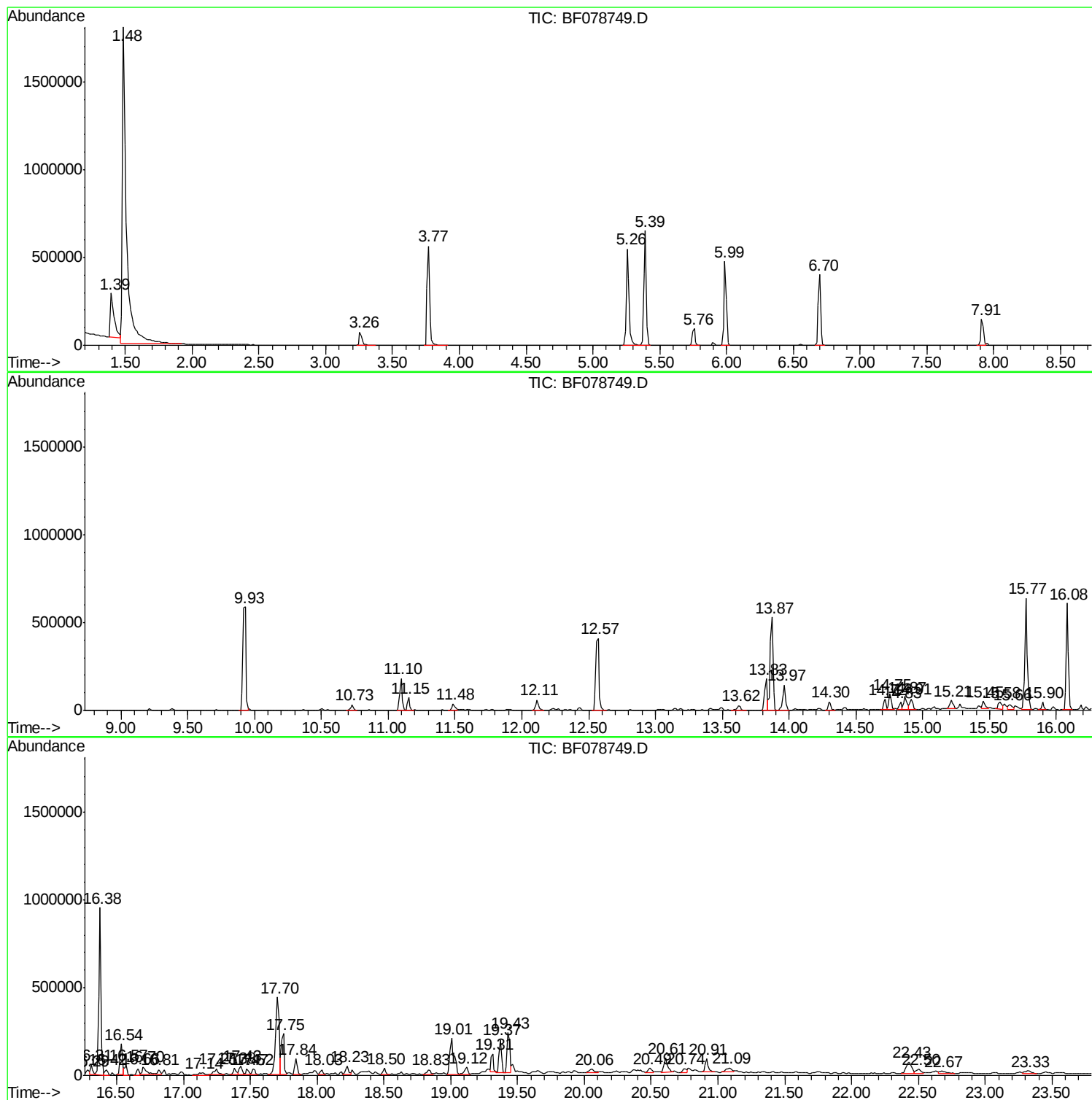
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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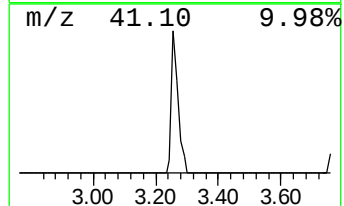
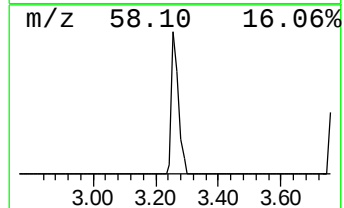
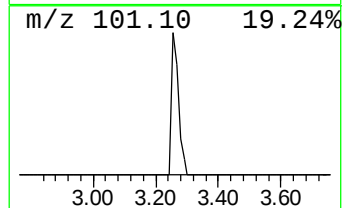
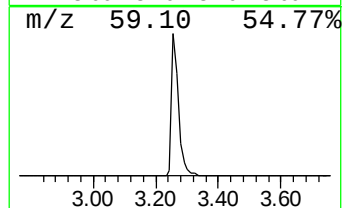
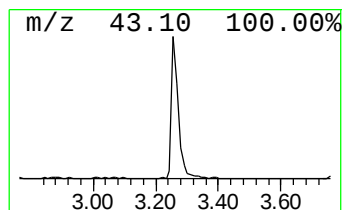
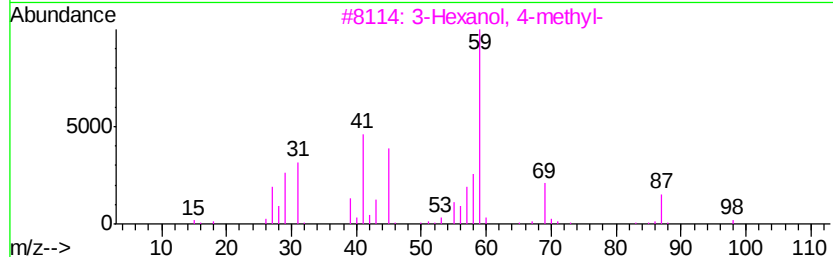
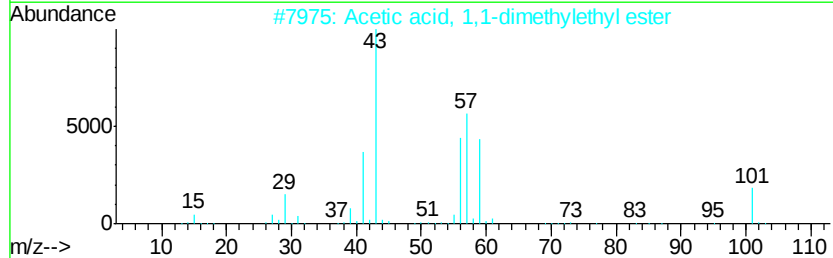
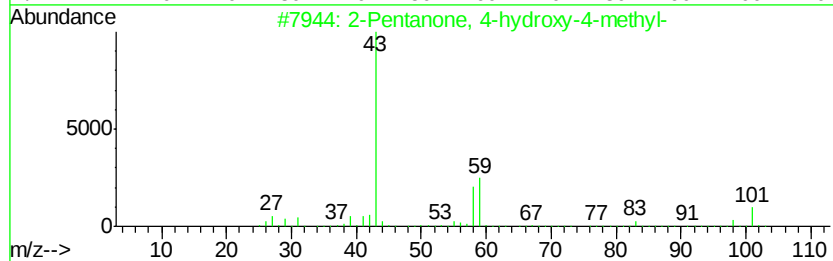
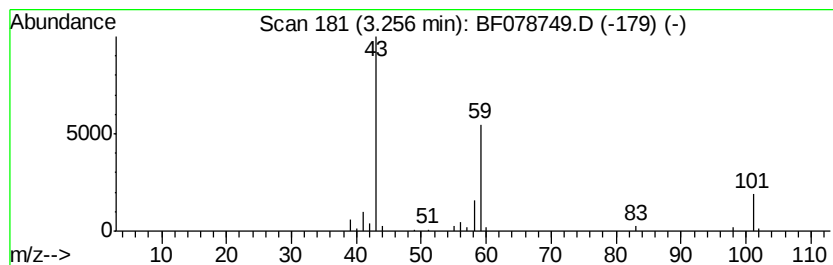
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	15.97 ng	107455	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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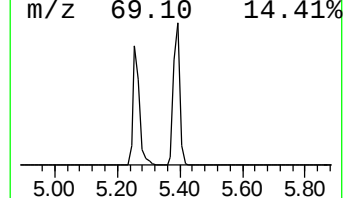
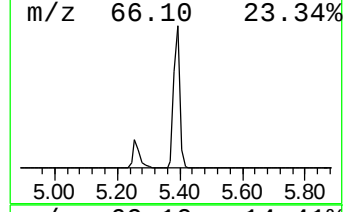
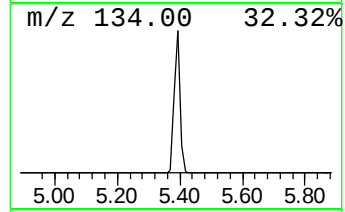
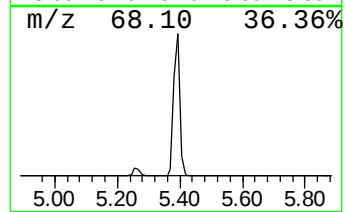
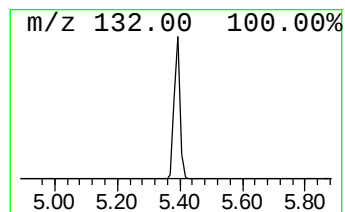
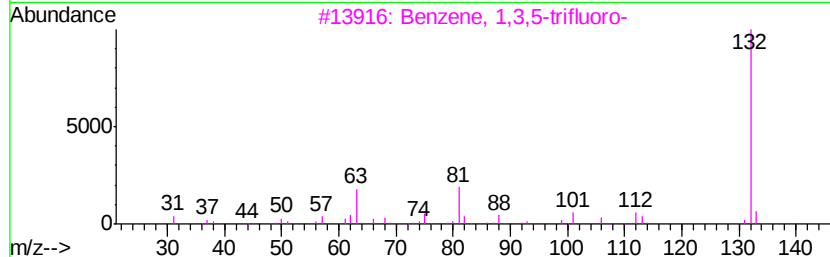
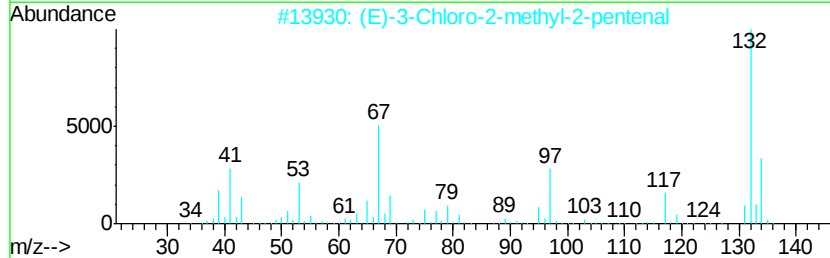
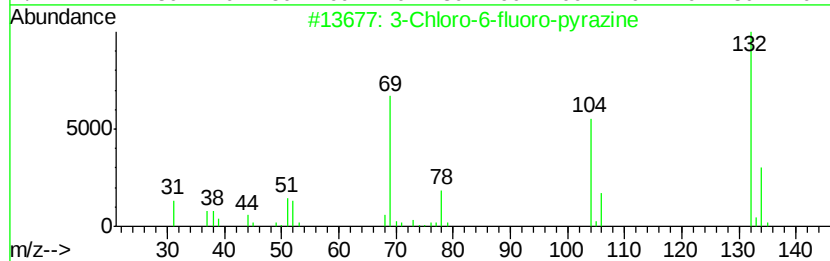
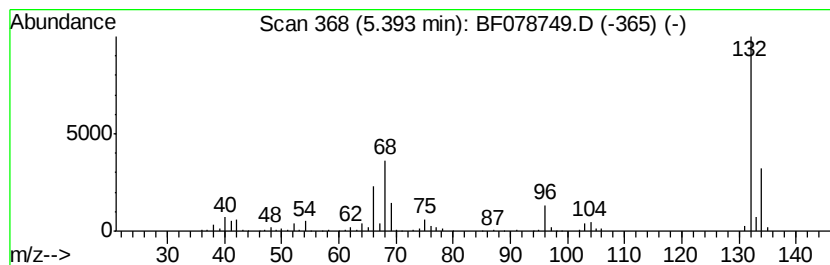
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown5.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	121.20 ng	815589	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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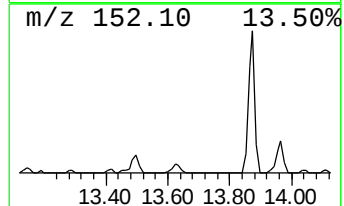
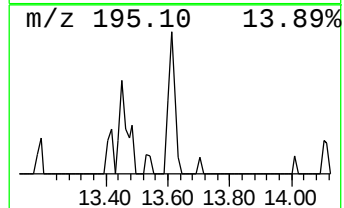
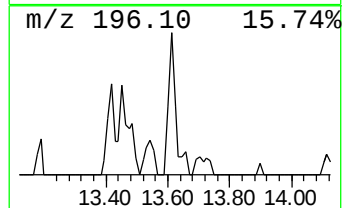
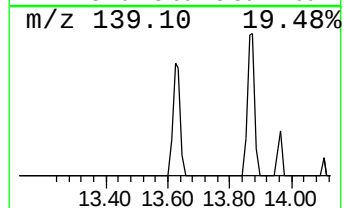
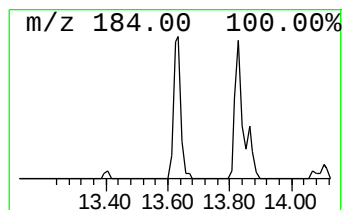
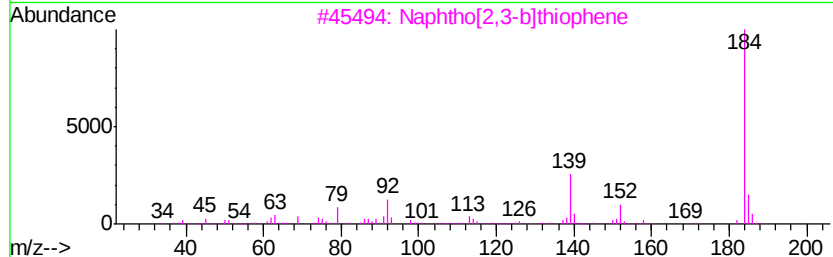
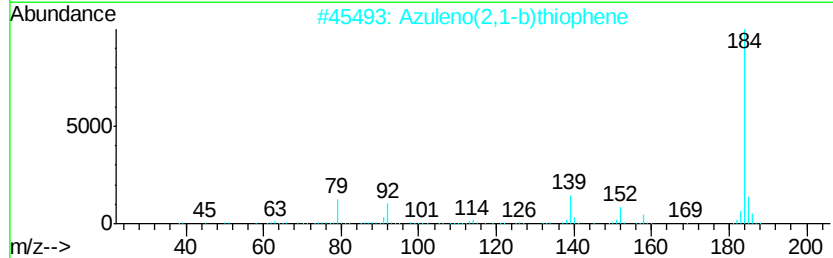
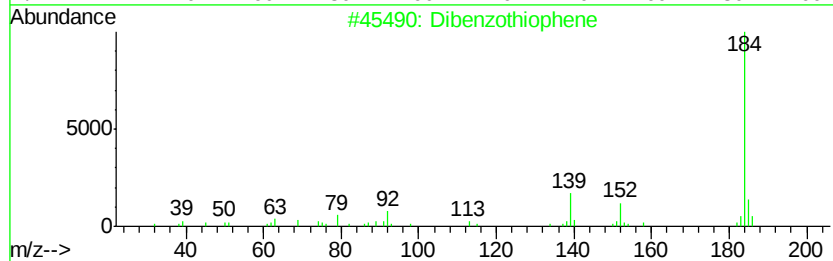
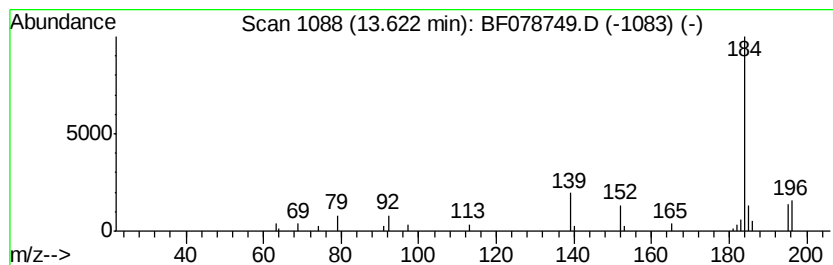
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	4.52 ng	55703	Phenanthrene-d10	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	87
2		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	59
4		Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	50
5		Phenol, pentafluoro-	184	C6HF5O	000771-61-9	50



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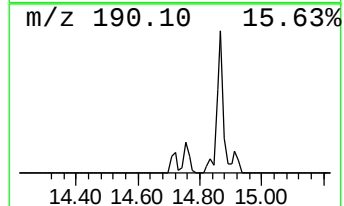
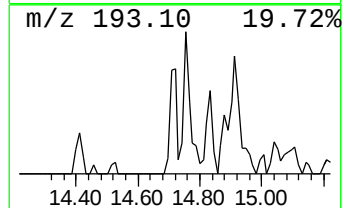
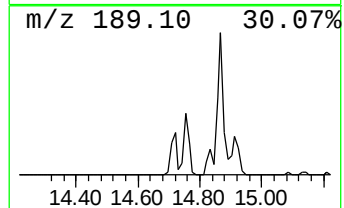
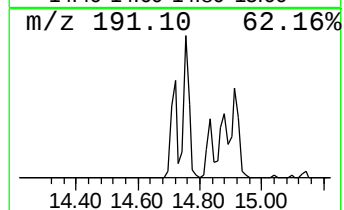
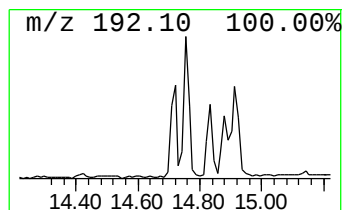
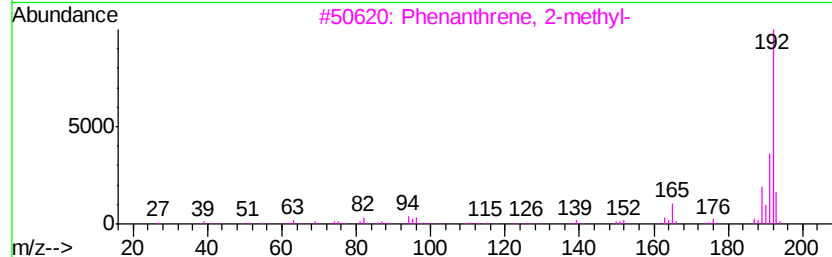
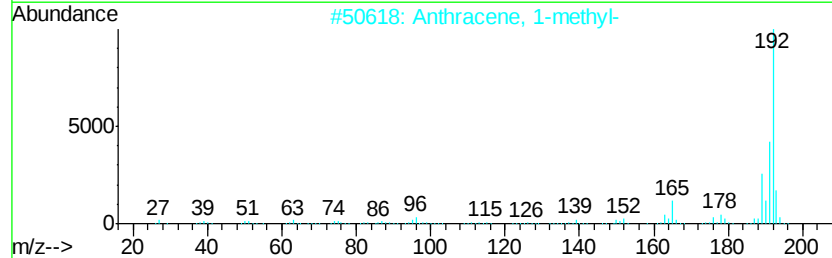
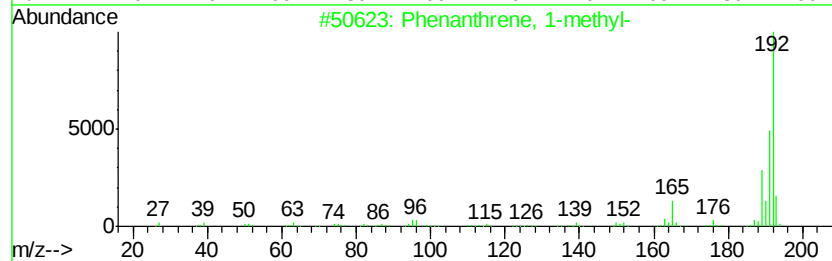
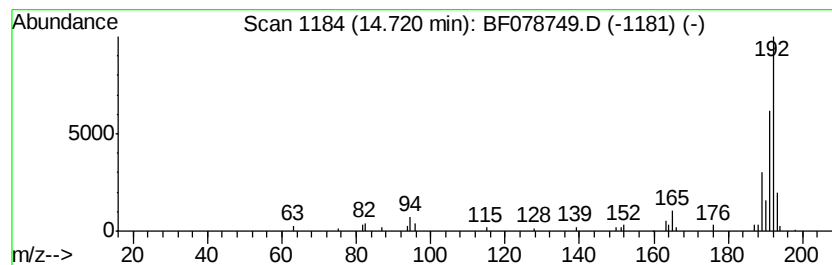
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	6.51 ng	80144	Phenanthrene-d10	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042315\
Data File : BF078749.D
Acq On : 23 Apr 2015 15:26
Operator : TP/IZ
Sample : G1938-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

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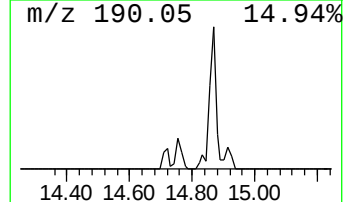
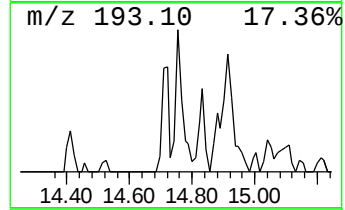
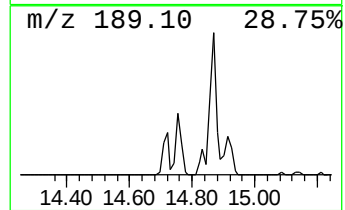
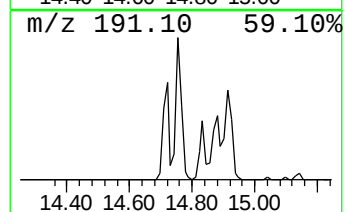
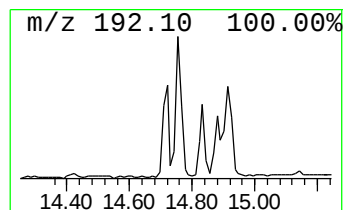
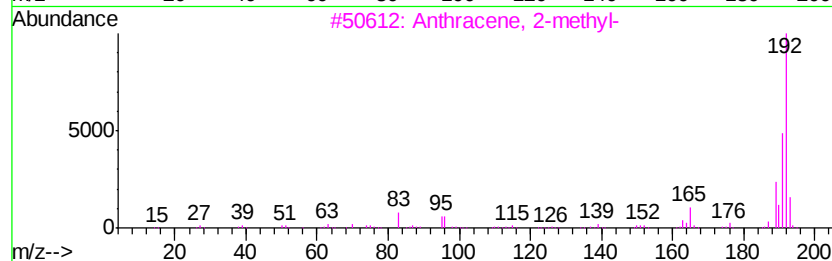
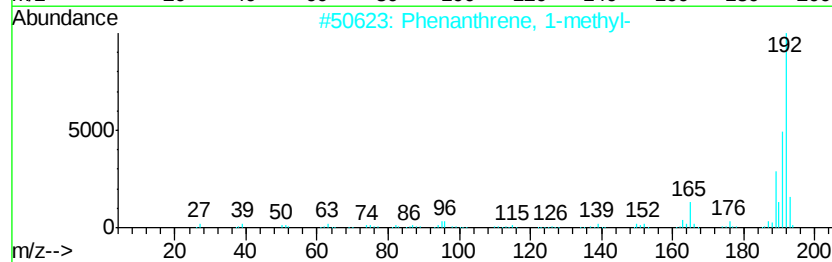
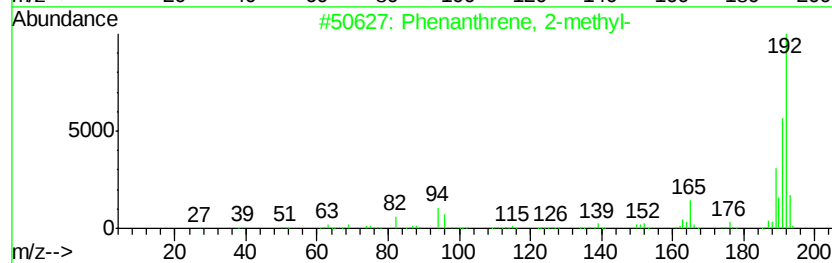
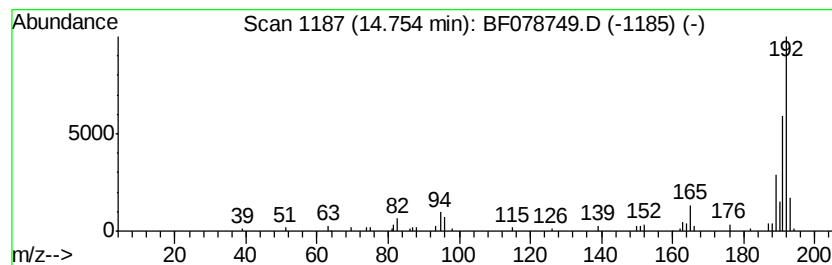
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	8.77 ng	108057	Phenanthrene-d10	13.83

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	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



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Data File : BF078749.D
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Misc :
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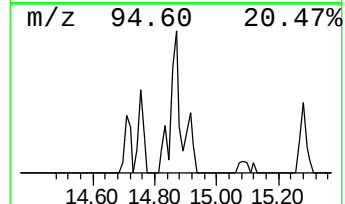
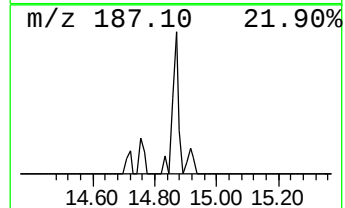
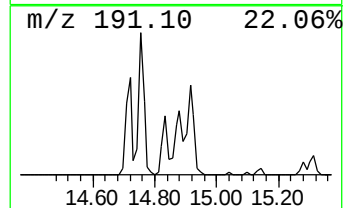
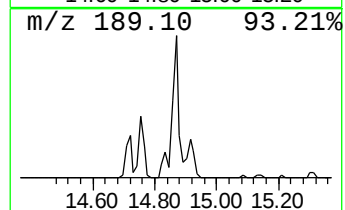
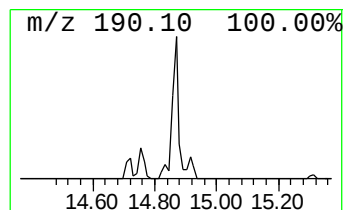
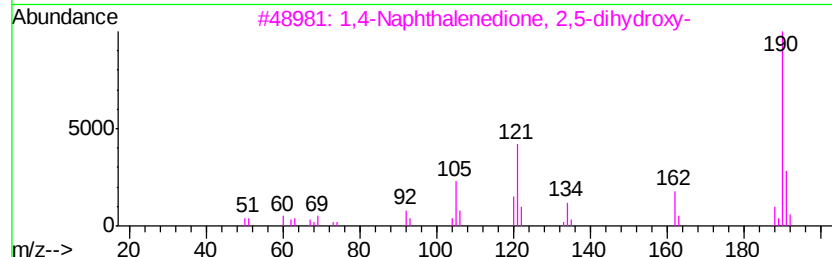
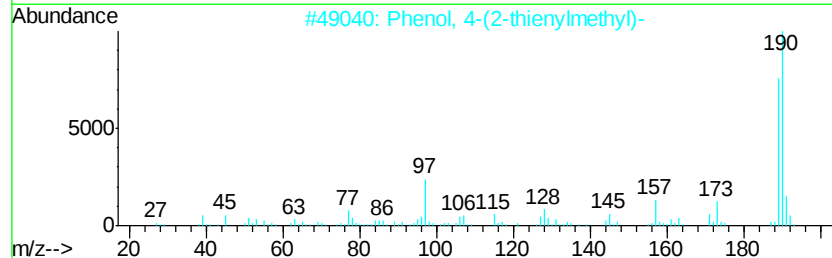
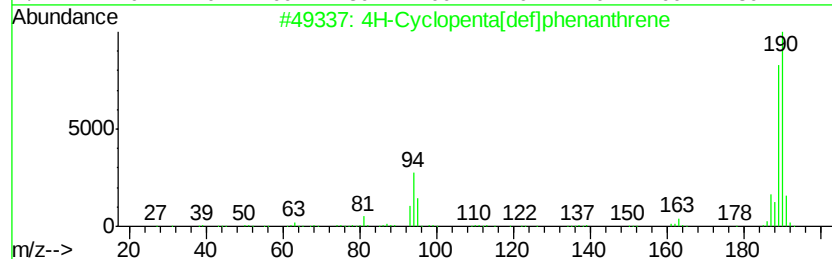
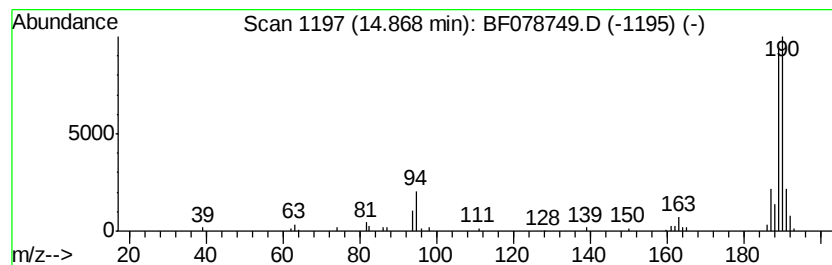
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	9.55 ng	117616	Phenanthrene-d10	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2		Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
3		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
4		4-Cyano-4-hydroxy-3-methyl-2-phe...	216	C13H16N2O	1000216-11-7	22
5		Benzo[1,2-b:4,3-b']dithiophene	190	C10H6S2	000210-80-0	16



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
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Misc :
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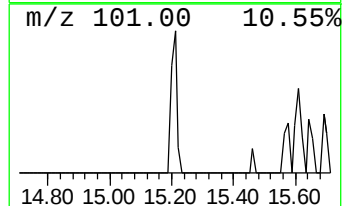
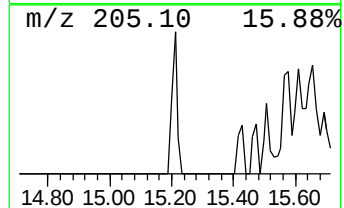
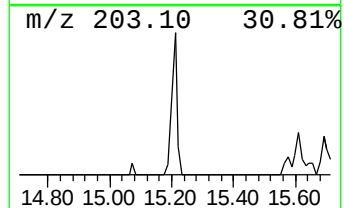
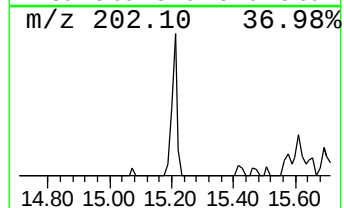
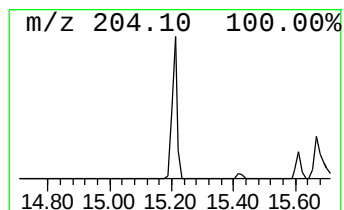
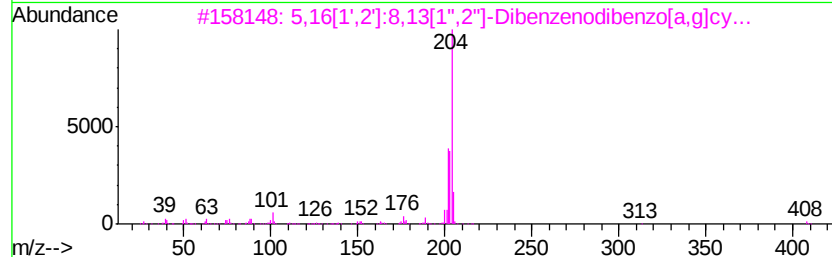
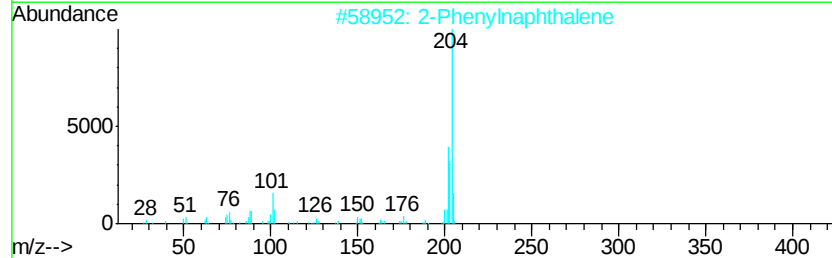
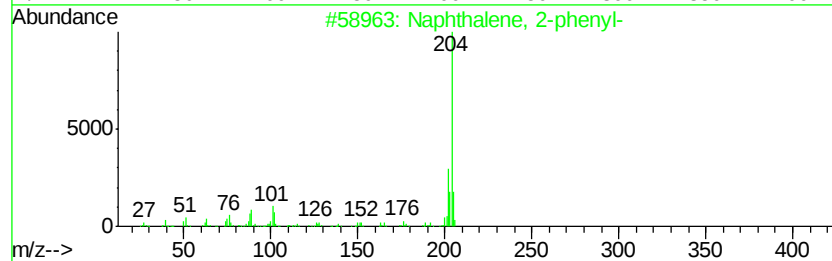
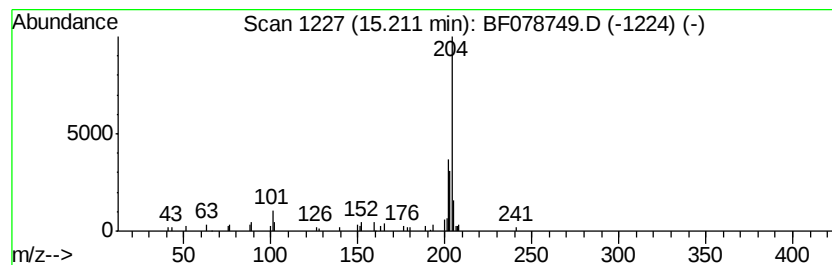
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	6.93 ng	85411	Phenanthrene-d10	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	90
3		5,16[1',2'] : 8,13[1',2']-Dibenz...	408	C32H24	005672-97-9	86
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53



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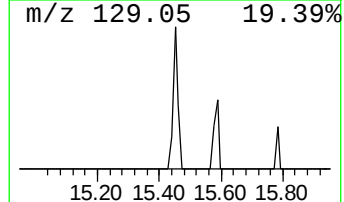
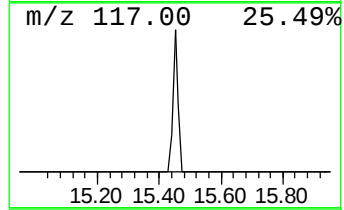
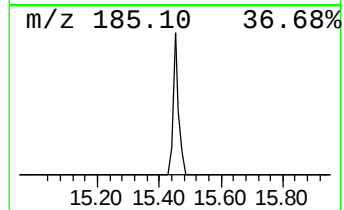
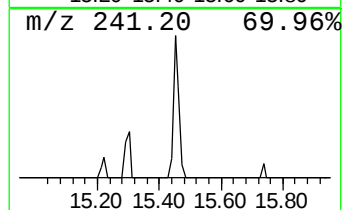
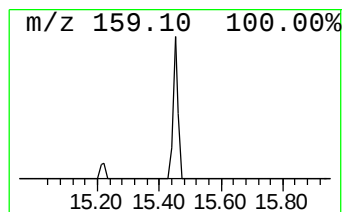
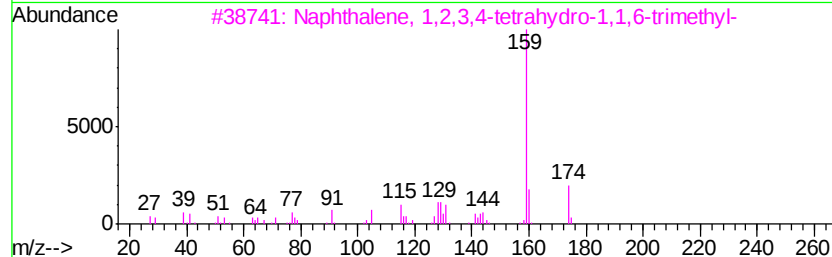
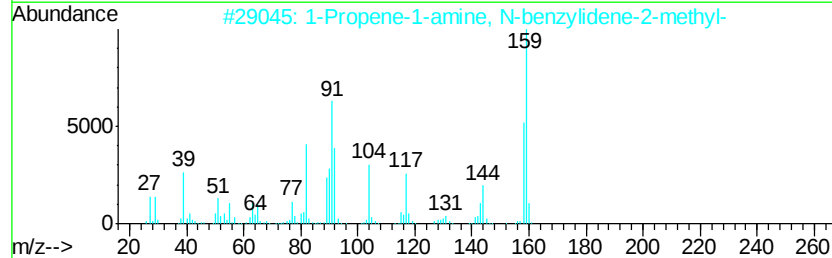
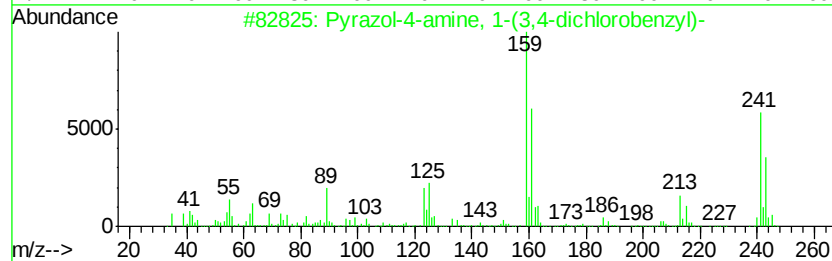
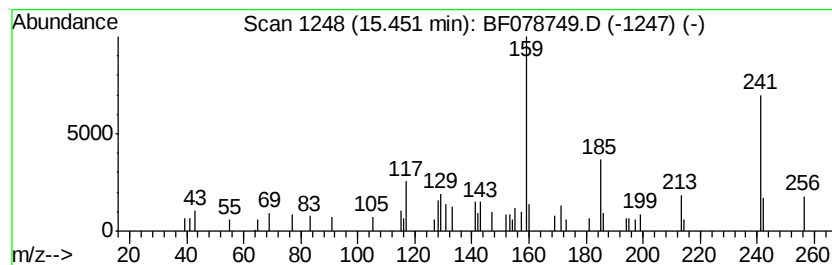
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrazol-4-amine, 1-(3,4-dic... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	5.10 ng	62839	Phenanthrene-d10	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	52
2		1-Propene-1-amine, N-benzylidene...	159	C11H13N	039575-55-8	35
3		Naphthalene, 1,2,3,4-tetrahydro...	174	C13H18	000475-03-6	35
4		Naphthalene, 1,2,3,4-tetrahydro...	174	C13H18	022824-32-4	35
5		Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35



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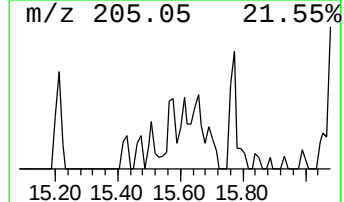
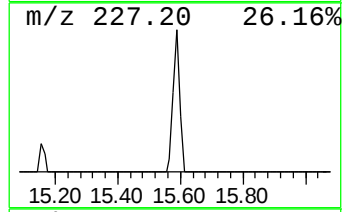
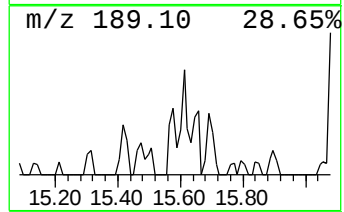
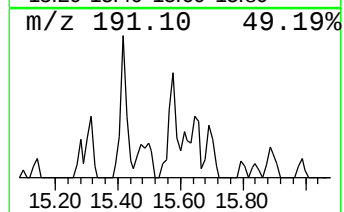
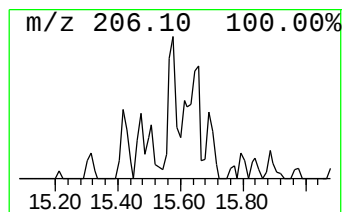
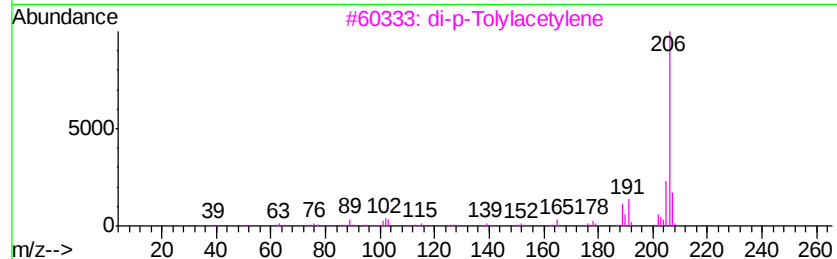
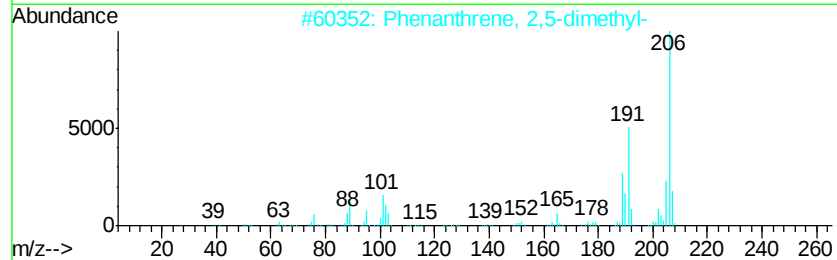
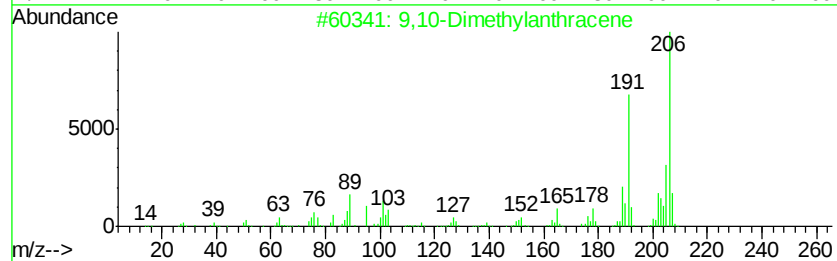
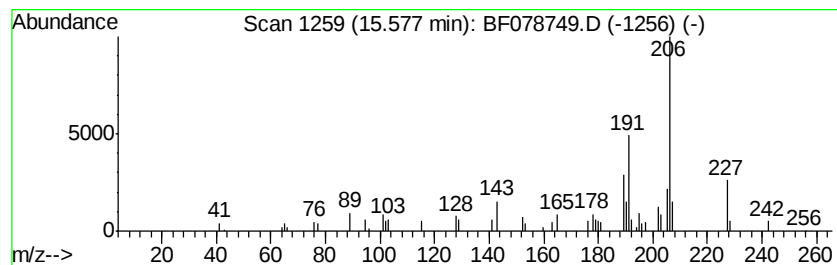
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Dimethylantracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	6.38 ng	78592	Phenanthrene-d10	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	76
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	76
3		di-p-Tolylacetvlene	206	C16H14	002789-88-0	76
4		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	76
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70



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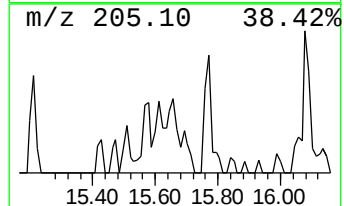
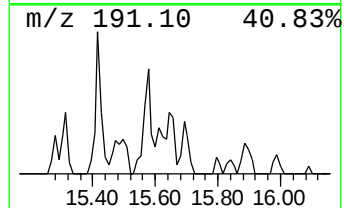
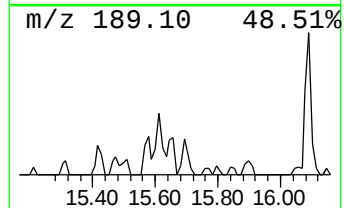
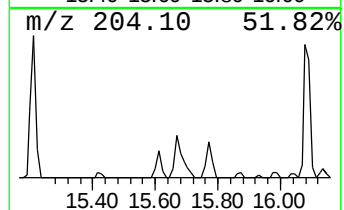
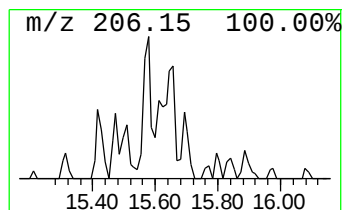
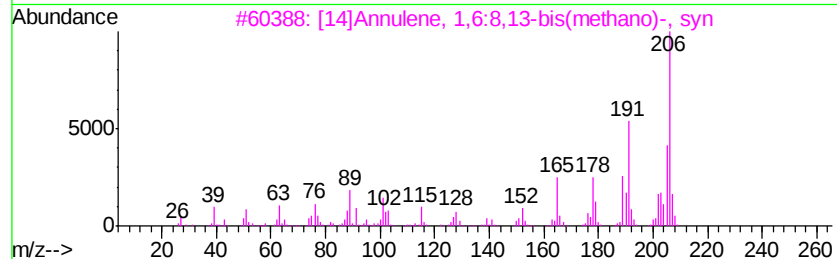
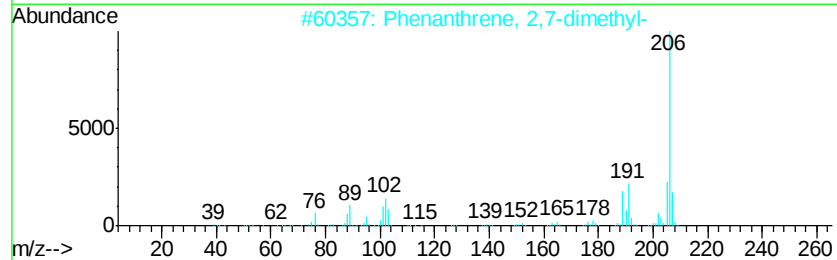
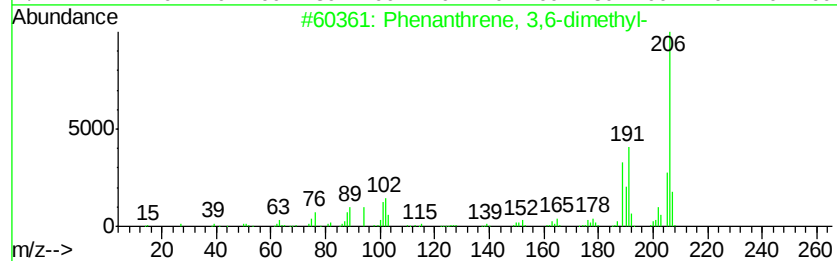
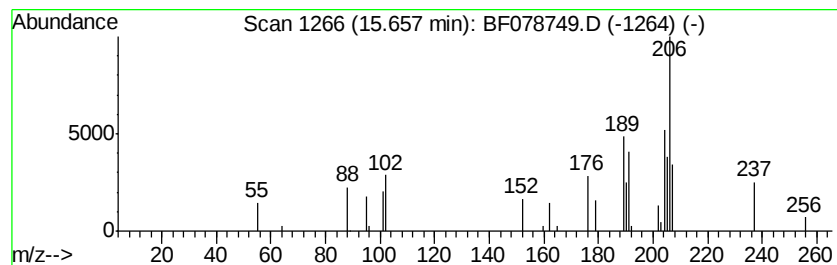
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	4.24 ng	52208	Phenanthrene-d10	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	53
2		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	50
3		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	43
4		Benzenamine, N-methyl-N-nitroso-...	236	C15H12N2O	131025-98-4	43
5		Benzene, 1,1'-(1,3-butadienylyde...	206	C16H14	004165-81-5	43



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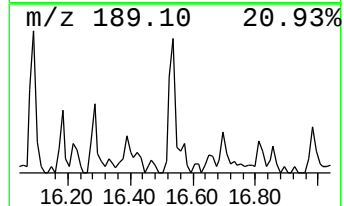
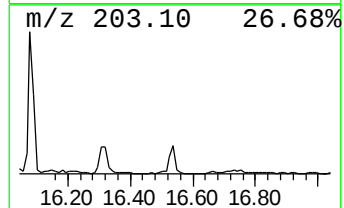
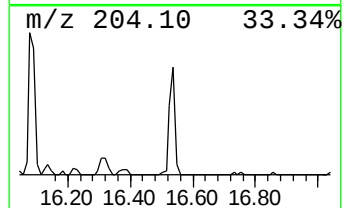
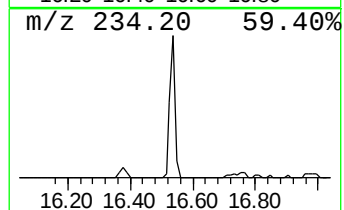
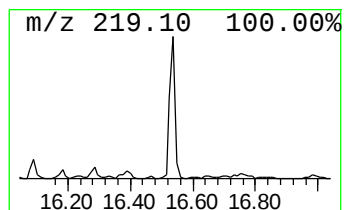
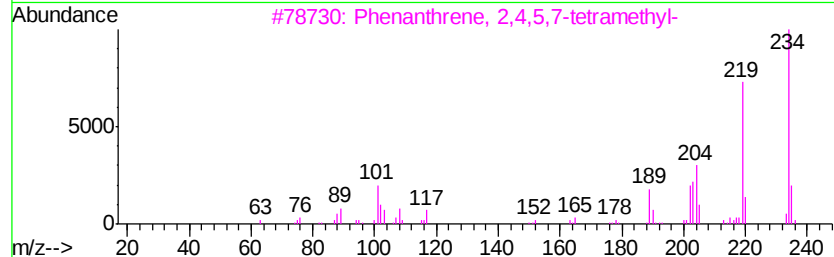
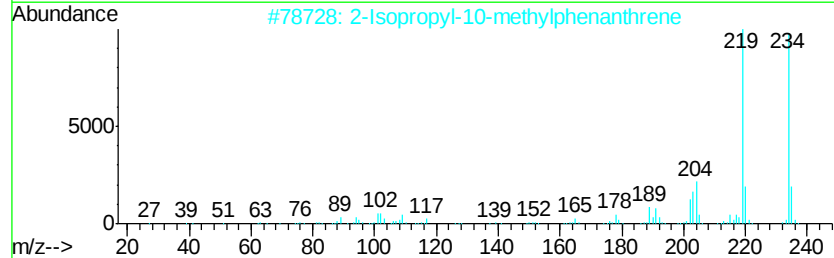
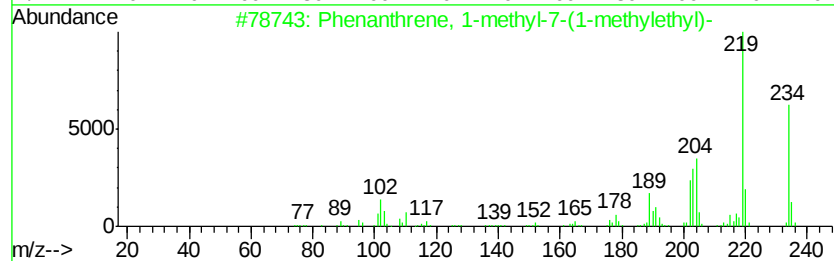
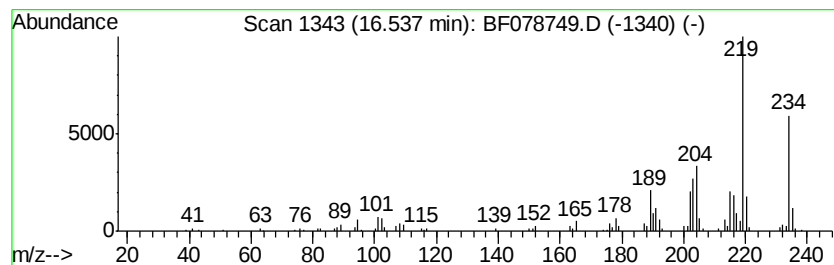
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 1-methyl-7-(1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	5.78 ng	234385	Chrysene-d12	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	98
2		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	91
3		Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	86
4		Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	64
5		1-(10-Methylantracen-9-yl)ethanone	234	C17H14O	036778-18-4	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
Data File : BF078749.D
Acq On : 23 Apr 2015 15:26
Operator : TP/IZ
Sample : G1938-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-79D

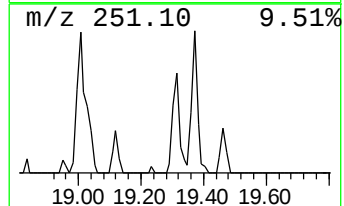
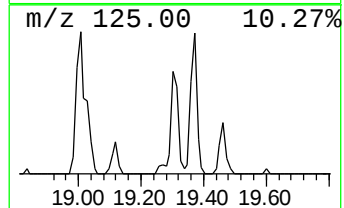
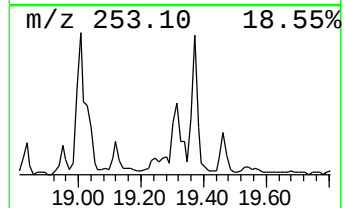
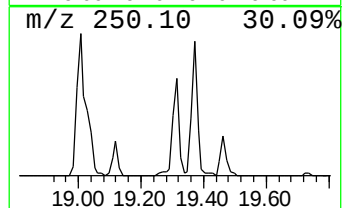
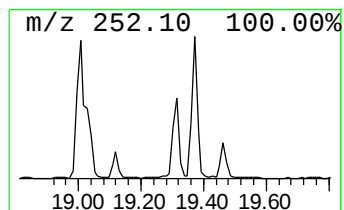
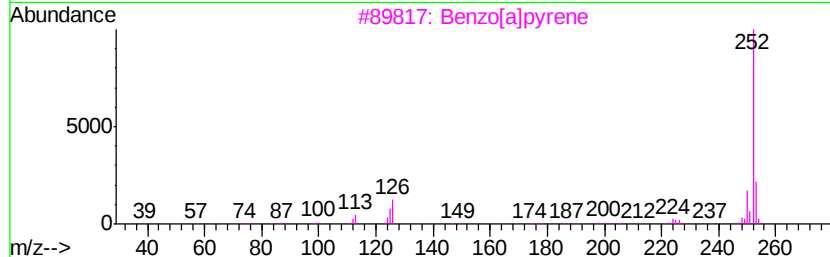
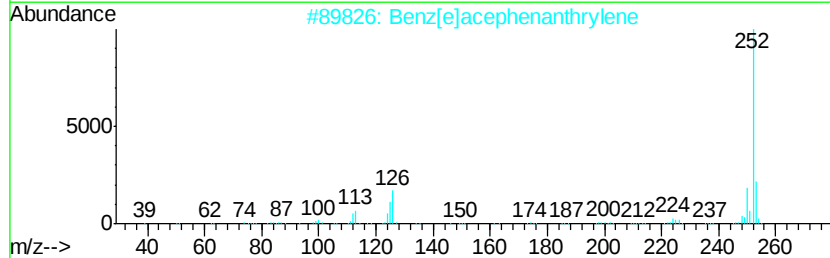
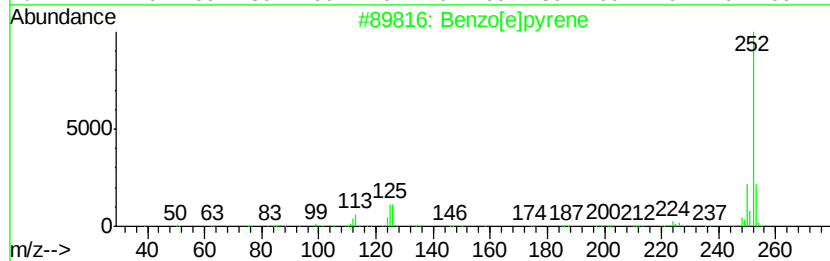
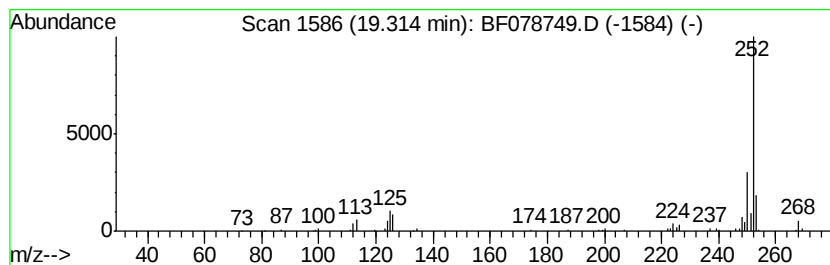
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	8.26 ng	132718	Perylene-d12	19.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]bpvrene	252	C20H12	000192-97-2	93
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
3		Benzo[a]bpvrene	252	C20H12	000050-32-8	90
4		Benzo[i]lfluoranthene	252	C20H12	000205-82-3	90
5		Perylene	252	C20H12	000198-55-0	90



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Acq On : 23 Apr 2015 15:26
Operator : TP/IZ
Sample : G1938-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-79D

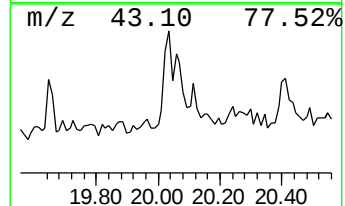
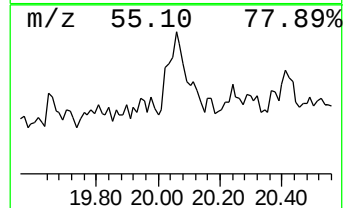
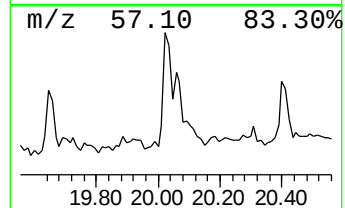
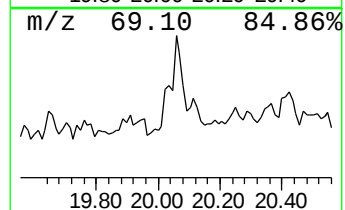
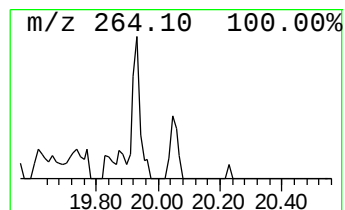
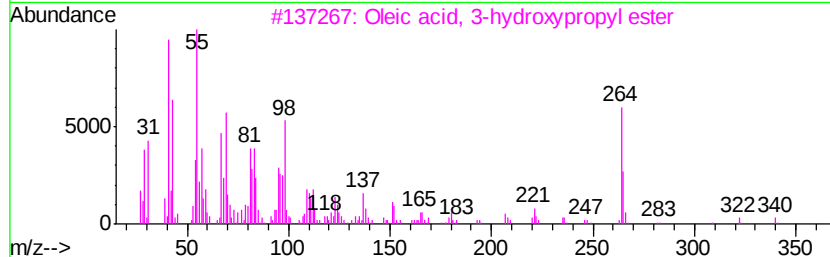
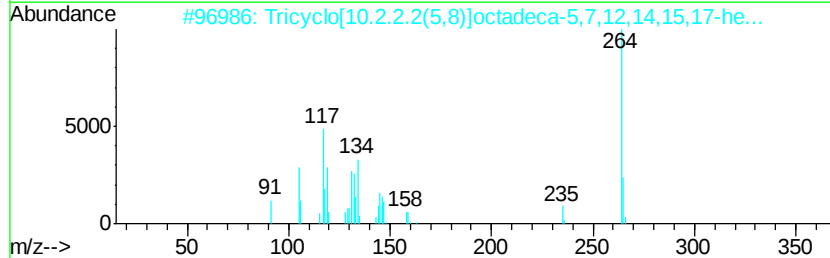
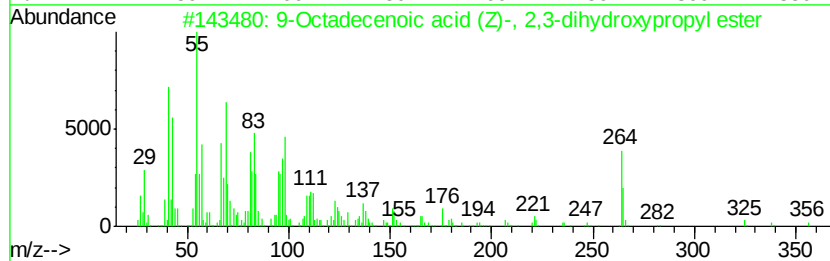
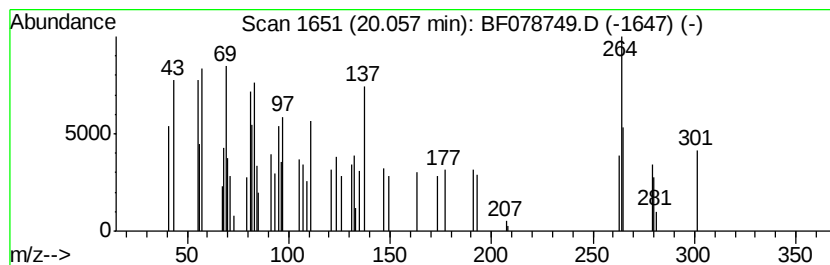
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown20.06 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	3.79 ng	60804	Perylene-d12	19.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, 2,3-di...	356	C21H40O4	000111-03-5	16
2		Tricyclo[10.2.2.2(5,8)]octadeca-...	264	C20H24	024777-38-6	14
3		Oleic acid, 3-hydroxypropyl ester	340	C21H40O3	000821-17-0	12
4		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	12
5		Azuleno[4,5-b]furan-2,8(3H,4H)-d...	264	C15H20O4	001618-98-0	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
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Acq On : 23 Apr 2015 15:26
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Sample : G1938-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

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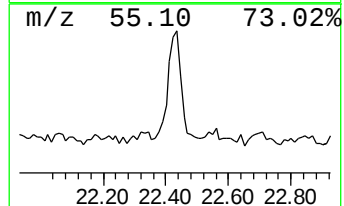
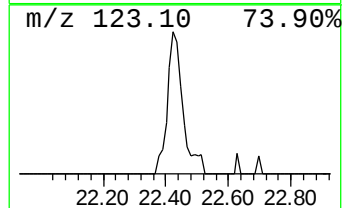
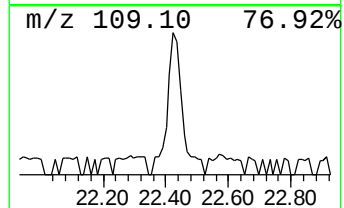
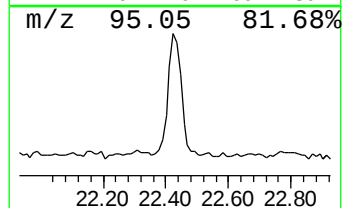
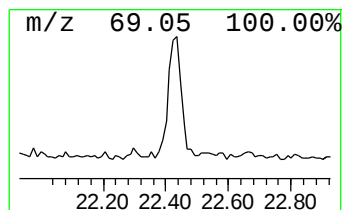
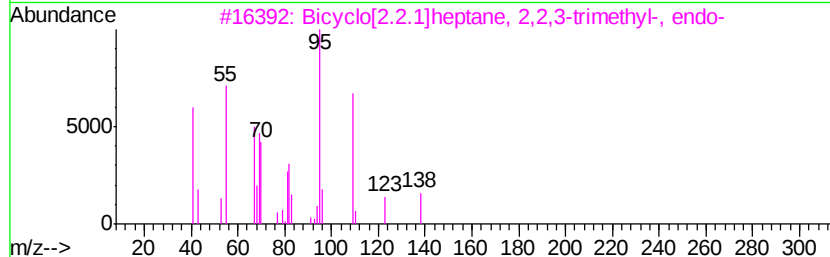
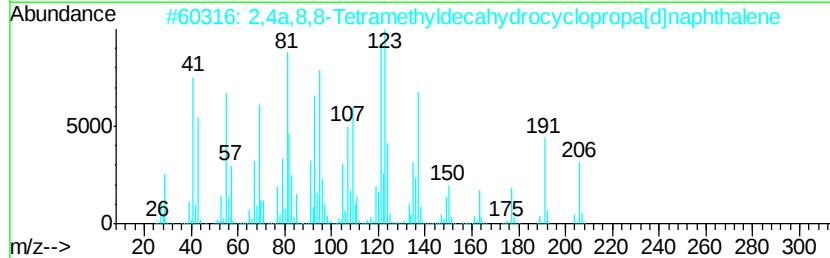
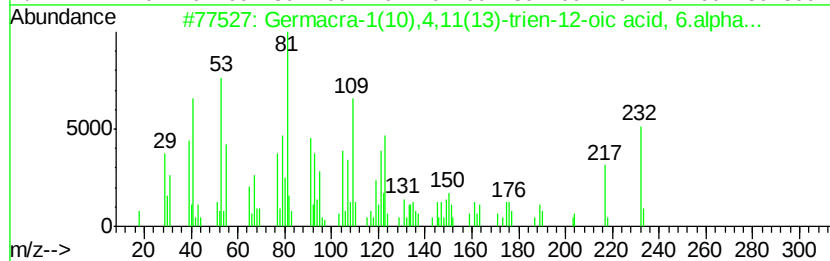
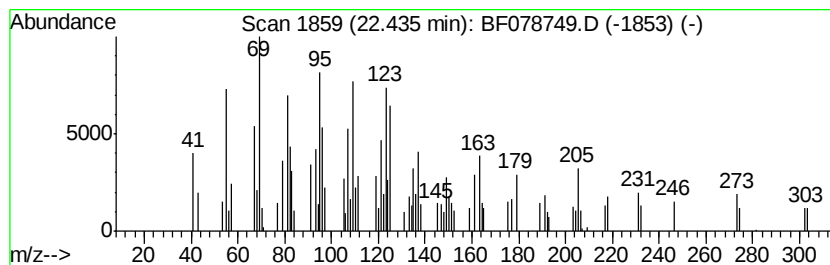
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown22.43 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	11.05 ng	177430	Perylene-d12	19.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Germacra-1(10),4,11(13)-trien-12...	232	C15H20O2	000553-21-9	43
2		2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	38
3		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	38
4		2-Cyclohexene-1-carboxaldehyde, ...	220	C15H24O	056772-07-7	35
5		Longifolenaldehyde	220	C15H24O	019890-84-7	27



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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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
2-Pentanone, 4-hy...	3.26	16.0	ng	107455	1	5.76	134584	20.0
unknown5.39	5.39	121.2	ng	815589	1	5.76	134584	20.0
Dibenzothiophene	13.62	4.5	ng	55703	4	13.83	246326	20.0
Phenanthrene, 1-m...	14.72	6.5	ng	80144	4	13.83	246326	20.0
Phenanthrene, 2-m...	14.75	8.8	ng	108057	4	13.83	246326	20.0
4H-Cyclopenta[def...	14.87	9.6	ng	117616	4	13.83	246326	20.0
Naphthalene, 2-ph...	15.21	6.9	ng	85411	4	13.83	246326	20.0
Pyrazol-4-amine, ...	15.45	5.1	ng	62839	4	13.83	246326	20.0
9,10-Dimethylanthe...	15.58	6.4	ng	78592	4	13.83	246326	20.0
Phenanthrene, 3,6...	15.66	4.2	ng	52208	4	13.83	246326	20.0
Phenanthrene, 1-m...	16.54	5.8	ng	234385	5	17.71	811366	20.0
Benzo[e]pyrene	19.31	8.3	ng	132718	6	19.43	321277	20.0
unknown20.06	20.06	3.8	ng	60804	6	19.43	321277	20.0
unknown22.43	22.43	11.1	ng	177430	6	19.43	321277	20.0