

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104938.D
 Acq On : 30 Apr 2018 17:41
 Operator : JU/SJ
 Sample : J2609-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01C

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-BF040618.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	4.992	488	494	506	rBV	70140	102010	1.16%	0.121%
2	5.410	562	565	584	rBV	1489421	1881019	21.30%	2.224%
3	6.439	736	740	757	rBV	1651192	2011977	22.78%	2.379%
4	6.563	757	761	766	rVB	1978980	1933617	21.90%	2.286%
5	6.786	796	799	803	rBV	782858	653679	7.40%	0.773%
6	6.945	822	826	829	rBV	1804147	1480268	16.76%	1.750%
7	7.357	892	896	899	rBV	1333239	1176065	13.32%	1.390%
8	7.810	970	973	977	rBV4	71673	102456	1.16%	0.121%
9	8.075	1015	1018	1020	rVV	1000819	1008627	11.42%	1.192%
10	8.098	1020	1022	1025	rVV	2614083	2063411	23.37%	2.440%
11	8.145	1028	1030	1037	rVB	160897	161489	1.83%	0.191%
12	8.457	1078	1083	1086	rBV	86596	99993	1.13%	0.118%
13	8.786	1135	1139	1143	rBV	1807410	1673965	18.96%	1.979%
14	8.863	1146	1152	1153	rBV3	160878	205361	2.33%	0.243%
15	8.886	1153	1156	1159	rVB	1172313	949321	10.75%	1.122%
16	9.151	1194	1201	1204	rBV	2028984	1859617	21.06%	2.199%
17	9.222	1209	1213	1215	rBV	134657	118968	1.35%	0.141%
18	9.251	1215	1218	1221	rBV	537675	437750	4.96%	0.518%
19	9.345	1231	1234	1240	rVB	266617	281410	3.19%	0.333%
20	9.416	1241	1246	1250	rBV	604881	826731	9.36%	0.977%
21	9.486	1254	1258	1261	rBV	876810	963230	10.91%	1.139%
22	9.516	1261	1263	1267	rVV2	683092	744926	8.44%	0.881%
23	9.545	1267	1268	1270	rVV	255204	133277	1.51%	0.158%
24	9.604	1274	1278	1283	rBV2	477352	587689	6.65%	0.695%
25	9.686	1290	1292	1296	rVV	447343	421315	4.77%	0.498%
26	9.733	1297	1300	1302	rVV	240311	165741	1.88%	0.196%
27	9.810	1309	1313	1315	rBV3	556910	622621	7.05%	0.736%
28	9.833	1315	1317	1319	rVV	961574	813669	9.21%	0.962%
29	9.869	1319	1323	1326	rVV	3139358	2882972	32.65%	3.409%
30	9.904	1326	1329	1331	rVB2	91675	95708	1.08%	0.113%
31	9.933	1331	1334	1338	rBV3	260607	330304	3.74%	0.391%
32	9.986	1338	1343	1345	rBV3	352212	474877	5.38%	0.561%
33	10.039	1347	1352	1355	rVV2	2175004	2173789	24.62%	2.570%
34	10.074	1355	1358	1362	rVB2	547178	493942	5.59%	0.584%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043018\
 Data File : BF104938.D
 Acq On : 30 Apr 2018 17:41
 Operator : JU/SJ
 Sample : J2609-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01C

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-BF040618.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.145	1367	1370	1373	rBV	672536	713978	8.09%	0.844%
36	10.174	1373	1375	1377	rBV	372795	246739	2.79%	0.292%
37	10.233	1381	1385	1387	rBV3	783466	1030389	11.67%	1.218%
38	10.257	1387	1389	1391	rVB	470765	332750	3.77%	0.393%
39	10.286	1391	1394	1396	rBV3	148686	184301	2.09%	0.218%
40	10.327	1399	1401	1404	rVB3	313074	317702	3.60%	0.376%
41	10.386	1406	1411	1415	rBV2	2566152	2871558	32.52%	3.395%
42	10.433	1416	1419	1420	rBV	284848	303822	3.44%	0.359%
43	10.445	1420	1421	1423	rVV	193691	124050	1.40%	0.147%
44	10.469	1423	1425	1427	rVB2	535750	418978	4.74%	0.495%
45	10.492	1427	1429	1431	rBV2	297264	241082	2.73%	0.285%
46	10.539	1434	1437	1440	rVB2	894251	869898	9.85%	1.028%
47	10.574	1440	1443	1446	rBV3	187810	232769	2.64%	0.275%
48	10.627	1448	1452	1455	rBV2	1324242	1659065	18.79%	1.962%
49	10.745	1467	1472	1479	rBV2	1737284	2035964	23.06%	2.407%
50	10.798	1479	1481	1483	rBV	431723	373683	4.23%	0.442%
51	10.821	1483	1485	1487	rVV	659701	583022	6.60%	0.689%
52	10.845	1487	1489	1494	rVB2	443853	489686	5.55%	0.579%
53	10.933	1500	1504	1507	rBV3	733874	940344	10.65%	1.112%
54	10.963	1507	1509	1511	rVV	454154	323733	3.67%	0.383%
55	10.986	1511	1513	1515	rBV2	236927	184902	2.09%	0.219%
56	11.068	1521	1527	1532	rBV3	1577211	2665052	30.18%	3.151%
57	11.139	1536	1539	1542	rVV3	524834	757268	8.58%	0.895%
58	11.174	1542	1545	1548	rVV2	584992	850278	9.63%	1.005%
59	11.227	1551	1554	1558	rVB2	709307	961322	10.89%	1.137%
60	11.333	1569	1572	1573	rBV	799720	809334	9.16%	0.957%
61	11.368	1573	1578	1581	rVB	3118756	4734192	53.61%	5.597%
62	11.416	1583	1586	1588	rBV	1683380	1485086	16.82%	1.756%
63	11.839	1656	1658	1660	rBV	758310	719534	8.15%	0.851%
64	11.957	1675	1678	1680	rBV2	1036659	1100759	12.46%	1.301%
65	12.398	1750	1753	1756	rBV	875657	1060170	12.01%	1.253%
66	12.580	1778	1784	1786	rVB	2119674	3412698	38.65%	4.035%
67	12.810	1816	1823	1827	rVB2	1995123	3787196	42.89%	4.478%
68	13.633	1960	1963	1967	rVB	595431	542521	6.14%	0.641%
69	13.951	2014	2017	2019	rVV	1037351	826181	9.36%	0.977%
70	13.986	2019	2023	2027	rVV3	1174230	1916040	21.70%	2.265%
71	14.021	2027	2029	2034	rVB	1249198	1194819	13.53%	1.413%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104938.D
Acq On : 30 Apr 2018 17:41
Operator : JU/SJ
Sample : J2609-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01C

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.033	2197	2201	2204	rBV2	792665	1186639	13.44%	1.403%
73	15.333	2249	2252	2257	rVB2	576794	705093	7.98%	0.834%
74	15.392	2258	2262	2266	rVV	501504	651000	7.37%	0.770%
75	15.456	2270	2273	2276	rVB	318497	363496	4.12%	0.430%
76	16.109	2381	2384	2402	rVB2	252562	685876	7.77%	0.811%
77	16.539	2453	2457	2463	rVB	260432	415281	4.70%	0.491%
78	16.909	2516	2520	2531	rVB2	225135	510420	5.78%	0.603%
79	17.880	2669	2685	2696	rBV	2500249	8830879	100.00%	10.441%

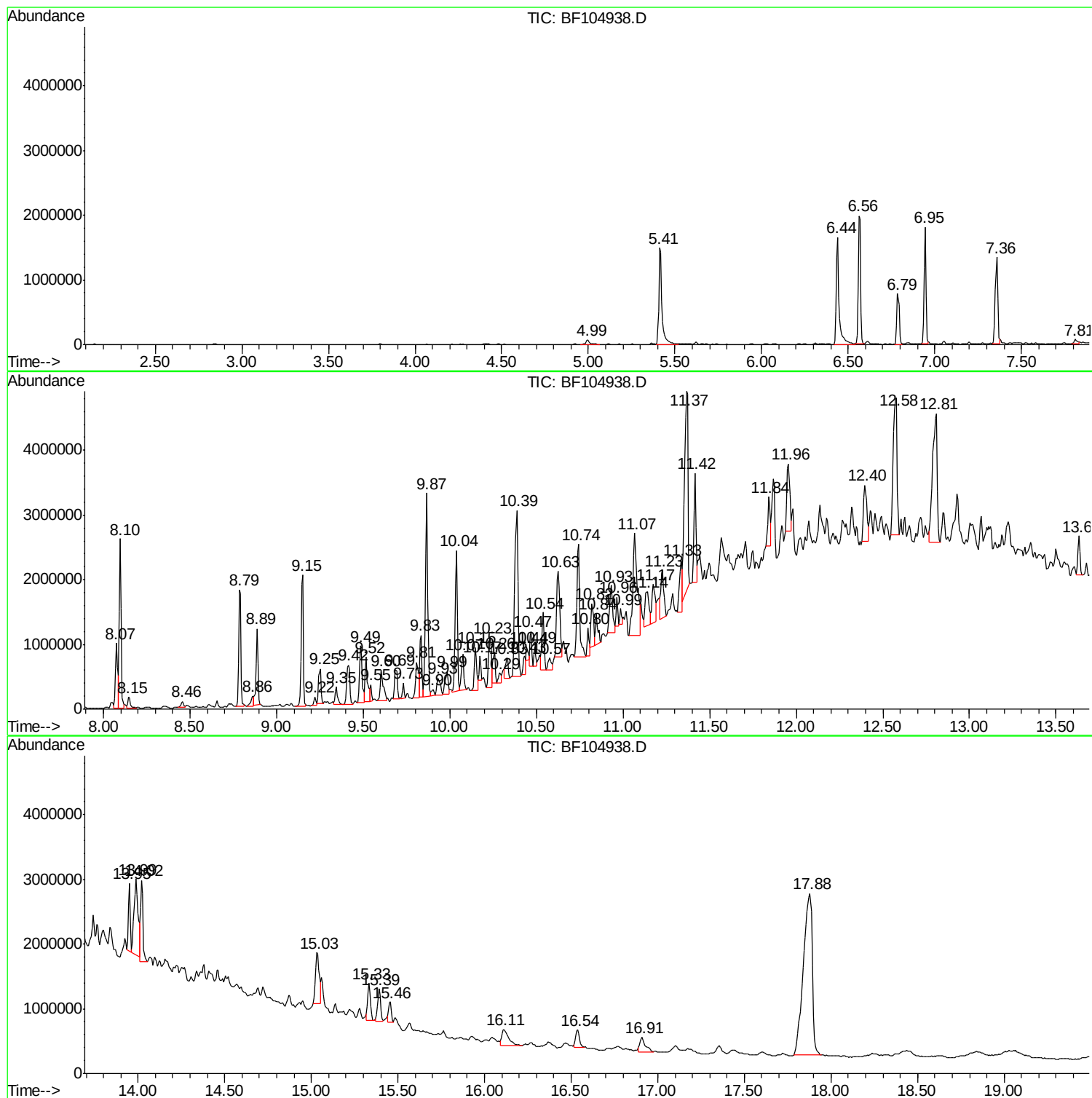
Sum of corrected areas: 84581343

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104938.D
Acq On : 30 Apr 2018 17:41
Operator : JU/SJ
Sample : J2609-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01C

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043018\
Data File : BF104938.D
Acq On : 30 Apr 2018 17:41
Operator : JU/SJ
Sample : J2609-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01C

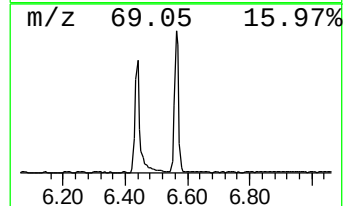
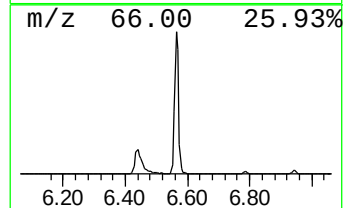
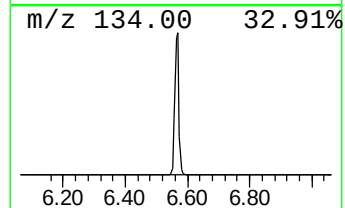
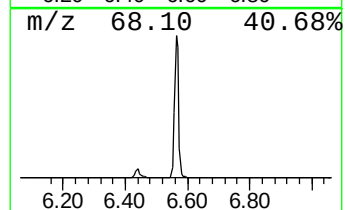
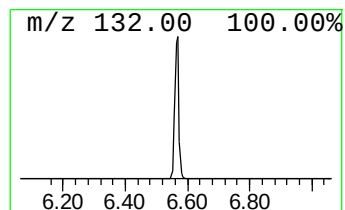
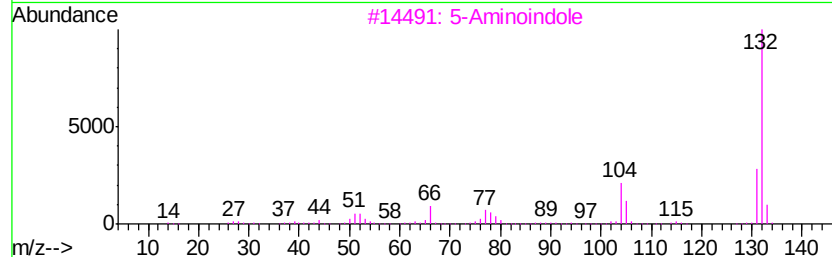
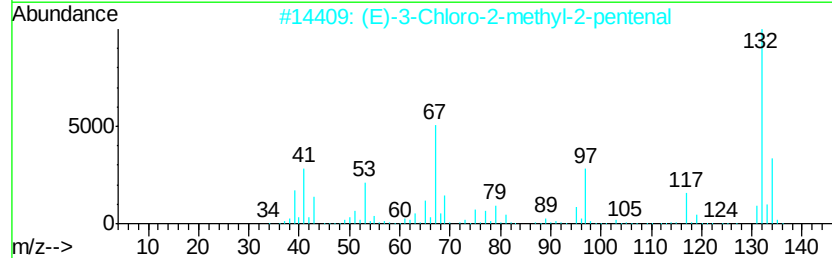
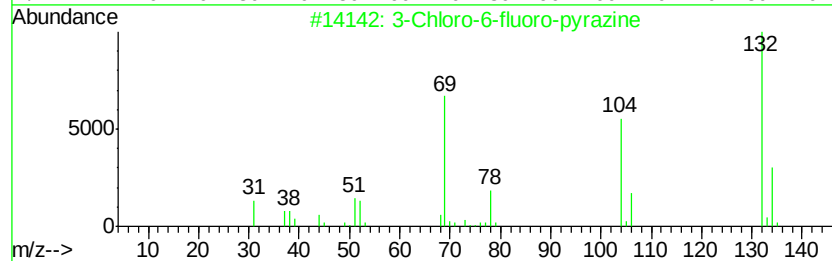
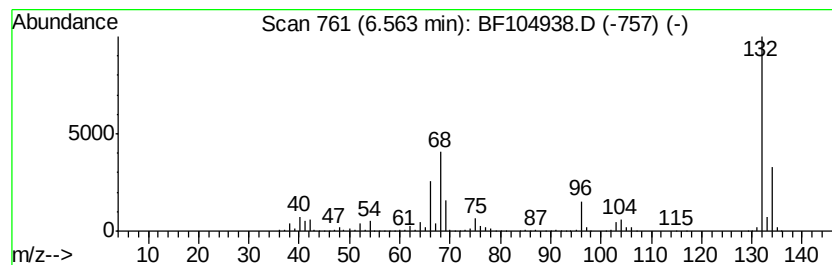
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	59.16 ng	1933620	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043018\
Data File : BF104938.D
Acq On : 30 Apr 2018 17:41
Operator : JU/SJ
Sample : J2609-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

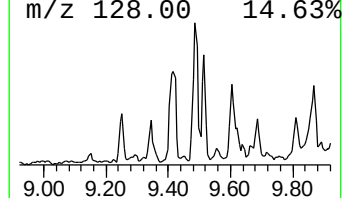
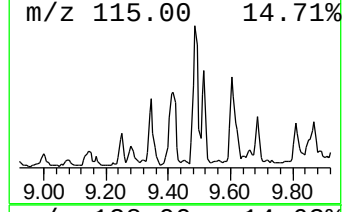
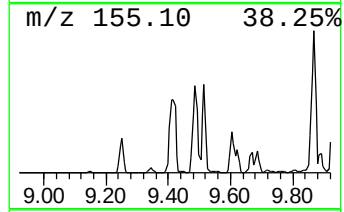
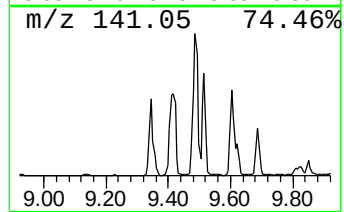
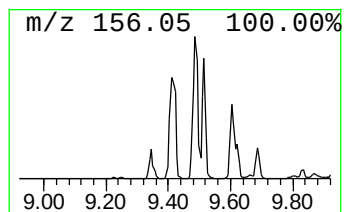
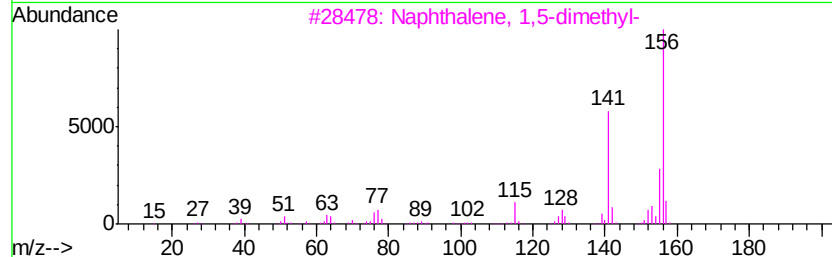
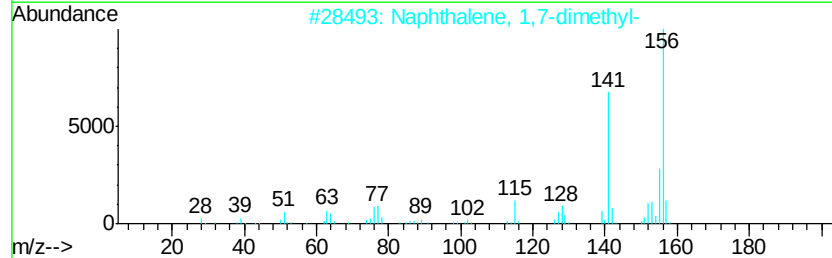
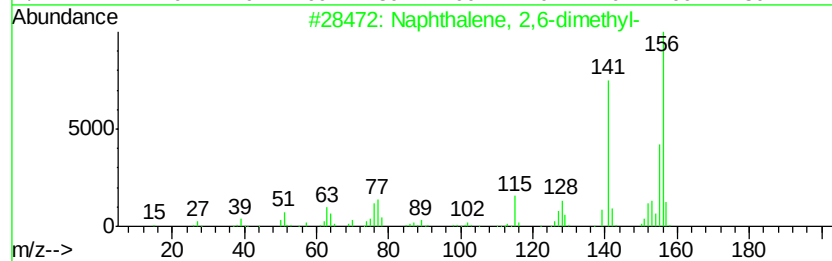
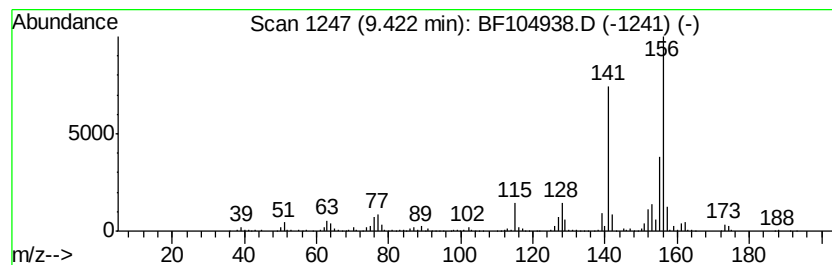
Instrument :
BNA_F
ClientSampleId :
SB-01C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	20.32 ng	826731	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
5		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104938.D
Acq On : 30 Apr 2018 17:41
Operator : JU/SJ
Sample : J2609-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01C

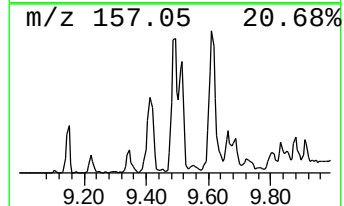
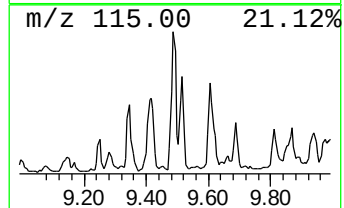
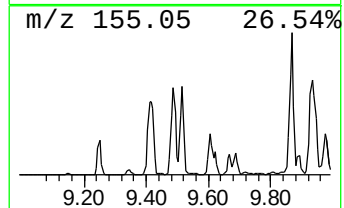
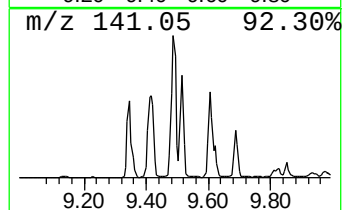
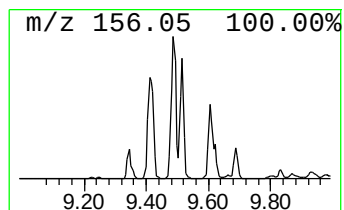
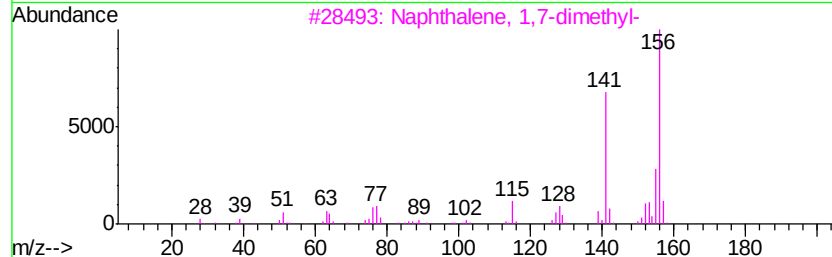
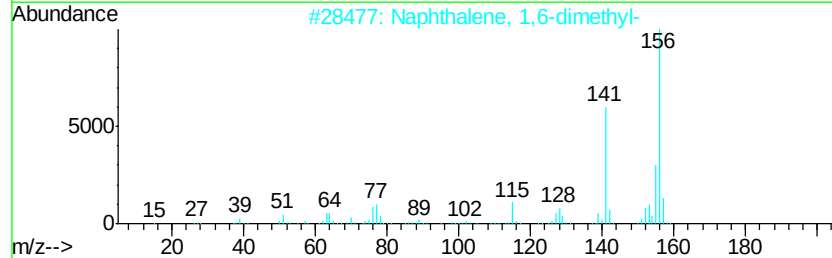
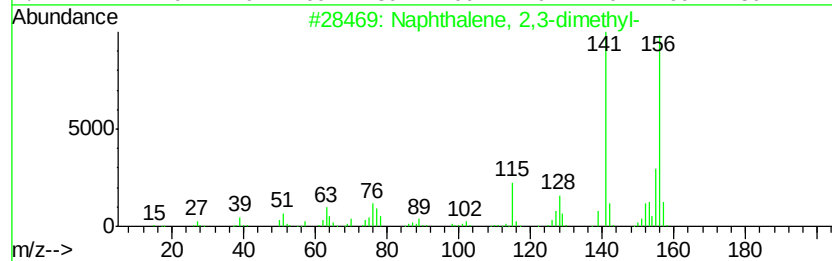
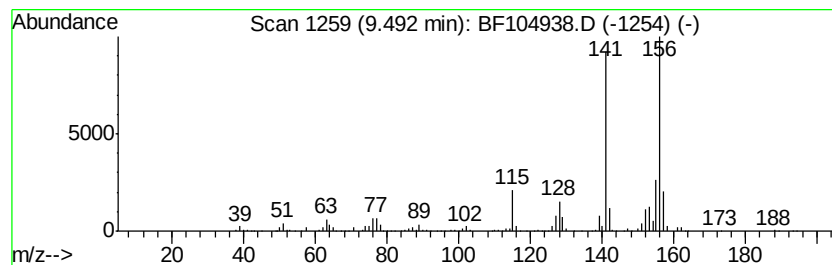
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	23.68 ng	963230	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104938.D
Acq On : 30 Apr 2018 17:41
Operator : JU/SJ
Sample : J2609-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-01C

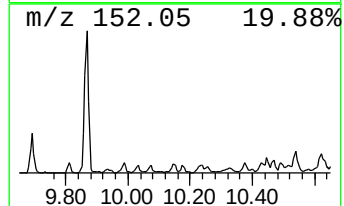
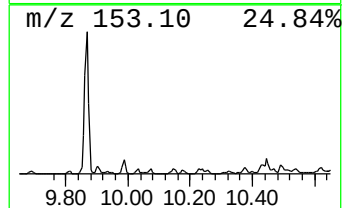
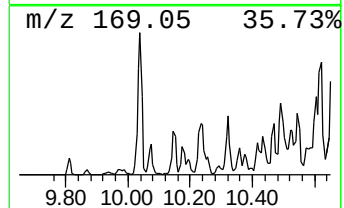
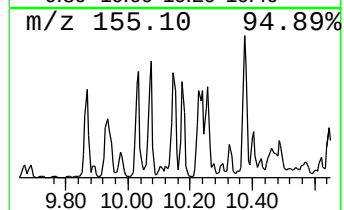
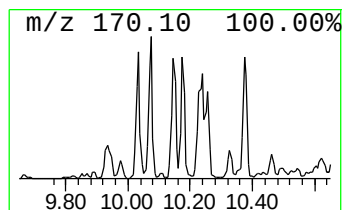
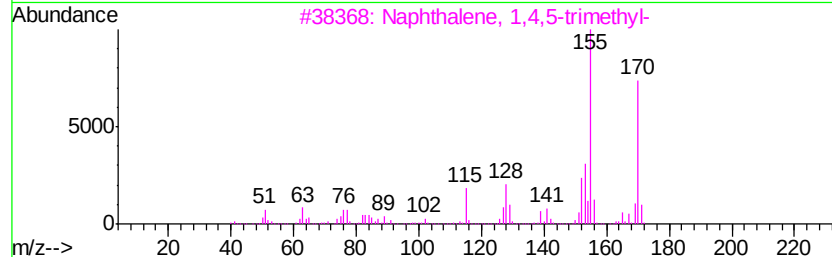
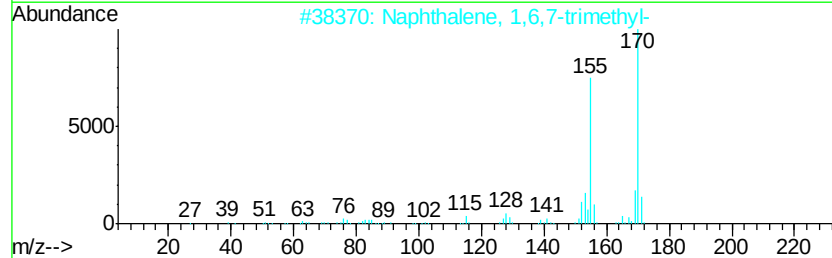
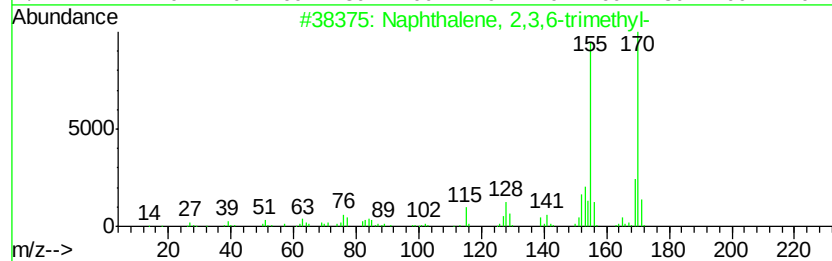
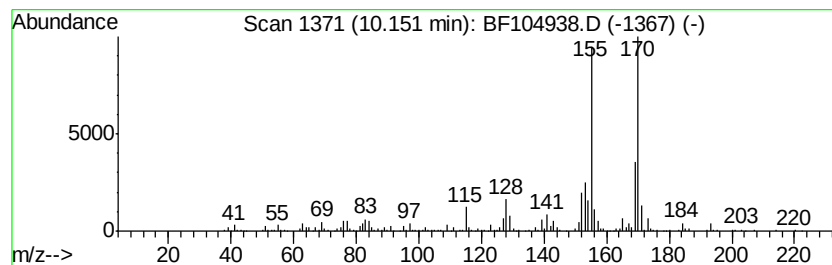
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	17.55 ng	713978	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104938.D
Acq On : 30 Apr 2018 17:41
Operator : JU/SJ
Sample : J2609-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-01C

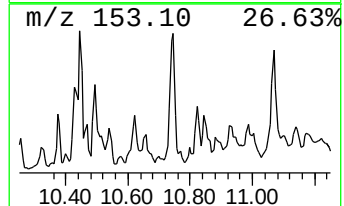
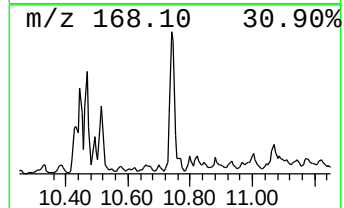
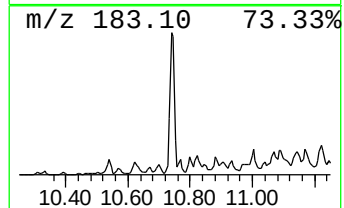
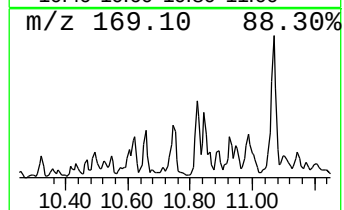
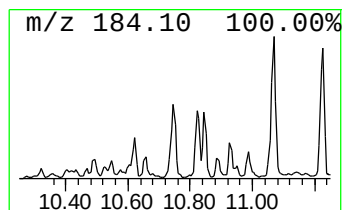
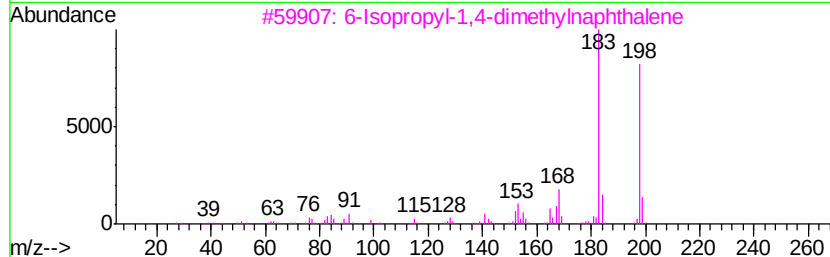
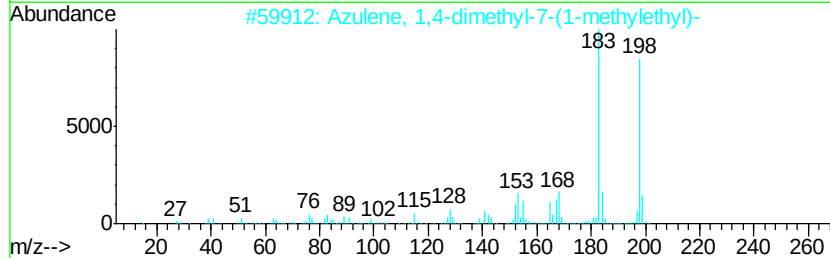
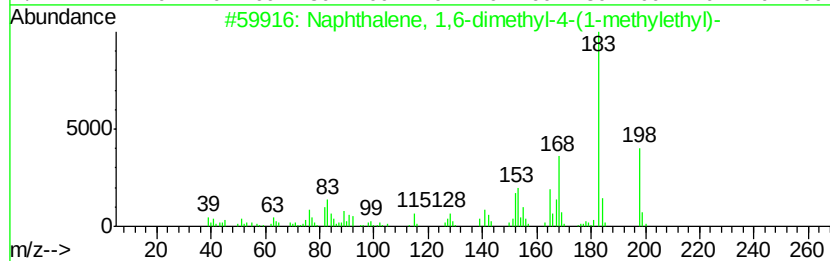
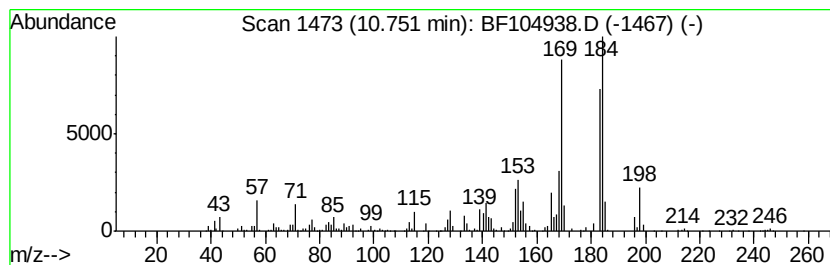
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1,6-dimethyl-4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	50.31 ng	2035960	Phenanthrene-d10	11.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	96
2			Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	58
3			6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	45
4			1,2-Cyclohexanedicarboxylic acid...	258	C13H22O5	1000340-02-3	38
5			Ethanone, 1-[4-(methylsulfonyl)p...	198	C9H10O3S	010297-73-1	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104938.D
Acq On : 30 Apr 2018 17:41
Operator : JU/SJ
Sample : J2609-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01C

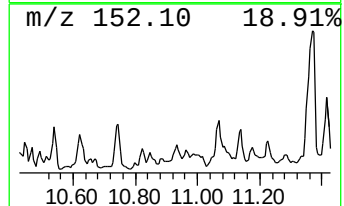
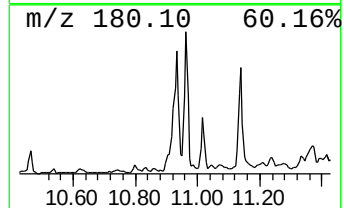
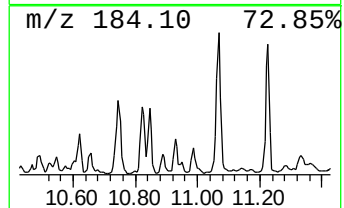
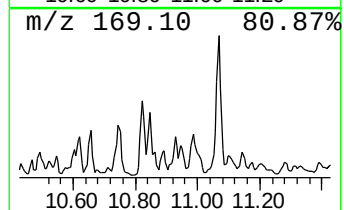
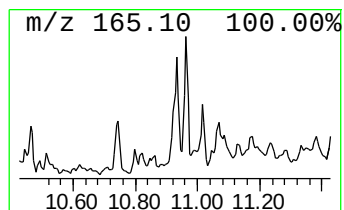
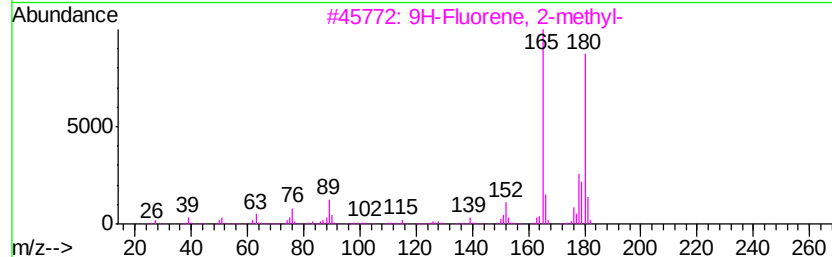
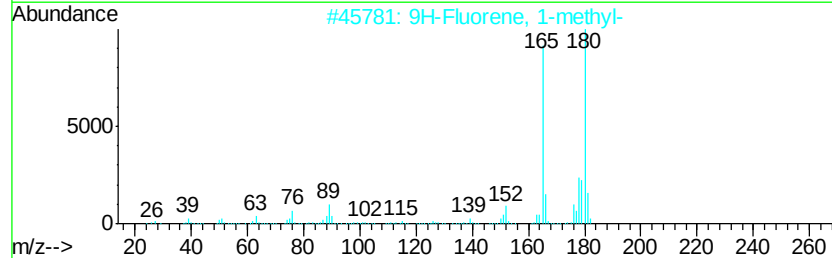
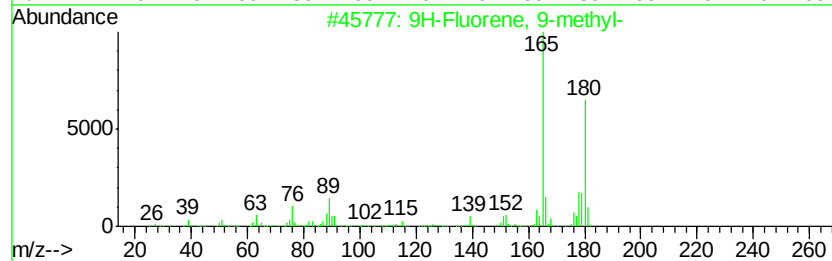
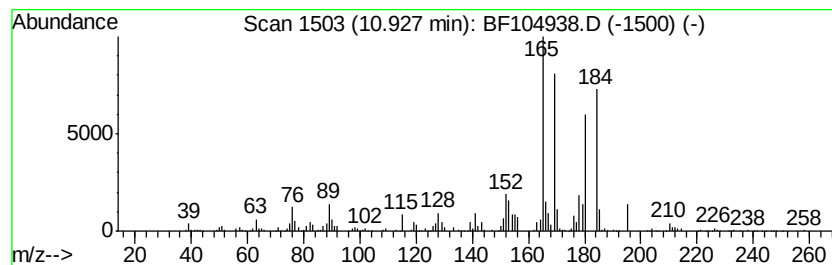
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 9H-Fluorene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	23.24 ng	940344	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	55
5		1,3-Phenylenediamine, N-trimethy...	180	C9H16N2Si	1000374-68-0	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104938.D
Acq On : 30 Apr 2018 17:41
Operator : JU/SJ
Sample : J2609-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01C

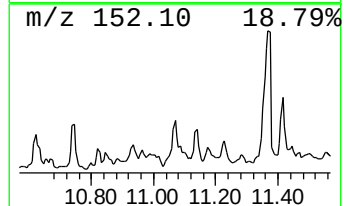
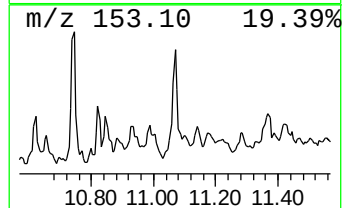
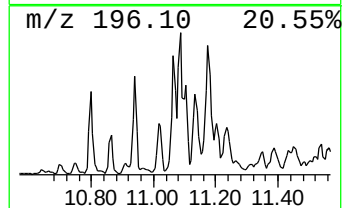
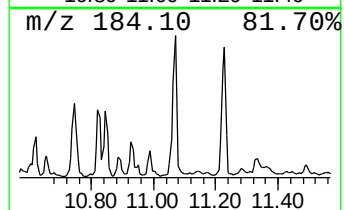
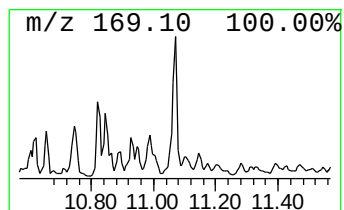
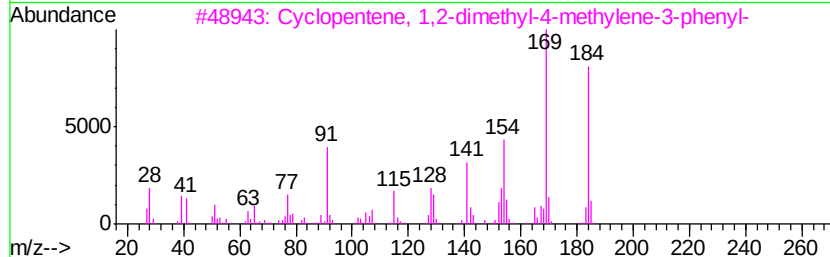
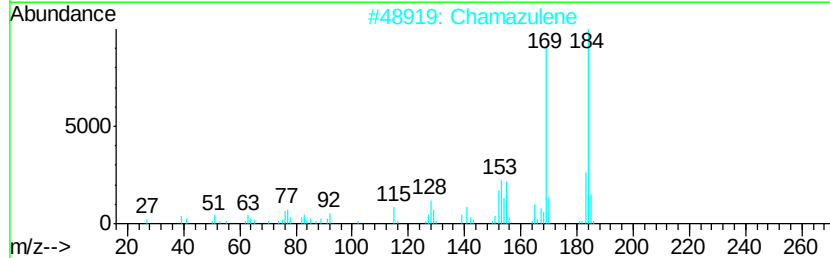
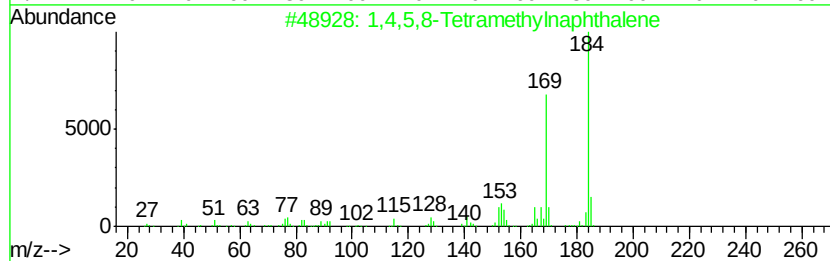
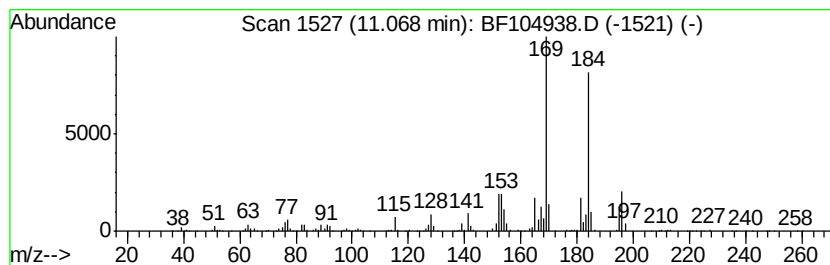
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1,4,5,8-Tetramethylnaphthalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	65.86 ng	2665050	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	95
2		Chamazulene	184	C14H16	000529-05-5	90
3		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	81
4		3,5-Dimethoxy-4-hydroxybenzyl al...	184	C9H12O4	000530-56-3	80
5		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043018\
Data File : BF104938.D
Acq On : 30 Apr 2018 17:41
Operator : JU/SJ
Sample : J2609-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01C

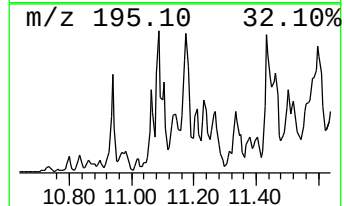
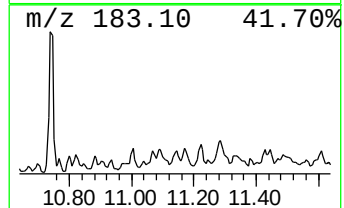
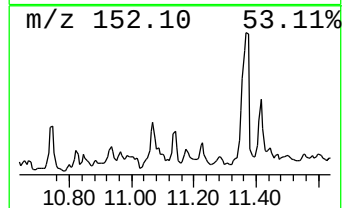
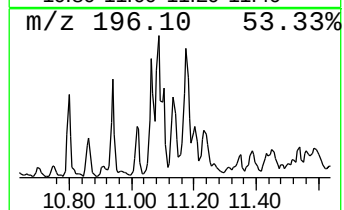
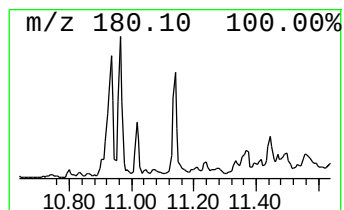
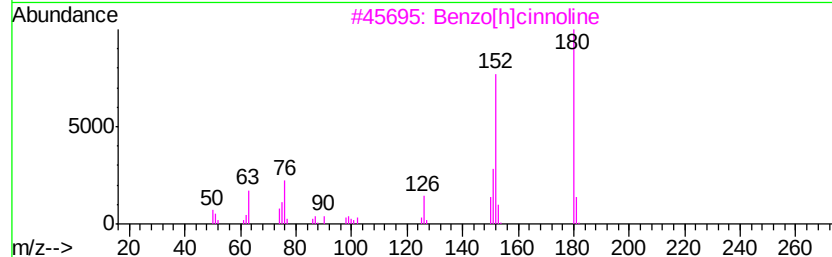
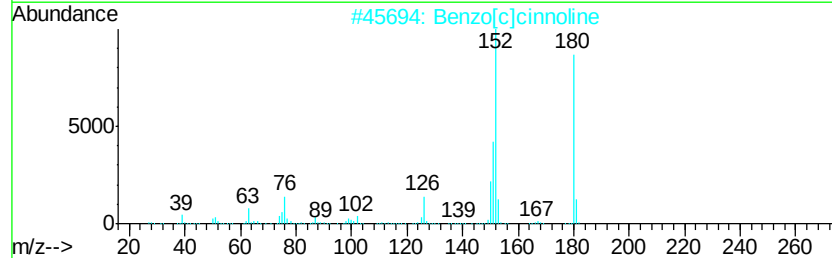
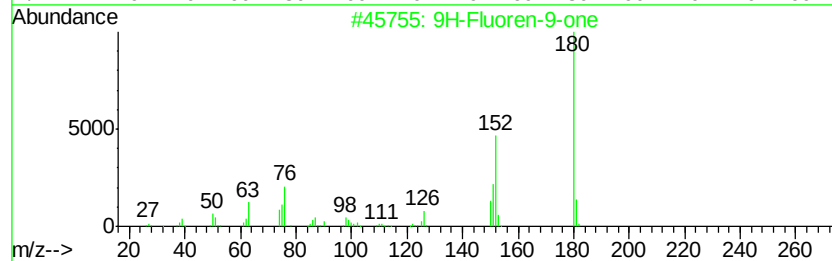
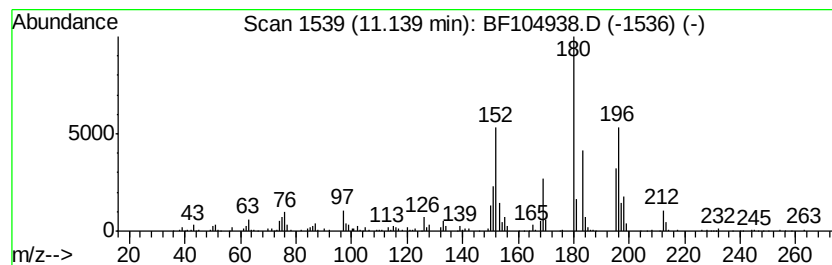
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	18.71 ng	757268	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	52
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	46
3		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	41
4		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	38
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104938.D
Acq On : 30 Apr 2018 17:41
Operator : JU/SJ
Sample : J2609-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

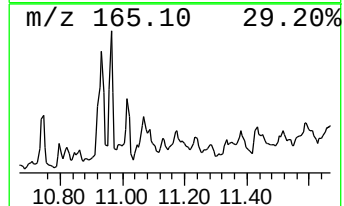
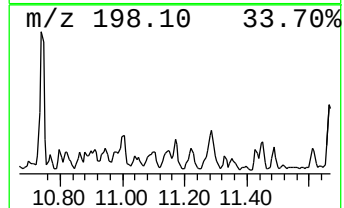
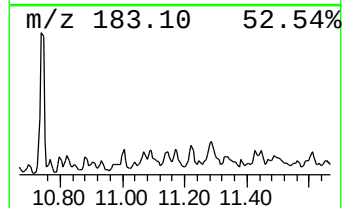
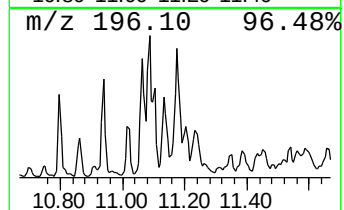
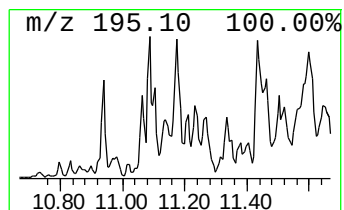
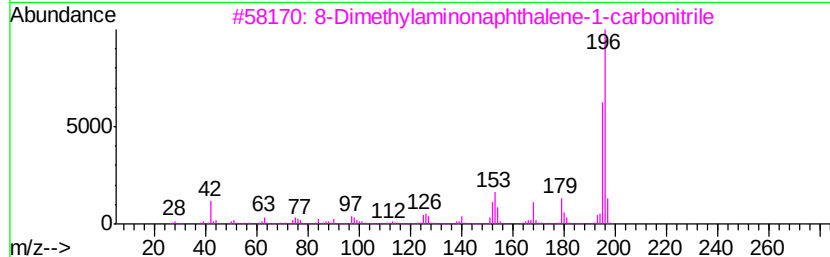
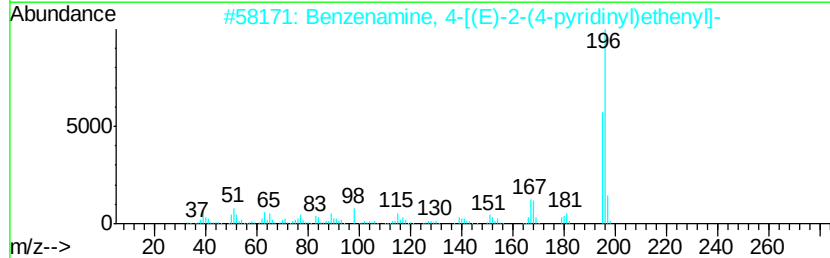
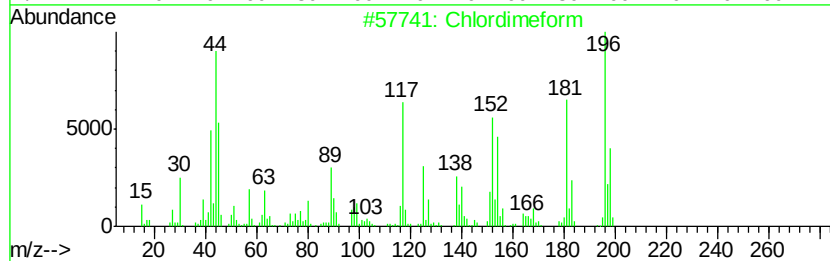
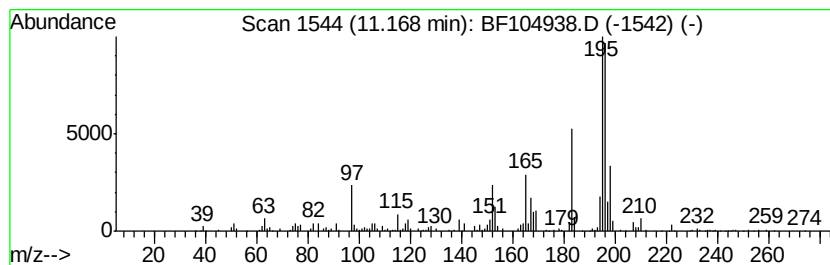
Instrument :
BNA_F
ClientSampleId :
SB-01C

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Chlordimeform Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.17	21.01 ng	850278	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chlordimeform	196	C10H13ClN2	006164-98-3	70
2	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	50
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	47
4	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	45
5	4,6(1H,5H)-Pyrimidinedione, 2-me...	238	C12H18N2O3	072360-97-5	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104938.D
Acq On : 30 Apr 2018 17:41
Operator : JU/SJ
Sample : J2609-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

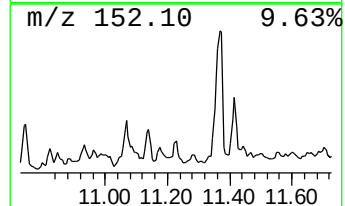
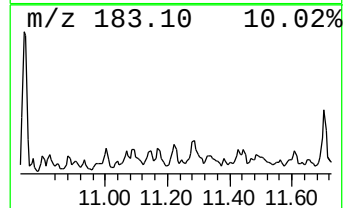
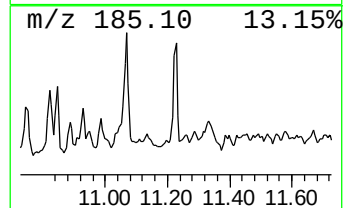
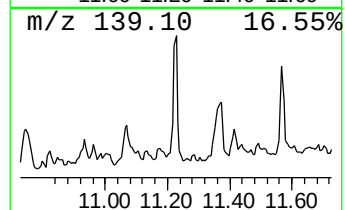
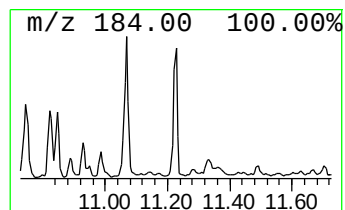
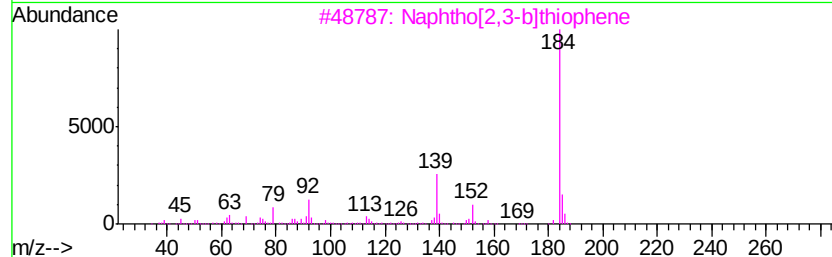
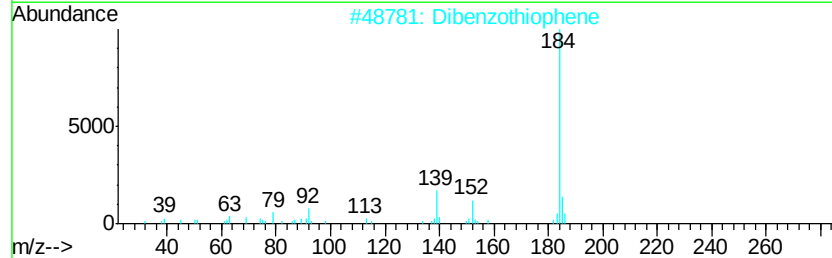
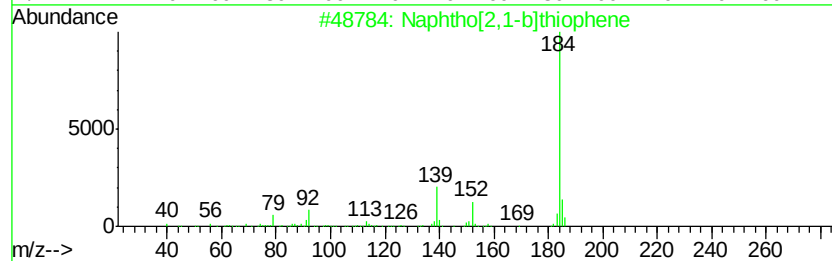
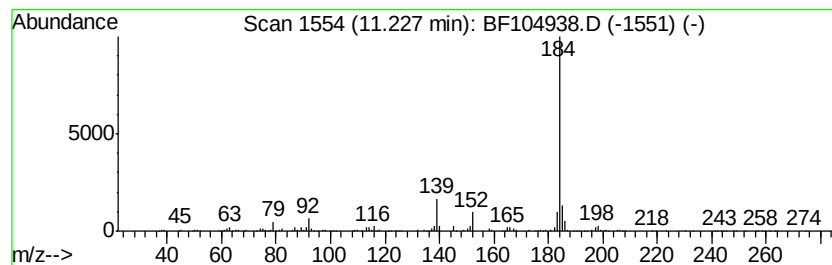
Instrument :
BNA_F
ClientSampleId :
SB-01C

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphtho[2,1-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.23	23.76 ng	961322	Phenanthrene-d10	11.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2		Dibenzothiophene	184	C12H8S	000132-65-0	93
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104938.D
Acq On : 30 Apr 2018 17:41
Operator : JU/SJ
Sample : J2609-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01C

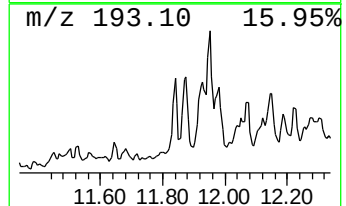
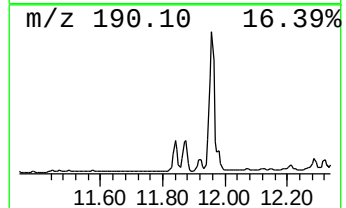
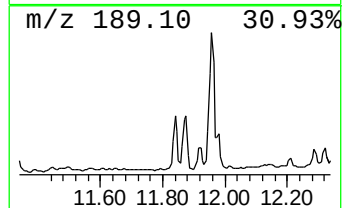
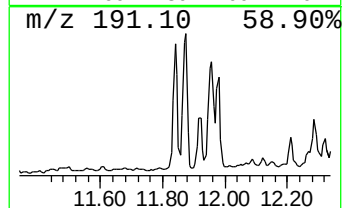
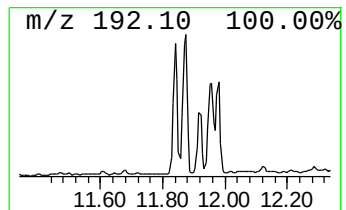
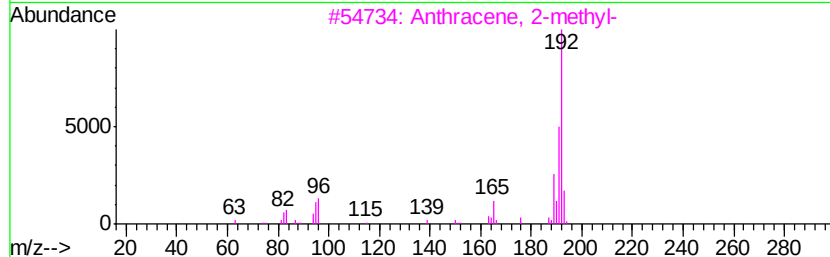
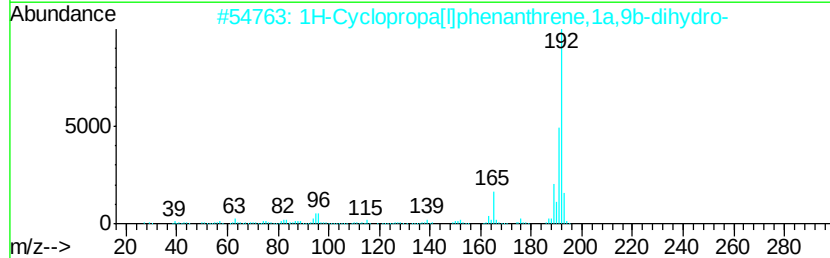
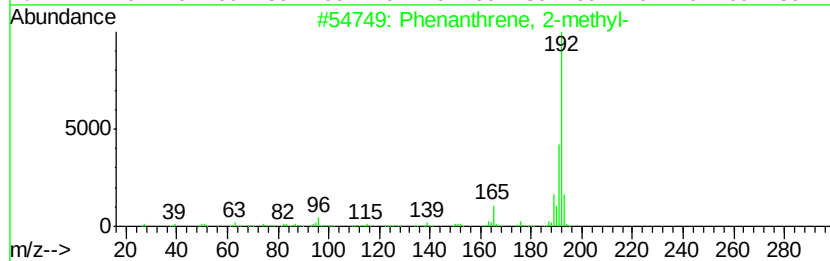
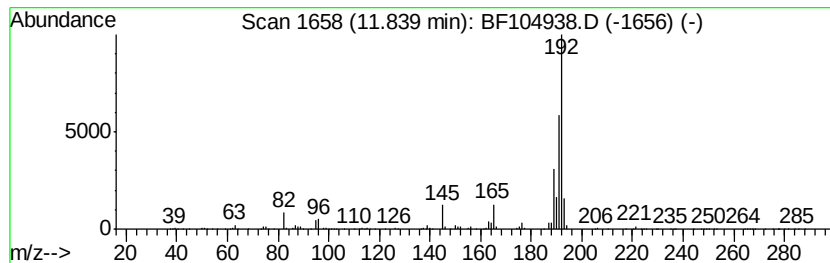
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	17.78 ng	719534	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104938.D
Acq On : 30 Apr 2018 17:41
Operator : JU/SJ
Sample : J2609-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01C

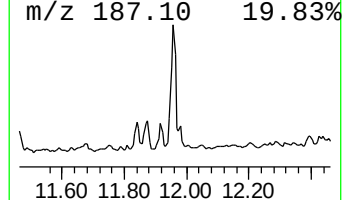
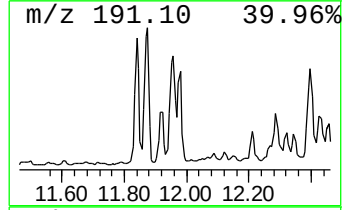
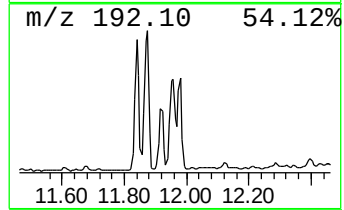
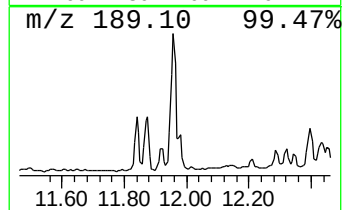
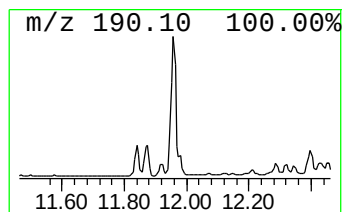
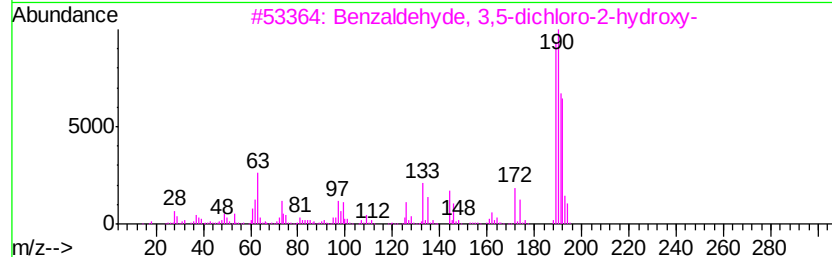
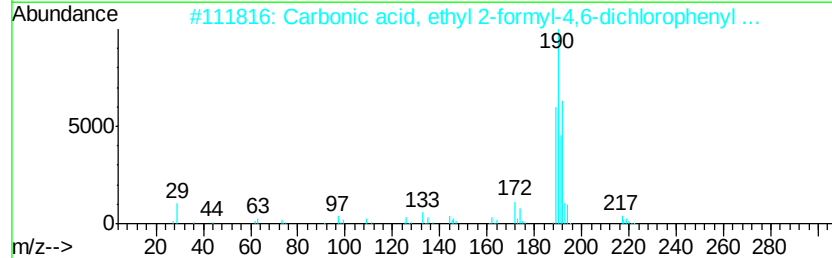
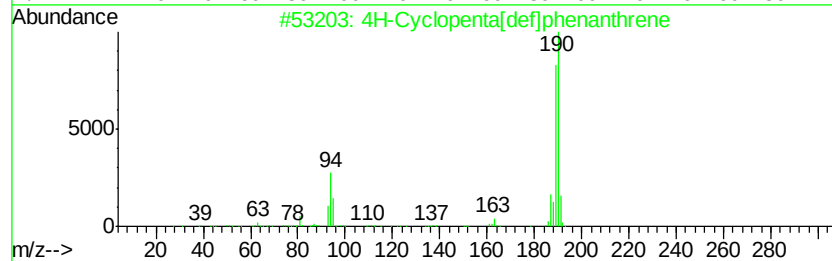
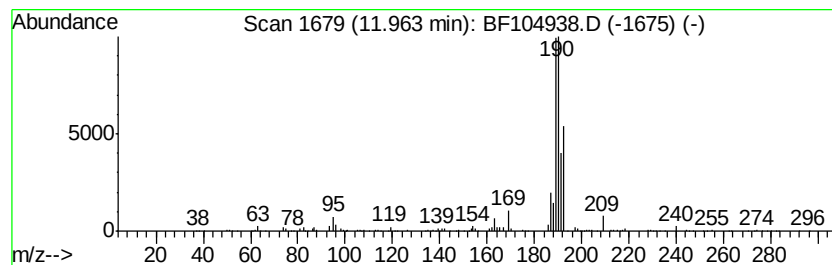
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	27.20 ng	1100760	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	45
4		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	38
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104938.D
Acq On : 30 Apr 2018 17:41
Operator : JU/SJ
Sample : J2609-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01C

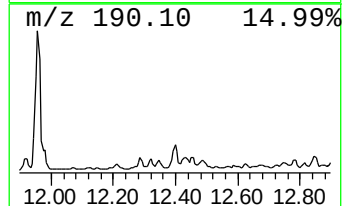
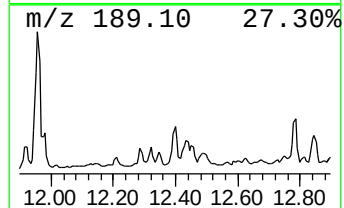
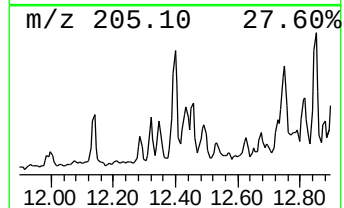
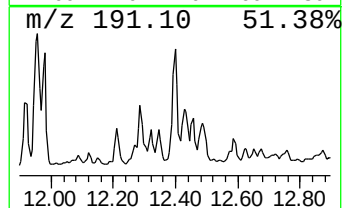
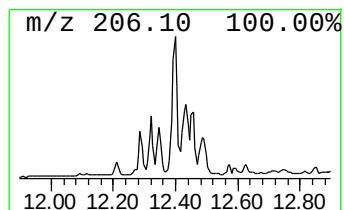
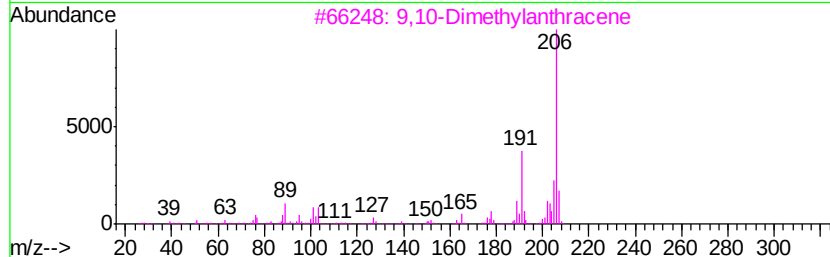
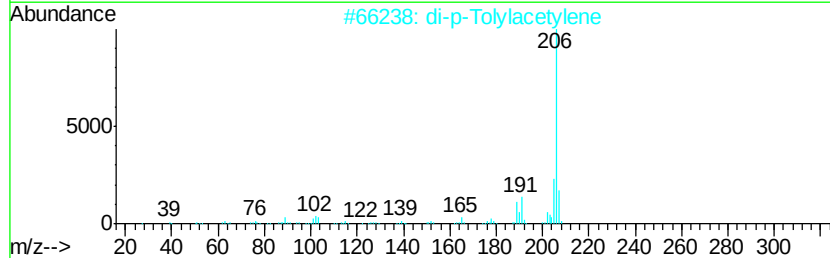
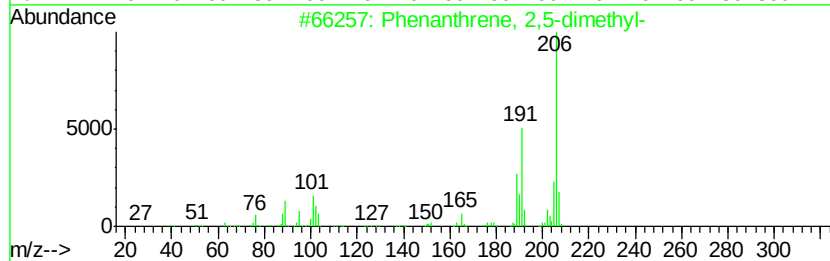
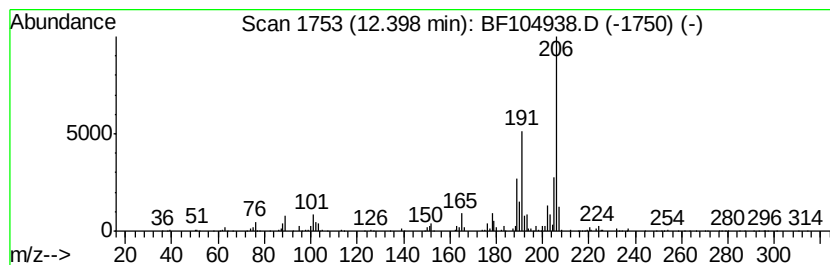
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	26.20 ng	1060170	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
5		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043018\
Data File : BF104938.D
Acq On : 30 Apr 2018 17:41
Operator : JU/SJ
Sample : J2609-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

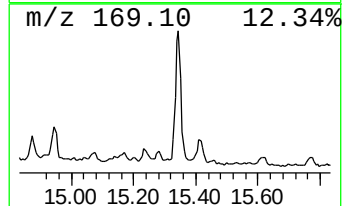
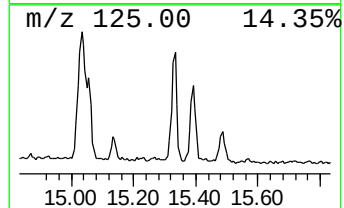
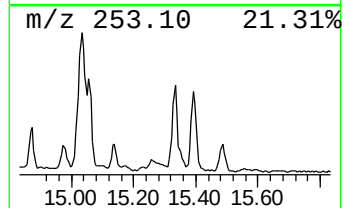
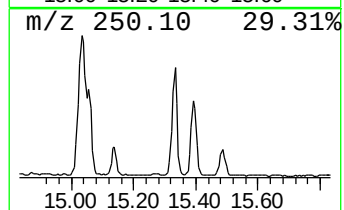
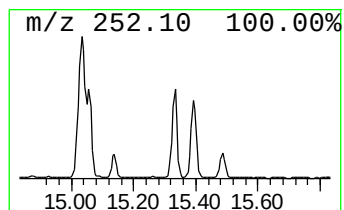
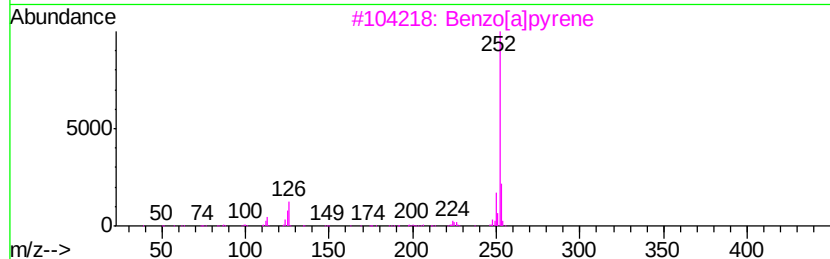
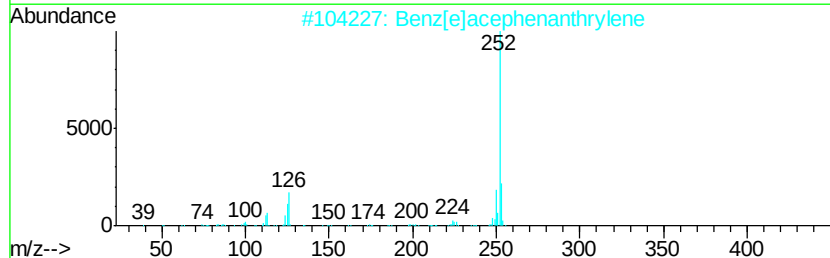
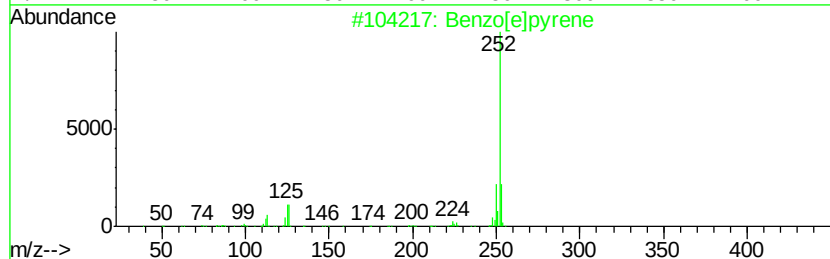
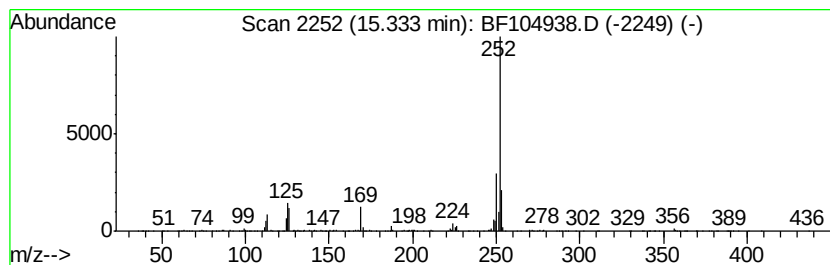
Instrument :
BNA_F
ClientSampleId :
SB-01C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.33	38.80 ng	705093	Perylene-d12	15.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104938.D
Acq On : 30 Apr 2018 17:41
Operator : JU/SJ
Sample : J2609-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01C

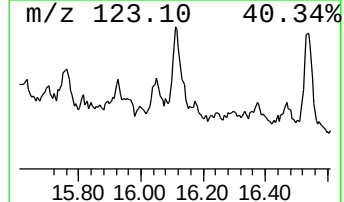
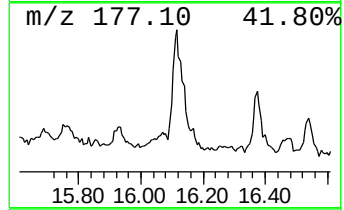
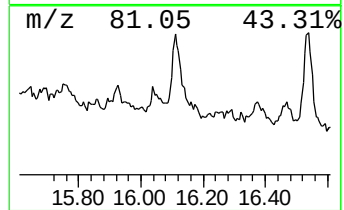
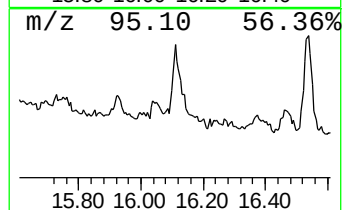
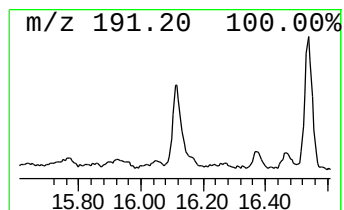
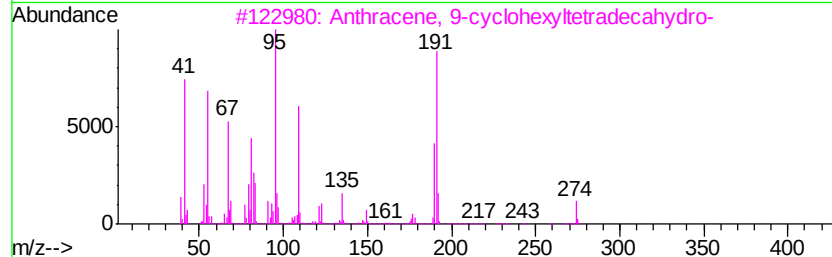
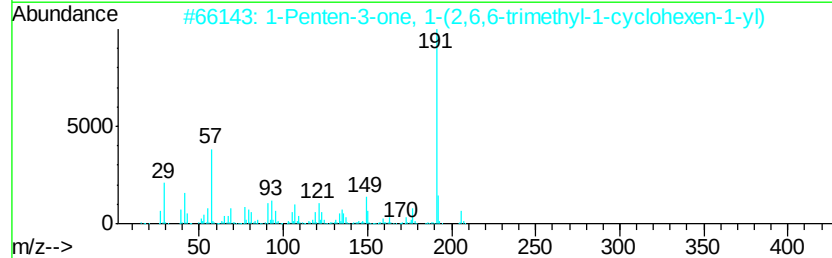
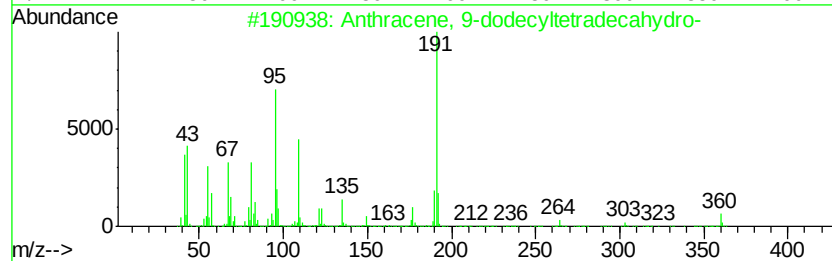
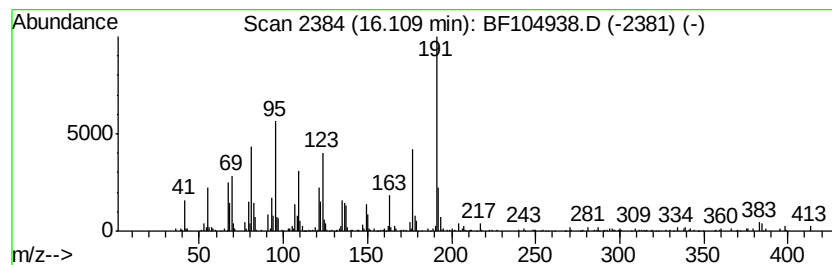
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown16.11 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	37.74 ng	685876	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-dodecyltetradeca...	360	C26H48	055401-75-7	47
2		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
3		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	35
4		Fumaric acid, di(2-isopropoxyph...	384	C22H24O6	1000344-85-0	27
5		Phenanthrene, 9-dodecyltetradeca...	360	C26H48	055334-01-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043018\
 Data File : BF104938.D
 Acq On : 30 Apr 2018 17:41
 Operator : JU/SJ
 Sample : J2609-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.56	6.56	59.2	ng	1933620	1	6.79	653679	20.0
Naphthalene, 2,6-...	9.42	20.3	ng	826731	3	9.83	813669	20.0
Naphthalene, 2,3-...	9.49	23.7	ng	963230	3	9.83	813669	20.0
Naphthalene, 2,3,...	10.15	17.6	ng	713978	3	9.83	813669	20.0
Naphthalene, 1,6-...	10.75	50.3	ng	2035960	4	11.33	809334	20.0
9H-Fluorene, 9-me...	10.93	23.2	ng	940344	4	11.33	809334	20.0
1,4,5,8-Tetrameth...	11.07	65.9	ng	2665050	4	11.33	809334	20.0
9H-Fluoren-9-one	11.14	18.7	ng	757268	4	11.33	809334	20.0
Chlordimeform	11.17	21.0	ng	850278	4	11.33	809334	20.0
Naphtho[2,1-b]thi...	11.23	23.8	ng	961322	4	11.33	809334	20.0
Phenanthrene, 2-m...	11.84	17.8	ng	719534	4	11.33	809334	20.0
4H-Cyclopenta[def...	11.96	27.2	ng	1100760	4	11.33	809334	20.0
Phenanthrene, 2,5...	12.40	26.2	ng	1060170	4	11.33	809334	20.0
Benzo[e]pyrene	15.33	38.8	ng	705093	6	15.46	363496	20.0
unknown16.11	16.11	37.7	ng	685876	6	15.46	363496	20.0