Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111017\
Data File : BM012928.D
Acq On : 12 Nov 2017 06:37
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 13 02:12:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 02:06:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	76127	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	288505	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	161414	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.27	188	332550	20.00	ng/ul	0.10
17) Chrysene-d12	21.49	240	845	20.00	ng/ul	0.14
22) Perylene-d12	23.63	264	478342	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.12	160	325306	19.38	ng/ul	0.00
10) Fluorene-d10	15.42	176	217277	18.92	ng/ul	0.00
14) Anthracene-d10	17.27	188	332550	20.69	ng/ul	0.00
18) Pyrene-d10	19.57	212	363084	9603.51	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.49	264	433807	19.21	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	10.62	128	281248	19.25	ng/ul	99
4) 2-Methylnaphthalene	12.24	142	205181	19.07	ng/ul	98
5) 1-Methylnaphthalene	12.46	142	199263	18.90	ng/ul#	94
8) Acenaphthylene	14.15	152	317684	19.45	ng/ul	98
9) Acenaphthene	14.49	153	211588	19.34	ng/ul	93
11) Fluorene	15.47	166	252072	19.31	ng/ul	92
13) Phenanthrene	17.30	178	399708	21.76	ng/ul	98
15) Anthracene	17.30	178	399708	20.94	ng/ul	98
16) Fluoranthene	19.23	202	460010	20.36	ng/ul#	91
19) Pyrene	19.59	202	471487	9720.23	ng/ul#	94
20) Benzo(a)anthracene	21.39	228	442406	8508.81	ng/ul	97
21) Chrysene	21.39	228	442050	9513.69	ng/ul	98
23) Benzo(b)fluoranthene	22.95	252	542289	19.06	ng/ul#	97
24) Benzo(k)fluoranthene	22.99	252	525795	19.34	ng/ul#	97
26) Benzo(a)pyrene	23.53	252	527865	19.13	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.94	276	682674	19.18	ng/ul	96
28) Dibenzo(a,h)anthracene	25.94	278	576564	19.28	ng/ul#	96
29) Benzo(g,h,i)perylene	26.65	276	572736	19.28	ng/ul#	96

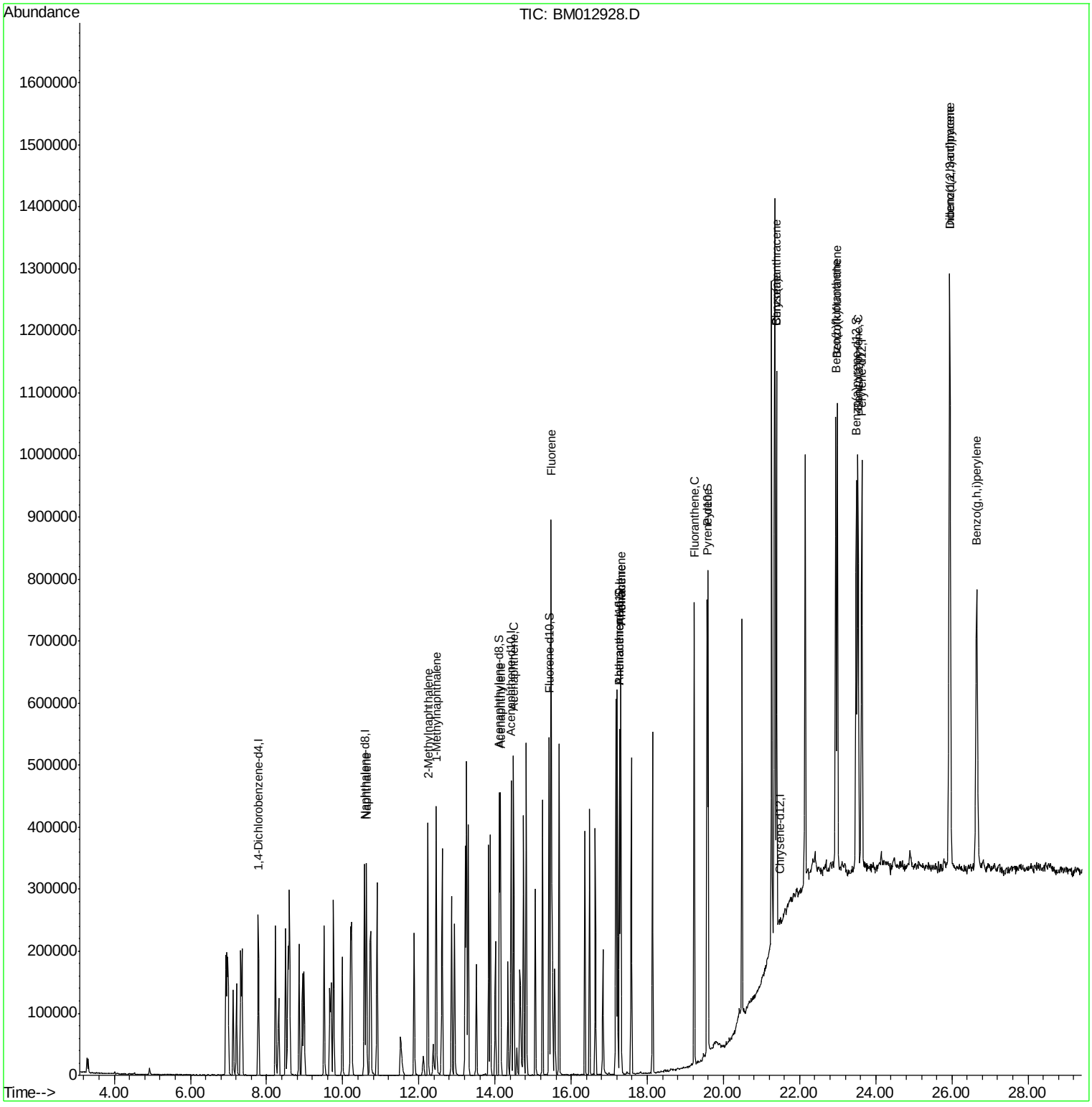
(#) = qualifier out of range (m) = manual integration (+) = signals summed

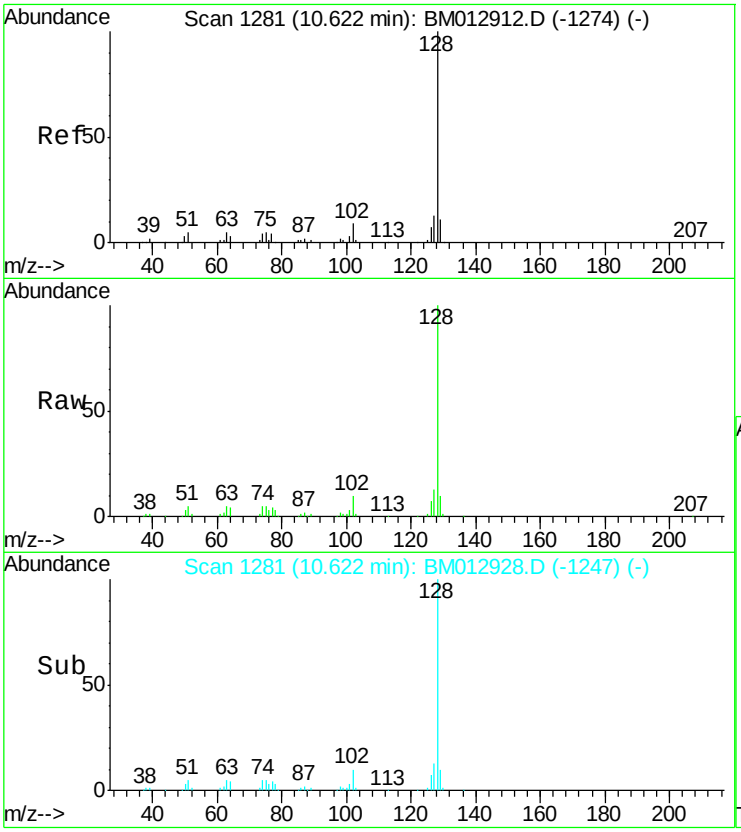
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111017\
Data File : BM012928.D
Acq On : 12 Nov 2017 06:37
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 13 02:12:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 02:06:47 2017
Response via : Initial Calibration



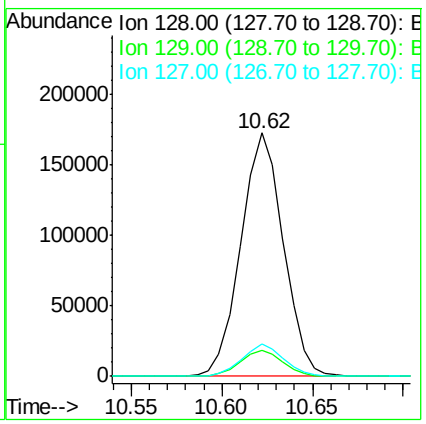


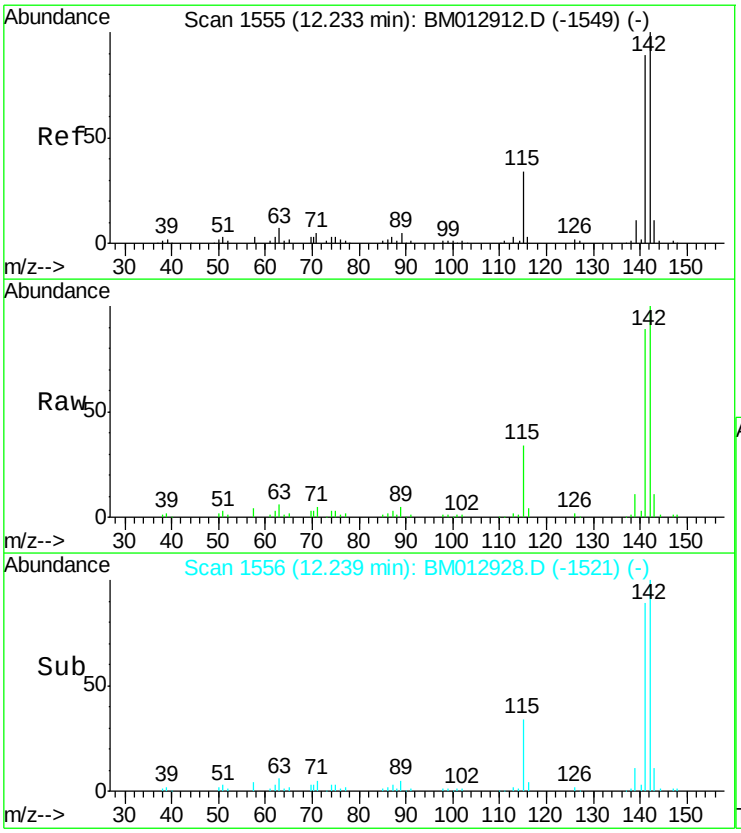
#3
Naphthalene
Concen: 19.25 ng/ul
RT: 10.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 281248

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.7	13.1
127	13.2	10.6	16.0

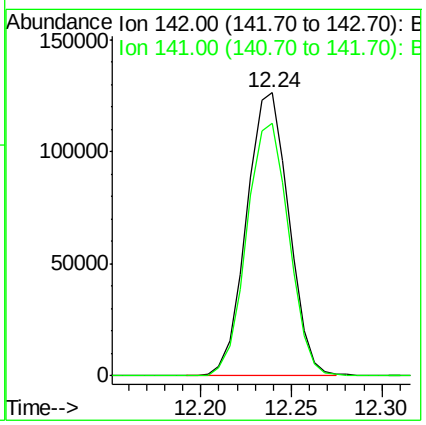


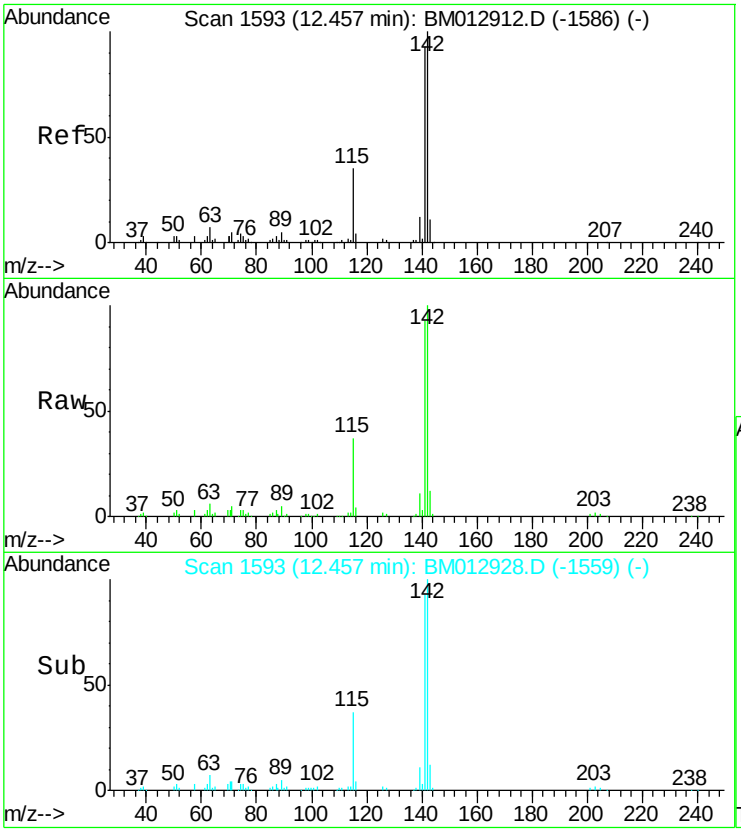


#4
2-Methylnaphthalene
Concen: 19.07 ng/ul
RT: 12.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Tgt Ion:142 Resp: 205181

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.7	109.1



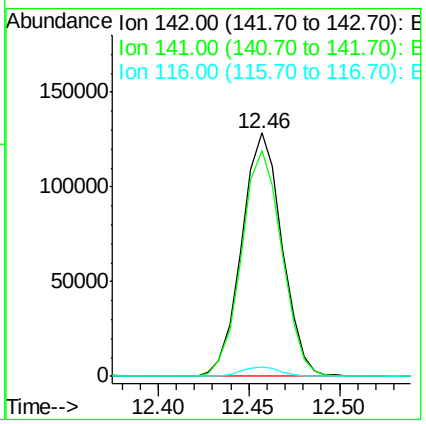


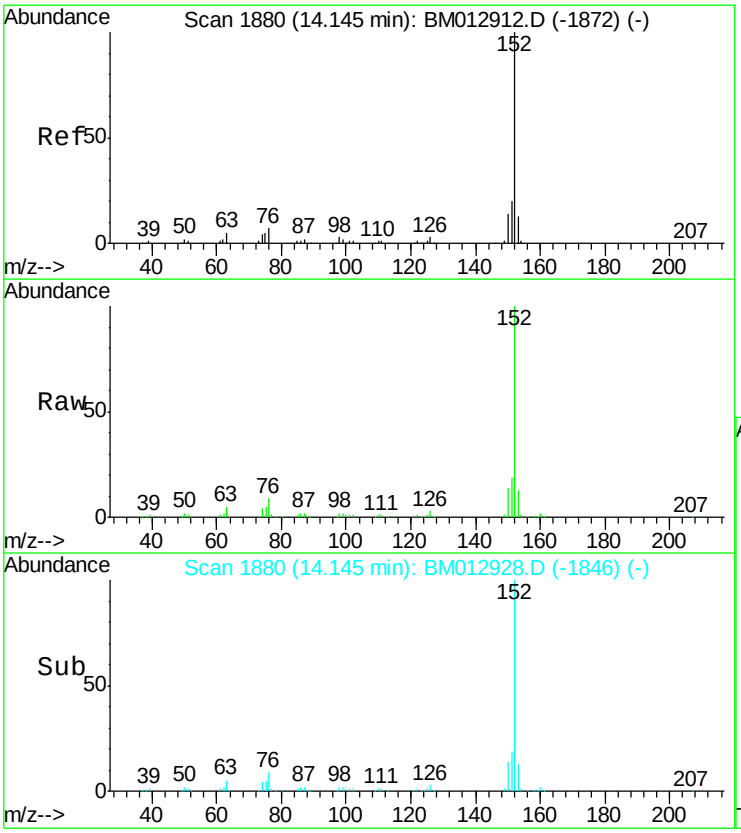
#5
1-Methylnaphthalene
Concen: 18.90 ng/ul
RT: 12.46 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 199263

Ion	Ratio	Lower	Upper
142	100		
141	92.8	79.3	118.9
116	3.9	4.2	6.2#

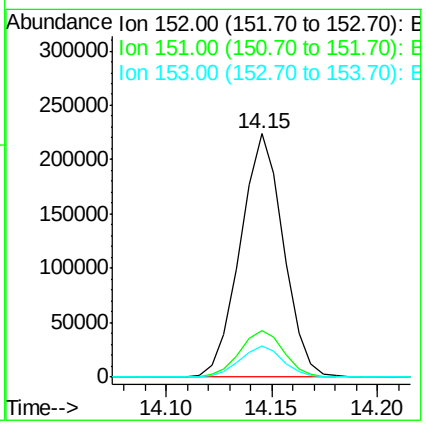


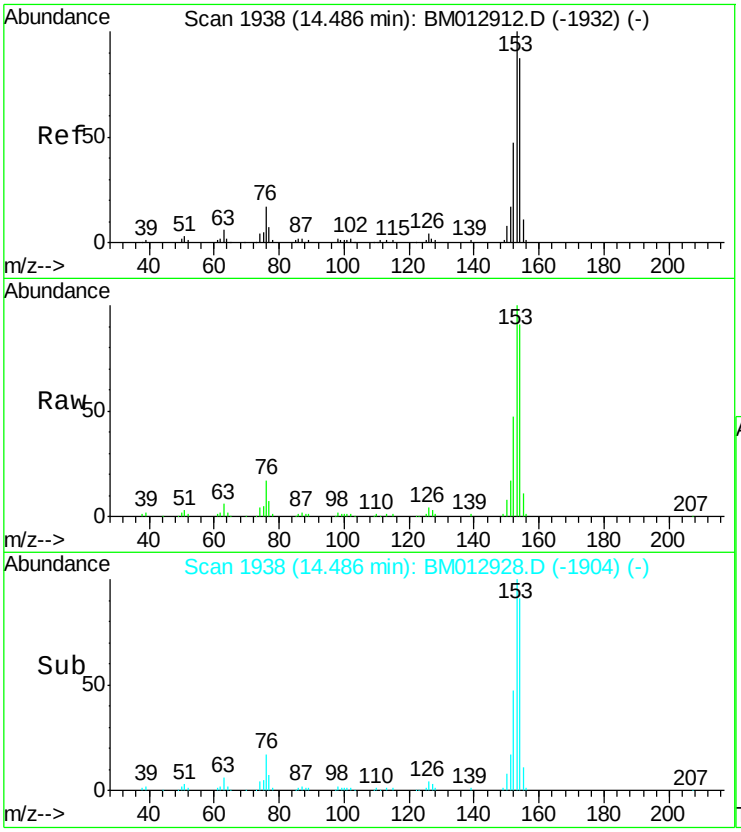


#8
Acenaphthylene
Concen: 19.45 ng/ul
RT: 14.15 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Tgt Ion:152 Resp: 317684

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.7	25.1
153	12.8	10.2	15.4



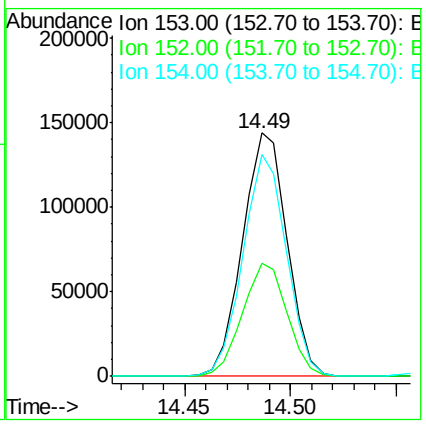


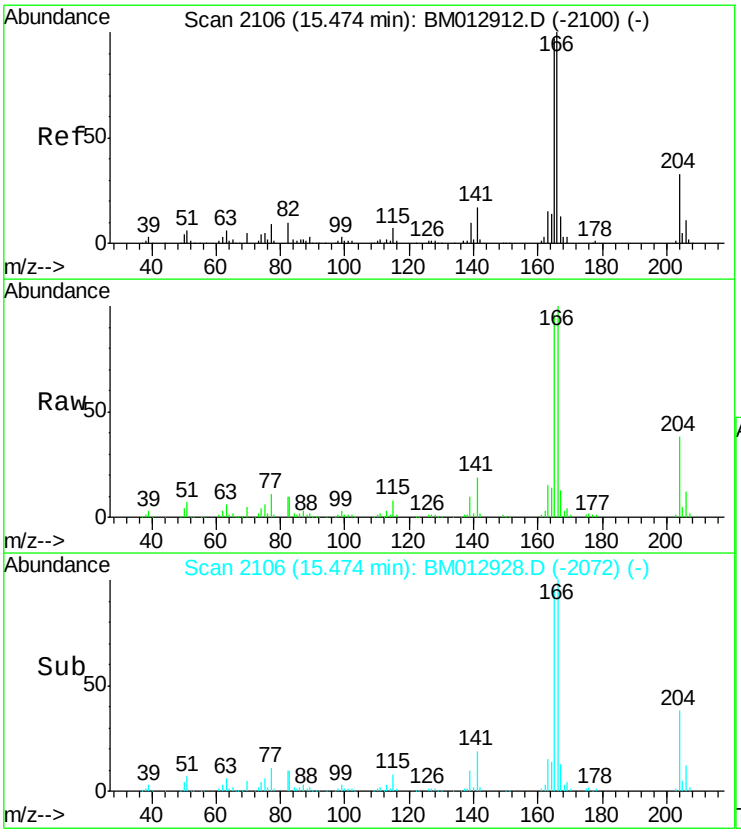
#9
Acenaphthene
Concen: 19.34 ng/ul
RT: 14.49 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 211588

Ion	Ratio	Lower	Upper
153	100		
152	46.6	39.0	58.6
154	91.2	66.8	100.2

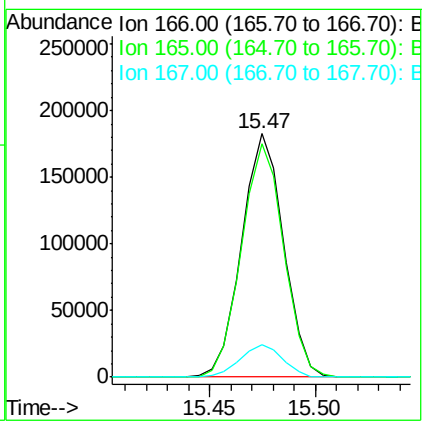


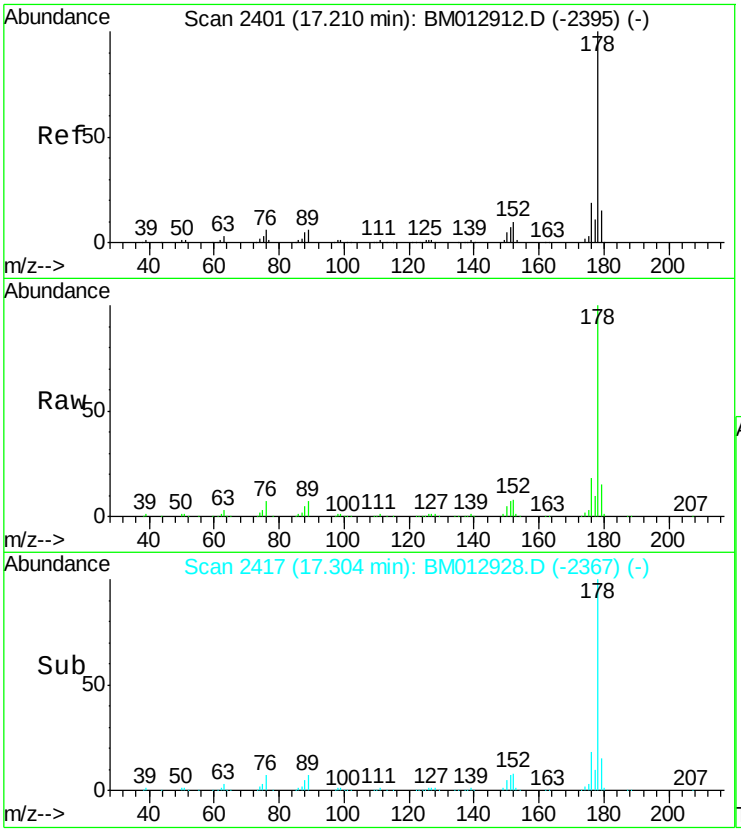


#11
Fluorene
Concen: 19.31 ng/ul
RT: 15.47 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Tgt Ion:166 Resp: 252072

Ion	Ratio	Lower	Upper
166	100		
165	96.1	83.8	125.8
167	13.3	11.5	17.3



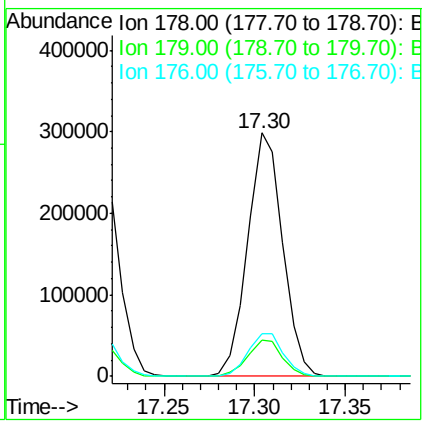


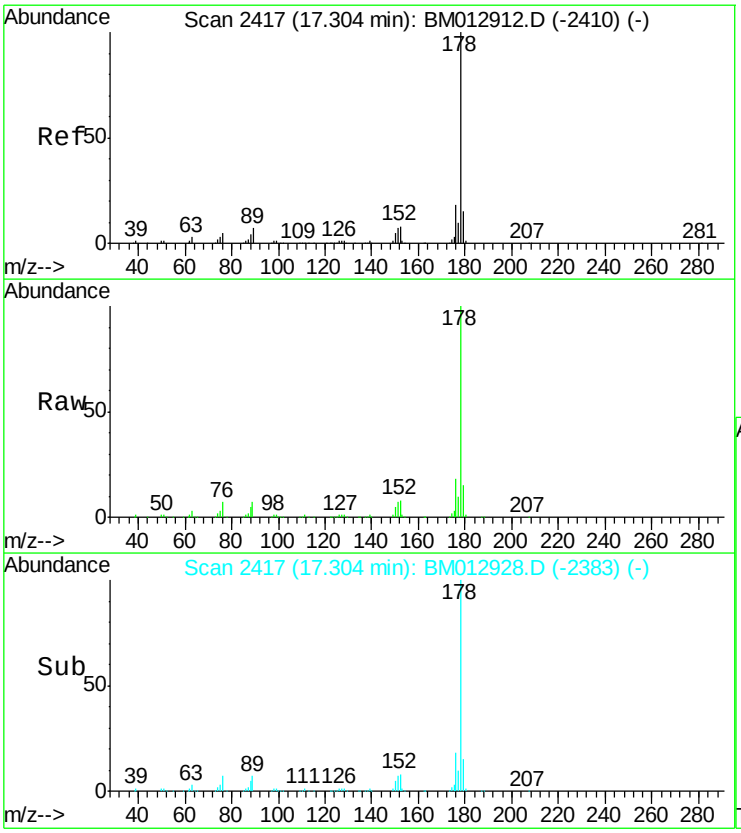
#13
Phenanthrene
Concen: 21.76 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. 0.09 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 399708

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	17.7	15.1	22.7

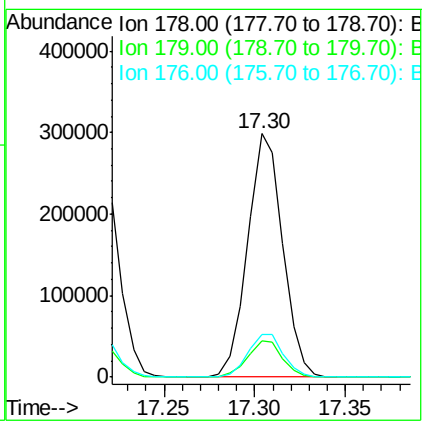


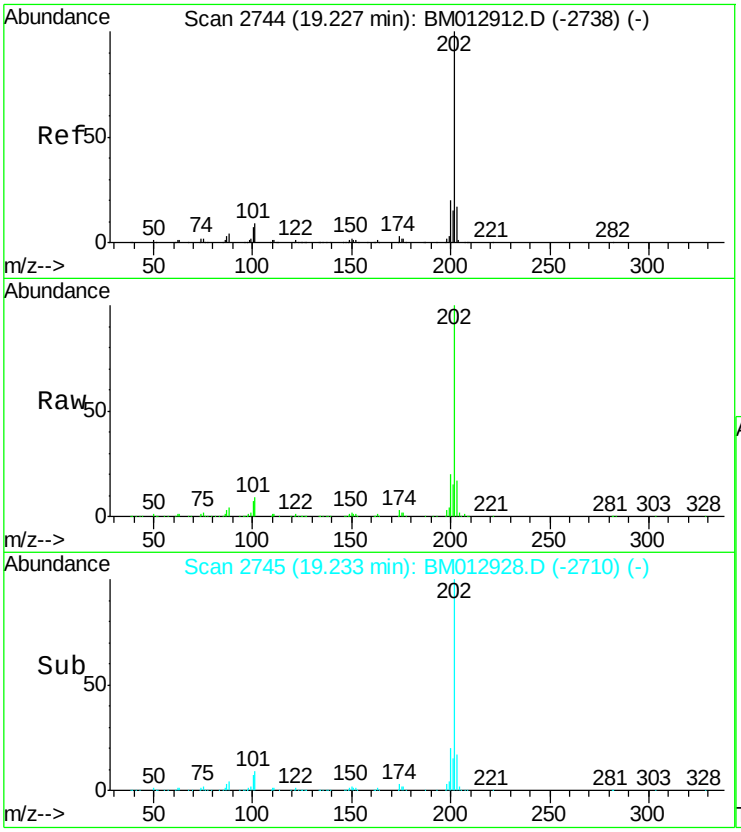


#15
Anthracene
Concen: 20.94 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Tgt Ion:178 Resp: 399708

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.8	17.8
176	17.7	15.2	22.8



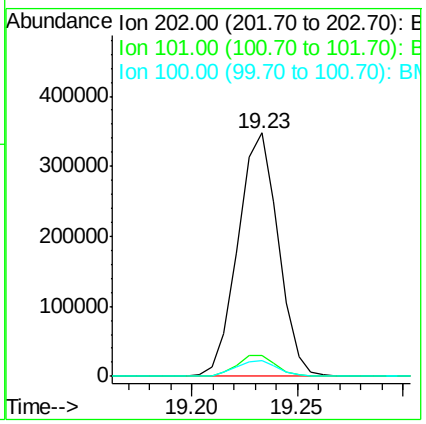


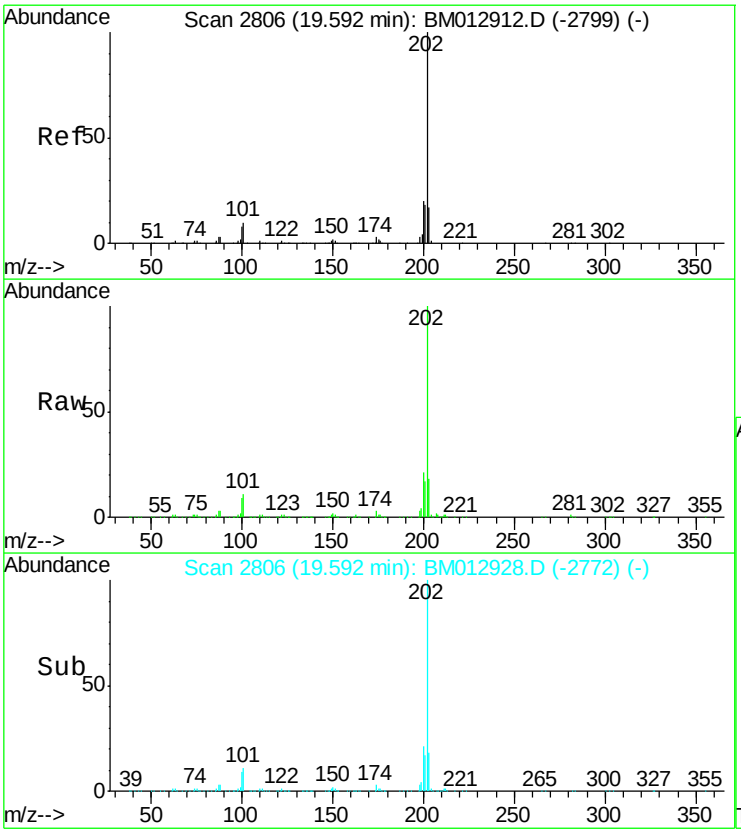
#16
Fluoranthene
Concen: 20.36 ng/ul
RT: 19.23 min Scan# 2745
Delta R.T. 0.01 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 460010

Ion	Ratio	Lower	Upper
202	100		
101	8.7	9.9	14.9#
100	6.5	7.4	11.0#

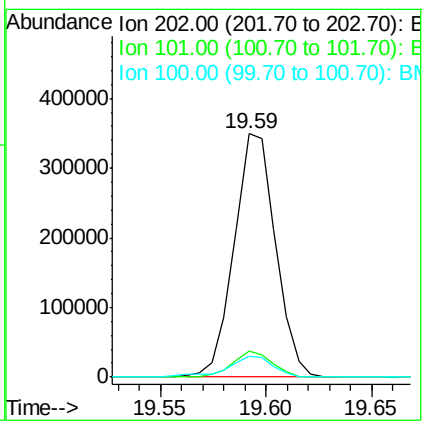


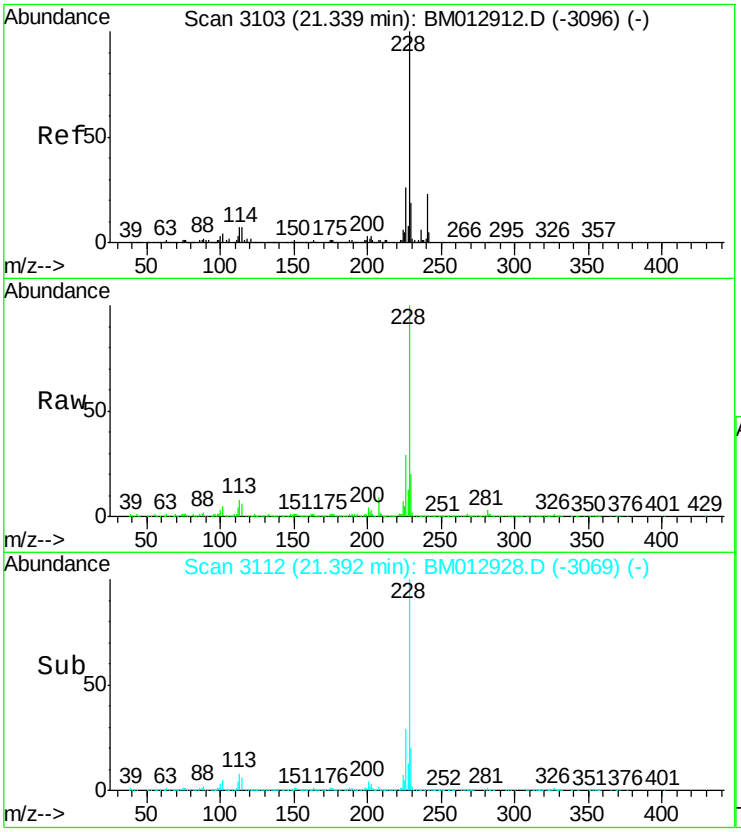


#19
Pyrene
Concen: 9720.23 ng/ul
RT: 19.59 min Scan# 2806
Delta R.T. 0.00 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Tgt Ion:202 Resp: 471487

Ion	Ratio	Lower	Upper
202	100		
101	10.7	11.0	16.4#
100	8.6	8.1	12.1



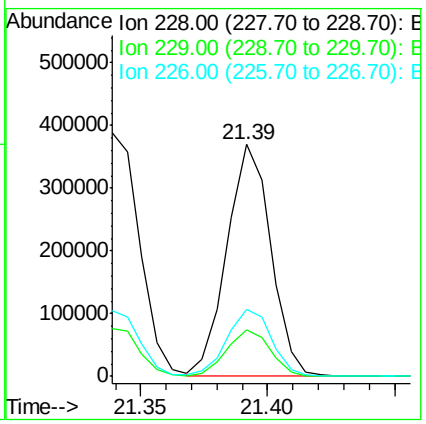


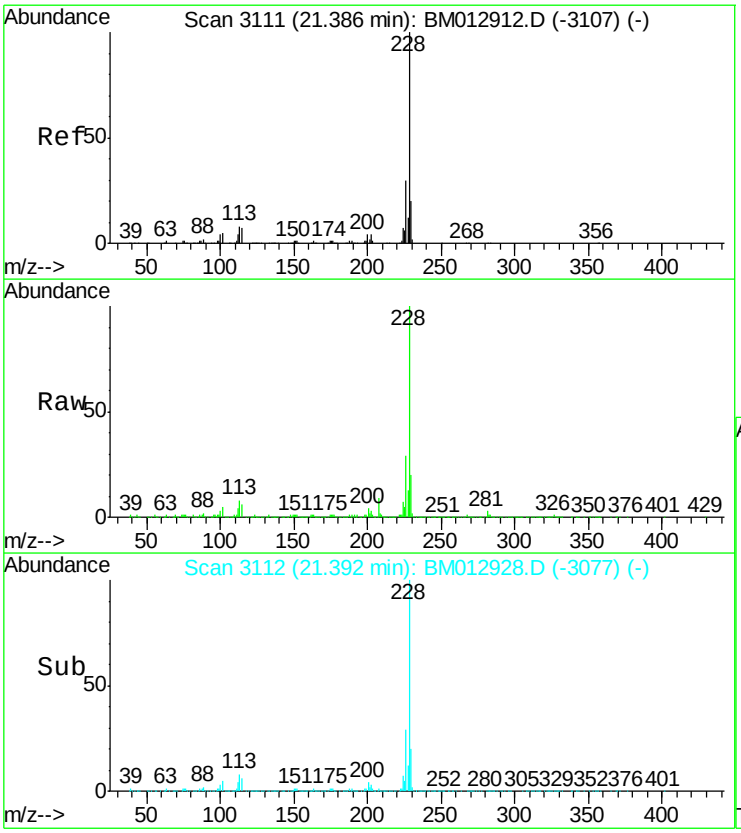
#20
Benzo(a)anthracene
Concen: 8508.81 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. 0.05 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 442406

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	29.0	21.1	31.7

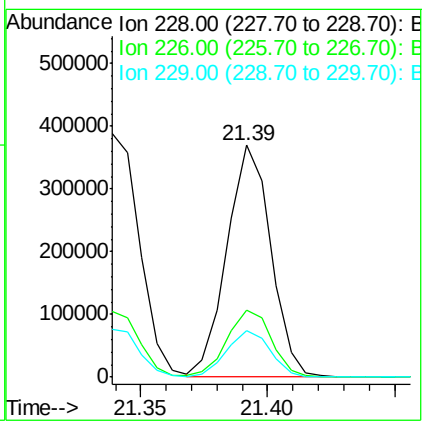


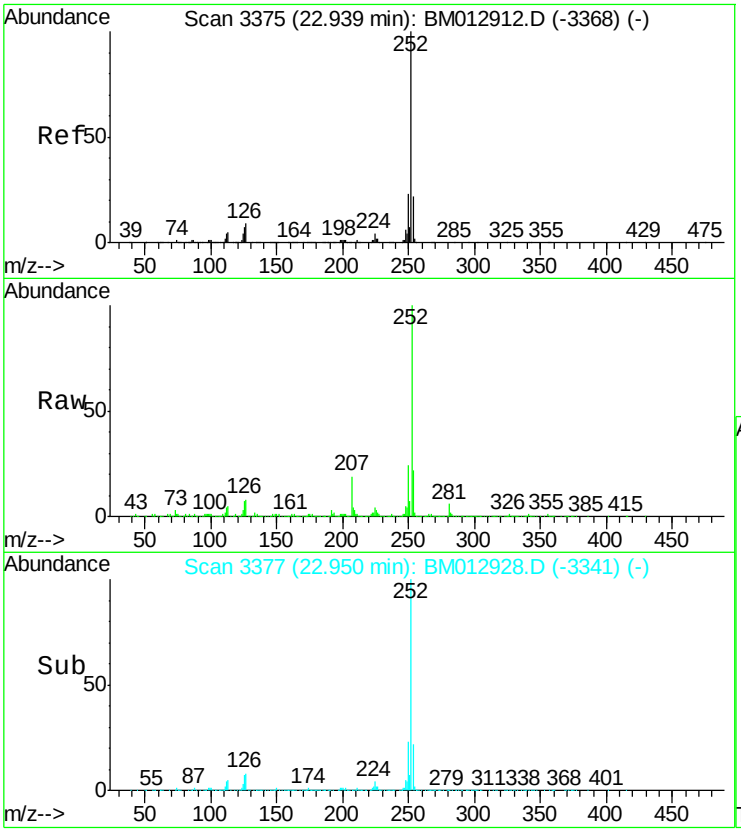


#21
Chrysene
Concen: 9513.69 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Tgt Ion:228 Resp: 442050

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.5	36.7
229	19.8	15.8	23.8



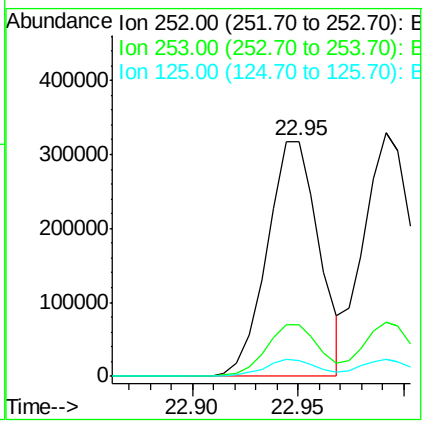


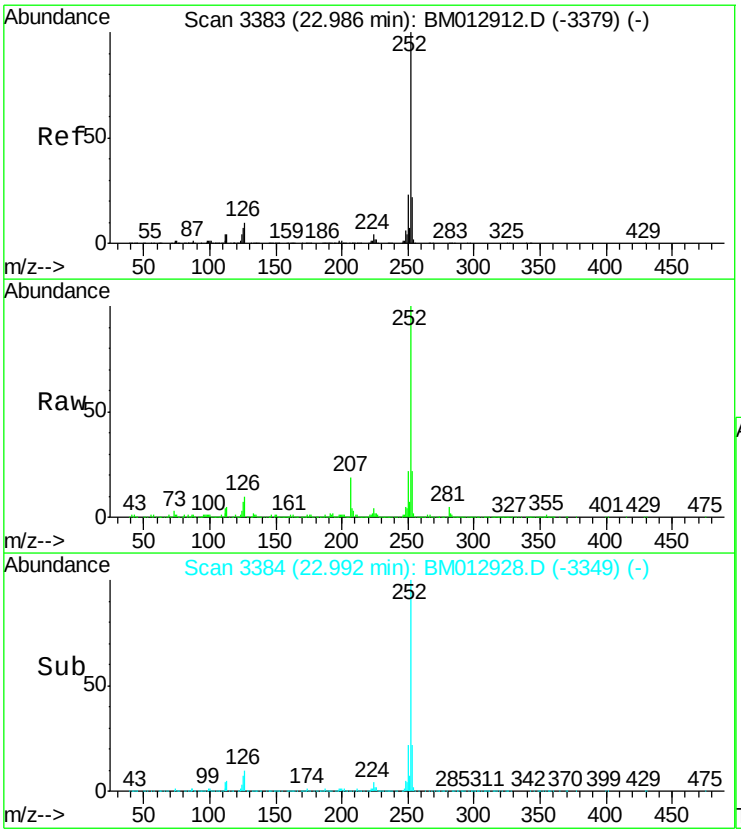
#23
Benzo(b)fluoranthene
Concen: 19.06 ng/ul
RT: 22.95 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 542289

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	7.0	8.0	12.0#

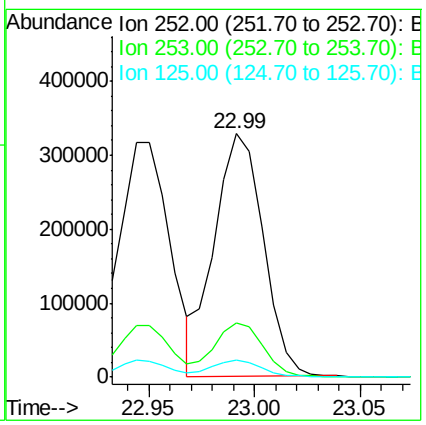


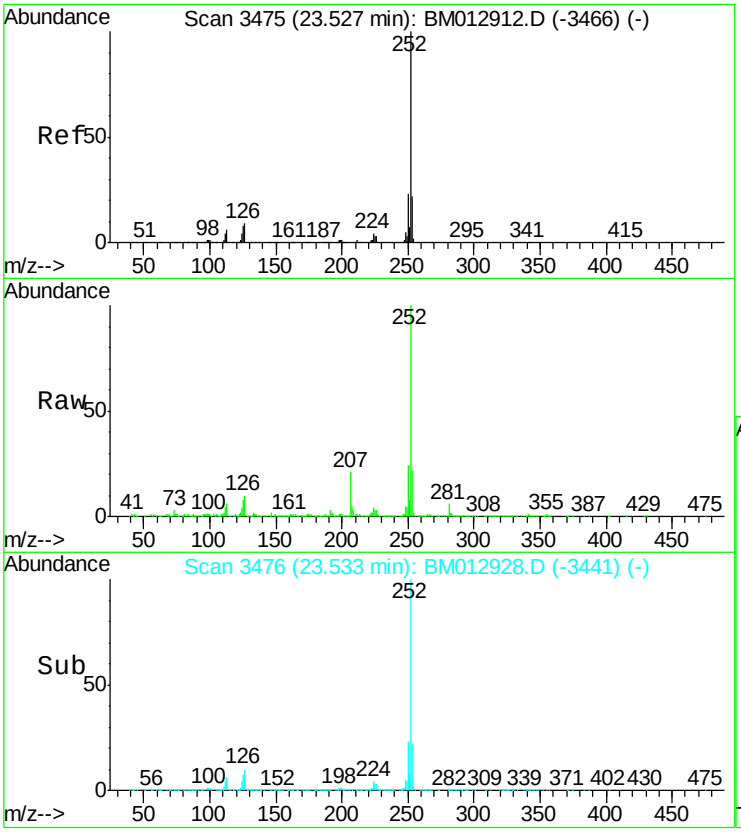


#24
Benzo(k)fluoranthene
Concen: 19.34 ng/ul
RT: 22.99 min Scan# 3384
Delta R.T. 0.01 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Tgt Ion:252 Resp: 525795

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	7.2	8.1	12.1#



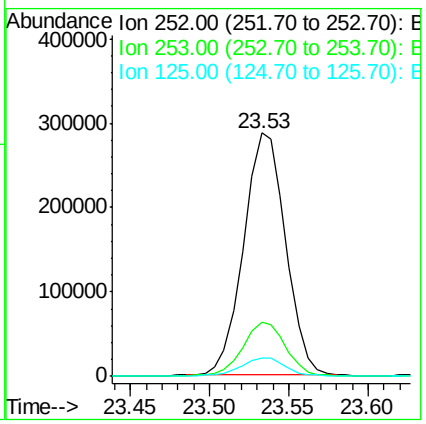


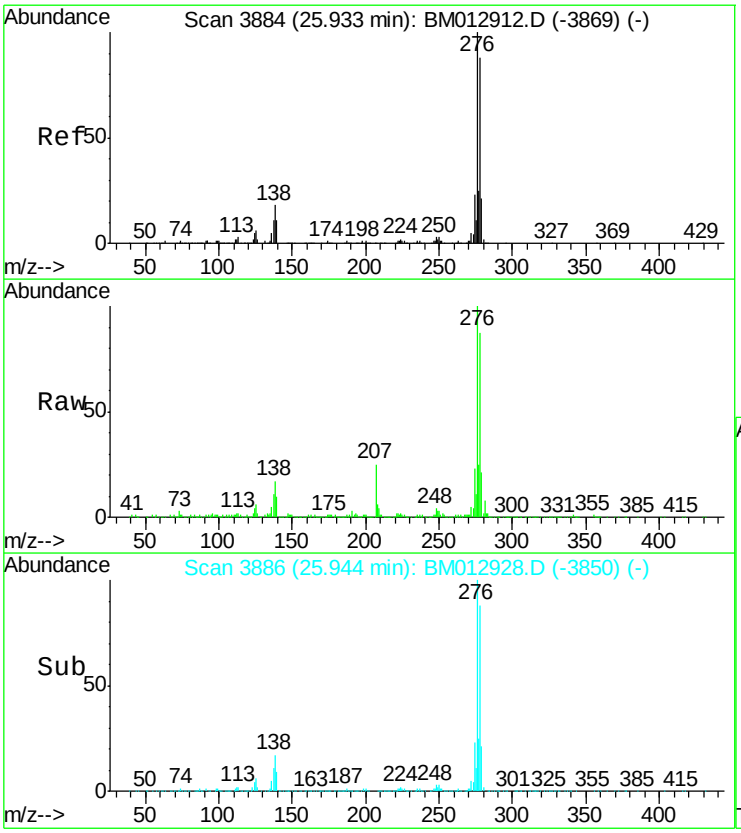
#26
Benzo(a)pyrene
Concen: 19.13 ng/ul
RT: 23.53 min Scan# 3476
Delta R.T. 0.01 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 527865

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	7.7	8.2	12.4#

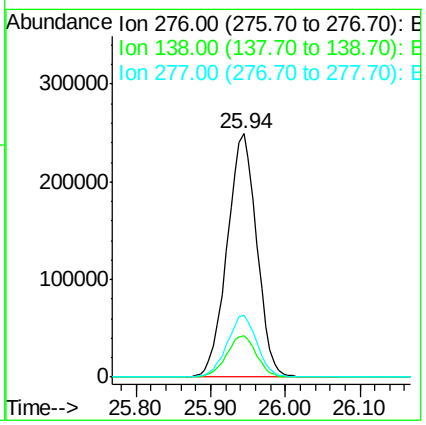


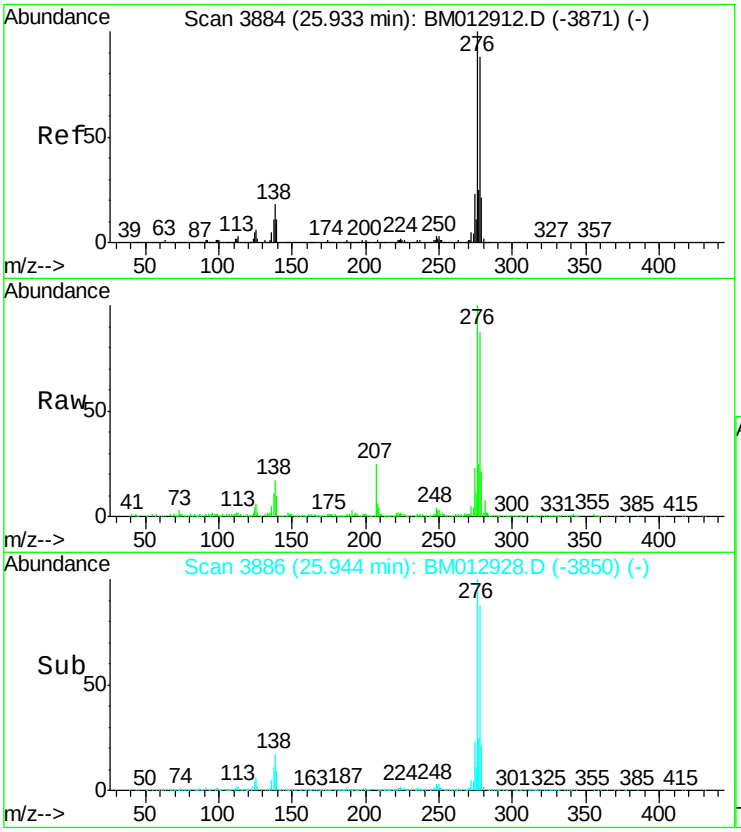


#27
Indeno(1,2,3-cd)pyrene
Concen: 19.18 ng/ul
RT: 25.94 min Scan# 3886
Delta R.T. 0.01 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Tgt Ion:276 Resp: 682674

Ion	Ratio	Lower	Upper
276	100		
138	17.0	14.4	21.6
277	25.4	18.0	27.0



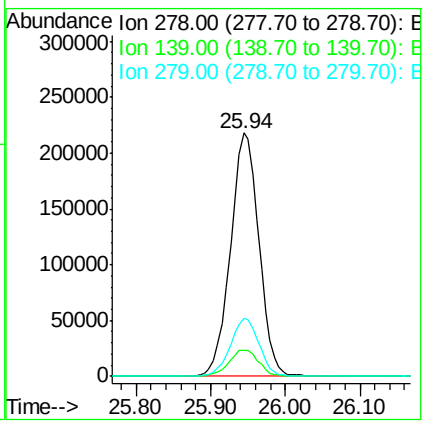


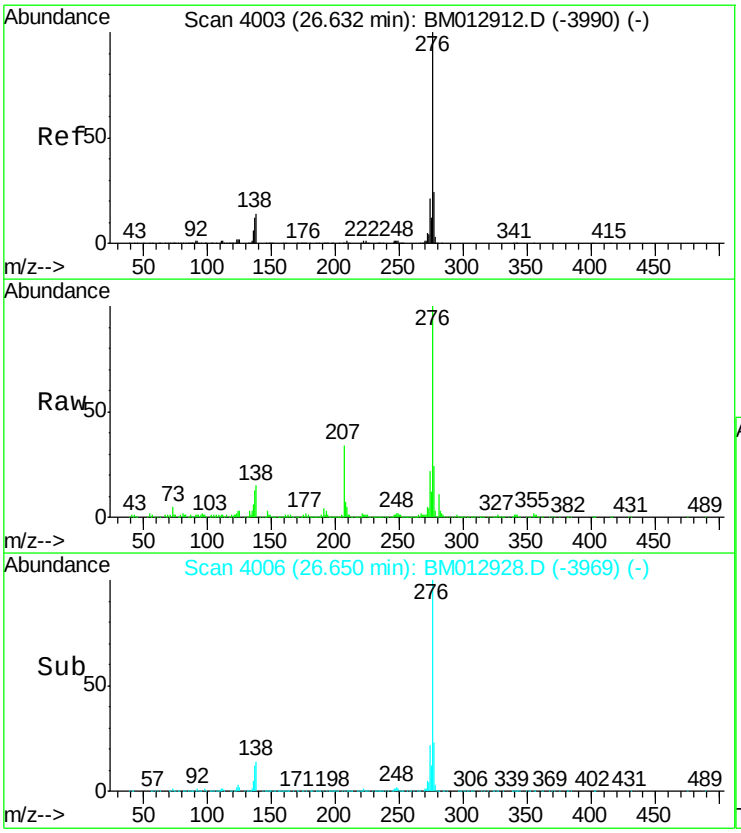
#28
Dibenzo(a,h)anthracene
Concen: 19.28 ng/ul
RT: 25.94 min Scan# 3886
Delta R.T. 0.01 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 576564

Ion	Ratio	Lower	Upper
278	100		
139	10.9	12.2	18.4#
279	23.7	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 19.28 ng/ul
RT: 26.65 min Scan# 4006
Delta R.T. 0.02 min
Lab File: BM012928.D
Acq: 12 Nov 2017 06:37

Tgt Ion:276 Resp: 572736

Ion	Ratio	Lower	Upper
276	100		
138	14.6	15.3	22.9#
277	23.7	19.0	28.4