Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009612.D
Acq On : 07 Apr 2017 02:12
Operator : SJ/MA
Sample : I2525-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB355

Quant Time: Apr 07 03:22:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 03:19:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	175577	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	691105	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	401800	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	943597	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1194382	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1154261	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	151696	14.28	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1009651	25.64	ng/ul	0.00
10) Fluorene-d10	15.48	176	718253	25.36	ng/ul	0.00
15) Anthracene-d10	17.33	188	1146551	25.40	ng/ul	0.00
19) Pyrene-d10	19.63	212	1378300	28.08	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1337135	26.24	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.69	128	98548	2.78	ng/ul#	95
5) 2-Methylnaphthalene	12.30	142	45650	1.77	ng/ul	94
8) Acenaphthylene	14.21	152	52381	1.33	ng/ul	95
9) Acenaphthene	14.55	153	87582	3.22	ng/ul	93
11) Fluorene	15.53	166	88428	2.66	ng/ul	95
14) Phenanthrene	17.28	178	1503561	28.34	ng/ul	98
16) Anthracene	17.37	178	337934	6.16	ng/ul	97
17) Fluoranthene	19.30	202	2428225	36.75	ng/ul	95
20) Pyrene	19.66	202	2158733	33.19	ng/ul	94
21) Benzo(a)anthracene	21.40	228	1143010	16.93	ng/ul	99
22) Chrysene	21.46	228	1076365	17.39	ng/ul	97
24) Benzo(b)fluoranthene	23.04	252	1505358	21.09	ng/ul	99
25) Benzo(k)fluoranthene	23.04	252	1505358	22.13	ng/ul	99
27) Benzo(a)pyrene	23.64	252	1005231	14.81	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	26.10	276	659250	8.66	ng/ul	95
29) Dibenzo(a,h)anthracene	26.11	278	171368	2.65	ng/ul	100
30) Benzo(g,h,i)perylene	26.84	276	631384	10.06	ng/ul#	92

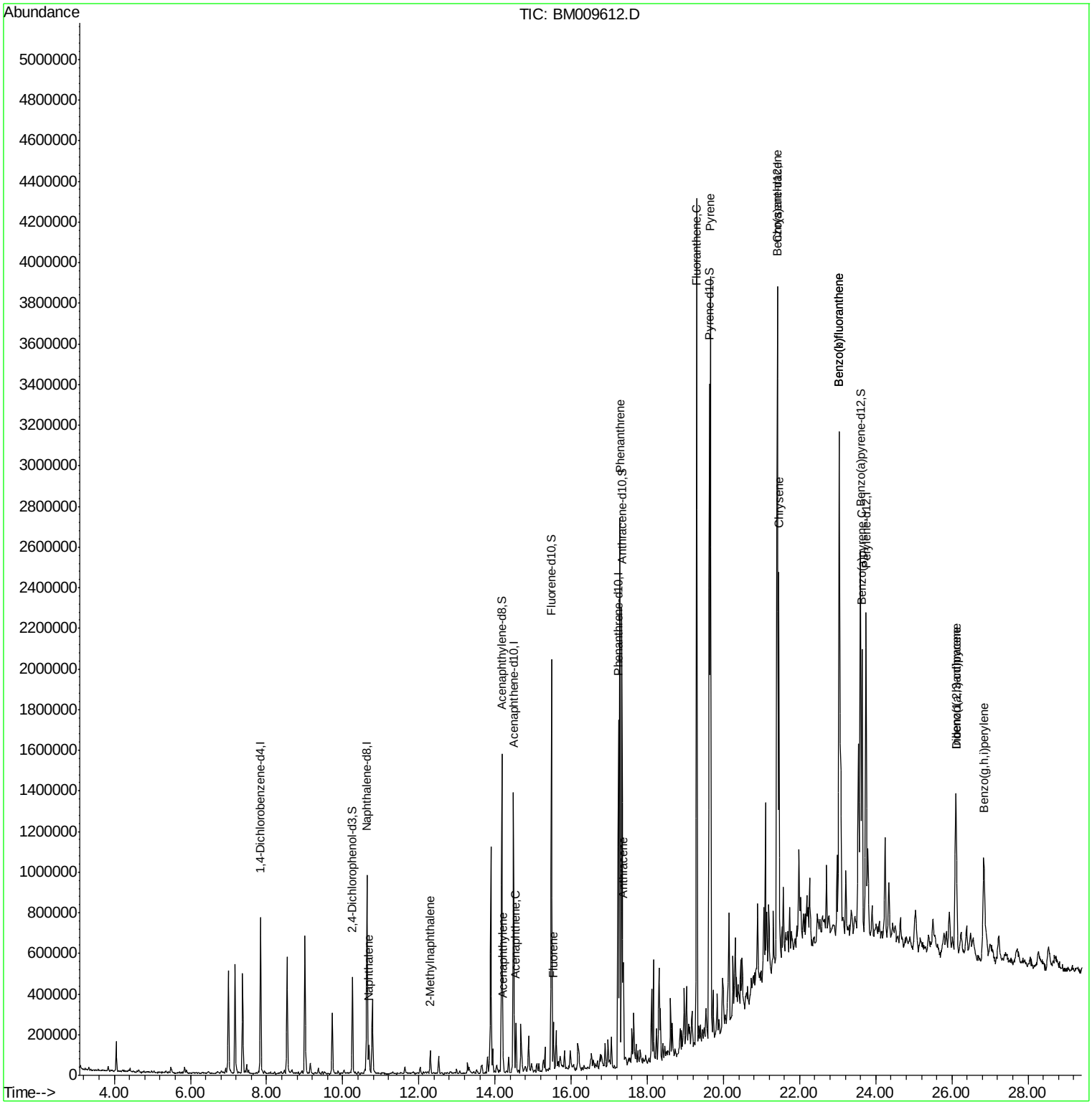
(#) = qualifier out of range (m) = manual integration (+) = signals summed

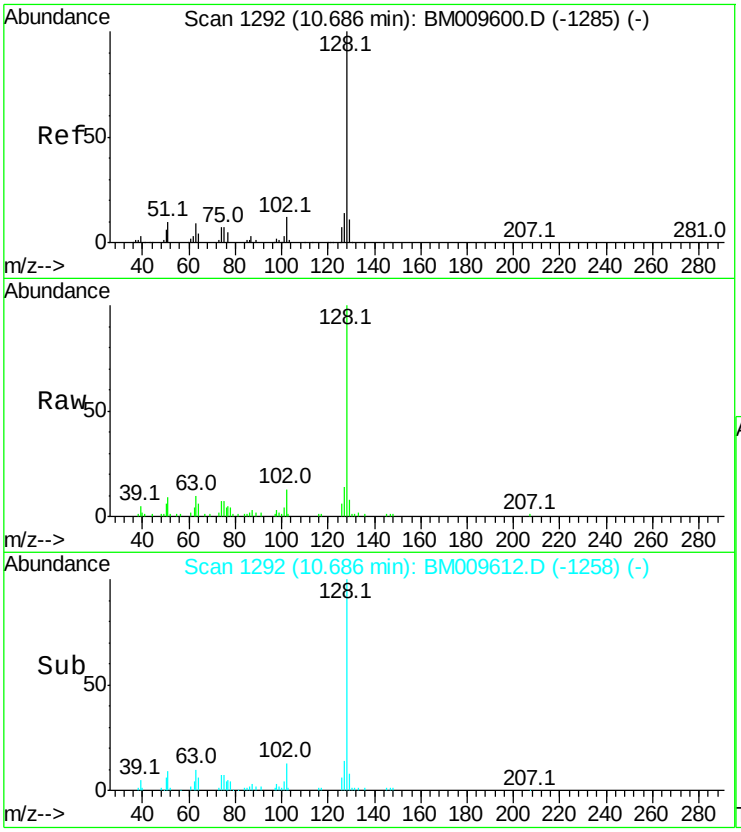
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009612.D
Acq On : 07 Apr 2017 02:12
Operator : SJ/MA
Sample : I2525-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB355

Quant Time: Apr 07 03:22:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 03:19:28 2017
Response via : Initial Calibration



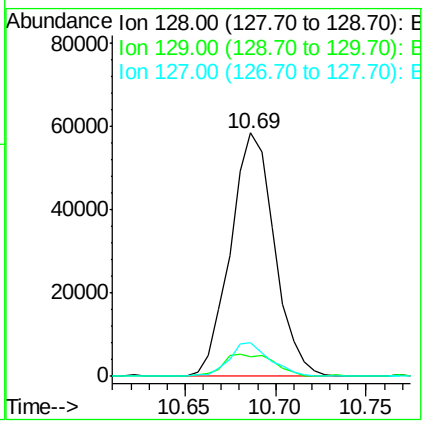


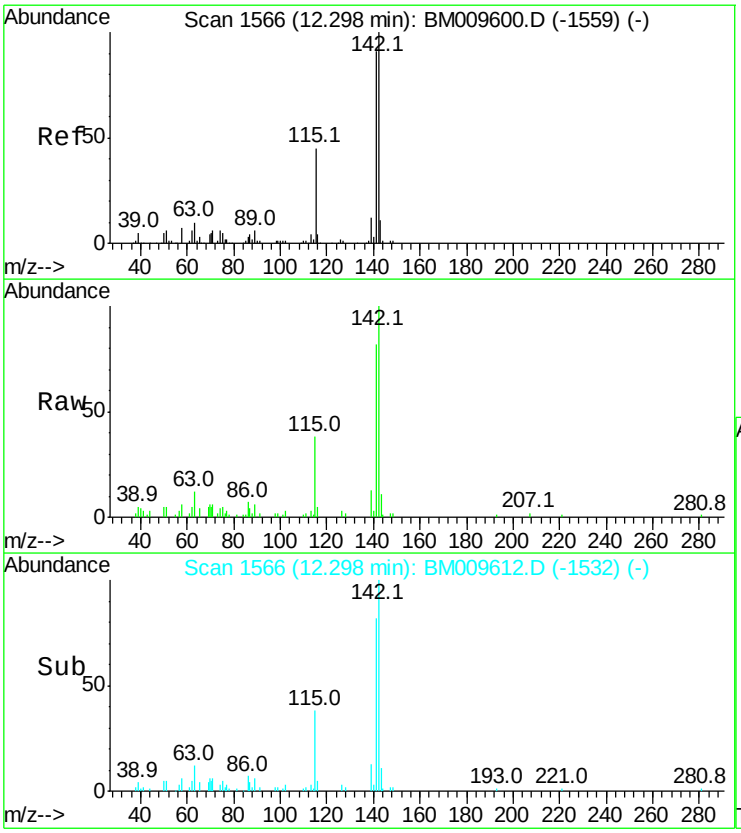
#4
Naphthalene
Concen: 2.78 ng/ul
RT: 10.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BM009612.D
Acq: 07 Apr 2017 02:12

Instrument :
BNA_M
ClientSampleId :
CB355

Tgt Ion:128 Resp: 98548

Ion	Ratio	Lower	Upper
128	100		
129	7.9	9.1	13.7#
127	14.1	10.6	15.8

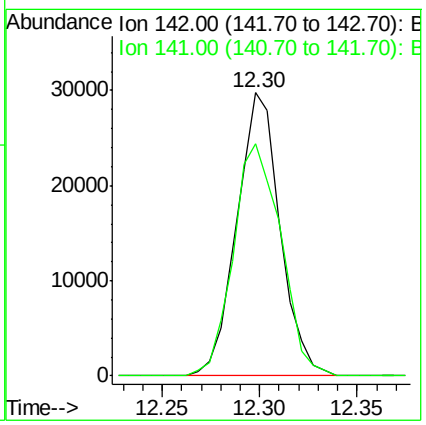


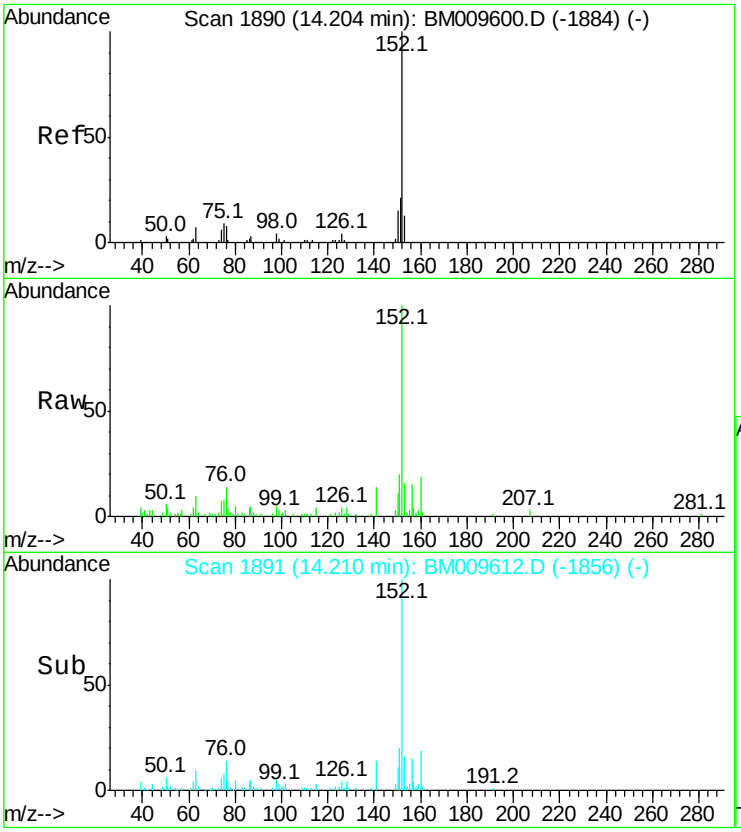


#5
2-Methylnaphthalene
Concen: 1.77 ng/ul
RT: 12.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BM009612.D
Acq: 07 Apr 2017 02:12

Tgt Ion:142 Resp: 45650

Ion	Ratio	Lower	Upper
142	100		
141	82.0	69.8	104.8



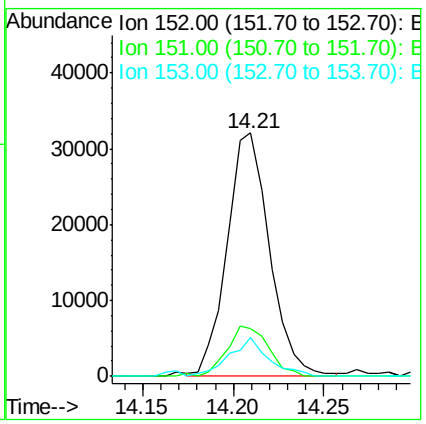


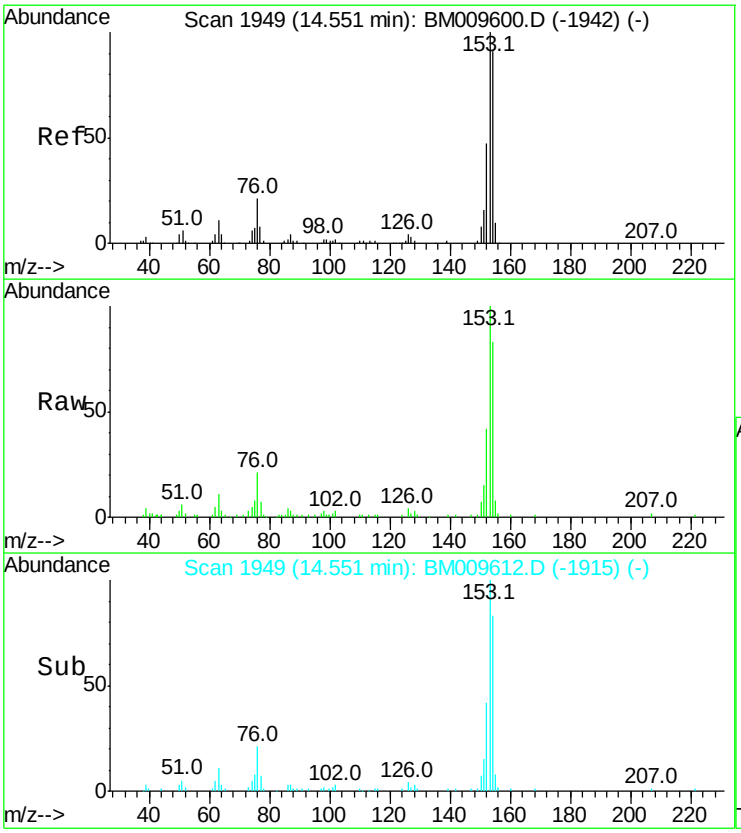
#8
Acenaphthylene
Concen: 1.33 ng/ul
RT: 14.21 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BM009612.D
Acq: 07 Apr 2017 02:12

Instrument :
BNA_M
ClientSampleId :
CB355

Tgt Ion:152 Resp: 52381

Ion	Ratio	Lower	Upper
152	100		
151	19.8	17.5	26.3
153	15.9	10.6	16.0

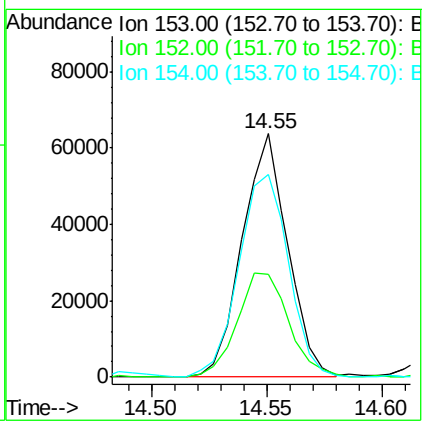


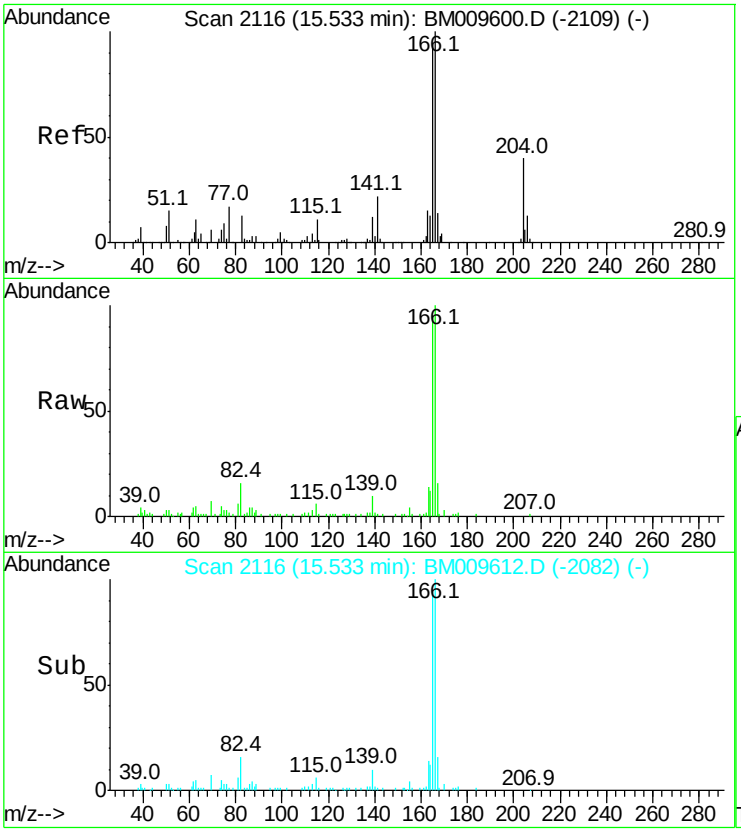


#9
Acenaphthene
Concen: 3.22 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BM009612.D
Acq: 07 Apr 2017 02:12

Tgt Ion:153 Resp: 87582

Ion	Ratio	Lower	Upper
153	100		
152	42.0	37.9	56.9
154	83.2	71.6	107.4



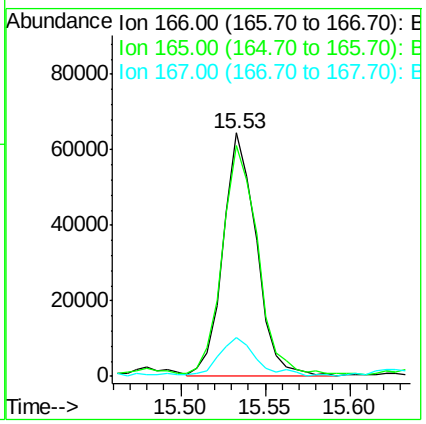


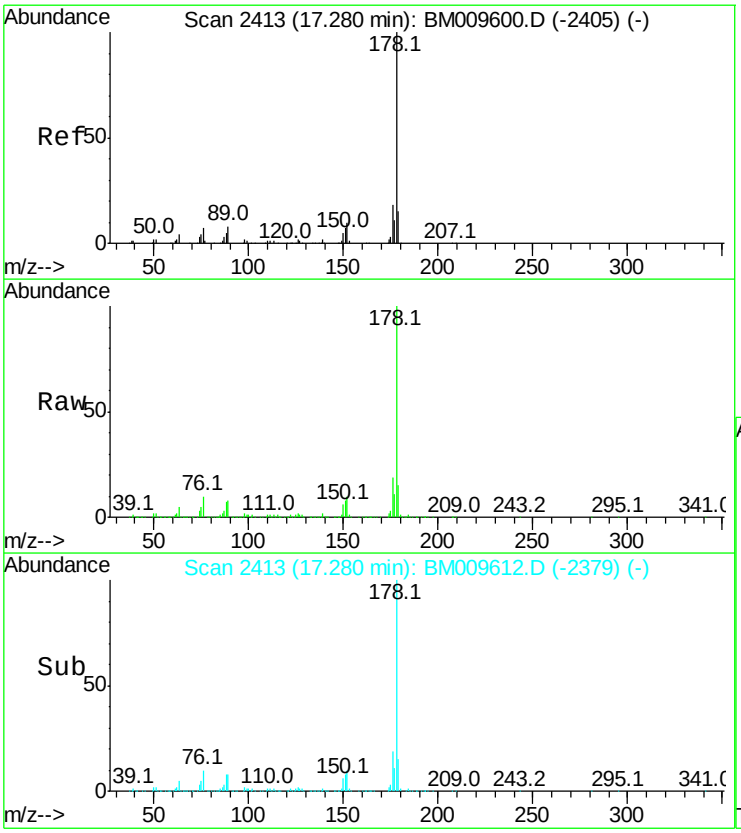
#11
Fluorene
Concen: 2.66 ng/ul
RT: 15.53 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BM009612.D
Acq: 07 Apr 2017 02:12

Instrument :
BNA_M
ClientSampleId :
CB355

Tgt Ion:166 Resp: 88428

Ion	Ratio	Lower	Upper
166	100		
165	94.6	80.0	120.0
167	16.0	11.6	17.4

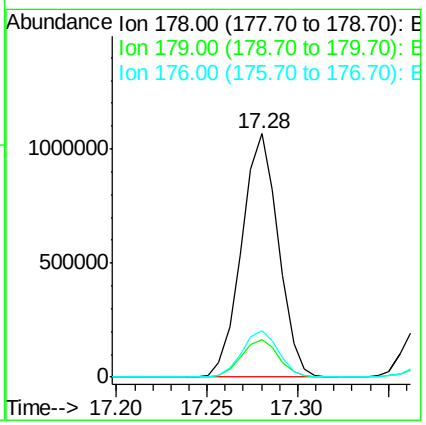


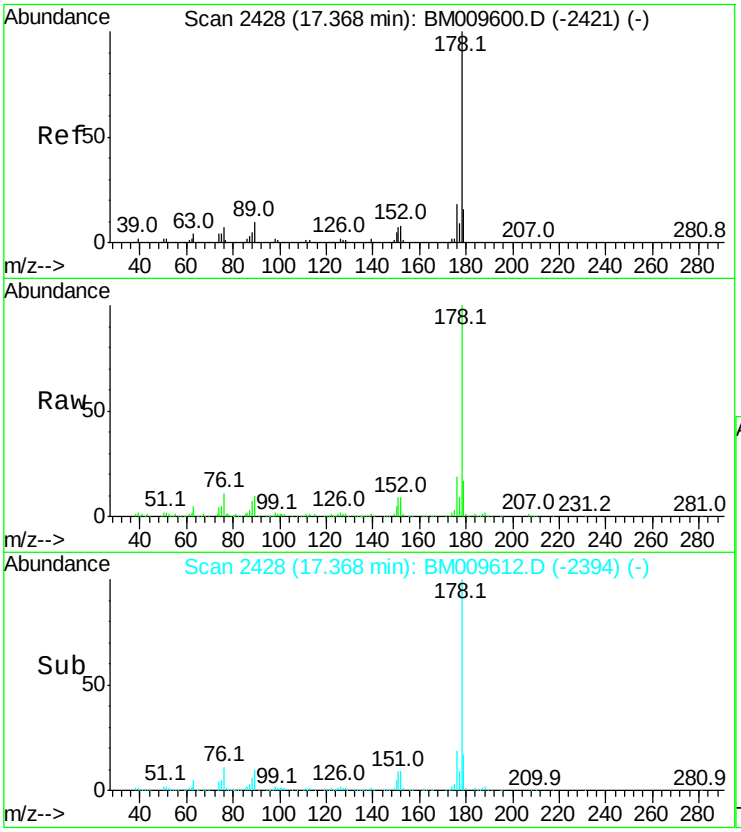


#14
Phenanthrene
Concen: 28.34 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM009612.D
Acq: 07 Apr 2017 02:12

Tgt Ion:178 Resp: 1503561

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	19.1	16.4	24.6



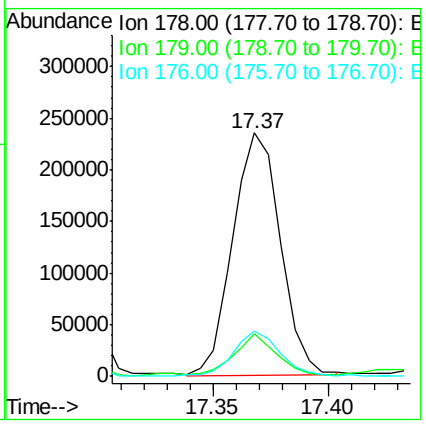


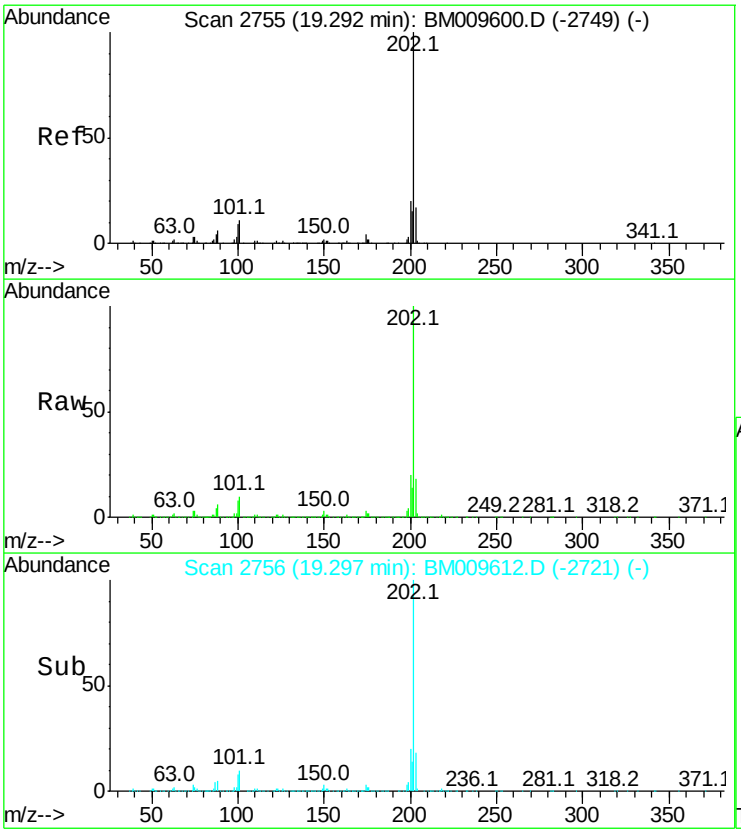
#16
Anthracene
Concen: 6.16 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BM009612.D
Acq: 07 Apr 2017 02:12

Instrument :
BNA_M
ClientSampleId :
CB355

Tgt Ion:178 Resp: 337934

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.7	19.1
176	18.7	15.8	23.8

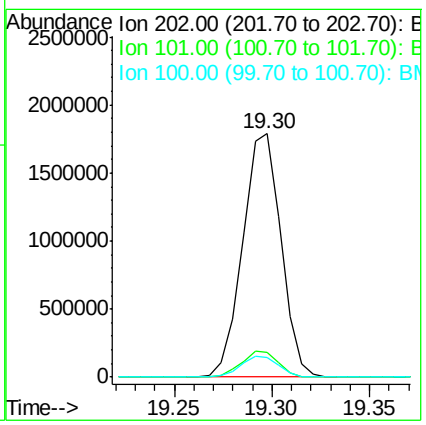


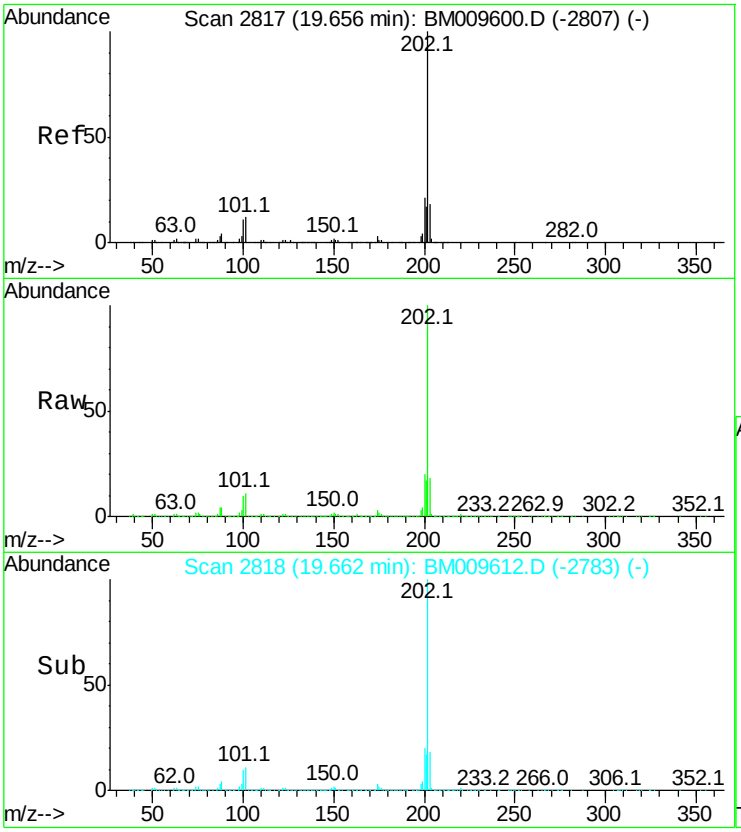


#17
Fluoranthene
Concen: 36.75 ng/ul
RT: 19.30 min Scan# 2756
Delta R.T. 0.01 min
Lab File: BM009612.D
Acq: 07 Apr 2017 02:12

Tgt Ion:202 Resp: 2428225

Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.8	14.8
100	8.0	7.5	11.3



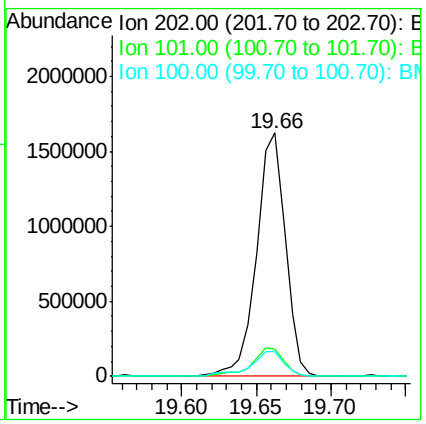


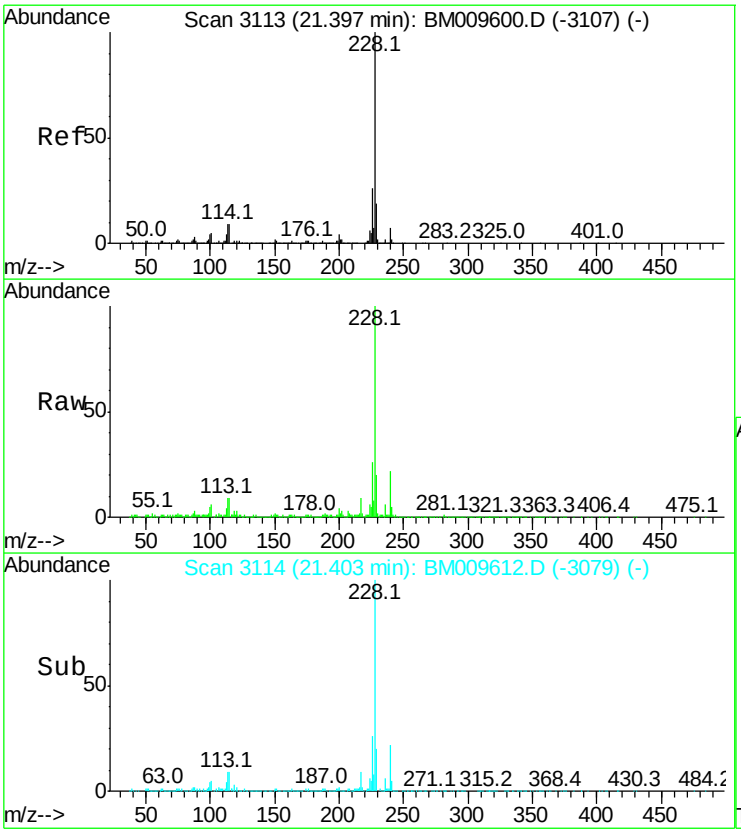
#20
Pyrene
Concen: 33.19 ng/ul
RT: 19.66 min Scan# 2818
Delta R.T. 0.01 min
Lab File: BM009612.D
Acq: 07 Apr 2017 02:12

Instrument :
BNA_M
ClientSampleId :
CB355

Tgt Ion:202 Resp: 2158733

Ion	Ratio	Lower	Upper
202	100		
101	11.4	11.2	16.8
100	10.1	9.8	14.6

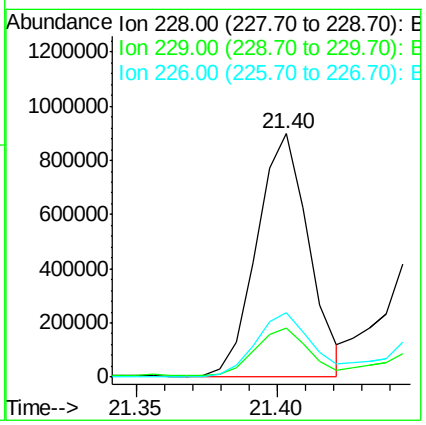


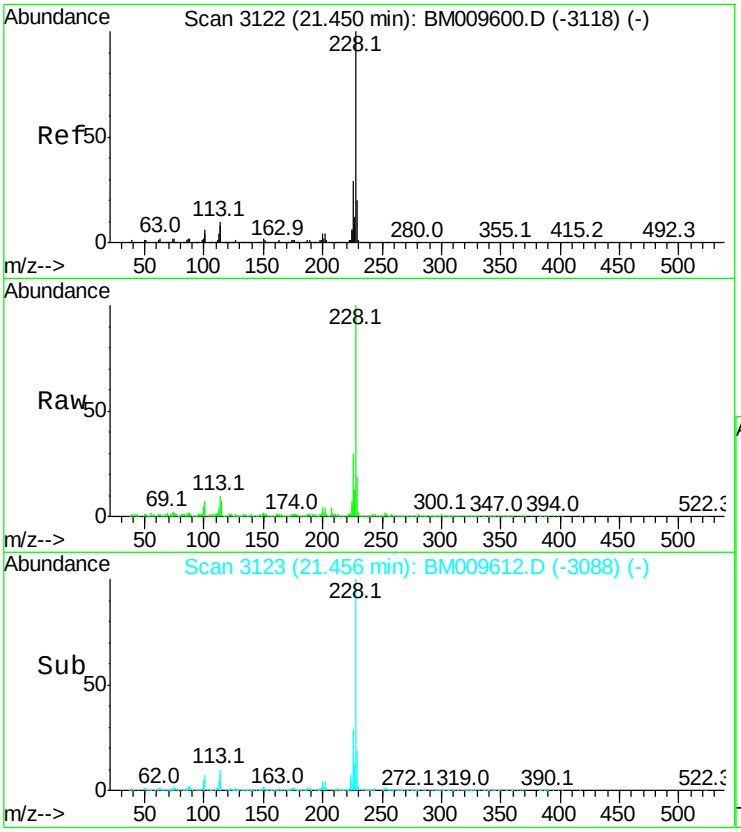


#21
Benzo(a)anthracene
Concen: 16.93 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.01 min
Lab File: BM009612.D
Acq: 07 Apr 2017 02:12

Tgt Ion:228 Resp: 1143010

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	26.5	22.1	33.1



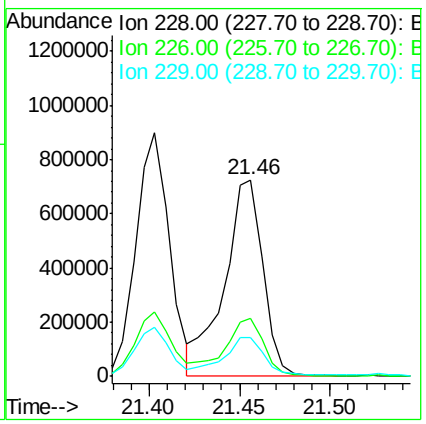


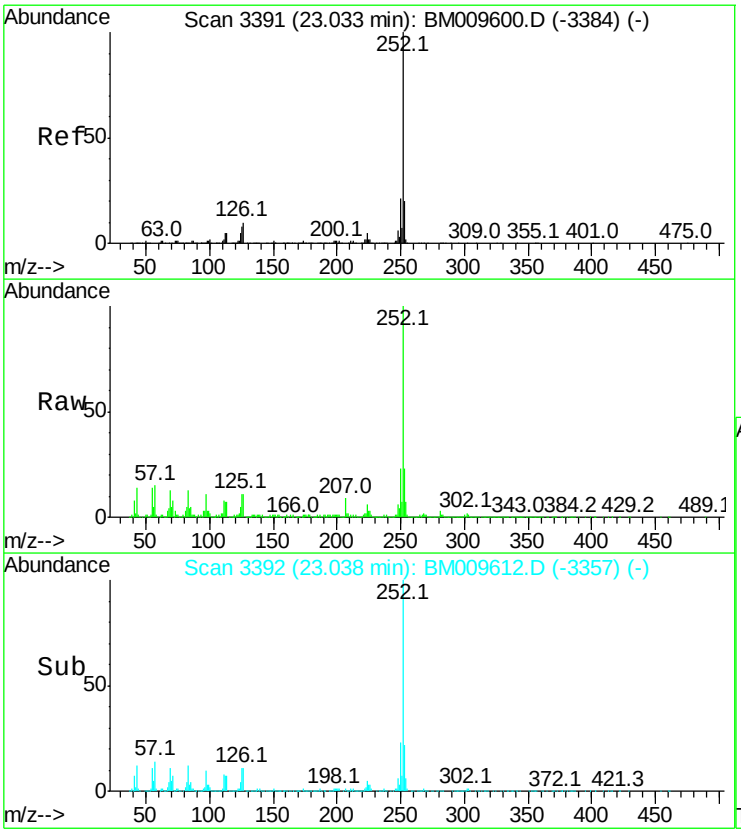
#22
Chrysene
Concen: 17.39 ng/ul
RT: 21.46 min Scan# 3123
Delta R.T. 0.01 min
Lab File: BM009612.D
Acq: 07 Apr 2017 02:12

Instrument :
BNA_M
ClientSampleId :
CB355

Tgt Ion:228 Resp: 1076365

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	19.5	16.6	25.0

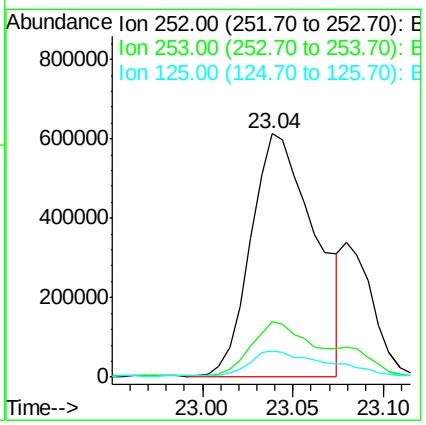


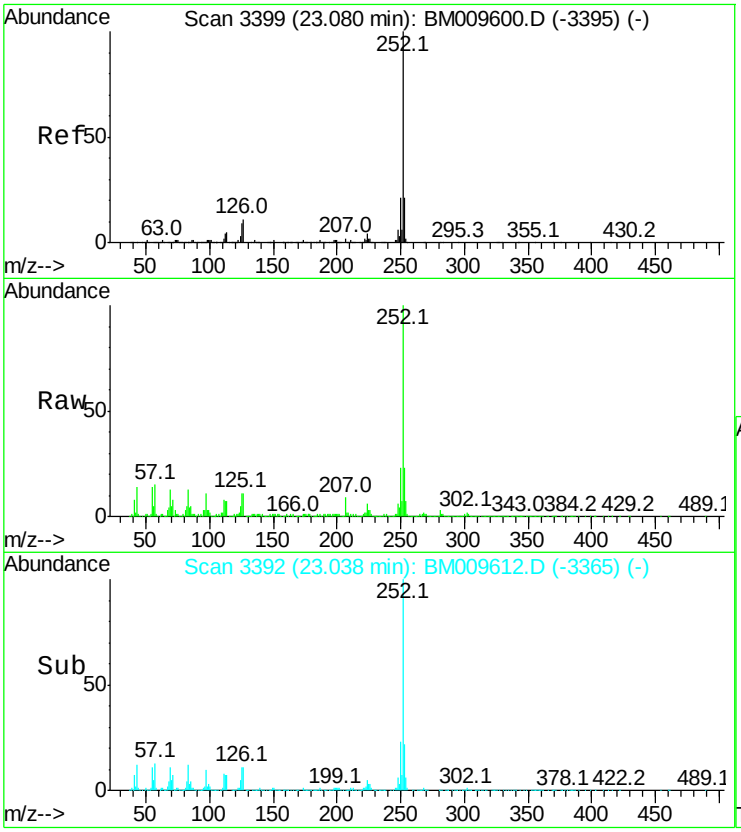


#24
Benzo(b)fluoranthene
Concen: 21.09 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. 0.01 min
Lab File: BM009612.D
Acq: 07 Apr 2017 02:12

Tgt Ion:252 Resp: 1505358

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	10.9	9.4	14.0



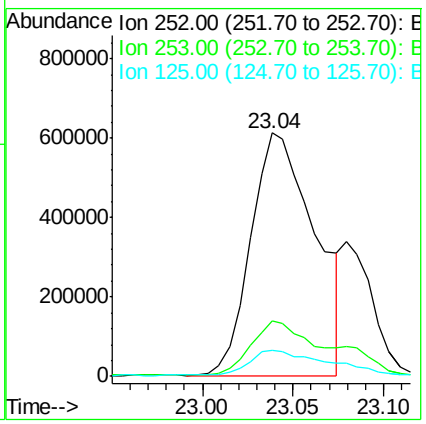


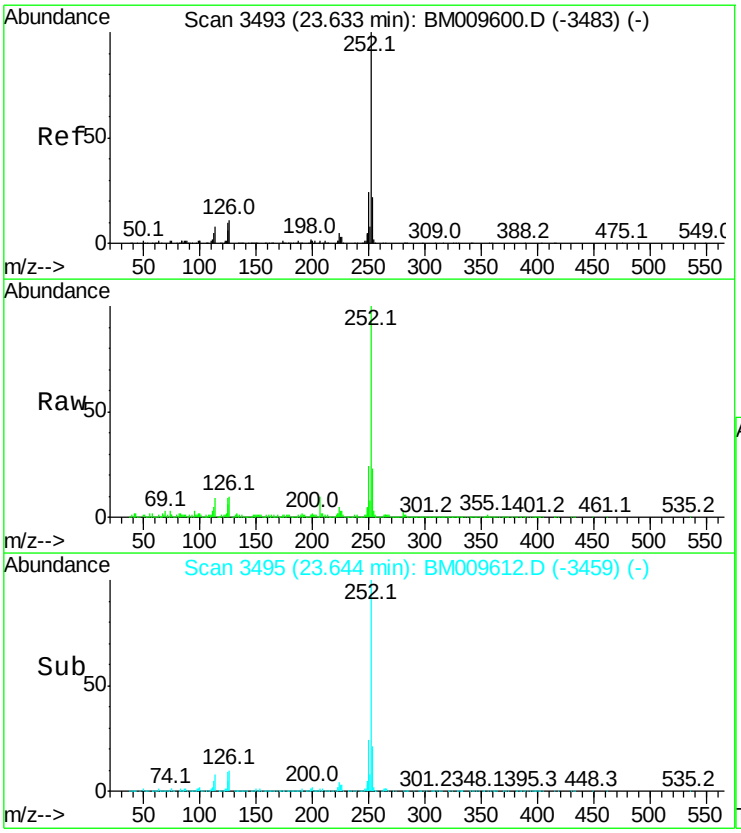
#25
Benzo(k)fluoranthene
Concen: 22.13 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. -0.04 min
Lab File: BM009612.D
Acq: 07 Apr 2017 02:12

Instrument :
BNA_M
ClientSampleId :
CB355

Tgt Ion:252 Resp: 1505358

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	10.9	8.8	13.2

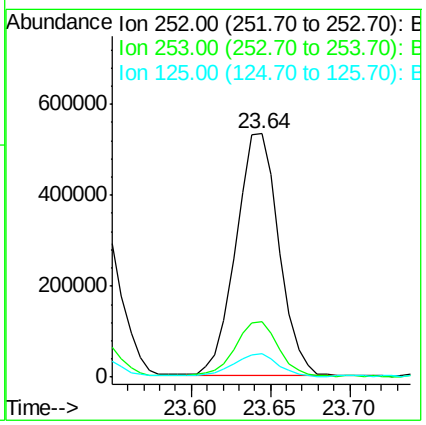


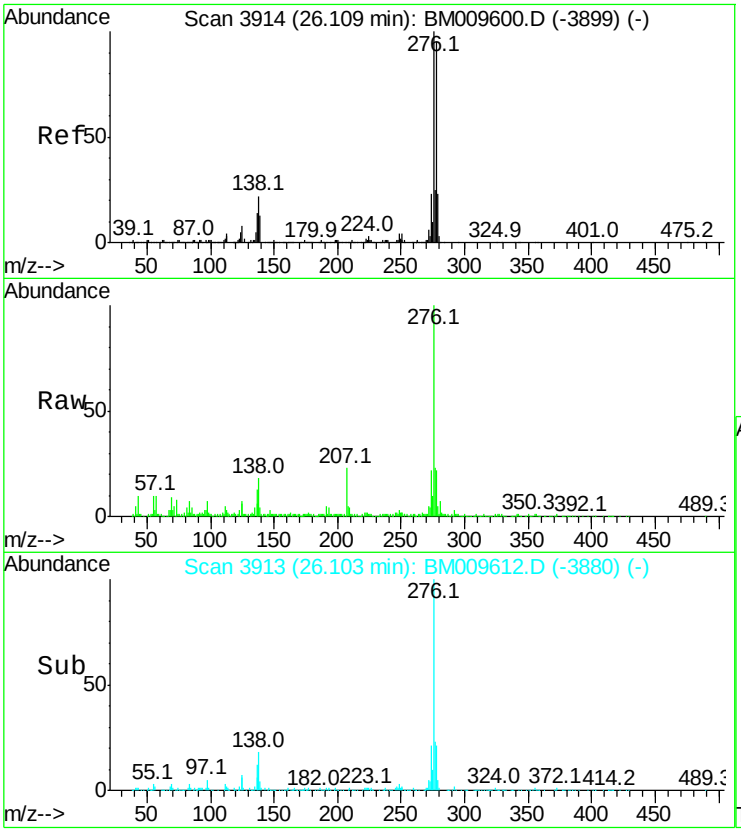


#27
Benzo(a)pyrene
Concen: 14.81 ng/ul
RT: 23.64 min Scan# 3495
Delta R.T. 0.01 min
Lab File: BM009612.D
Acq: 07 Apr 2017 02:12

Tgt Ion:252 Resp: 1005231

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	9.5	9.4	14.2



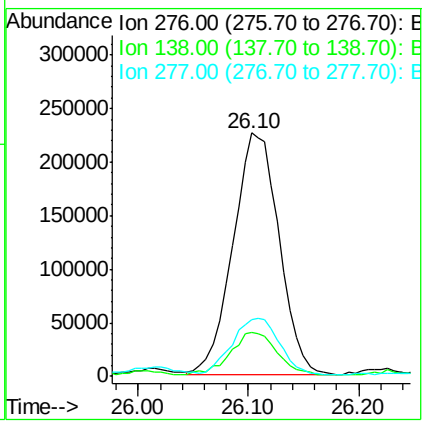


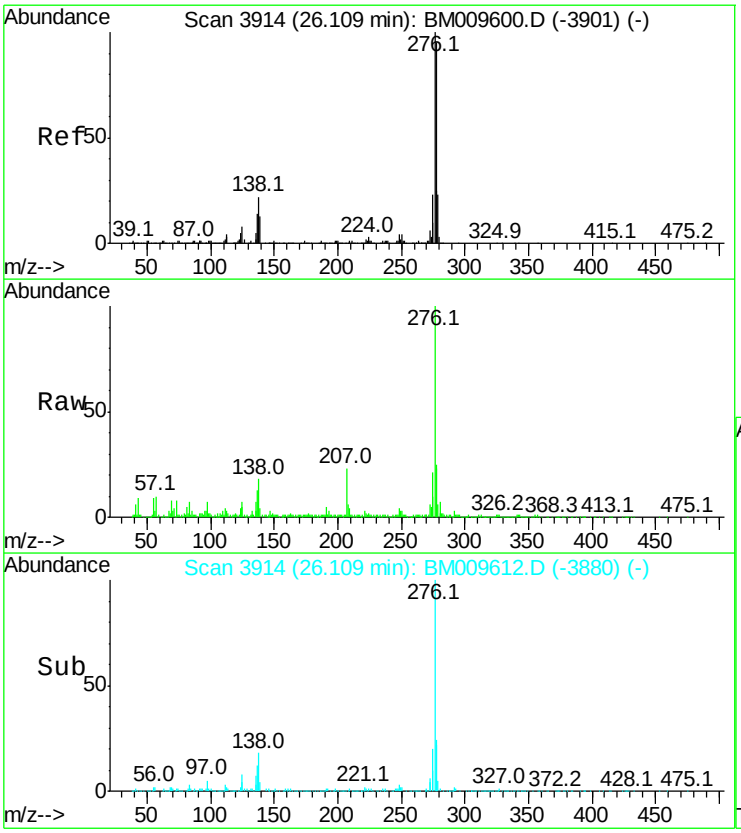
#28
Indeno(1,2,3-cd)pyrene
Concen: 8.66 ng/ul
RT: 26.10 min Scan# 3913
Delta R.T. -0.01 min
Lab File: BM009612.D
Acq: 07 Apr 2017 02:12

Instrument :
BNA_M
ClientSampleId :
CB355

Tgt Ion:276 Resp: 659250

Ion	Ratio	Lower	Upper
276	100		
138	18.2	17.8	26.6
277	23.4	19.4	29.0

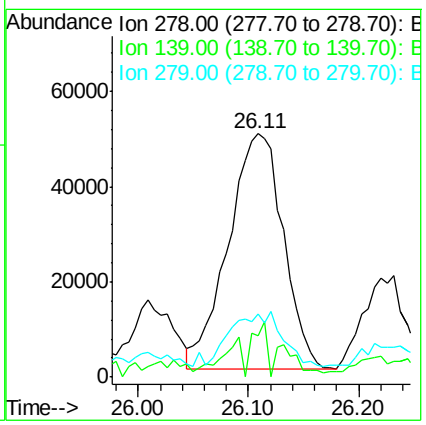


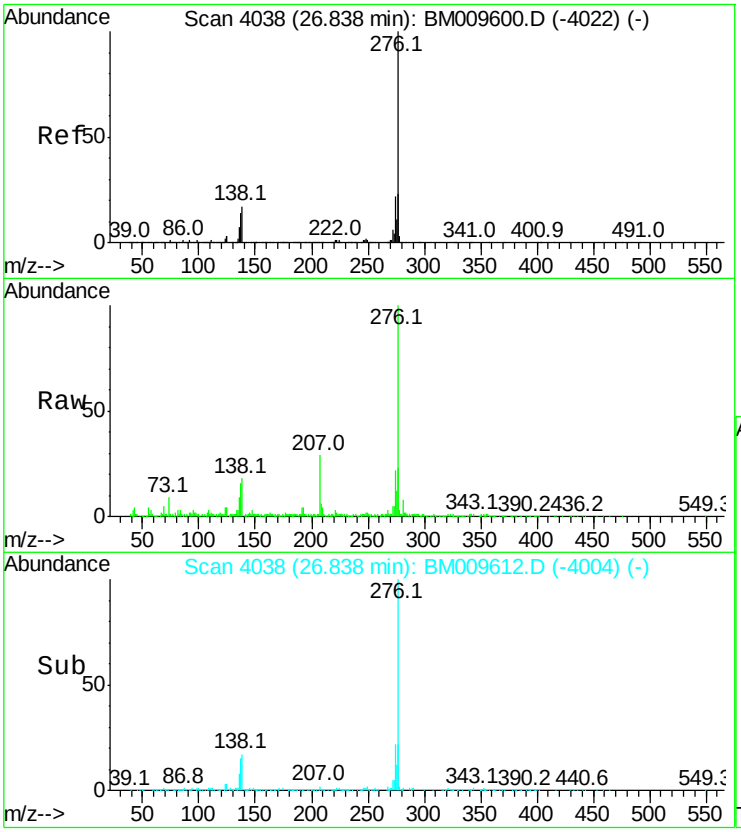


#29
Dibenzo(a,h)anthracene
Concen: 2.65 ng/ul
RT: 26.11 min Scan# 3914
Delta R.T. -0.00 min
Lab File: BM009612.D
Acq: 07 Apr 2017 02:12

Tgt Ion:278 Resp: 171368

Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.0	21.0
279	25.9	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 10.06 ng/ul
RT: 26.84 min Scan# 4038
Delta R.T. -0.00 min
Lab File: BM009612.D
Acq: 07 Apr 2017 02:12

Instrument :
BNA_M
ClientSampleId :
CB355

Tgt Ion:276 Resp: 631384

Ion	Ratio	Lower	Upper
276	100		
138	17.9	19.0	28.4#
277	22.9	19.7	29.5