Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111915\
Data File : BM003196.D
Acq On : 19 Nov 2015 18:54
Operator : UM/IZ
Sample : G4323-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4HT7

Quant Time: Nov 20 03:40:27 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 03:16:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	15223	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	58585	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	30985	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	3636699	0.40	ng/ul	0.10
18) Chrysene-d12	21.33	240	59081	0.40	ng/ul	0.00
22) Perylene-d12	23.44	264	3846690	0.40	ng/ul	-0.14
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	78776	4.84	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	20513	0.26	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	42379	0.00	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.58	128	3832	0.03	ng/ul#	90
7) 2-Methylnaphthalene	12.19	142	252	0.00	ng/ul#	100
9) Acenaphthylene	14.07	152	438	0.00	ng/ul#	1
10) Acenaphthene	14.45	153	245	0.00	ng/ul#	79
11) Fluorene	15.49	166	355	0.00	ng/ul#	1
13) Pentachlorophenol	16.78	266	748	0.00	ng/ul#	19
14) Phenanthrene	17.23	178	1929	0.00	ng/ul#	1
15) Anthracene	17.23	178	1816	0.00	ng/ul#	1
17) Fluoranthene	19.20	202	1671	0.00	ng/ul	60
19) Pyrene	19.54	202	7290	0.04	ng/ul#	1
20) Benzo(a)anthracene	21.32	228	585	0.00	ng/ul#	37
21) Chrysene	21.36	228	446	0.00	ng/ul#	45
23) Benzo(b)fluoranthene	22.76	252	64	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.84	252	127	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.44	252	14439	0.00	ng/ul#	63
26) Indeno(1,2,3-cd)pyrene	25.60	276	19	0.00	ng/ul#	100
27) Dibenzo(a,h)anthracene	25.68	278	23	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.40	276	60	0.00	ng/ul#	1

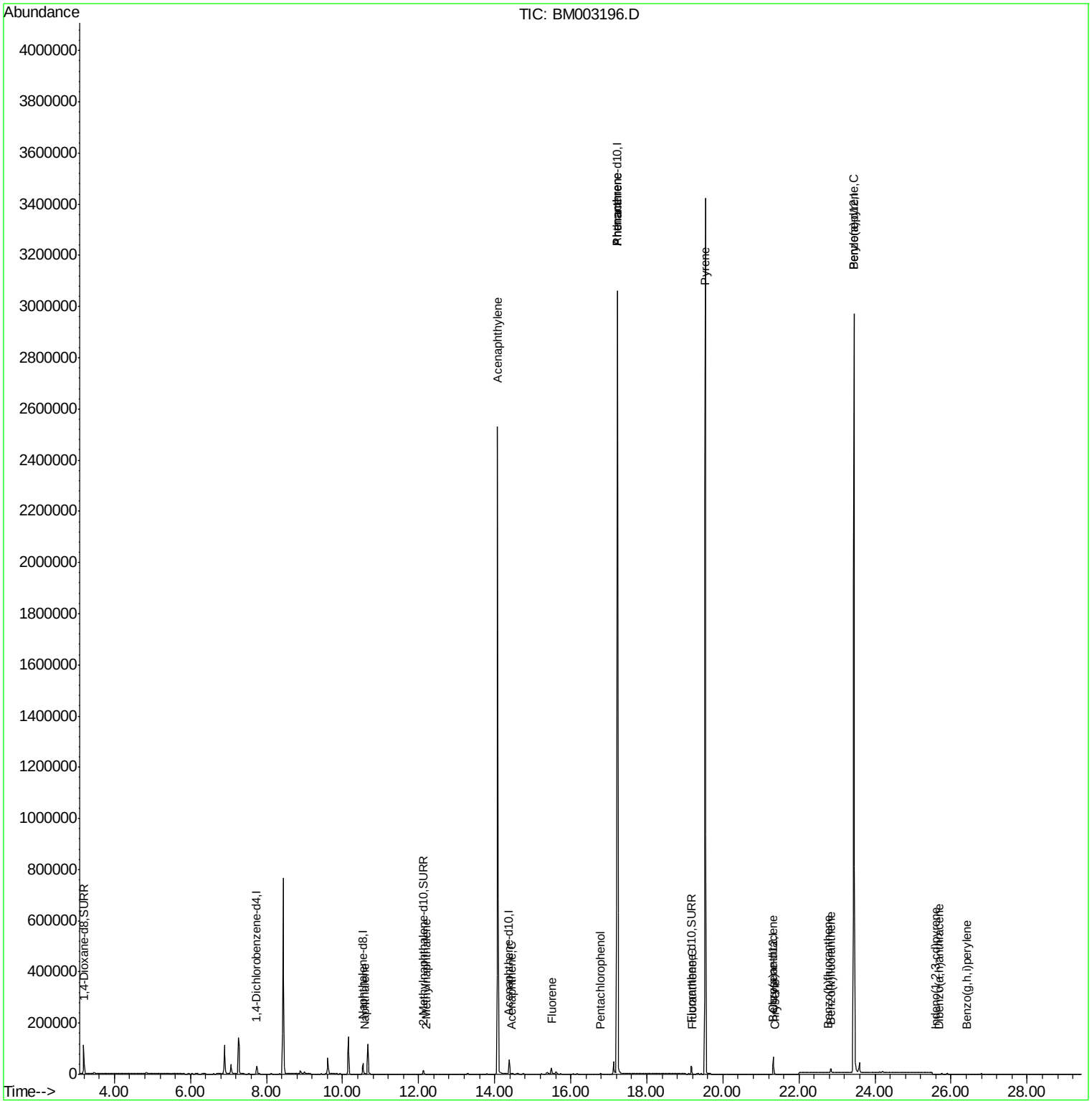
(#) = qualifier out of range (m) = manual integration (+) = signals summed

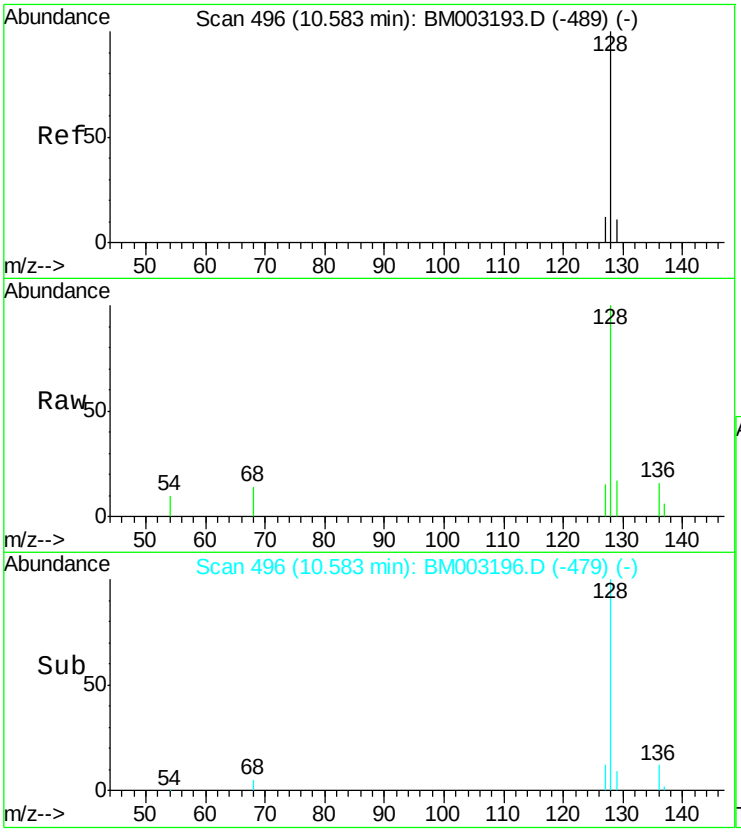
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111915\
Data File : BM003196.D
Acq On : 19 Nov 2015 18:54
Operator : UM/IZ
Sample : G4323-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HT7

Quant Time: Nov 20 03:40:27 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 03:16:26 2015
Response via : Initial Calibration



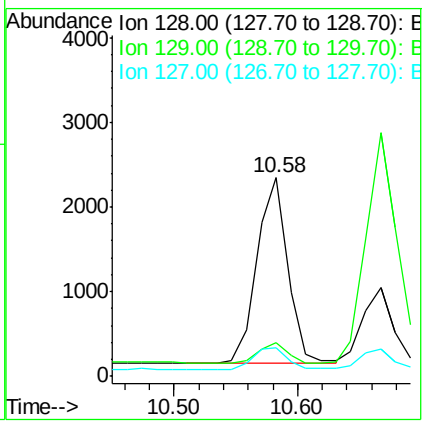


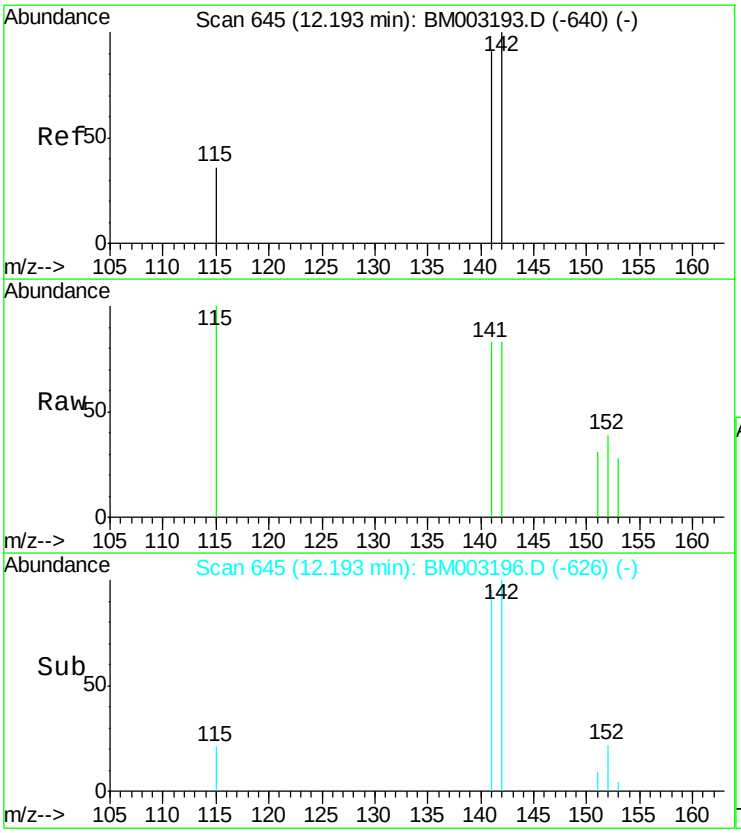
#5
Naphthalene
Concen: 0.03 ng/ul
RT: 10.58 min Scan# 496
Delta R.T. 0.00 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Instrument :
BNA_M
ClientSampleId :
A4HT7

Tgt Ion:128 Resp: 3832

Ion	Ratio	Lower	Upper
128	100		
129	16.7	9.0	13.6#
127	14.6	9.6	14.4#

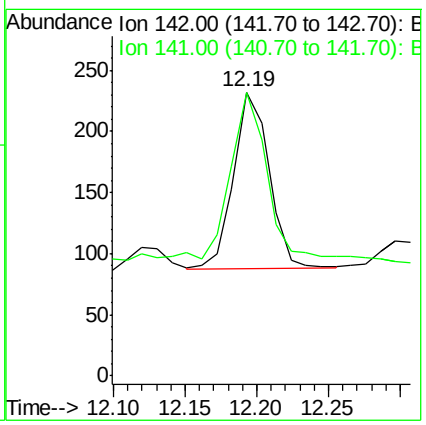


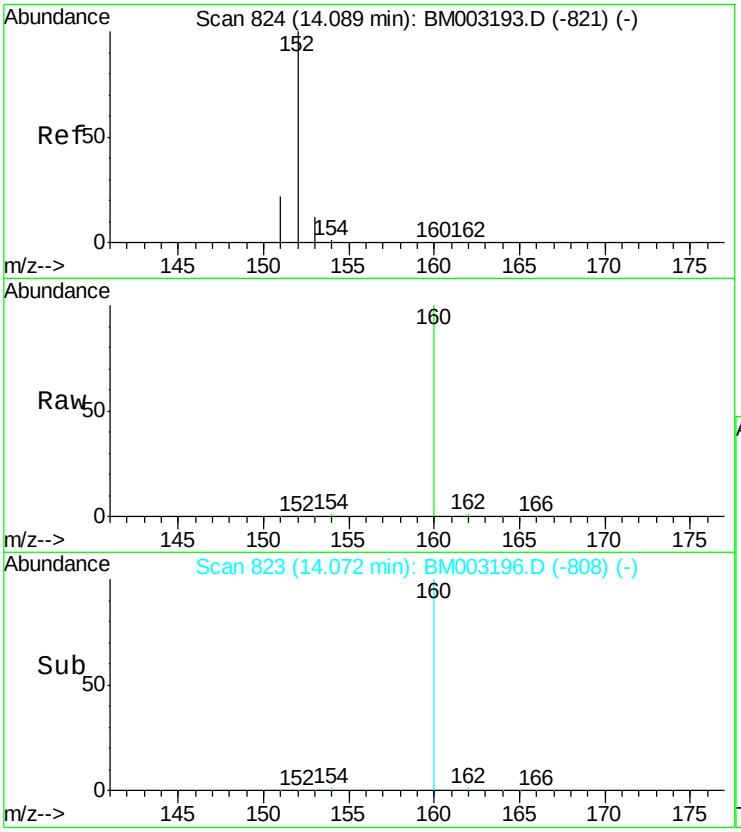


#7
2-Methylnaphthalene
Concen: 0.00 ng/ul
RT: 12.19 min Scan# 645
Delta R.T. 0.00 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Tgt Ion:142 Resp: 252

Ion	Ratio	Lower	Upper
142	100		
141	108.7	0.0	0.0#



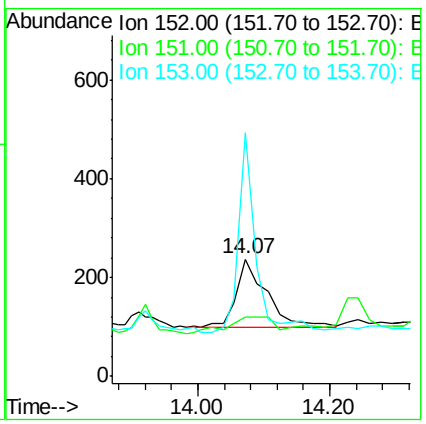


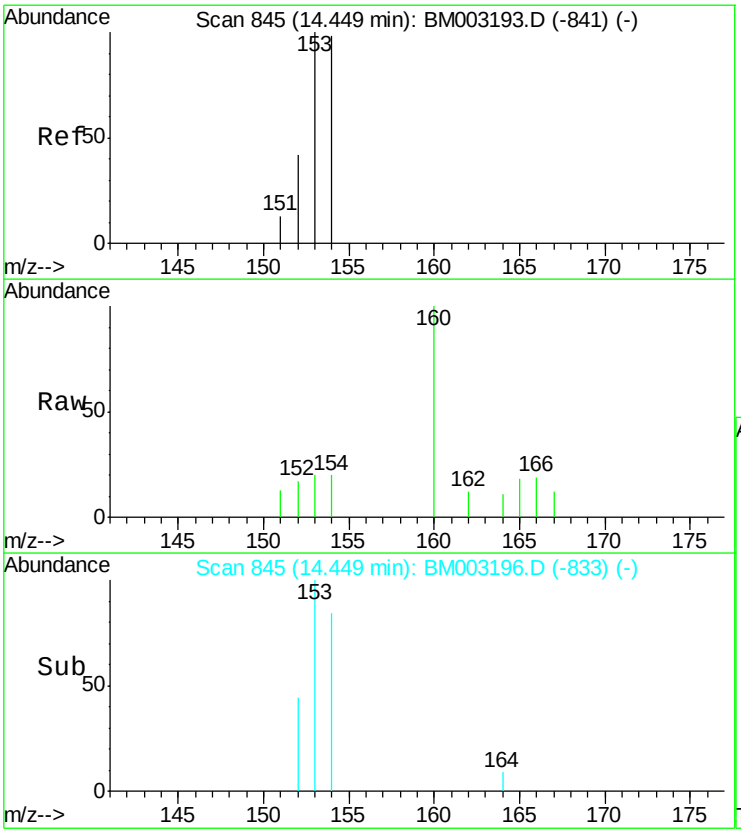
#9
Acenaphthylene
Concen: 0.00 ng/ul
RT: 14.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Instrument :
BNA_M
ClientSampleId :
A4HT7

Tgt Ion:152 Resp: 438

Ion	Ratio	Lower	Upper
152	100		
151	51.1	17.6	26.4#
153	208.0	9.7	14.5#

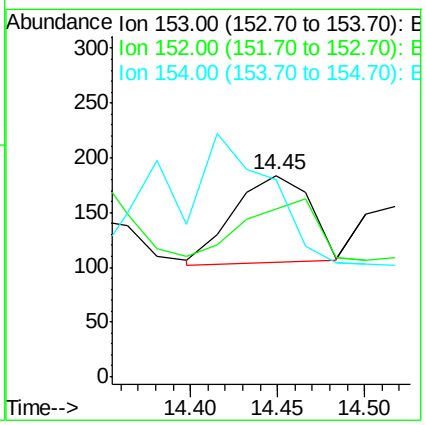


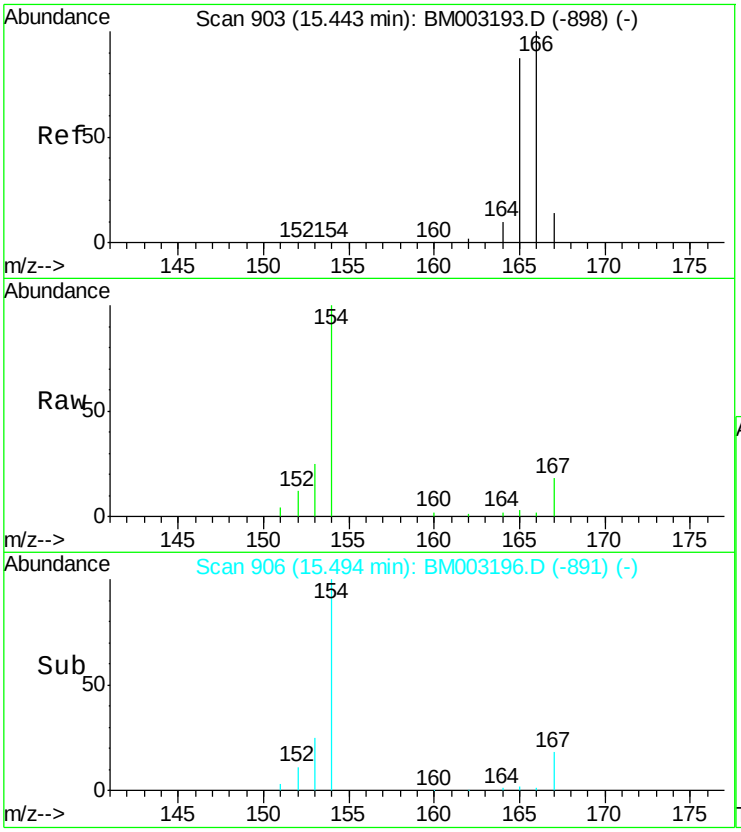


#10
Acenaphthene
Concen: 0.00 ng/ul
RT: 14.45 min Scan# 845
Delta R.T. 0.00 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Tgt Ion:153 Resp: 245

Ion	Ratio	Lower	Upper
153	100		
152	83.2	33.9	50.9#
154	97.8	80.6	121.0



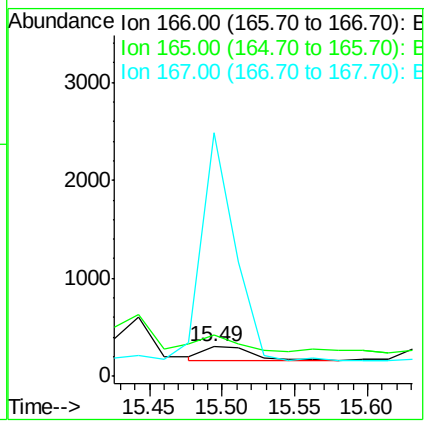


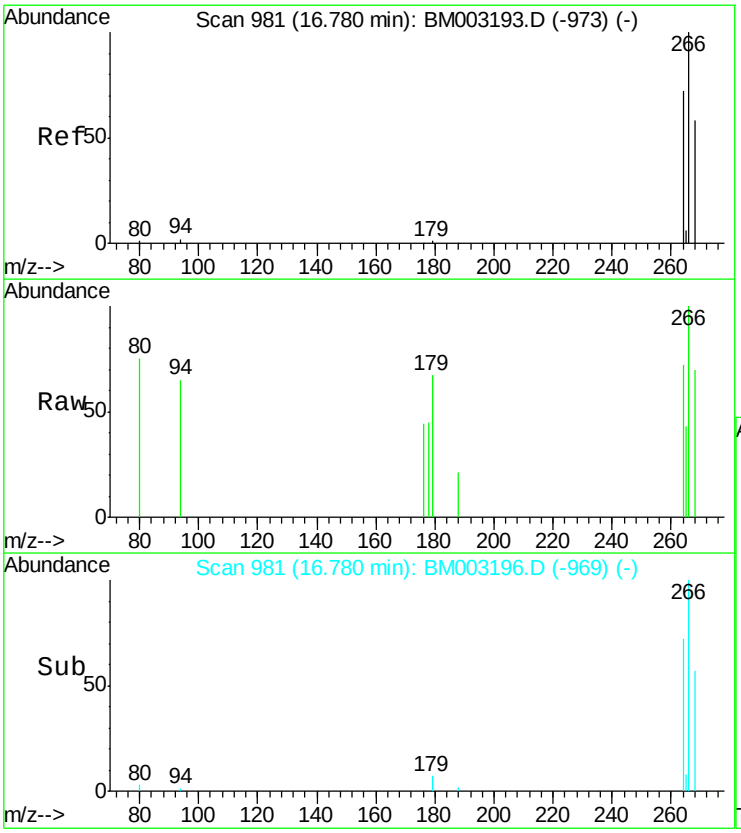
#11
Fluorene
Concen: 0.00 ng/ul
RT: 15.49 min Scan# 906
Delta R.T. 0.05 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Instrument :
BNA_M
ClientSampleId :
A4HT7

Tgt Ion:166 Resp: 355

Ion	Ratio	Lower	Upper
166	100		
165	139.6	69.6	104.4#
167	820.1	11.9	17.9#

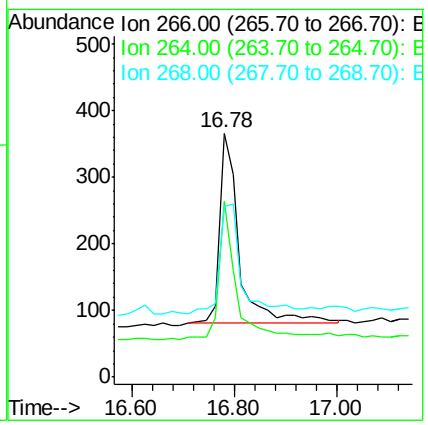


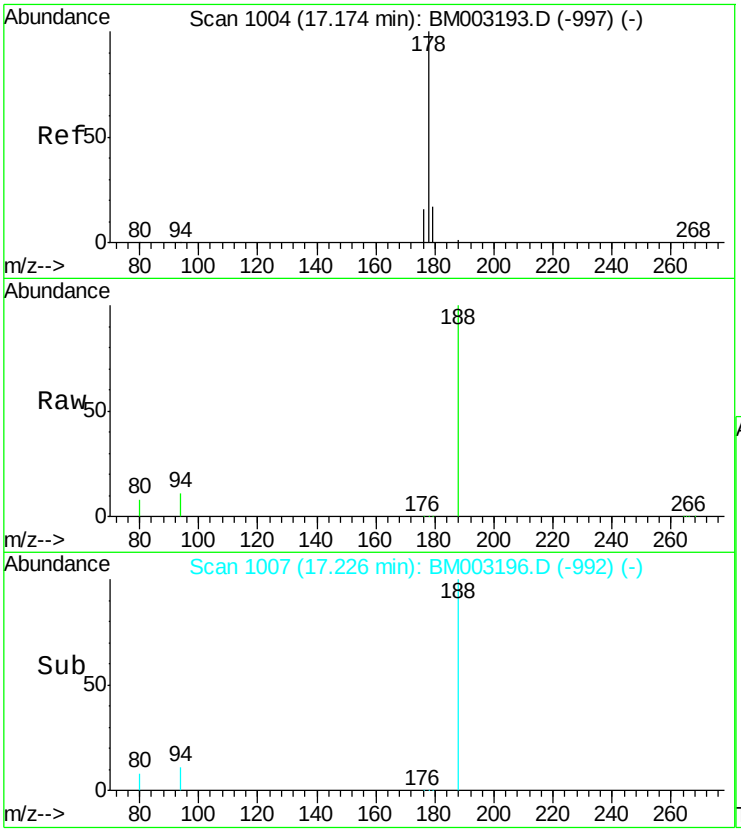


#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Tgt Ion:266 Resp: 748

Ion	Ratio	Lower	Upper
266	100		
264	61.5	0.3	0.5#
268	69.7	0.0	0.0#



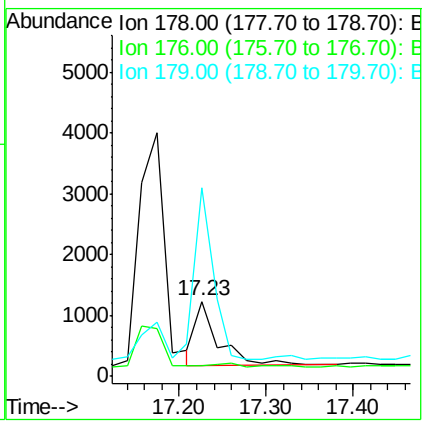


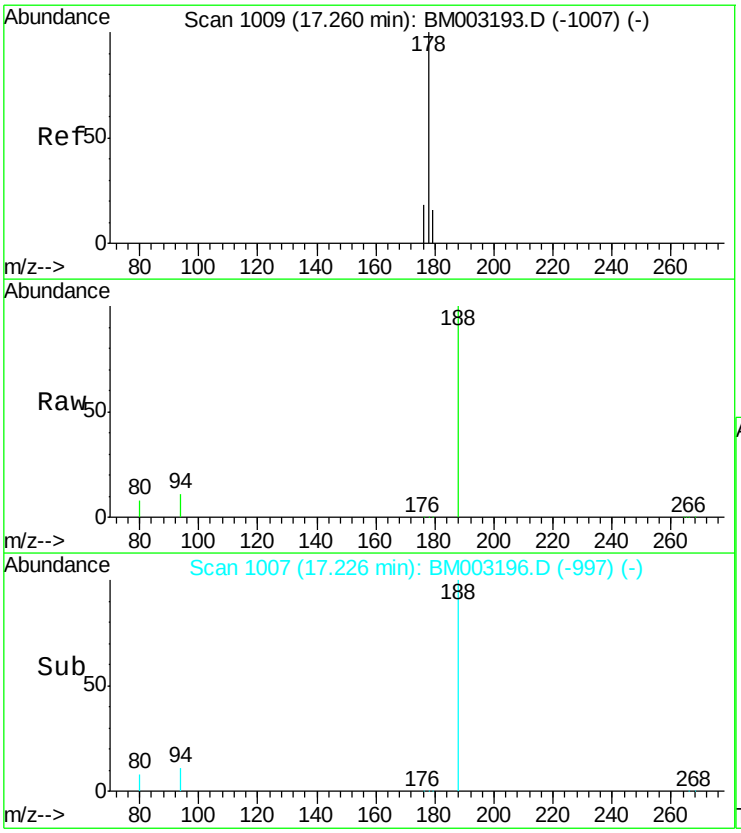
#14
Phenanthrene
Concen: 0.00 ng/ul
RT: 17.23 min Scan# 1007
Delta R.T. 0.05 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Instrument :
BNA_M
ClientSampleId :
A4HT7

Tgt Ion:178 Resp: 1929

Ion	Ratio	Lower	Upper
178	100		
176	14.8	13.0	19.4
179	252.3	14.2	21.2#

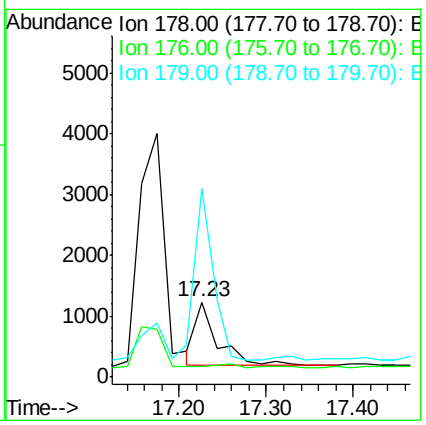


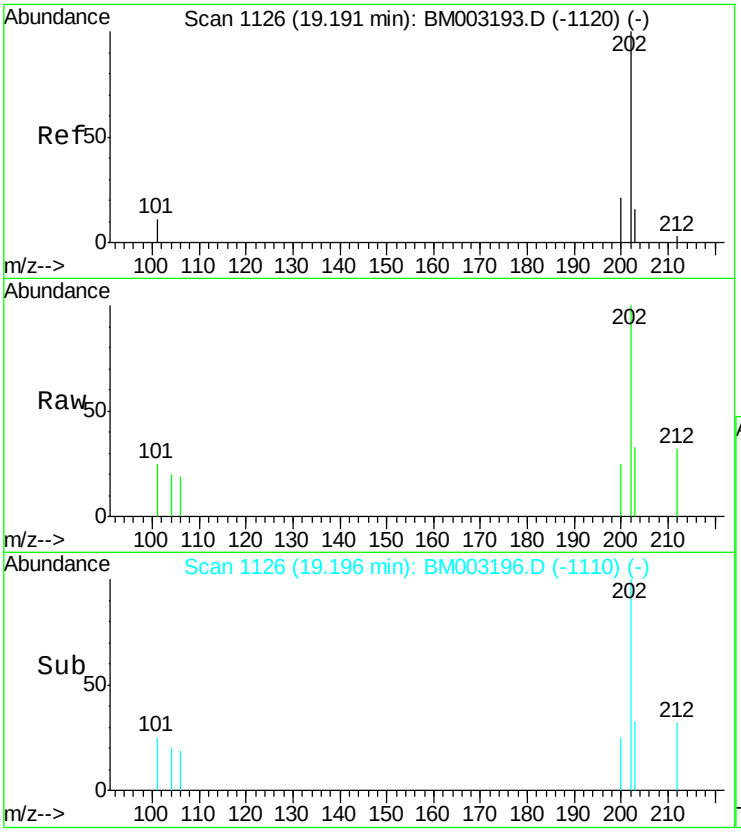


#15
Anthracene
Concen: 0.00 ng/ul
RT: 17.23 min Scan# 1007
Delta R.T. -0.03 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Tgt Ion:178 Resp: 1816

Ion	Ratio	Lower	Upper
178	100		
176	14.8	14.0	21.0
179	252.3	12.9	19.3#



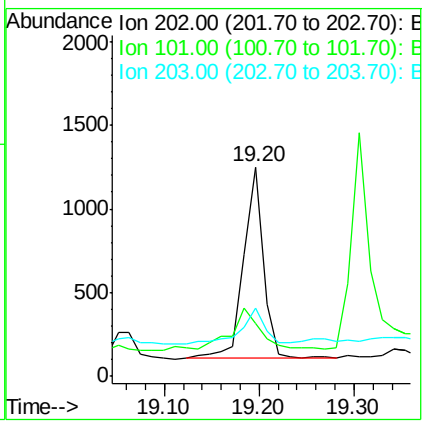


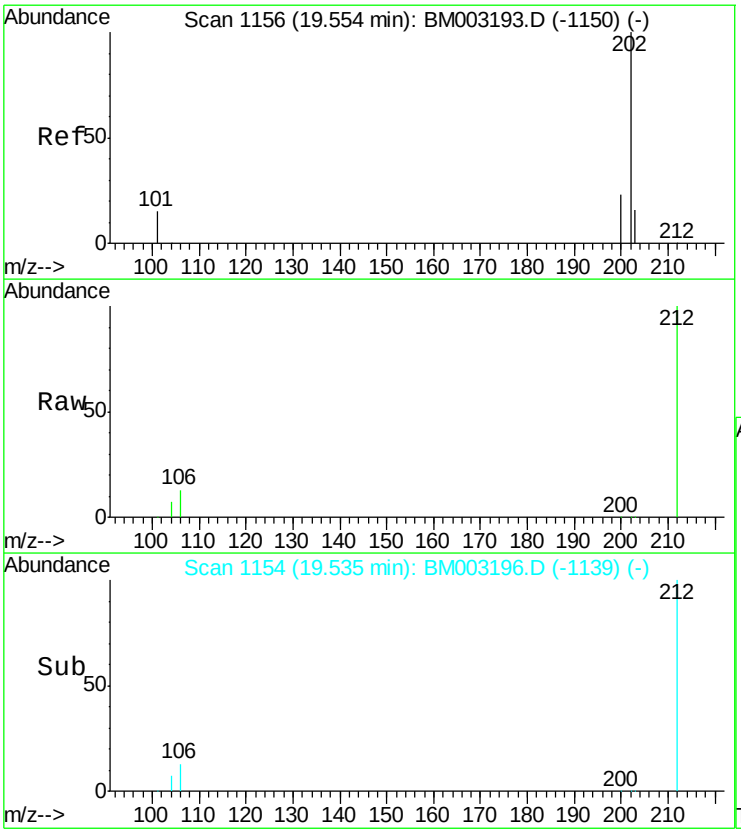
#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.20 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Instrument :
BNA_M
ClientSampleId :
A4HT7

Tgt Ion:202 Resp: 1671

Ion	Ratio	Lower	Upper
202	100		
101	25.4	0.0	29.6
203	32.7	0.0	36.3

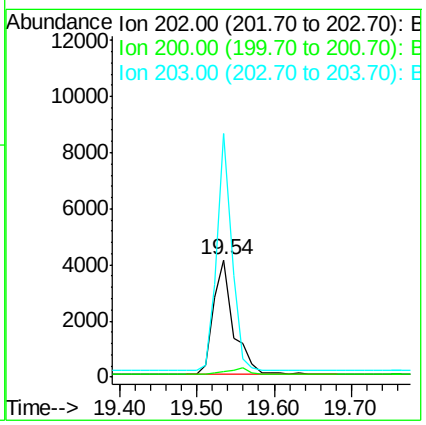


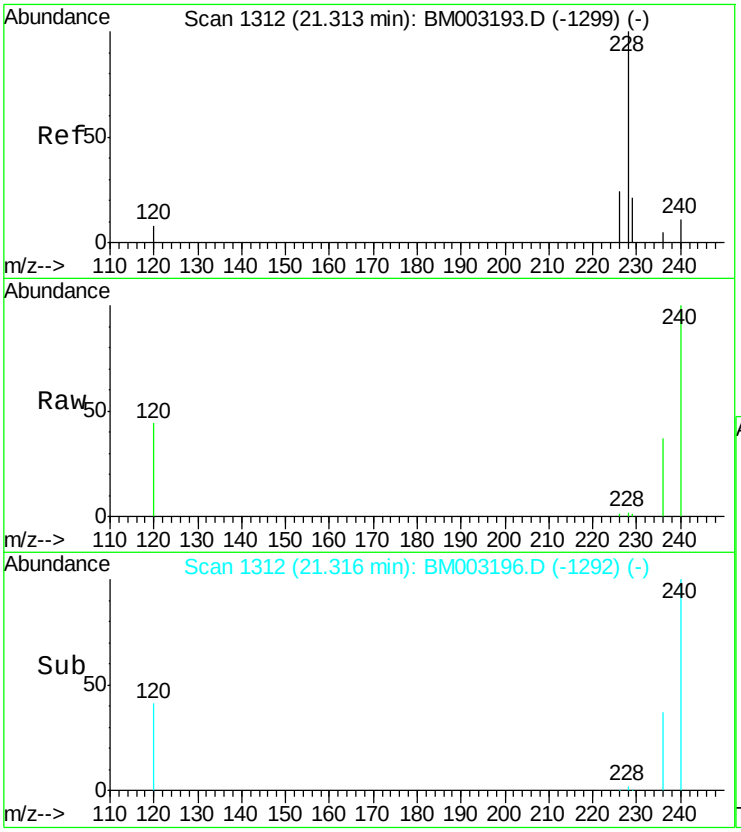


#19
Pyrene
Concen: 0.04 ng/ul
RT: 19.54 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Tgt Ion:202 Resp: 7290

Ion	Ratio	Lower	Upper
202	100		
200	4.7	17.8	26.8#
203	207.3	12.8	19.2#



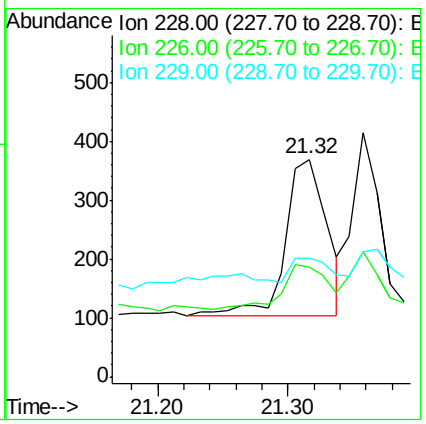


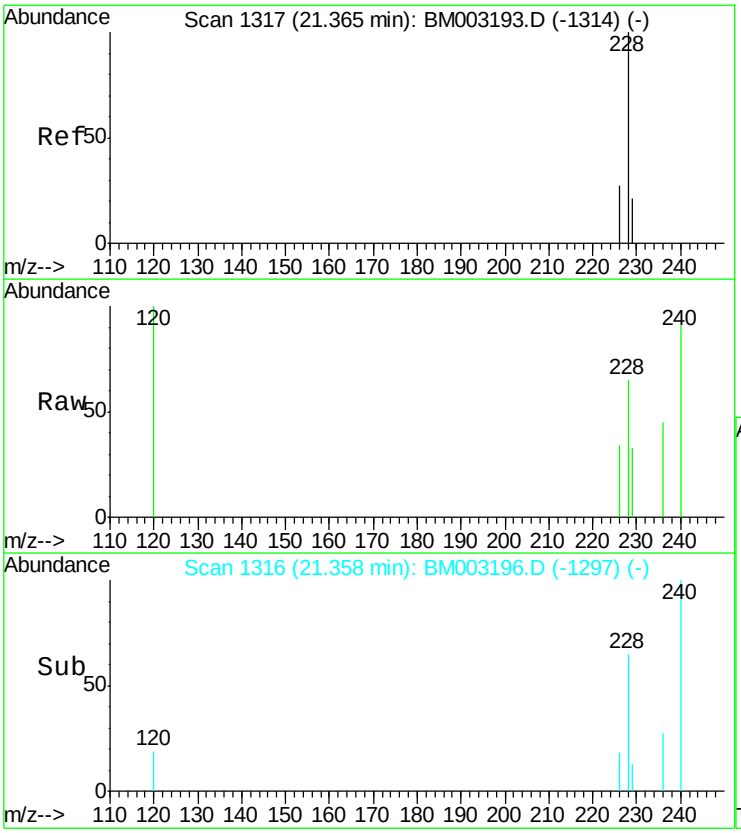
#20
Benzo(a)anthracene
Concen: 0.00 ng/ul
RT: 21.32 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Instrument :
BNA_M
ClientSampleId :
A4HT7

Tgt Ion:228 Resp: 585

Ion	Ratio	Lower	Upper
228	100		
226	50.7	18.8	28.2#
229	54.7	17.1	25.7#

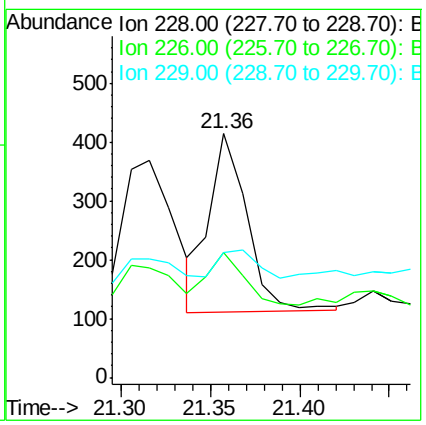


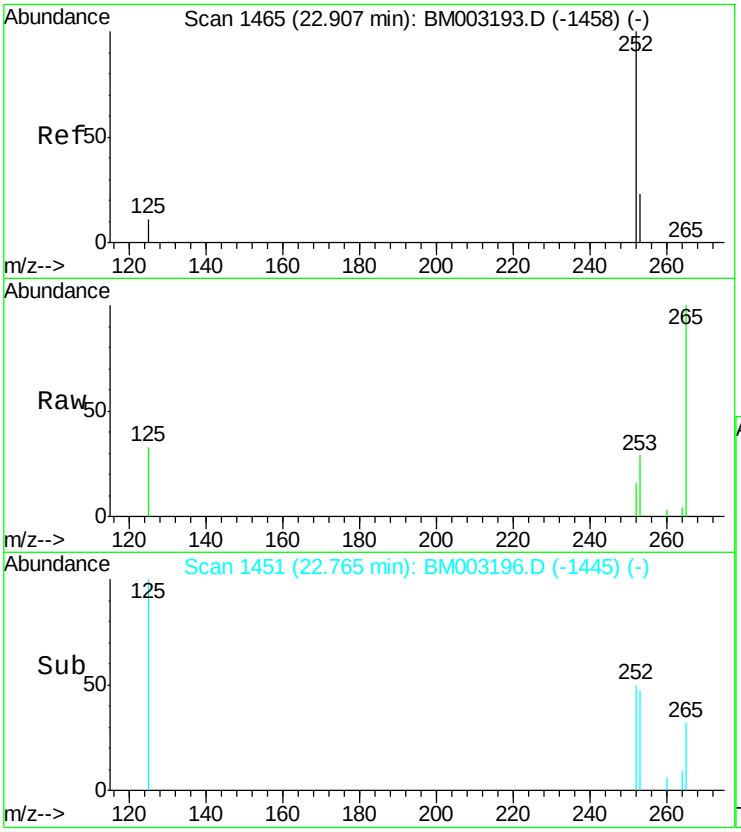


#21
Chrysene
Concen: 0.00 ng/ul
RT: 21.36 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Tgt Ion:228 Resp: 446

Ion	Ratio	Lower	Upper
228	100		
226	51.4	21.2	31.8#
229	51.2	17.0	25.6#



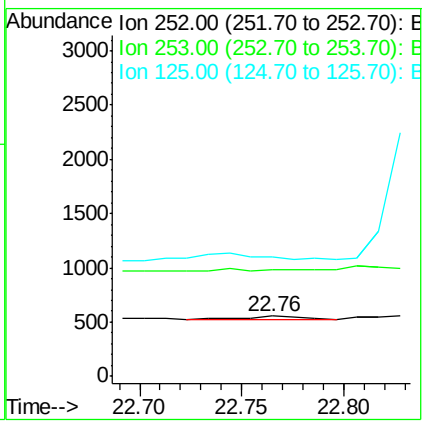


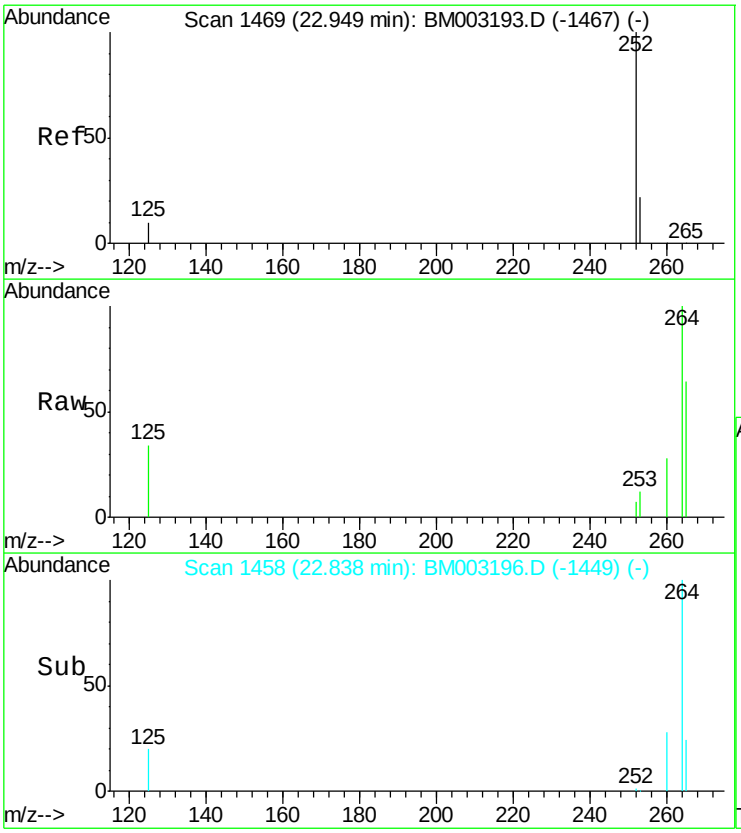
#23
Benzo(b)fluoranthene
Concen: 0.00 ng/ul
RT: 22.76 min Scan# 1451
Delta R.T. -0.14 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Instrument :
BNA_M
ClientSampleId :
A4HT7

Tgt Ion:252 Resp: 64

Ion	Ratio	Lower	Upper
252	100		
253	178.5	0.0	45.4#
125	199.3	0.0	28.8#

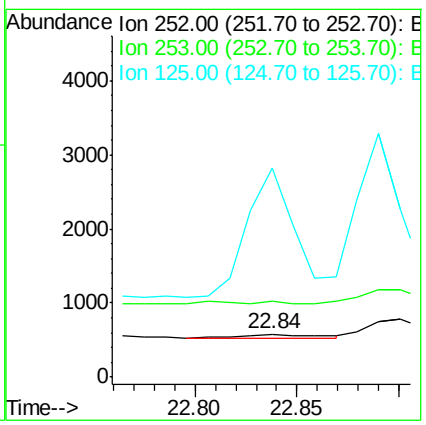


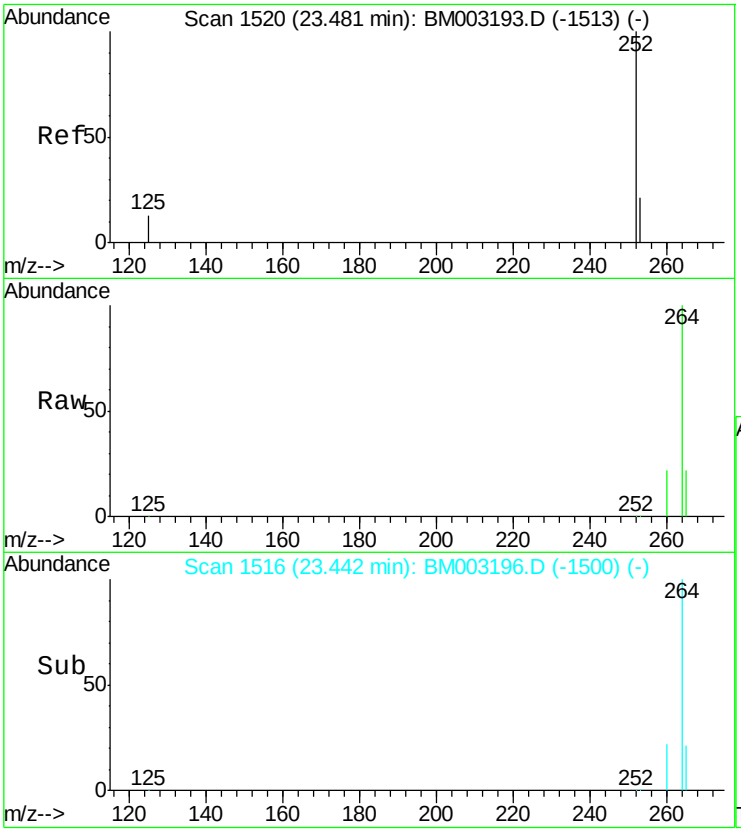


#24
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 22.84 min Scan# 1458
Delta R.T. -0.11 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Tgt Ion:252 Resp: 127

Ion	Ratio	Lower	Upper
252	100		
253	175.7	19.8	29.8#
125	484.7	10.4	15.6#



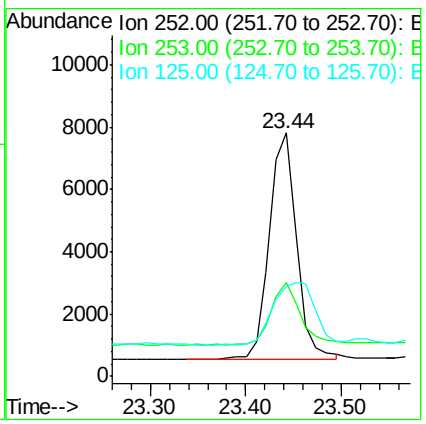


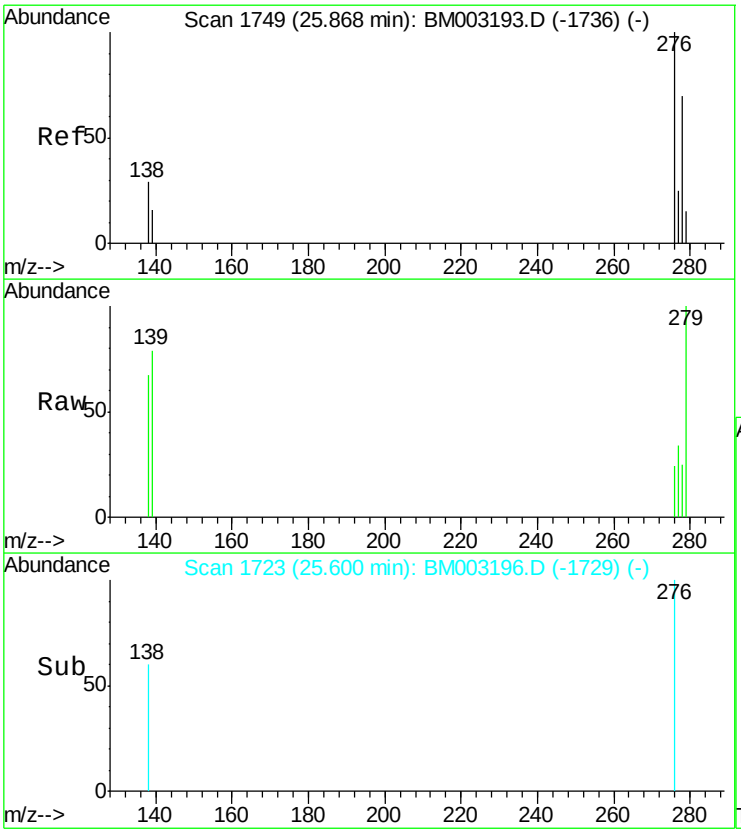
#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.44 min Scan# 1516
Delta R.T. -0.04 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Instrument :
BNA_M
ClientSampleId :
A4HT7

Tgt Ion:252 Resp: 14439

Ion	Ratio	Lower	Upper
252	100		
253	38.6	19.4	29.2#
125	37.0	12.7	19.1#

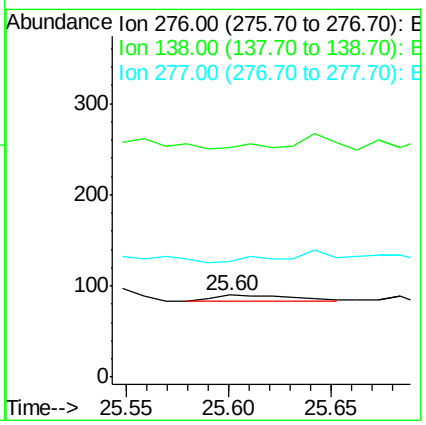


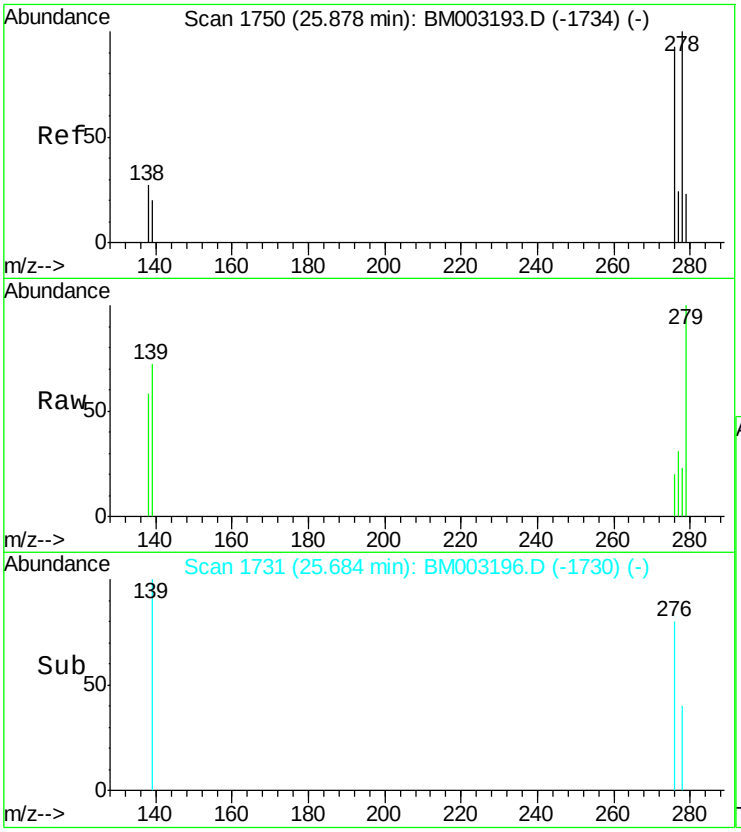


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.60 min Scan# 1723
Delta R.T. -0.27 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Tgt Ion:276 Resp: 19

Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
277	0.0	0.0	0.0



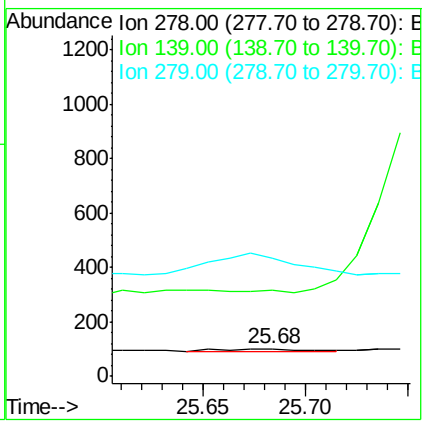


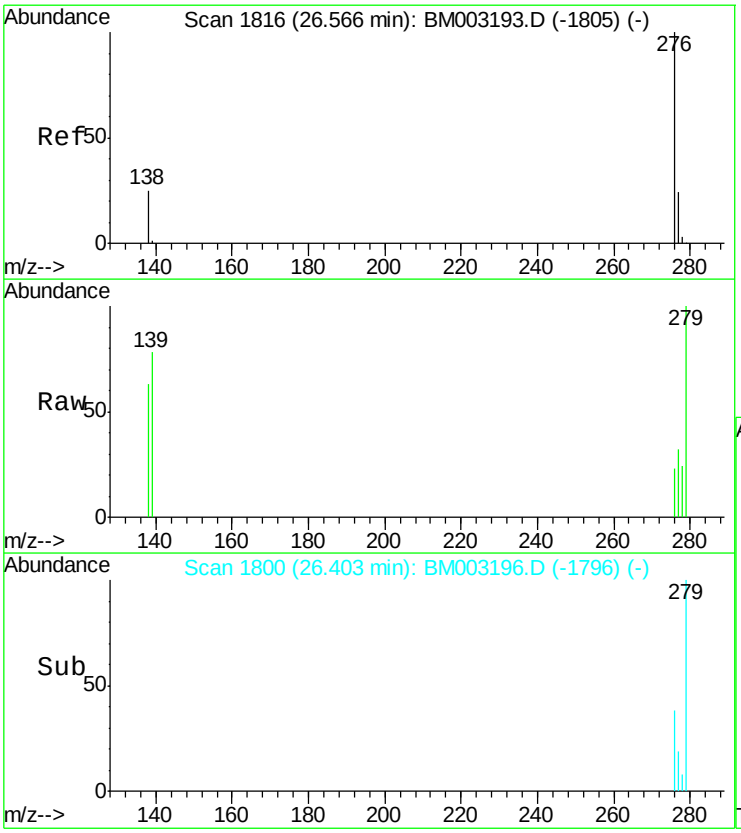
#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.68 min Scan# 1731
Delta R.T. -0.19 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Instrument :
BNA_M
ClientSampleId :
A4HT7

Tgt Ion:278 Resp: 23

Ion	Ratio	Lower	Upper
278	100		
139	312.9	16.4	24.6#
279	431.7	20.2	30.2#





#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.40 min Scan# 1800
Delta R.T. -0.16 min
Lab File: BM003196.D
Acq: 19 Nov 2015 18:54

Tgt Ion:276 Resp: 60

Ion	Ratio	Lower	Upper
276	100		
277	138.9	18.9	28.3#
138	274.7	22.5	33.7#