Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111915\
Data File : BM003199.D
Acq On : 19 Nov 2015 20:43
Operator : UM/IZ
Sample : G4323-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4HW0

Quant Time: Nov 20 03:40:54 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	16849	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	67254	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	36119	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	3813229	0.40	ng/ul	0.10
18) Chrysene-d12	21.32	240	59244	0.40	ng/ul	-0.01
22) Perylene-d12	23.44	264	3341993	0.40	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	75964	4.22	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	22153	0.24	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	39385	0.00	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.58	128	2516	0.01	ng/ul#	84
7) 2-Methylnaphthalene	12.19	142	336	0.00	ng/ul#	100
9) Acenaphthylene	14.07	152	405	0.00	ng/ul#	1
10) Acenaphthene	14.45	153	439	0.00	ng/ul#	83
11) Fluorene	15.49	166	359	0.00	ng/ul#	1
13) Pentachlorophenol	16.78	266	564	0.00	ng/ul#	21
14) Phenanthrene	17.23	178	1864	0.00	ng/ul#	1
15) Anthracene	17.23	178	1629	0.00	ng/ul#	1
17) Fluoranthene	19.19	202	1151	0.00	ng/ul	55
19) Pyrene	19.53	202	6749	0.03	ng/ul#	1
20) Benzo(a)anthracene	21.31	228	613	0.00	ng/ul#	40
21) Chrysene	21.35	228	353	0.00	ng/ul#	46
23) Benzo(b)fluoranthene	22.77	252	33	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.83	252	114	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.44	252	12671	0.00	ng/ul#	62
26) Indeno(1,2,3-cd)pyrene	25.68	276	14	0.00	ng/ul#	100
27) Dibenzo(a,h)anthracene	25.68	278	64	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.39	276	33	0.00	ng/ul#	1

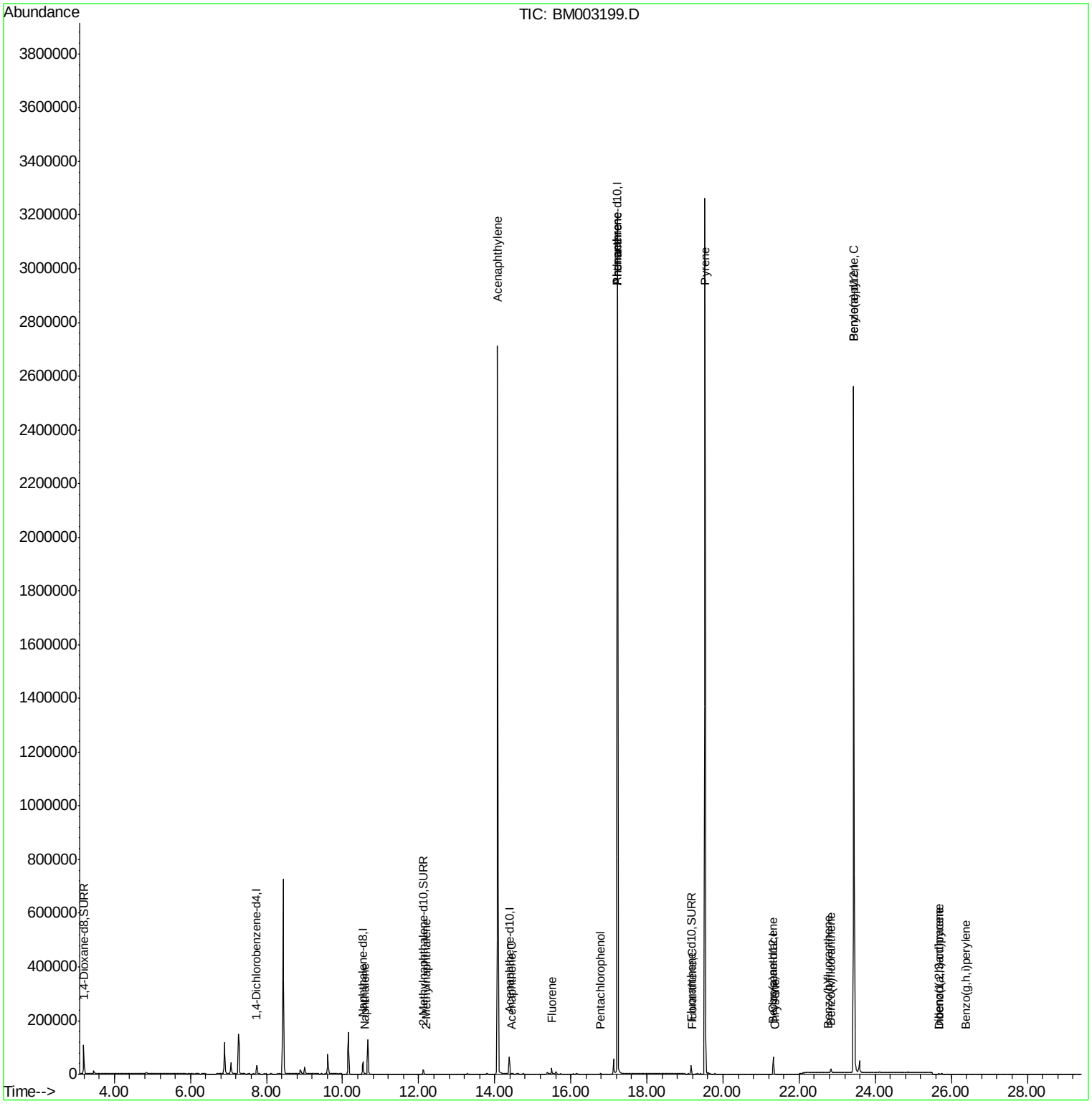
(#) = qualifier out of range (m) = manual integration (+) = signals summed

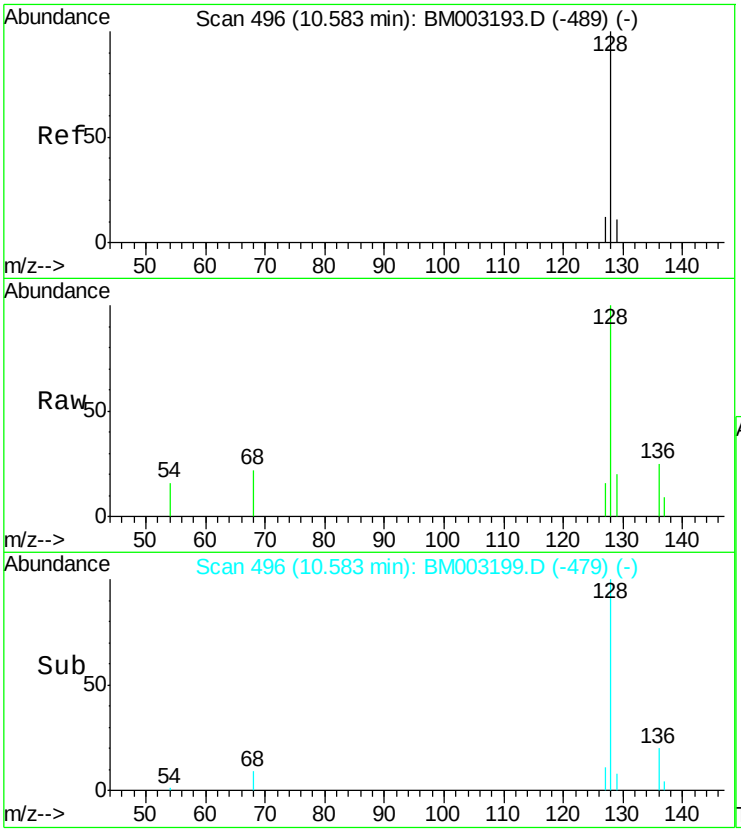
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111915\
Data File : BM003199.D
Acq On : 19 Nov 2015 20:43
Operator : UM/IZ
Sample : G4323-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4HW0

Quant Time: Nov 20 03:40:54 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



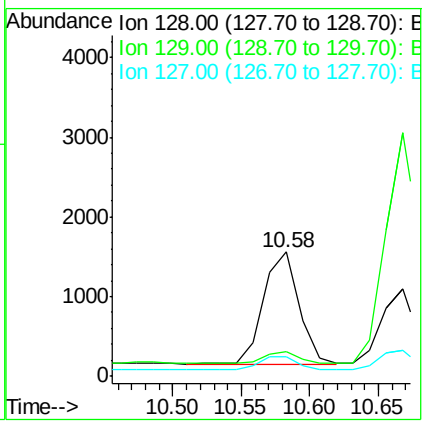


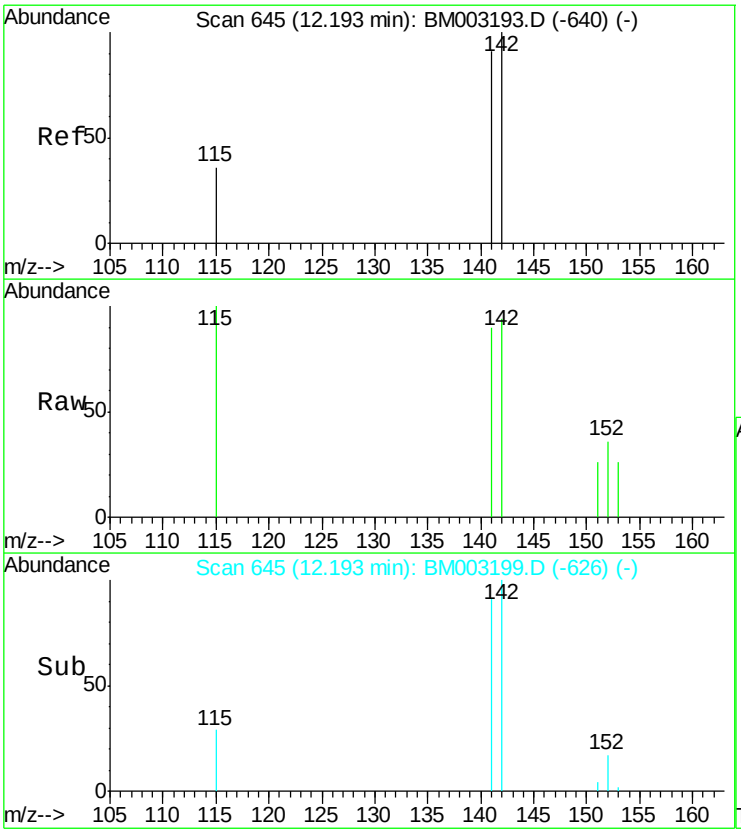
#5
Naphthalene
Concen: 0.01 ng/ul
RT: 10.58 min Scan# 496
Delta R.T. 0.00 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Instrument :
BNA_M
ClientSampleId :
A4HW0

Tgt Ion:128 Resp: 2516

Ion	Ratio	Lower	Upper
128	100		
129	19.8	9.0	13.6#
127	15.9	9.6	14.4#

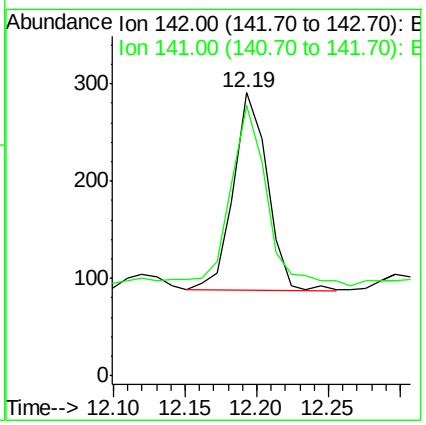


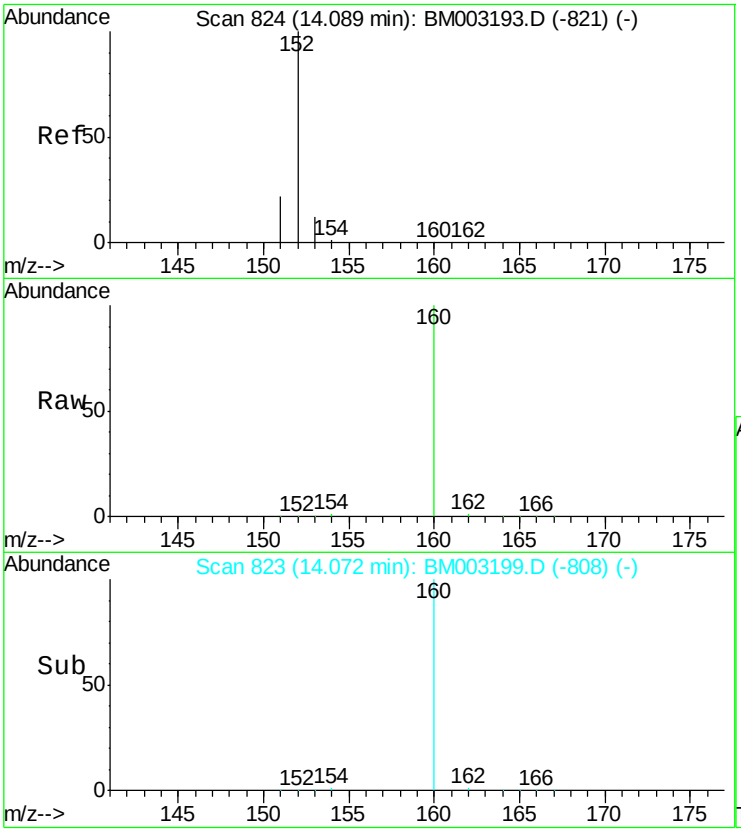


#7
2-Methylnaphthalene
Concen: 0.00 ng/ul
RT: 12.19 min Scan# 645
Delta R.T. 0.00 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Tgt Ion:142 Resp: 336

Ion	Ratio	Lower	Upper
142	100		
141	97.0	0.0	0.0#



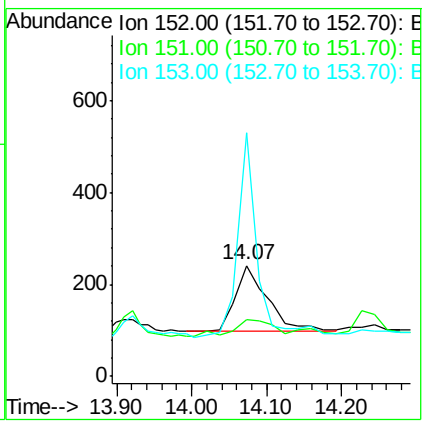


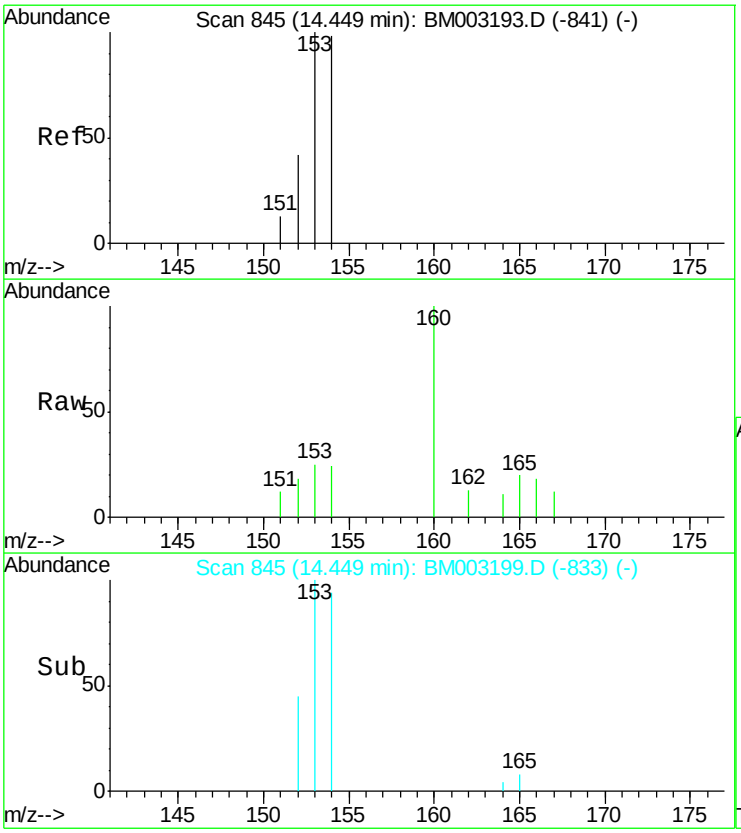
#9
Acenaphthylene
Concen: 0.00 ng/ul
RT: 14.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Instrument :
BNA_M
ClientSampleId :
A4HW0

Tgt Ion:152 Resp: 405

Ion	Ratio	Lower	Upper
152	100		
151	51.0	17.6	26.4#
153	219.9	9.7	14.5#

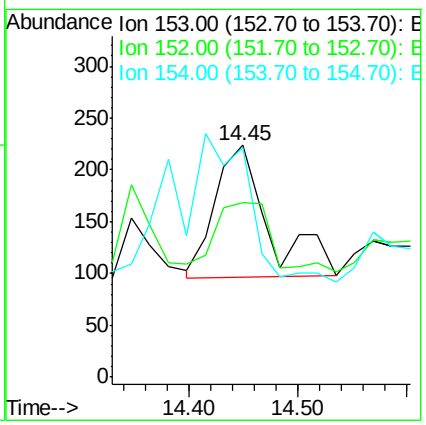


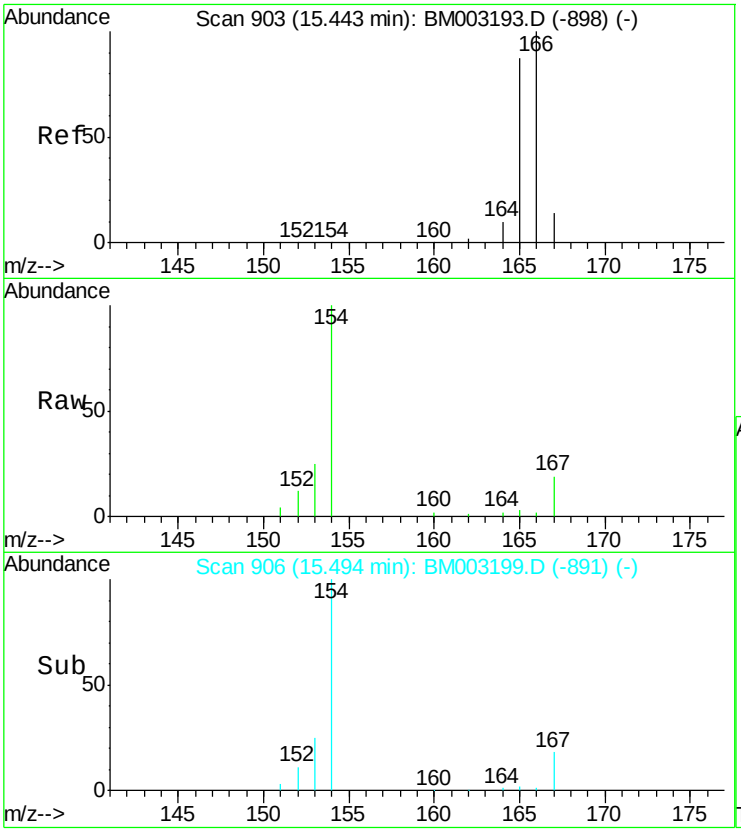


#10
Acenaphthene
Concen: 0.00 ng/ul
RT: 14.45 min Scan# 845
Delta R.T. 0.00 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Tgt Ion:153 Resp: 439

Ion	Ratio	Lower	Upper
153	100		
152	75.4	33.9	50.9#
154	98.7	80.6	121.0



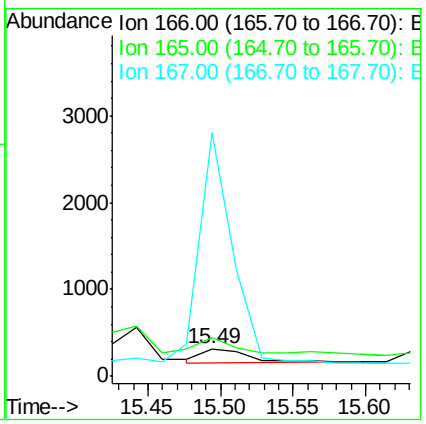


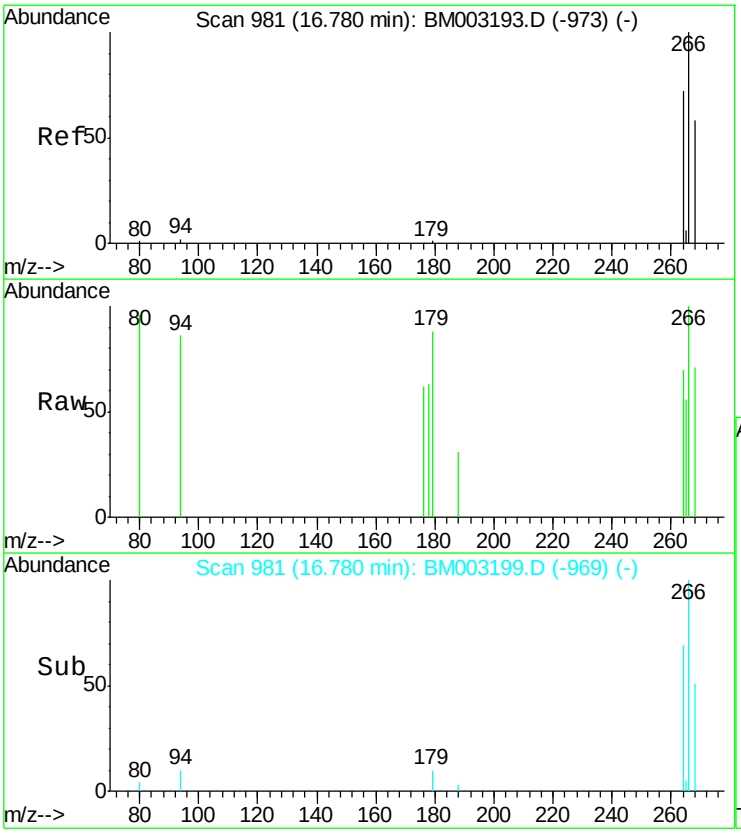
#11
Fluorene
Concen: 0.00 ng/ul
RT: 15.49 min Scan# 906
Delta R.T. 0.05 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Instrument :
BNA_M
ClientSampleId :
A4HW0

Tgt Ion:166 Resp: 359

Ion	Ratio	Lower	Upper
166	100		
165	141.3	69.6	104.4#
167	875.6	11.9	17.9#

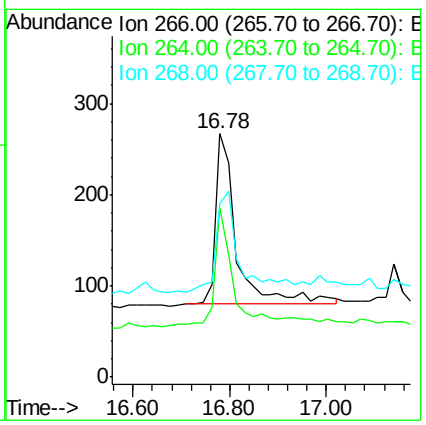


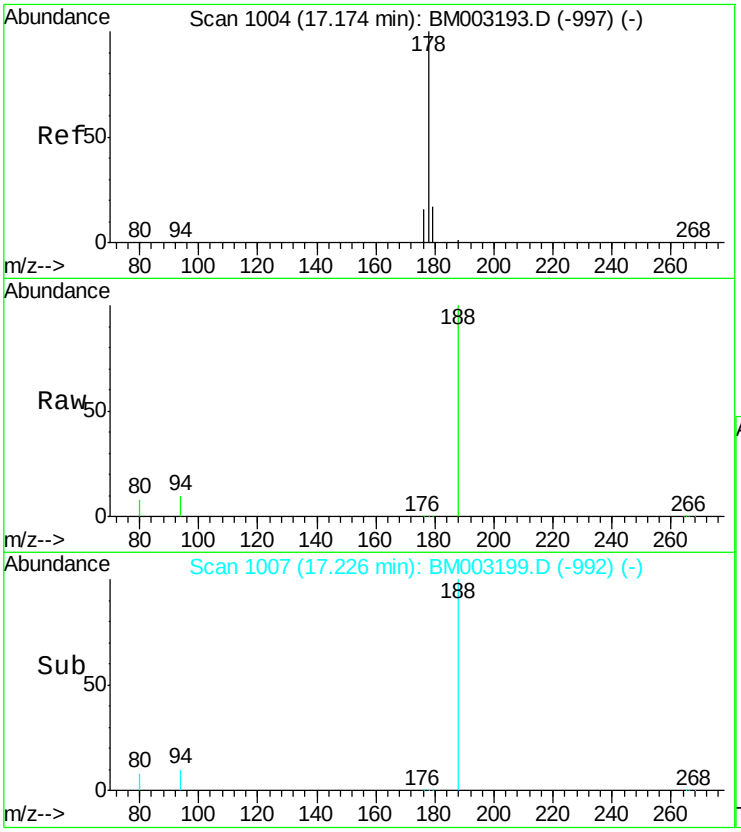


#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Tgt Ion:266 Resp: 564

Ion	Ratio	Lower	Upper
266	100		
264	59.9	0.3	0.5#
268	69.3	0.0	0.0#



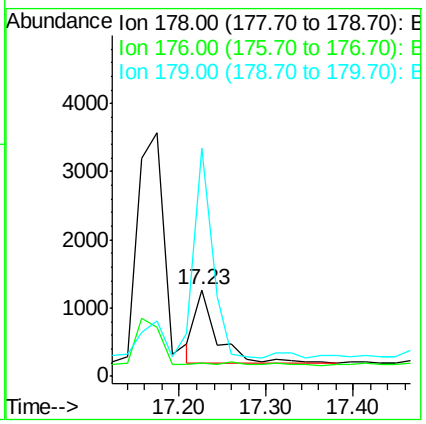


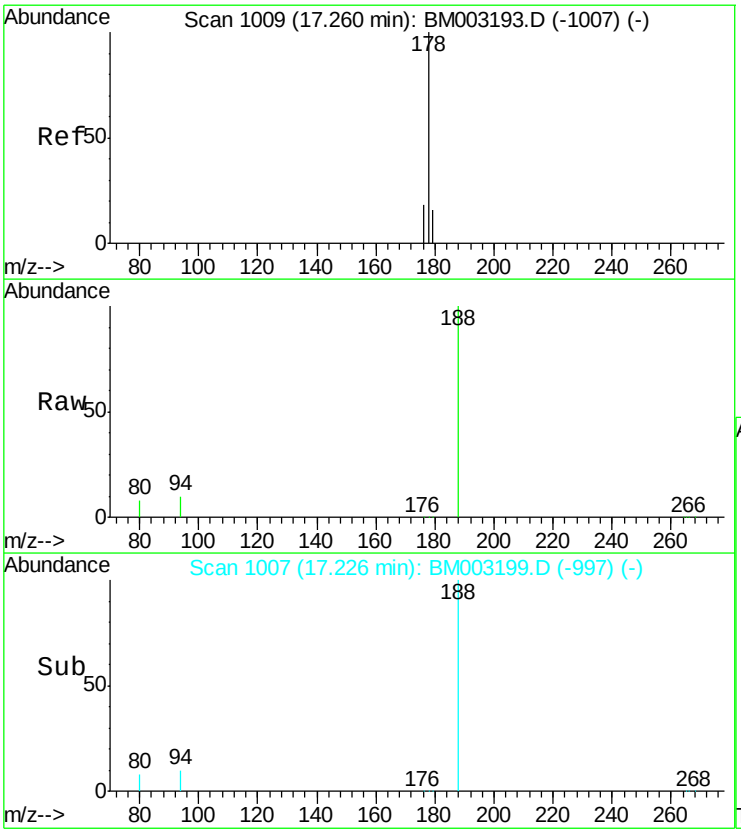
#14
Phenanthrene
Concen: 0.00 ng/ul
RT: 17.23 min Scan# 1007
Delta R.T. 0.05 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Instrument :
BNA_M
ClientSampleId :
A4HW0

Tgt Ion:178 Resp: 1864

Ion	Ratio	Lower	Upper
178	100		
176	15.0	13.0	19.4
179	264.9	14.2	21.2#

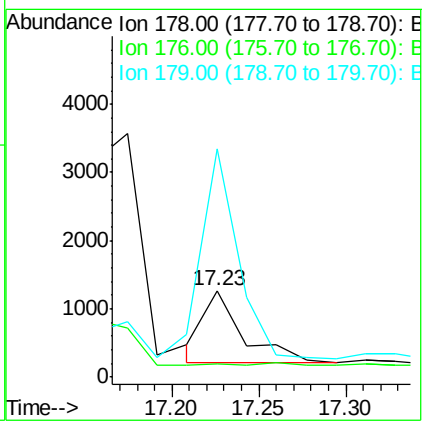


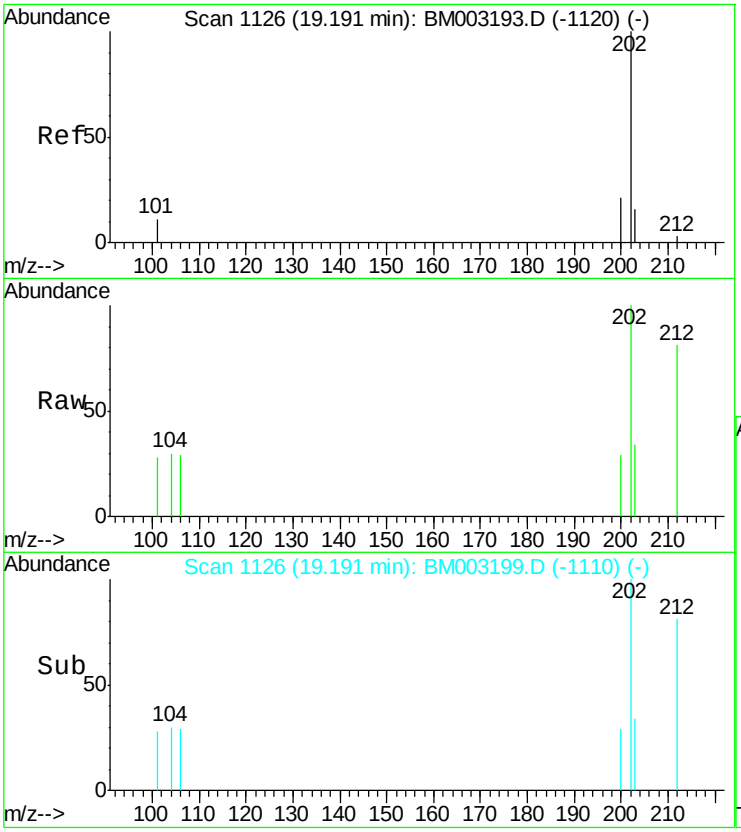


#15
Anthracene
Concen: 0.00 ng/ul
RT: 17.23 min Scan# 1007
Delta R.T. -0.03 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Tgt Ion:178 Resp: 1629

Ion	Ratio	Lower	Upper
178	100		
176	15.0	14.0	21.0
179	264.9	12.9	19.3#



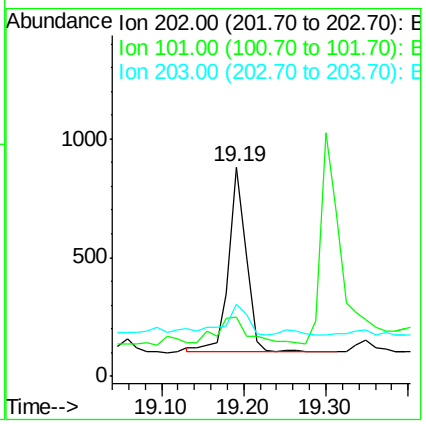


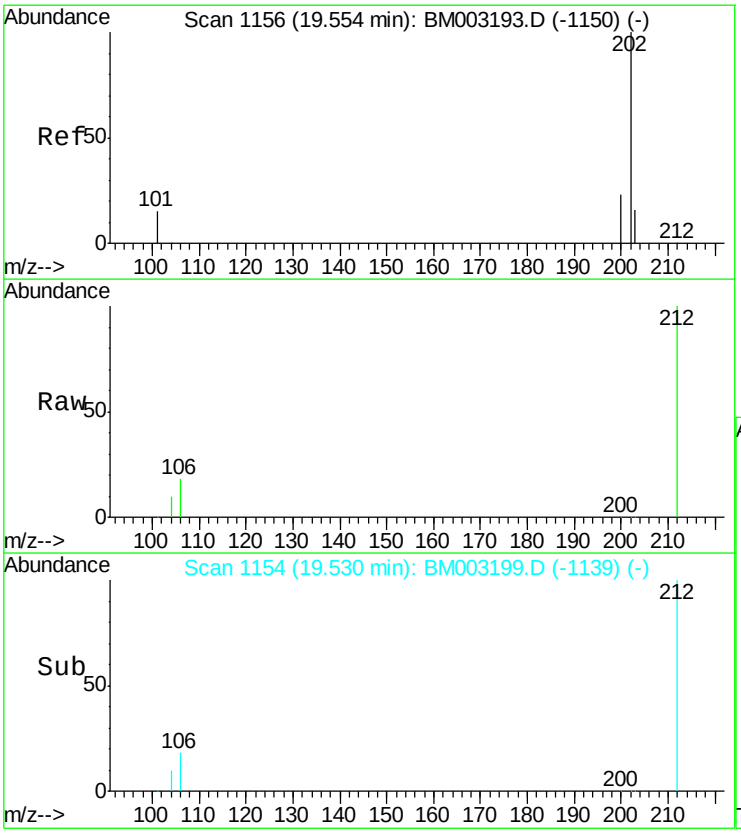
#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.19 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Instrument :
BNA_M
ClientSampleId :
A4HW0

Tgt Ion:202 Resp: 1151

Ion	Ratio	Lower	Upper
202	100		
101	28.0	0.0	29.6
203	34.1	0.0	36.3

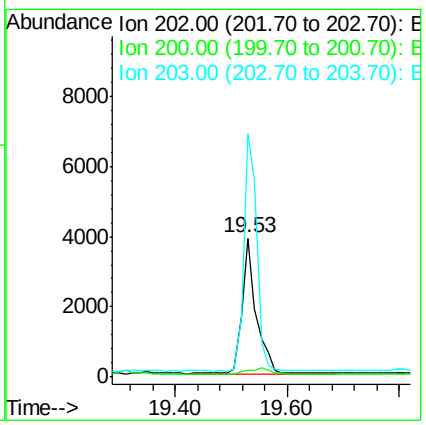


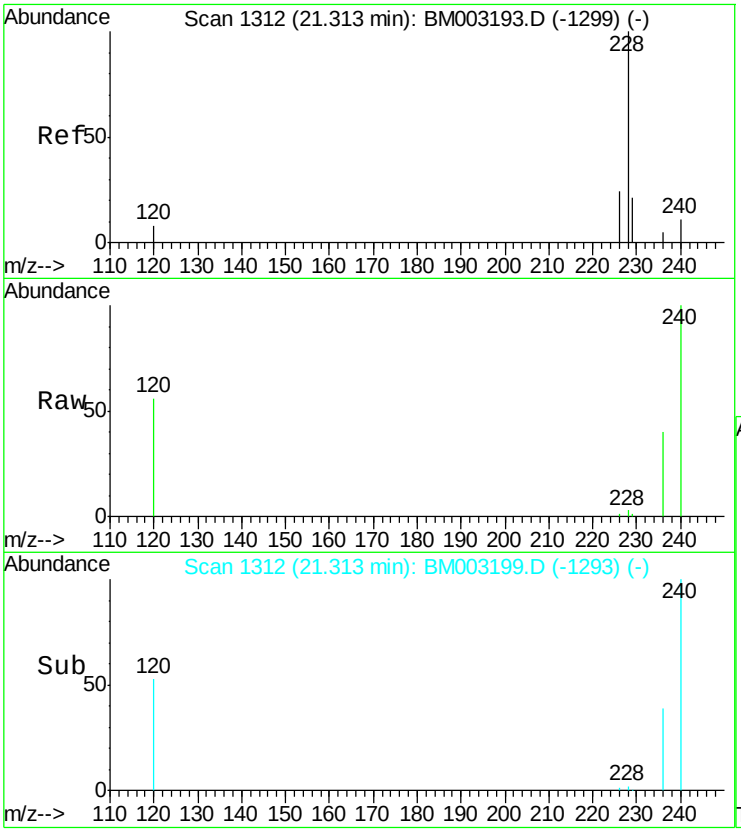


#19
Pyrene
Concen: 0.03 ng/ul
RT: 19.53 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Tgt Ion:202 Resp: 6749

Ion	Ratio	Lower	Upper
202	100		
200	4.7	17.8	26.8#
203	175.1	12.8	19.2#



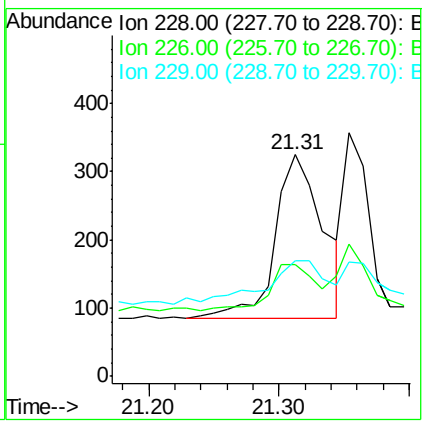


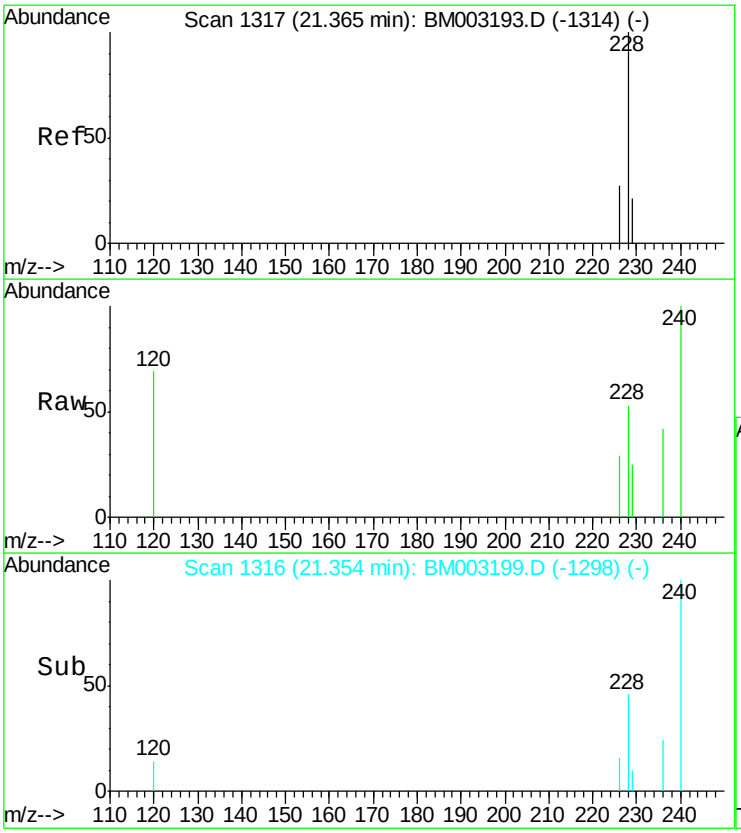
#20
Benzo(a)anthracene
Concen: 0.00 ng/ul
RT: 21.31 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Instrument :
BNA_M
ClientSampleId :
A4HW0

Tgt Ion:228 Resp: 613

Ion	Ratio	Lower	Upper
228	100		
226	50.5	18.8	28.2#
229	52.0	17.1	25.7#

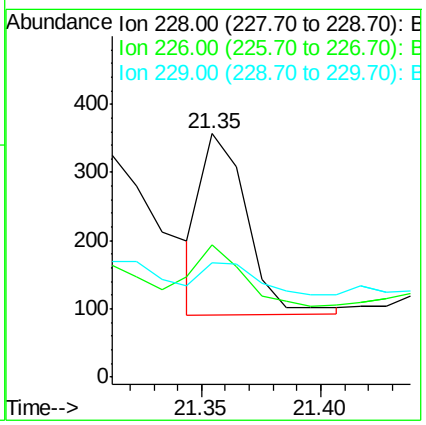


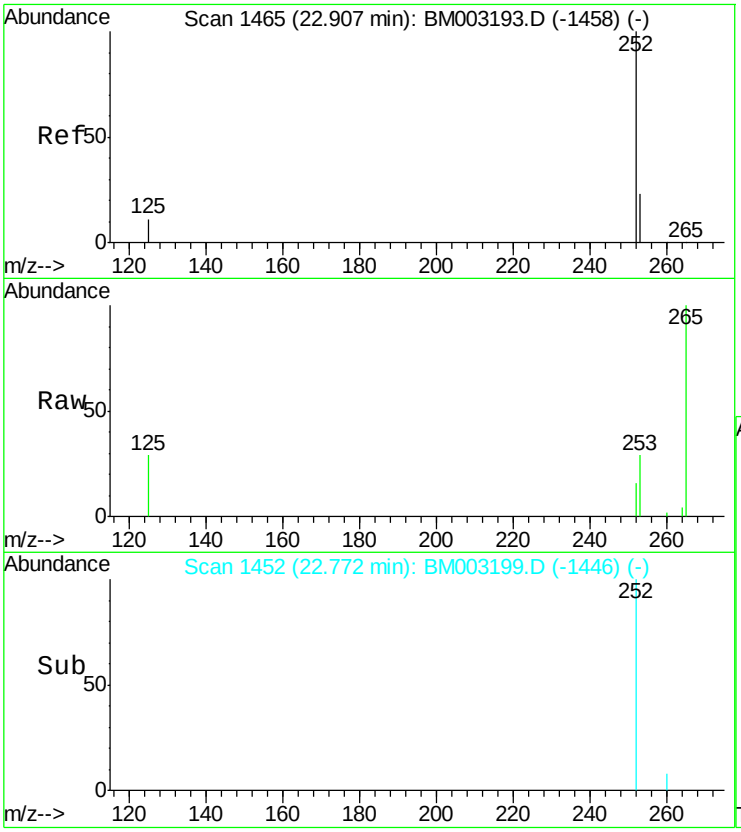


#21
Chrysene
Concen: 0.00 ng/ul
RT: 21.35 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Tgt Ion:228 Resp: 353

Ion	Ratio	Lower	Upper
228	100		
226	54.1	21.2	31.8#
229	46.8	17.0	25.6#



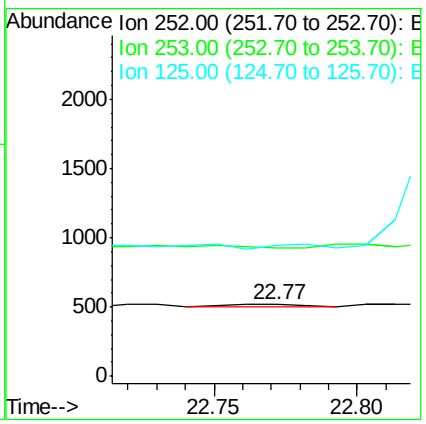


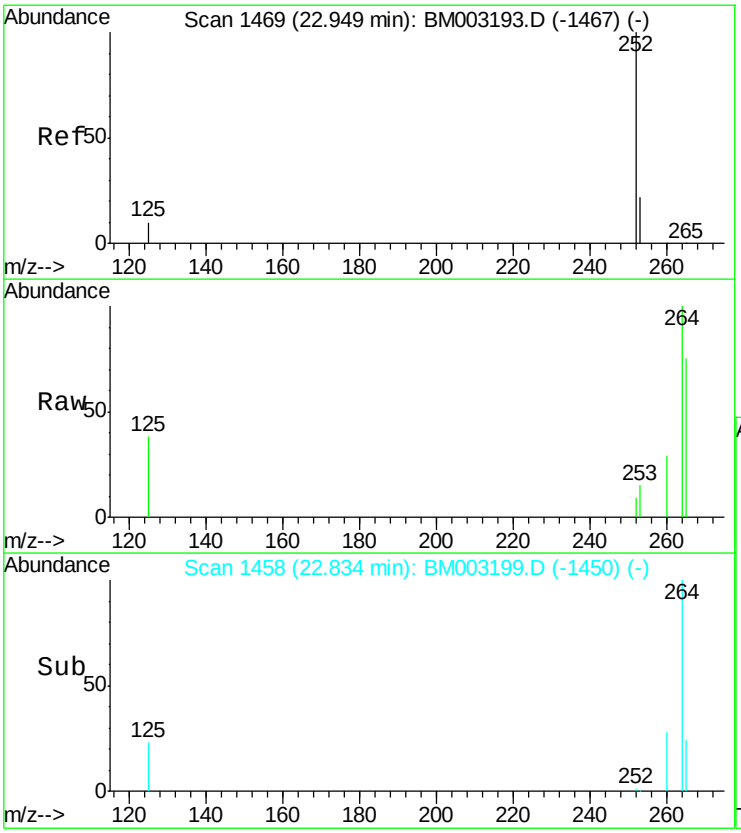
#23
Benzo(b)fluoranthene
Concen: 0.00 ng/ul
RT: 22.77 min Scan# 1452
Delta R.T. -0.14 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Instrument :
BNA_M
ClientSampleId :
A4HW0

Tgt Ion:252 Resp: 33

Ion	Ratio	Lower	Upper
252	100		
253	179.5	0.0	45.4#
125	181.7	0.0	28.8#

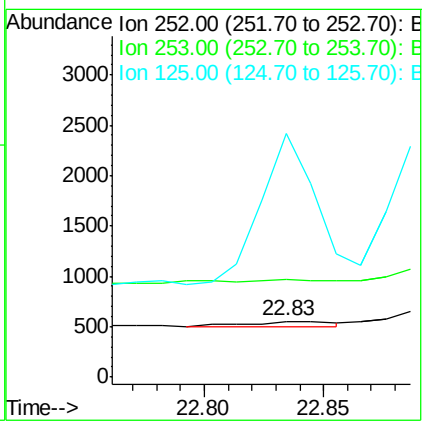


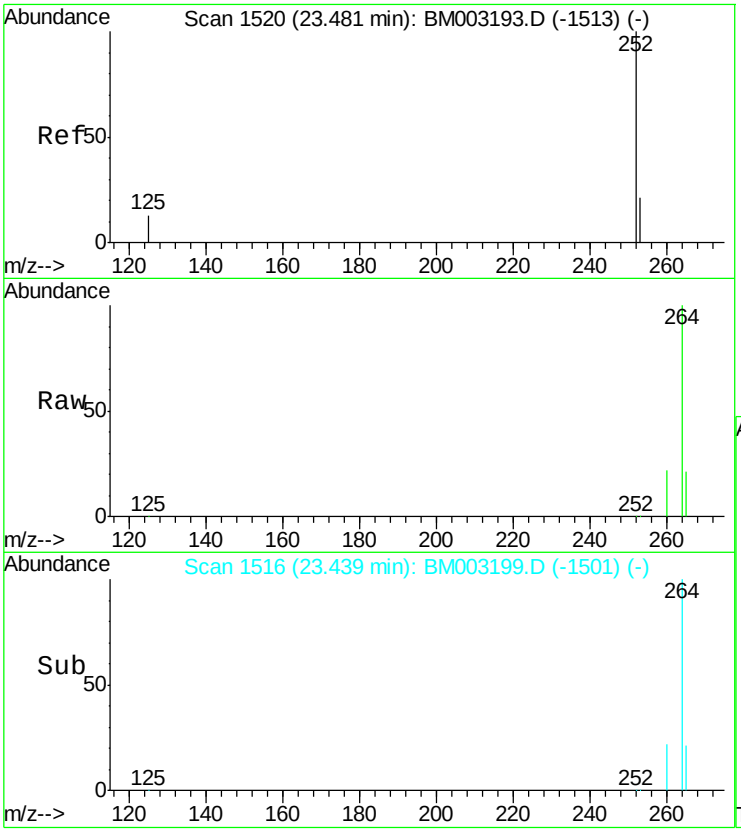


#24
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 22.83 min Scan# 1458
Delta R.T. -0.11 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Tgt Ion:252 Resp: 114

Ion	Ratio	Lower	Upper
252	100		
253	174.6	19.8	29.8#
125	437.9	10.4	15.6#



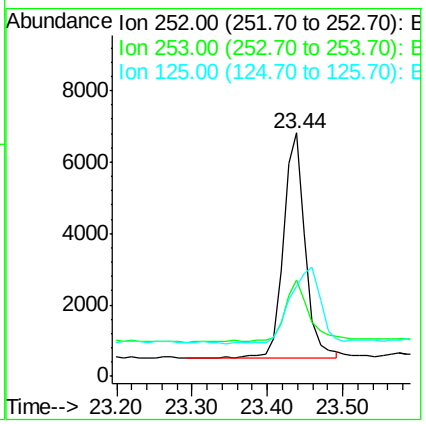


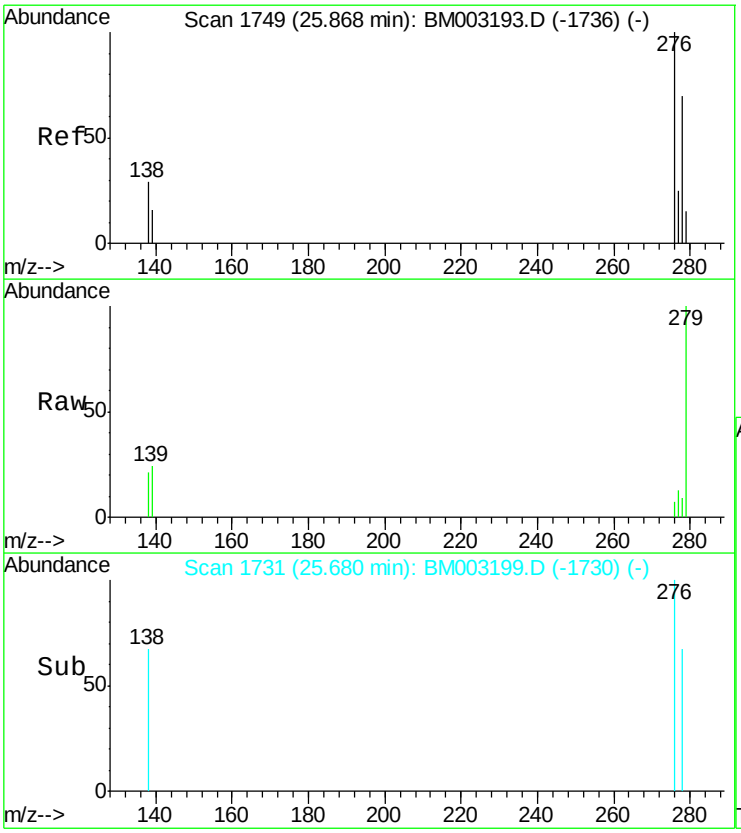
#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.44 min Scan# 1516
Delta R.T. -0.04 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Instrument :
BNA_M
ClientSampleId :
A4HW0

Tgt Ion:252 Resp: 12671

Ion	Ratio	Lower	Upper
252	100		
253	39.6	19.4	29.2#
125	36.9	12.7	19.1#

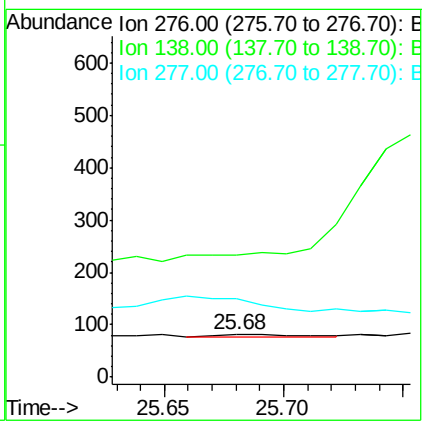


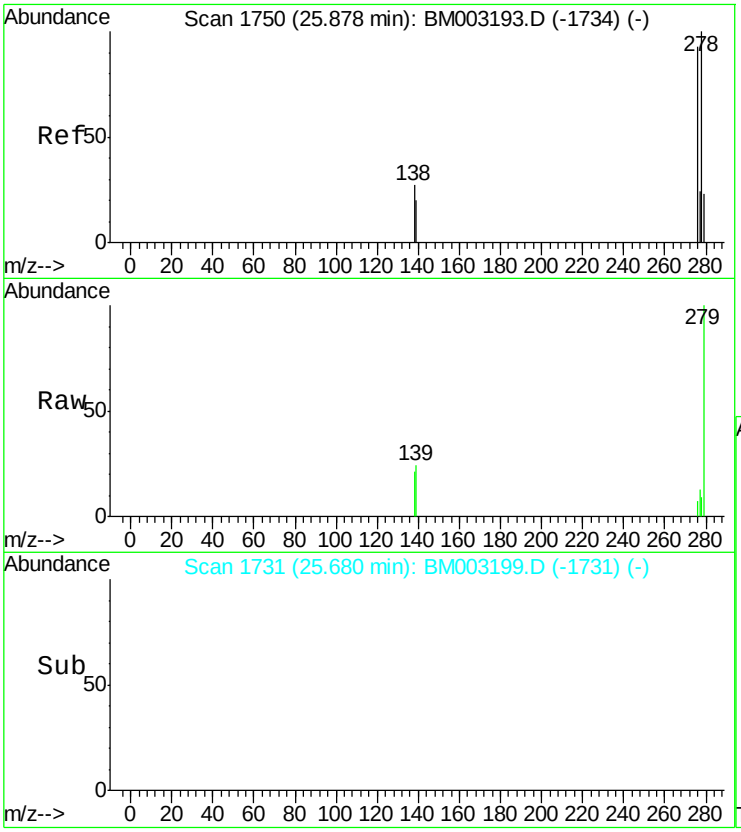


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.68 min Scan# 1731
Delta R.T. -0.19 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Tgt Ion:276 Resp: 14

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



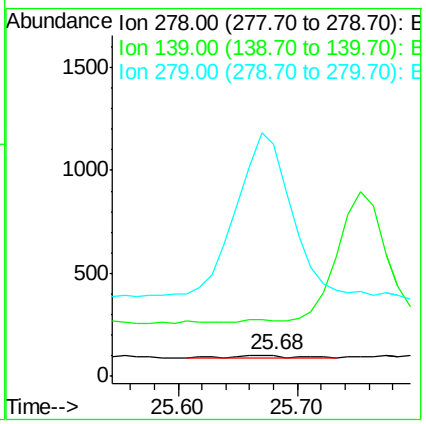


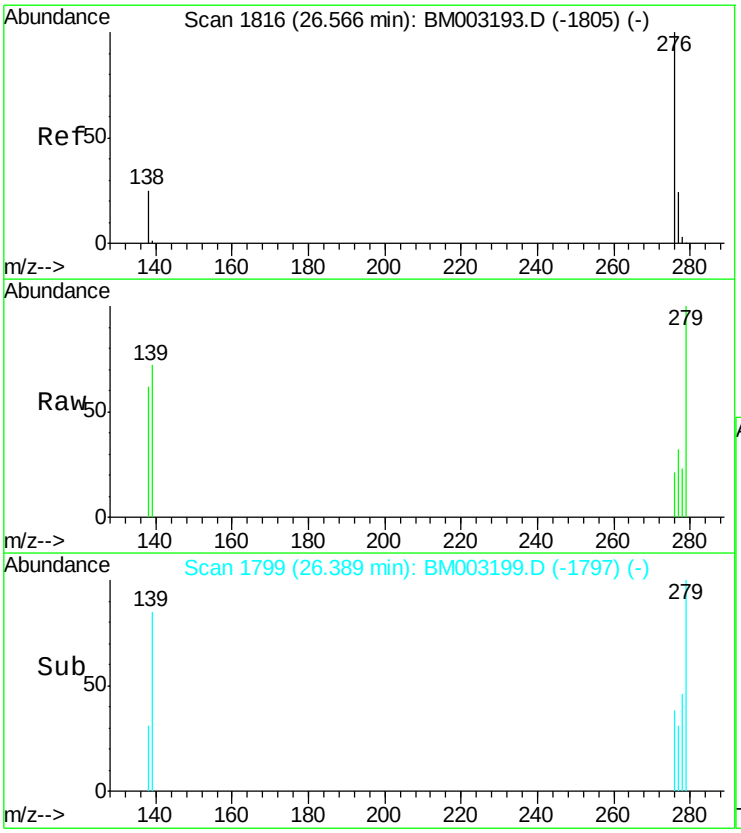
#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.68 min Scan# 1731
Delta R.T. -0.20 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Instrument :
BNA_M
ClientSampleId :
A4HW0

Tgt Ion:278 Resp: 64

Ion	Ratio	Lower	Upper
278	100		
139	261.2	16.4	24.6#
279	1094.2	20.2	30.2#





#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.39 min Scan# 1799
Delta R.T. -0.18 min
Lab File: BM003199.D
Acq: 19 Nov 2015 20:43

Tgt Ion:276 Resp: 33

Ion	Ratio	Lower	Upper
276	100		
277	149.4	18.9	28.3#
138	287.1	22.5	33.7#