Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121615\
Data File : BM003583.D
Acq On : 16 Dec 2015 18:30
Operator : UM/IZ
Sample : G4767-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9N29

Quant Time: Dec 17 03:00:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 02:56:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	5237	0.40	ng/ul	0.00
4) Naphthalene-d8	10.51	136	22561	0.40	ng/ul	0.01
8) Acenaphthene-d10	14.35	164	49633	0.40	ng/ul	-0.02
12) Phenanthrene-d10	17.12	188	27893	0.40	ng/ul	0.02
18) Chrysene-d12	21.31	240	31008	0.40	ng/ul	0.00
22) Perylene-d12	23.42	264	678085	0.40	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	13061	5.83	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.10	152	4928	0.18	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	7788	0.13	ng/ul	0.10
Target Compounds						Qvalue
5) Naphthalene	10.57	128	15541318	305.77	ng/ul#	93
7) 2-Methylnaphthalene	12.18	142	8810896	258.22	ng/ul	96
9) Acenaphthylene	14.07	152	1220861	6.44	ng/ul#	93
10) Acenaphthene	14.43	153	13063376	85.49	ng/ul#	83
11) Fluorene	15.44	166	12961181	76.51	ng/ul	95
13) Pentachlorophenol	16.80	266	358	0.09	ng/ul	96
14) Phenanthrene	17.19	178	30717693	426.97	ng/ul#	81
15) Anthracene	17.26	178	10266106	164.95	ng/ul#	90
17) Fluoranthene	19.21	202	20924119	267.82	ng/ul	85
19) Pyrene	19.57	202	15971372	190.80	ng/ul#	86
20) Benzo(a)anthracene	21.29	228	4679399	61.81	ng/ul#	90
21) Chrysene	21.36	228	3582179	41.30	ng/ul	95
24) Benzo(k)fluoranthene	22.89	252	2840006	1.35	ng/ul	97
25) Benzo(a)pyrene	23.37	252	774615	0.40	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	25.66	276	7588	0.00	ng/ul#	48
27) Dibenzo(a,h)anthracene	25.83	278	61116	0.03	ng/ul	98

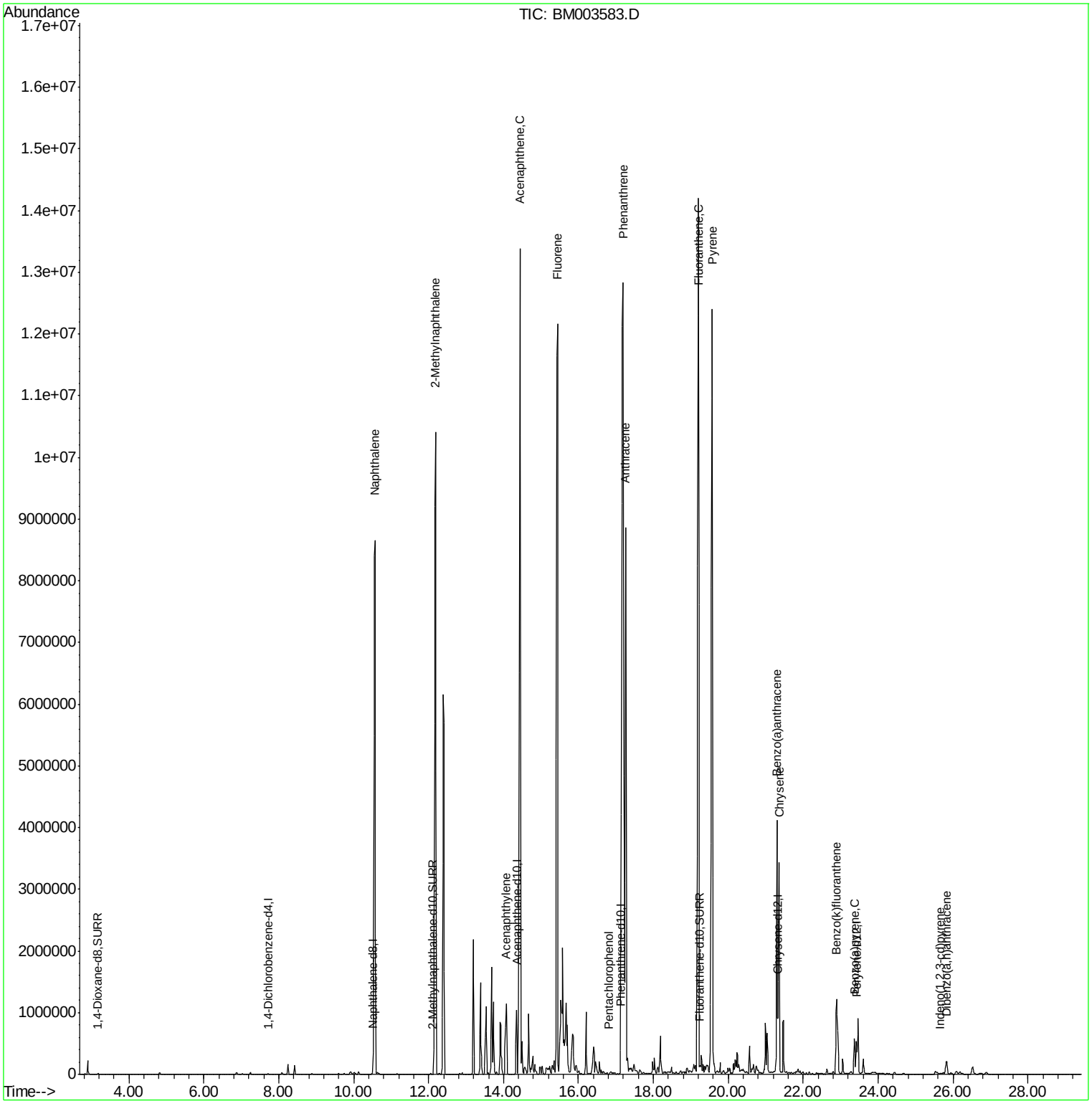
(#) = qualifier out of range (m) = manual integration (+) = signals summed

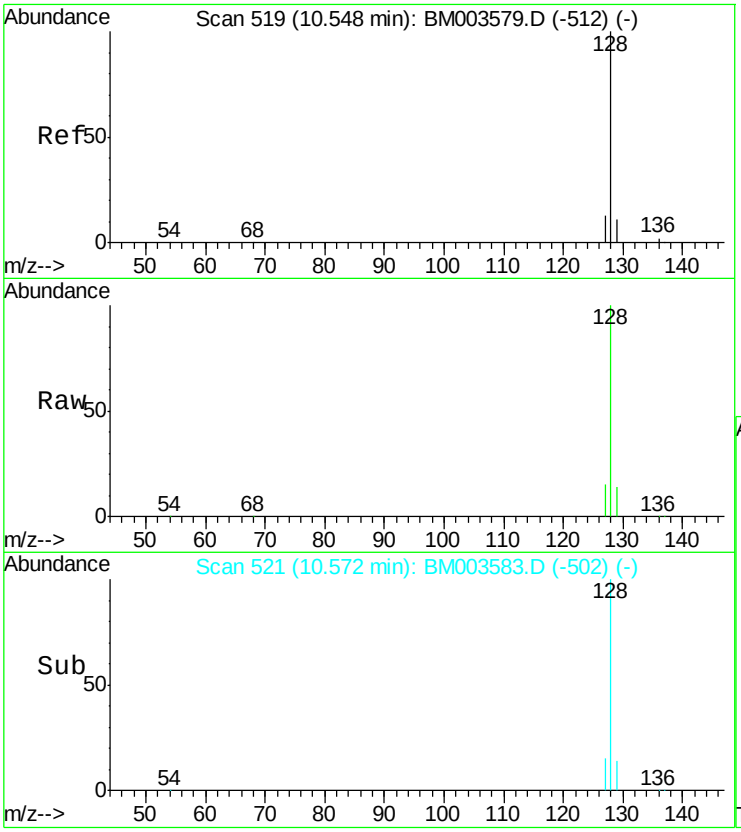
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121615\
Data File : BM003583.D
Acq On : 16 Dec 2015 18:30
Operator : UM/IZ
Sample : G4767-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9N29

Quant Time: Dec 17 03:00:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 02:56:38 2015
Response via : Initial Calibration



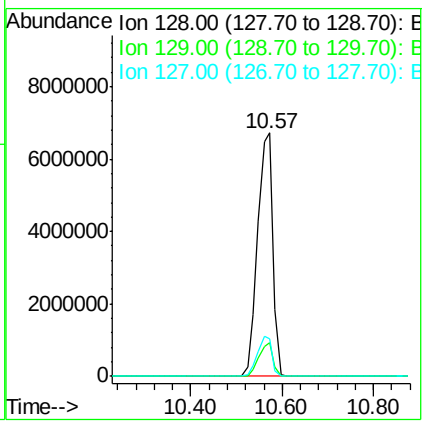


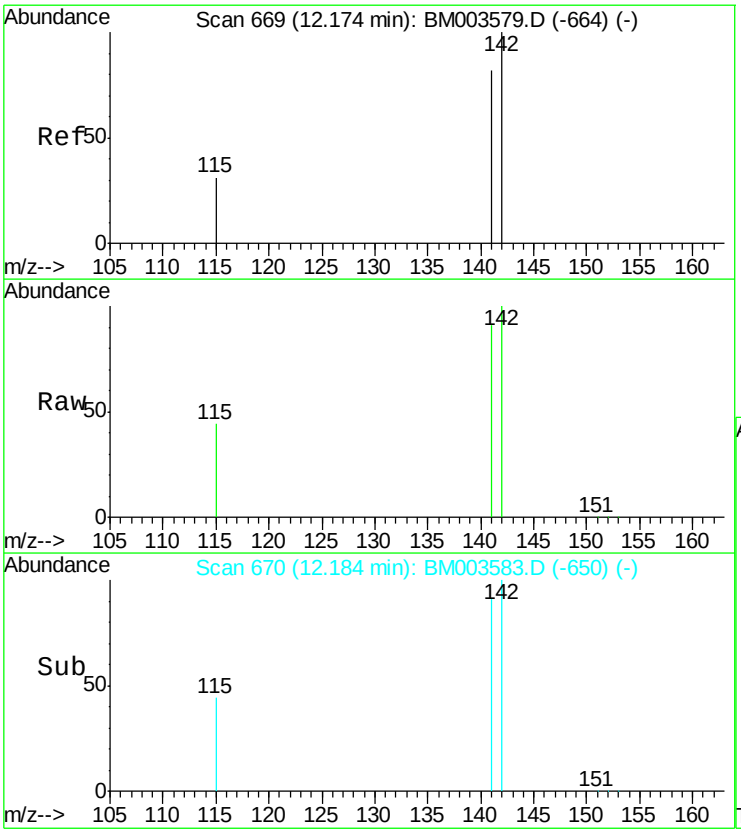
#5
Naphthalene
Concen: 305.77 ng/ul
RT: 10.57 min Scan# 521
Delta R.T. 0.02 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Instrument :
BNA_M
ClientSampleId :
D9N29

Tgt Ion:128 Resp:15541318

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.0	13.6#
127	15.2	9.6	14.4#

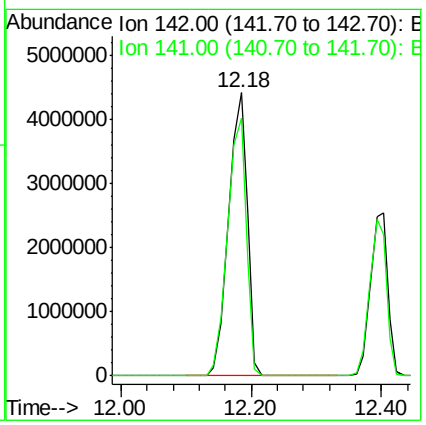


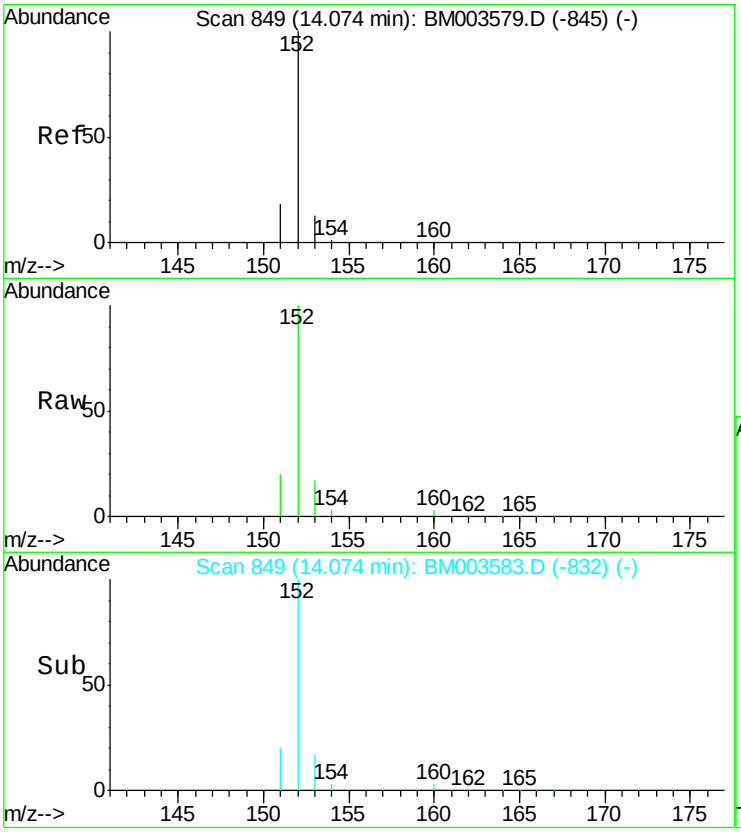


#7
2-Methylnaphthalene
Concen: 258.22 ng/ul
RT: 12.18 min Scan# 670
Delta R.T. 0.01 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Tgt Ion:142 Resp: 8810896

Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.3	105.5



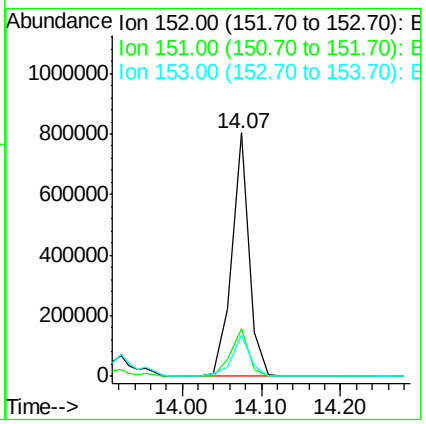


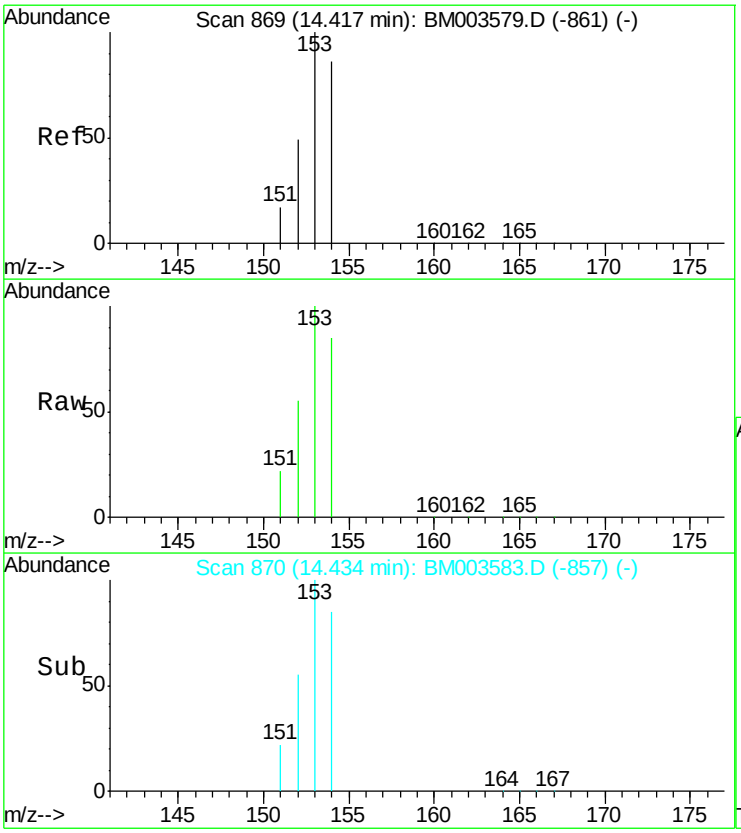
#9
Acenaphthylene
Concen: 6.44 ng/ul
RT: 14.07 min Scan# 849
Delta R.T. -0.00 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Instrument :
BNA_M
ClientSampleId :
D9N29

Tgt Ion:152 Resp: 1220861

Ion	Ratio	Lower	Upper
152	100		
151	19.8	17.6	26.4
153	17.0	9.7	14.5#

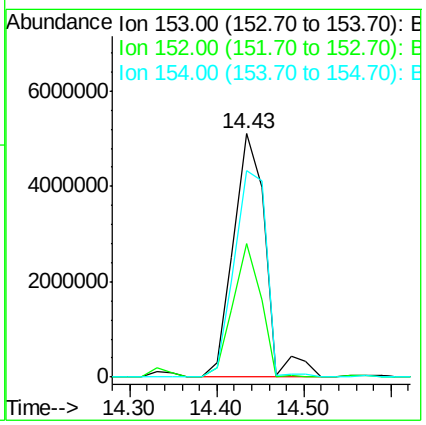


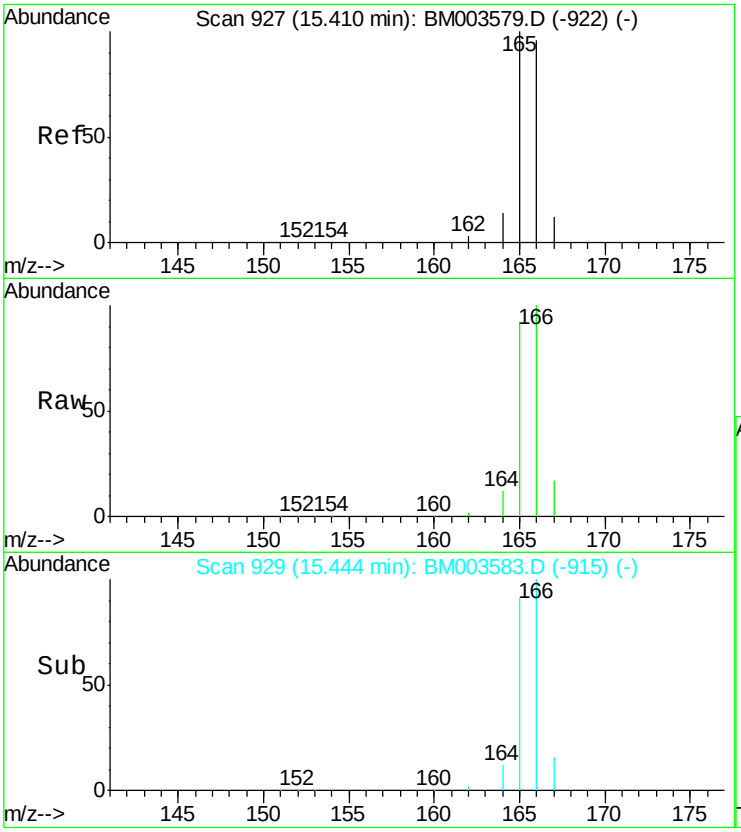


#10
Acenaphthene
Concen: 85.49 ng/ul
RT: 14.43 min Scan# 870
Delta R.T. 0.02 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Tgt Ion:153 Resp:13063376

Ion	Ratio	Lower	Upper
153	100		
152	54.8	33.9	50.9#
154	84.8	80.6	121.0



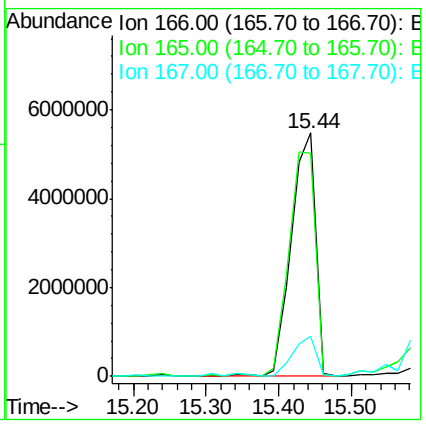


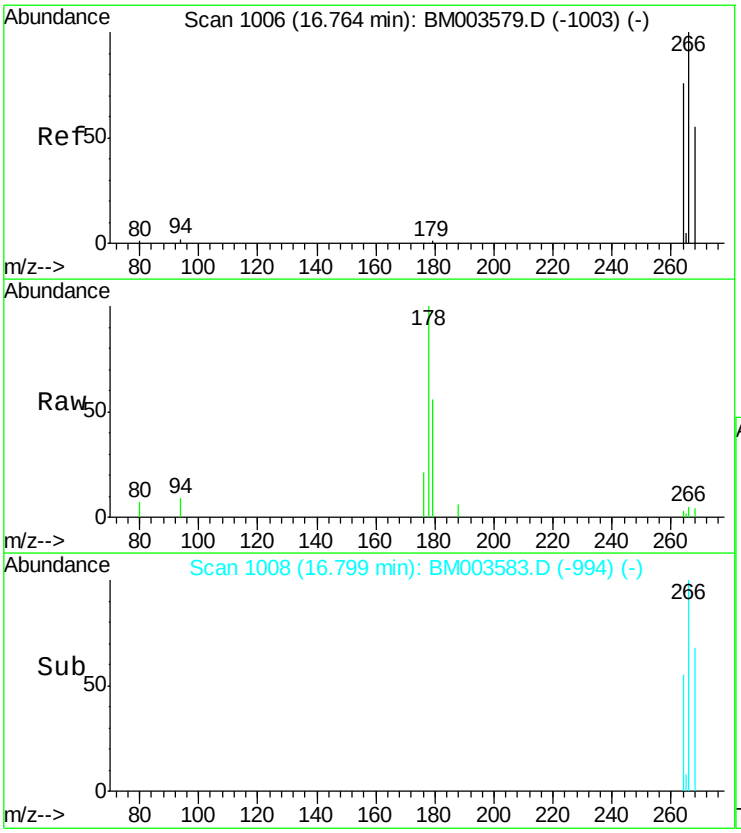
#11
Fluorene
Concen: 76.51 ng/ul
RT: 15.44 min Scan# 929
Delta R.T. 0.03 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Instrument :
BNA_M
ClientSampleId :
D9N29

Tgt Ion:166 Resp:12961181

Ion	Ratio	Lower	Upper
166	100		
165	91.7	69.6	104.4
167	16.5	11.9	17.9

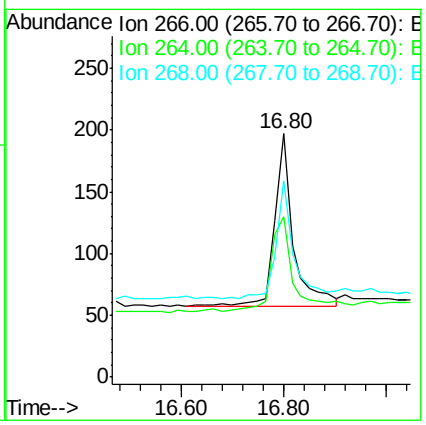


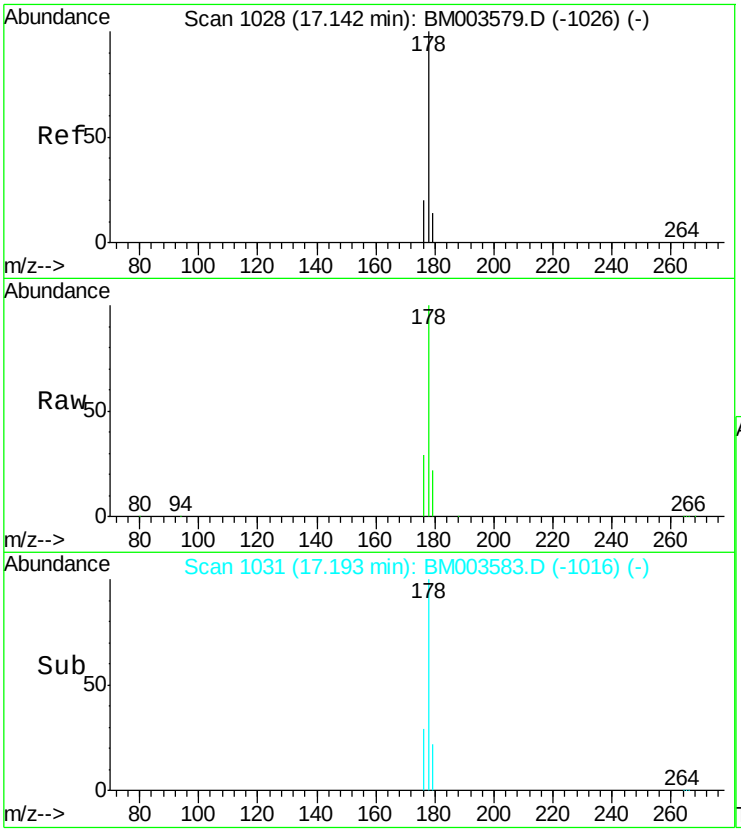


#13
Pentachlorophenol
Concen: 0.09 ng/ul
RT: 16.80 min Scan# 1008
Delta R.T. 0.03 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Tgt Ion:266 Resp: 358

Ion	Ratio	Lower	Upper
266	100		
264	66.5	51.8	77.8
268	63.7	46.8	70.2



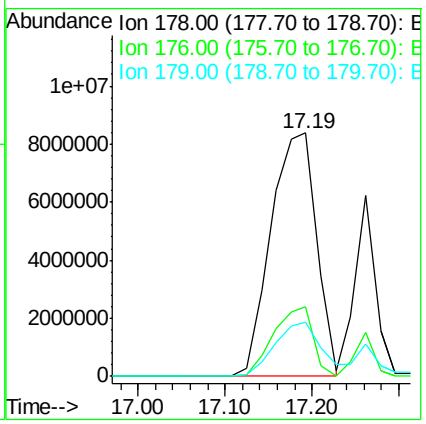


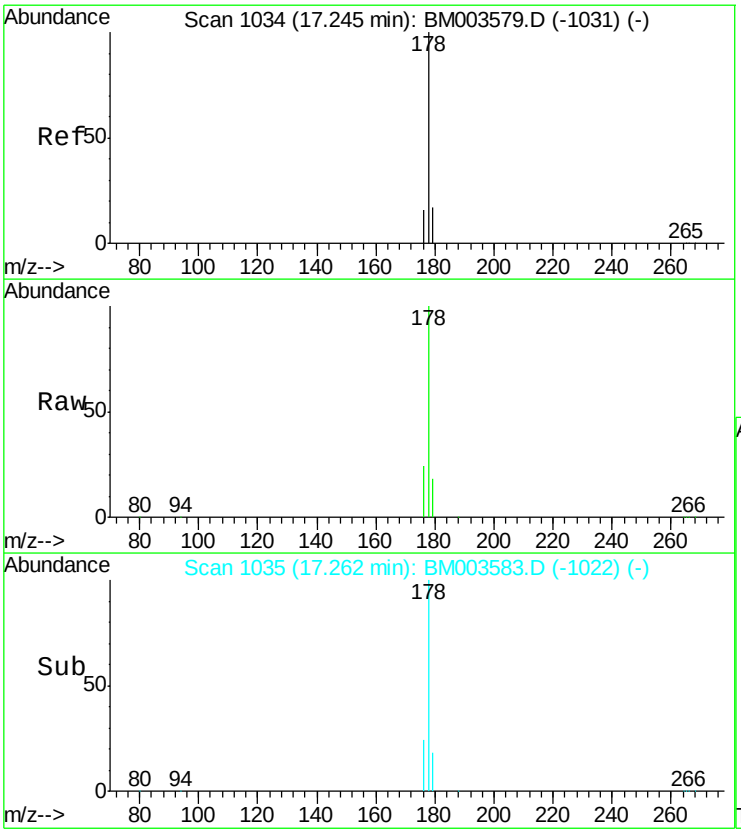
#14
Phenanthrene
Concen: 426.97 ng/ul
RT: 17.19 min Scan# 1031
Delta R.T. 0.05 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Instrument :
BNA_M
ClientSampleId :
D9N29

Tgt Ion:178 Resp:30717693

Ion	Ratio	Lower	Upper
178	100		
176	28.6	13.0	19.4#
179	22.1	14.2	21.2#

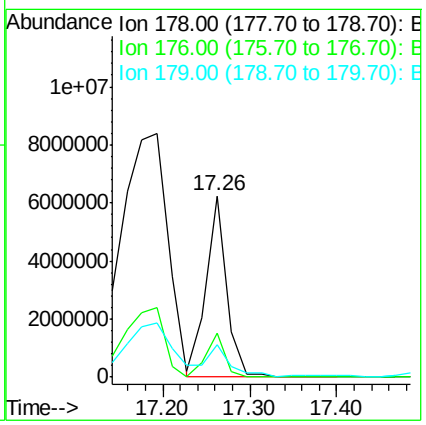


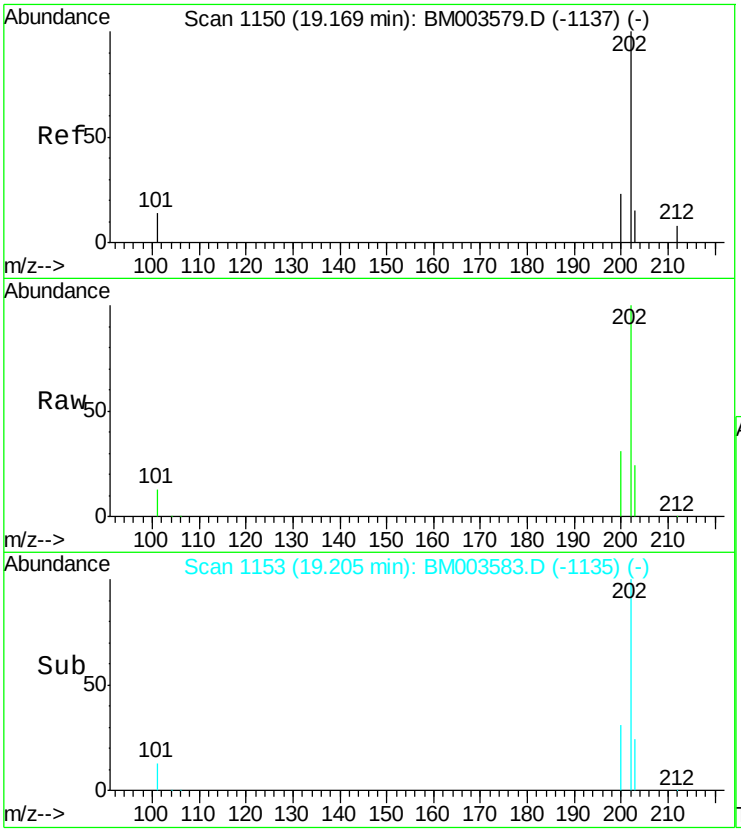


#15
Anthracene
Concen: 164.95 ng/ul
RT: 17.26 min Scan# 1035
Delta R.T. 0.02 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Tgt Ion:178 Resp:10266106

Ion	Ratio	Lower	Upper
178	100		
176	24.0	14.0	21.0#
179	17.7	12.9	19.3



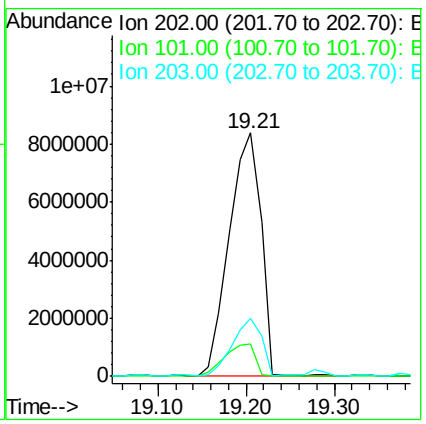


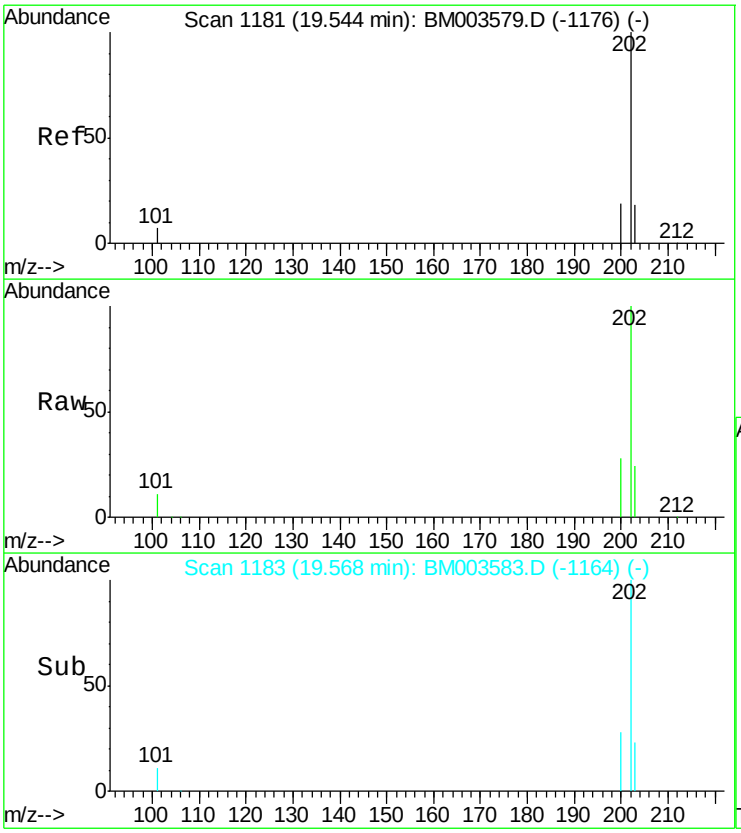
#17
Fluoranthene
Concen: 267.82 ng/ul
RT: 19.21 min Scan# 1153
Delta R.T. 0.04 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Instrument :
BNA_M
ClientSampleId :
D9N29

Tgt Ion:202 Resp:20924119

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	29.6
203	24.0	0.0	36.3

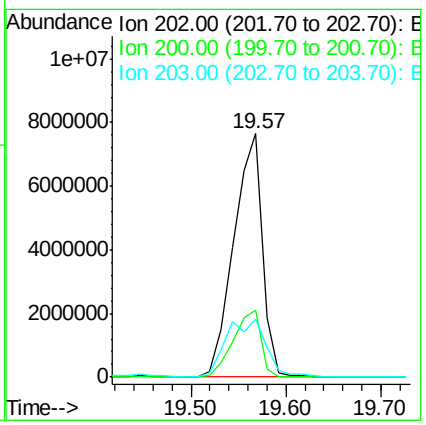


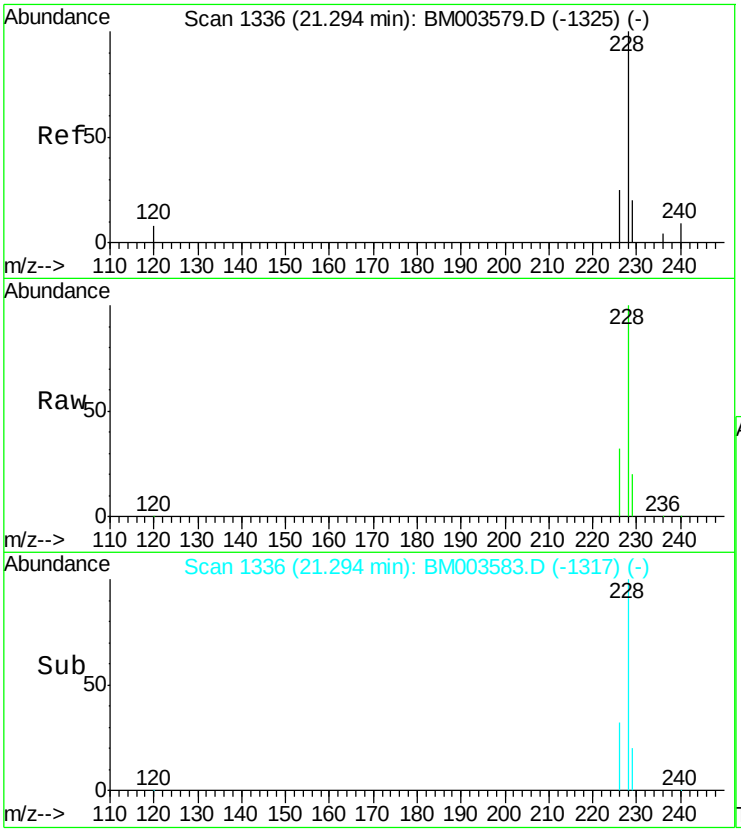


#19
Pyrene
Concen: 190.80 ng/ul
RT: 19.57 min Scan# 1183
Delta R.T. 0.02 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Tgt Ion:202 Resp:15971372

Ion	Ratio	Lower	Upper
202	100		
200	27.7	17.8	26.8#
203	23.7	12.8	19.2#



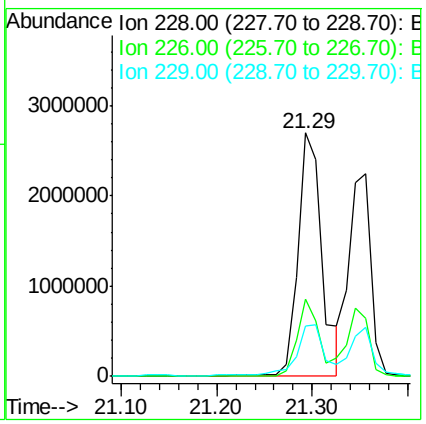


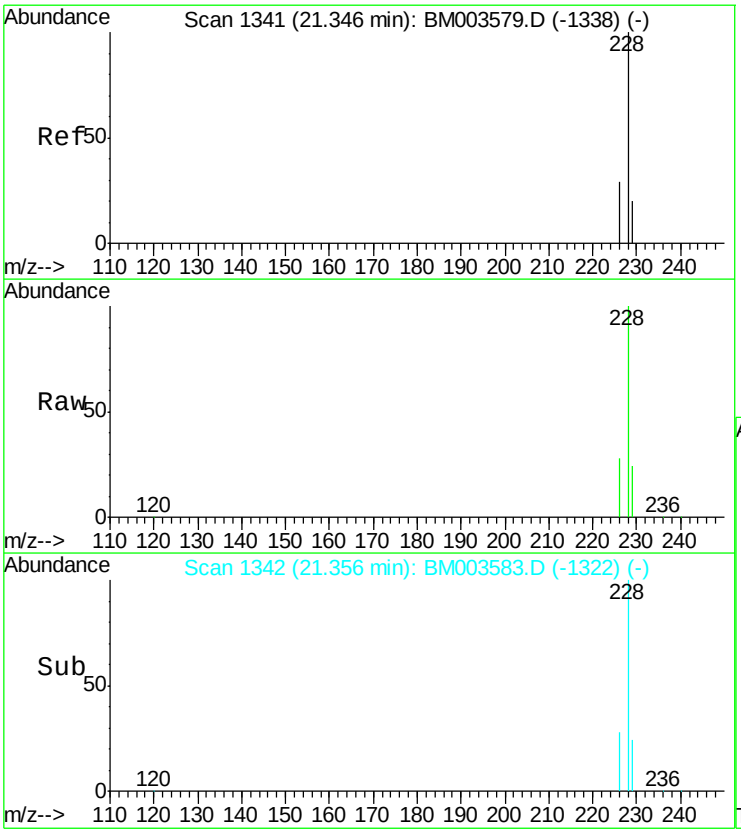
#20
Benzo(a)anthracene
Concen: 61.81 ng/ul
RT: 21.29 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Instrument :
BNA_M
ClientSampleId :
D9N29

Tgt Ion:228 Resp: 4679399

Ion	Ratio	Lower	Upper
228	100		
226	31.9	18.8	28.2#
229	20.5	17.1	25.7

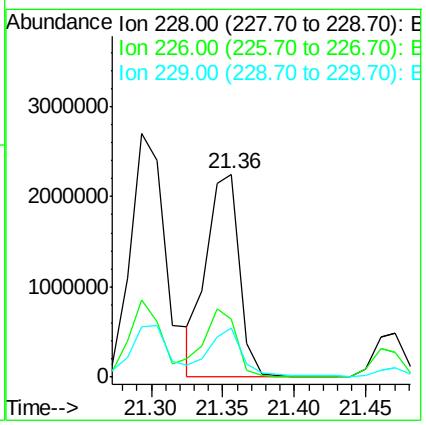


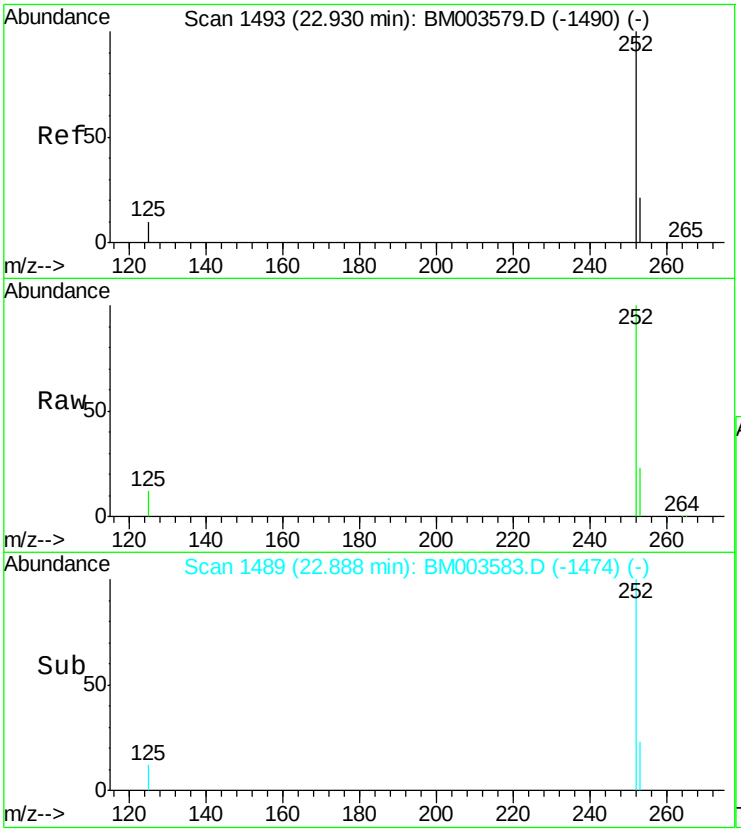


#21
Chrysene
Concen: 41.30 ng/ul
RT: 21.36 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Tgt Ion:228 Resp: 3582179

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.2	31.8
229	24.2	17.0	25.6



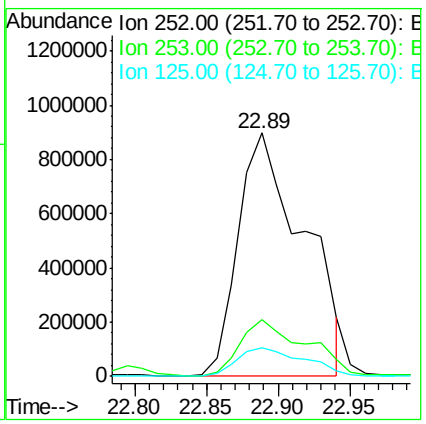


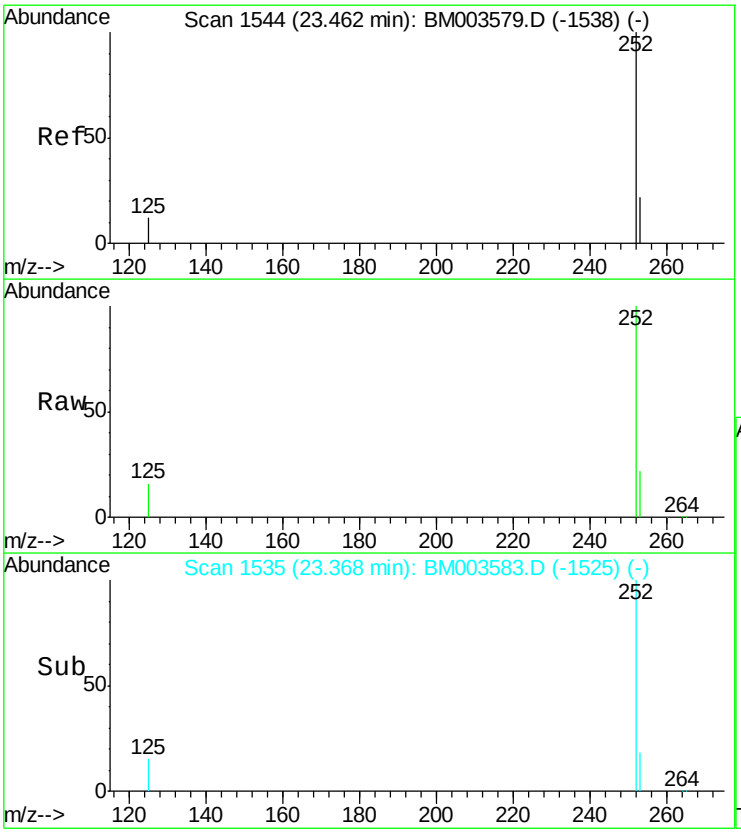
#24
Benzo(k)fluoranthene
Concen: 1.35 ng/ul
RT: 22.89 min Scan# 1489
Delta R.T. -0.04 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Instrument :
BNA_M
ClientSampleId :
D9N29

Tgt Ion:252 Resp: 2840006

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.8	29.8
125	11.9	10.4	15.6

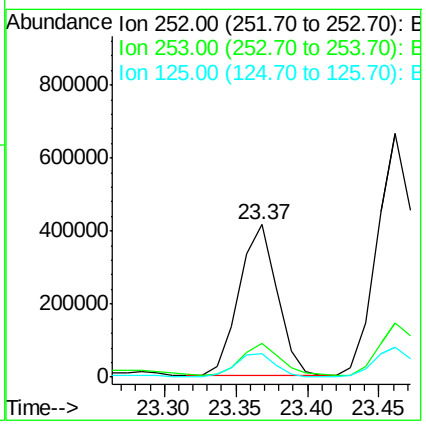


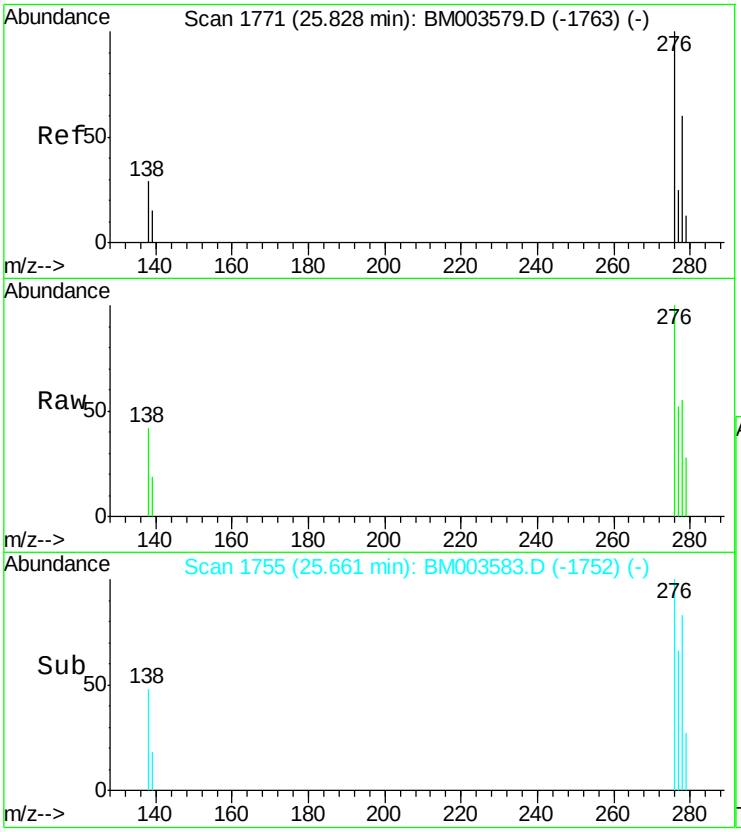


#25
Benzo(a)pyrene
Concen: 0.40 ng/ul
RT: 23.37 min Scan# 1535
Delta R.T. -0.09 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Tgt Ion:252 Resp: 774615

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.4	29.2
125	15.6	12.7	19.1



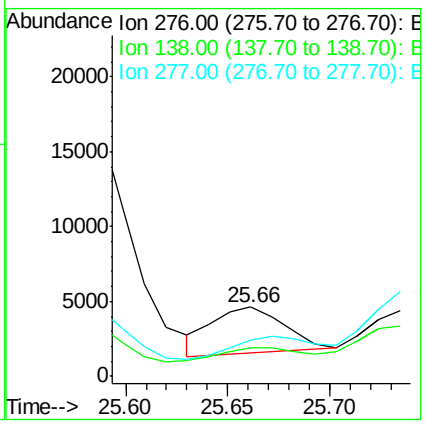


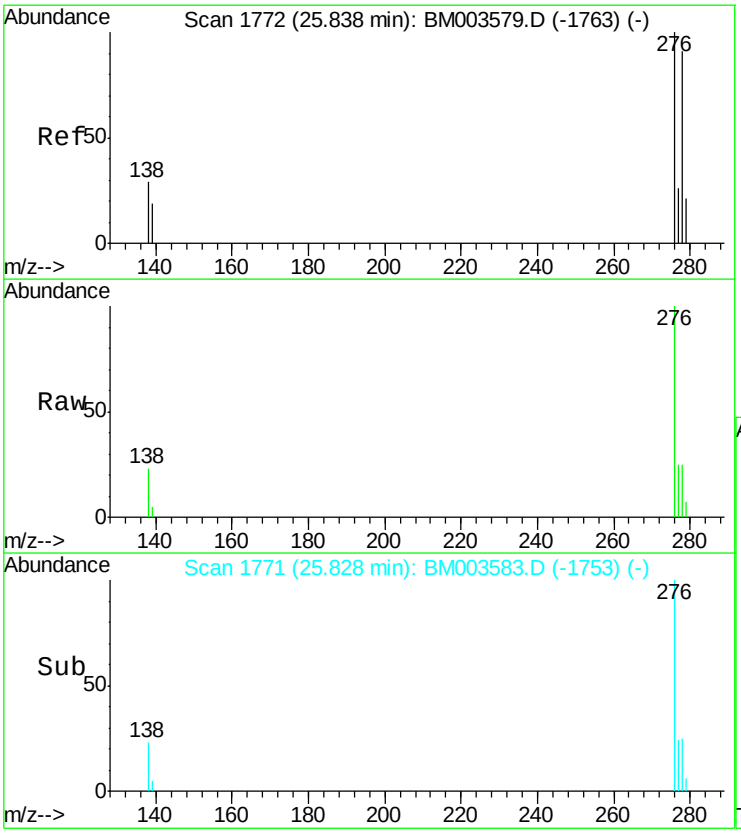
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.66 min Scan# 1755
Delta R.T. -0.17 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Instrument :
BNA_M
ClientSampleId :
D9N29

Tgt Ion:276 Resp: 7588

Ion	Ratio	Lower	Upper
276	100		
138	34.6	16.3	24.5#
277	59.7	19.8	29.8#





#27
Dibenzo(a,h)anthracene
Concen: 0.03 ng/ul
RT: 25.83 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Tgt Ion:278 Resp: 61116

Ion	Ratio	Lower	Upper
278	100		
139	21.4	16.4	24.6
279	25.9	20.2	30.2