Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002590.D
Acq On : 31 Aug 2015 13:55
Operator : UM/IZ
Sample : G3455-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9E64

Quant Time: Sep 01 01:46:50 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 01:38:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	123154	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	483211	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	206717	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	374915	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	379208	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	397020	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	622656	29.46	ng/ul	0.00
10) Fluorene-d10	16.34	176	386600	26.04	ng/ul	0.00
14) Anthracene-d10	18.18	188	536399	29.66	ng/ul	0.00
18) Pyrene-d10	20.40	212	532596	31.69	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.63	264	632270	30.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.70	128	181128	7.34	ng/ul	99
5) 1-Methylnaphthalene	13.46	142	214174	11.72	ng/ul	99
13) Phenanthrene	18.12	178	486122	22.45	ng/ul	99
15) Anthracene	18.21	178	206049	9.39	ng/ul	100
16) Fluoranthene	20.07	202	415622	16.96	ng/ul	97
19) Pyrene	20.43	202	443846	19.98	ng/ul	98
21) Chrysene	22.20	228	340540	16.06	ng/ul	99
26) Benzo(a)pyrene	24.68	252	291369	12.71	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.57	276	445344	16.89	ng/ul	97
28) Dibenzo(a,h)anthracene	27.57	278	236910	10.75	ng/ul	98

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

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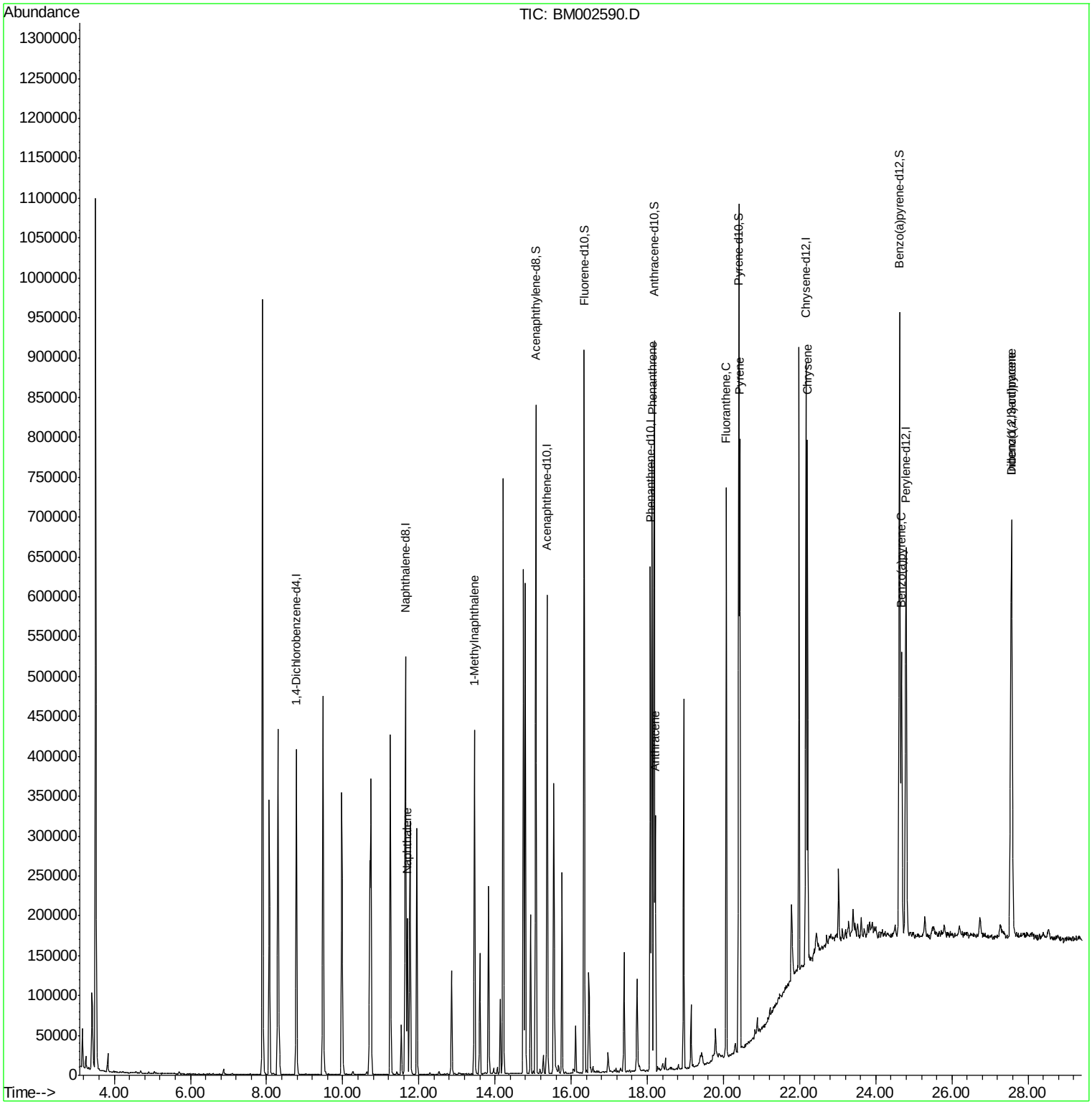
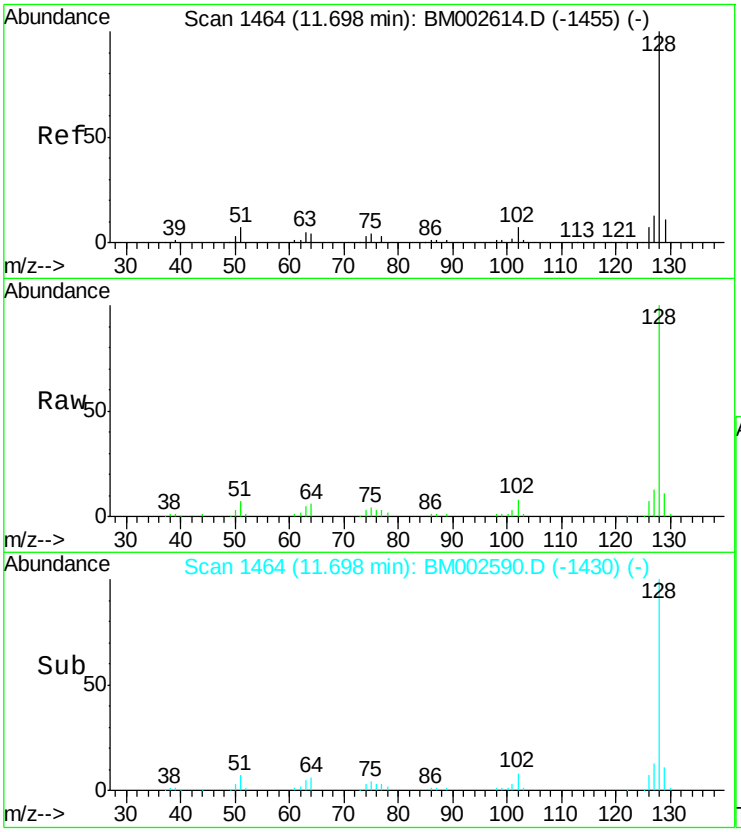


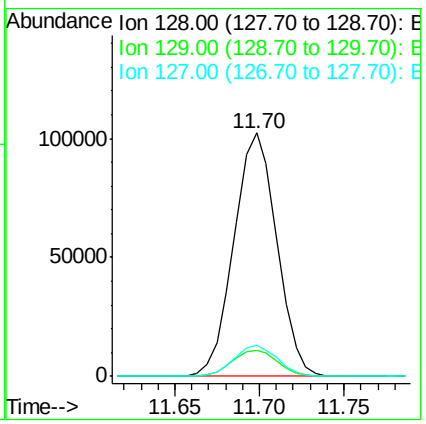


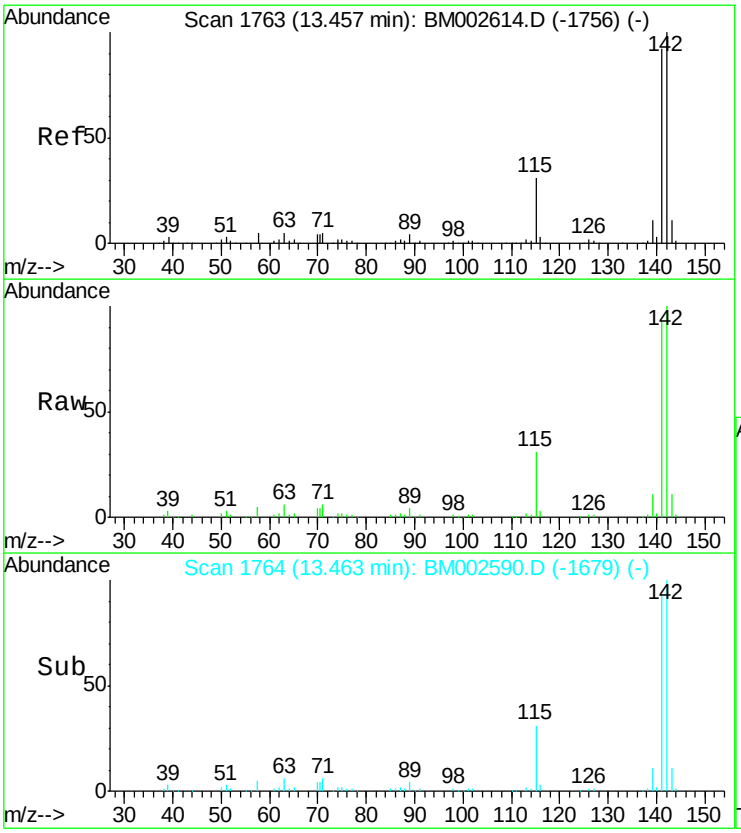
#3
Naphthalene
Concen: 7.34 ng/ul
RT: 11.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BM002590.D
Acq: 31 Aug 2015 13:55

Instrument :
BNA_M
ClientSampleId :
D9E64

Tgt Ion:128 Resp: 181128

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	12.6	10.4	15.6

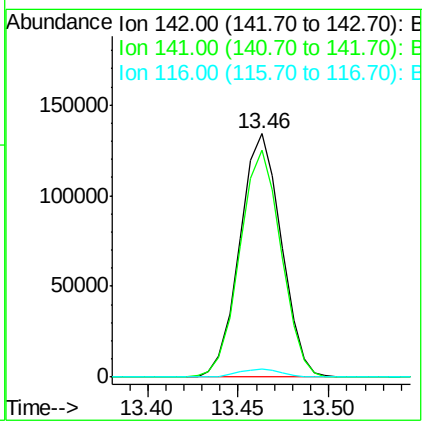


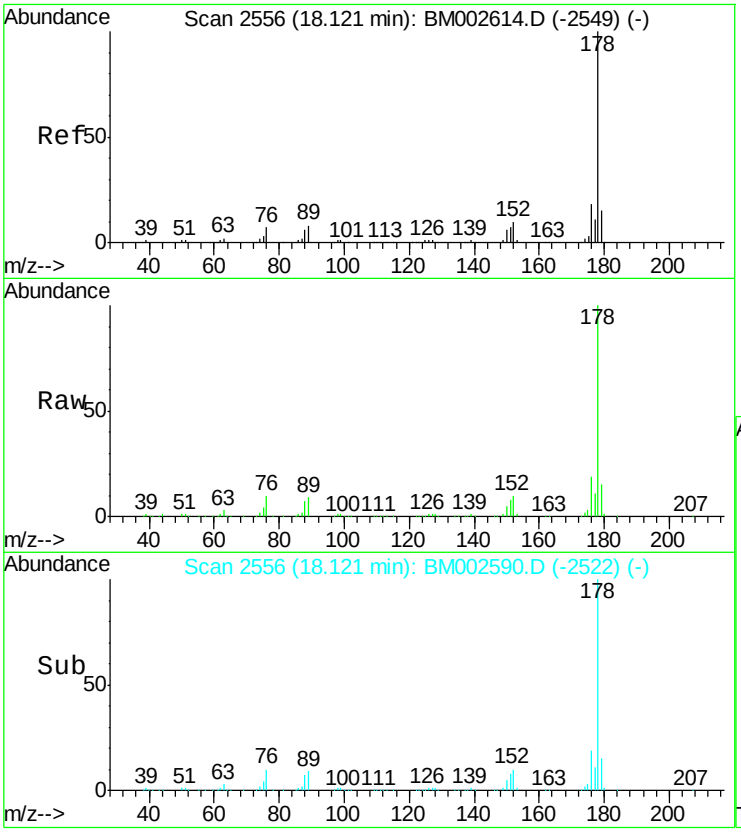


#5
1-Methylnaphthalene
Concen: 11.72 ng/ul
RT: 13.46 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BM002590.D
Acq: 31 Aug 2015 13:55

Tgt Ion:142 Resp: 214174

Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.9	110.9
116	3.4	3.0	4.4



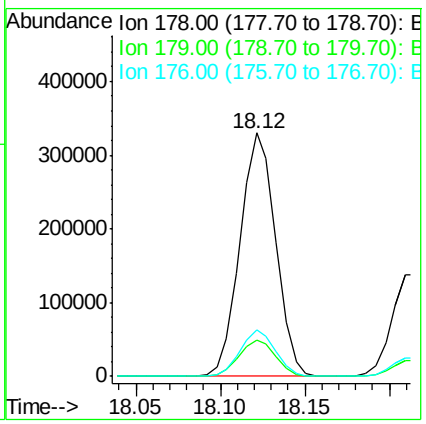


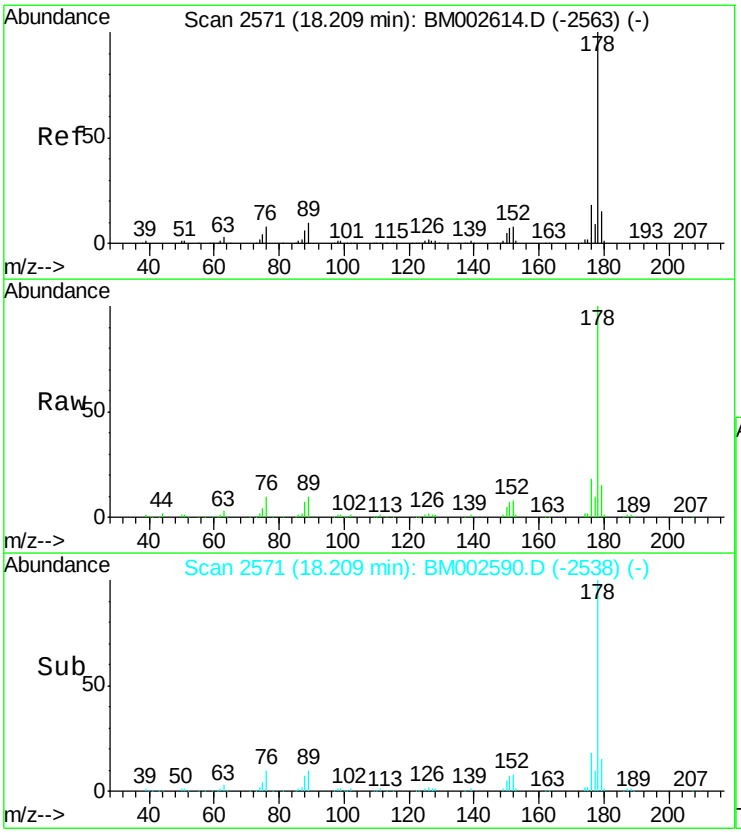
#13
Phenanthrene
Concen: 22.45 ng/ul
RT: 18.12 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BM002590.D
Acq: 31 Aug 2015 13:55

Instrument :
BNA_M
ClientSampleId :
D9E64

Tgt Ion:178 Resp: 486122

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.4	18.6
176	19.0	15.1	22.7

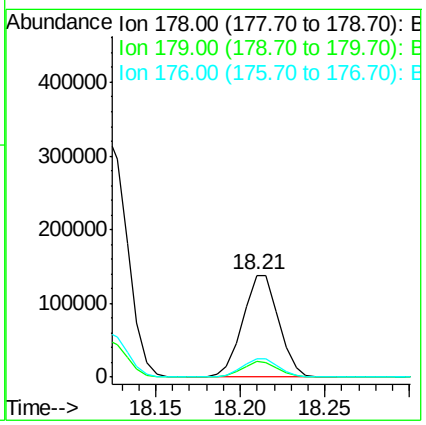


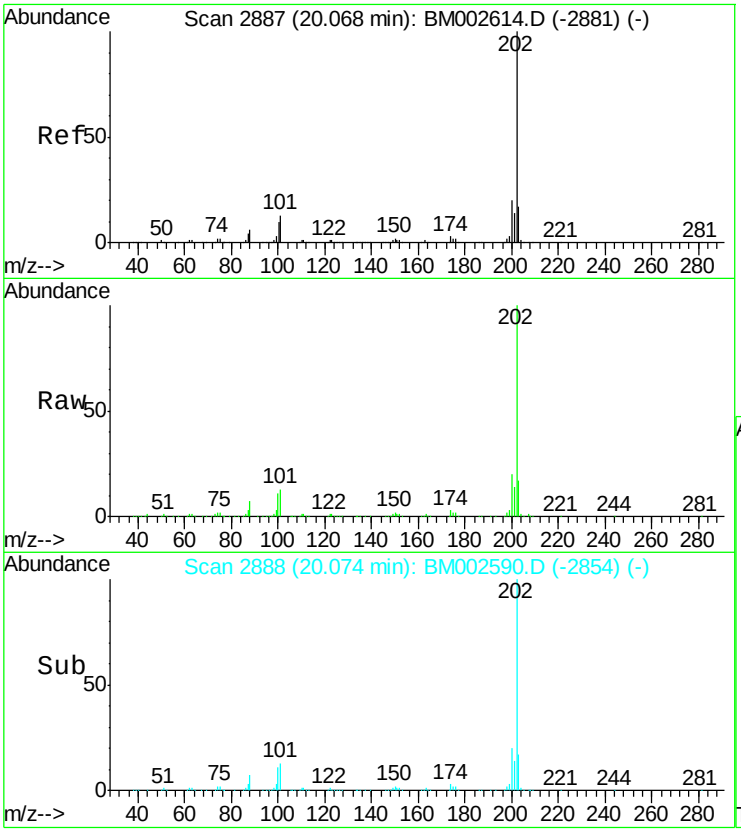


#15
Anthracene
Concen: 9.39 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. -0.01 min
Lab File: BM002590.D
Acq: 31 Aug 2015 13:55

Tgt Ion:178 Resp: 206049

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	18.1	14.5	21.7



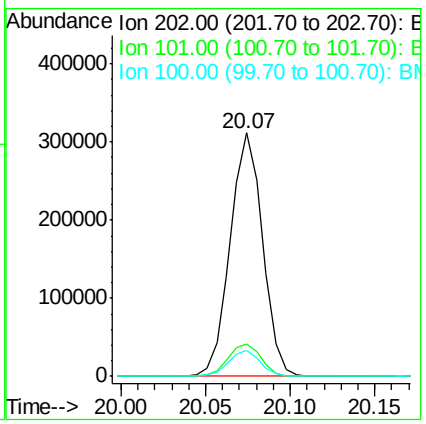


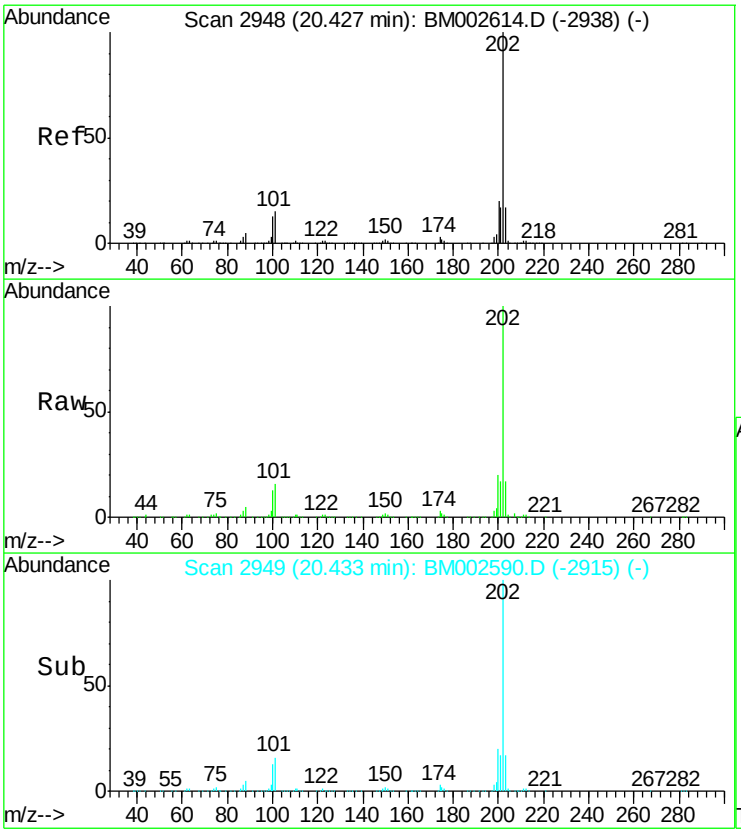
#16
Fluoranthene
Concen: 16.96 ng/ul
RT: 20.07 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BM002590.D
Acq: 31 Aug 2015 13:55

Instrument :
BNA_M
ClientSampleId :
D9E64

Tgt Ion:202 Resp: 415622

Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.7	14.5
100	10.5	7.4	11.2

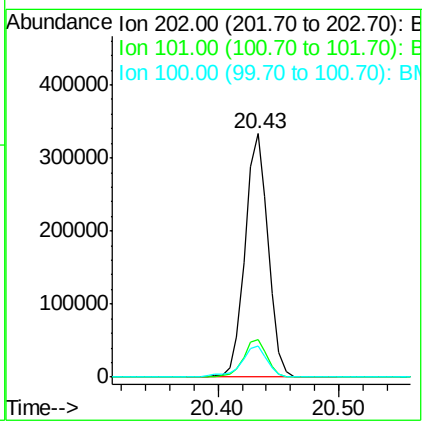


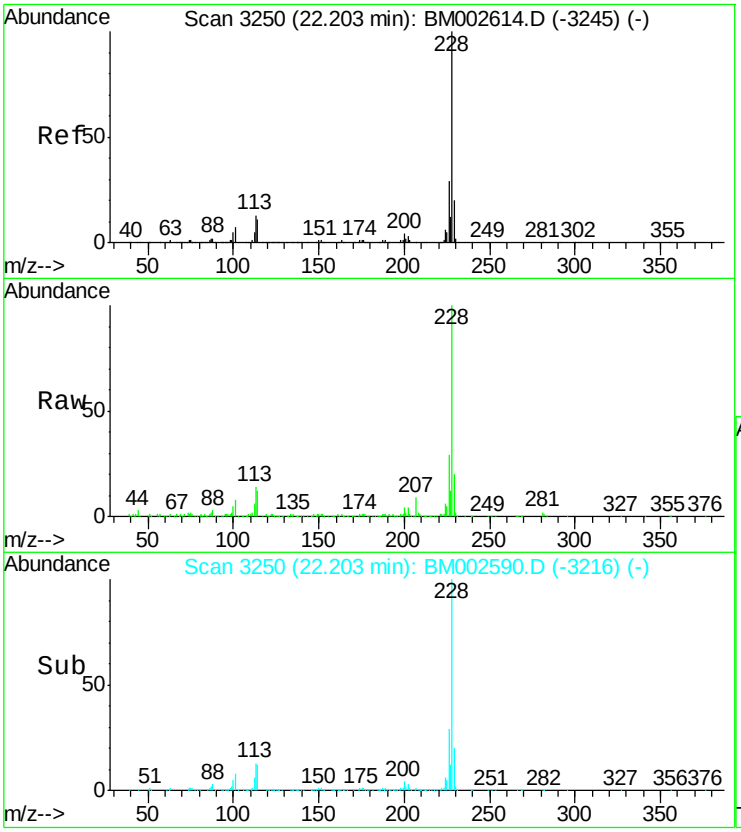


#19
Pyrene
Concen: 19.98 ng/ul
RT: 20.43 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BM002590.D
Acq: 31 Aug 2015 13:55

Tgt Ion:202 Resp: 443846

Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.0	18.0
100	12.7	9.7	14.5



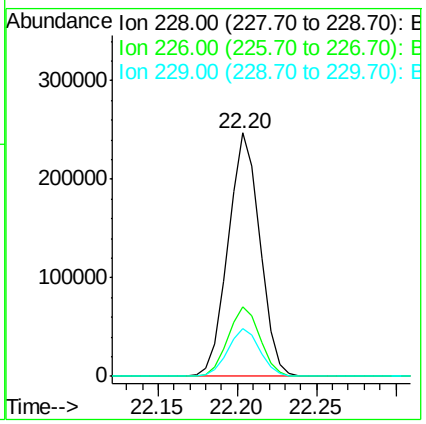


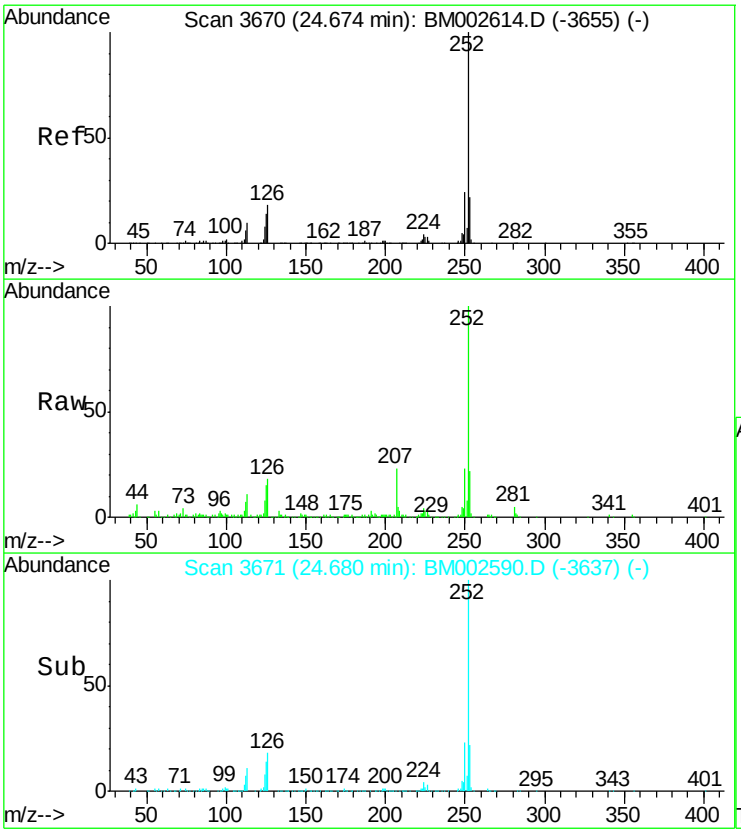
#21
Chrysene
Concen: 16.06 ng/ul
RT: 22.20 min Scan# 3250
Delta R.T. -0.00 min
Lab File: BM002590.D
Acq: 31 Aug 2015 13:55

Instrument :
BNA_M
ClientSampleId :
D9E64

Tgt Ion:228 Resp: 340540

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	19.9	15.7	23.5

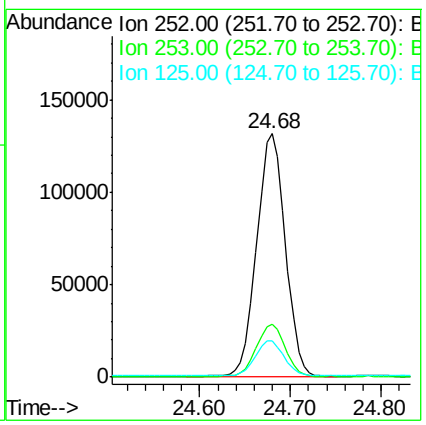


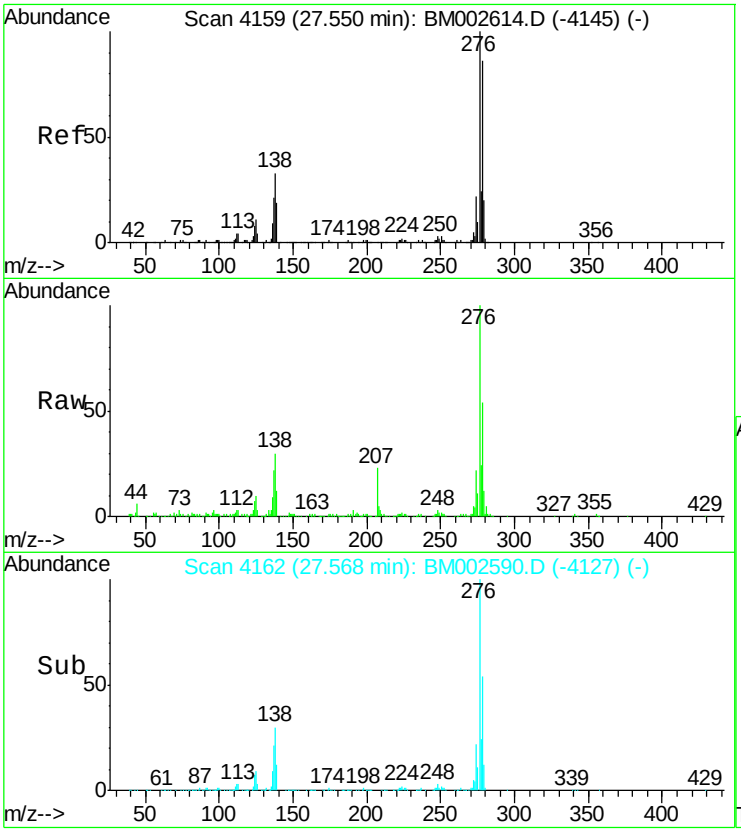


#26
Benzo(a)pyrene
Concen: 12.71 ng/ul
RT: 24.68 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BM002590.D
Acq: 31 Aug 2015 13:55

Tgt Ion:252 Resp: 291369

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	14.6	10.7	16.1



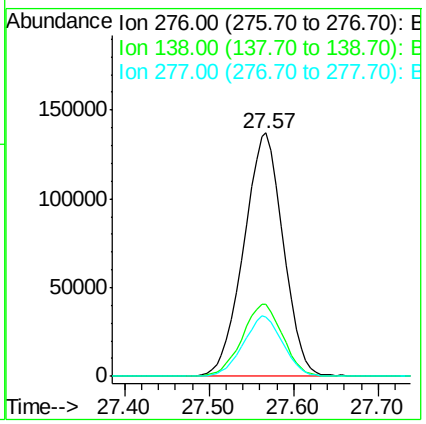


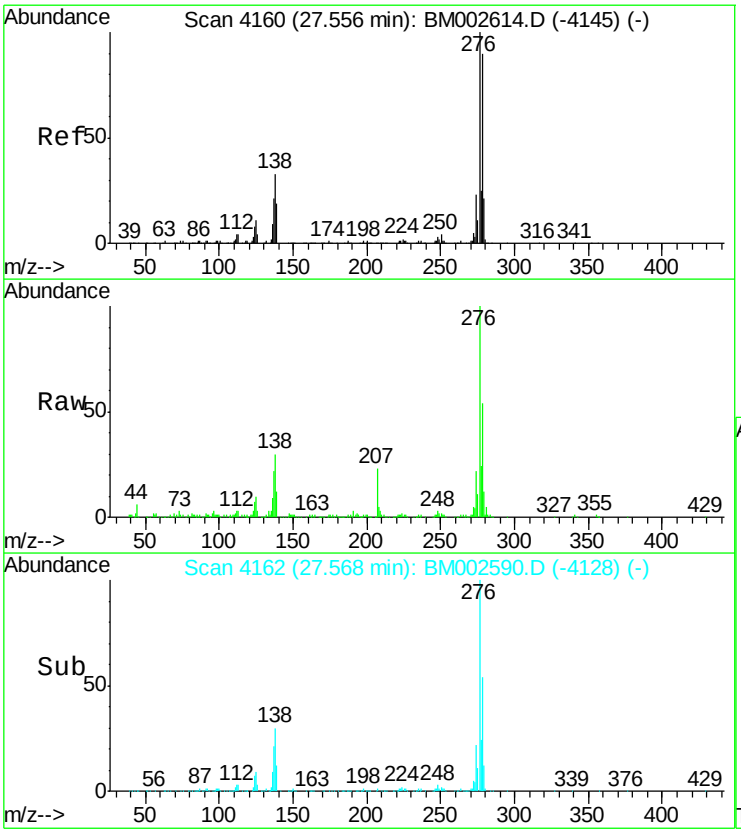
#27
Indeno(1,2,3-cd)pyrene
Concen: 16.89 ng/ul
RT: 27.57 min Scan# 4162
Delta R.T. 0.01 min
Lab File: BM002590.D
Acq: 31 Aug 2015 13:55

Instrument :
BNA_M
ClientSampleId :
D9E64

Tgt Ion:276 Resp: 445344

Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.3	37.9
277	24.3	20.2	30.2





#28
Dibenzo(a,h)anthracene
Concen: 10.75 ng/ul
RT: 27.57 min Scan# 4162
Delta R.T. -0.00 min
Lab File: BM002590.D
Acq: 31 Aug 2015 13:55

Tgt Ion:278 Resp: 236910

Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.5	24.7
279	23.2	18.8	28.2