Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
Data File : BM002402.D
Acq On : 13 Aug 2015 17:48
Operator : UM/IZ
Sample : G3194-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9DE4

Quant Time: Aug 14 02:05:01 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 02:01:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	247246	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	1096542	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	540751	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	945262	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	663280	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	647273	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	918891	16.40	ng/ul	0.00
10) Fluorene-d10	16.46	176	589180	15.12	ng/ul	0.00
14) Anthracene-d10	18.30	188	756765	16.50	ng/ul	0.00
18) Pyrene-d10	20.52	212	600111	18.66	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	514083	14.96	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.24	178	258334	4.75	ng/ul	100
15) Anthracene	18.33	178	62432	1.11	ng/ul	99
16) Fluoranthene	20.19	202	381575	6.33	ng/ul	97
19) Pyrene	20.54	202	290439	6.77	ng/ul#	94
20) Benzo(a)anthracene	22.27	228	168008	4.15	ng/ul	97
21) Chrysene	22.27	228	166907	4.35	ng/ul	95
23) Benzo(b)fluoranthene	24.15	252	262097	6.51	ng/ul#	94
26) Benzo(a)pyrene	24.87	252	156762	4.07	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.84	276	120765	2.74	ng/ul	93
29) Benzo(g,h,i)perylene	28.74	276	114054	3.06	ng/ul	96

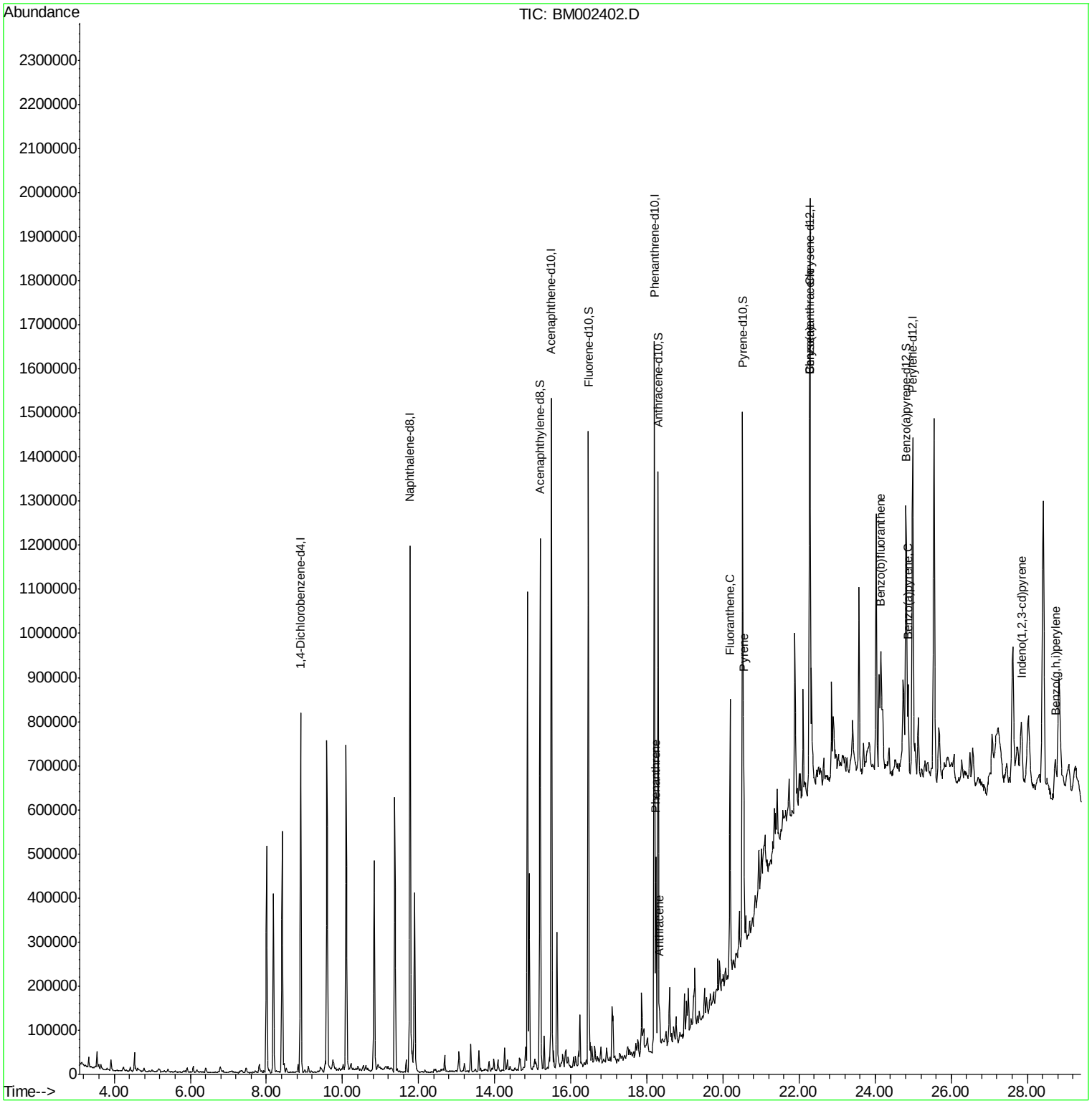
(#) = qualifier out of range (m) = manual integration (+) = signals summed

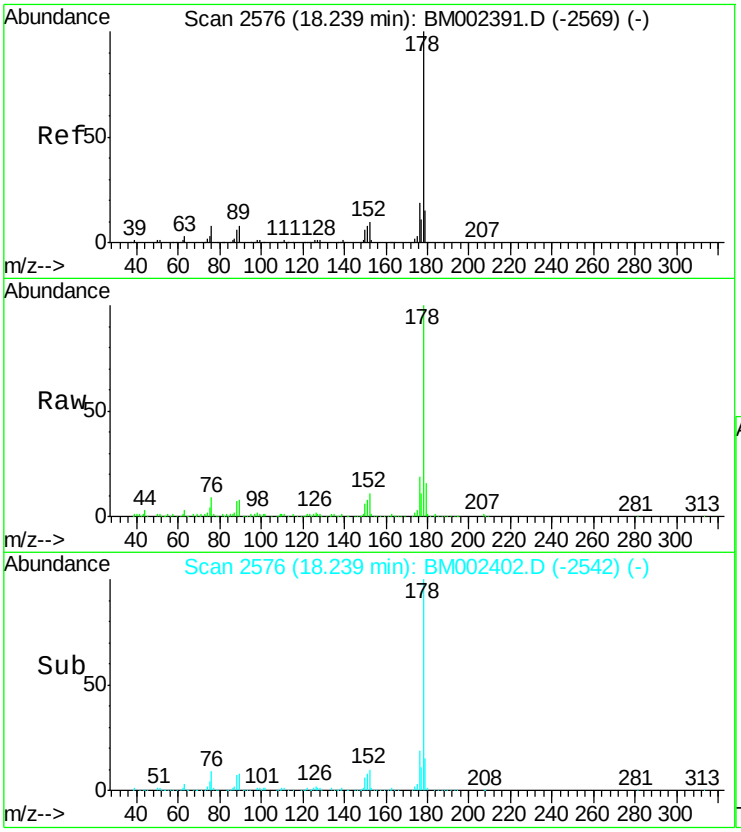
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
Data File : BM002402.D
Acq On : 13 Aug 2015 17:48
Operator : UM/IZ
Sample : G3194-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DE4

Quant Time: Aug 14 02:05:01 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 02:01:37 2015
Response via : Initial Calibration



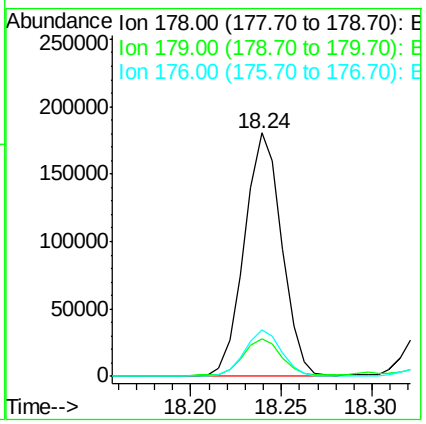


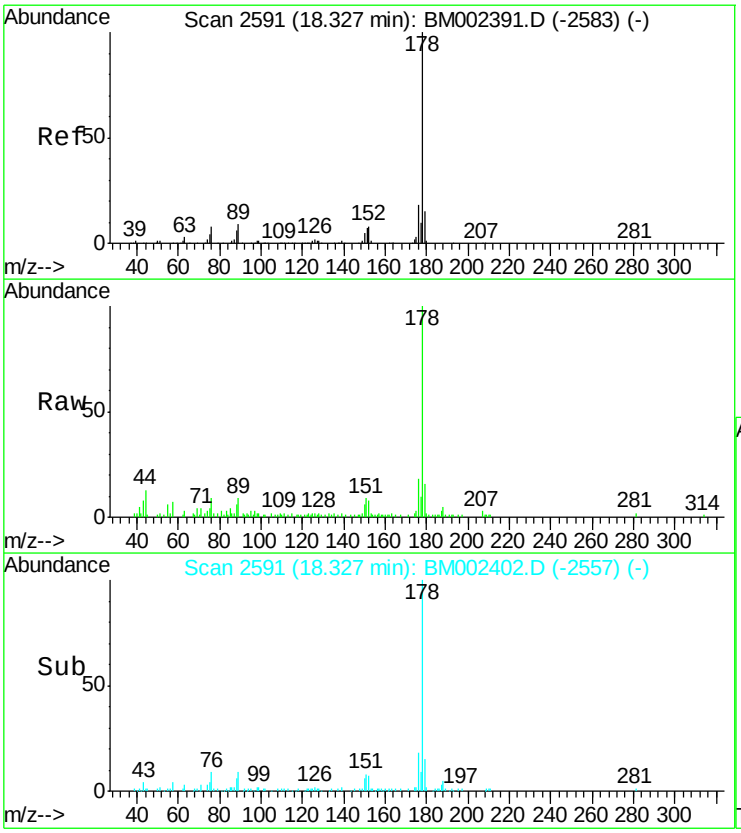
#13
Phenanthrene
Concen: 4.75 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BM002402.D
Acq: 13 Aug 2015 17:48

Instrument :
BNA_M
ClientSampleId :
D9DE4

Tgt Ion:178 Resp: 258334

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.9	15.3	22.9

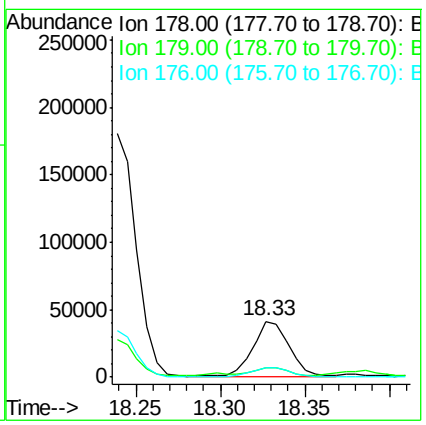


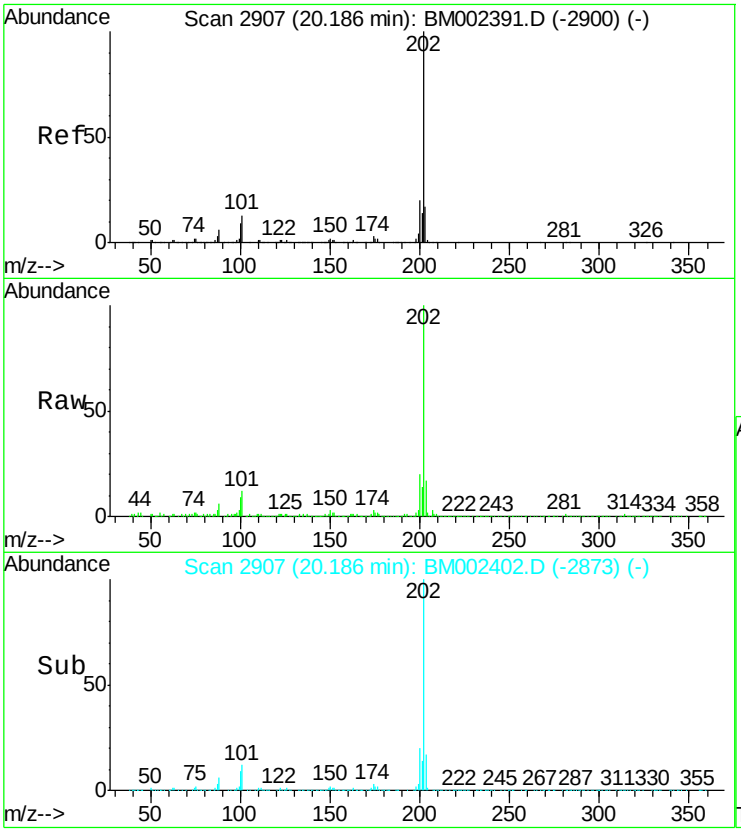


#15
Anthracene
Concen: 1.11 ng/ul
RT: 18.33 min Scan# 2591
Delta R.T. 0.00 min
Lab File: BM002402.D
Acq: 13 Aug 2015 17:48

Tgt Ion:178 Resp: 62432

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	17.5	14.5	21.7



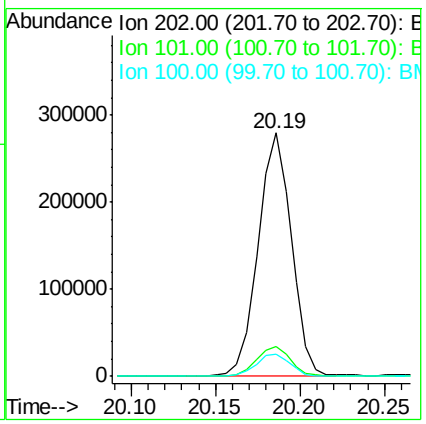


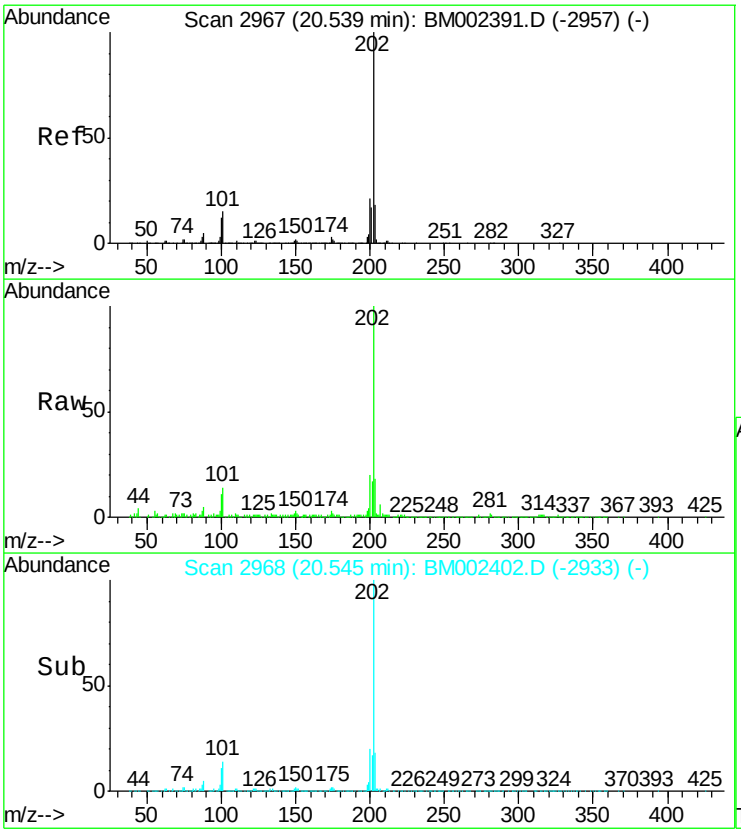
#16
Fluoranthene
Concen: 6.33 ng/ul
RT: 20.19 min Scan# 2907
Delta R.T. 0.00 min
Lab File: BM002402.D
Acq: 13 Aug 2015 17:48

Instrument :
BNA_M
ClientSampleId :
D9DE4

Tgt Ion:202 Resp: 381575

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.6	15.8
100	9.1	8.2	12.4

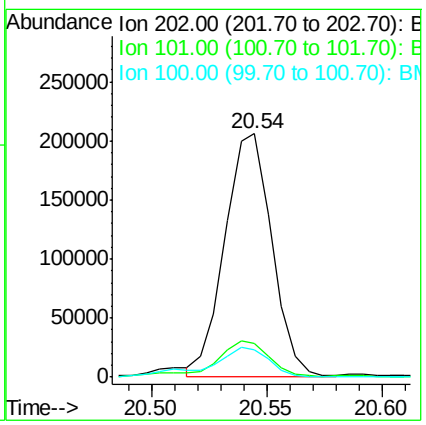


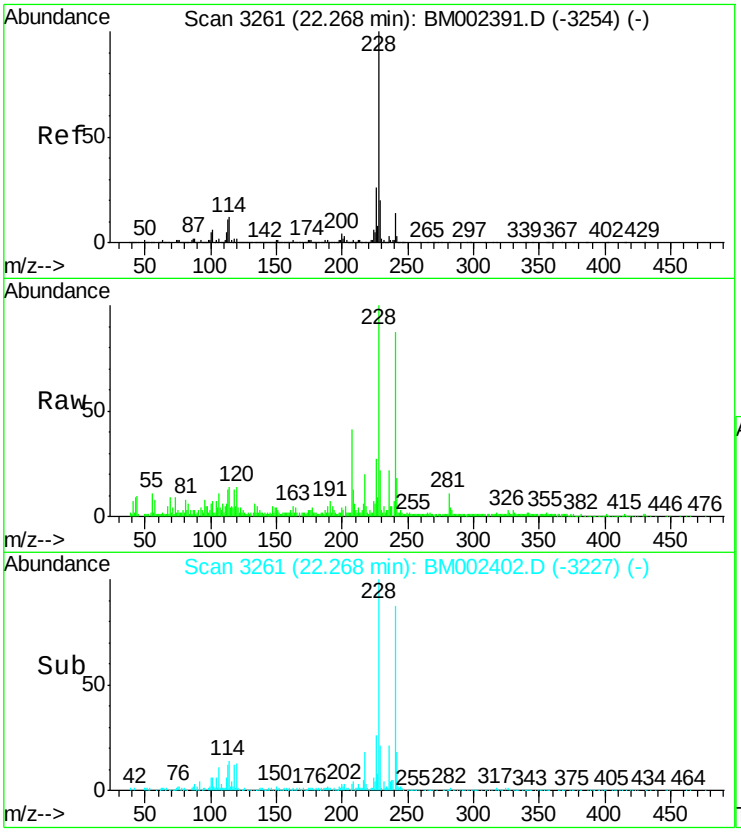


#19
Pyrene
Concen: 6.77 ng/ul
RT: 20.54 min Scan# 2968
Delta R.T. 0.01 min
Lab File: BM002402.D
Acq: 13 Aug 2015 17:48

Tgt Ion:202 Resp: 290439

Ion	Ratio	Lower	Upper
202	100		
101	14.0	13.0	19.6
100	11.0	11.0	16.4#



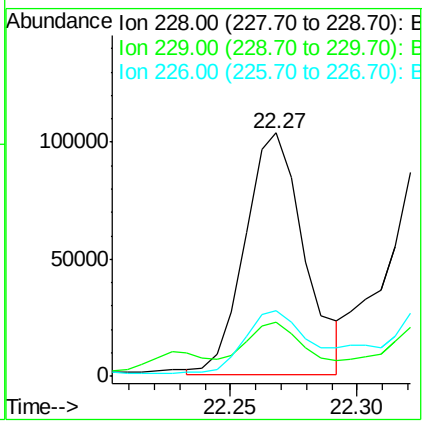


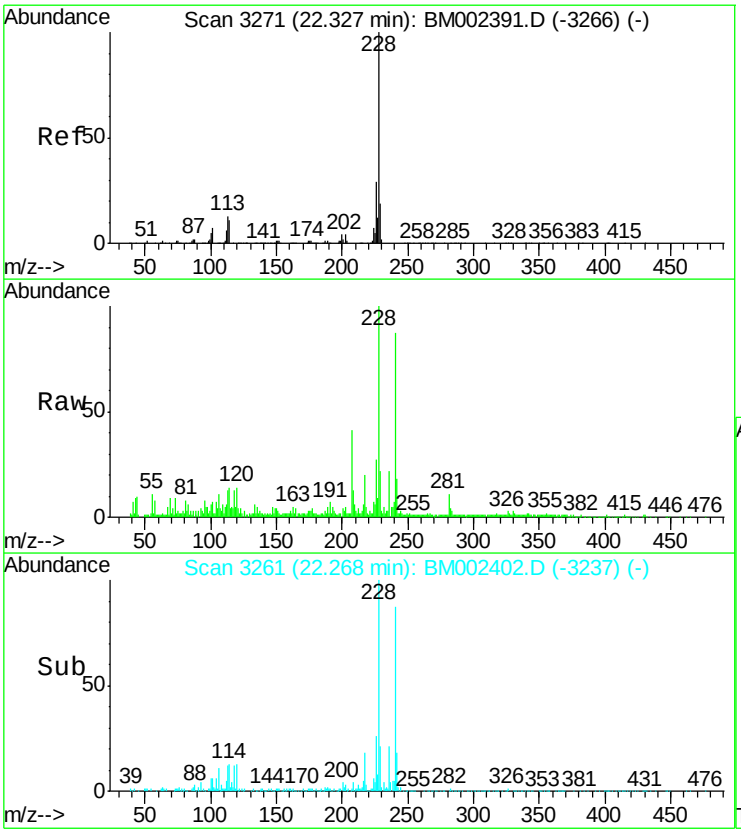
#20
Benzo(a)anthracene
Concen: 4.15 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.00 min
Lab File: BM002402.D
Acq: 13 Aug 2015 17:48

Instrument :
BNA_M
ClientSampleId :
D9DE4

Tgt Ion:228 Resp: 168008

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.7	23.5
226	27.2	21.4	32.0

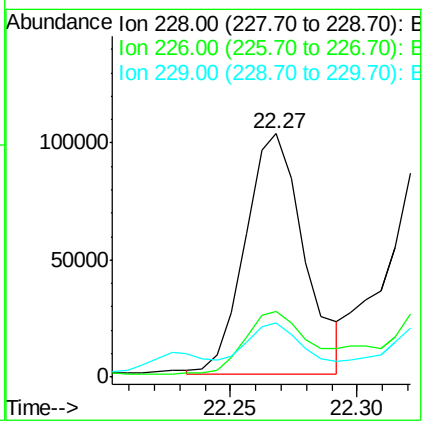


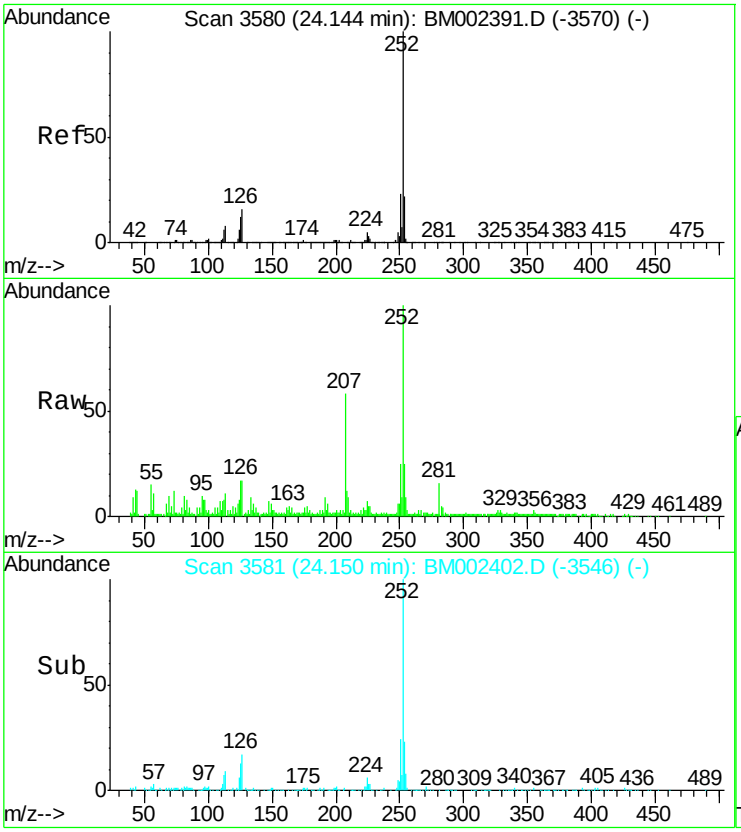


#21
Chrysene
Concen: 4.35 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. -0.06 min
Lab File: BM002402.D
Acq: 13 Aug 2015 17:48

Tgt Ion:228 Resp: 166907

Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.4	35.0
229	22.2	15.5	23.3



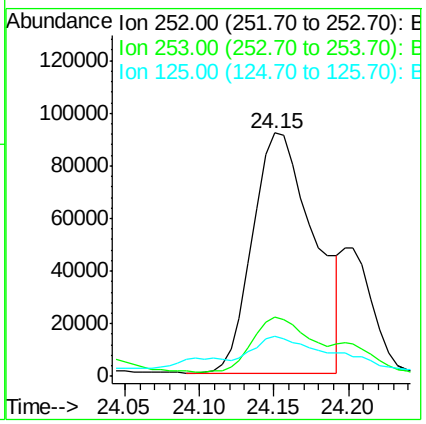


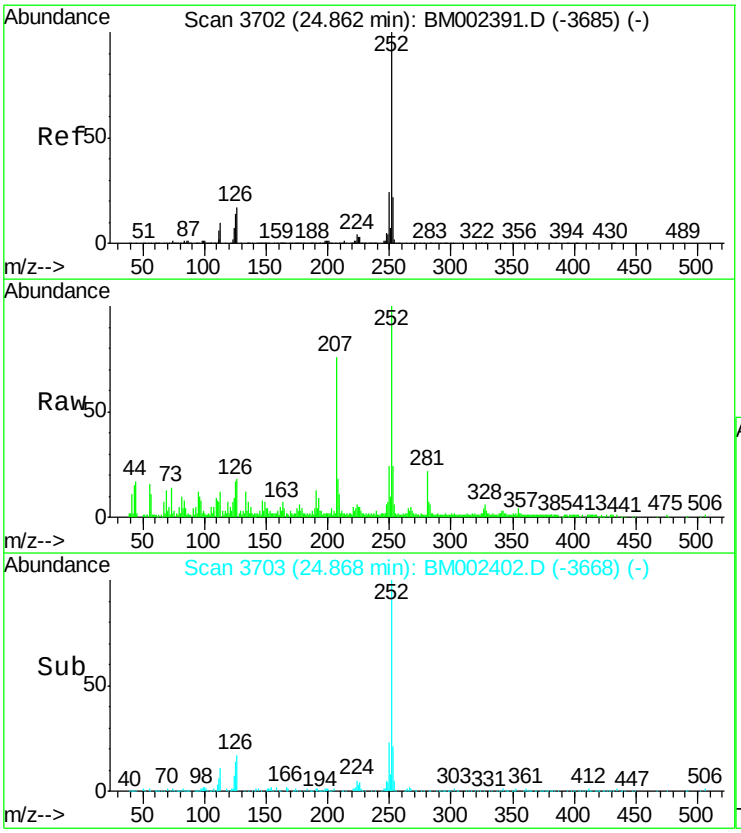
#23
Benzo(b)fluoranthene
Concen: 6.51 ng/ul
RT: 24.15 min Scan# 3581
Delta R.T. 0.01 min
Lab File: BM002402.D
Acq: 13 Aug 2015 17:48

Instrument :
BNA_M
ClientSampleId :
D9DE4

Tgt Ion:252 Resp: 262097

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	16.6	10.3	15.5#

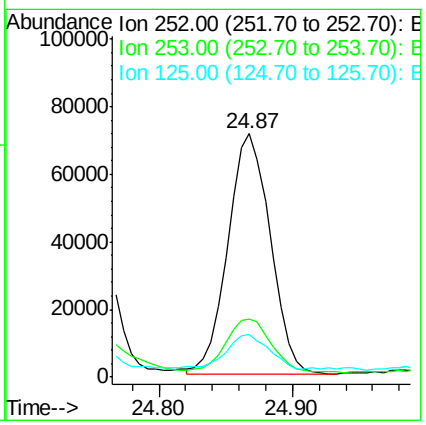


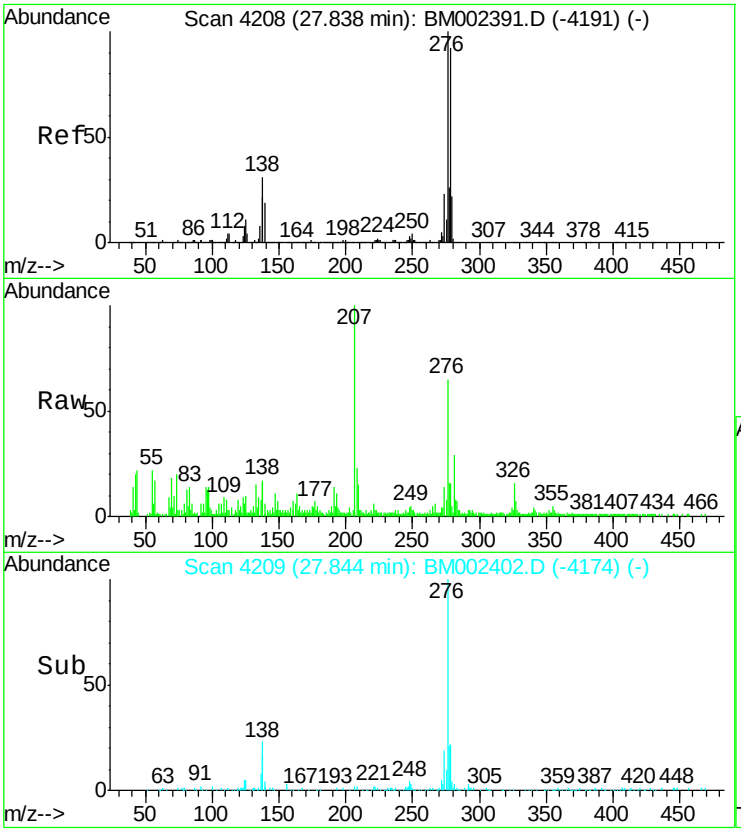


#26
Benzo(a)pyrene
Concen: 4.07 ng/ul
RT: 24.87 min Scan# 3703
Delta R.T. 0.01 min
Lab File: BM002402.D
Acq: 13 Aug 2015 17:48

Tgt Ion:252 Resp: 156762

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	17.3	11.0	16.6#



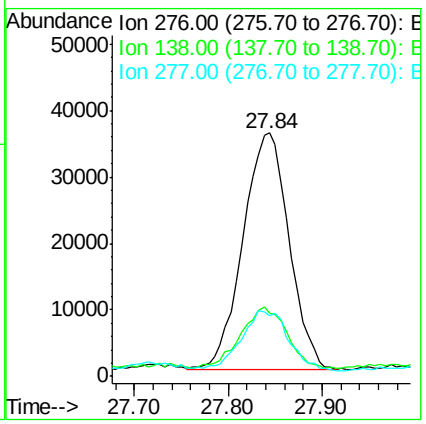


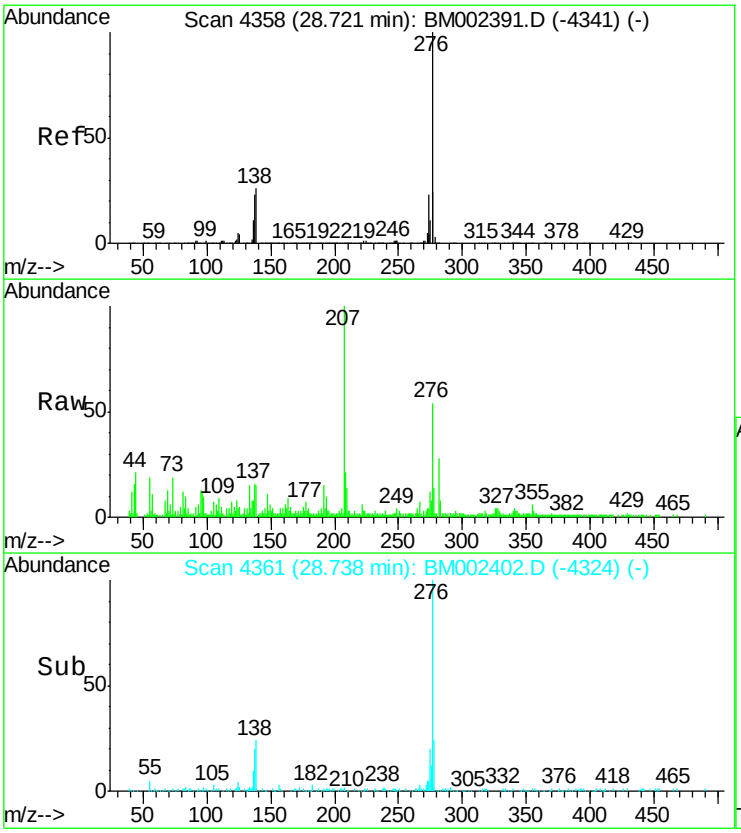
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.74 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. 0.01 min
Lab File: BM002402.D
Acq: 13 Aug 2015 17:48

Instrument :
BNA_M
ClientSampleId :
D9DE4

Tgt Ion:276 Resp: 120765

Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.6	38.4
277	25.0	21.0	31.4





#29
Benzo(g,h,i)perylene
Concen: 3.06 ng/ul
RT: 28.74 min Scan# 4361
Delta R.T. 0.02 min
Lab File: BM002402.D
Acq: 13 Aug 2015 17:48

Tgt Ion:276 Resp: 114054

Ion	Ratio	Lower	Upper
276	100		
138	27.3	20.5	30.7
277	26.1	19.0	28.6