Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002411.D
Acq On : 15 Aug 2015 06:43
Operator : UM/IZ
Sample : G3219-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9DB1

Quant Time: Aug 17 02:55:27 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 02:54:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	141182	20.00	ng/ul	0.00
2) Naphthalene-d8	11.73	136	678969	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.44	164	371954	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	789889	20.00	ng/ul	0.00
17) Chrysene-d12	22.22	240	778797	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	606979	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.15	160	804313	21.15	ng/ul	0.00
10) Fluorene-d10	16.42	176	542371	20.31	ng/ul	0.00
14) Anthracene-d10	18.24	188	783868	20.57	ng/ul	0.00
18) Pyrene-d10	20.46	212	825135	23.90	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.71	264	644629	20.22	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.19	178	87366	1.92	ng/ul	99
16) Fluoranthene	20.13	202	188392	3.65	ng/ul	99
19) Pyrene	20.49	202	167047	3.66	ng/ul	99
20) Benzo(a)anthracene	22.20	228	95938	2.06	ng/ul	98
21) Chrysene	22.26	228	115319	2.65	ng/ul	97
23) Benzo(b)fluoranthene	24.06	252	161377	4.40	ng/ul#	96
26) Benzo(a)pyrene	24.76	252	82525	2.35	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.68	276	63243	1.57	ng/ul	95
29) Benzo(g,h,i)perylene	28.55	276	60851	1.81	ng/ul	96

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

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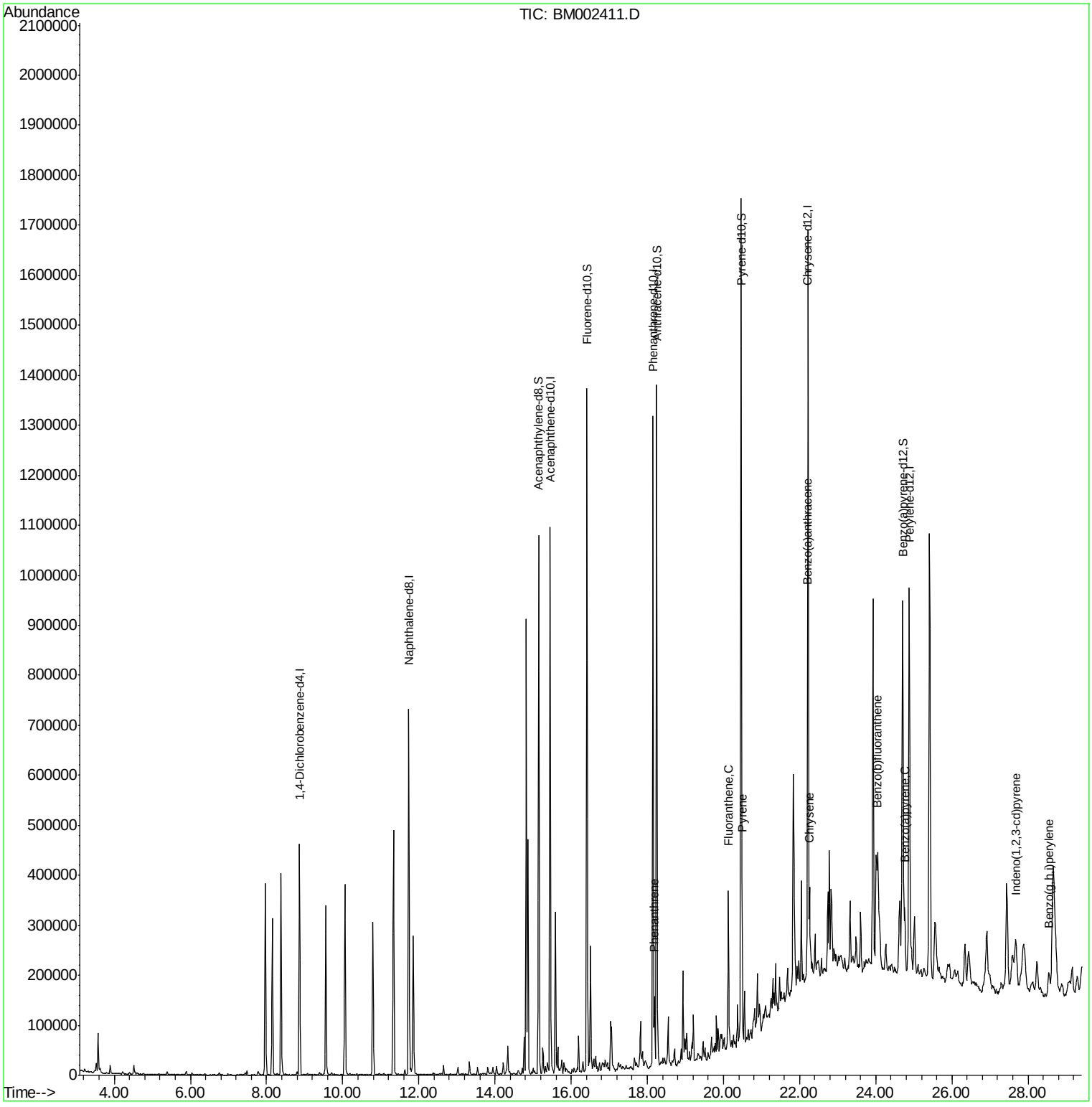
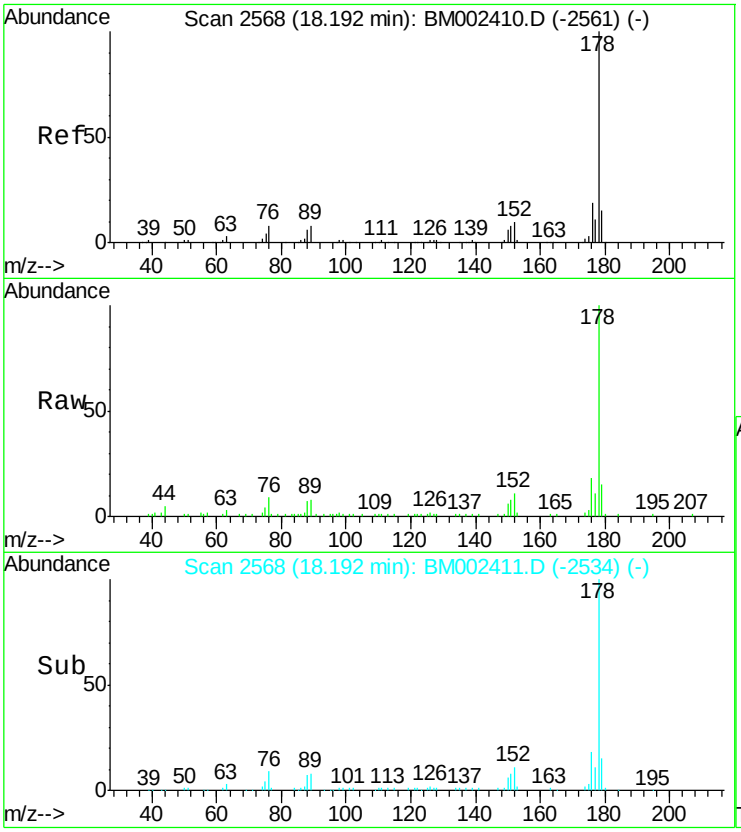


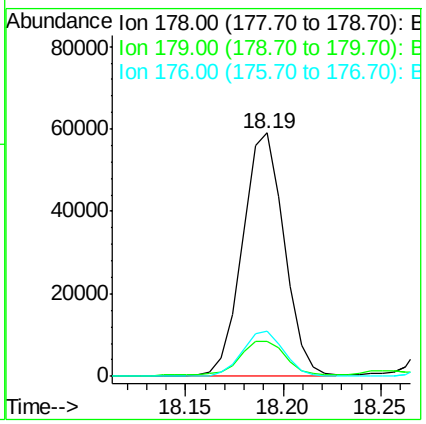


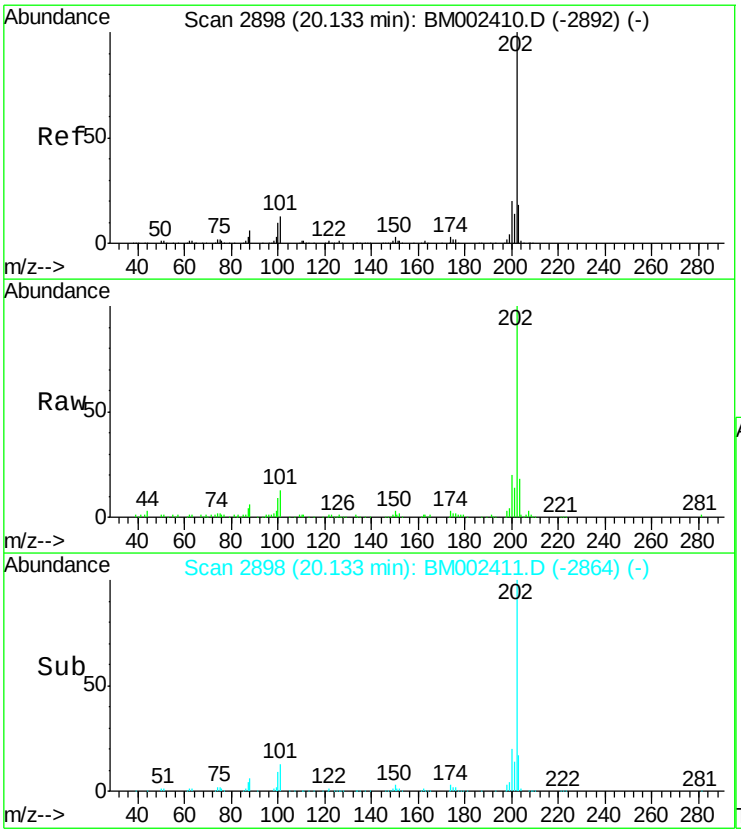
#13
Phenanthrene
Concen: 1.92 ng/ul
RT: 18.19 min Scan# 2568
Delta R.T. 0.00 min
Lab File: BM002411.D
Acq: 15 Aug 2015 06:43

Instrument :
BNA_M
ClientSampleId :
D9DB1

Tgt Ion:178 Resp: 87366

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.4	18.6
176	18.5	15.1	22.7

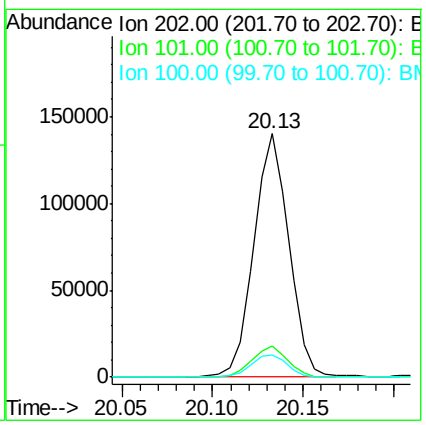


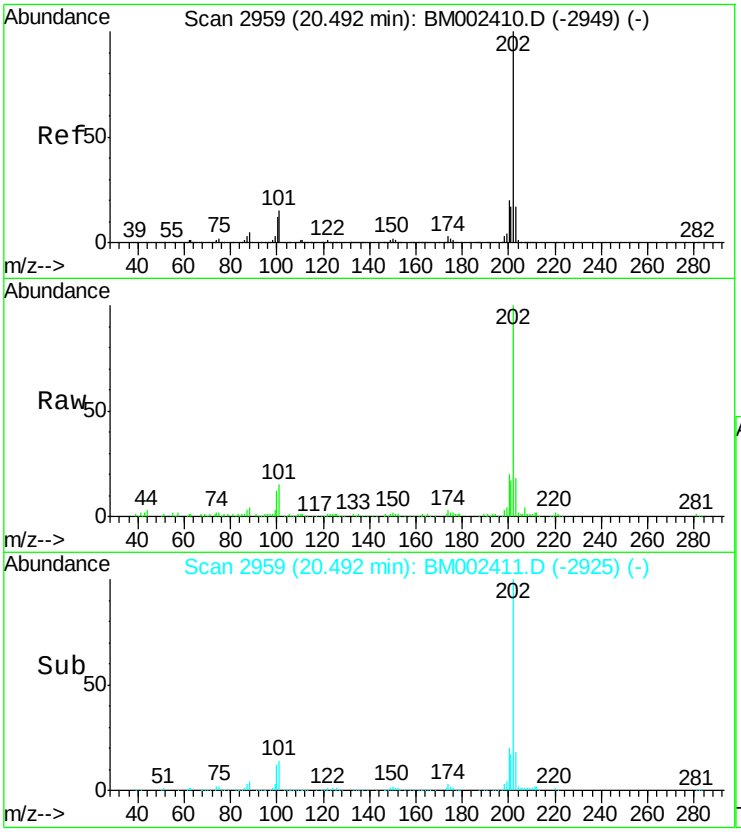


#16
Fluoranthene
Concen: 3.65 ng/ul
RT: 20.13 min Scan# 2898
Delta R.T. 0.00 min
Lab File: BM002411.D
Acq: 15 Aug 2015 06:43

Tgt Ion:202 Resp: 188392

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.7	14.5
100	9.0	7.4	11.2



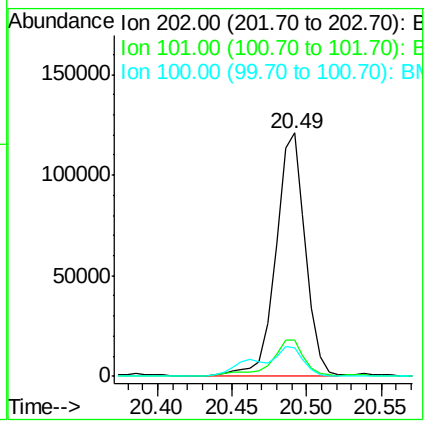


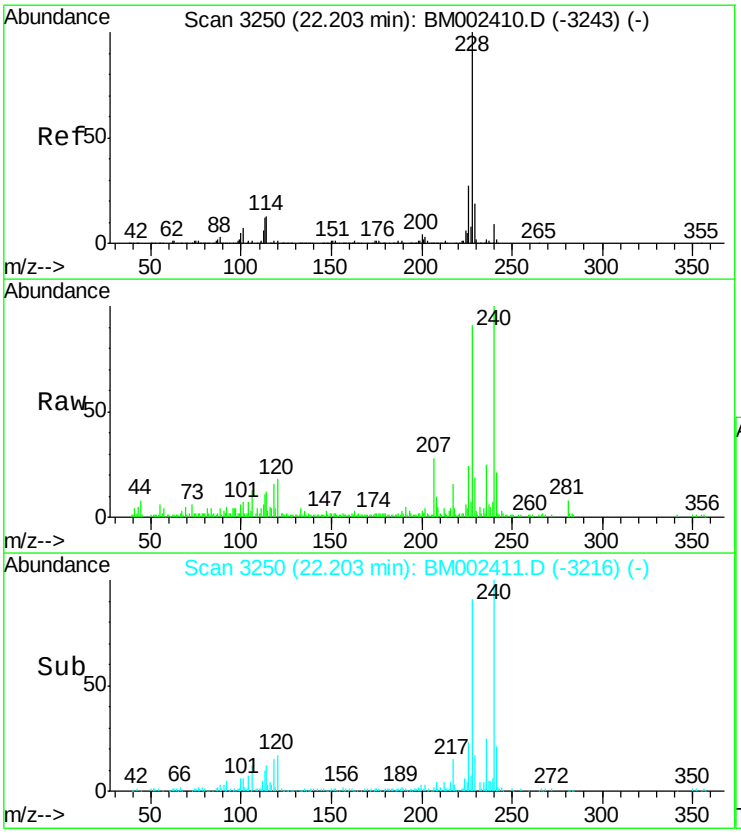
#19
Pyrene
Concen: 3.66 ng/ul
RT: 20.49 min Scan# 2959
Delta R.T. 0.00 min
Lab File: BM002411.D
Acq: 15 Aug 2015 06:43

Instrument :
BNA_M
ClientSampleId :
D9DB1

Tgt Ion:202 Resp: 167047

Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.0	18.0
100	11.6	9.7	14.5

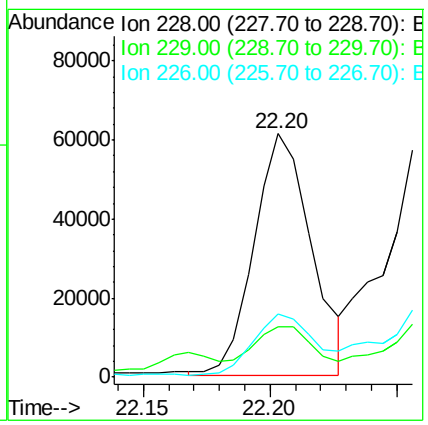


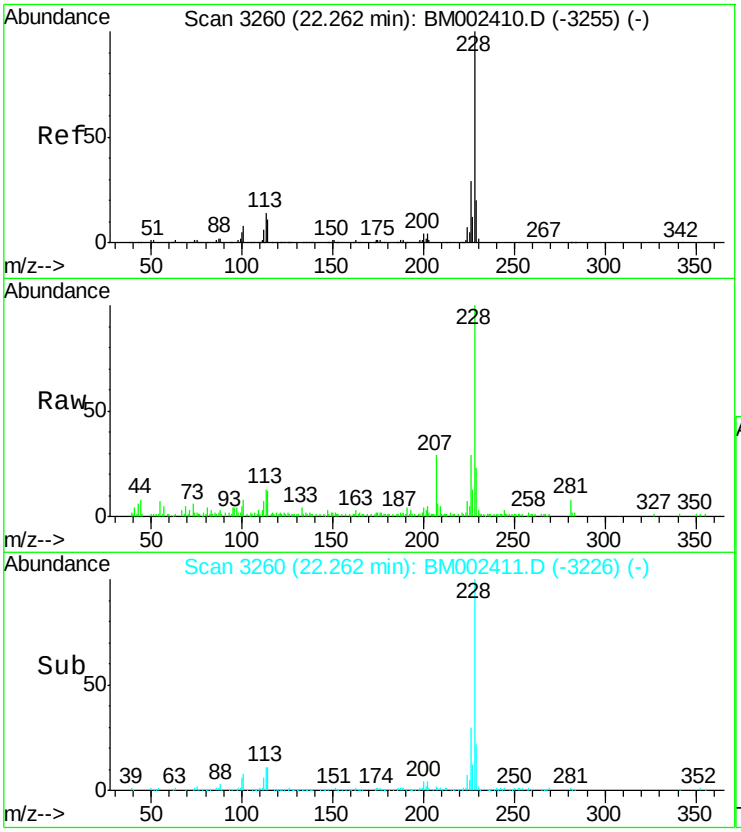


#20
Benzo(a)anthracene
Concen: 2.06 ng/ul
RT: 22.20 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BM002411.D
Acq: 15 Aug 2015 06:43

Tgt Ion:228 Resp: 95938

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	26.0	21.1	31.7



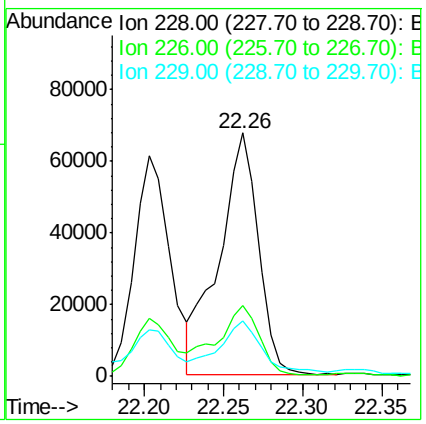


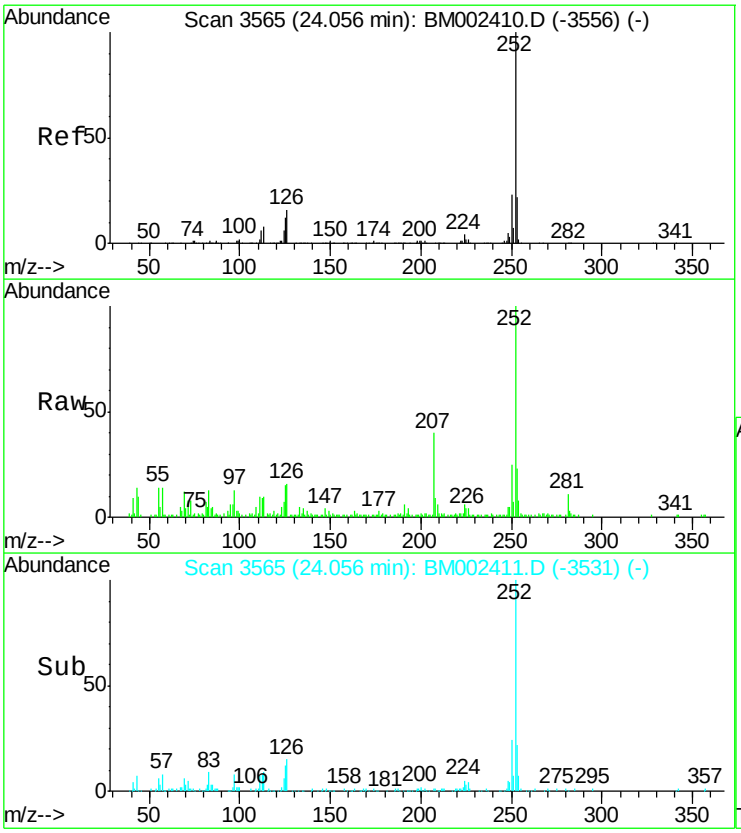
#21
Chrysene
Concen: 2.65 ng/ul
RT: 22.26 min Scan# 3260
Delta R.T. 0.00 min
Lab File: BM002411.D
Acq: 15 Aug 2015 06:43

Instrument :
BNA_M
ClientSampleId :
D9DB1

Tgt Ion:228 Resp: 115319

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	22.9	15.7	23.5

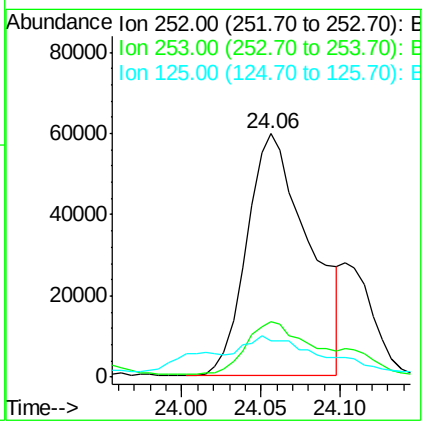


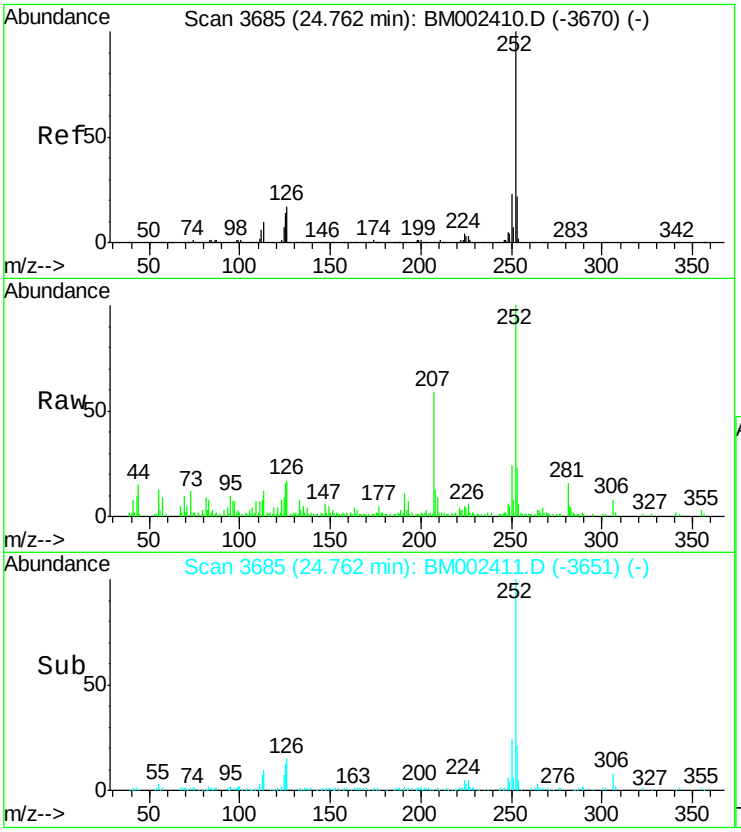


#23
Benzo(b)fluoranthene
Concen: 4.40 ng/ul
RT: 24.06 min Scan# 3565
Delta R.T. 0.00 min
Lab File: BM002411.D
Acq: 15 Aug 2015 06:43

Tgt Ion:252 Resp: 161377

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	15.1	10.0	15.0#



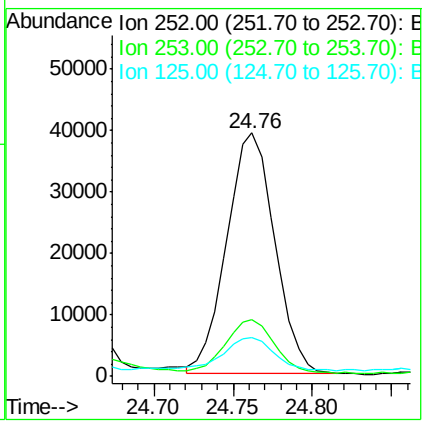


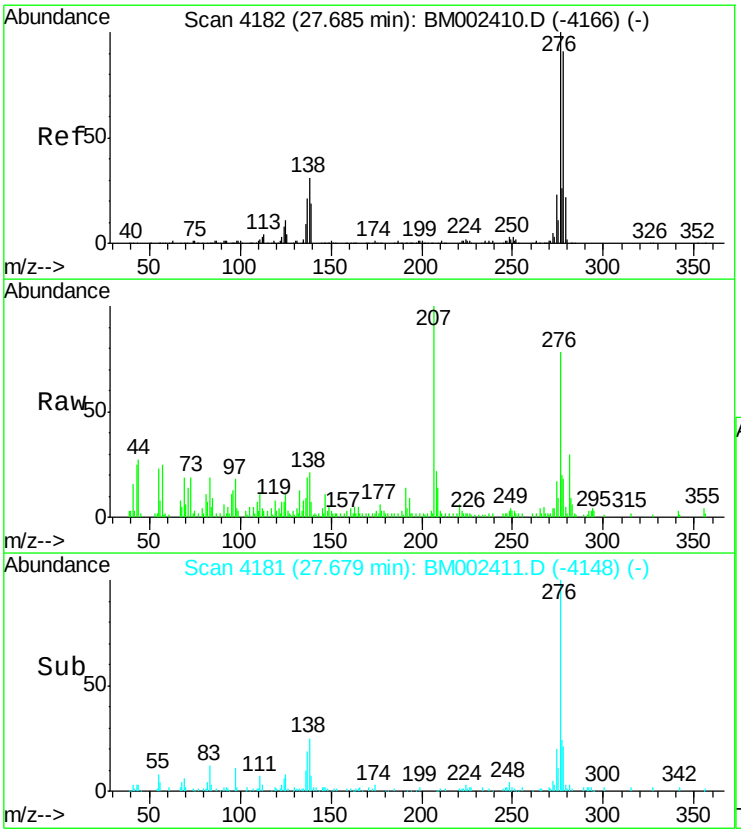
#26
Benzo(a)pyrene
Concen: 2.35 ng/ul
RT: 24.76 min Scan# 3685
Delta R.T. 0.00 min
Lab File: BM002411.D
Acq: 15 Aug 2015 06:43

Instrument :
BNA_M
ClientSampleId :
D9DB1

Tgt Ion:252 Resp: 82525

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	16.0	10.7	16.1

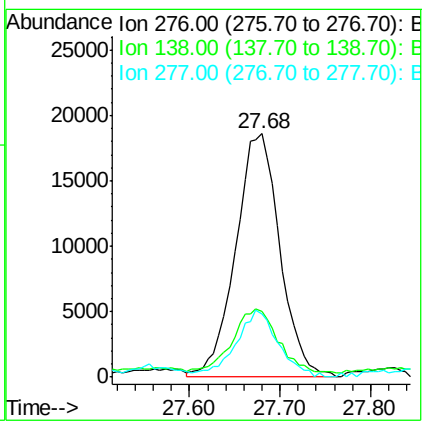


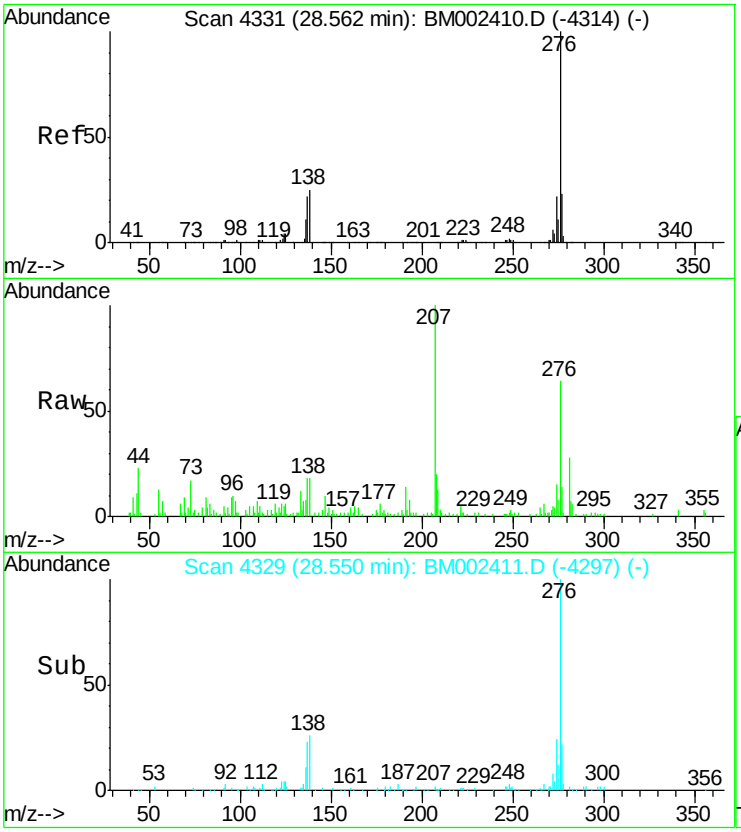


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.57 ng/ul
RT: 27.68 min Scan# 4181
Delta R.T. -0.01 min
Lab File: BM002411.D
Acq: 15 Aug 2015 06:43

Tgt Ion:276 Resp: 63243

Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.3	37.9
277	26.1	20.2	30.2





#29
Benzo(g,h,i)perylene
Concen: 1.81 ng/ul
RT: 28.55 min Scan# 4329
Delta R.T. -0.01 min
Lab File: BM002411.D
Acq: 15 Aug 2015 06:43

Instrument :
BNA_M
ClientSampleId :
D9DB1

Tgt Ion:276 Resp: 60851

Ion	Ratio	Lower	Upper
276	100		
138	27.9	21.0	31.6
277	21.5	19.2	28.8