Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002426.D
Acq On : 15 Aug 2015 15:58
Operator : UM/IZ
Sample : G3219-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9DA8

Quant Time: Aug 17 02:57:53 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	162565	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	678308	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	341340	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	666392	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	449589	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	393004	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.15	160	526578	15.09	ng/ul	0.00
10) Fluorene-d10	16.42	176	356423	14.54	ng/ul	0.00
14) Anthracene-d10	18.25	188	491203	15.28	ng/ul	0.00
18) Pyrene-d10	20.47	212	425789	21.37	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.72	264	289539	14.03	ng/ul	0.01
Target Compounds						Qvalue
13) Phenanthrene	18.20	178	84503	2.20	ng/ul	99
16) Fluoranthene	20.14	202	151731	3.48	ng/ul	99
19) Pyrene	20.50	202	133602	5.07	ng/ul	98
20) Benzo(a)anthracene	22.22	228	61726	2.30	ng/ul#	95
21) Chrysene	22.27	228	78099	3.11	ng/ul#	95
23) Benzo(b)fluoranthene	24.07	252	106696	4.49	ng/ul#	94
26) Benzo(a)pyrene	24.78	252	62998	2.78	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	27.71	276	51919	1.99	ng/ul	93
29) Benzo(g,h,i)perylene	28.59	276	58980	2.71	ng/ul#	93

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

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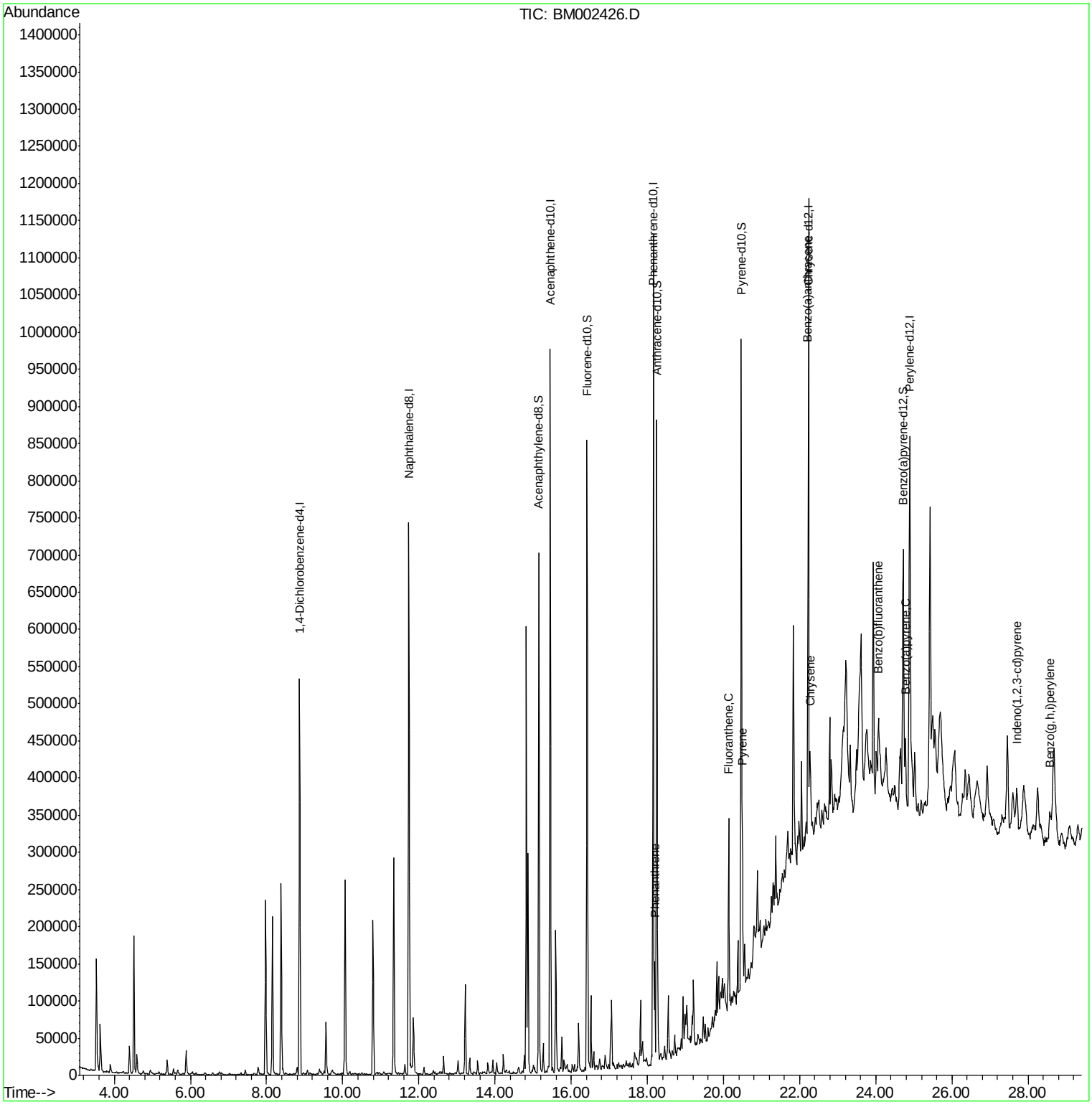
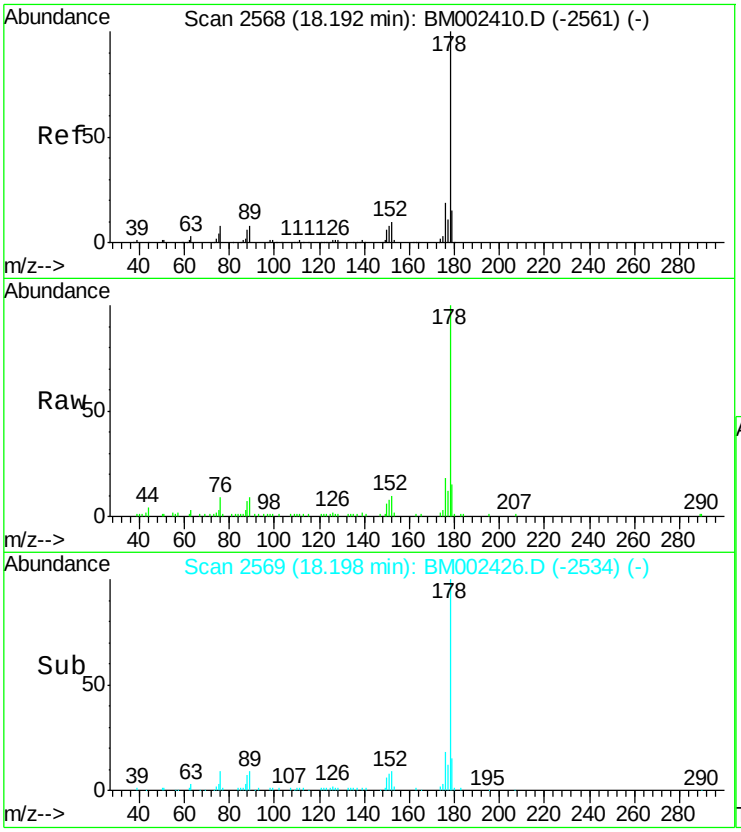


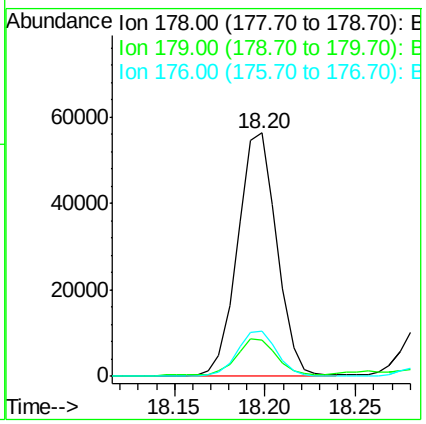


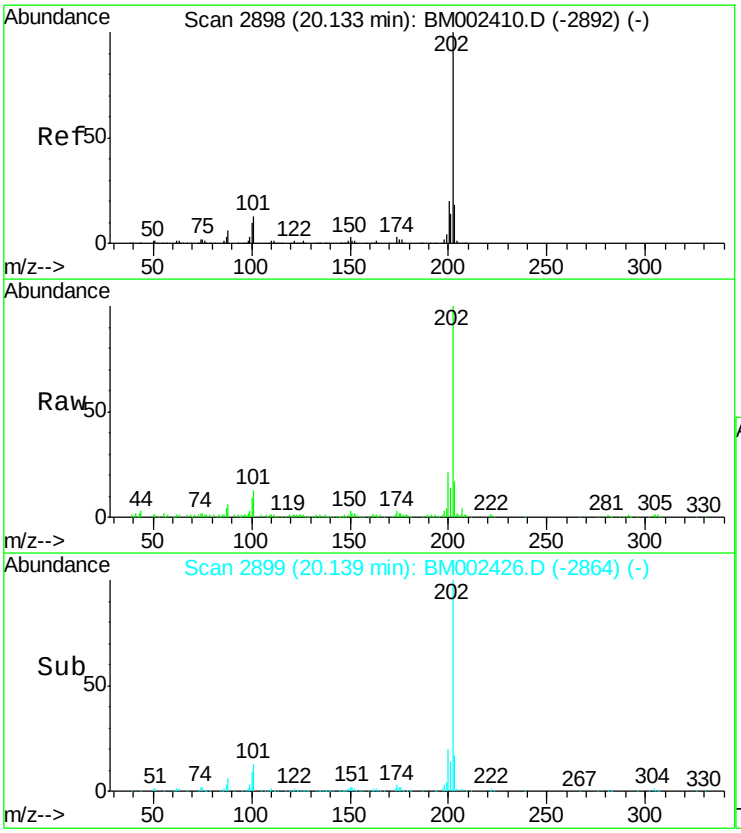
#13
Phenanthrene
Concen: 2.20 ng/ul
RT: 18.20 min Scan# 2569
Delta R.T. 0.01 min
Lab File: BM002426.D
Acq: 15 Aug 2015 15:58

Instrument :
BNA_M
ClientSampleId :
D9DA8

Tgt Ion:178 Resp: 84503

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.4	18.6
176	18.4	15.1	22.7

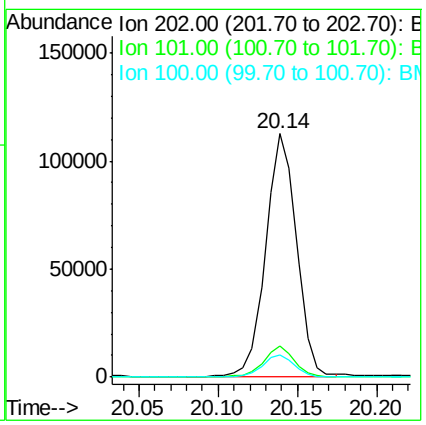


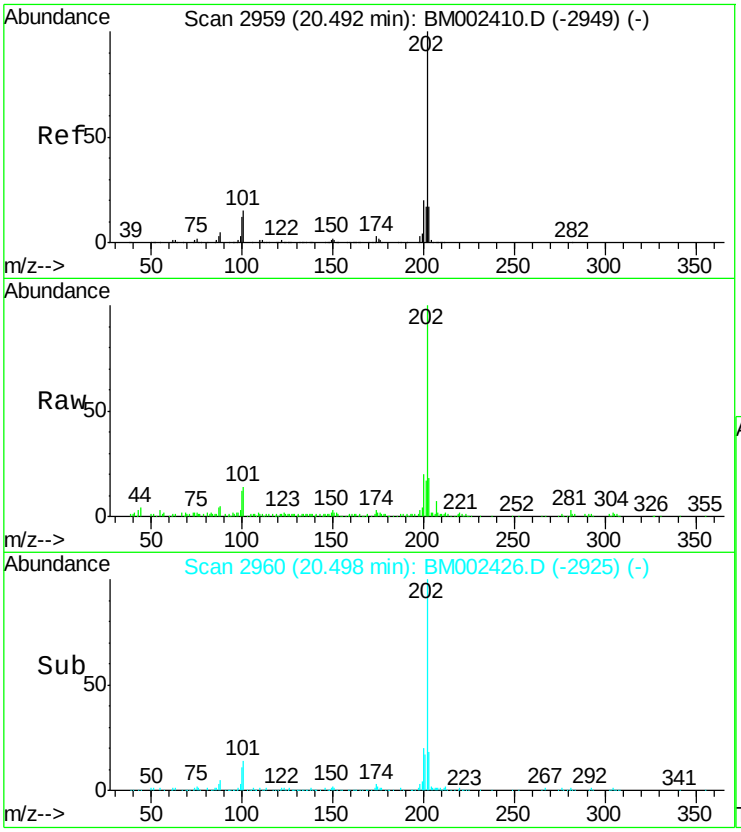


#16
Fluoranthene
Concen: 3.48 ng/ul
RT: 20.14 min Scan# 2899
Delta R.T. 0.01 min
Lab File: BM002426.D
Acq: 15 Aug 2015 15:58

Tgt Ion:202 Resp: 151731

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.7	14.5
100	9.3	7.4	11.2



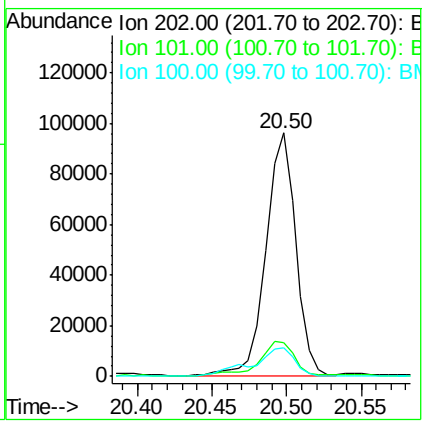


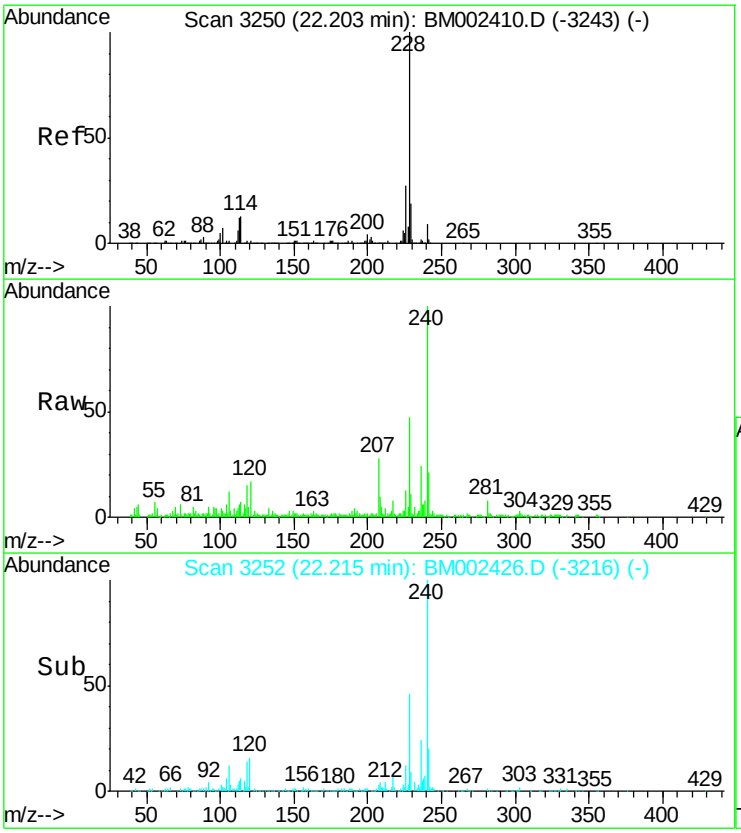
#19
Pyrene
Concen: 5.07 ng/ul
RT: 20.50 min Scan# 2960
Delta R.T. 0.01 min
Lab File: BM002426.D
Acq: 15 Aug 2015 15:58

Instrument :
BNA_M
ClientSampleId :
D9DA8

Tgt Ion:202 Resp: 133602

Ion	Ratio	Lower	Upper
202	100		
101	14.0	12.0	18.0
100	11.6	9.7	14.5

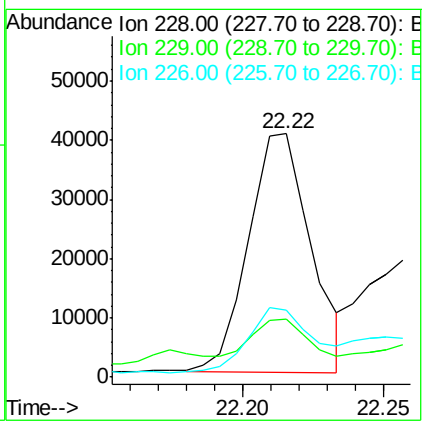


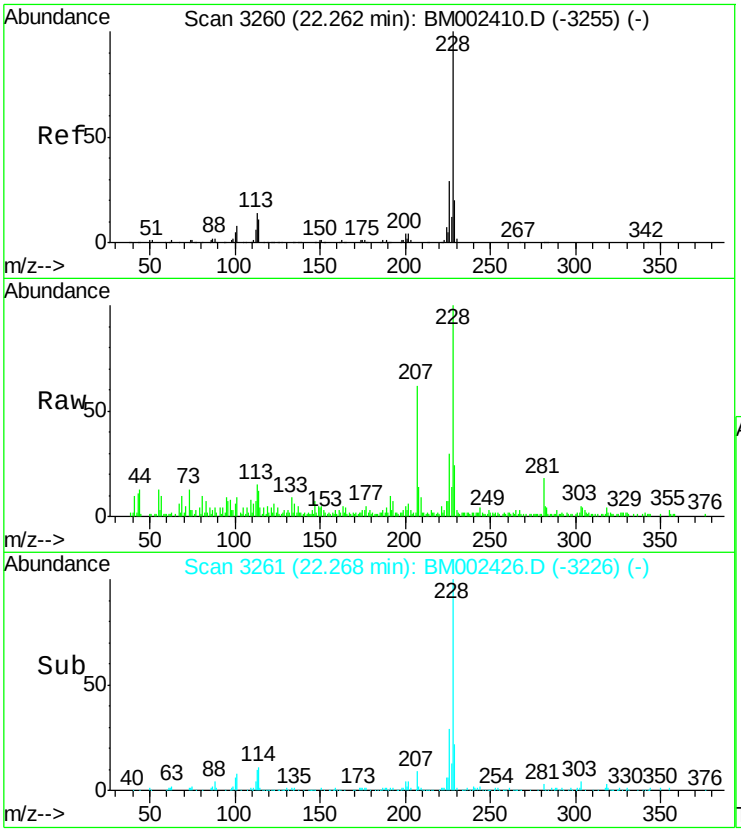


#20
Benzo(a)anthracene
Concen: 2.30 ng/ul
RT: 22.22 min Scan# 3252
Delta R.T. 0.01 min
Lab File: BM002426.D
Acq: 15 Aug 2015 15:58

Tgt Ion:228 Resp: 61726

Ion	Ratio	Lower	Upper
228	100		
229	23.8	15.8	23.6#
226	27.7	21.1	31.7



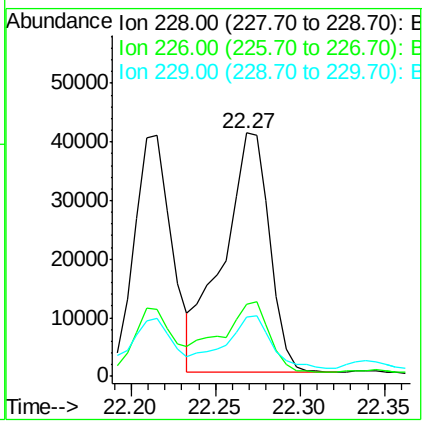


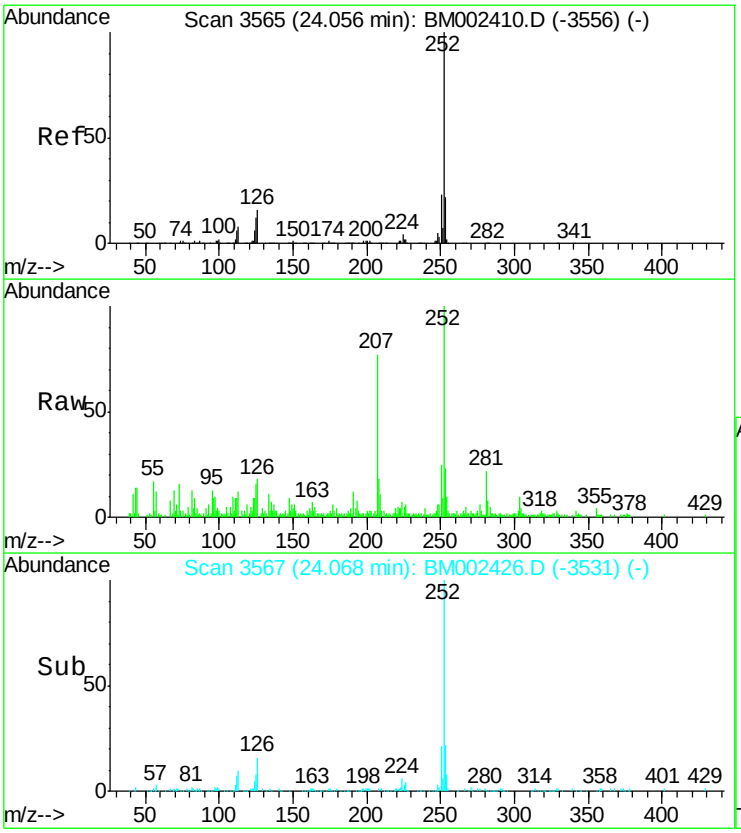
#21
Chrysene
Concen: 3.11 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.01 min
Lab File: BM002426.D
Acq: 15 Aug 2015 15:58

Instrument :
BNA_M
ClientSampleId :
D9DA8

Tgt Ion:228 Resp: 78099

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	24.5	15.7	23.5#

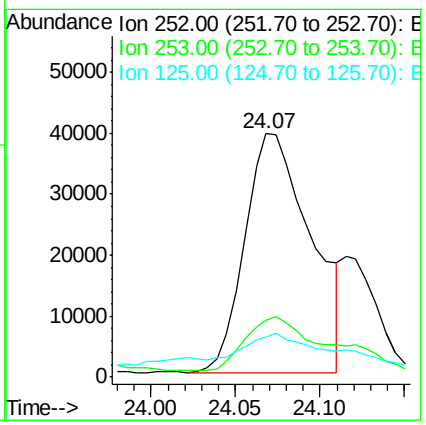


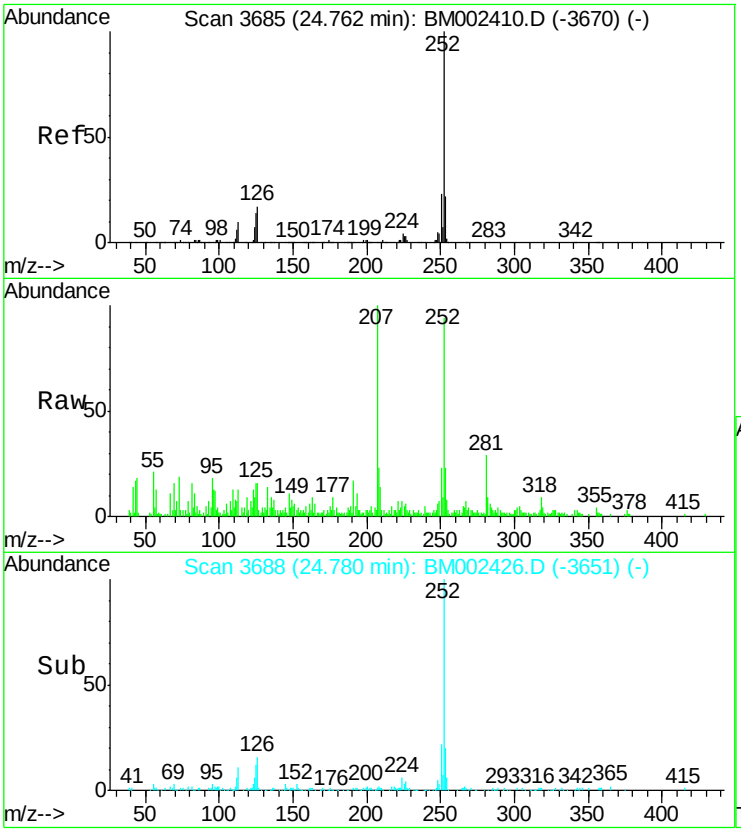


#23
Benzo(b)fluoranthene
Concen: 4.49 ng/ul
RT: 24.07 min Scan# 3567
Delta R.T. 0.01 min
Lab File: BM002426.D
Acq: 15 Aug 2015 15:58

Tgt Ion:252 Resp: 106696

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	16.2	10.0	15.0#



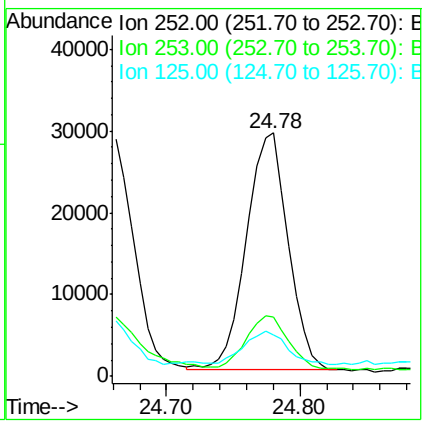


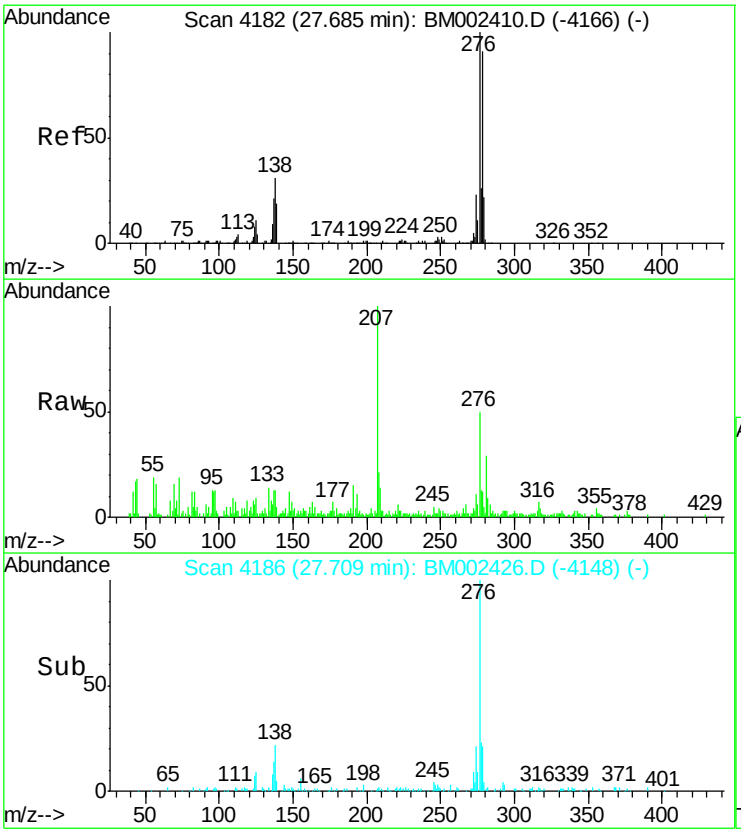
#26
Benzo(a)pyrene
Concen: 2.78 ng/ul
RT: 24.78 min Scan# 3688
Delta R.T. 0.02 min
Lab File: BM002426.D
Acq: 15 Aug 2015 15:58

Instrument :
BNA_M
ClientSampleId :
D9DA8

Tgt Ion:252 Resp: 62998

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	17.2	10.7	16.1#

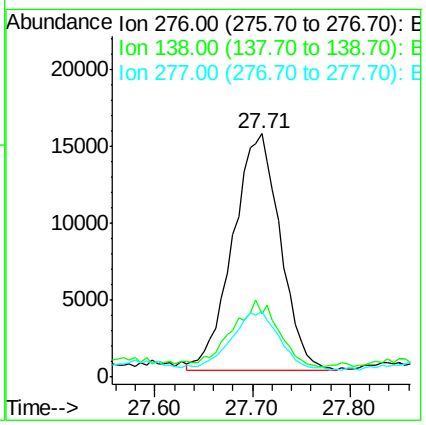


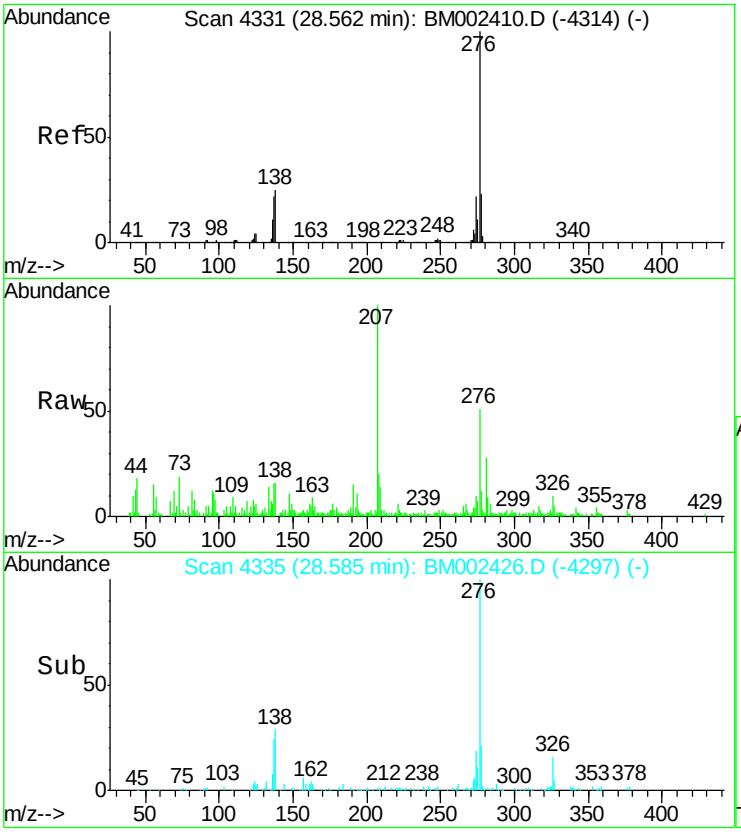


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.99 ng/ul
RT: 27.71 min Scan# 4186
Delta R.T. 0.02 min
Lab File: BM002426.D
Acq: 15 Aug 2015 15:58

Tgt Ion:276 Resp: 51919

Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.3	37.9
277	27.0	20.2	30.2





#29
Benzo(g,h,i)perylene
Concen: 2.71 ng/ul
RT: 28.59 min Scan# 4335
Delta R.T. 0.02 min
Lab File: BM002426.D
Acq: 15 Aug 2015 15:58

Instrument :
BNA_M
ClientSampleId :
D9DA8

Tgt Ion:276 Resp: 58980

Ion	Ratio	Lower	Upper
276	100		
138	32.6	21.0	31.6#
277	24.2	19.2	28.8