Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002342.D
Acq On : 12 Aug 2015 03:07
Operator : UM/IZ
Sample : G3162-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9C81

Quant Time: Aug 12 04:52:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 04:50:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	220804	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	1027063	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	539757	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1078292	20.00	ng/ul	0.00
17) Chrysene-d12	22.27	240	804080	20.00	ng/ul	0.00
22) Perylene-d12	24.97	264	653422	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1315076	23.52	ng/ul	0.00
10) Fluorene-d10	16.45	176	878067	22.58	ng/ul	0.00
14) Anthracene-d10	18.29	188	1223314	23.38	ng/ul	0.00
18) Pyrene-d10	20.50	212	1103112	28.29	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.79	264	741963	21.39	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.23	178	321162	5.17	ng/ul	99
16) Fluoranthene	20.17	202	481375	7.01	ng/ul	99
19) Pyrene	20.53	202	391726	7.54	ng/ul	97
20) Benzo(a)anthracene	22.26	228	156573	3.19	ng/ul	96
21) Chrysene	22.26	228	156457	3.36	ng/ul	97
23) Benzo(b)fluoranthene	24.13	252	197377	4.86	ng/ul#	97
26) Benzo(a)pyrene	24.84	252	127014	3.27	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	27.80	276	95499	2.14	ng/ul	96
29) Benzo(g,h,i)perylene	28.68	276	48668	1.30	ng/ul	95

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

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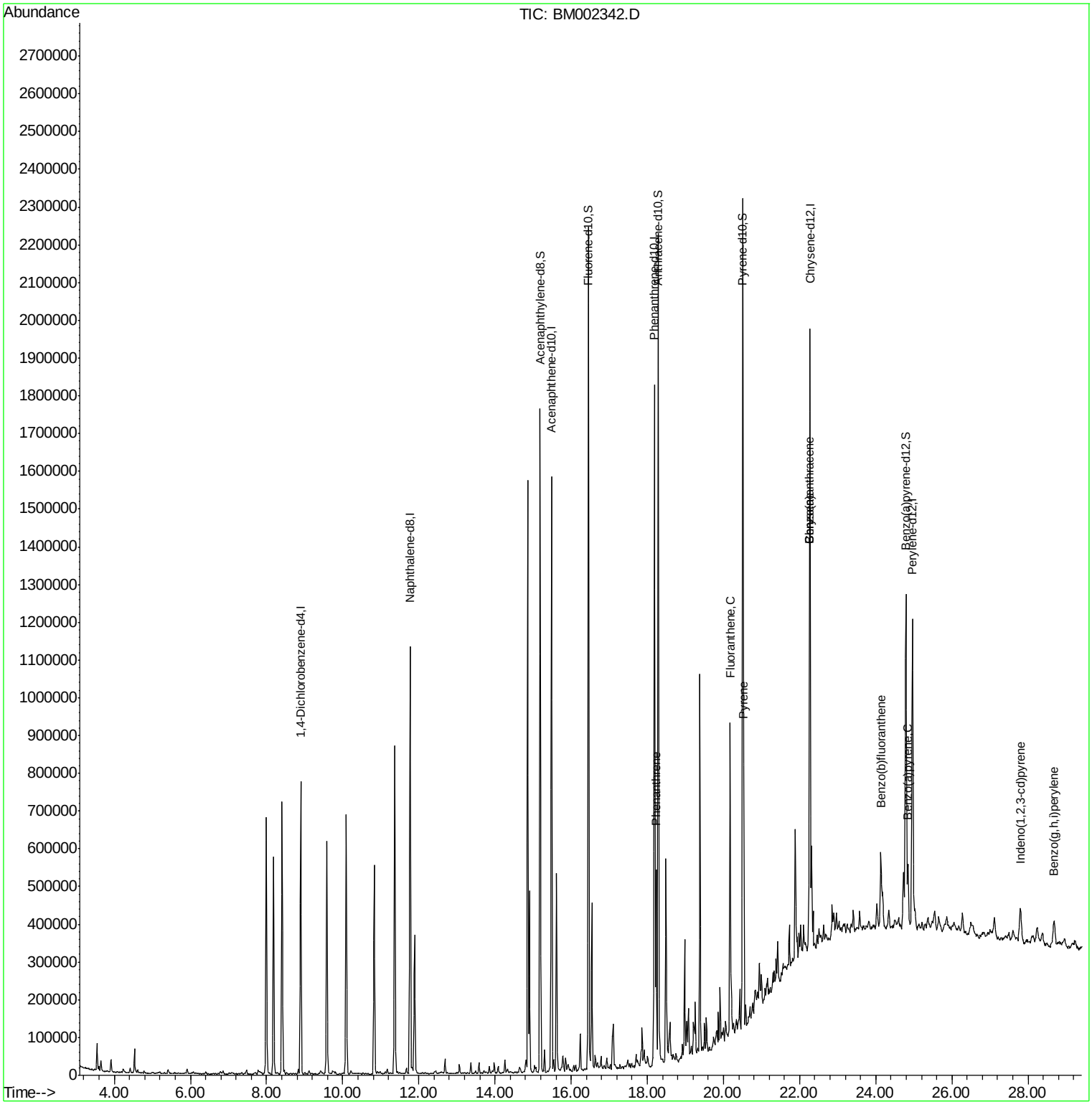
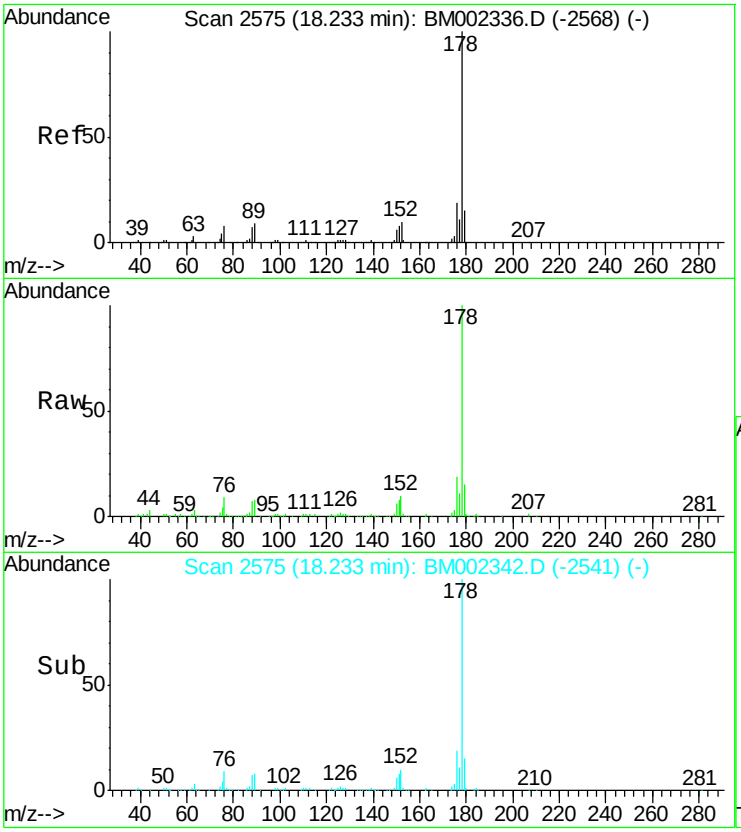


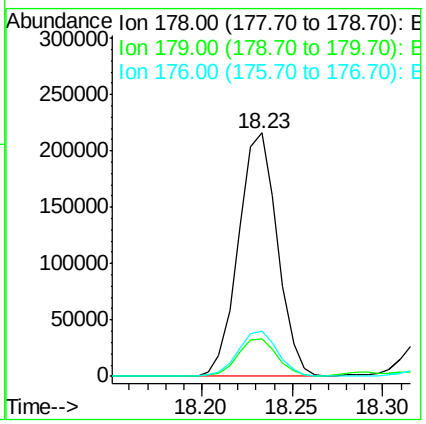


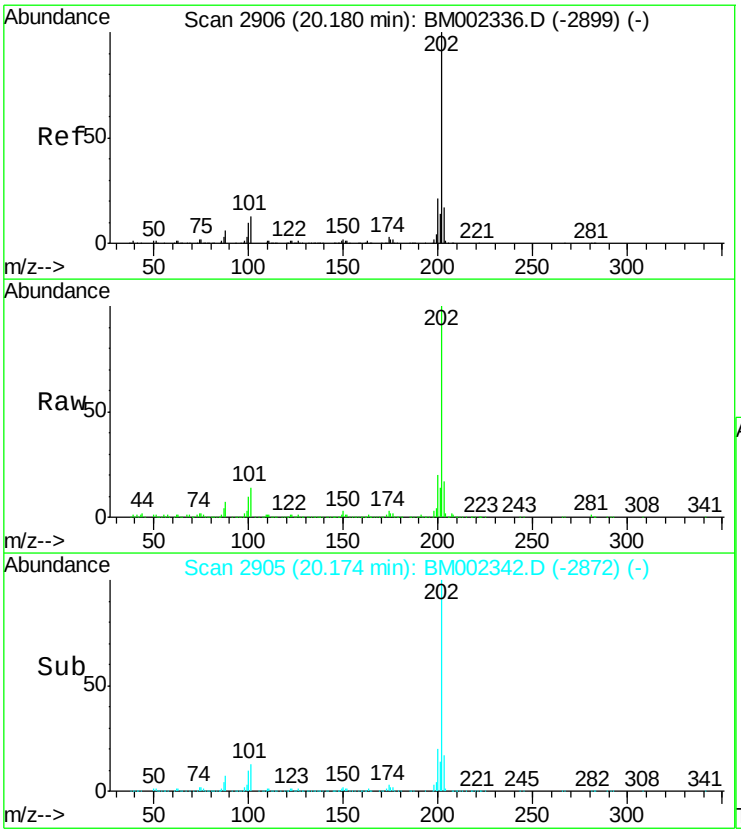
#13
Phenanthrene
Concen: 5.17 ng/ul
RT: 18.23 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BM002342.D
Acq: 12 Aug 2015 03:07

Instrument :
BNA_M
ClientSampleId :
D9C81

Tgt Ion:178 Resp: 321162

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.6	15.3	22.9

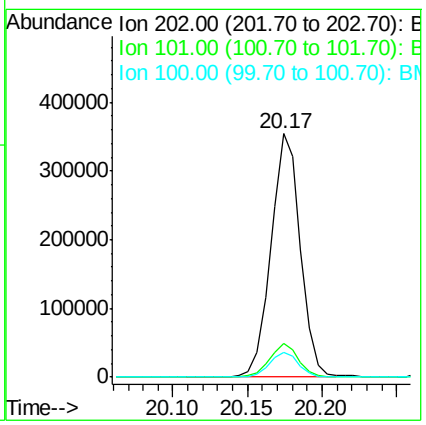


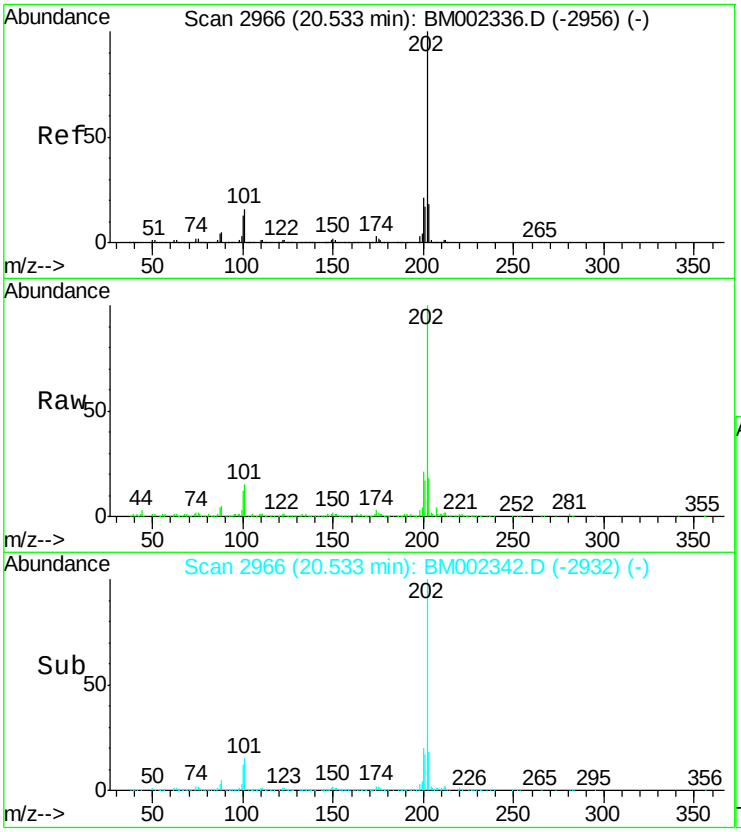


#16
Fluoranthene
Concen: 7.01 ng/ul
RT: 20.17 min Scan# 2905
Delta R.T. -0.01 min
Lab File: BM002342.D
Acq: 12 Aug 2015 03:07

Tgt Ion:202 Resp: 481375

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.6	15.8
100	10.4	8.2	12.4



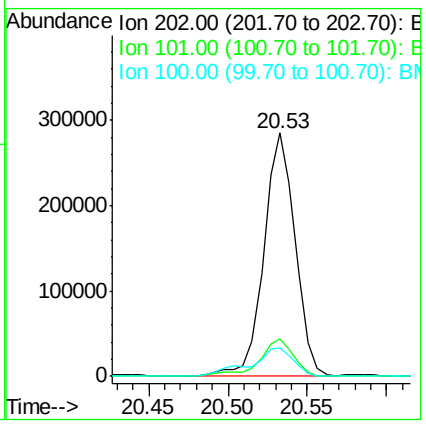


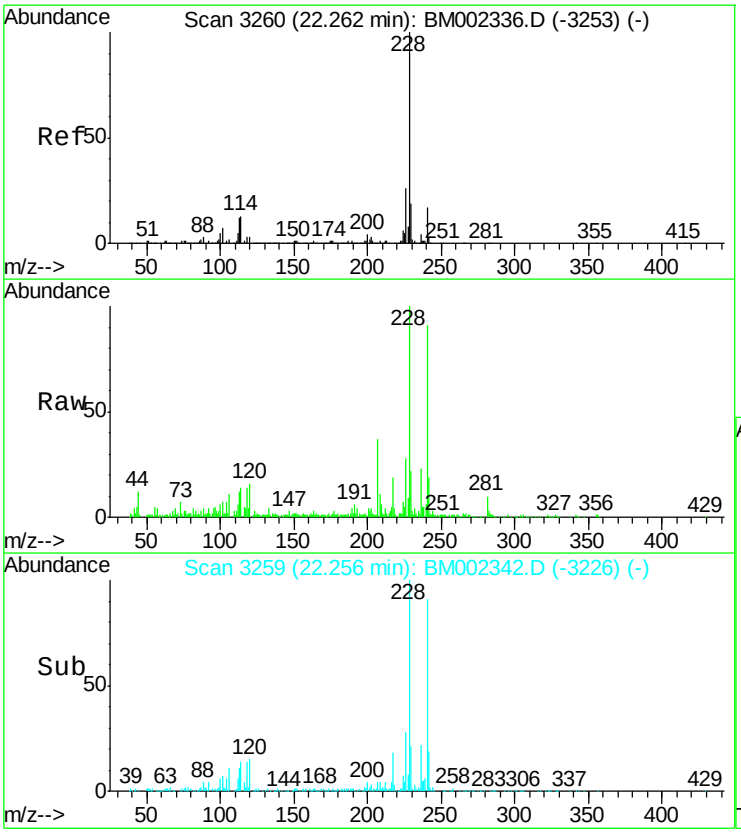
#19
Pyrene
Concen: 7.54 ng/ul
RT: 20.53 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BM002342.D
Acq: 12 Aug 2015 03:07

Instrument :
BNA_M
ClientSampleId :
D9C81

Tgt Ion:202 Resp: 391726

Ion	Ratio	Lower	Upper
202	100		
101	15.3	13.0	19.6
100	12.0	11.0	16.4

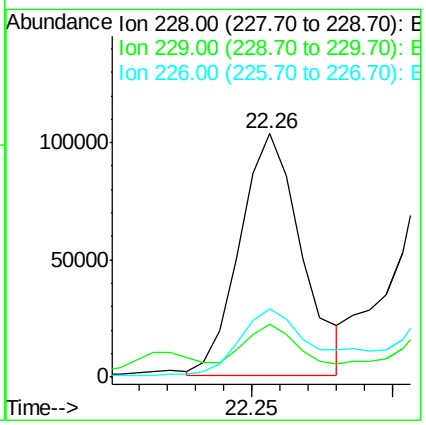


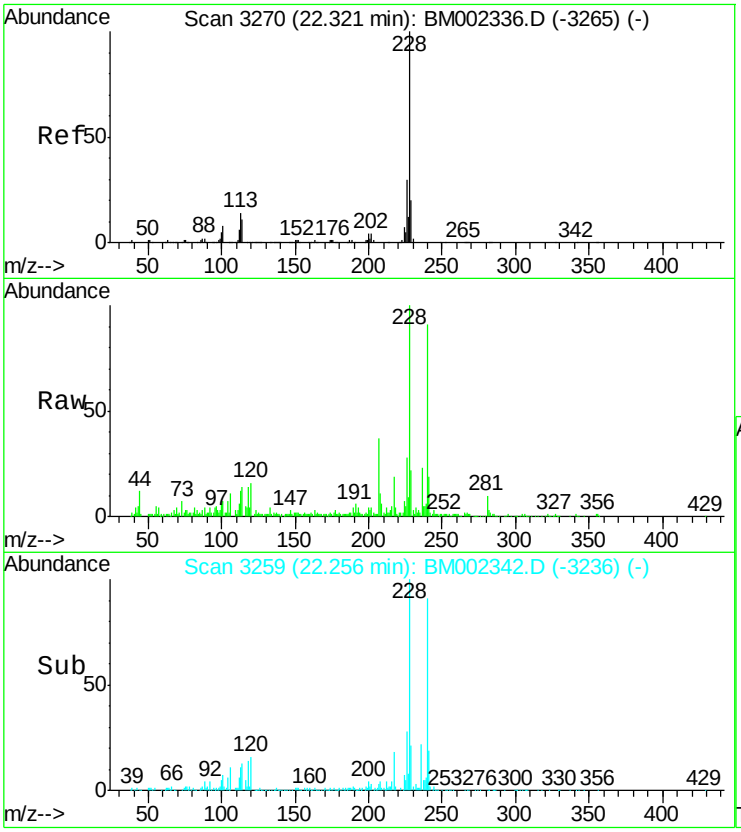


#20
Benzo(a)anthracene
Concen: 3.19 ng/ul
RT: 22.26 min Scan# 3259
Delta R.T. -0.01 min
Lab File: BM002342.D
Acq: 12 Aug 2015 03:07

Tgt Ion:228 Resp: 156573

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.7	23.5
226	28.1	21.4	32.0



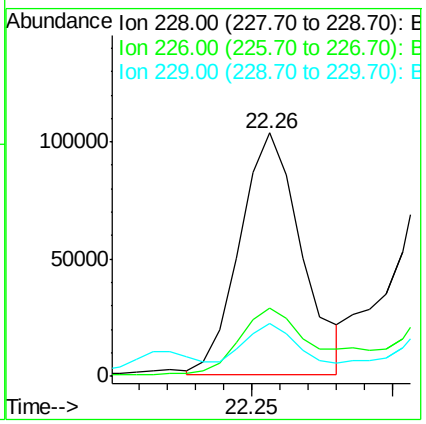


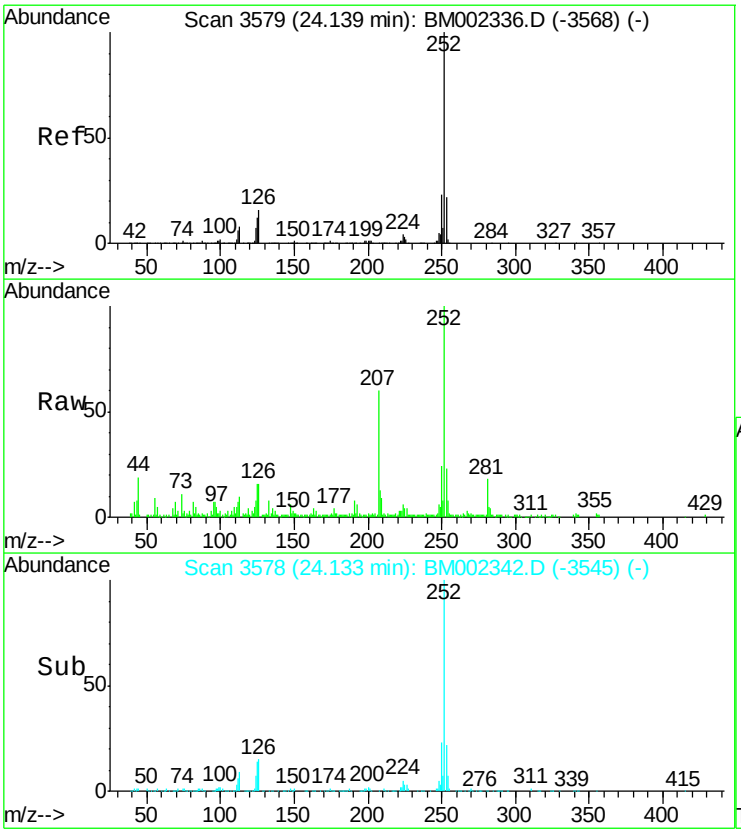
#21
Chrysene
Concen: 3.36 ng/ul
RT: 22.26 min Scan# 3259
Delta R.T. -0.06 min
Lab File: BM002342.D
Acq: 12 Aug 2015 03:07

Instrument :
BNA_M
ClientSampleId :
D9C81

Tgt Ion:228 Resp: 156457

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.4	35.0
229	21.9	15.5	23.3

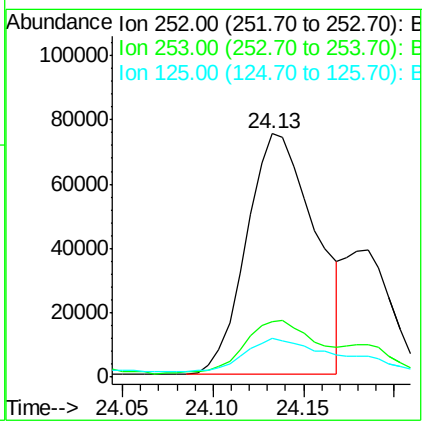


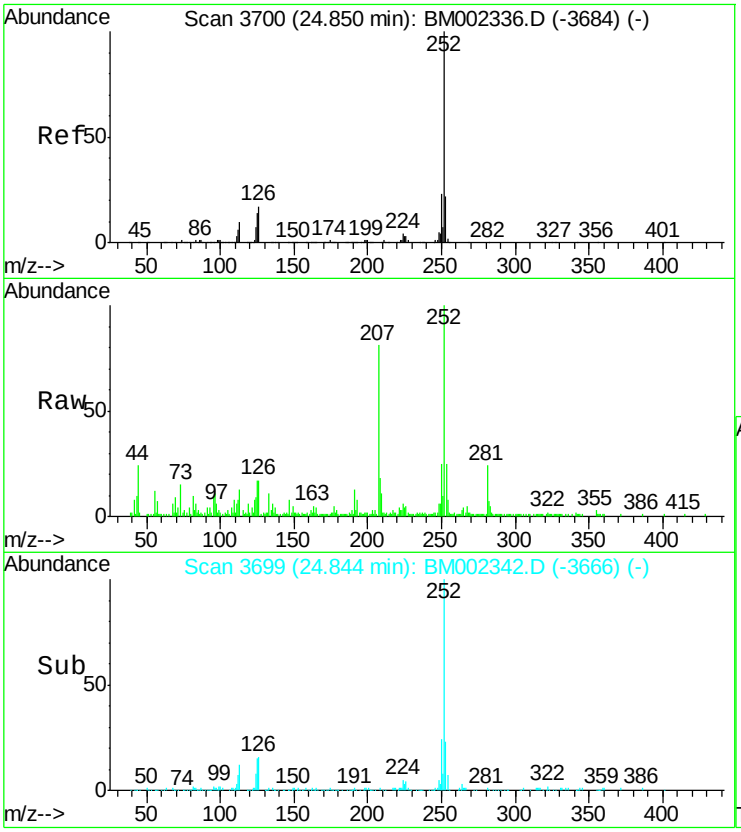


#23
Benzo(b)fluoranthene
Concen: 4.86 ng/ul
RT: 24.13 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BM002342.D
Acq: 12 Aug 2015 03:07

Tgt Ion:252 Resp: 197377

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	15.7	10.3	15.5#



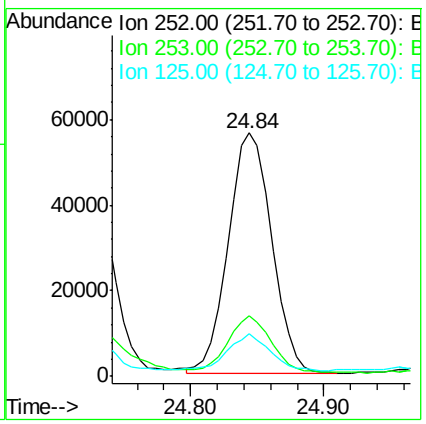


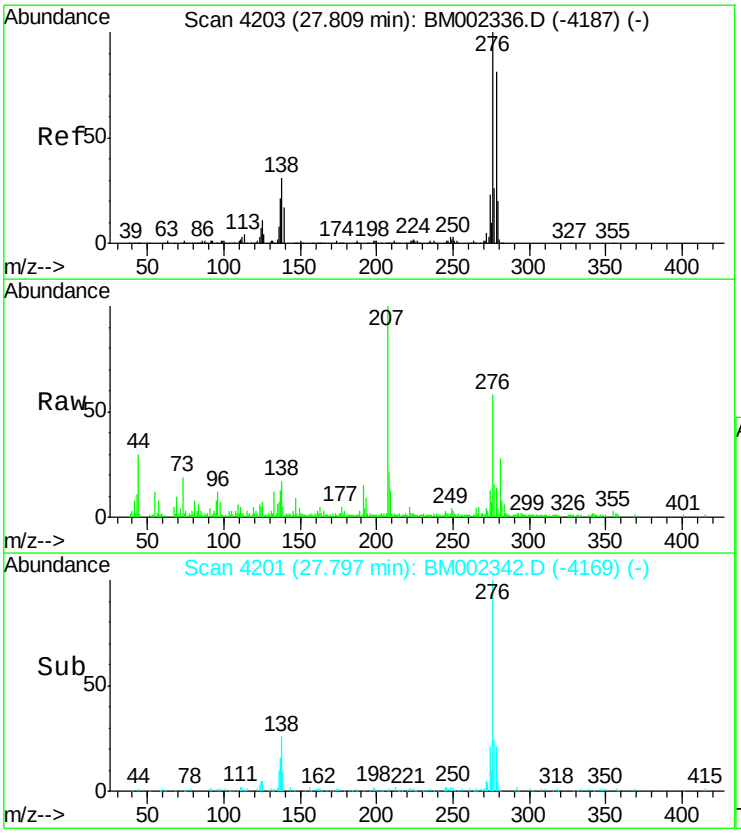
#26
Benzo(a)pyrene
Concen: 3.27 ng/ul
RT: 24.84 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BM002342.D
Acq: 12 Aug 2015 03:07

Instrument :
BNA_M
ClientSampleId :
D9C81

Tgt Ion:252 Resp: 127014

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.3	25.9
125	17.4	11.0	16.6#

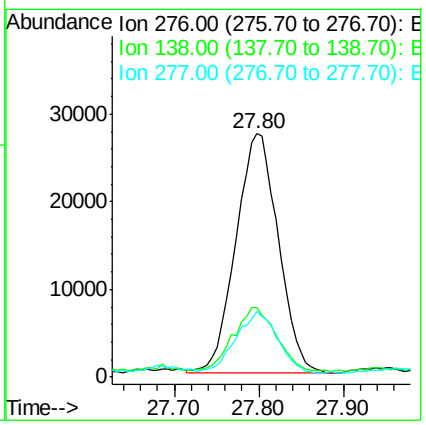


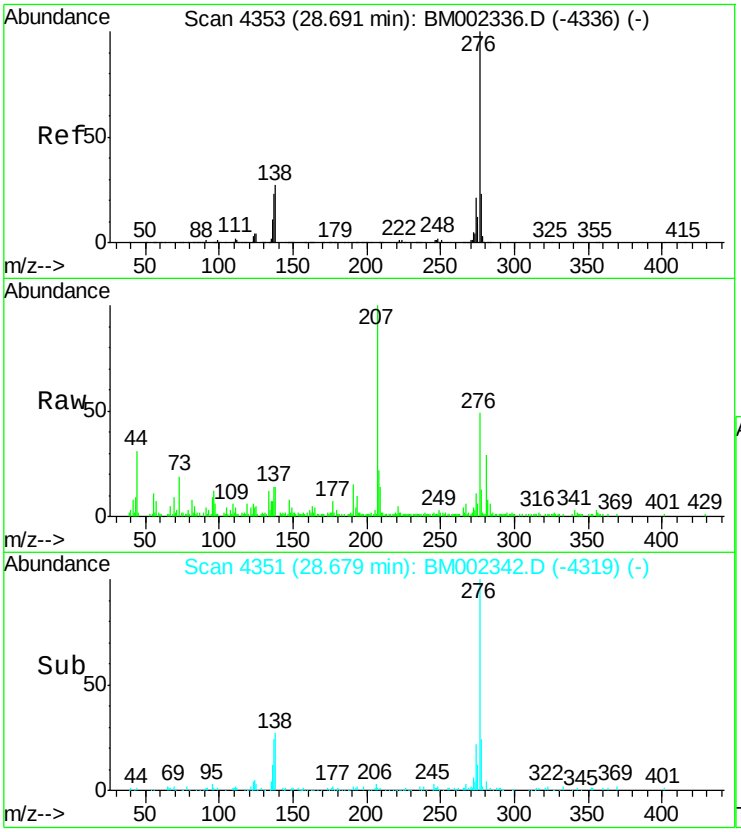


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.14 ng/ul
RT: 27.80 min Scan# 4201
Delta R.T. -0.01 min
Lab File: BM002342.D
Acq: 12 Aug 2015 03:07

Tgt Ion:276 Resp: 95499

Ion	Ratio	Lower	Upper
276	100		
138	28.6	25.6	38.4
277	27.1	21.0	31.4





#29
Benzo(g,h,i)perylene
Concen: 1.30 ng/ul
RT: 28.68 min Scan# 4351
Delta R.T. -0.01 min
Lab File: BM002342.D
Acq: 12 Aug 2015 03:07

Instrument :
BNA_M
ClientSampleId :
D9C81

Tgt Ion:276 Resp: 48668

Ion	Ratio	Lower	Upper
276	100		
138	29.3	20.5	30.7
277	25.5	19.0	28.6