Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009565.D
Acq On : 05 Apr 2017 19:34
Operator : SJ/MA
Sample : I2285-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB335

Quant Time: Apr 06 03:22:58 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 03:22:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	140877	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	539288	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	300704	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	719477	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	1005689	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	971260	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	44217	5.33	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	407992	13.84	ng/ul	0.00
10) Fluorene-d10	15.48	176	319282	15.06	ng/ul	0.00
15) Anthracene-d10	17.33	188	499694	14.52	ng/ul	0.00
19) Pyrene-d10	19.63	212	610875	14.78	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	621071	14.48	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.27	178	256032	6.33	ng/ul	97
16) Anthracene	17.37	178	60572	1.45	ng/ul	93
17) Fluoranthene	19.29	202	503803	10.00	ng/ul#	94
20) Pyrene	19.66	202	459765	8.40	ng/ul	95
21) Benzo(a)anthracene	21.40	228	285809	5.03	ng/ul	97
22) Chrysene	21.45	228	284908	5.47	ng/ul	95
24) Benzo(b)fluoranthene	23.03	252	374968	6.24	ng/ul#	97
25) Benzo(k)fluoranthene	23.03	252	374968	6.55	ng/ul#	96
27) Benzo(a)pyrene	23.63	252	259455	4.54	ng/ul#	97
28) Indeno(1,2,3-cd)pyrene	26.08	276	174221	2.72	ng/ul	94
30) Benzo(g,h,i)perylene	26.81	276	160984	3.05	ng/ul#	92

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

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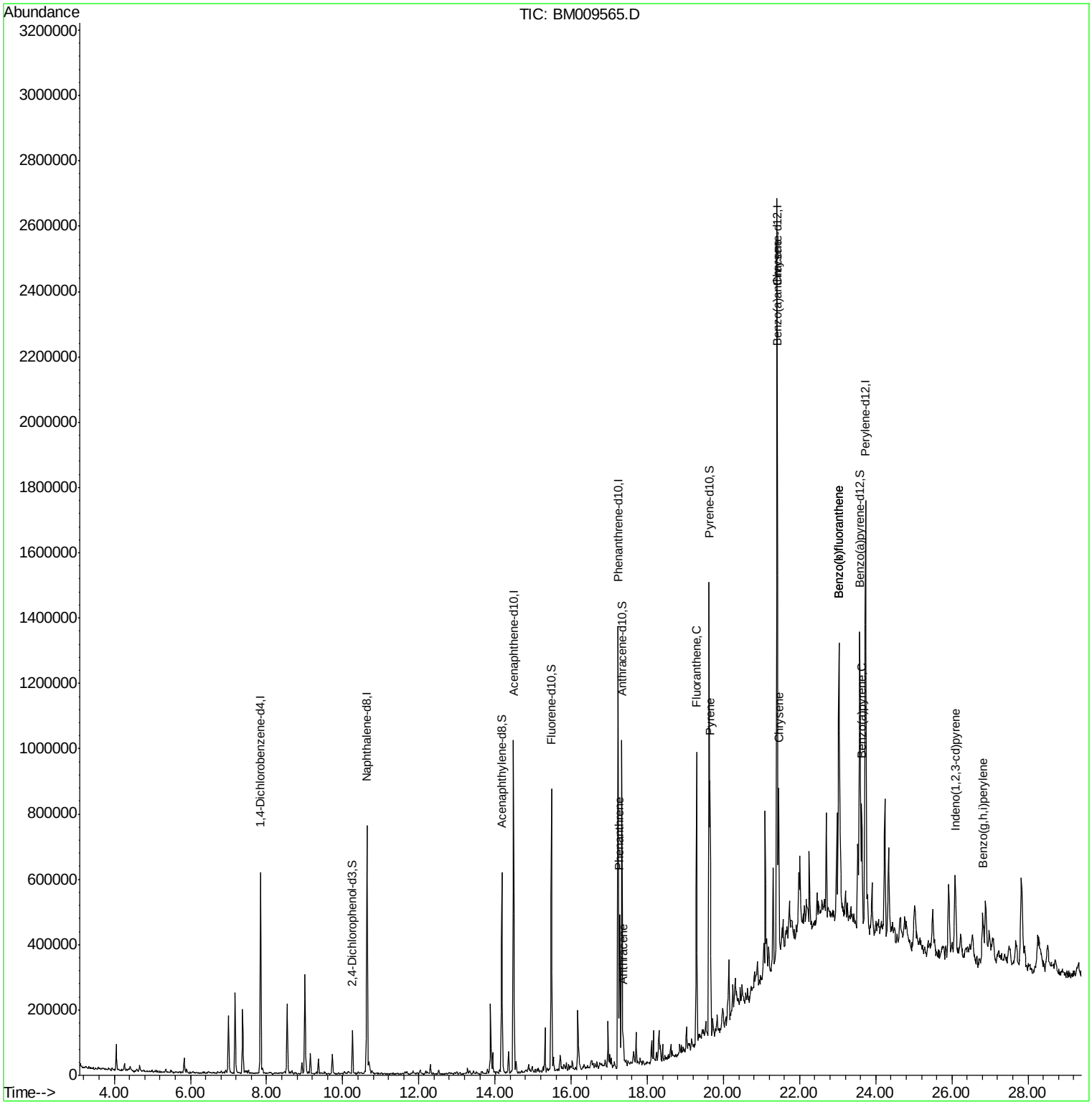
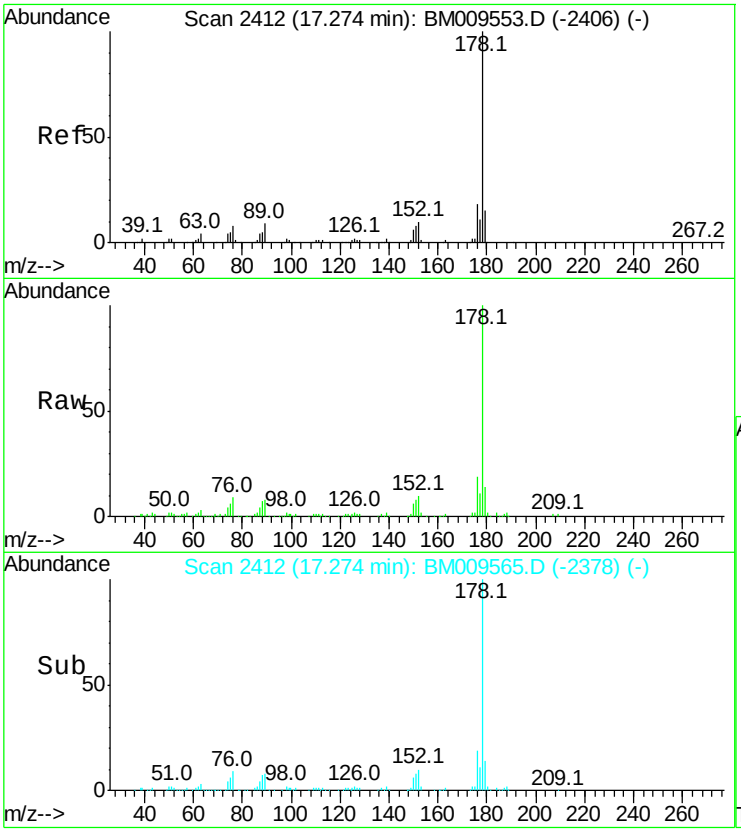


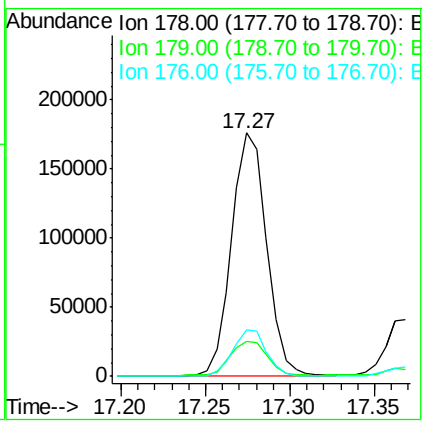


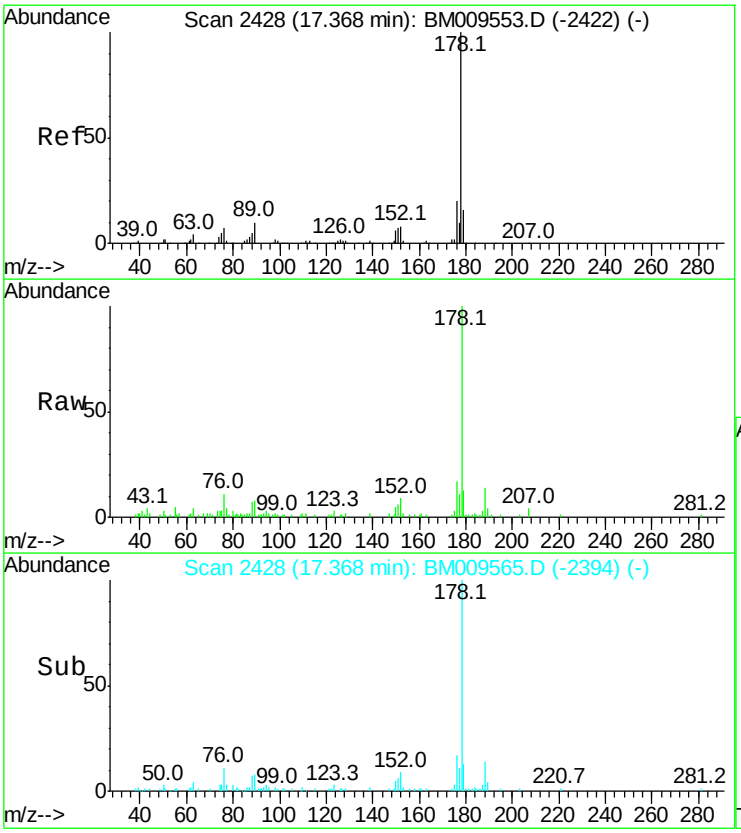
#14
Phenanthrene
Concen: 6.33 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM009565.D
Acq: 05 Apr 2017 19:34

Instrument :
BNA_M
ClientSampleId :
CB335

Tgt Ion:178 Resp: 256032

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.2	18.4
176	19.1	16.4	24.6

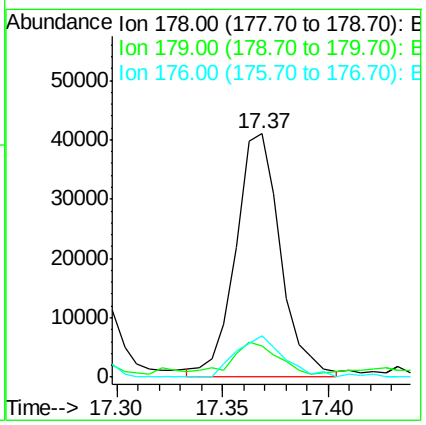


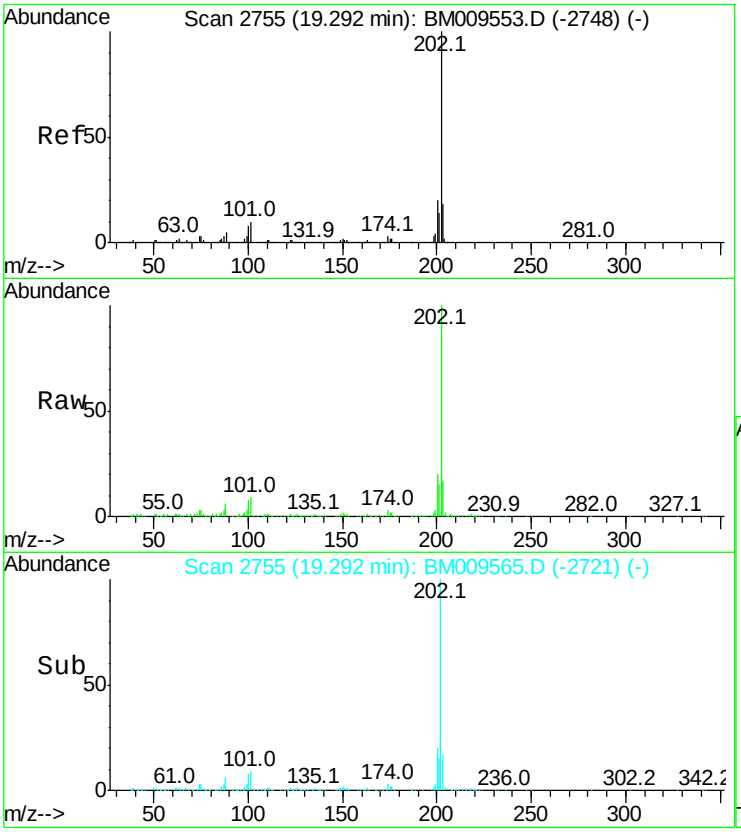


#16
Anthracene
Concen: 1.45 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BM009565.D
Acq: 05 Apr 2017 19:34

Tgt Ion:178 Resp: 60572

Ion	Ratio	Lower	Upper
178	100		
179	12.8	12.7	19.1
176	16.9	15.8	23.8



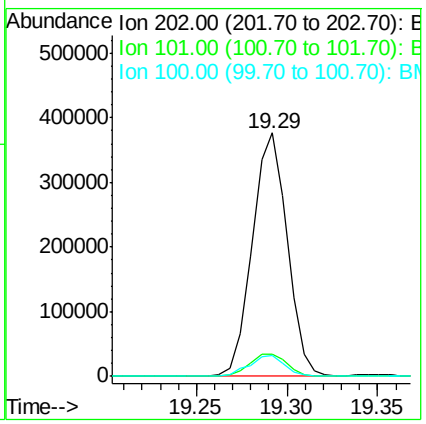


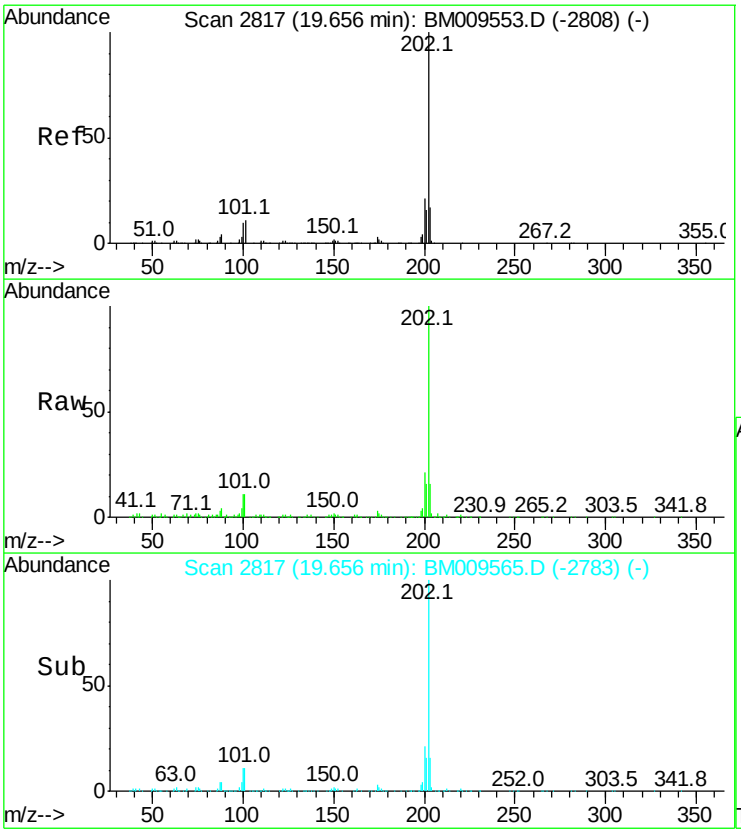
#17
Fluoranthene
Concen: 10.00 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BM009565.D
Acq: 05 Apr 2017 19:34

Instrument :
BNA_M
ClientSampleId :
CB335

Tgt Ion:202 Resp: 503803

Ion	Ratio	Lower	Upper
202	100		
101	9.2	9.8	14.8#
100	8.4	7.5	11.3

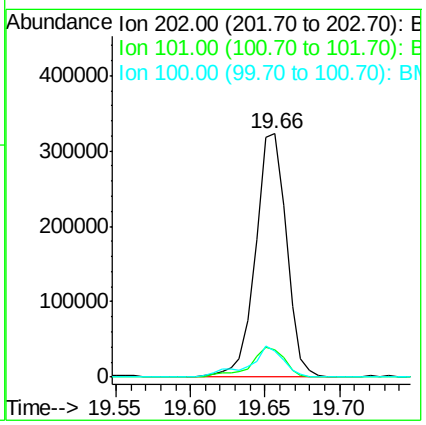


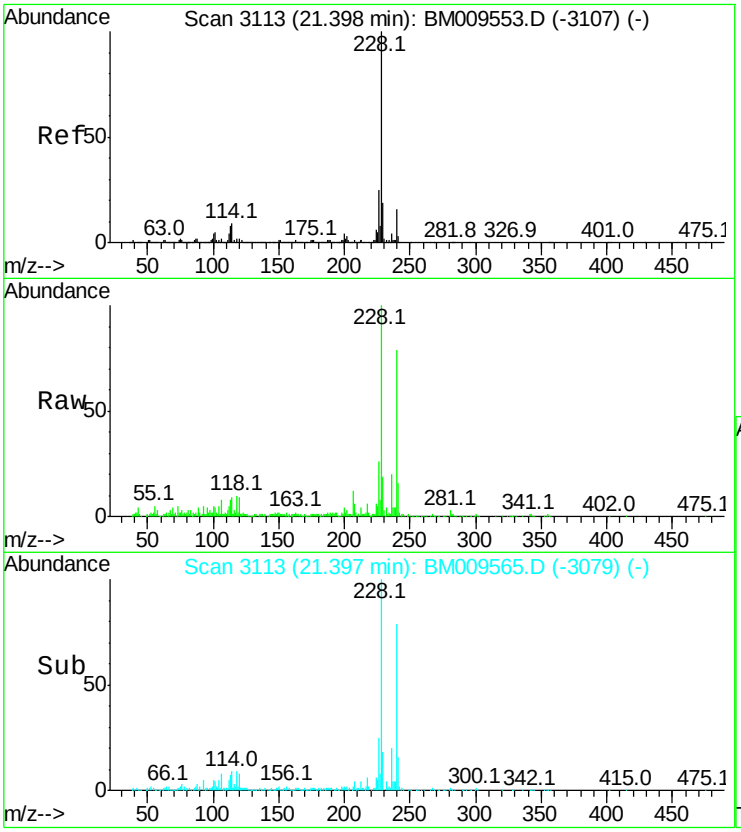


#20
Pyrene
Concen: 8.40 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BM009565.D
Acq: 05 Apr 2017 19:34

Tgt Ion:202 Resp: 459765

Ion	Ratio	Lower	Upper
202	100		
101	11.3	11.2	16.8
100	10.8	9.8	14.6



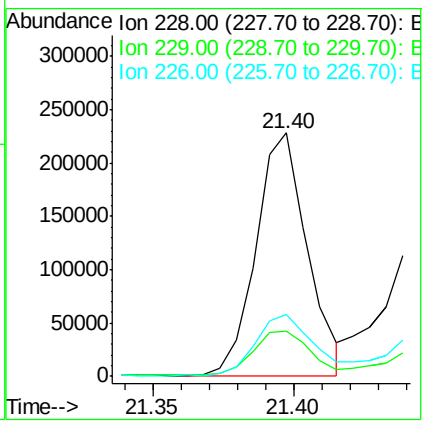


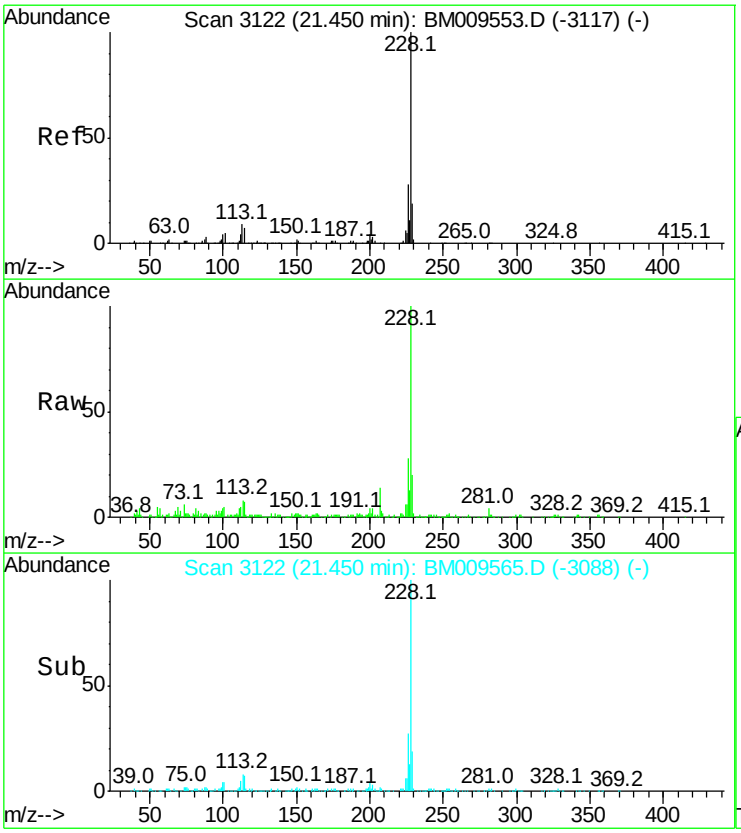
#21
Benzo(a)anthracene
Concen: 5.03 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BM009565.D
Acq: 05 Apr 2017 19:34

Instrument :
BNA_M
ClientSampleId :
CB335

Tgt Ion:228 Resp: 285809

Ion	Ratio	Lower	Upper
228	100		
229	18.8	15.9	23.9
226	25.6	22.1	33.1

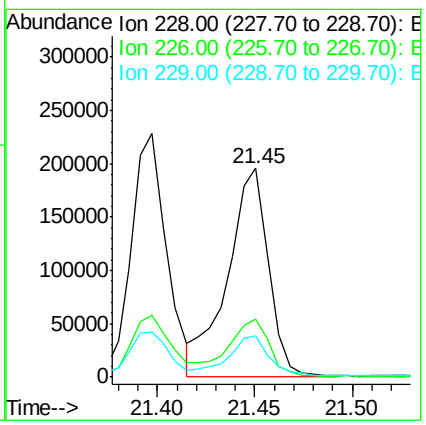


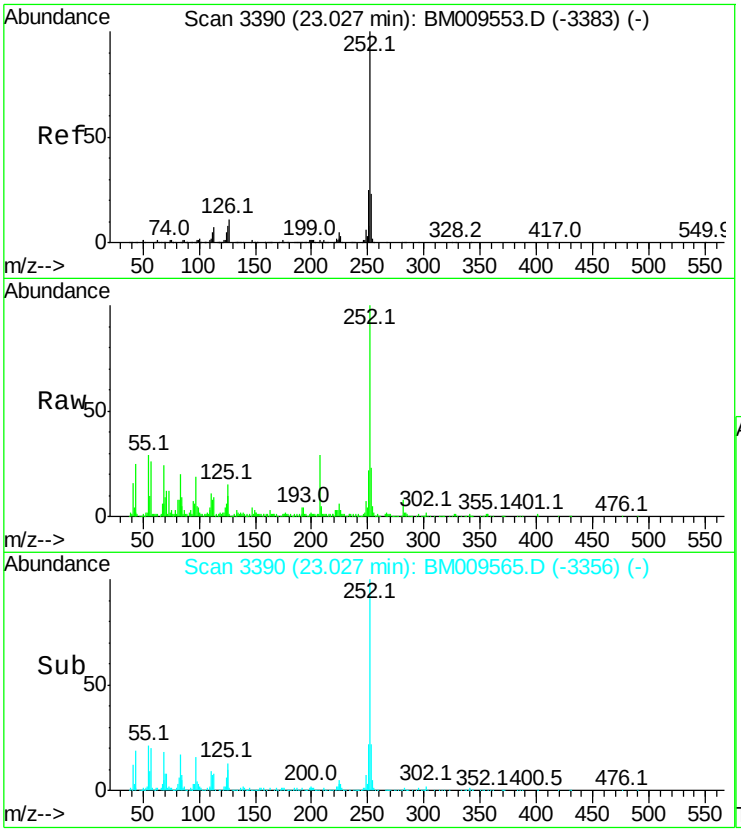


#22
Chrysene
Concen: 5.47 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BM009565.D
Acq: 05 Apr 2017 19:34

Tgt Ion:228 Resp: 284908

Ion	Ratio	Lower	Upper
228	100		
226	27.5	25.0	37.6
229	19.7	16.6	25.0



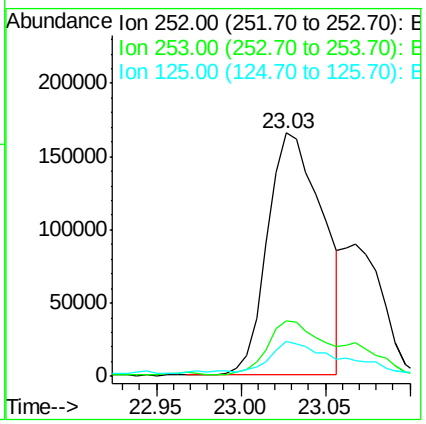


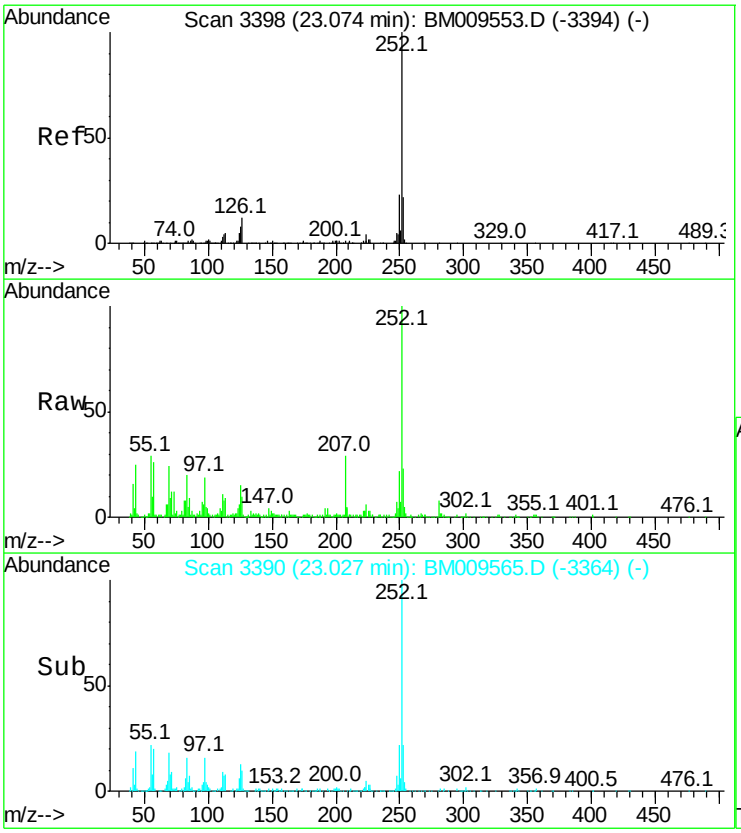
#24
Benzo(b)fluoranthene
Concen: 6.24 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.00 min
Lab File: BM009565.D
Acq: 05 Apr 2017 19:34

Instrument :
BNA_M
ClientSampleId :
CB335

Tgt Ion:252 Resp: 374968

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	14.6	9.4	14.0#

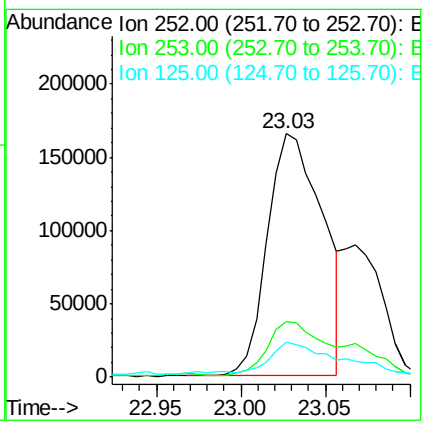


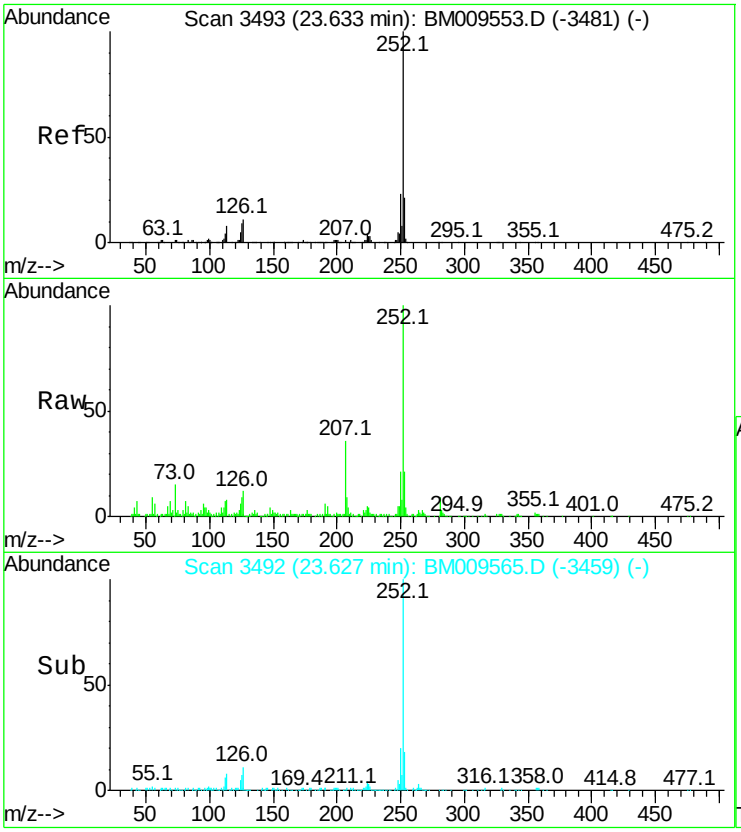


#25
Benzo(k)fluoranthene
Concen: 6.55 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.05 min
Lab File: BM009565.D
Acq: 05 Apr 2017 19:34

Tgt Ion:252 Resp: 374968

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	14.6	8.8	13.2#



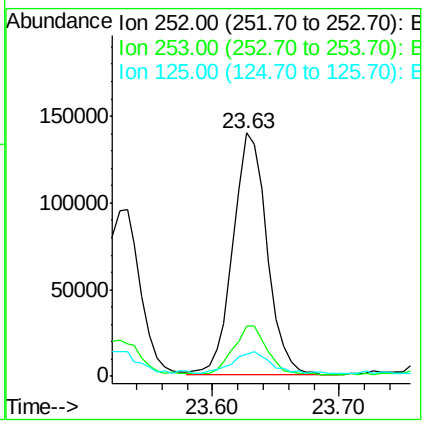


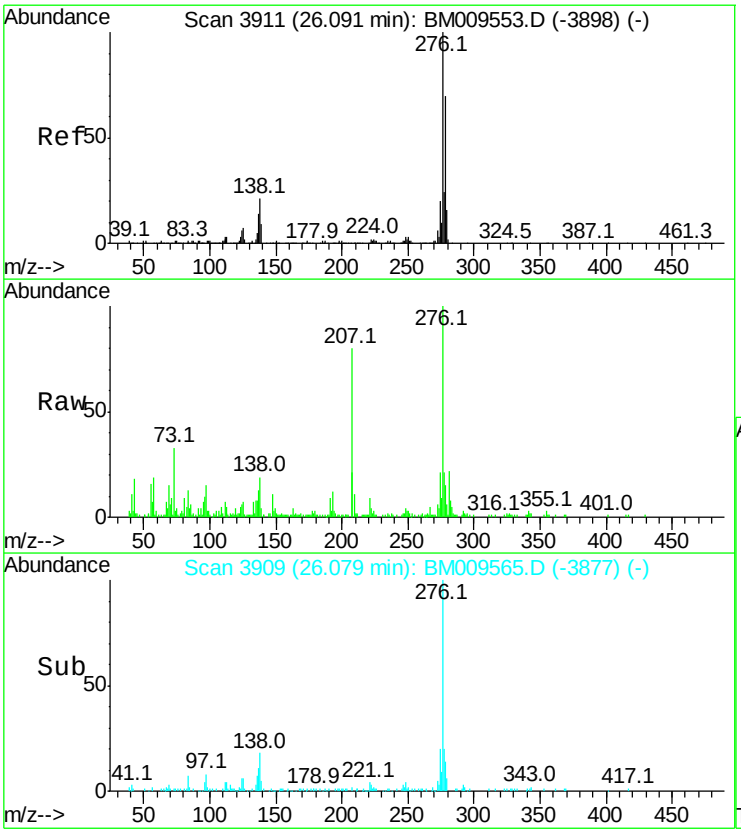
#27
Benzo(a)pyrene
Concen: 4.54 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM009565.D
Acq: 05 Apr 2017 19:34

Instrument :
BNA_M
ClientSampleId :
CB335

Tgt Ion:252 Resp: 259455

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.1	25.7
125	9.3	9.4	14.2#

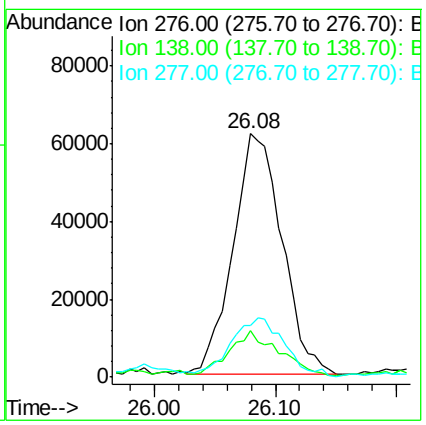


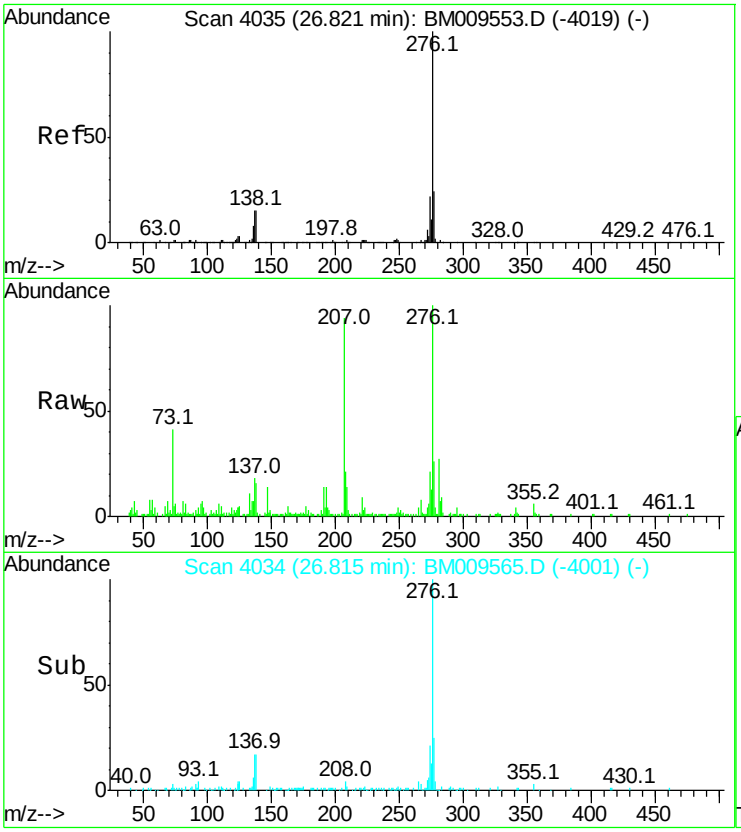


#28
Indeno(1,2,3-cd)pyrene
Concen: 2.72 ng/ul
RT: 26.08 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BM009565.D
Acq: 05 Apr 2017 19:34

Tgt Ion:276 Resp: 174221

Ion	Ratio	Lower	Upper
276	100		
138	18.9	17.8	26.6
277	21.3	19.4	29.0





#30
Benzo(g,h,i)perylene
Concen: 3.05 ng/ul
RT: 26.81 min Scan# 4034
Delta R.T. -0.01 min
Lab File: BM009565.D
Acq: 05 Apr 2017 19:34

Instrument :
BNA_M
ClientSampleId :
CB335

Tgt Ion:276 Resp: 160984

Ion	Ratio	Lower	Upper
276	100		
138	16.5	19.0	28.4#
277	25.7	19.7	29.5