Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009607.D
Acq On : 06 Apr 2017 23:11
Operator : SJ/MA
Sample : I2525-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB347

Quant Time: Apr 07 03:21:33 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 03:19:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	162069	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	642045	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	368584	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.33	188	1204830	20.00	ng/ul	0.10
18) Chrysene-d12	21.42	240	1119982	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1048268	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	271841	27.54	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1086587	30.08	ng/ul	0.00
10) Fluorene-d10	15.48	176	772034	29.72	ng/ul	0.00
15) Anthracene-d10	17.33	188	1205035	20.90	ng/ul	0.00
19) Pyrene-d10	19.63	212	1487952	32.33	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1477265	31.92	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.37	178	89303	1.32	ng/ul	96
16) Anthracene	17.37	178	86045	1.23	ng/ul	97
17) Fluoranthene	19.29	202	839157	9.95	ng/ul	95
20) Pyrene	19.66	202	737956	12.10	ng/ul	96
21) Benzo(a)anthracene	21.40	228	424136	6.70	ng/ul	97
22) Chrysene	21.45	228	428808	7.39	ng/ul	97
24) Benzo(b)fluoranthene	23.04	252	629311	9.71	ng/ul#	89
25) Benzo(k)fluoranthene	23.21	252	79995	1.30	ng/ul	96
27) Benzo(a)pyrene	23.54	252	286901	4.65	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	26.10	276	296532	4.29	ng/ul#	93
30) Benzo(g,h,i)perylene	26.84	276	270783	4.75	ng/ul#	90

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

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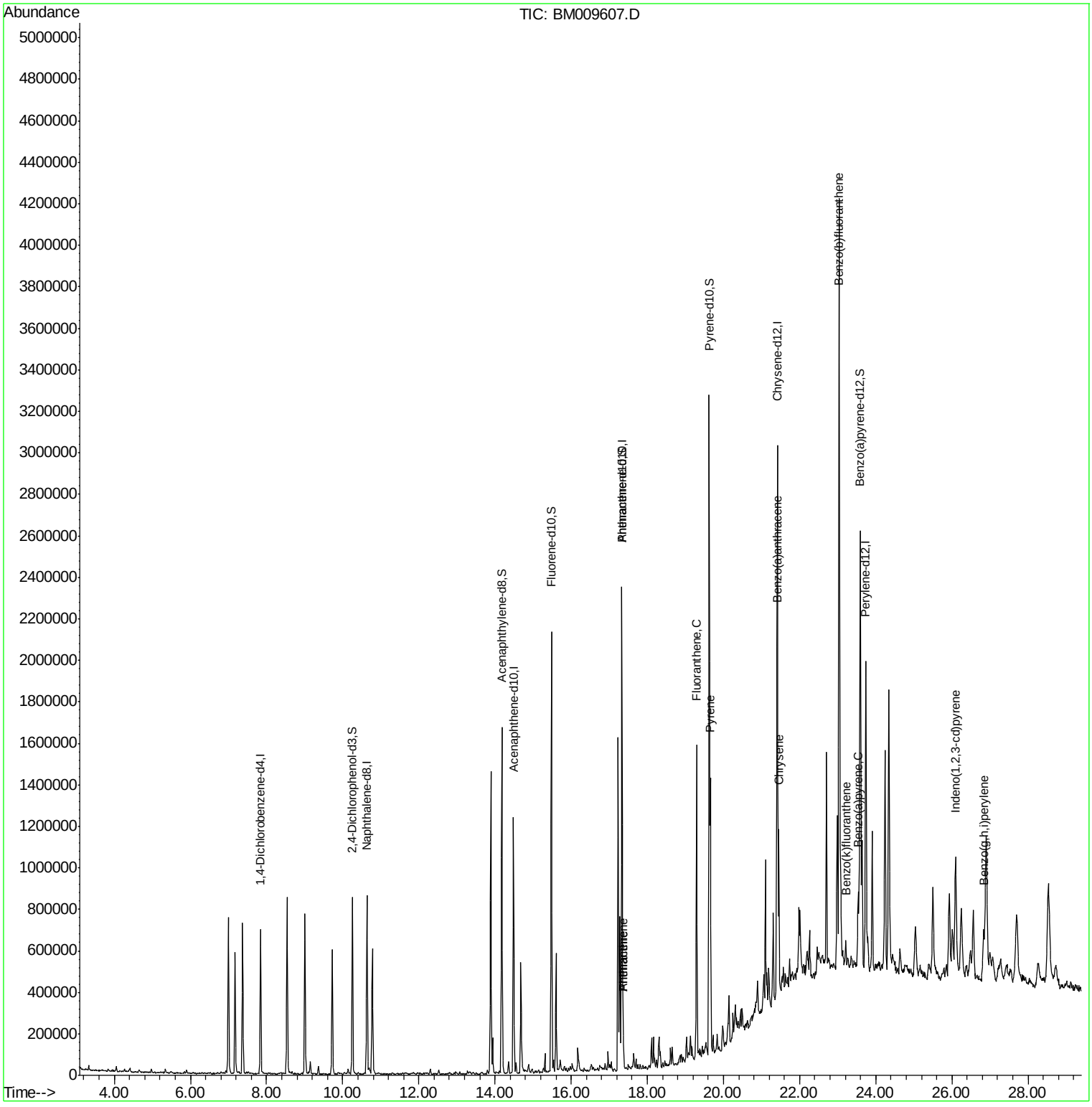
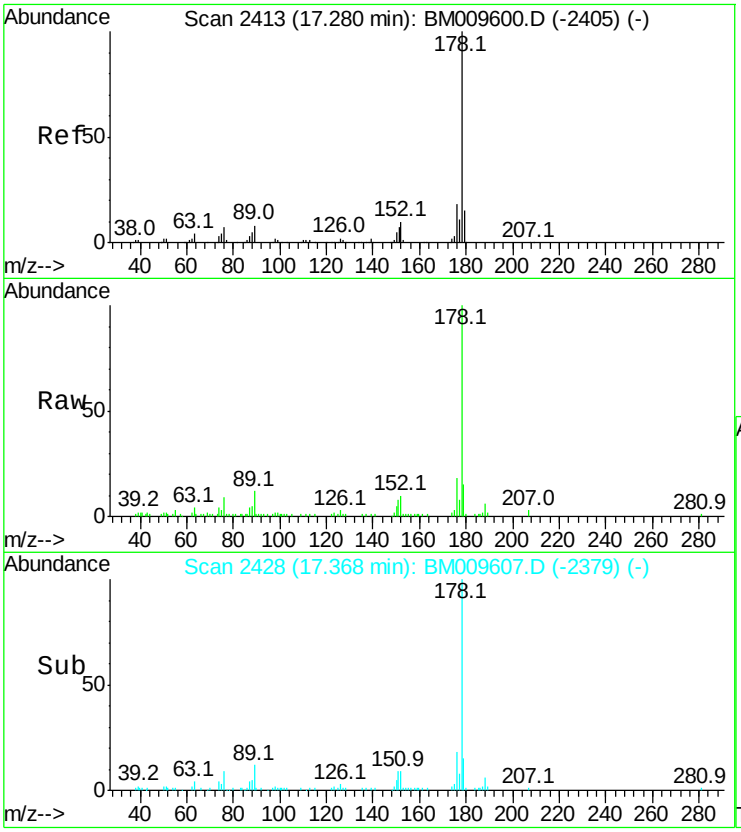


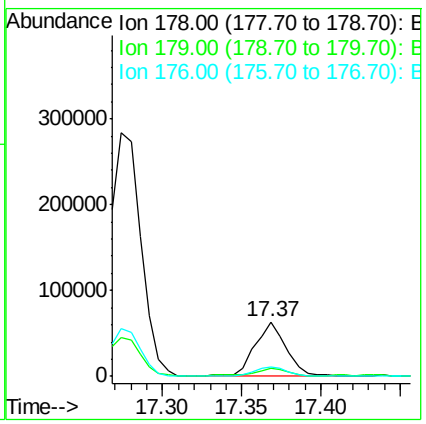


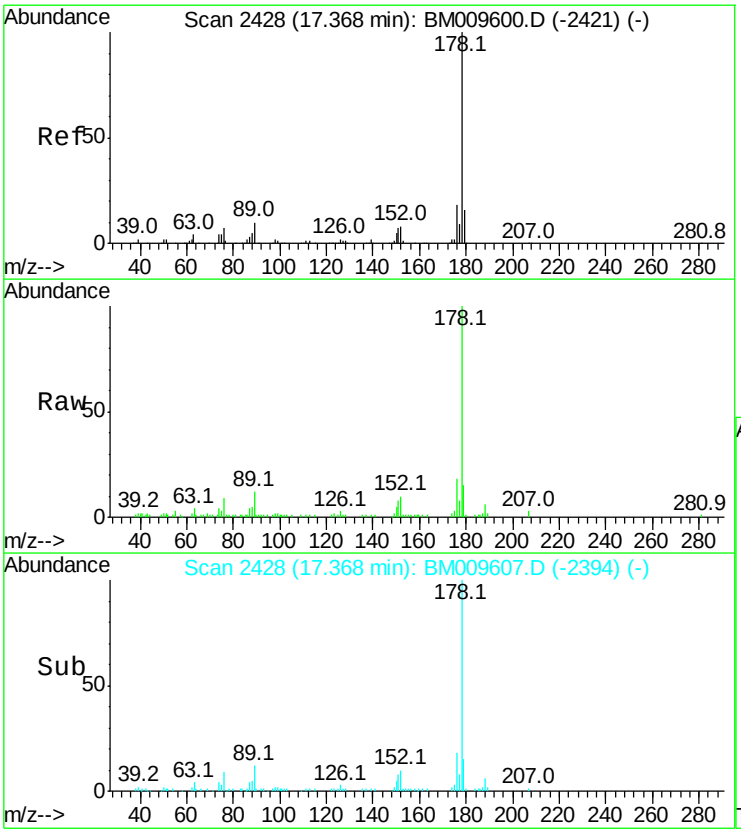
#14
Phenanthrene
Concen: 1.32 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. 0.09 min
Lab File: BM009607.D
Acq: 06 Apr 2017 23:11

Instrument :
BNA_M
ClientSampleId :
CB347

Tgt Ion:178 Resp: 89303

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.4
176	18.1	16.4	24.6

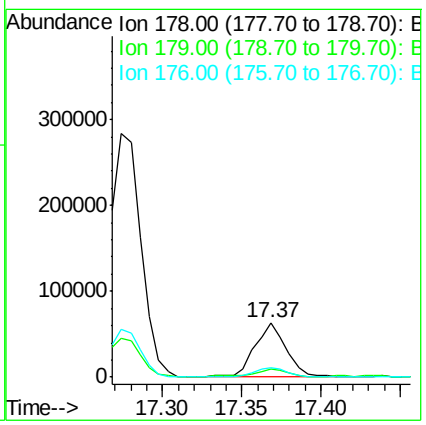


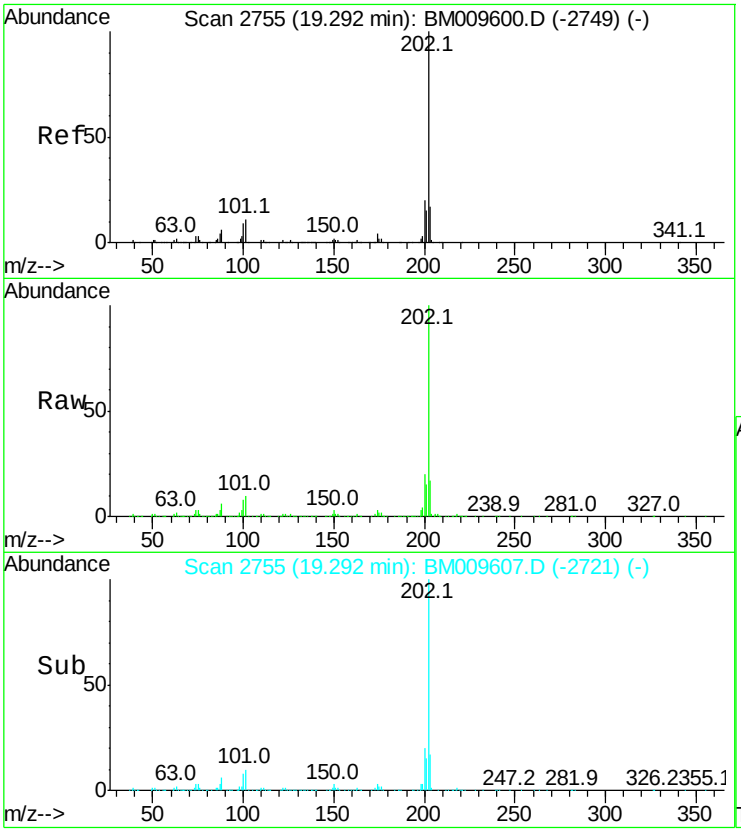


#16
Anthracene
Concen: 1.23 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BM009607.D
Acq: 06 Apr 2017 23:11

Tgt Ion:178 Resp: 86045

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.7	19.1
176	18.1	15.8	23.8



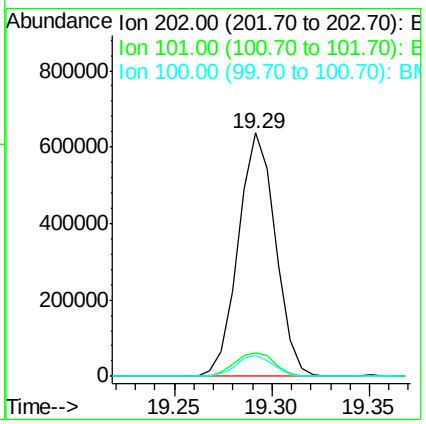


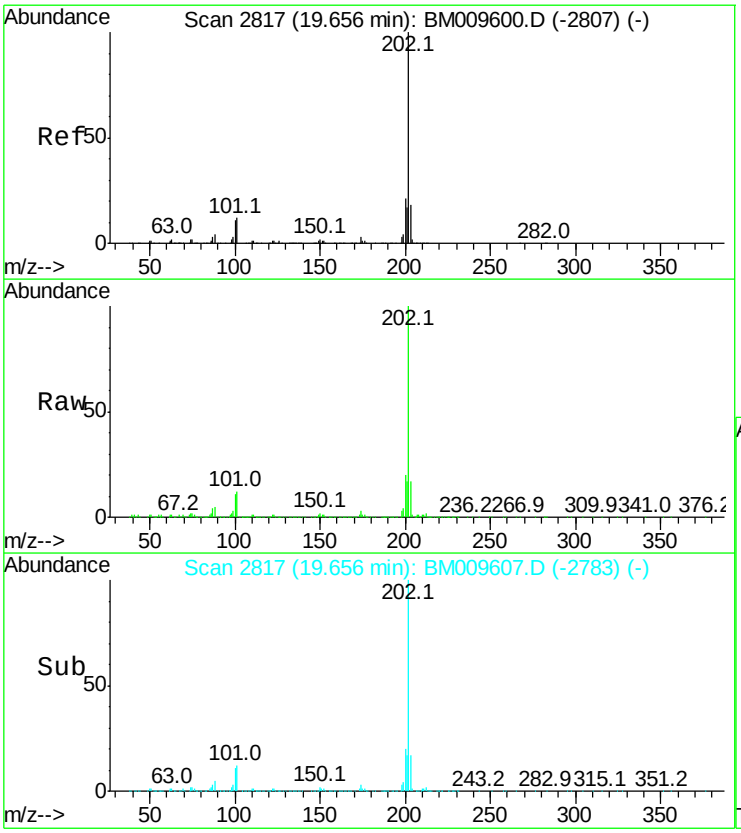
#17
Fluoranthene
Concen: 9.95 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BM009607.D
Acq: 06 Apr 2017 23:11

Instrument :
BNA_M
ClientSampleId :
CB347

Tgt Ion:202 Resp: 839157

Ion	Ratio	Lower	Upper
202	100		
101	9.9	9.8	14.8
100	8.5	7.5	11.3

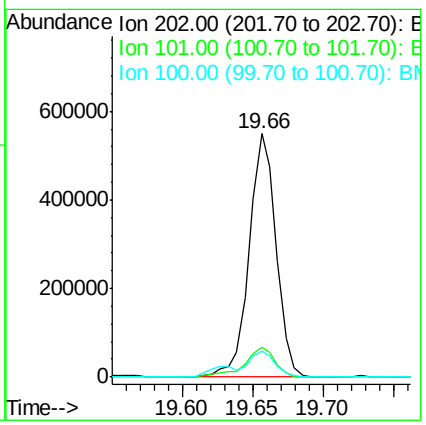


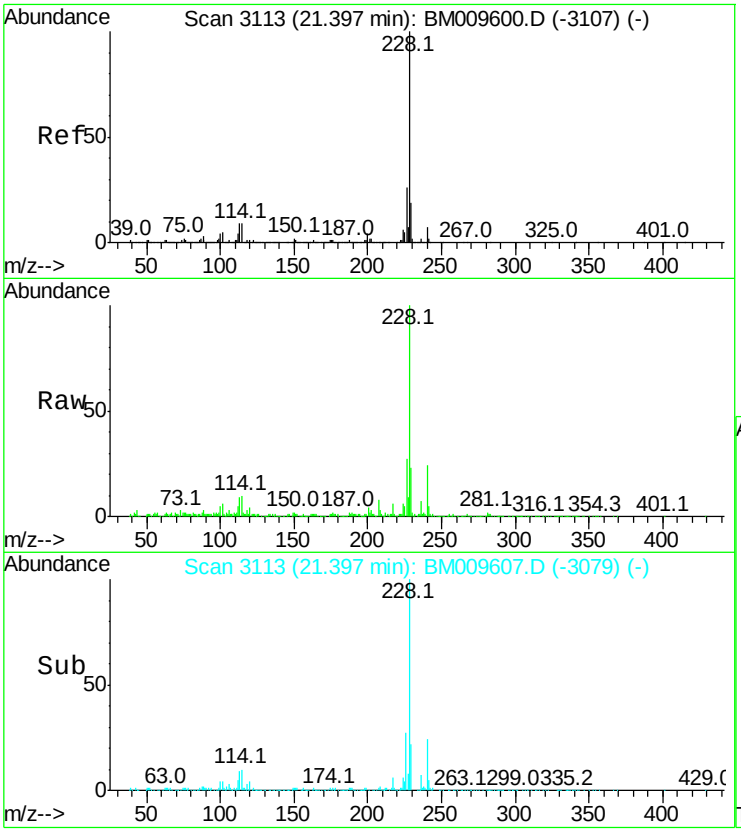


#20
Pyrene
Concen: 12.10 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009607.D
Acq: 06 Apr 2017 23:11

Tgt Ion:202 Resp: 737956

Ion	Ratio	Lower	Upper
202	100		
101	12.3	11.2	16.8
100	10.6	9.8	14.6



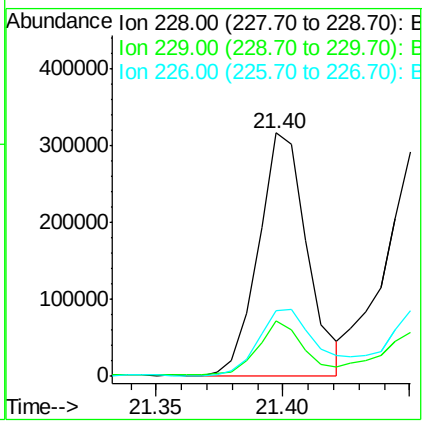


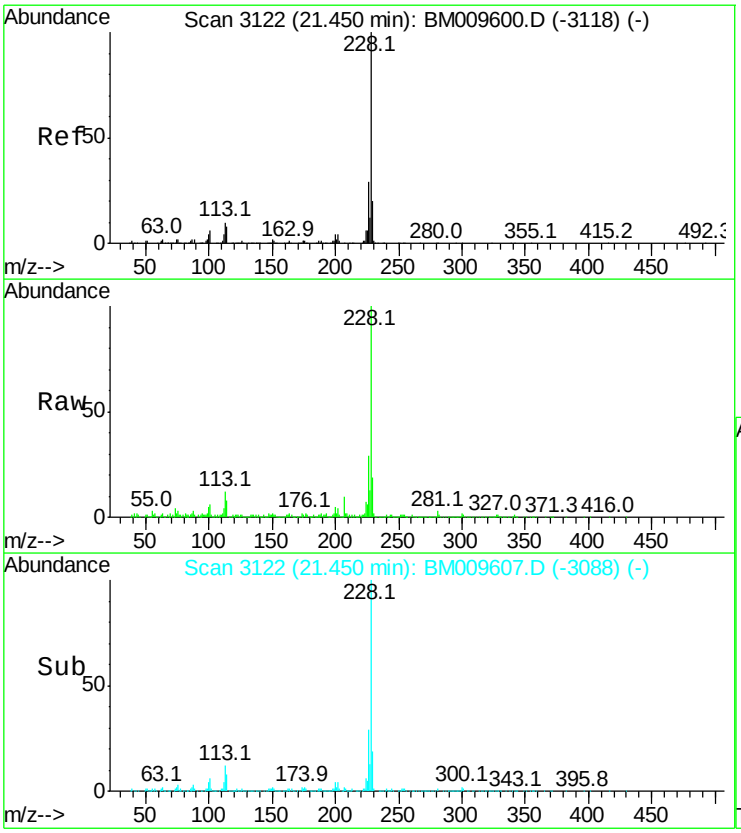
#21
Benzo(a)anthracene
Concen: 6.70 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BM009607.D
Acq: 06 Apr 2017 23:11

Instrument :
BNA_M
ClientSampleId :
CB347

Tgt Ion:228 Resp: 424136

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.9	23.9
226	27.2	22.1	33.1

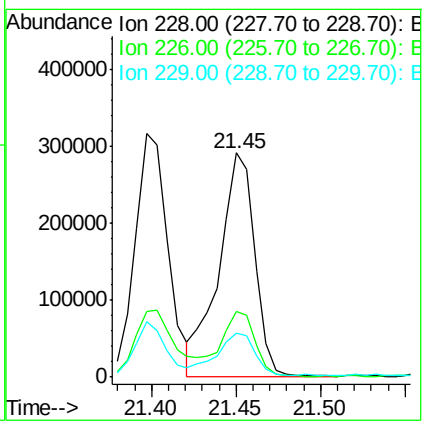


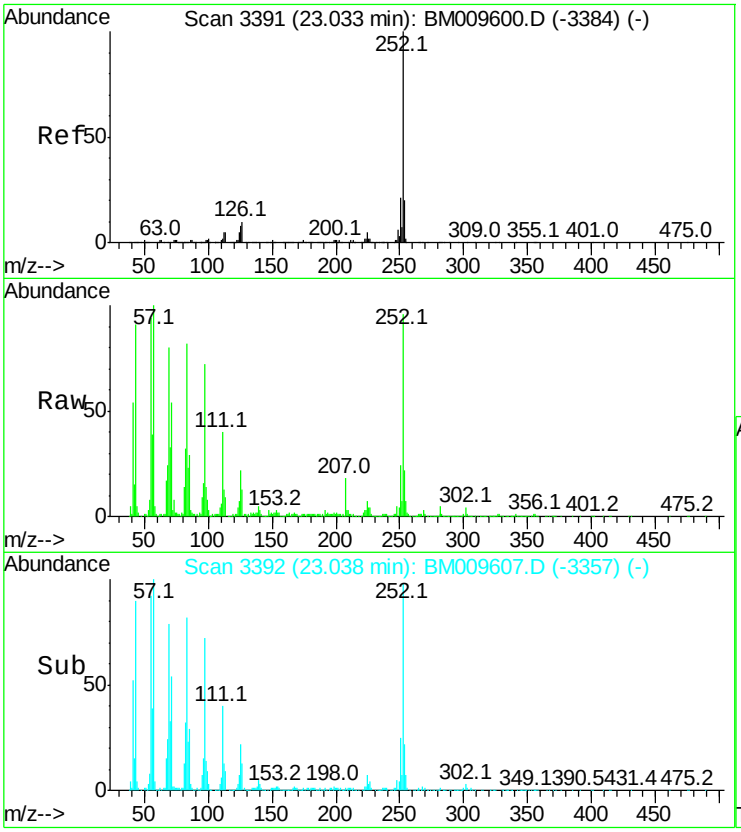


#22
Chrysene
Concen: 7.39 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM009607.D
Acq: 06 Apr 2017 23:11

Tgt Ion:228 Resp: 428808

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	19.5	16.6	25.0



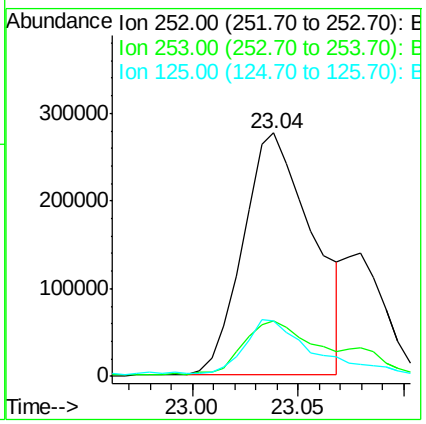


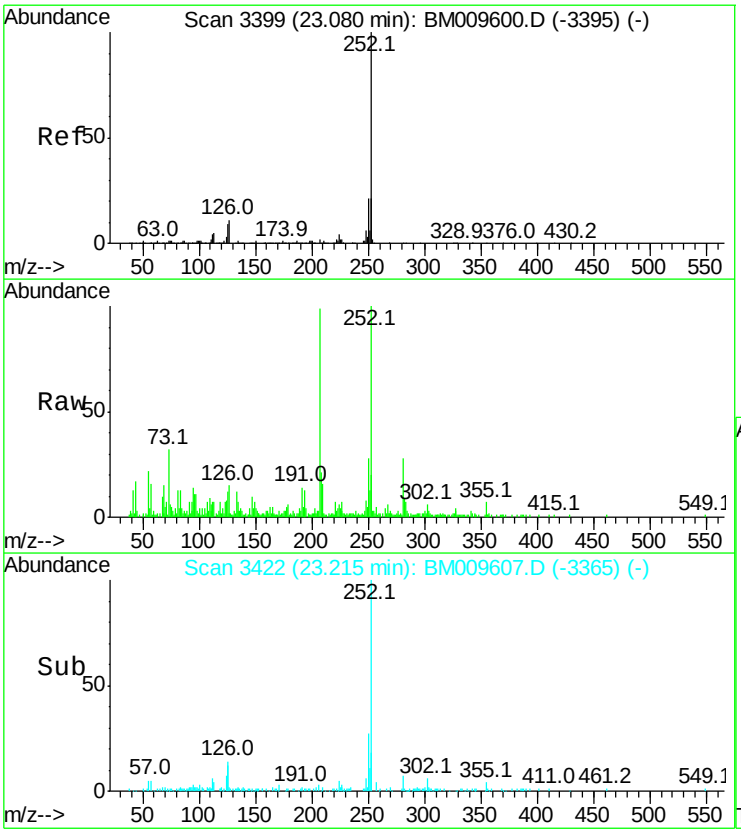
#24
Benzo(b)fluoranthene
Concen: 9.71 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. 0.01 min
Lab File: BM009607.D
Acq: 06 Apr 2017 23:11

Instrument :
BNA_M
ClientSampleId :
CB347

Tgt Ion:252 Resp: 629311

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	22.6	9.4	14.0#

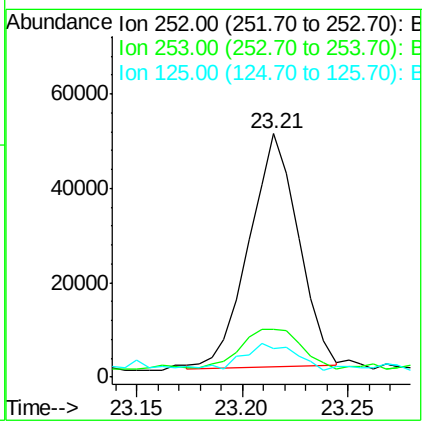


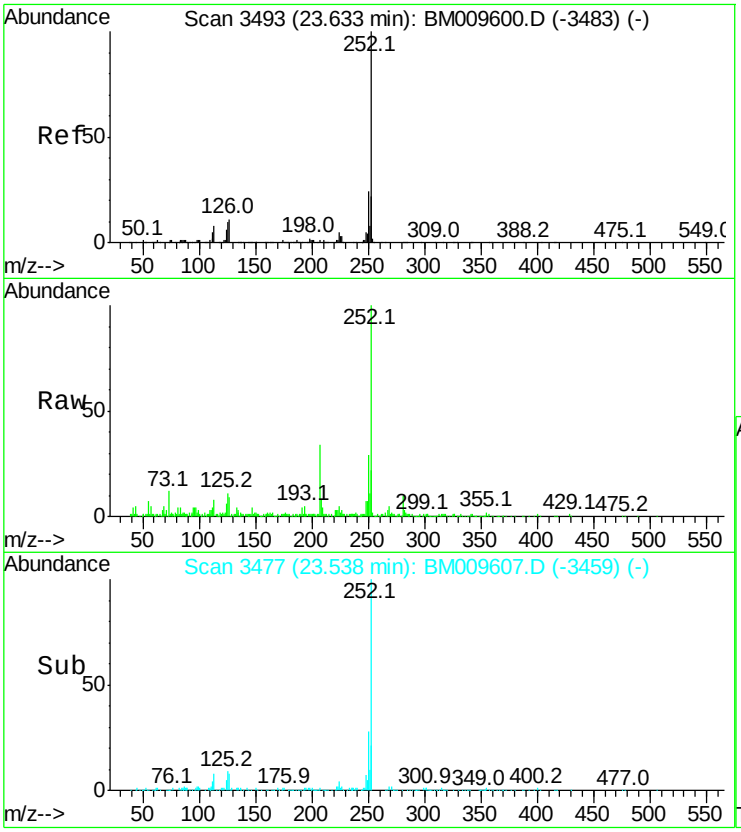


#25
Benzo(k)fluoranthene
Concen: 1.30 ng/ul
RT: 23.21 min Scan# 3422
Delta R.T. 0.14 min
Lab File: BM009607.D
Acq: 06 Apr 2017 23:11

Tgt Ion:252 Resp: 79995

Ion	Ratio	Lower	Upper
252	100		
253	19.5	17.4	26.2
125	12.0	8.8	13.2



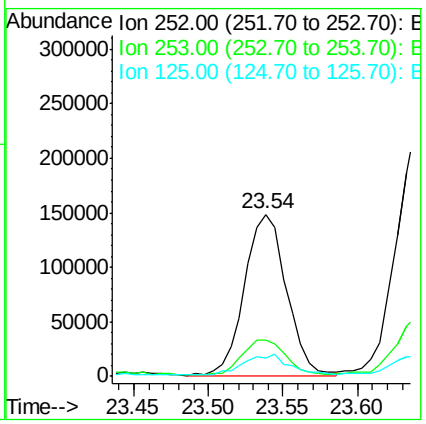


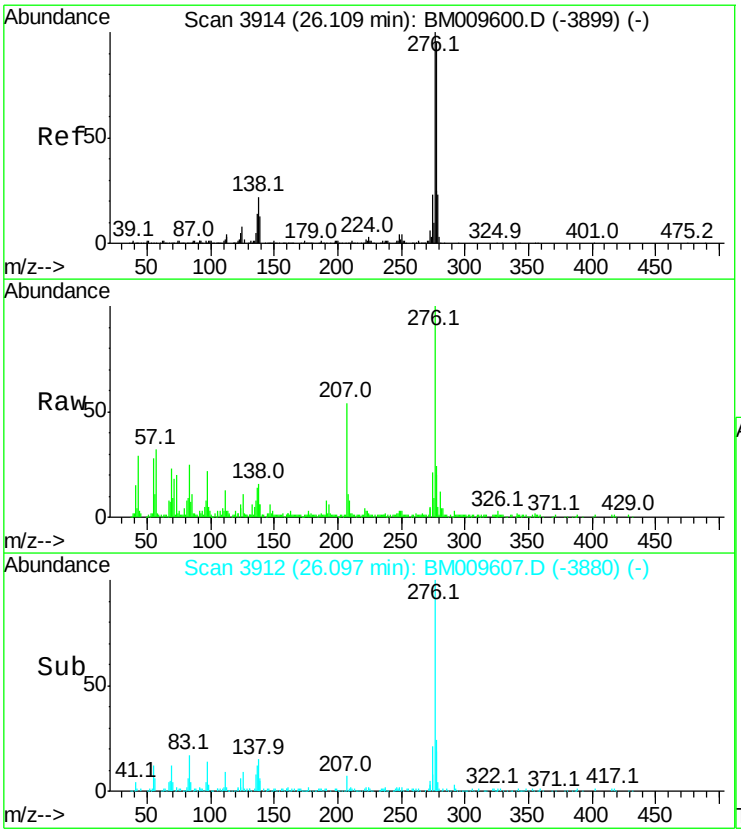
#27
Benzo(a)pyrene
Concen: 4.65 ng/ul
RT: 23.54 min Scan# 3477
Delta R.T. -0.09 min
Lab File: BM009607.D
Acq: 06 Apr 2017 23:11

Instrument :
BNA_M
ClientSampleId :
CB347

Tgt Ion:252 Resp: 286901

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	11.1	9.4	14.2

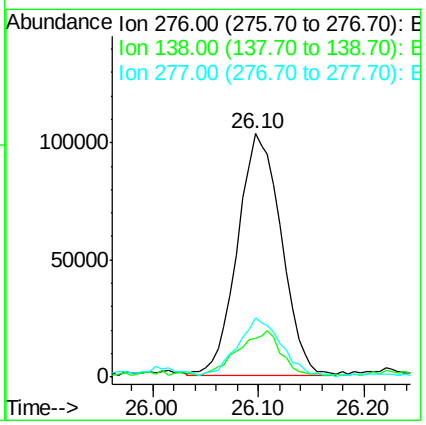


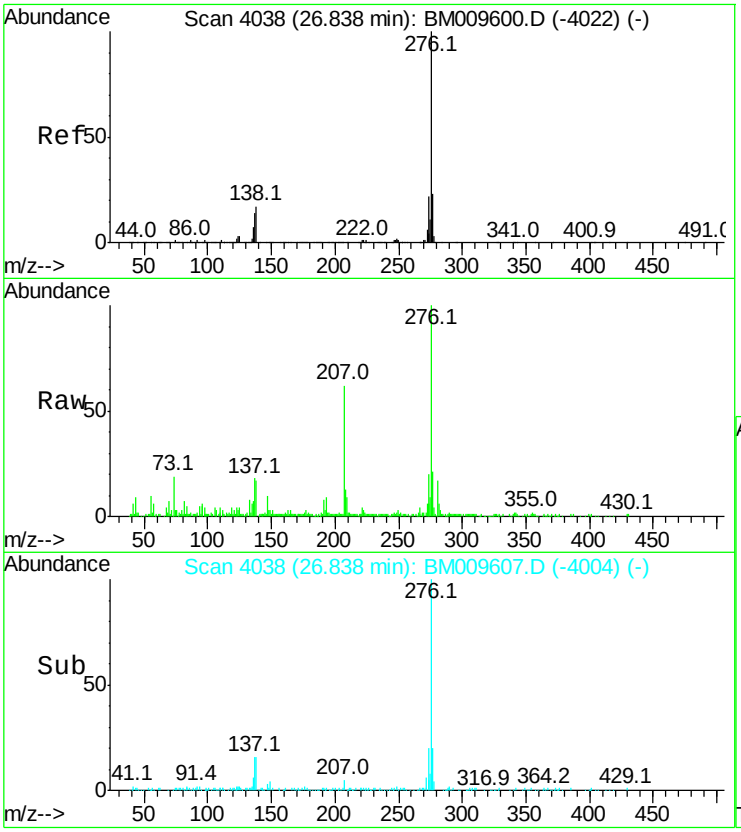


#28
Indeno(1,2,3-cd)pyrene
Concen: 4.29 ng/ul
RT: 26.10 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM009607.D
Acq: 06 Apr 2017 23:11

Tgt Ion:276 Resp: 296532

Ion	Ratio	Lower	Upper
276	100		
138	15.9	17.8	26.6#
277	24.4	19.4	29.0





#30
Benzo(g,h,i)perylene
Concen: 4.75 ng/ul
RT: 26.84 min Scan# 4038
Delta R.T. -0.00 min
Lab File: BM009607.D
Acq: 06 Apr 2017 23:11

Instrument :
BNA_M
ClientSampleId :
CB347

Tgt Ion:276 Resp: 270783

Ion	Ratio	Lower	Upper
276	100		
138	17.3	19.0	28.4#
277	21.2	19.7	29.5