Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009606.D
Acq On : 06 Apr 2017 22:35
Operator : SJ/MA
Sample : I2525-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB346

Quant Time: Apr 07 03:21:19 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	155701	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	608231	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	349331	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	815099	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1065822	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1029911	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	225263	24.09	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1342068	39.20	ng/ul	0.00
10) Fluorene-d10	15.48	176	961526	39.05	ng/ul	0.00
15) Anthracene-d10	17.33	188	1528376	39.19	ng/ul	0.00
19) Pyrene-d10	19.63	212	1817409	41.49	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1861587	40.94	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.28	178	519827	11.34	ng/ul	97
16) Anthracene	17.37	178	114339	2.41	ng/ul	97
17) Fluoranthene	19.29	202	1113942	19.52	ng/ul	96
20) Pyrene	19.66	202	992892	17.11	ng/ul	97
21) Benzo(a)anthracene	21.40	228	591475	9.82	ng/ul	99
22) Chrysene	21.45	228	590596	10.69	ng/ul	93
24) Benzo(b)fluoranthene	23.03	252	850045	13.35	ng/ul	99
25) Benzo(k)fluoranthene	23.03	252	850045	14.01	ng/ul	99
27) Benzo(a)pyrene	23.64	252	544653	8.99	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	26.10	276	390704	5.75	ng/ul#	94
29) Dibenzo(a,h)anthracene	26.10	278	106967	1.85	ng/ul#	90
30) Benzo(g,h,i)perylene	26.83	276	351509	6.28	ng/ul#	88

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

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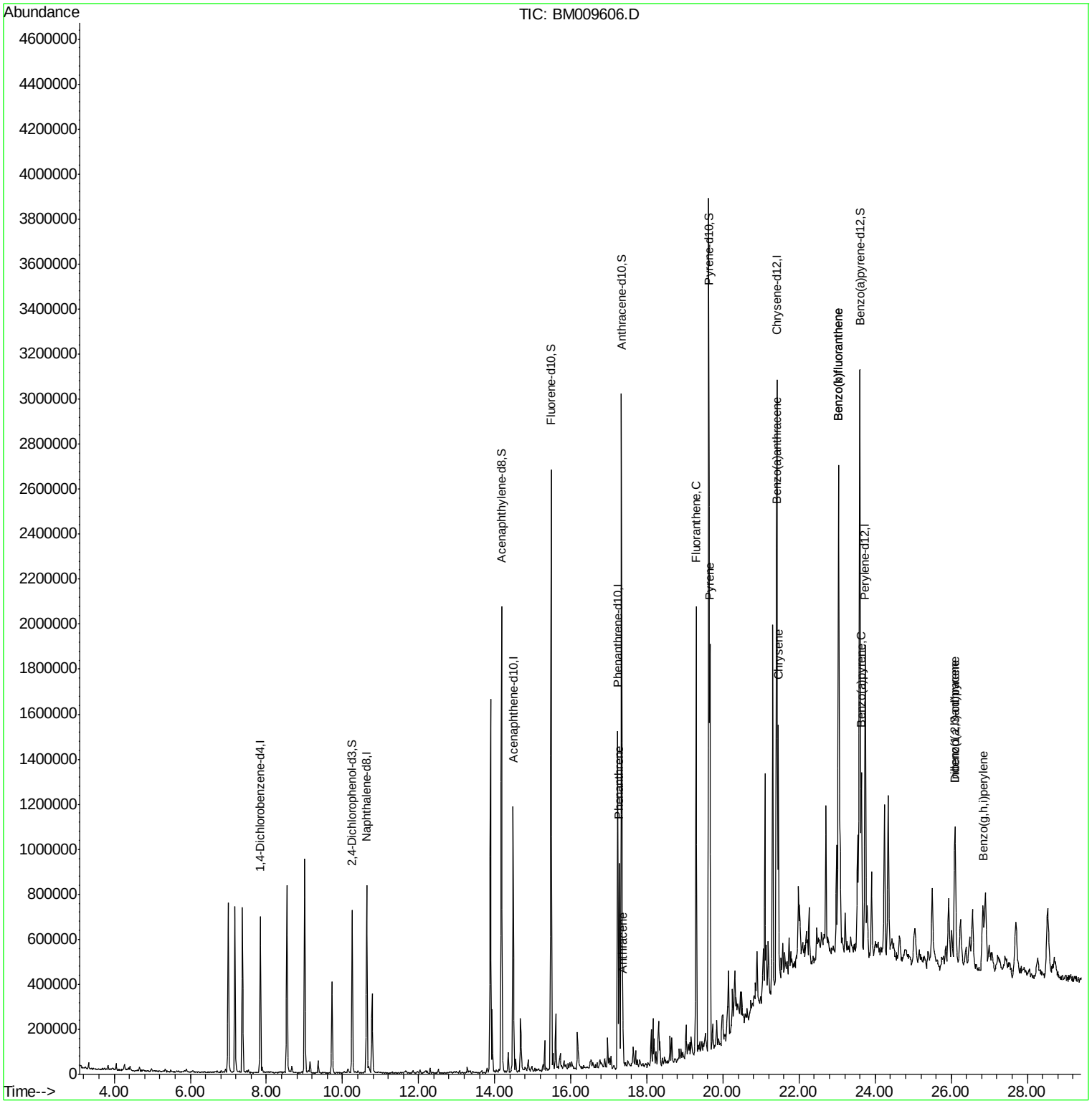
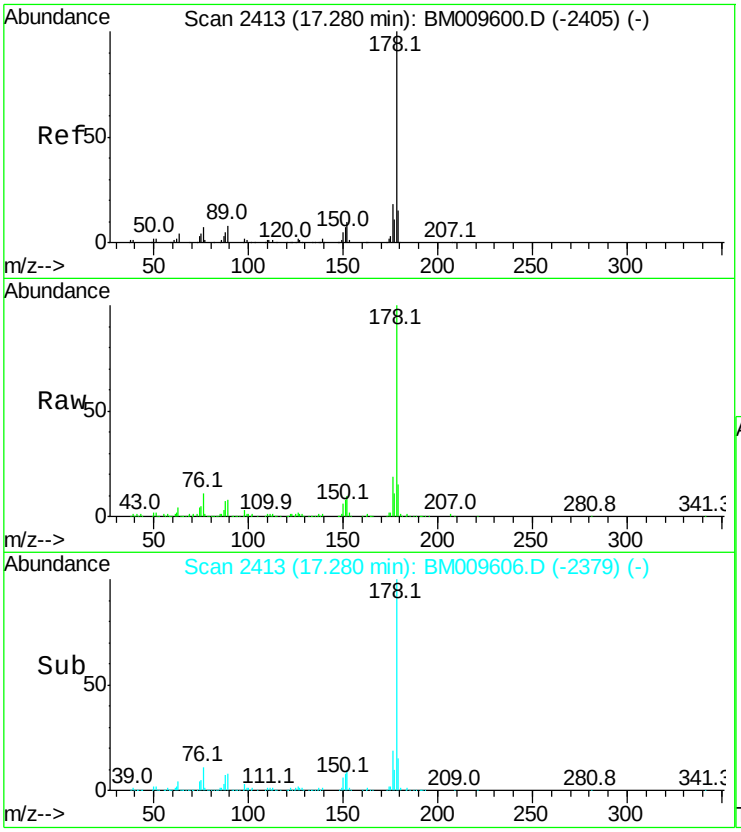


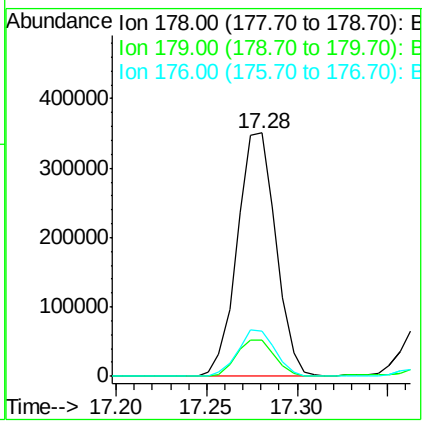


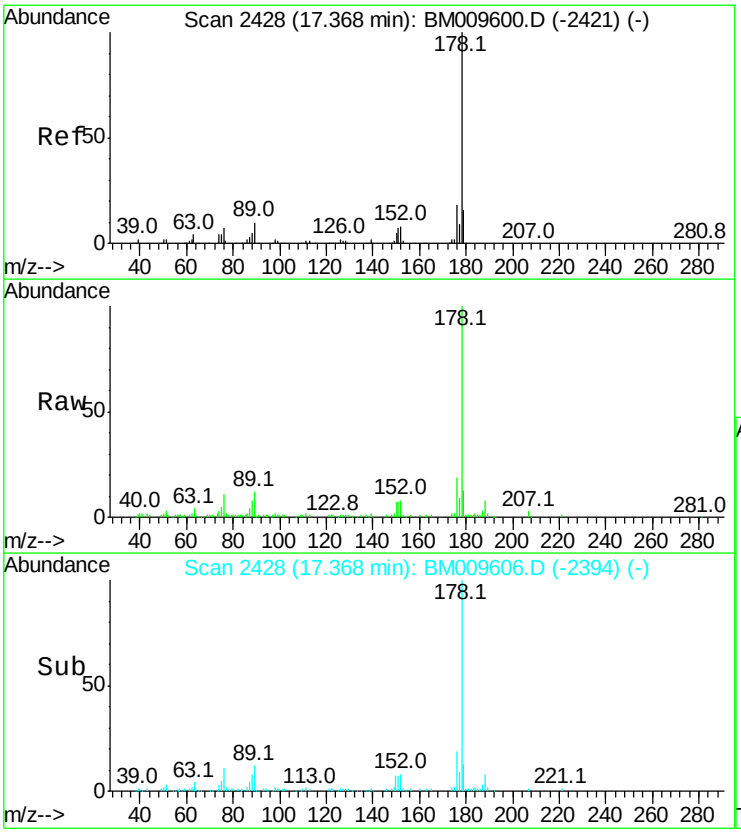
#14
Phenanthrene
Concen: 11.34 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM009606.D
Acq: 06 Apr 2017 22:35

Instrument :
BNA_M
ClientSampleId :
CB346

Tgt Ion:178 Resp: 519827

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	18.5	16.4	24.6

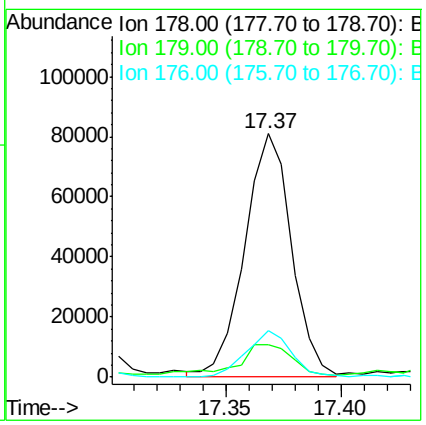


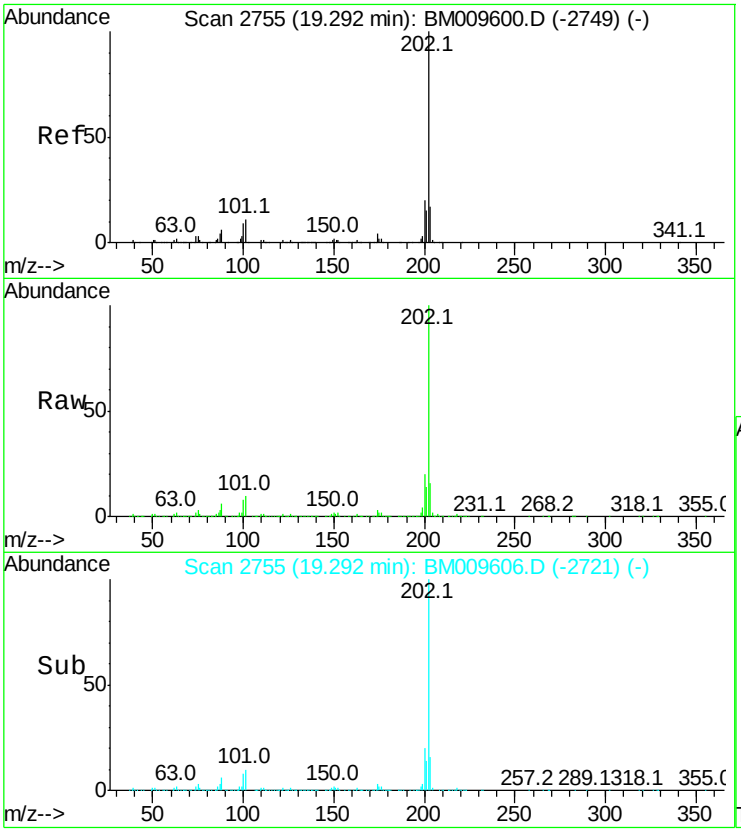


#16
Anthracene
Concen: 2.41 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BM009606.D
Acq: 06 Apr 2017 22:35

Tgt Ion:178 Resp: 114339

Ion	Ratio	Lower	Upper
178	100		
179	13.4	12.7	19.1
176	19.2	15.8	23.8



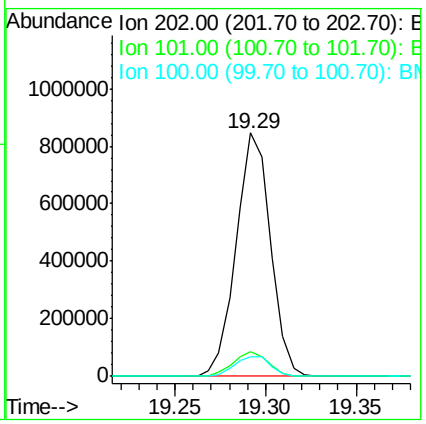


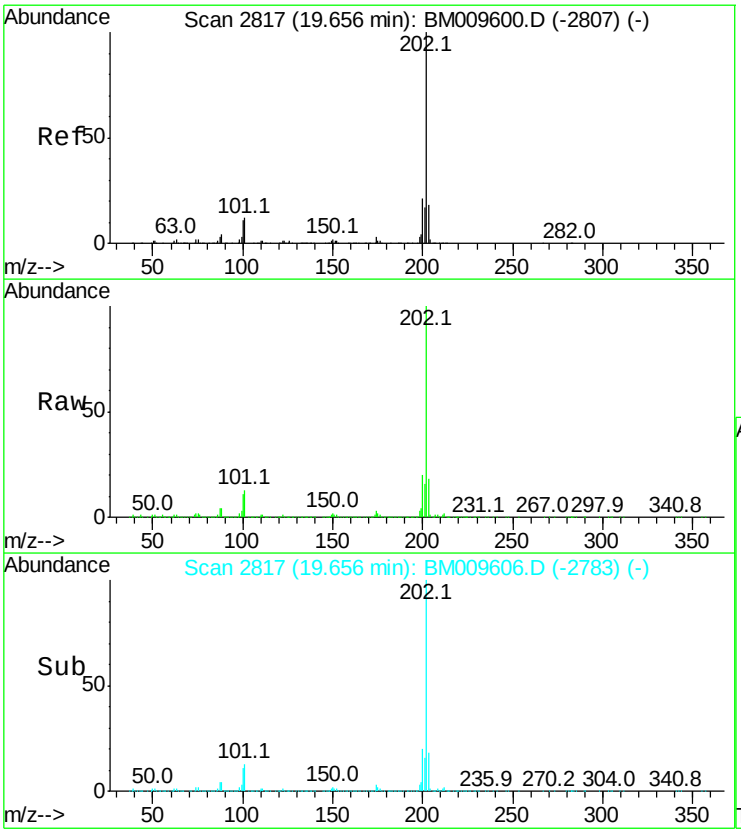
#17
Fluoranthene
Concen: 19.52 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BM009606.D
Acq: 06 Apr 2017 22:35

Instrument :
BNA_M
ClientSampleId :
CB346

Tgt Ion:202 Resp: 1113942

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.8	14.8
100	8.3	7.5	11.3

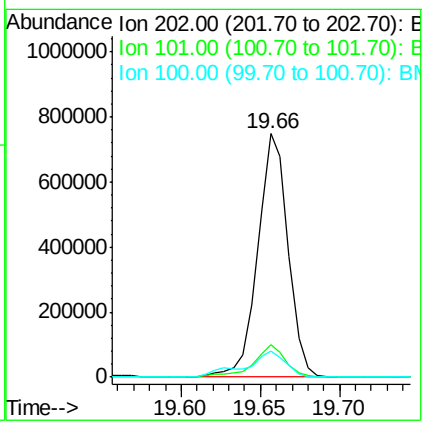


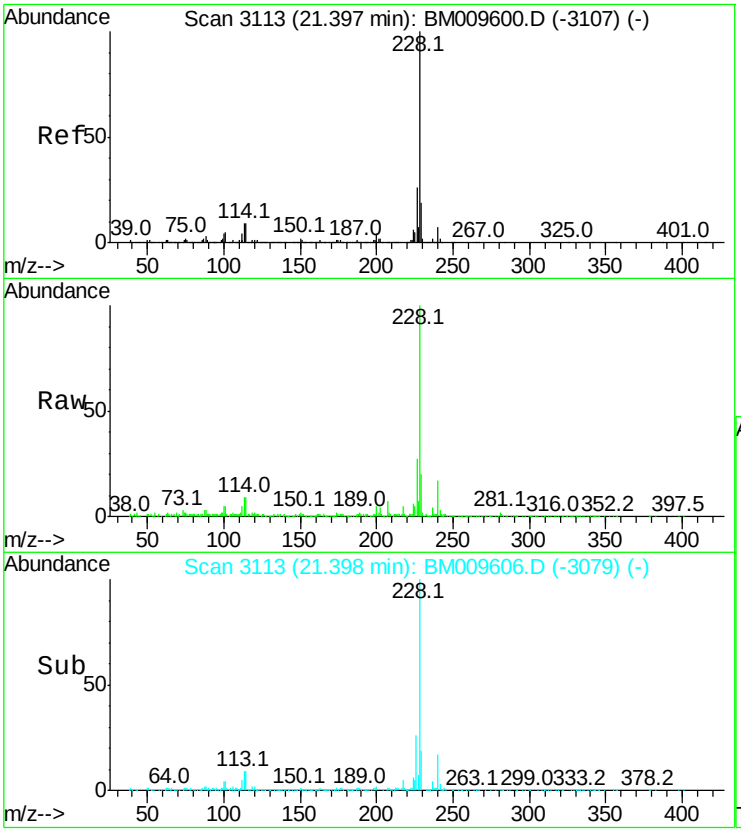


#20
Pyrene
Concen: 17.11 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009606.D
Acq: 06 Apr 2017 22:35

Tgt Ion:202 Resp: 992892

Ion	Ratio	Lower	Upper
202	100		
101	13.1	11.2	16.8
100	10.7	9.8	14.6



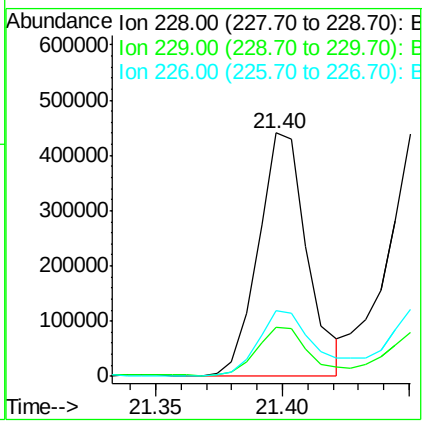


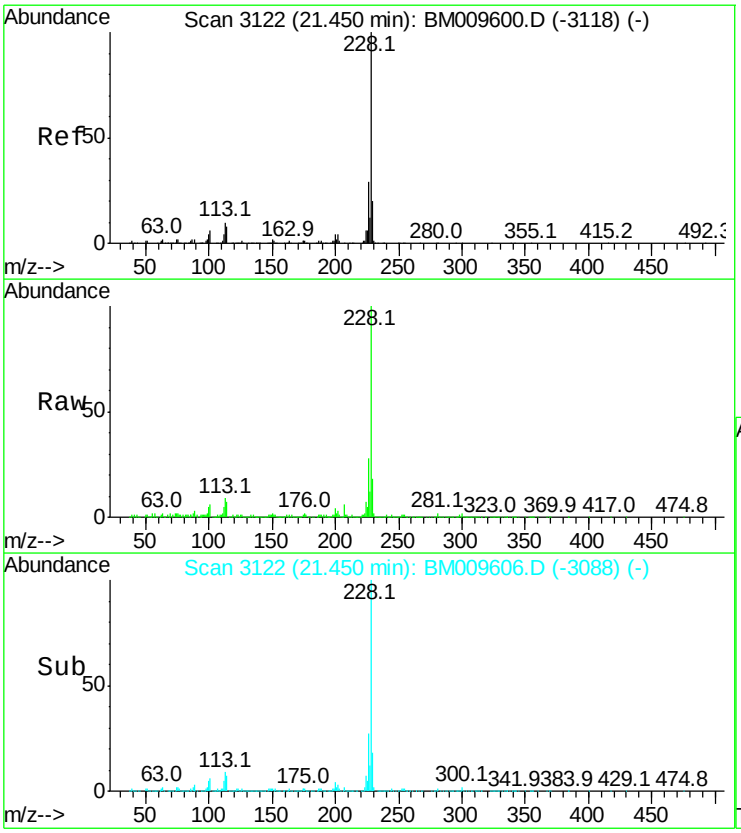
#21
Benzo(a)anthracene
Concen: 9.82 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM009606.D
Acq: 06 Apr 2017 22:35

Instrument :
BNA_M
ClientSampleId :
CB346

Tgt Ion:228 Resp: 591475

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.9	23.9
226	26.8	22.1	33.1

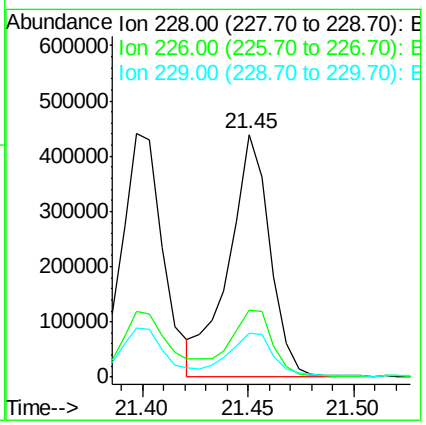


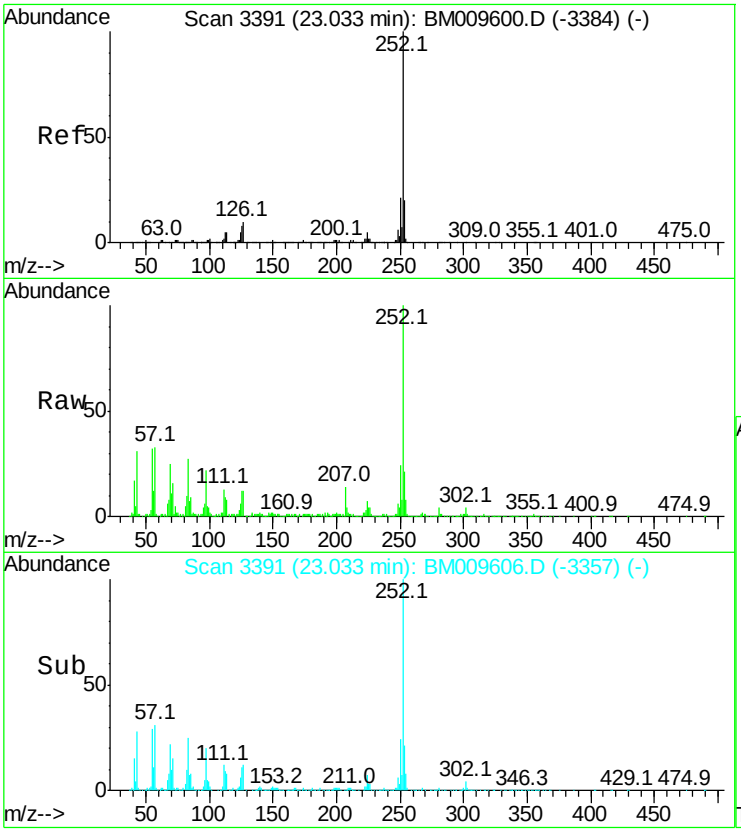


#22
Chrysene
Concen: 10.69 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM009606.D
Acq: 06 Apr 2017 22:35

Tgt Ion:228 Resp: 590596

Ion	Ratio	Lower	Upper
228	100		
226	27.6	25.0	37.6
229	17.9	16.6	25.0



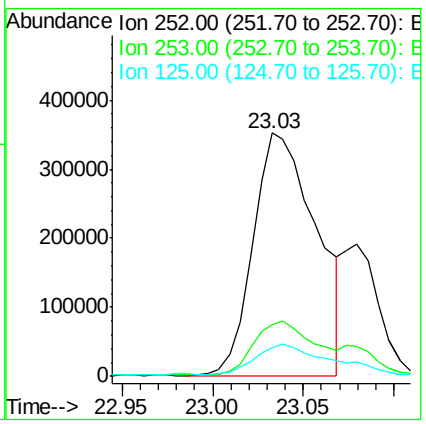


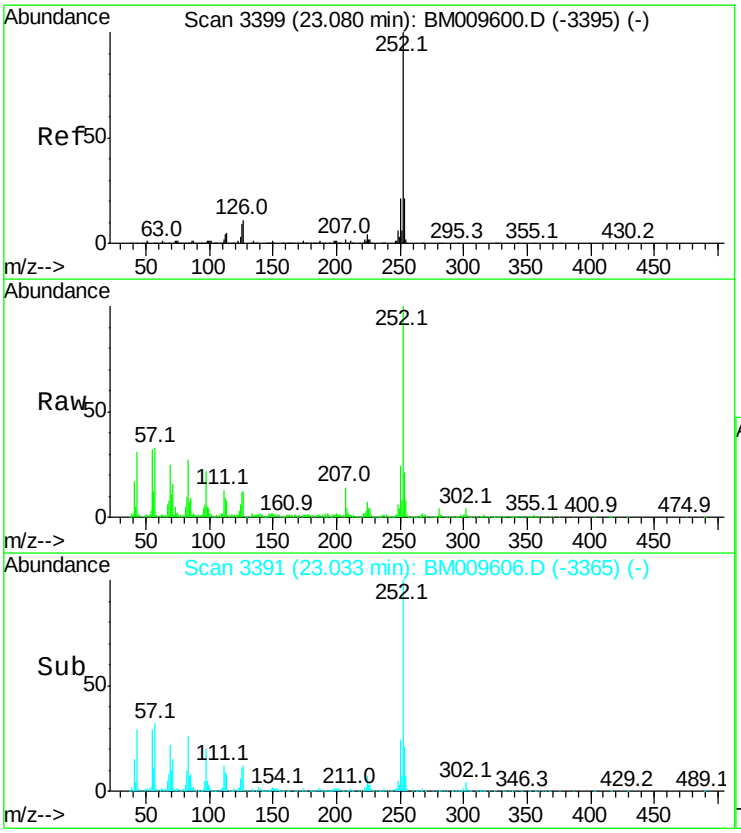
#24
Benzo(b)fluoranthene
Concen: 13.35 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.00 min
Lab File: BM009606.D
Acq: 06 Apr 2017 22:35

Instrument :
BNA_M
ClientSampleId :
CB346

Tgt Ion:252 Resp: 850045

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	11.8	9.4	14.0

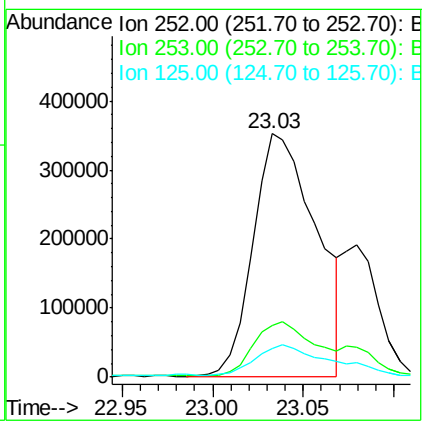


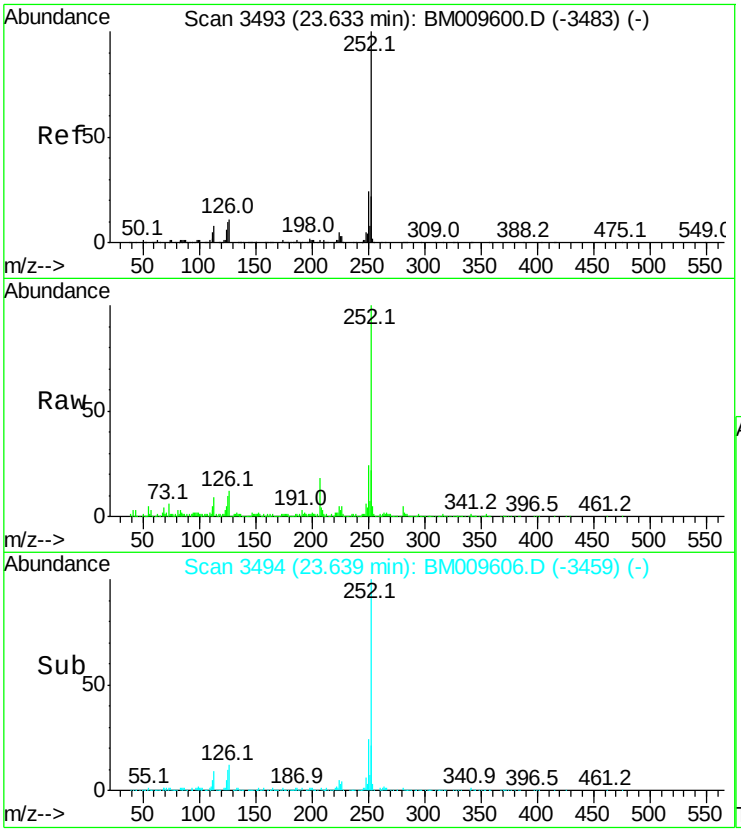


#25
Benzo(k)fluoranthene
Concen: 14.01 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. -0.05 min
Lab File: BM009606.D
Acq: 06 Apr 2017 22:35

Tgt Ion:252 Resp: 850045

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	11.8	8.8	13.2



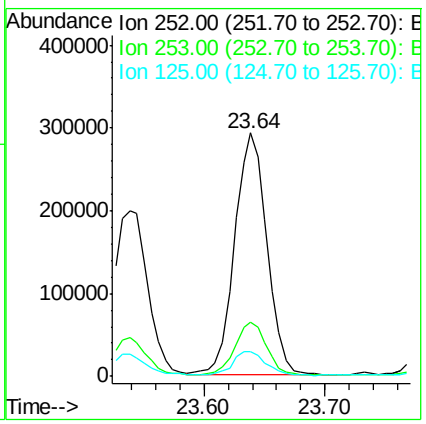


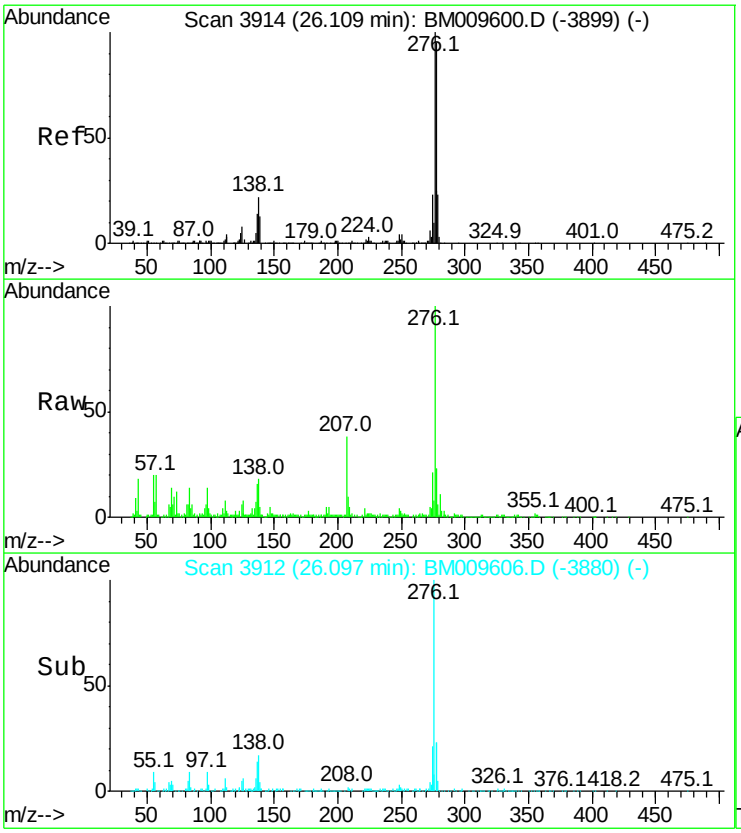
#27
Benzo(a)pyrene
Concen: 8.99 ng/ul
RT: 23.64 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BM009606.D
Acq: 06 Apr 2017 22:35

Instrument :
BNA_M
ClientSampleId :
CB346

Tgt Ion:252 Resp: 544653

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	10.3	9.4	14.2

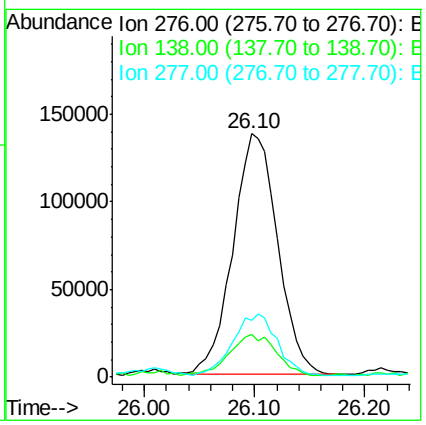


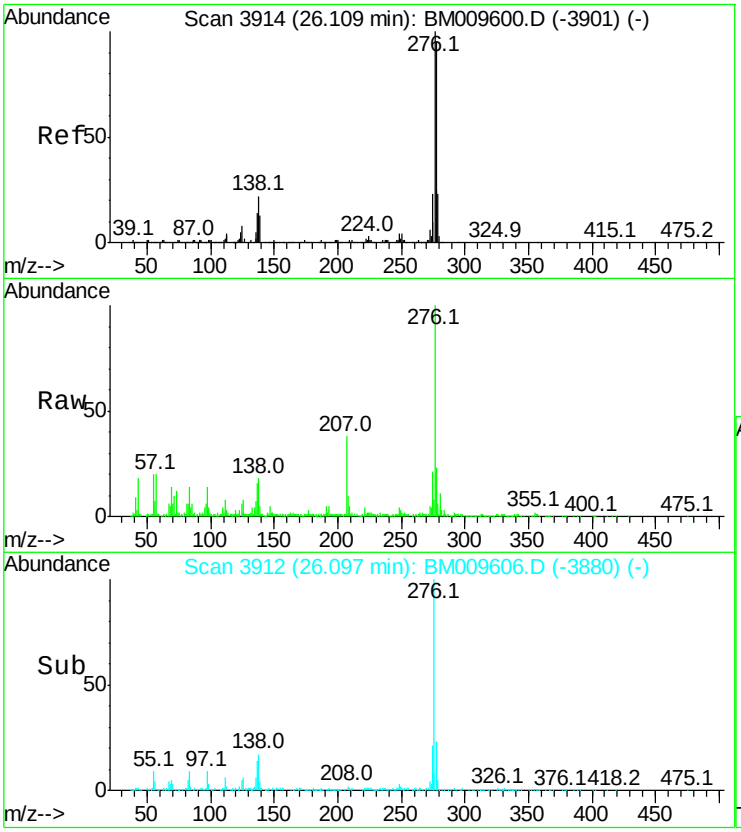


#28
Indeno(1,2,3-cd)pyrene
Concen: 5.75 ng/ul
RT: 26.10 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM009606.D
Acq: 06 Apr 2017 22:35

Tgt Ion:276 Resp: 390704

Ion	Ratio	Lower	Upper
276	100		
138	17.5	17.8	26.6#
277	23.2	19.4	29.0



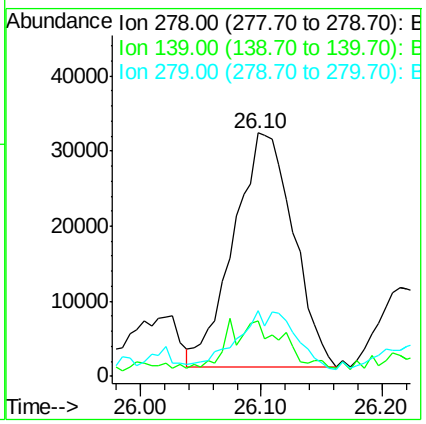


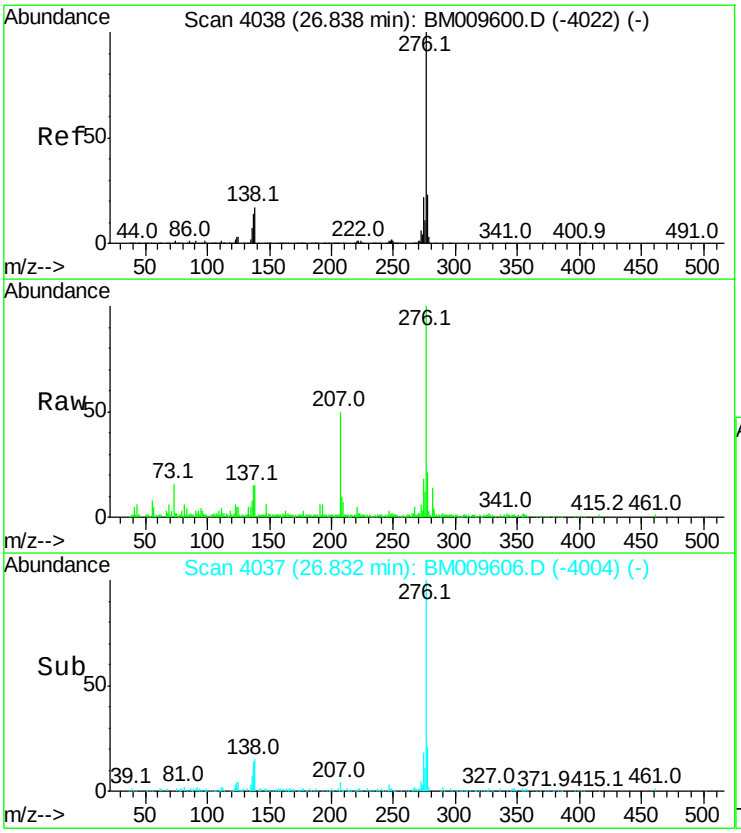
#29
Dibenzo(a,h)anthracene
Concen: 1.85 ng/ul
RT: 26.10 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM009606.D
Acq: 06 Apr 2017 22:35

Instrument :
BNA_M
ClientSampleId :
CB346

Tgt Ion:278 Resp: 106967

Ion	Ratio	Lower	Upper
278	100		
139	27.5	14.0	21.0#
279	26.7	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 6.28 ng/ul
RT: 26.83 min Scan# 4037
Delta R.T. -0.01 min
Lab File: BM009606.D
Acq: 06 Apr 2017 22:35

Tgt Ion:276 Resp: 351509

Ion	Ratio	Lower	Upper
276	100		
138	15.1	19.0	28.4#
277	21.0	19.7	29.5