Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009280.D
Acq On : 17 Mar 2017 18:49
Operator : SJ/MA
Sample : I2285-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB318

Quant Time: Mar 18 00:40:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:39:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	100381	20.00	ng/ul	0.00
2) Naphthalene-d8	10.67	136	469790	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	326341	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.26	188	872974	20.00	ng/ul	0.00
18) Chrysene-d12	21.43	240	1385391	20.00	ng/ul	0.00
23) Perylene-d12	23.77	264	1441583	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.29	165	25433	3.34	ng/uL	0.00
7) Acenaphthylene-d8	14.21	160	476471	17.22	ng/ul	0.00
10) Fluorene-d10	15.51	176	398153	16.42	ng/ul	0.00
15) Anthracene-d10	17.36	188	684533	16.50	ng/ul	0.00
19) Pyrene-d10	19.65	212	902315	16.25	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.62	264	1043639	15.92	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	14.24	152	47508	1.70	ng/ul#	88
14) Phenanthrene	17.30	178	241928	4.92	ng/ul	96
16) Anthracene	17.39	178	62031	1.22	ng/ul	96
17) Fluoranthene	19.32	202	638380	10.25	ng/ul	95
20) Pyrene	19.68	202	641390	8.97	ng/ul#	92
21) Benzo(a)anthracene	21.42	228	469262	5.95	ng/ul	97
22) Chrysene	21.47	228	473640	6.36	ng/ul	97
24) Benzo(b)fluoranthene	23.06	252	852683	10.05	ng/ul#	86
25) Benzo(k)fluoranthene	23.06	252	852683	10.65	ng/ul#	85
27) Benzo(a)pyrene	23.67	252	563675	6.90	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	26.14	276	439102	4.53	ng/ul#	92
30) Benzo(g,h,i)perylene	26.87	276	379386	4.70	ng/ul#	92

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

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Misc :
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Instrument : BNA_M
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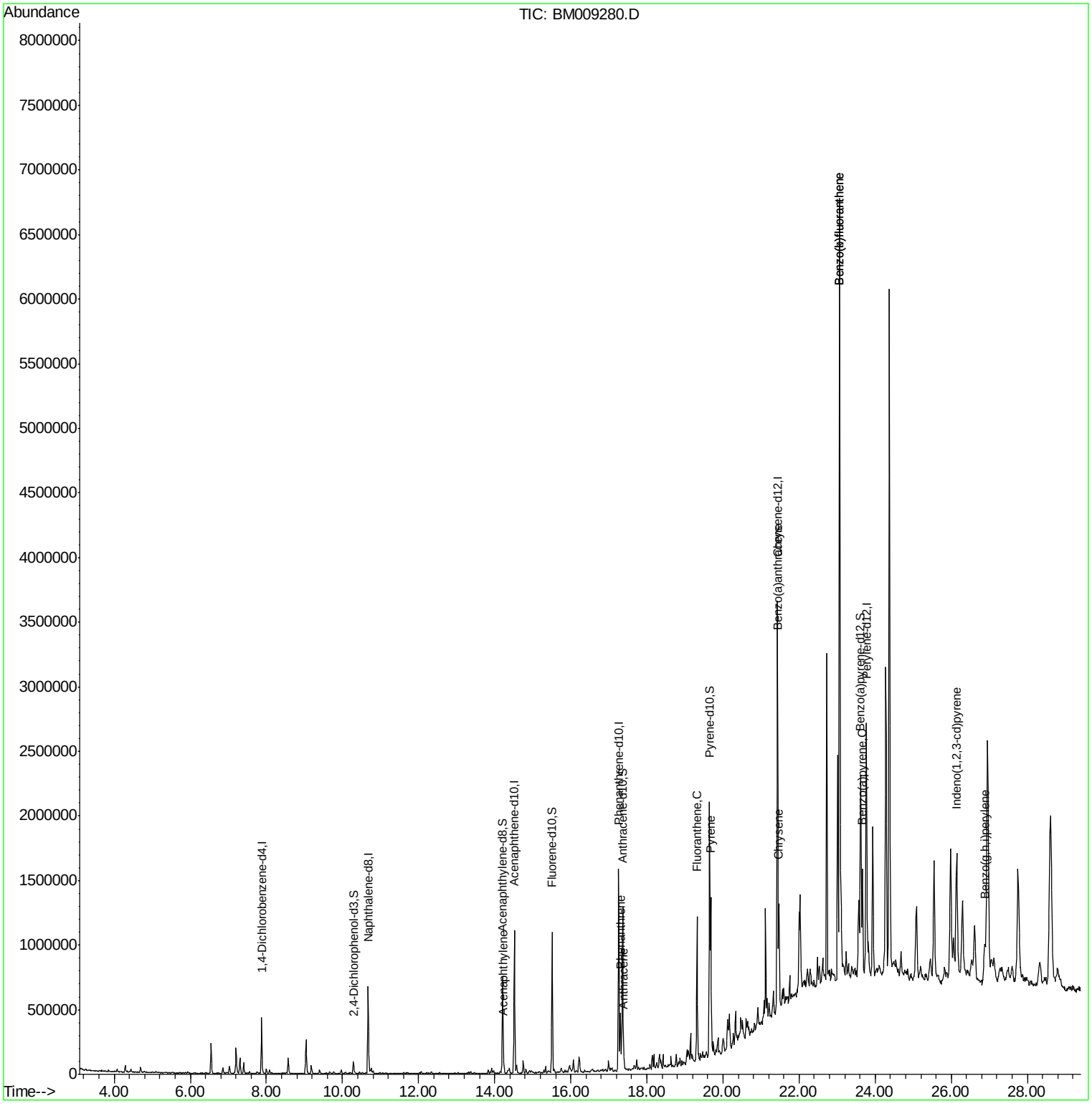
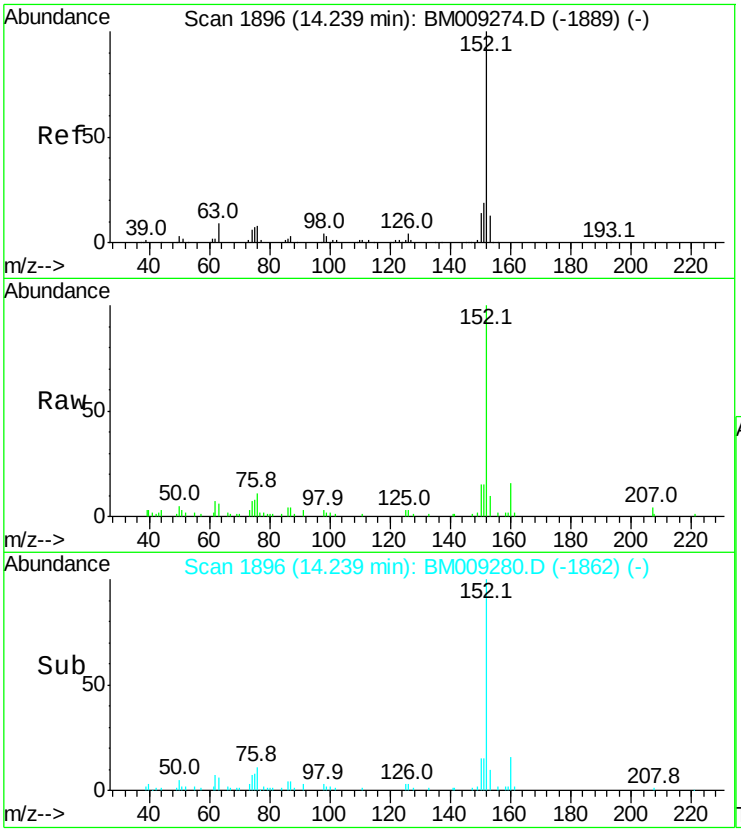


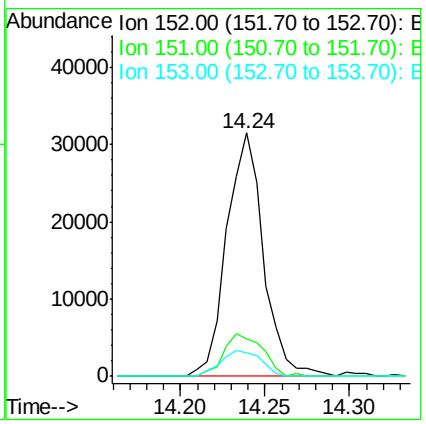


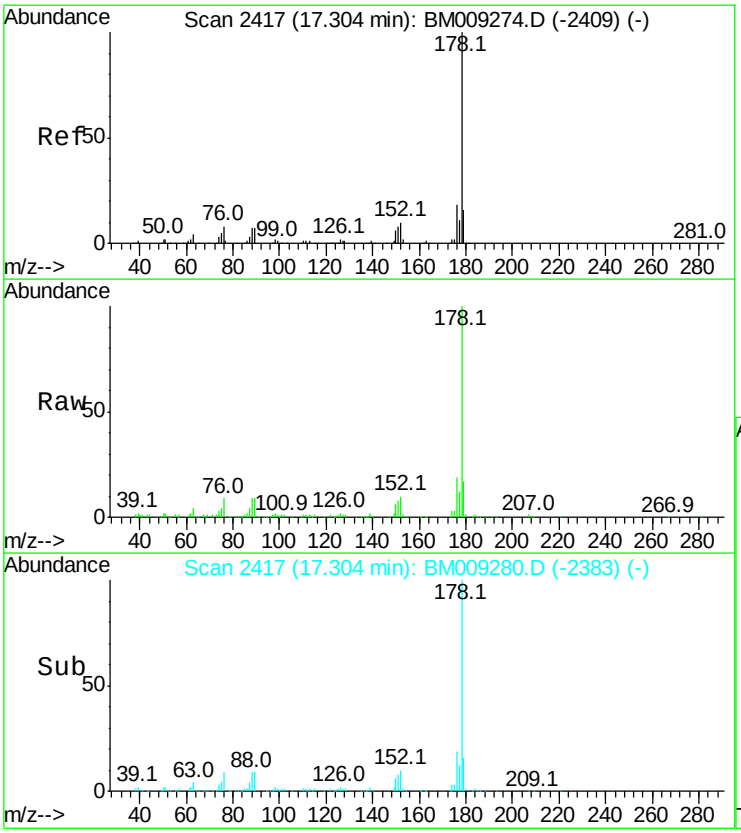
#8
Acenaphthylene
Concen: 1.70 ng/ul
RT: 14.24 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BM009280.D
Acq: 17 Mar 2017 18:49

Instrument :
BNA_M
ClientSampleId :
CB318

Tgt Ion:152 Resp: 47508

Ion	Ratio	Lower	Upper
152	100		
151	15.4	17.5	26.3#
153	9.8	10.6	16.0#

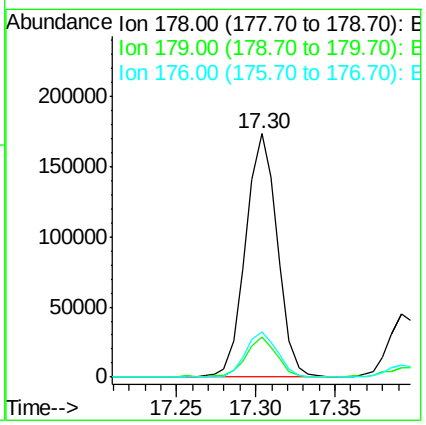


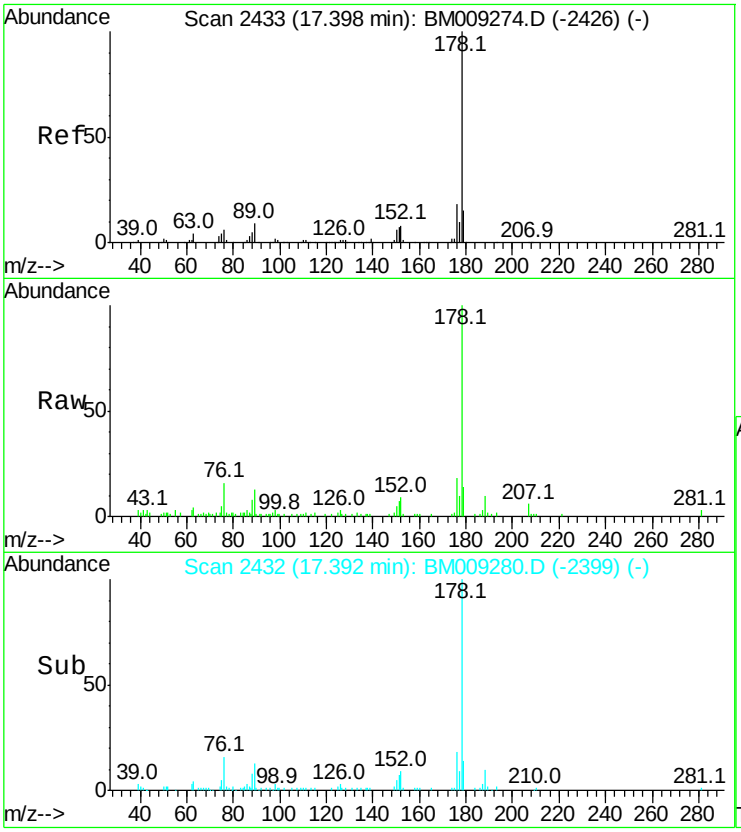


#14
Phenanthrene
Concen: 4.92 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BM009280.D
Acq: 17 Mar 2017 18:49

Tgt Ion:178 Resp: 241928

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.2	18.4
176	18.8	16.4	24.6



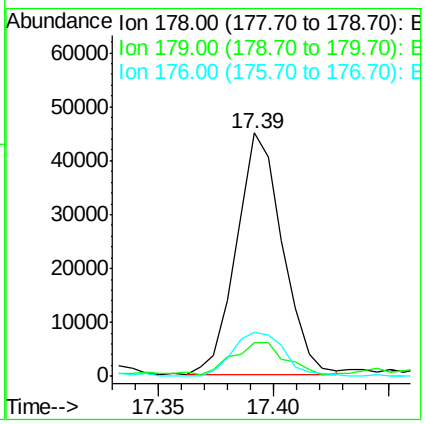


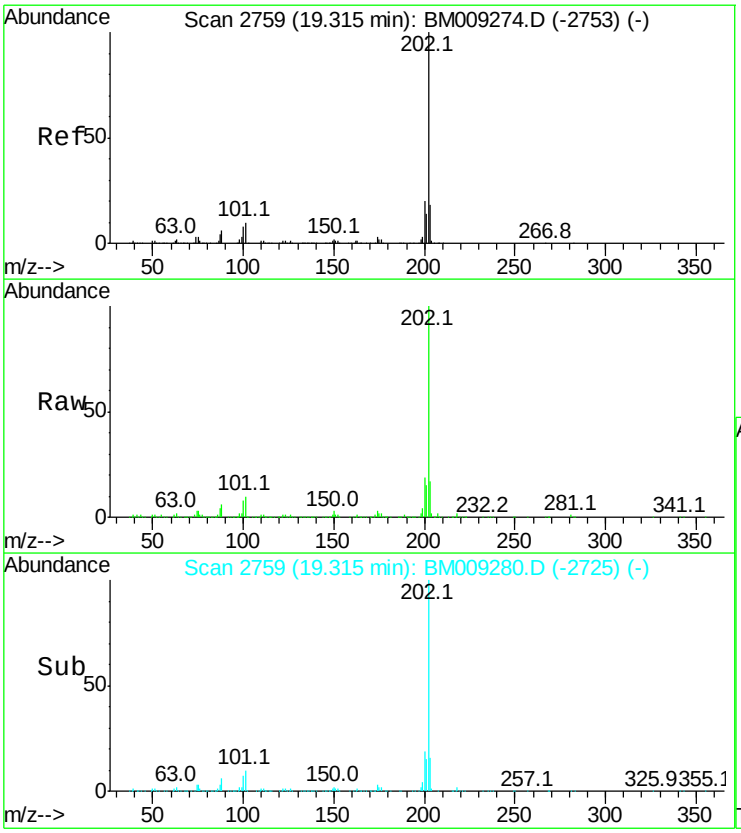
#16
Anthracene
Concen: 1.22 ng/ul
RT: 17.39 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BM009280.D
Acq: 17 Mar 2017 18:49

Instrument :
BNA_M
ClientSampleId :
CB318

Tgt Ion:178 Resp: 62031

Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.7	19.1
176	17.9	15.8	23.8

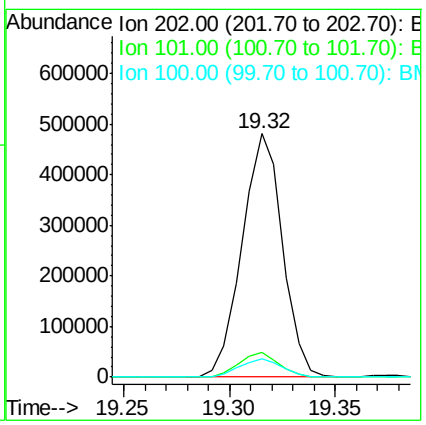


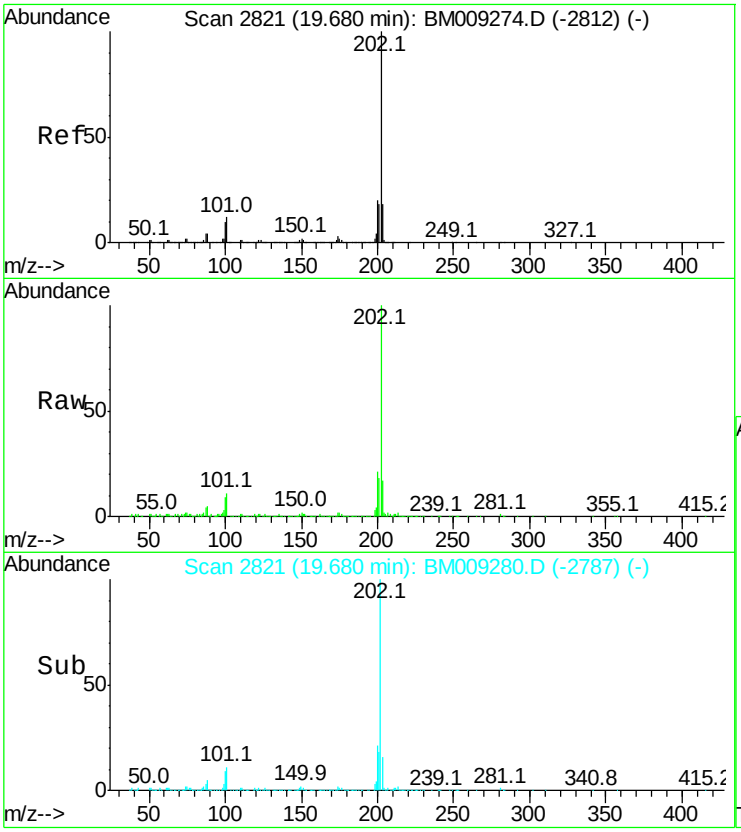


#17
Fluoranthene
Concen: 10.25 ng/ul
RT: 19.32 min Scan# 2759
Delta R.T. -0.00 min
Lab File: BM009280.D
Acq: 17 Mar 2017 18:49

Tgt Ion:202 Resp: 638380

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



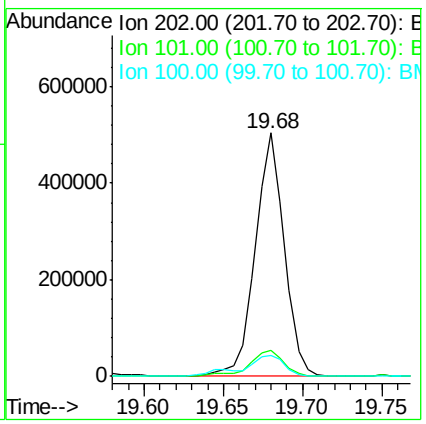


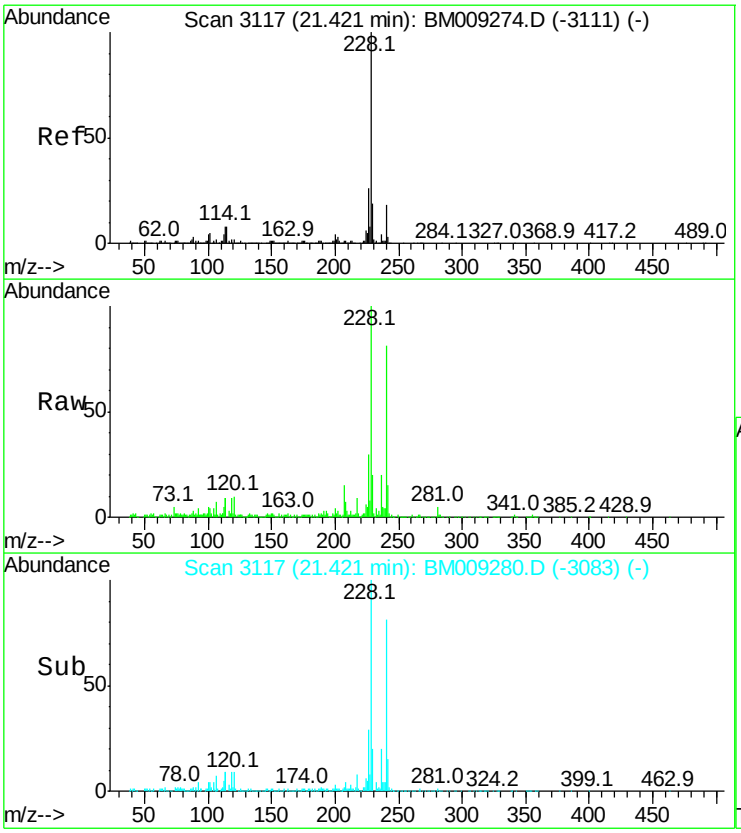
#20
Pyrene
Concen: 8.97 ng/ul
RT: 19.68 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BM009280.D
Acq: 17 Mar 2017 18:49

Instrument :
BNA_M
ClientSampleId :
CB318

Tgt Ion:202 Resp: 641390

Ion	Ratio	Lower	Upper
202	100		
101	10.9	11.2	16.8#
100	8.8	9.8	14.6#

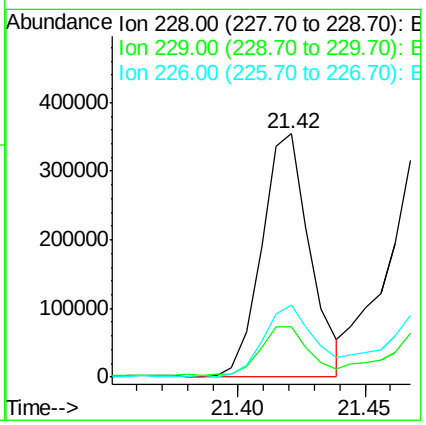


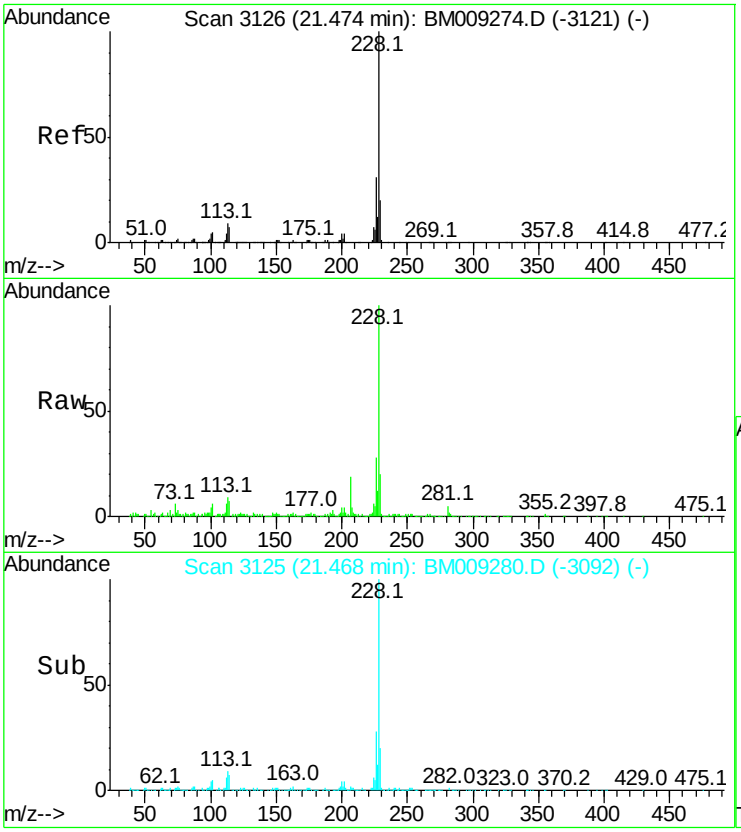


#21
Benzo(a)anthracene
Concen: 5.95 ng/ul
RT: 21.42 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BM009280.D
Acq: 17 Mar 2017 18:49

Tgt Ion:228 Resp: 469262

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	29.6	22.1	33.1



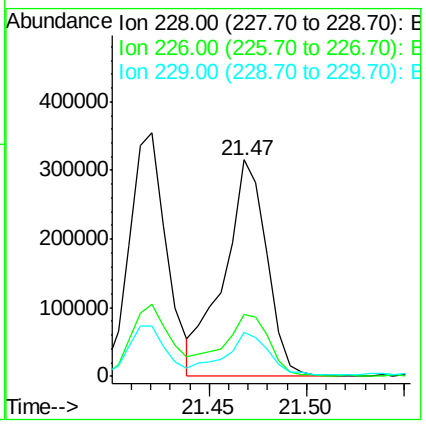


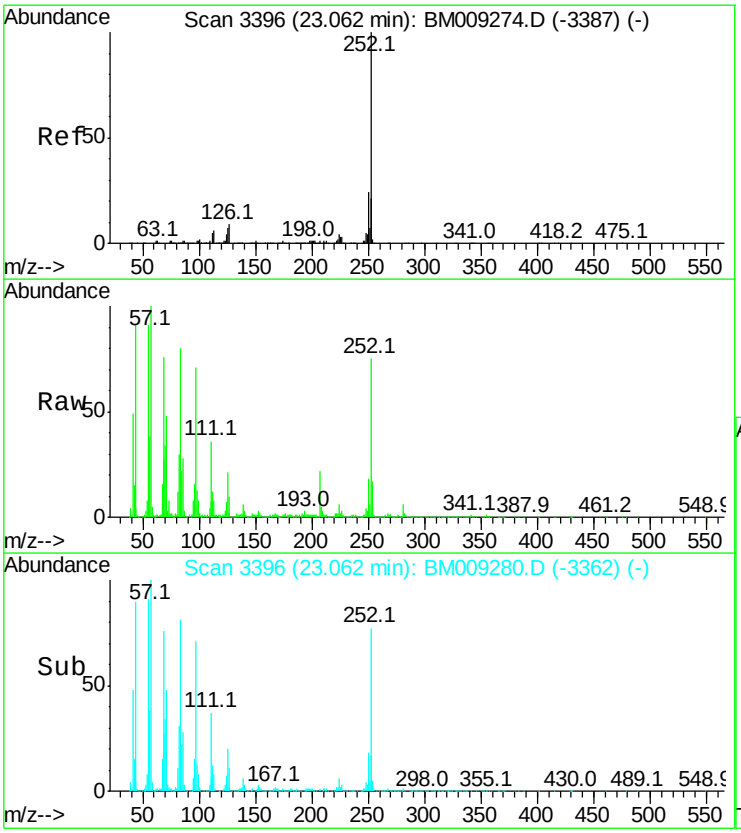
#22
Chrysene
Concen: 6.36 ng/ul
RT: 21.47 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM009280.D
Acq: 17 Mar 2017 18:49

Instrument :
BNA_M
ClientSampleId :
CB318

Tgt Ion:228 Resp: 473640

Ion	Ratio	Lower	Upper
228	100		
226	28.5	25.0	37.6
229	20.4	16.6	25.0

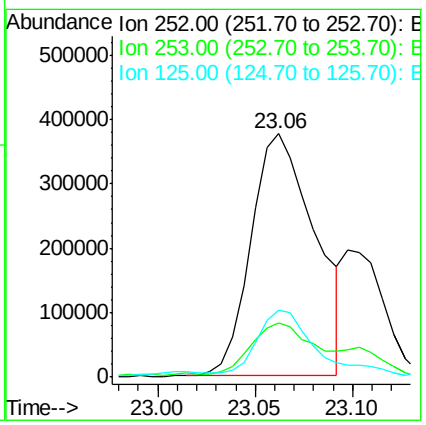


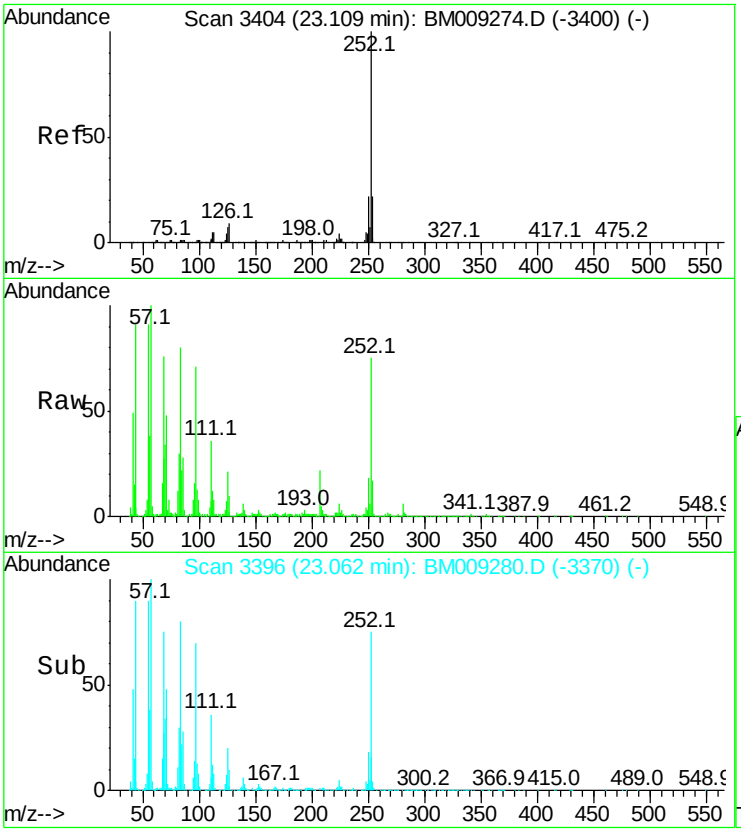


#24
Benzo(b)fluoranthene
Concen: 10.05 ng/ul
RT: 23.06 min Scan# 3396
Delta R.T. -0.00 min
Lab File: BM009280.D
Acq: 17 Mar 2017 18:49

Tgt Ion:252 Resp: 852683

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	27.5	9.4	14.0#



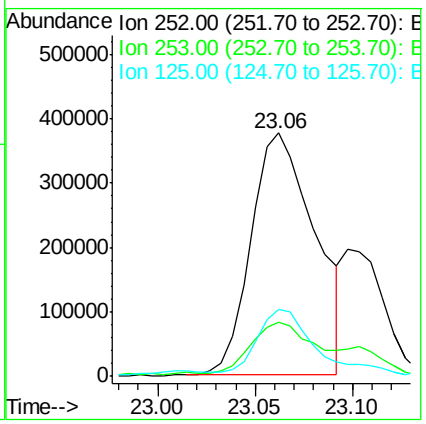


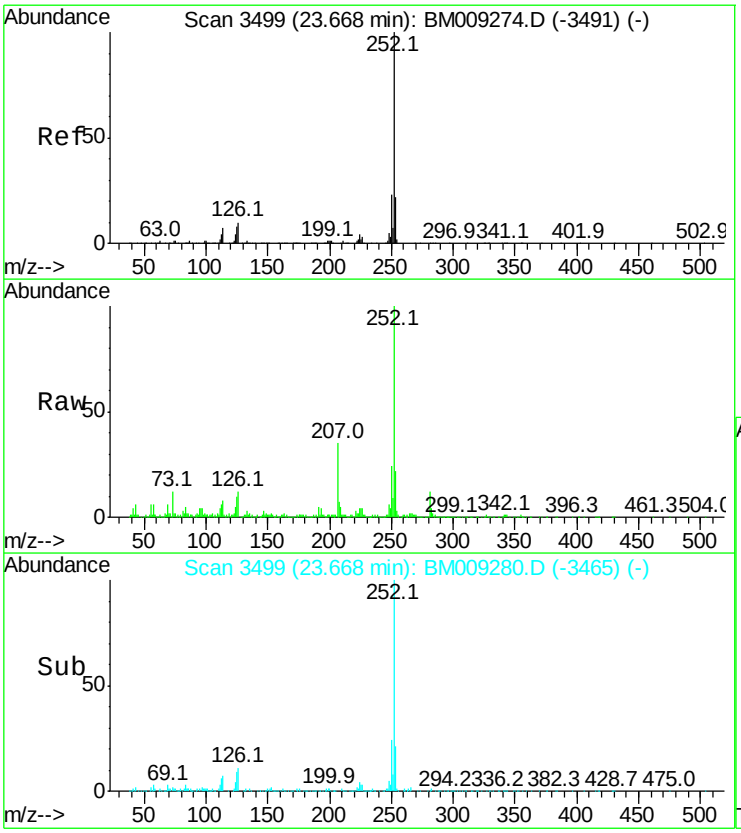
#25
Benzo(k)fluoranthene
Concen: 10.65 ng/ul
RT: 23.06 min Scan# 3396
Delta R.T. -0.05 min
Lab File: BM009280.D
Acq: 17 Mar 2017 18:49

Instrument :
BNA_M
ClientSampleId :
CB318

Tgt Ion:252 Resp: 852683

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	27.5	8.8	13.2#

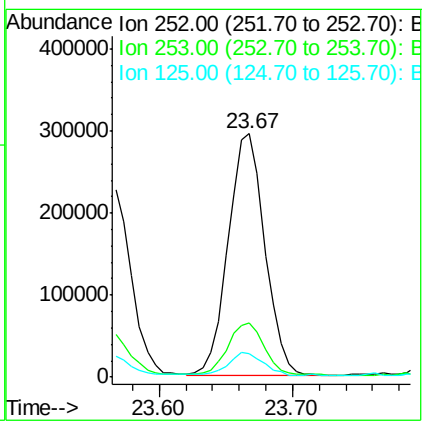


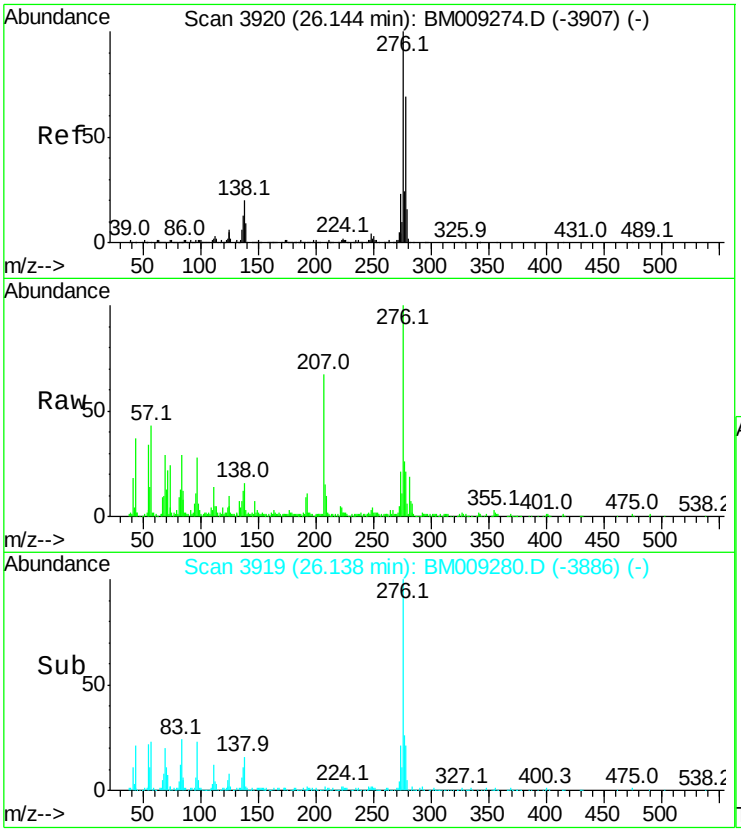


#27
Benzo(a)pyrene
Concen: 6.90 ng/ul
RT: 23.67 min Scan# 3499
Delta R.T. -0.00 min
Lab File: BM009280.D
Acq: 17 Mar 2017 18:49

Tgt Ion:252 Resp: 563675

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	9.5	9.4	14.2



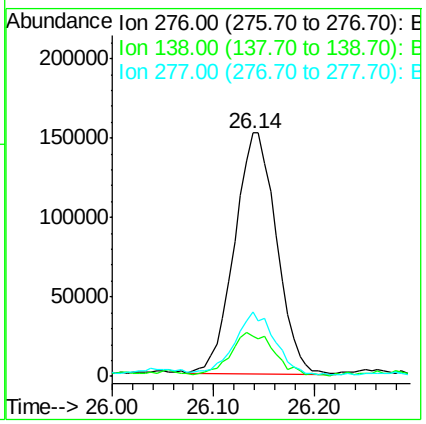


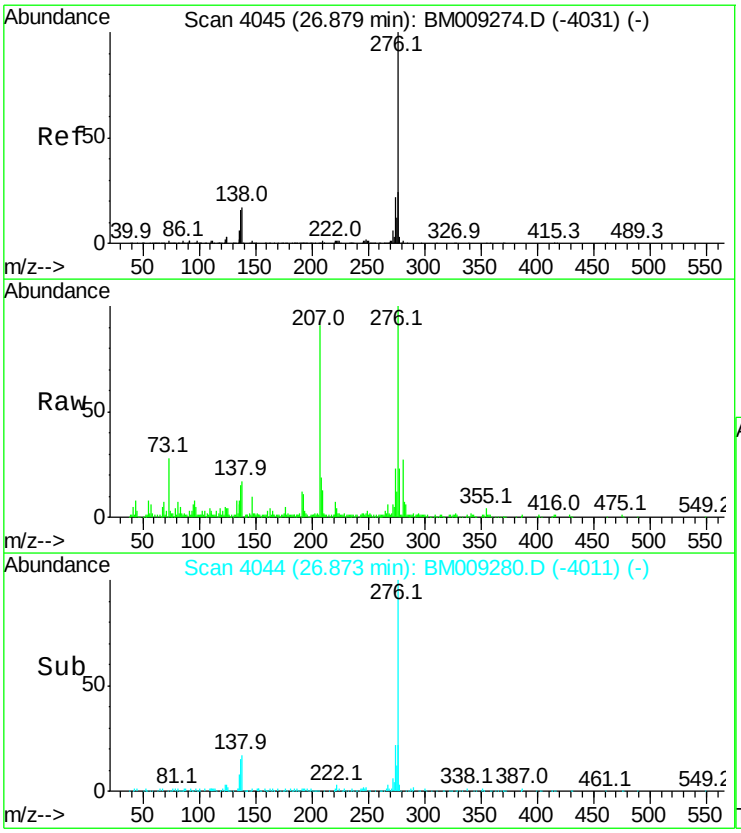
#28
Indeno(1,2,3-cd)pyrene
Concen: 4.53 ng/ul
RT: 26.14 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BM009280.D
Acq: 17 Mar 2017 18:49

Instrument :
BNA_M
ClientSampleId :
CB318

Tgt Ion:276 Resp: 439102

Ion	Ratio	Lower	Upper
276	100		
138	16.4	17.8	26.6#
277	26.3	19.4	29.0





#30
Benzo(g,h,i)perylene
Concen: 4.70 ng/ul
RT: 26.87 min Scan# 4044
Delta R.T. -0.01 min
Lab File: BM009280.D
Acq: 17 Mar 2017 18:49

Tgt Ion:276 Resp: 379386

Ion	Ratio	Lower	Upper
276	100		
138	17.2	19.0	28.4#
277	22.8	19.7	29.5