Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111017\
Data File : BM012927.D
Acq On : 12 Nov 2017 06:02
Operator : SJ/JU
Sample : I6322-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 13 02:12:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 02:06:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	81674	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	315127	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	185549	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.17	188	433616	20.00	ng/ul	0.00
17) Chrysene-d12	21.36	240	519525	20.00	ng/ul	0.00
22) Perylene-d12	23.63	264	590970	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.12	160	403942	20.93	ng/ul	0.00
10) Fluorene-d10	15.42	176	293147	22.21	ng/ul	0.00
14) Anthracene-d10	17.27	188	468494	22.35	ng/ul	0.00
18) Pyrene-d10	19.57	212	520226	22.38	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.49	264	623177	22.34	ng/ul	0.01
Target Compounds						Qvalue
13) Phenanthrene	17.22	178	214777	8.97	ng/ul	99
15) Anthracene	17.30	178	48652	1.96	ng/ul	98
16) Fluoranthene	19.23	202	487260	16.54	ng/ul#	91
19) Pyrene	19.60	202	368465	12.36	ng/ul#	92
20) Benzo(a)anthracene	21.34	228	269460	8.43	ng/ul	98
21) Chrysene	21.39	228	233216	8.16	ng/ul	95
23) Benzo(b)fluoranthene	22.95	252	533084	15.17	ng/ul	98
24) Benzo(k)fluoranthene	22.95	252	533084	15.87	ng/ul	98
26) Benzo(a)pyrene	23.44	252	178303	5.23	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.94	276	204391	4.65	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.94	278	59186	1.60	ng/ul#	89
29) Benzo(g,h,i)perylene	26.64	276	150849	4.11	ng/ul	96

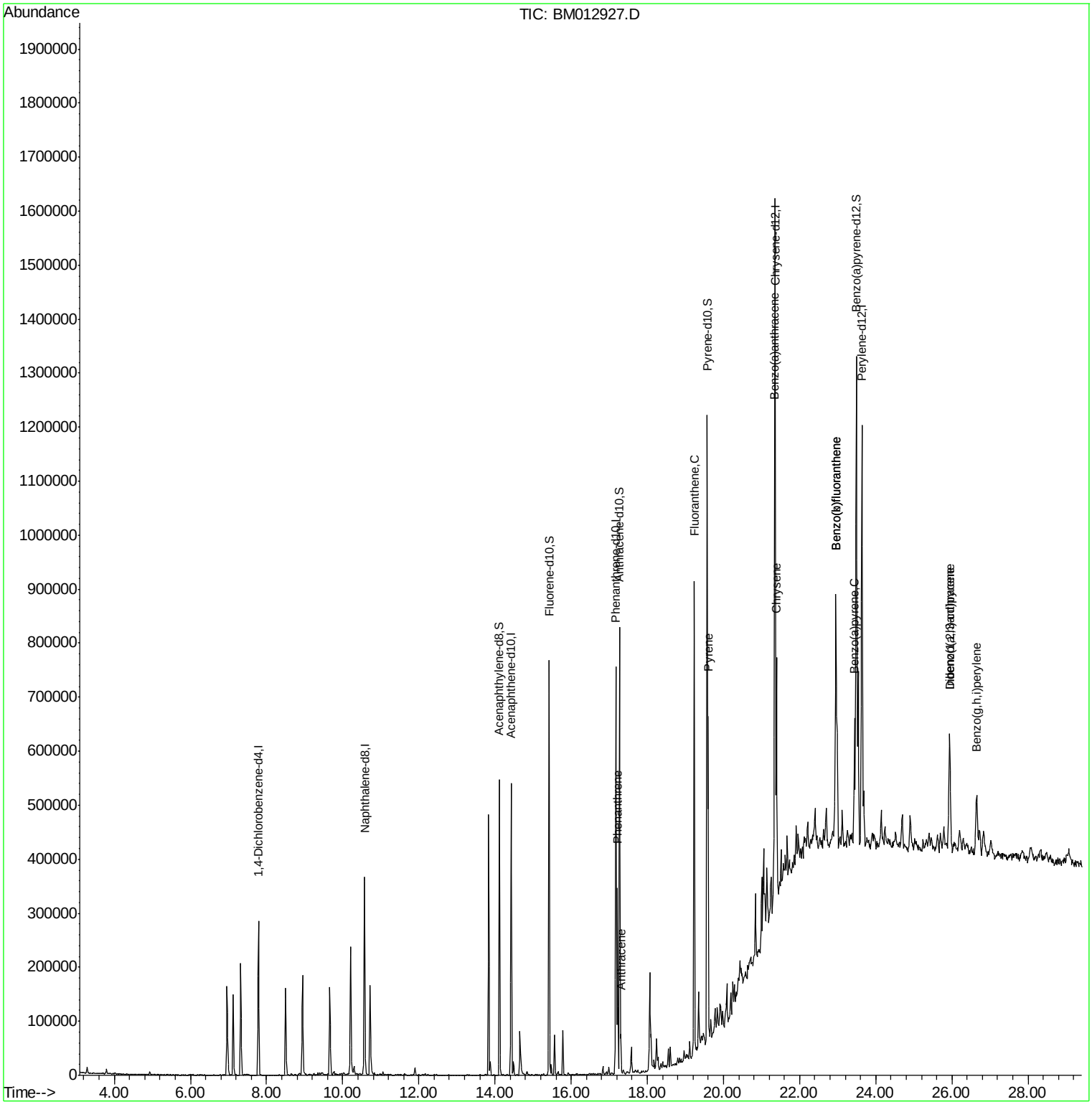
(#) = qualifier out of range (m) = manual integration (+) = signals summed

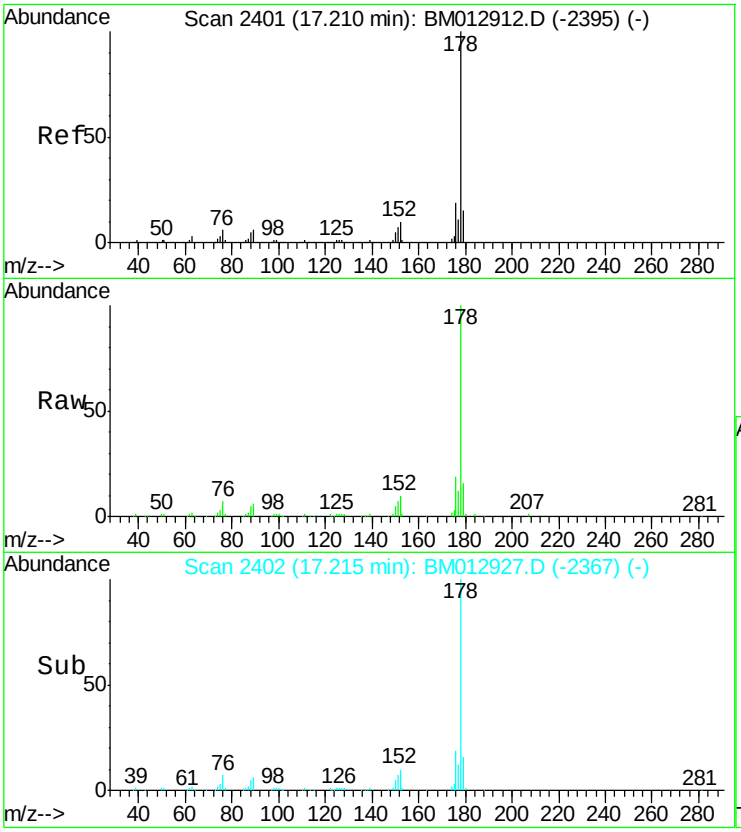
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111017\
Data File : BM012927.D
Acq On : 12 Nov 2017 06:02
Operator : SJ/JU
Sample : I6322-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 13 02:12:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 02:06:47 2017
Response via : Initial Calibration



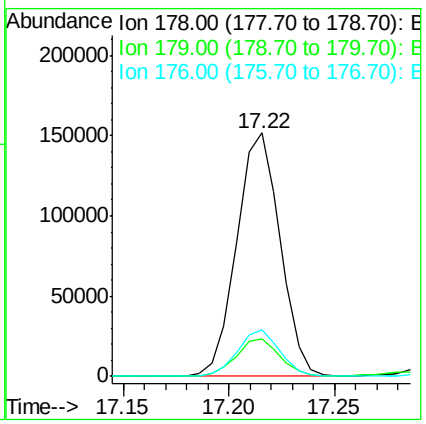


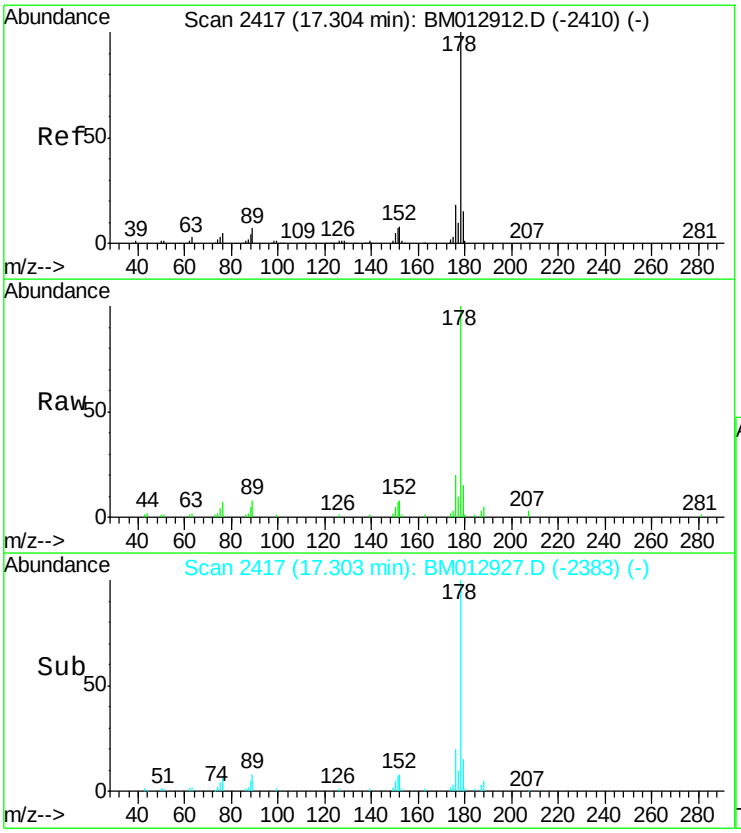
#13
Phenanthrene
Concen: 8.97 ng/ul
RT: 17.22 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 214777

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.3	15.1	22.7

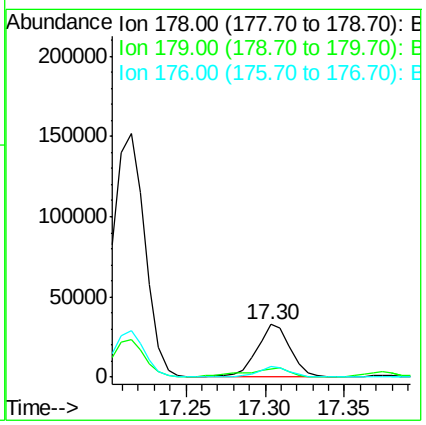


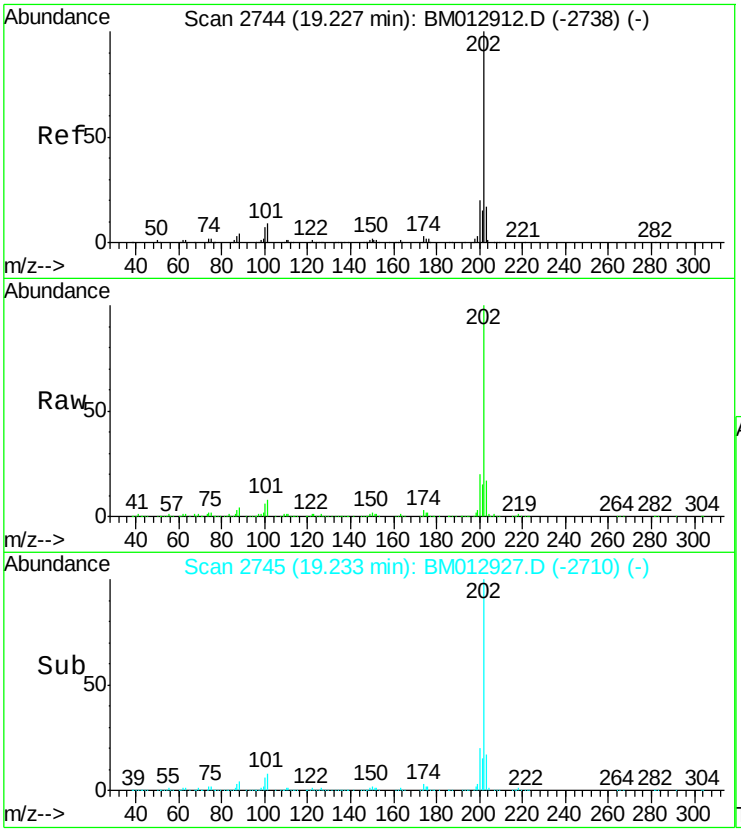


#15
Anthracene
Concen: 1.96 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Tgt Ion:178 Resp: 48652

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	20.2	15.2	22.8



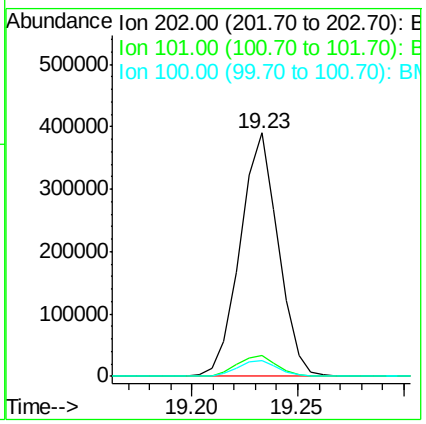


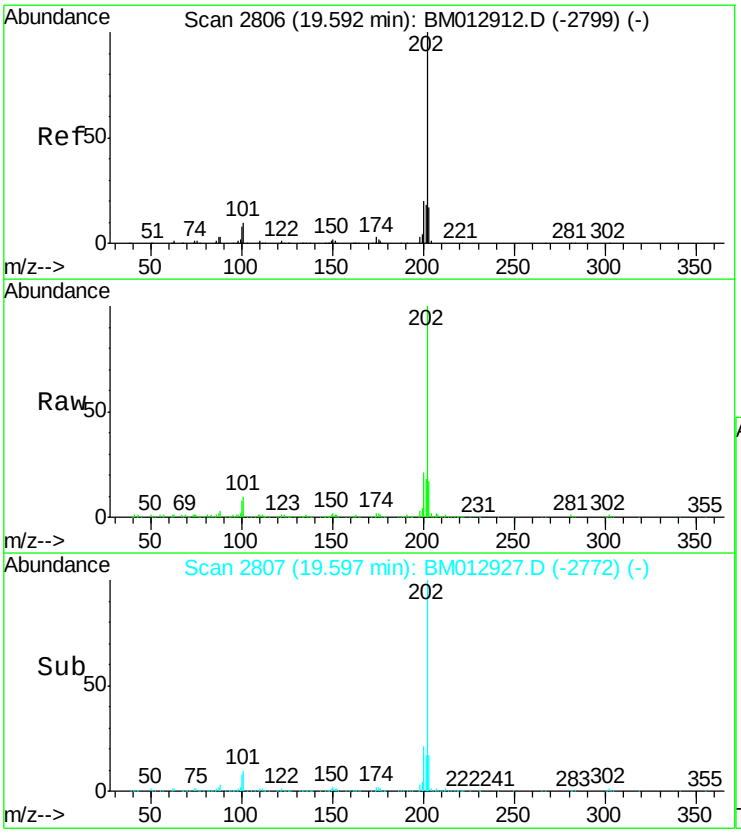
#16
Fluoranthene
Concen: 16.54 ng/ul
RT: 19.23 min Scan# 2745
Delta R.T. 0.01 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 487260

Ion	Ratio	Lower	Upper
202	100		
101	8.4	9.9	14.9#
100	6.3	7.4	11.0#

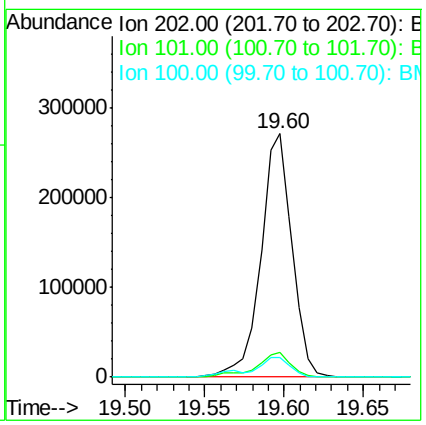


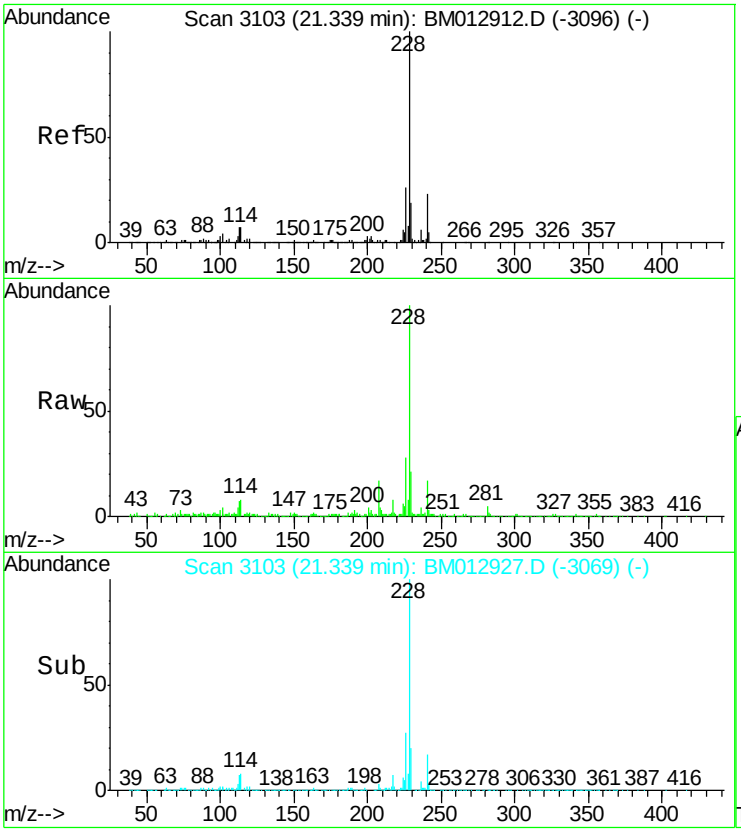


#19
Pyrene
Concen: 12.36 ng/ul
RT: 19.60 min Scan# 2807
Delta R.T. 0.01 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Tgt Ion:202 Resp: 368465

Ion	Ratio	Lower	Upper
202	100		
101	10.1	11.0	16.4#
100	8.0	8.1	12.1#



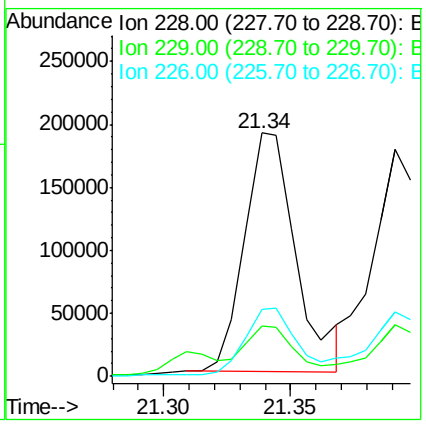


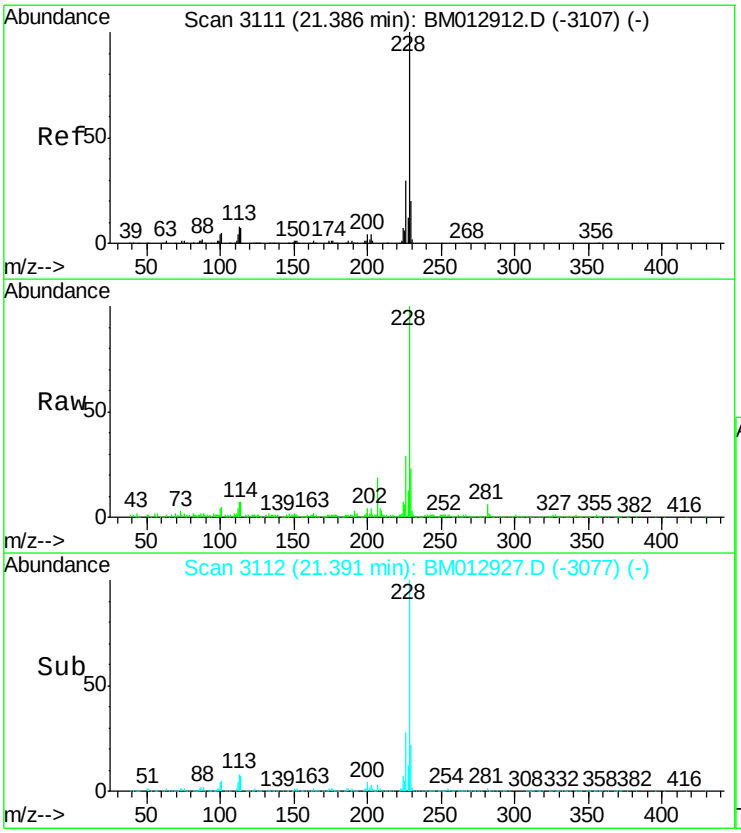
#20
Benzo(a)anthracene
Concen: 8.43 ng/ul
RT: 21.34 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 269460

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	27.7	21.1	31.7

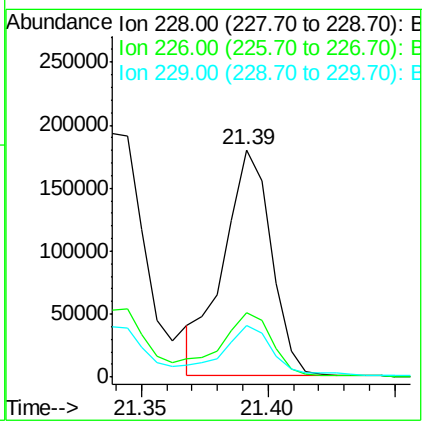


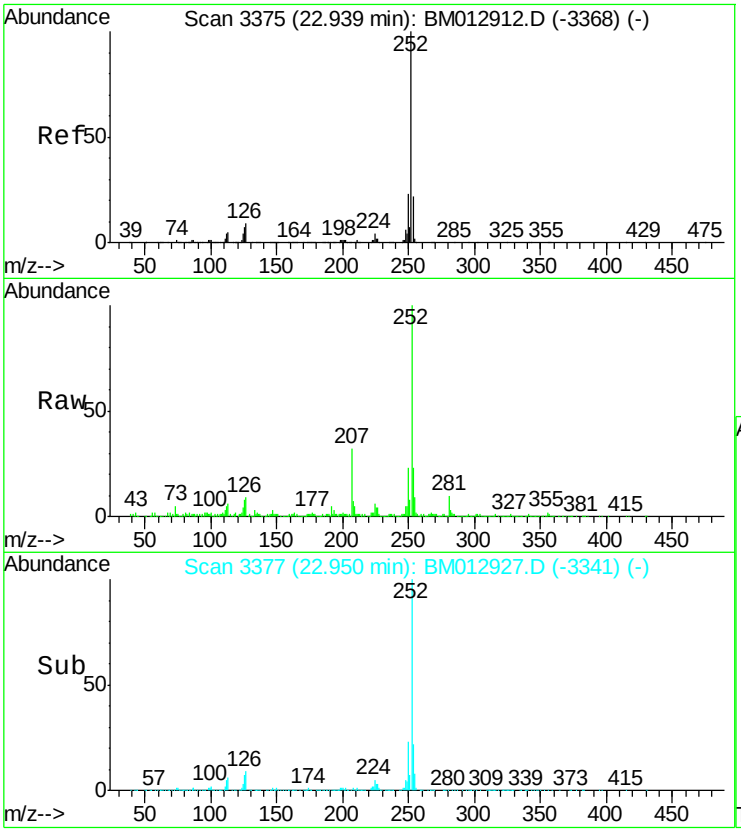


#21
Chrysene
Concen: 8.16 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Tgt Ion:228 Resp: 233216

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.5	36.7
229	22.8	15.8	23.8



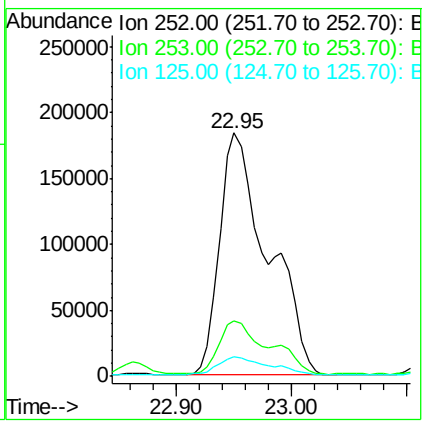


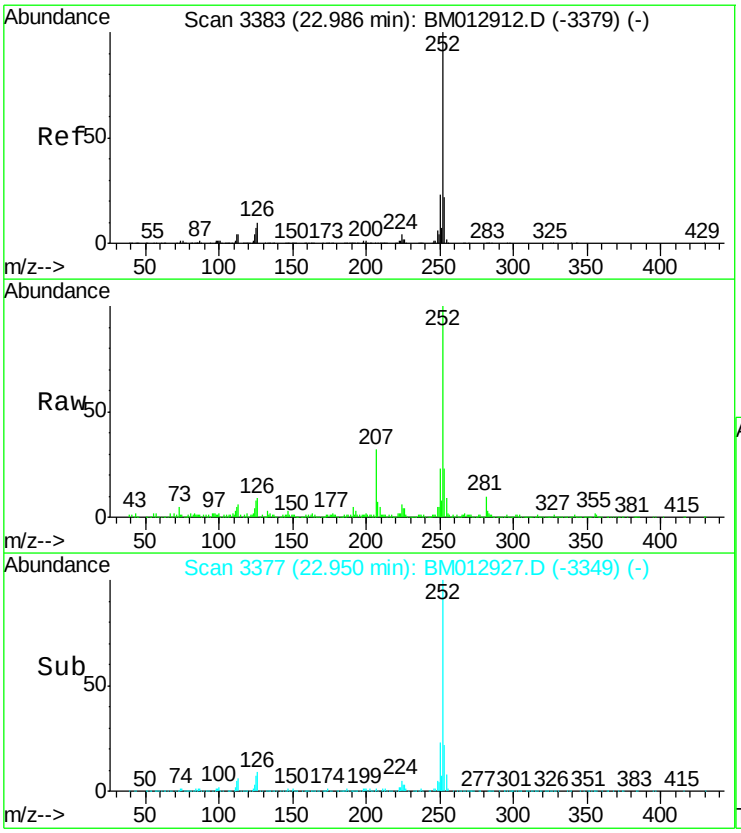
#23
Benzo(b)fluoranthene
Concen: 15.17 ng/ul
RT: 22.95 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 533084

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	8.1	8.0	12.0

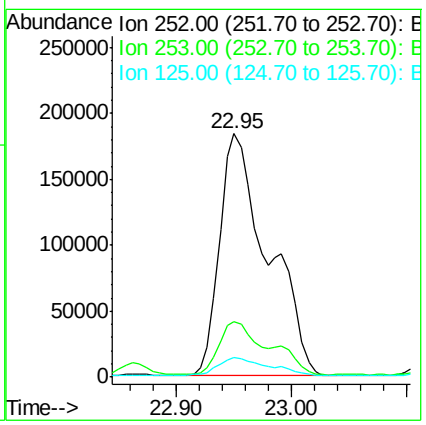


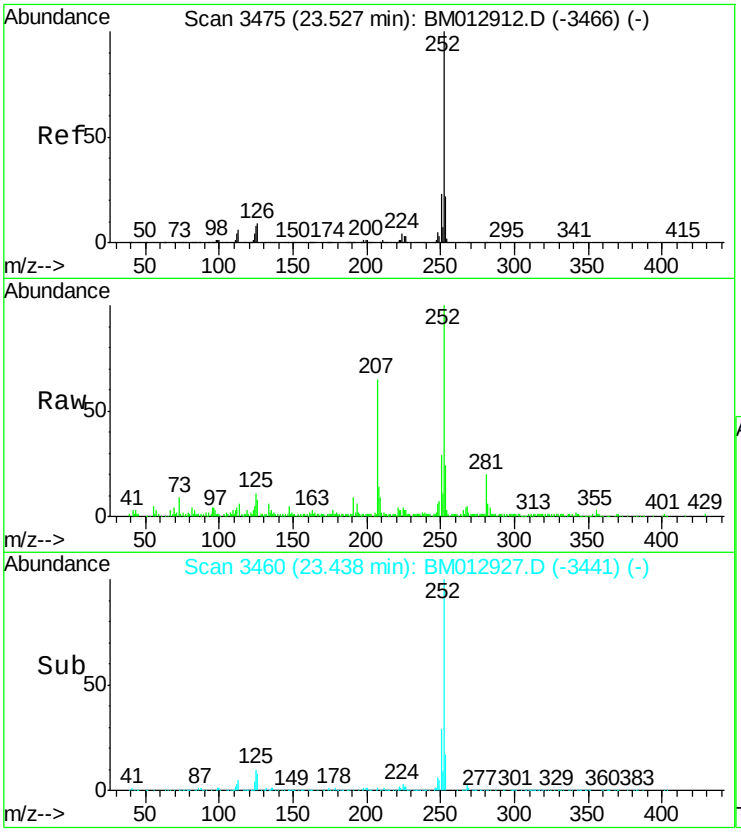


#24
Benzo(k)fluoranthene
Concen: 15.87 ng/ul
RT: 22.95 min Scan# 3377
Delta R.T. -0.04 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Tgt Ion:252 Resp: 533084

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	8.1	8.1	12.1



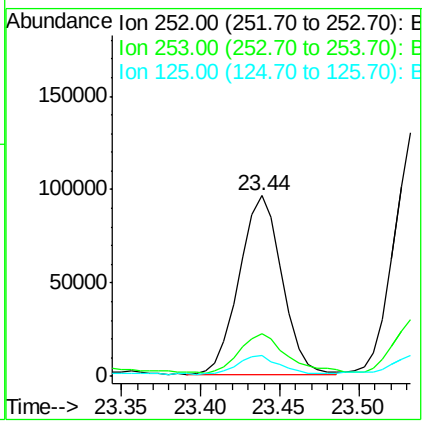


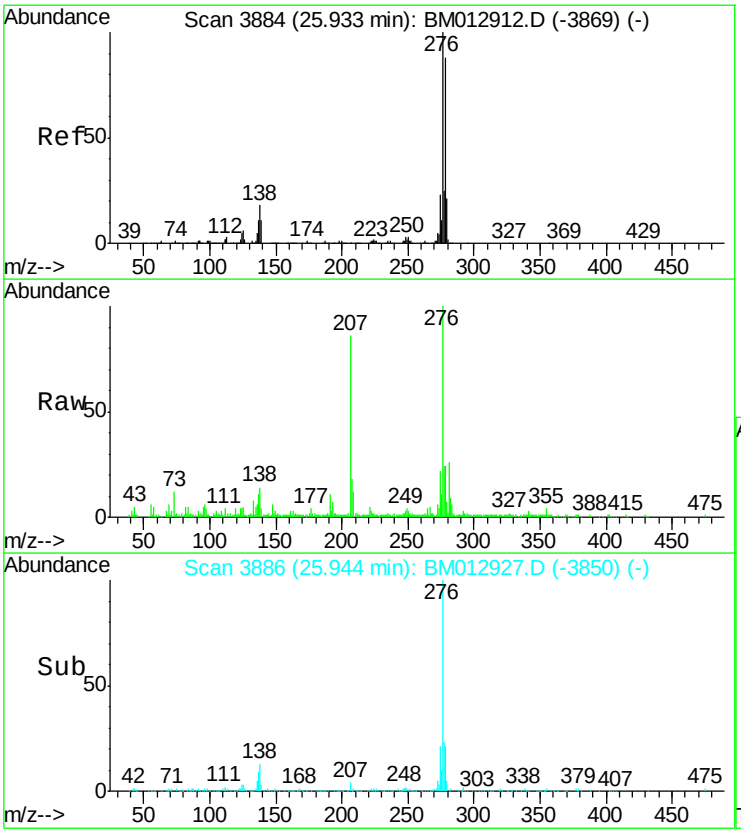
#26
Benzo(a)pyrene
Concen: 5.23 ng/ul
RT: 23.44 min Scan# 3460
Delta R.T. -0.09 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 178303

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	11.3	8.2	12.4

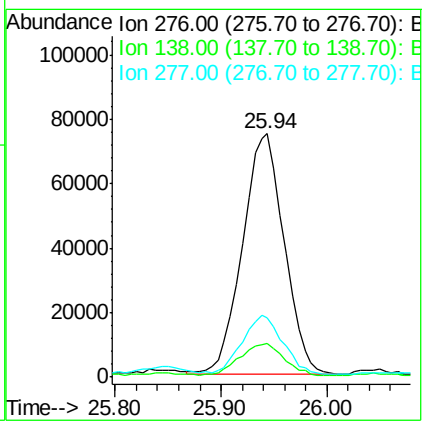


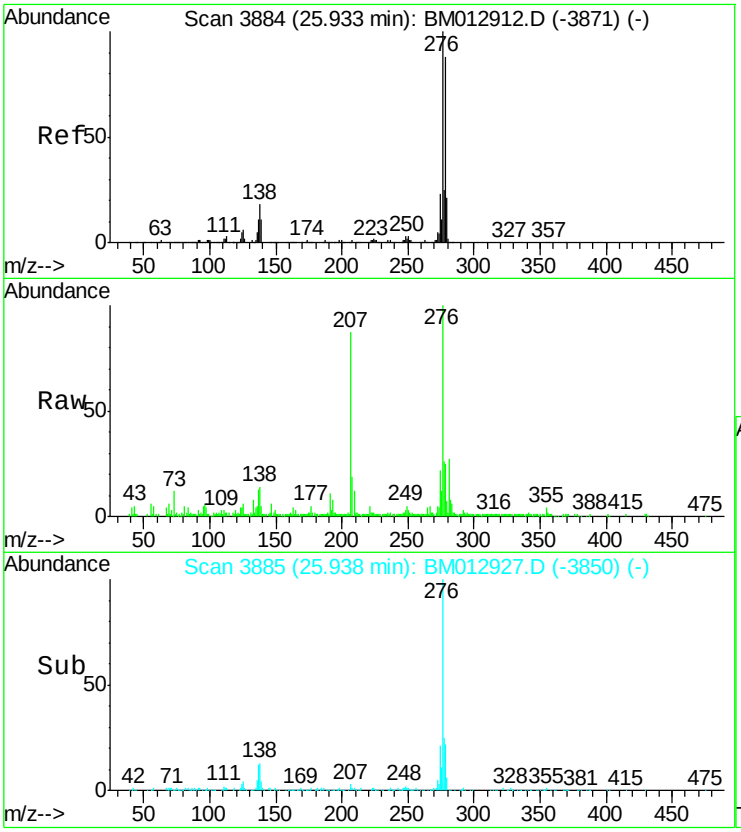


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.65 ng/ul
RT: 25.94 min Scan# 3886
Delta R.T. 0.01 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Tgt Ion:276 Resp: 204391

Ion	Ratio	Lower	Upper
276	100		
138	13.7	14.4	21.6#
277	24.5	18.0	27.0



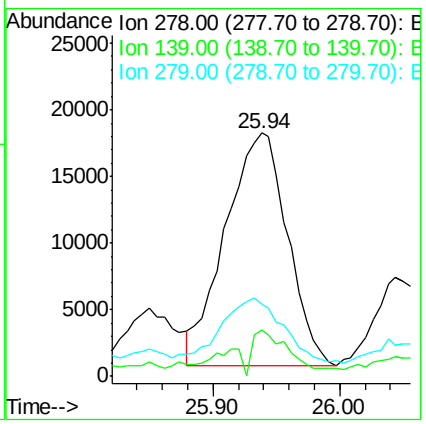


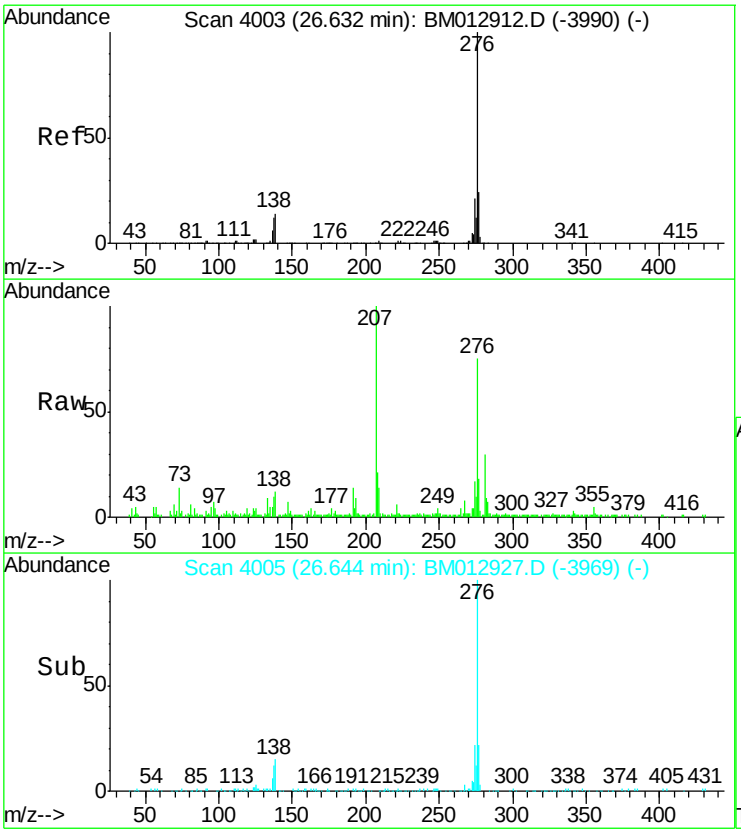
#28
Dibenzo(a,h)anthracene
Concen: 1.60 ng/ul
RT: 25.94 min Scan# 3885
Delta R.T. 0.01 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 59186

Ion	Ratio	Lower	Upper
278	100		
139	19.0	12.2	18.4#
279	29.7	19.2	28.8#





#29
Benzo(g,h,i)perylene
Concen: 4.11 ng/ul
RT: 26.64 min Scan# 4005
Delta R.T. 0.01 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Tgt Ion:276 Resp: 150849

Ion	Ratio	Lower	Upper
276	100		
138	15.5	15.3	22.9
277	23.7	19.0	28.4