Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111017\
Data File : BM012919.D
Acq On : 12 Nov 2017 01:19
Operator : SJ/JU
Sample : I6322-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 13 02:11:07 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	7.78	152	84862	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	317572	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	185345	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.17	188	435395	20.00	ng/ul	0.00
17) Chrysene-d12	21.35	240	534692	20.00	ng/ul	0.00
22) Perylene-d12	23.63	264	603026	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.12	160	483677	25.09	ng/ul	0.00
10) Fluorene-d10	15.42	176	353236	26.79	ng/ul	0.00
14) Anthracene-d10	17.27	188	548941	26.08	ng/ul	0.00
18) Pyrene-d10	19.56	212	610123	25.50	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.49	264	739776	25.98	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	14.49	153	300619	23.93	ng/ul	96
13) Phenanthrene	17.21	178	334130	13.89	ng/ul	99
15) Anthracene	17.30	178	73565	2.94	ng/ul	97
16) Fluoranthene	19.23	202	791378	26.75	ng/ul#	92
19) Pyrene	19.59	202	1236764	40.29	ng/ul#	94
20) Benzo(a)anthracene	21.34	228	439648	13.36	ng/ul	98
21) Chrysene	21.39	228	385280	13.10	ng/ul	96
23) Benzo(b)fluoranthene	22.94	252	881989	24.60	ng/ul#	98
24) Benzo(k)fluoranthene	22.94	252	881989	25.73	ng/ul#	98
26) Benzo(a)pyrene	23.43	252	294149	8.46	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.93	276	338800	7.55	ng/ul	95
28) Dibenzo(a,h)anthracene	25.93	278	98345	2.61	ng/ul#	76
29) Benzo(g,h,i)perylene	26.63	276	256944	6.86	ng/ul#	94

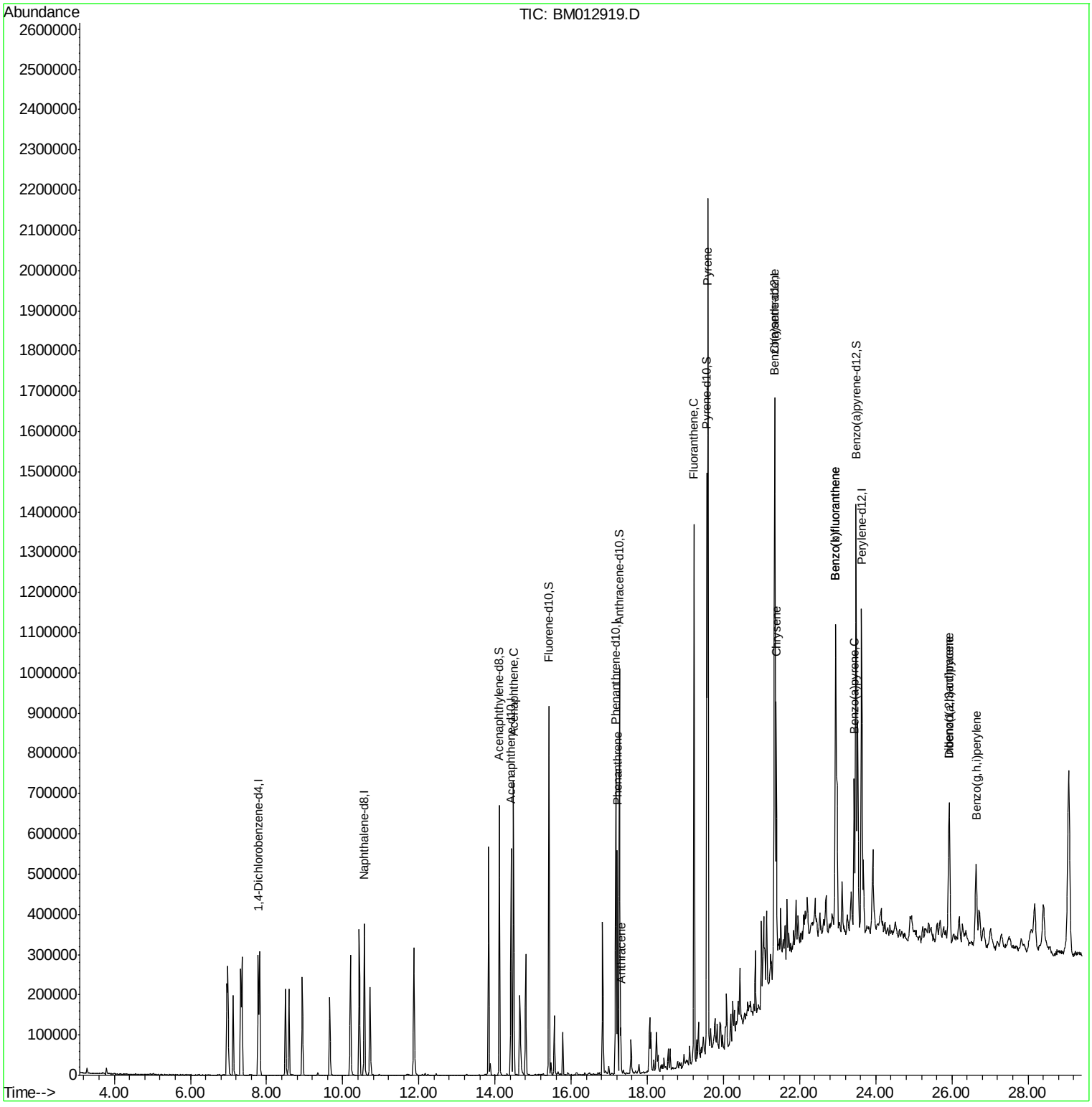
(#) = qualifier out of range (m) = manual integration (+) = signals summed

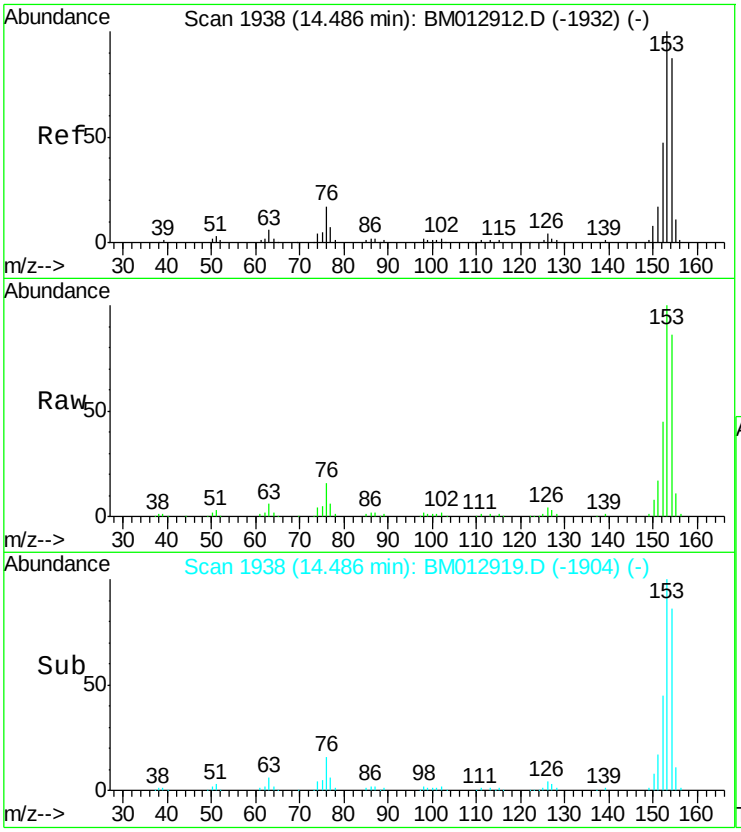
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111017\
Data File : BM012919.D
Acq On : 12 Nov 2017 01:19
Operator : SJ/JU
Sample : I6322-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 13 02:11:07 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



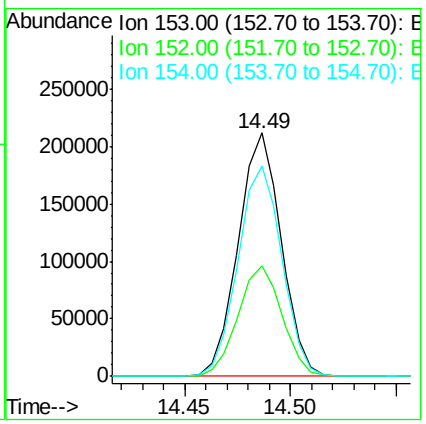


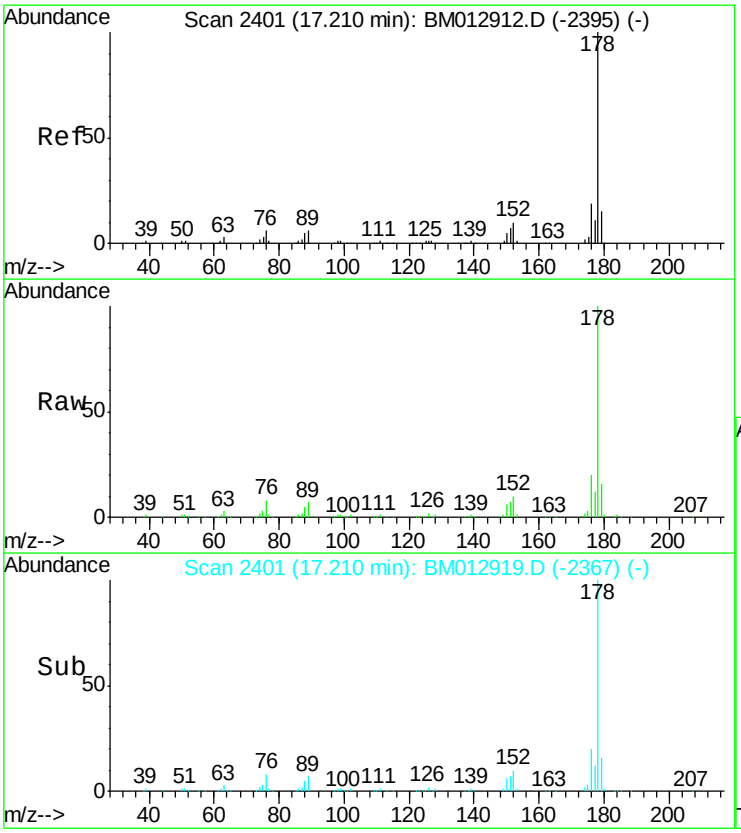
#9
Acenaphthene
Concen: 23.93 ng/ul
RT: 14.49 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BM012919.D
Acq: 12 Nov 2017 01:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 300619

Ion	Ratio	Lower	Upper
153	100		
152	45.3	39.0	58.6
154	86.3	66.8	100.2

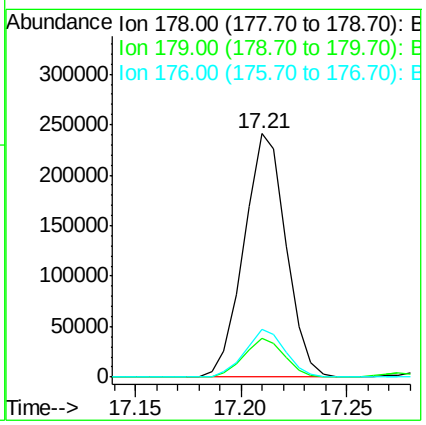


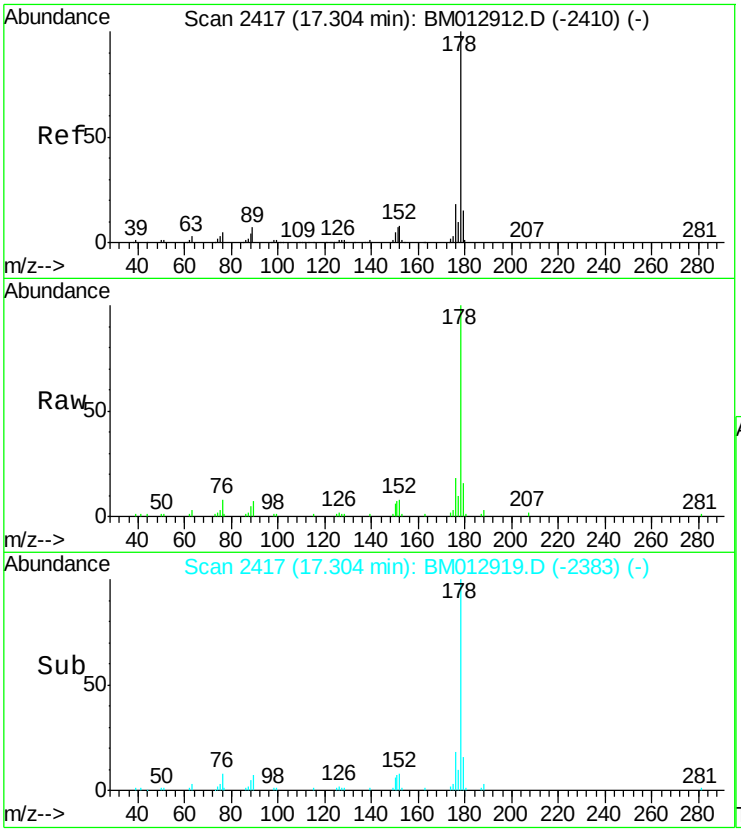


#13
Phenanthrene
Concen: 13.89 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BM012919.D
Acq: 12 Nov 2017 01:19

Tgt Ion:178 Resp: 334130

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.7	15.1	22.7



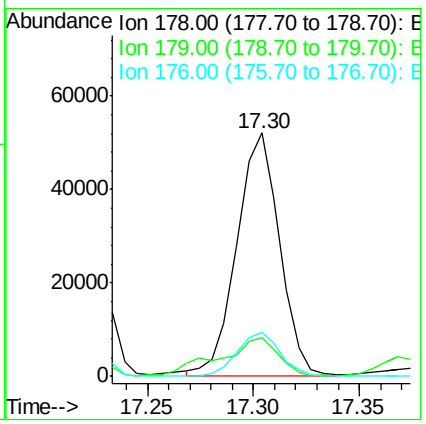


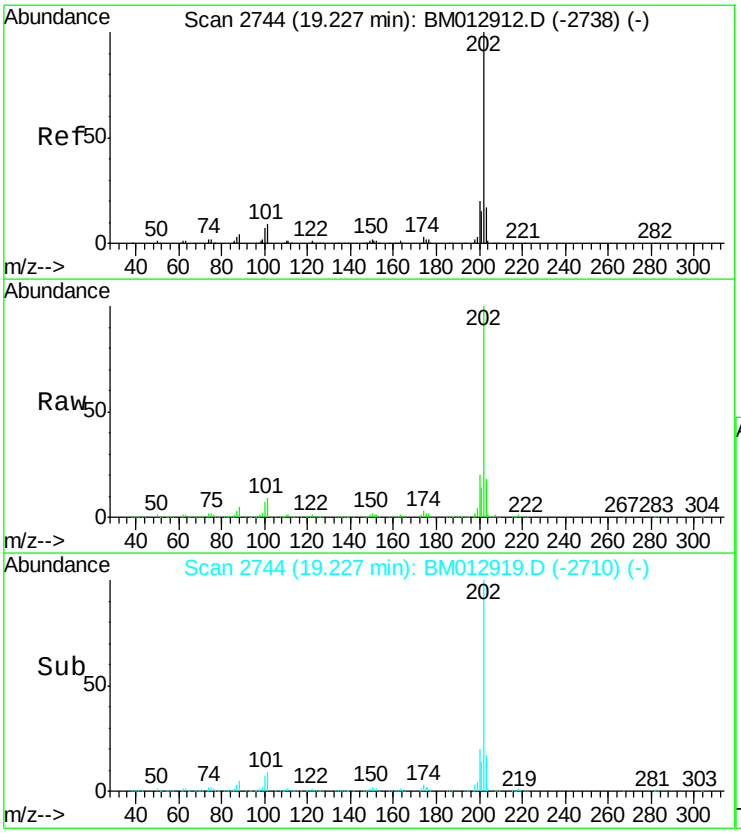
#15
Anthracene
Concen: 2.94 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BM012919.D
Acq: 12 Nov 2017 01:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 73565

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	17.8	15.2	22.8

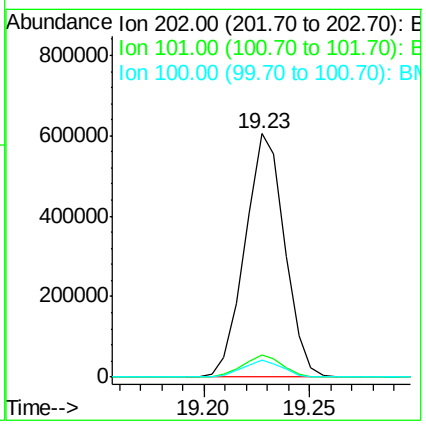


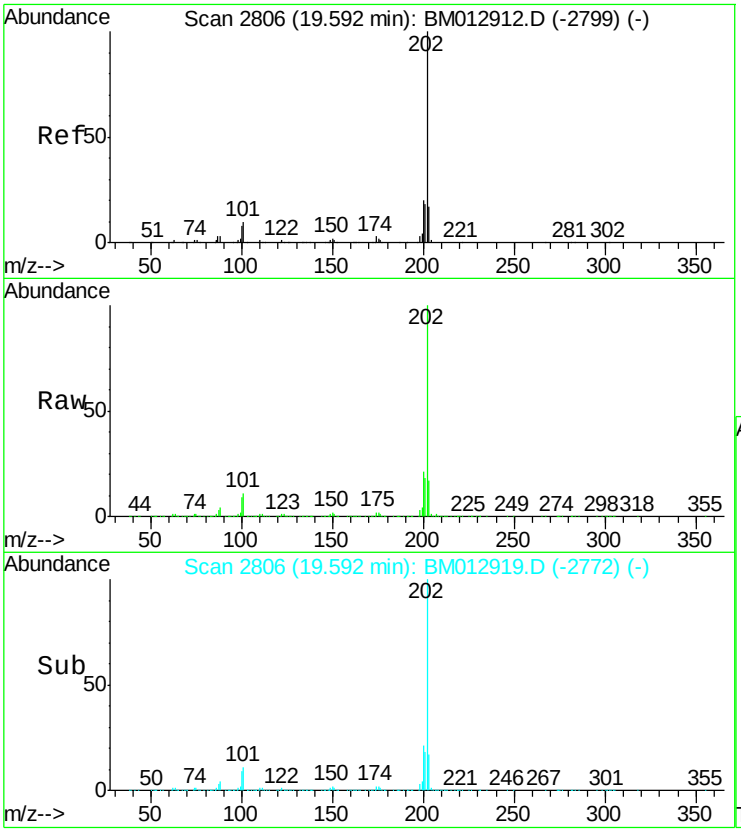


#16
Fluoranthene
Concen: 26.75 ng/ul
RT: 19.23 min Scan# 2744
Delta R.T. 0.00 min
Lab File: BM012919.D
Acq: 12 Nov 2017 01:19

Tgt Ion:202 Resp: 791378

Ion	Ratio	Lower	Upper
202	100		
101	8.9	9.9	14.9#
100	6.8	7.4	11.0#



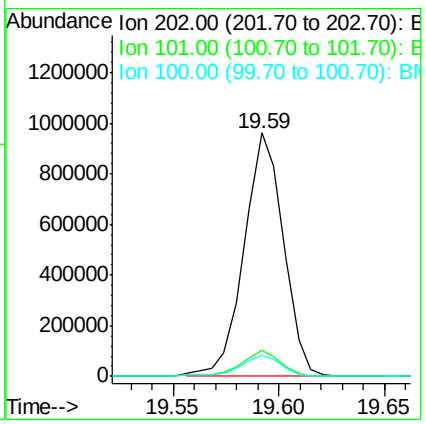


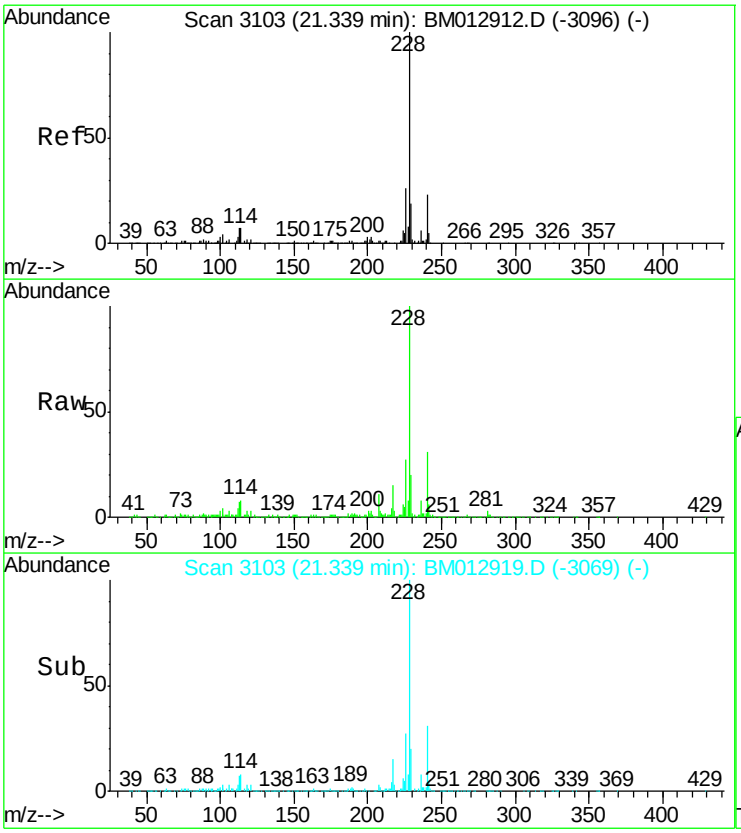
#19
Pyrene
Concen: 40.29 ng/ul
RT: 19.59 min Scan# 2806
Delta R.T. 0.00 min
Lab File: BM012919.D
Acq: 12 Nov 2017 01:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1236764

Ion	Ratio	Lower	Upper
202	100		
101	10.6	11.0	16.4#
100	8.7	8.1	12.1

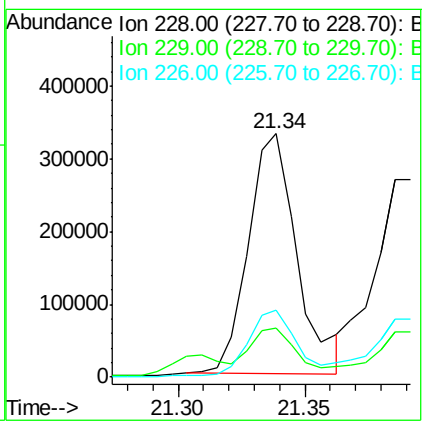


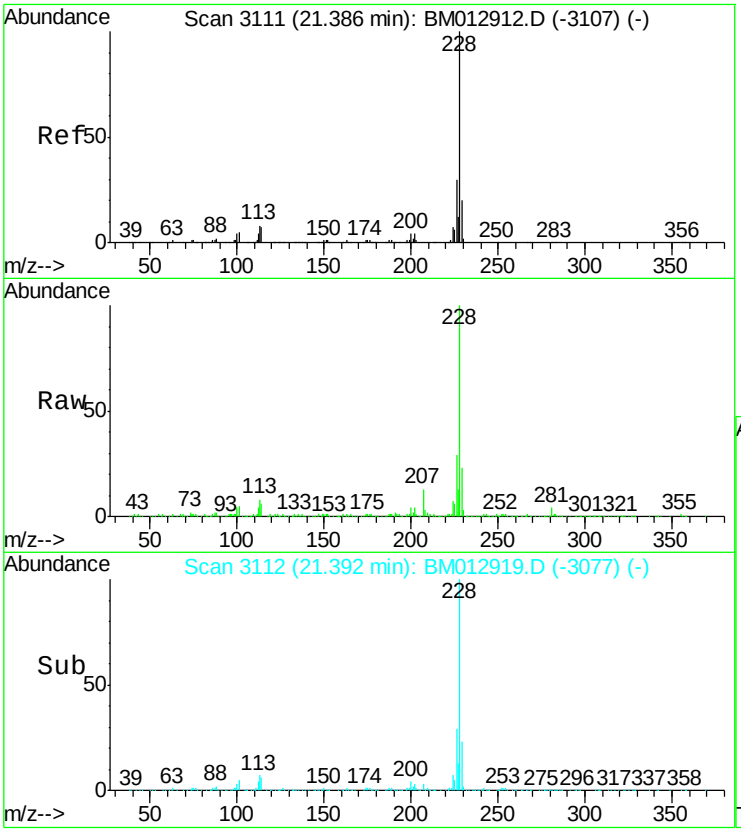


#20
Benzo(a)anthracene
Concen: 13.36 ng/ul
RT: 21.34 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BM012919.D
Acq: 12 Nov 2017 01:19

Tgt Ion:228 Resp: 439648

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.7	23.5
226	27.5	21.1	31.7



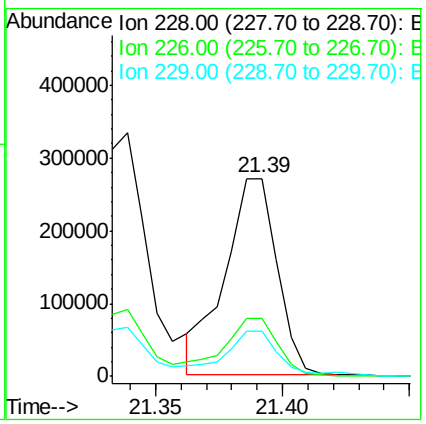


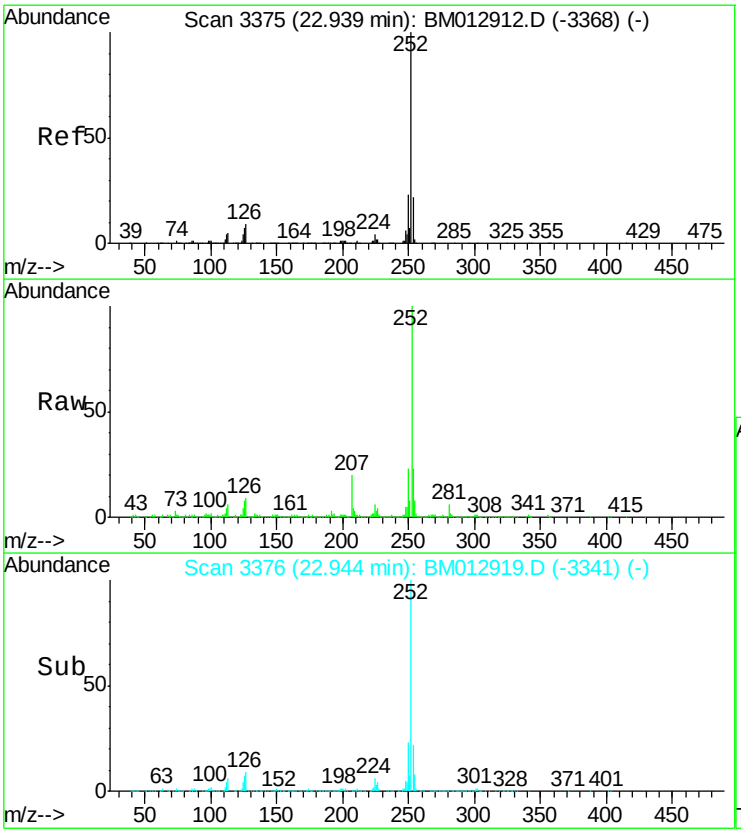
#21
Chrysene
Concen: 13.10 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BM012919.D
Acq: 12 Nov 2017 01:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 385280

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.5	36.7
229	22.9	15.8	23.8

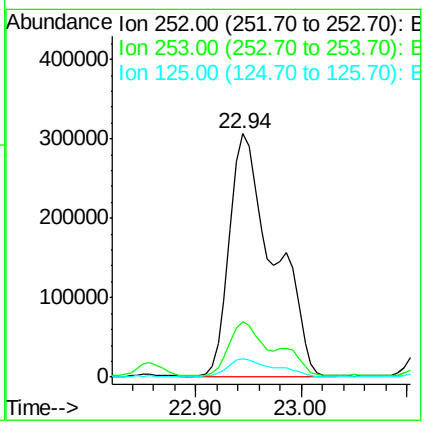


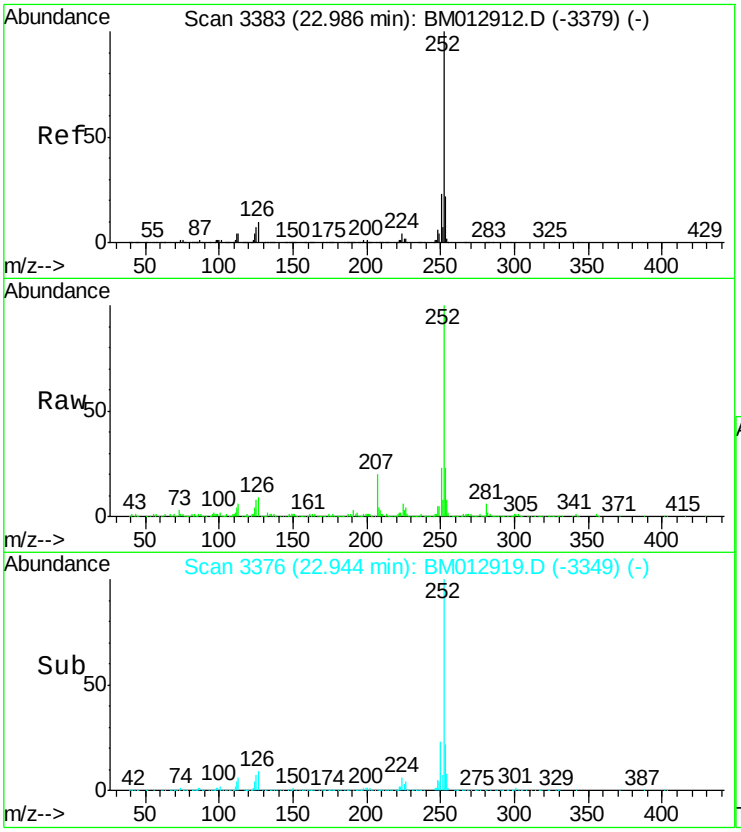


#23
Benzo(b)fluoranthene
Concen: 24.60 ng/ul
RT: 22.94 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM012919.D
Acq: 12 Nov 2017 01:19

Tgt Ion:252 Resp: 881989

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	7.7	8.0	12.0#



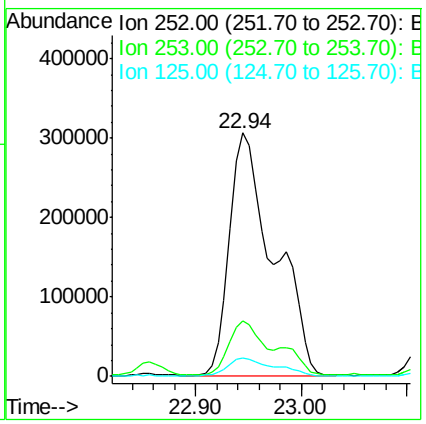


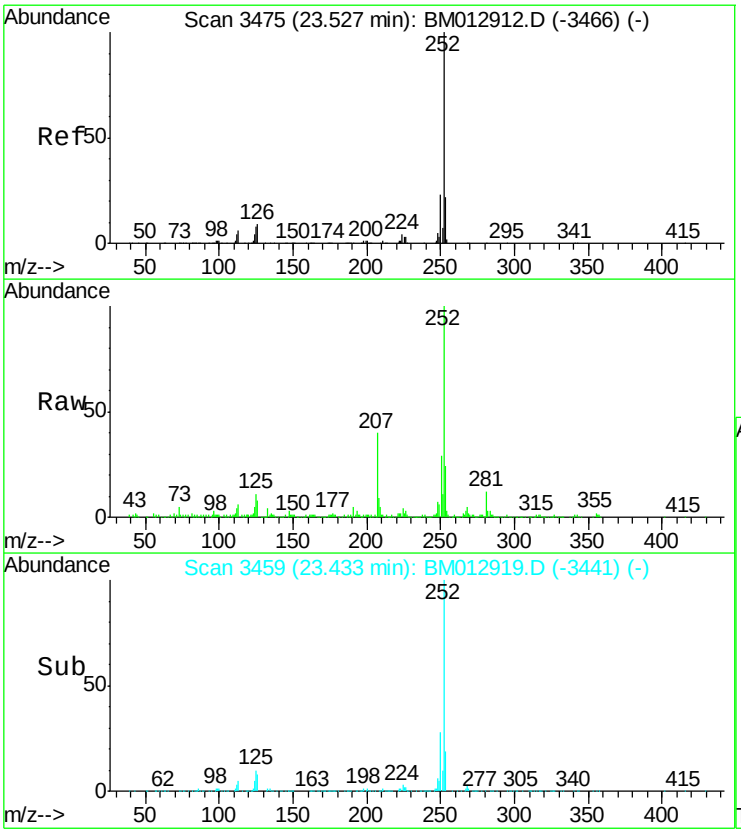
#24
Benzo(k)fluoranthene
Concen: 25.73 ng/ul
RT: 22.94 min Scan# 3376
Delta R.T. -0.04 min
Lab File: BM012919.D
Acq: 12 Nov 2017 01:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 881989

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	7.7	8.1	12.1#

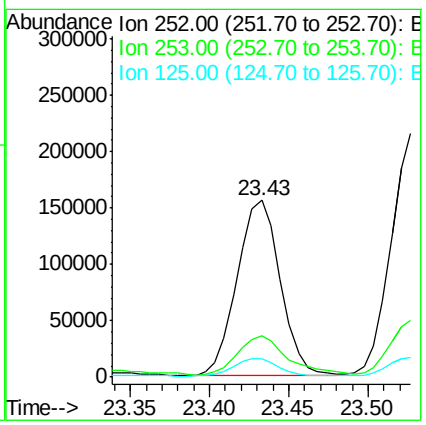


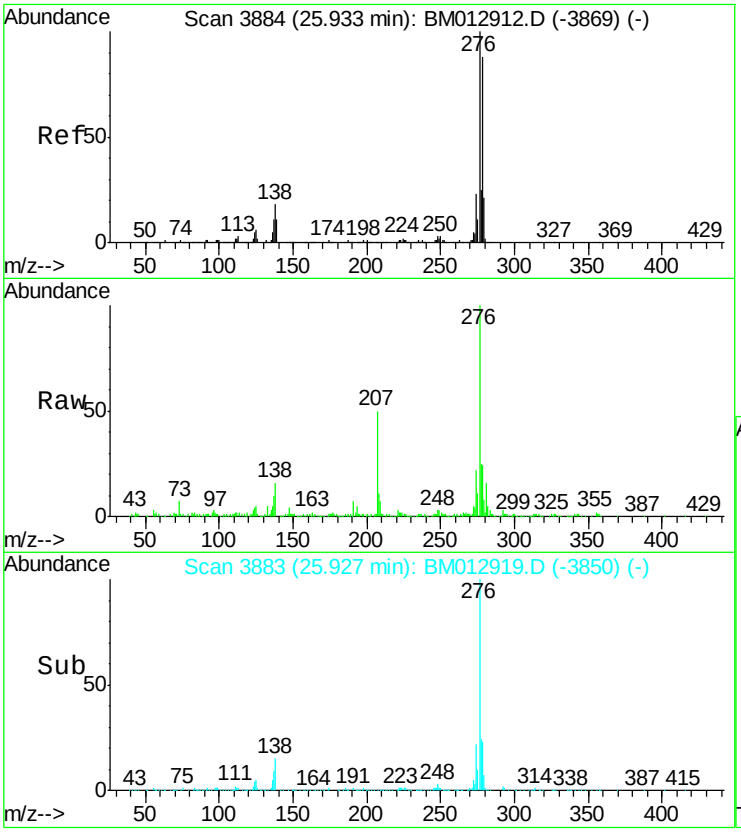


#26
Benzo(a)pyrene
Concen: 8.46 ng/ul
RT: 23.43 min Scan# 3459
Delta R.T. -0.09 min
Lab File: BM012919.D
Acq: 12 Nov 2017 01:19

Tgt Ion:252 Resp: 294149

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	10.6	8.2	12.4



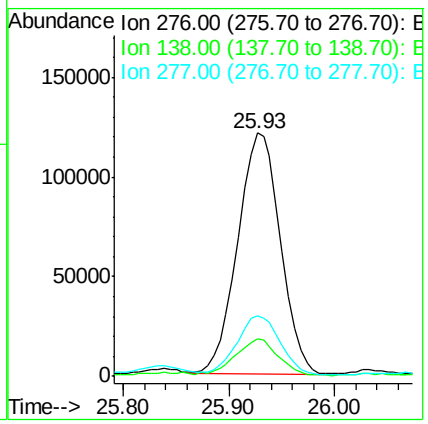


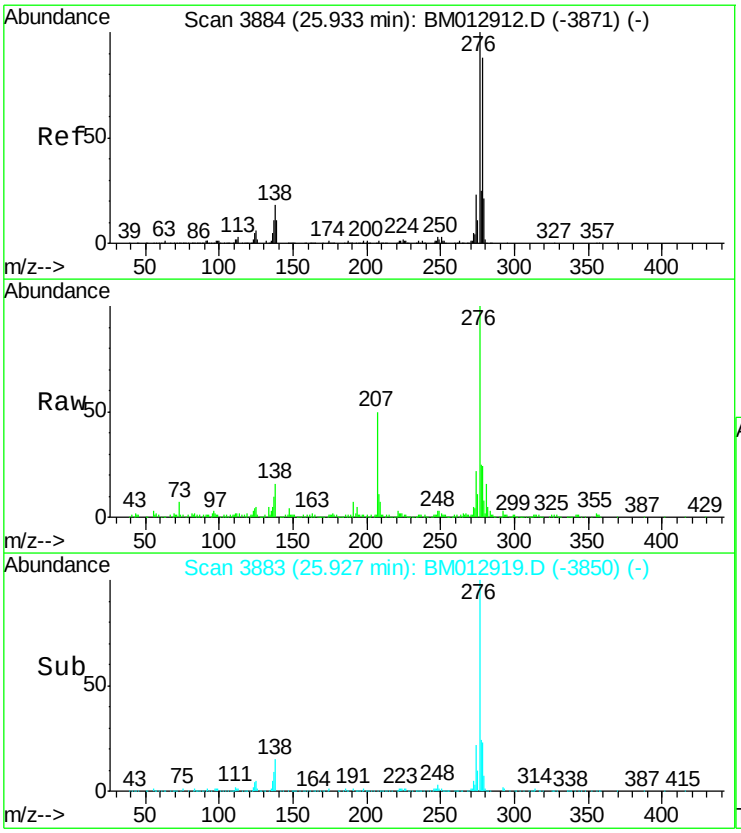
#27
Indeno(1,2,3-cd)pyrene
Concen: 7.55 ng/ul
RT: 25.93 min Scan# 3883
Delta R.T. -0.01 min
Lab File: BM012919.D
Acq: 12 Nov 2017 01:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 338800

Ion	Ratio	Lower	Upper
276	100		
138	15.5	14.4	21.6
277	24.9	18.0	27.0

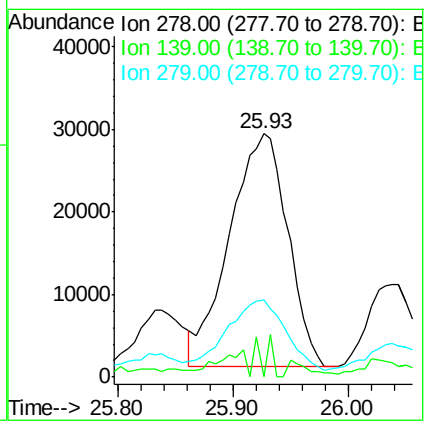


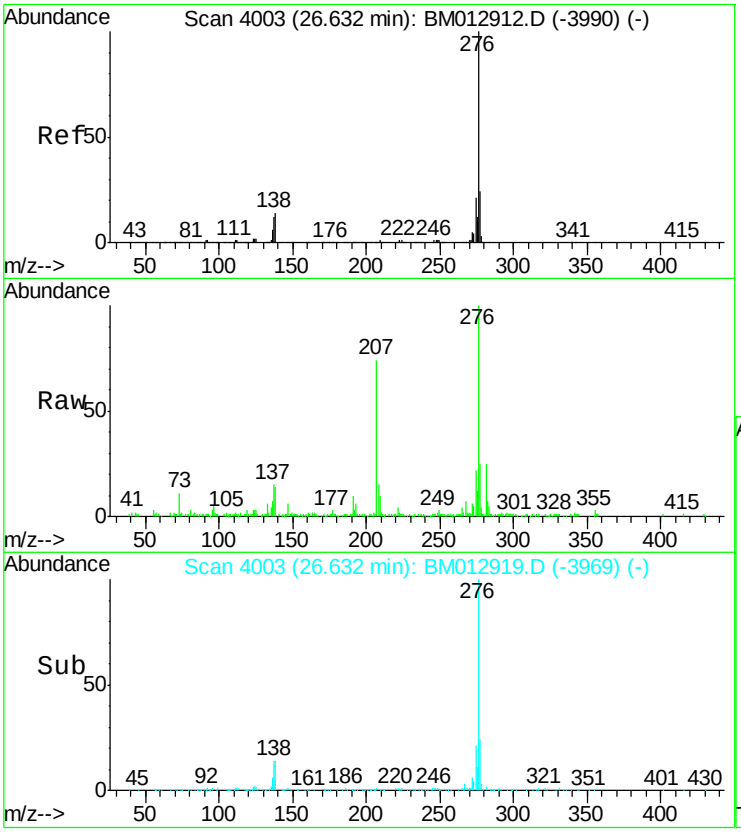


#28
Dibenzo(a,h)anthracene
Concen: 2.61 ng/ul
RT: 25.93 min Scan# 3883
Delta R.T. -0.01 min
Lab File: BM012919.D
Acq: 12 Nov 2017 01:19

Tgt Ion:278 Resp: 98345

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	31.6	19.2	28.8#





#29
Benzo(g,h,i)perylene
Concen: 6.86 ng/ul
RT: 26.63 min Scan# 4003
Delta R.T. 0.00 min
Lab File: BM012919.D
Acq: 12 Nov 2017 01:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 256944

Ion	Ratio	Lower	Upper
276	100		
138	14.1	15.3	22.9#
277	24.7	19.0	28.4