Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002471.D
Acq On : 18 Aug 2015 03:18
Operator : UM/IZ
Sample : G3227-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 18 04:19:28 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 03:02:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	147678	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	667992	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	333491	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	586415	20.00	ng/ul	0.00
17) Chrysene-d12	22.25	240	389981	20.00	ng/ul	0.00
22) Perylene-d12	24.93	264	401920	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	696297	20.42	ng/ul	0.00
10) Fluorene-d10	16.43	176	471879	19.70	ng/ul	0.00
14) Anthracene-d10	18.26	188	622270	22.00	ng/ul	0.00
18) Pyrene-d10	20.49	212	482604	27.92	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.76	264	437176	20.71	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.21	178	262642	7.76	ng/ul	99
15) Anthracene	18.30	178	56676	1.65	ng/ul	97
16) Fluoranthene	20.16	202	728370	19.00	ng/ul	100
19) Pyrene	20.51	202	661609	28.96	ng/ul	100
20) Benzo(a)anthracene	22.23	228	642903	27.57	ng/ul	99
21) Chrysene	22.29	228	824854	37.82	ng/ul	98
23) Benzo(b)fluoranthene	24.10	252	1717096	70.67	ng/ul	98
24) Benzo(k)fluoranthene	24.31	252	141114	6.13	ng/ul#	88
26) Benzo(a)pyrene	24.82	252	996411	42.93	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.79	276	1003034	37.58	ng/ul	93
28) Dibenzo(a,h)anthracene	27.78	278	334422	14.99	ng/ul#	92
29) Benzo(g,h,i)perylene	28.68	276	921018	41.45	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
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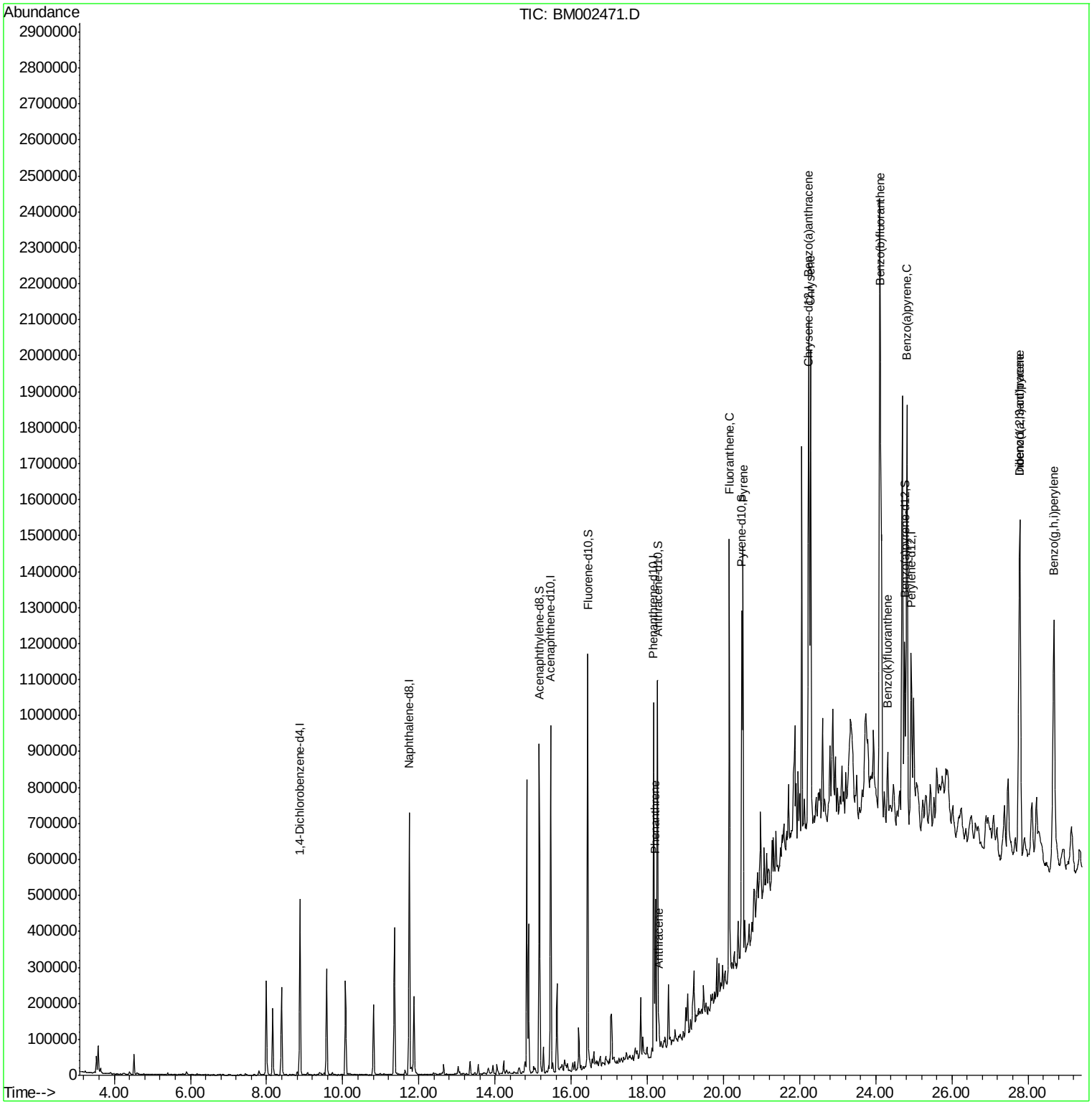
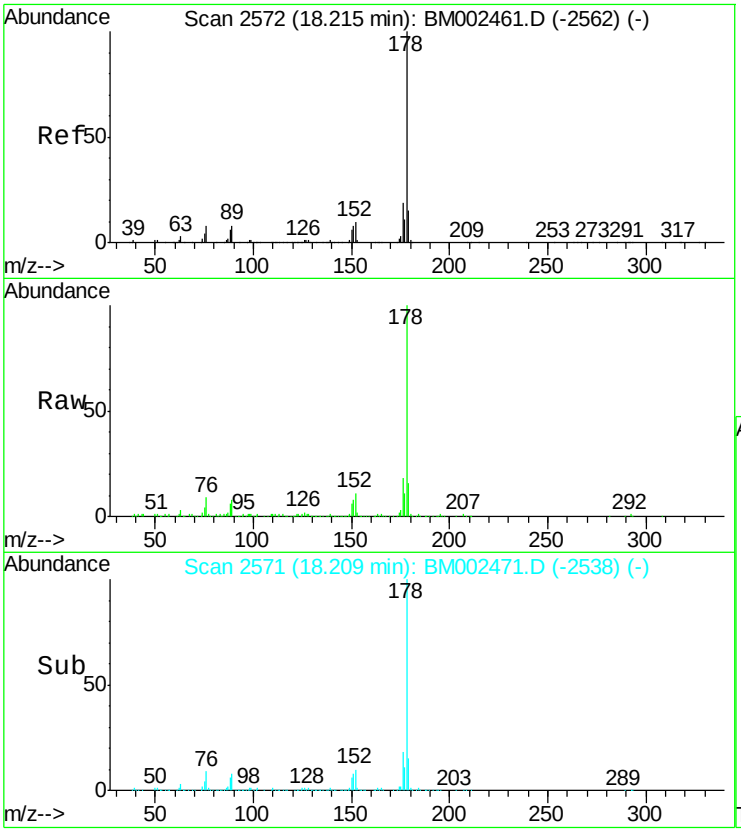
Acq On : 18 Aug 2015 03:18
Operator : UM/IZ
Sample : G3227-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 18 04:19:28 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 03:02:54 2015
Response via : Initial Calibration



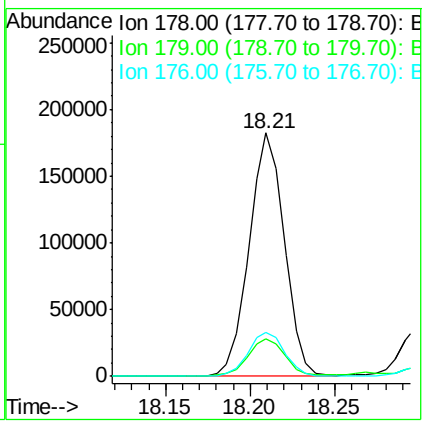


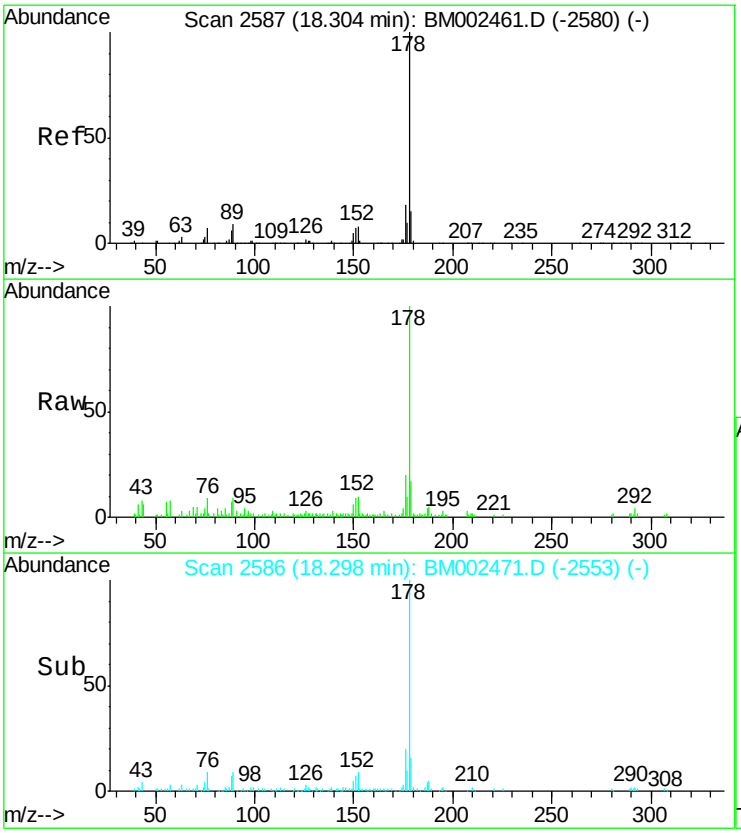
#13
Phenanthrene
Concen: 7.76 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. -0.01 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 262642

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.3	15.1	22.7

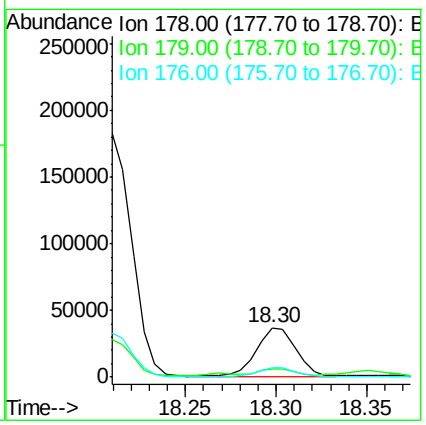


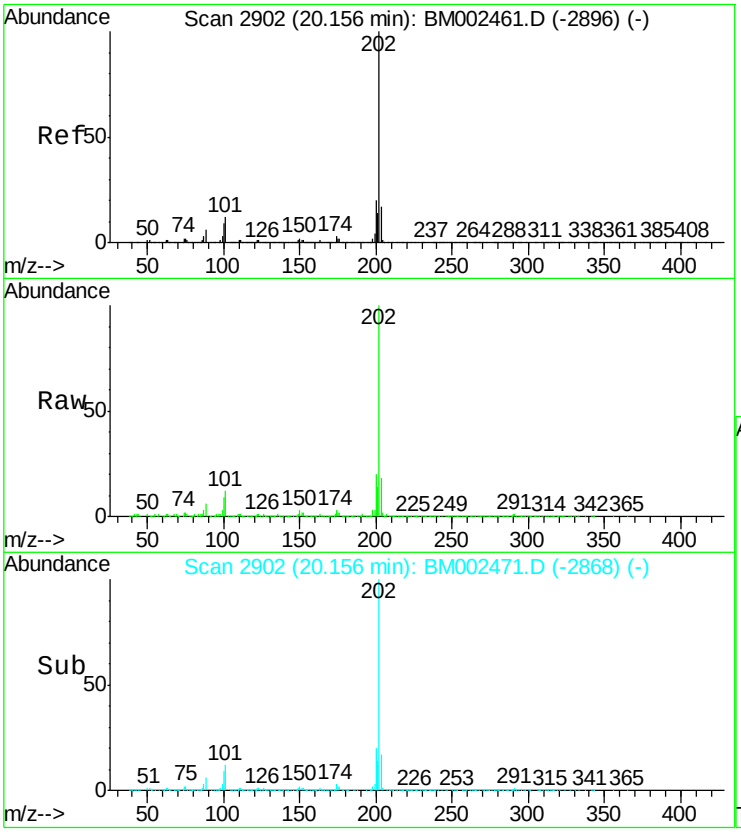


#15
Anthracene
Concen: 1.65 ng/ul
RT: 18.30 min Scan# 2586
Delta R.T. -0.01 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Tgt Ion:178 Resp: 56676

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.6	18.8
176	19.6	14.5	21.7



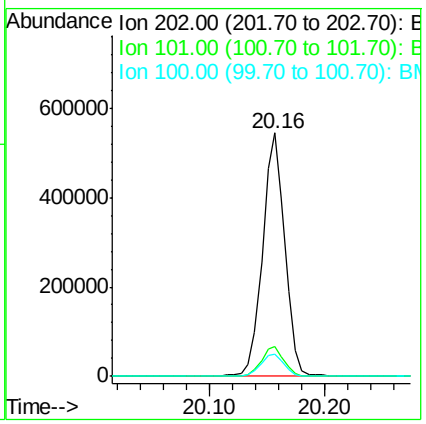


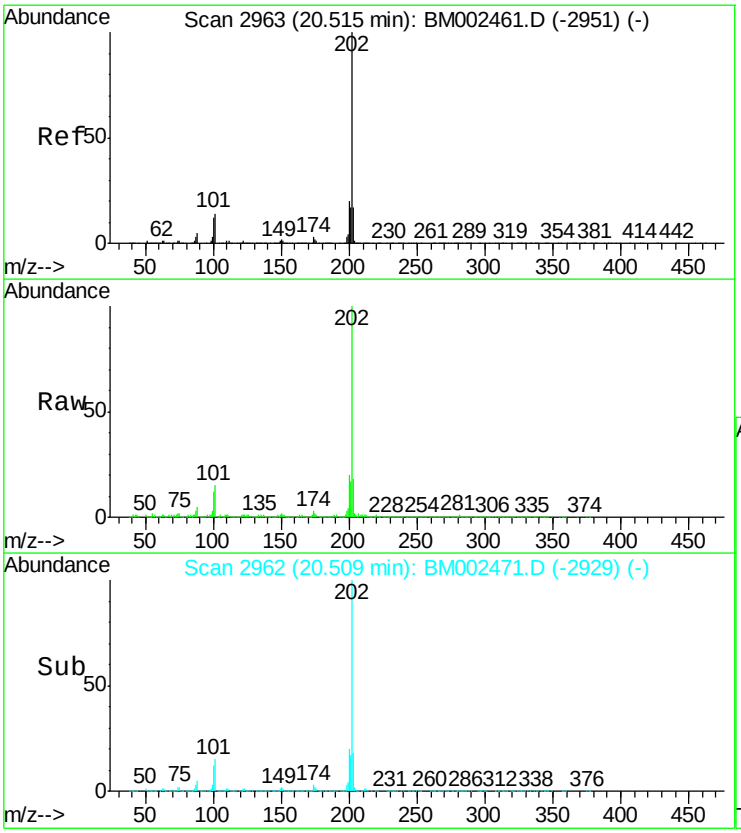
#16
Fluoranthene
Concen: 19.00 ng/ul
RT: 20.16 min Scan# 2902
Delta R.T. -0.00 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 728370

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.7	14.5
100	9.2	7.4	11.2

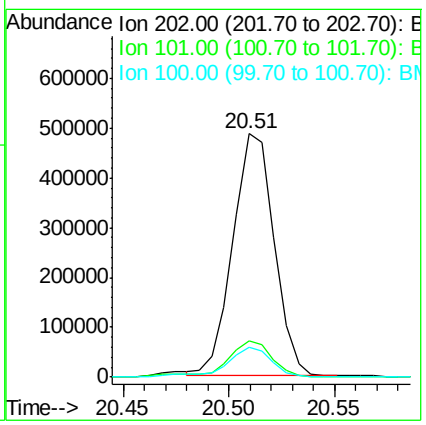


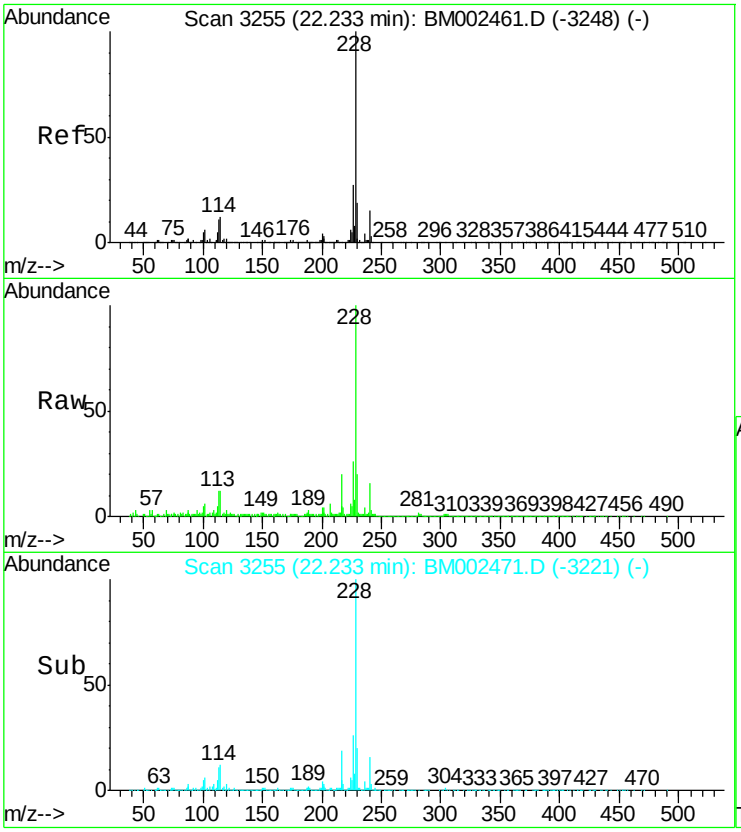


#19
Pyrene
Concen: 28.96 ng/ul
RT: 20.51 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Tgt Ion:202 Resp: 661609

Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.0	18.0
100	12.1	9.7	14.5



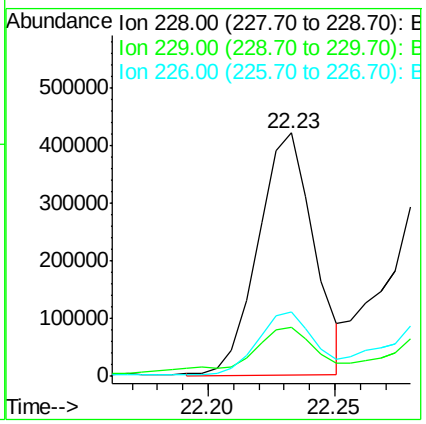


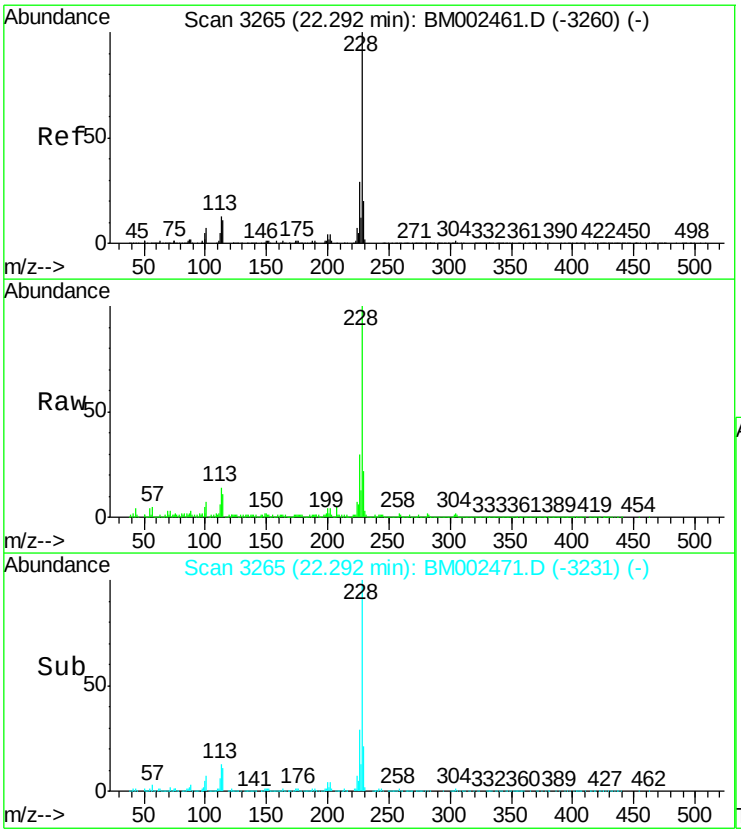
#20
Benzo(a)anthracene
Concen: 27.57 ng/ul
RT: 22.23 min Scan# 3255
Delta R.T. -0.00 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 642903

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.6
226	26.4	21.1	31.7

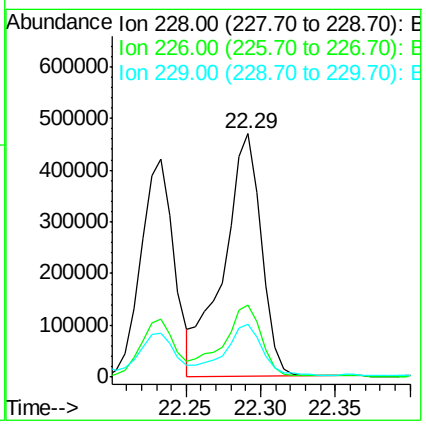


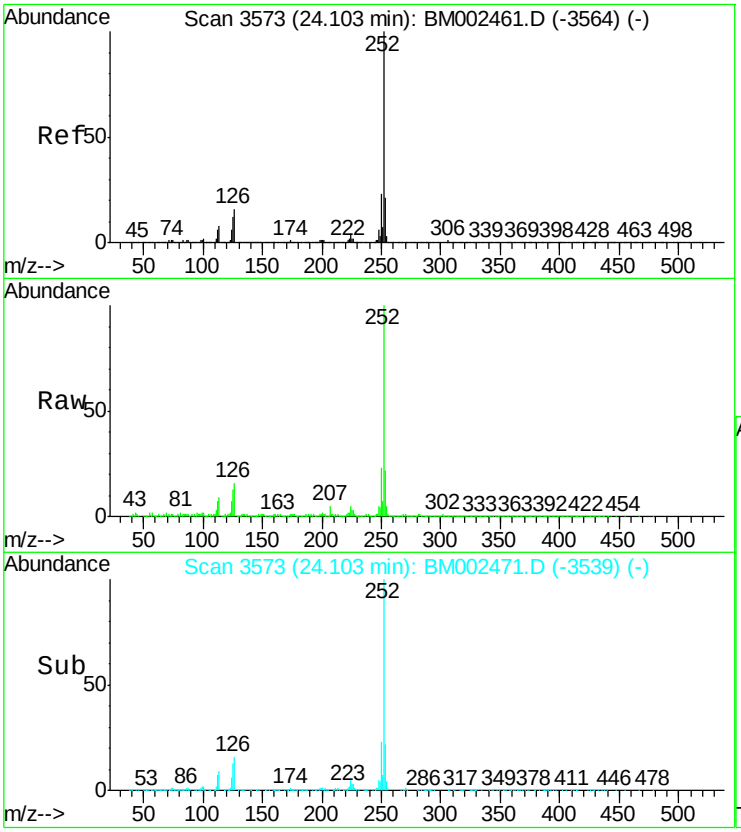


#21
Chrysene
Concen: 37.82 ng/ul
RT: 22.29 min Scan# 3265
Delta R.T. 0.00 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Tgt Ion:228 Resp: 824854

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	21.6	15.7	23.5



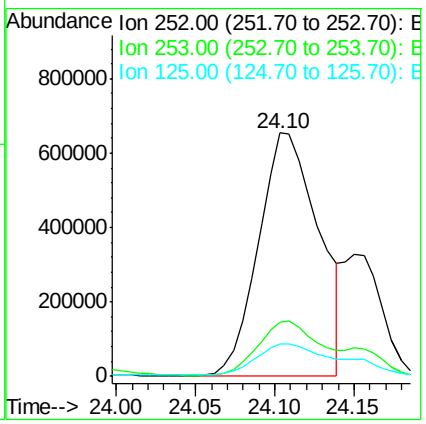


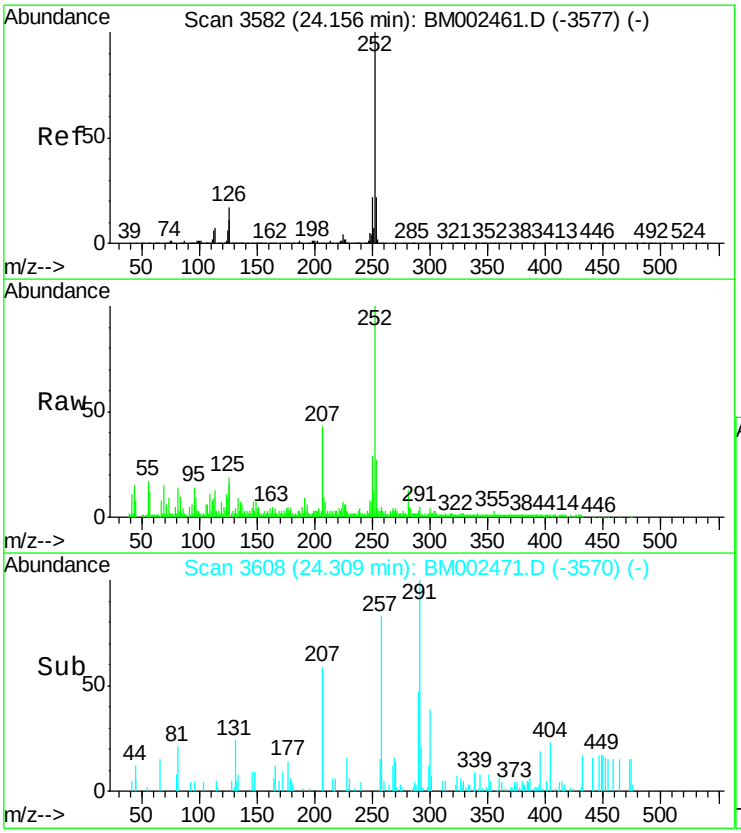
#23
Benzo(b)fluoranthene
Concen: 70.67 ng/ul
RT: 24.10 min Scan# 3573
Delta R.T. -0.00 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1717096

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	13.3	10.0	15.0

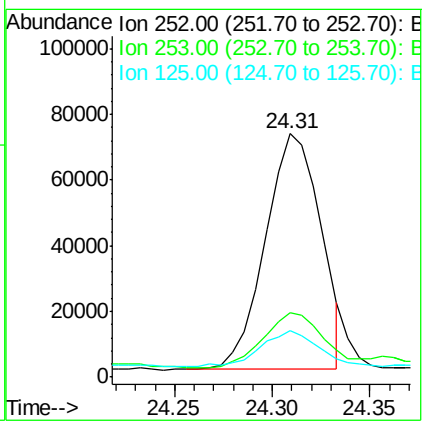


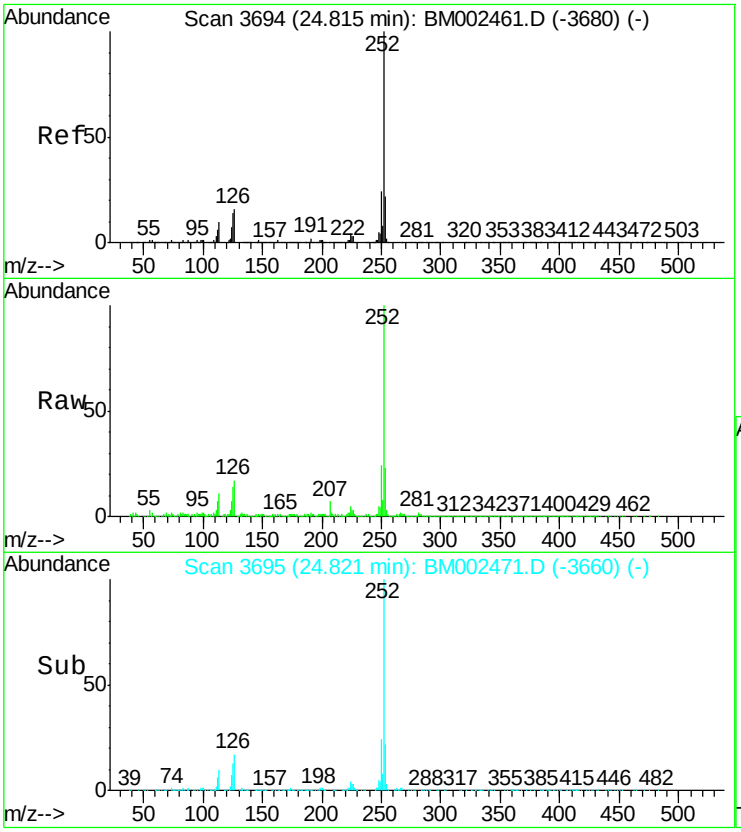


#24
Benzo(k)fluoranthene
Concen: 6.13 ng/ul
RT: 24.31 min Scan# 3608
Delta R.T. 0.15 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Tgt Ion:252 Resp: 141114

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.8	26.6
125	18.9	9.8	14.8#



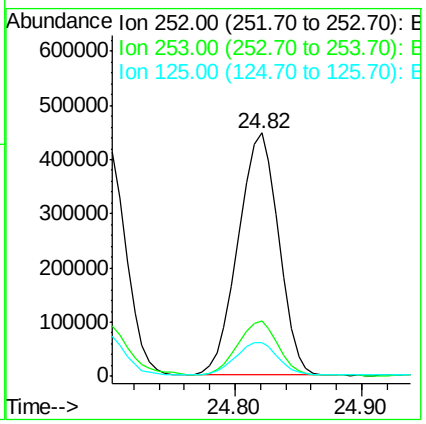


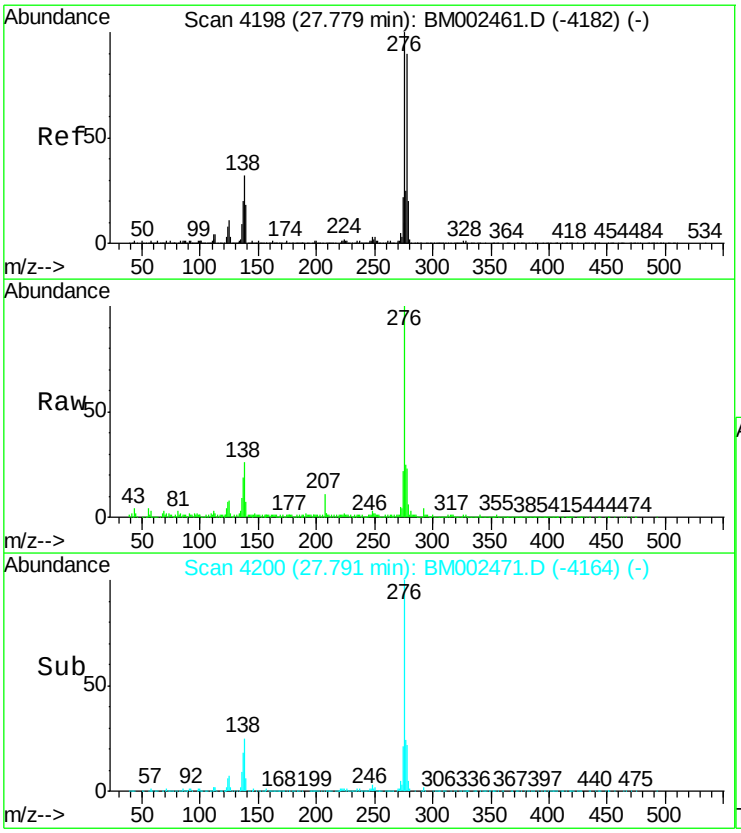
#26
Benzo(a)pyrene
Concen: 42.93 ng/ul
RT: 24.82 min Scan# 3695
Delta R.T. 0.01 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 996411

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	13.9	10.7	16.1

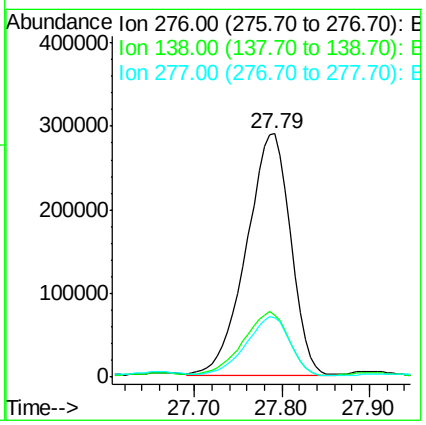


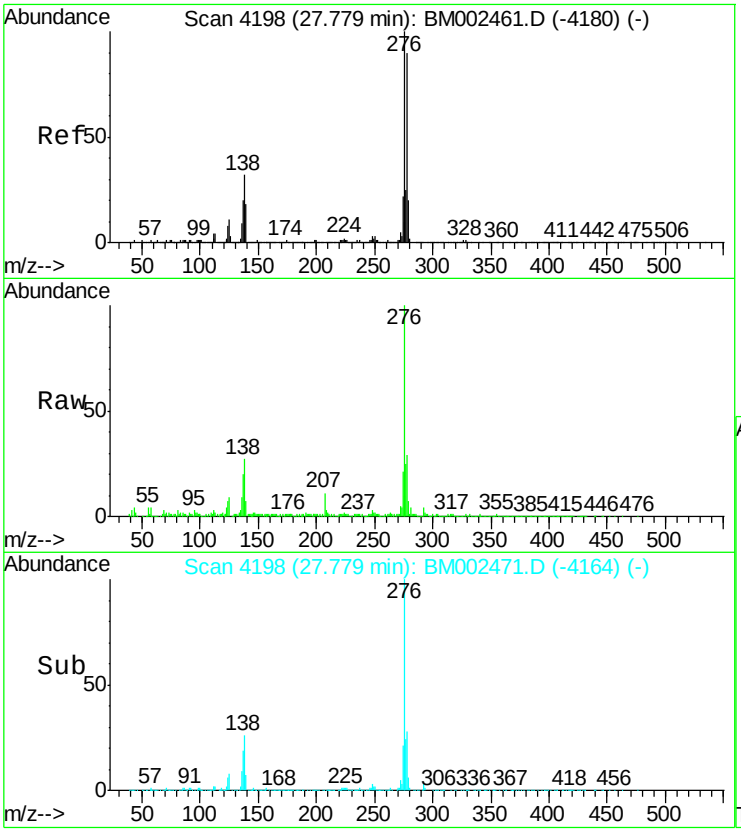


#27
Indeno(1,2,3-cd)pyrene
Concen: 37.58 ng/ul
RT: 27.79 min Scan# 4200
Delta R.T. 0.01 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Tgt Ion:276 Resp: 1003034

Ion	Ratio	Lower	Upper
276	100		
138	25.6	25.3	37.9
277	24.6	20.2	30.2



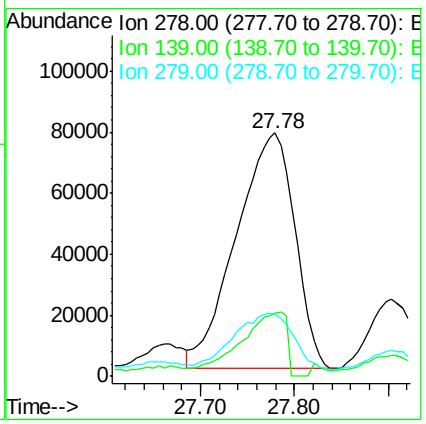


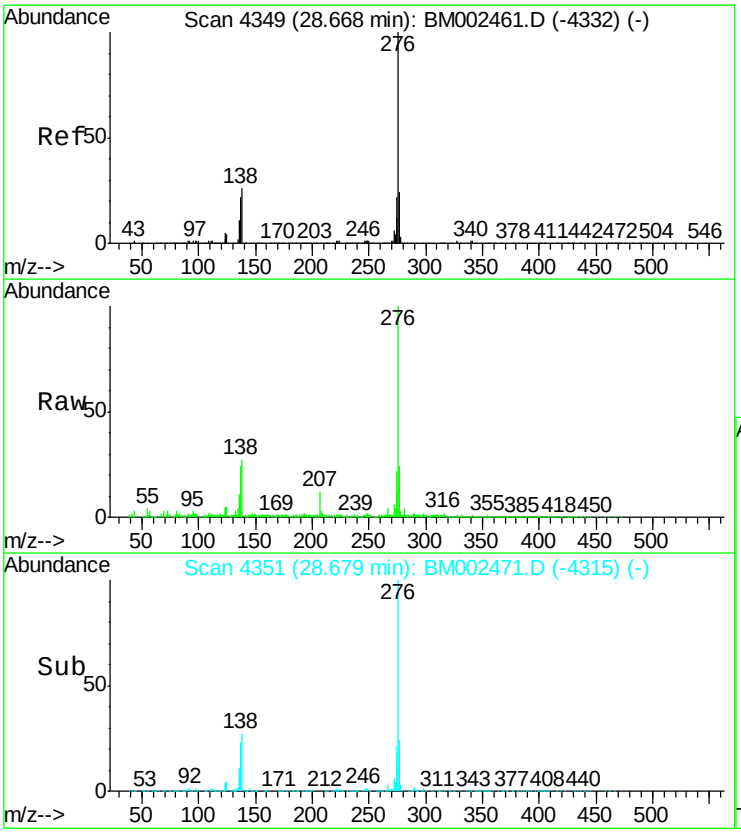
#28
Dibenzo(a,h)anthracene
Concen: 14.99 ng/ul
RT: 27.78 min Scan# 4198
Delta R.T. -0.00 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 334422

Ion	Ratio	Lower	Upper
278	100		
139	25.9	16.5	24.7#
279	25.6	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 41.45 ng/ul
RT: 28.68 min Scan# 4351
Delta R.T. 0.01 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Tgt Ion:276 Resp: 921018

Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.0	31.6
277	24.4	19.2	28.8