Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002453.D
Acq On : 17 Aug 2015 16:10
Operator : UM/IZ
Sample : G3227-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 18 02:01:47 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 01:54:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	143205	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	661960	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	343507	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	684458	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	480208	20.00	ng/ul	0.00
22) Perylene-d12	24.91	264	430083	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	566588	16.13	ng/ul	0.00
10) Fluorene-d10	16.42	176	379276	15.38	ng/ul	0.00
14) Anthracene-d10	18.26	188	531085	16.09	ng/ul	0.00
18) Pyrene-d10	20.47	212	456697	21.46	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.74	264	320021	14.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.79	128	36583	1.08	ng/ul	99
8) Acenaphthylene	15.19	152	36891	1.00	ng/ul#	97
13) Phenanthrene	18.20	178	238668	6.04	ng/ul	99
15) Anthracene	18.29	178	73374	1.83	ng/ul	99
16) Fluoranthene	20.15	202	474549	10.61	ng/ul	99
19) Pyrene	20.50	202	397580	14.13	ng/ul	100
20) Benzo(a)anthracene	22.22	228	218504	7.61	ng/ul	96
21) Chrysene	22.28	228	232071	8.64	ng/ul	95
23) Benzo(b)fluoranthene	24.09	252	345988	13.31	ng/ul	97
26) Benzo(a)pyrene	24.80	252	197490	7.95	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.73	276	156296	5.47	ng/ul	95
28) Dibenzo(a,h)anthracene	27.73	278	42949	1.80	ng/ul#	79
29) Benzo(g,h,i)perylene	28.62	276	135619	5.70	ng/ul	99

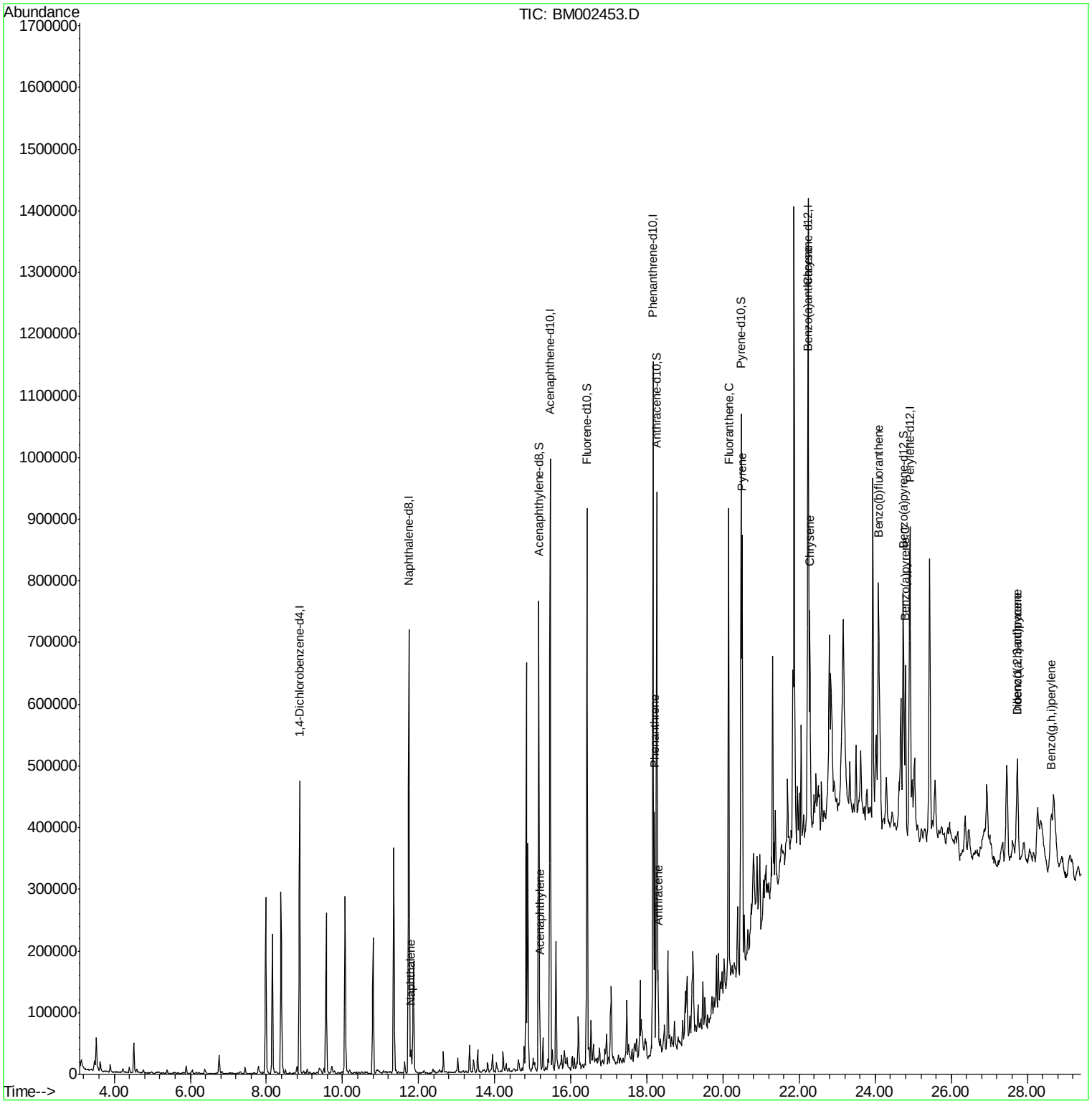
(#) = qualifier out of range (m) = manual integration (+) = signals summed

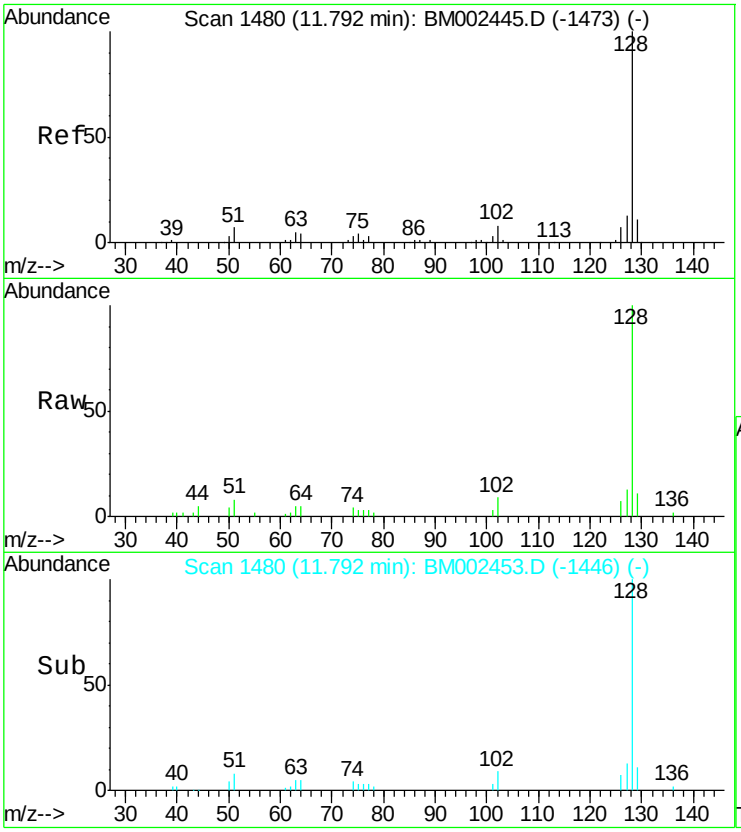
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002453.D
Acq On : 17 Aug 2015 16:10
Operator : UM/IZ
Sample : G3227-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 18 02:01:47 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 01:54:16 2015
Response via : Initial Calibration



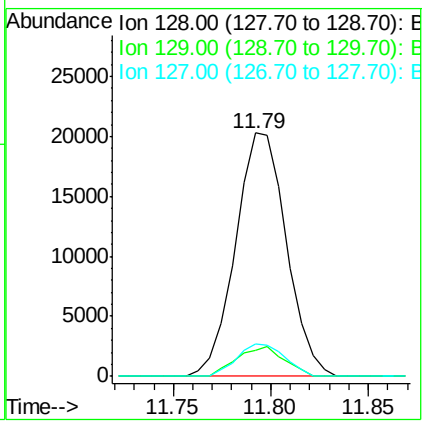


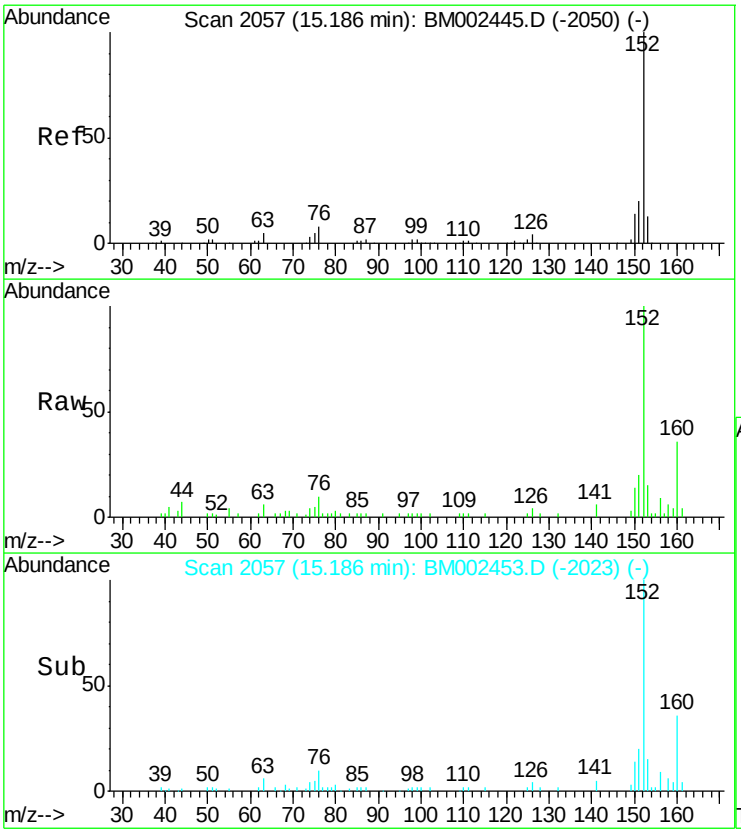
#3
Naphthalene
Concen: 1.08 ng/ul
RT: 11.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BM002453.D
Acq: 17 Aug 2015 16:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 36583

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.3	10.4	15.6

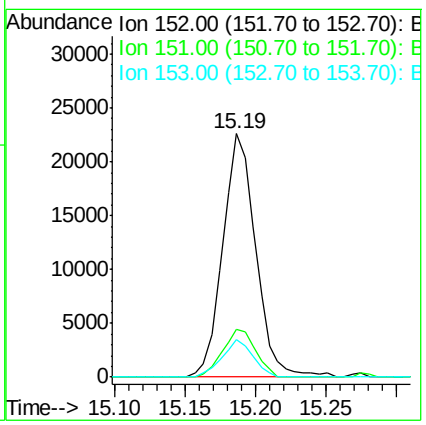


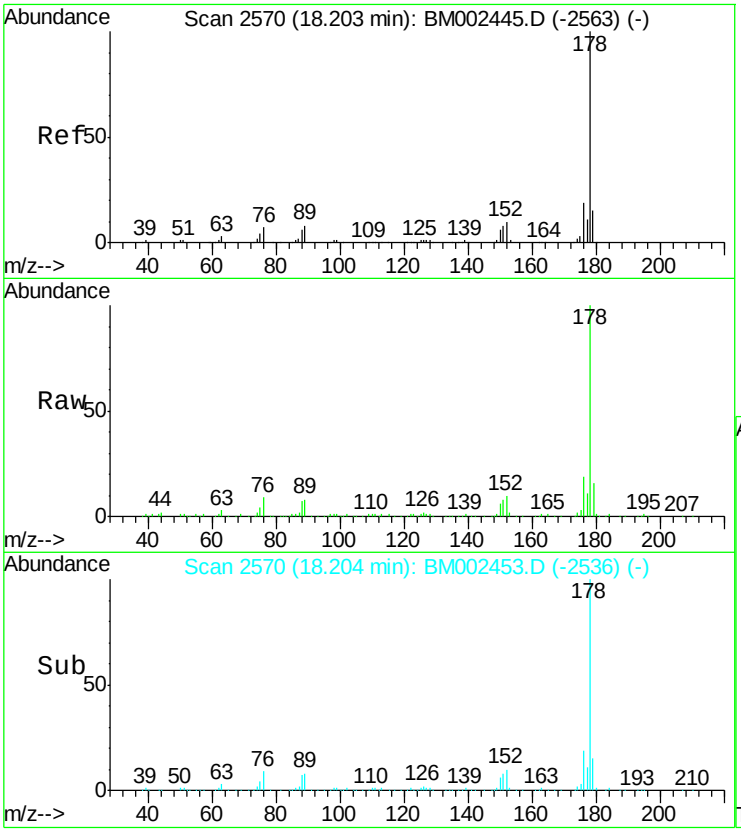


#8
Acenaphthylene
Concen: 1.00 ng/ul
RT: 15.19 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BM002453.D
Acq: 17 Aug 2015 16:10

Tgt Ion:152 Resp: 36891

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	15.5	10.2	15.4#



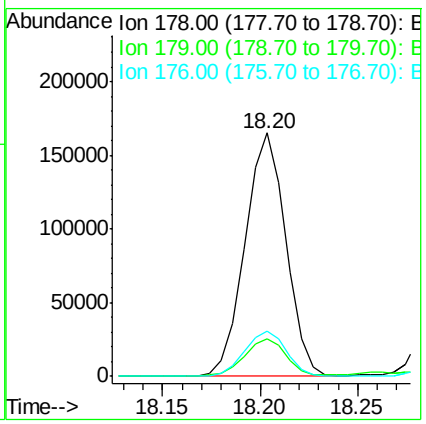


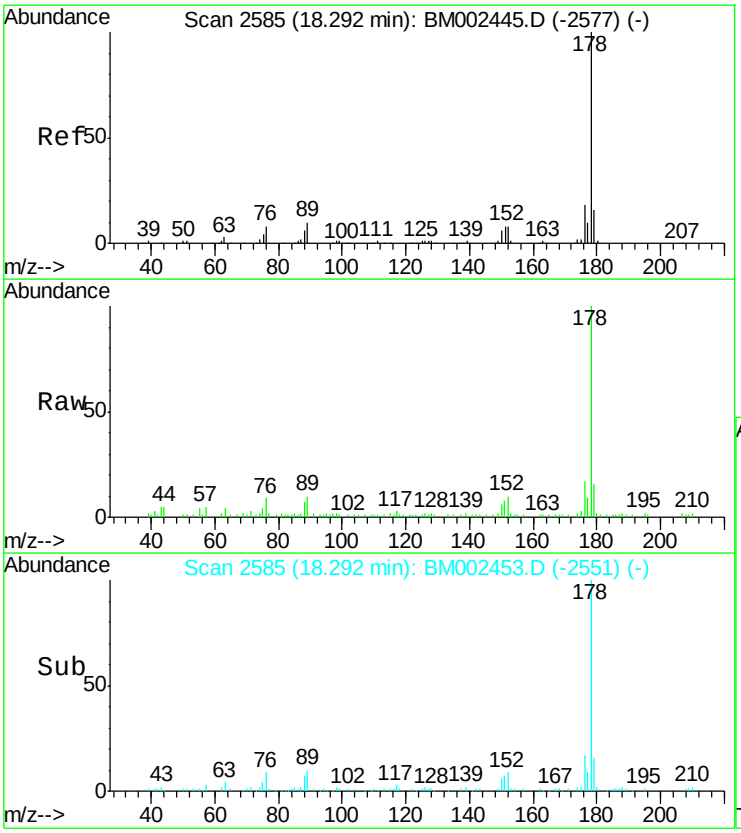
#13
Phenanthrene
Concen: 6.04 ng/ul
RT: 18.20 min Scan# 2570
Delta R.T. 0.00 min
Lab File: BM002453.D
Acq: 17 Aug 2015 16:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 238668

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	18.6	15.1	22.7

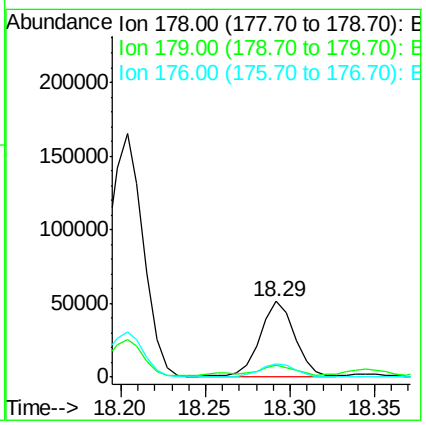


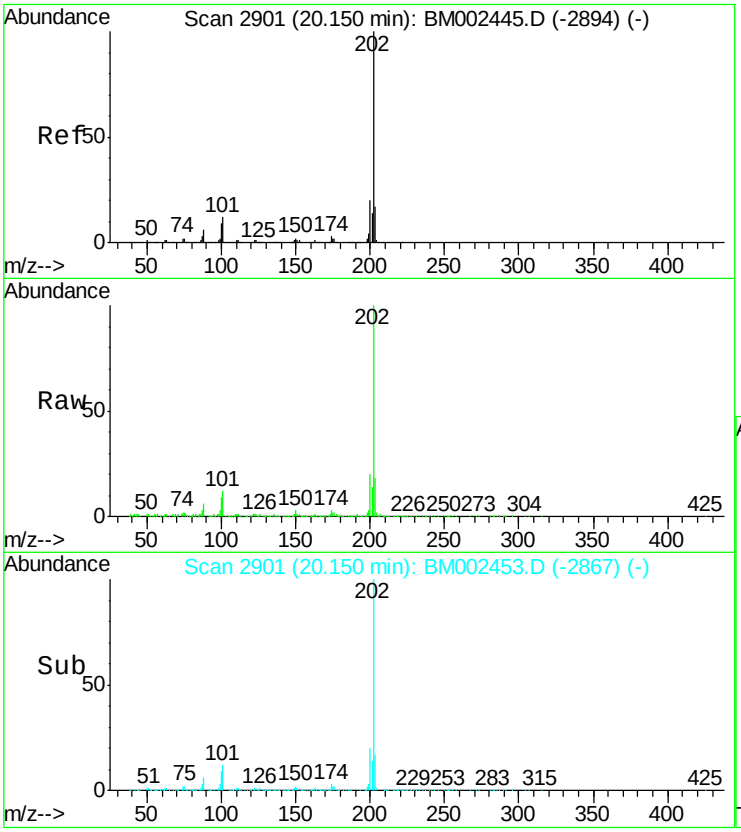


#15
Anthracene
Concen: 1.83 ng/ul
RT: 18.29 min Scan# 2585
Delta R.T. 0.00 min
Lab File: BM002453.D
Acq: 17 Aug 2015 16:10

Tgt Ion:178 Resp: 73374

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	17.2	14.5	21.7



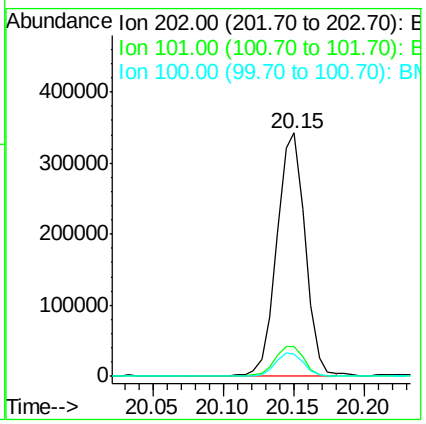


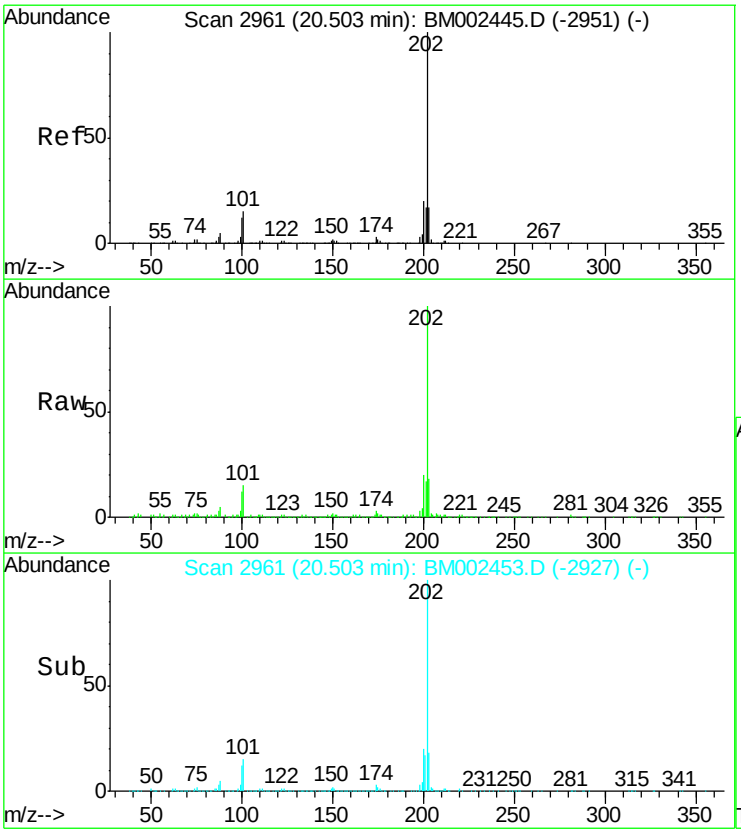
#16
Fluoranthene
Concen: 10.61 ng/ul
RT: 20.15 min Scan# 2901
Delta R.T. 0.00 min
Lab File: BM002453.D
Acq: 17 Aug 2015 16:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 474549

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.7	14.5
100	9.1	7.4	11.2

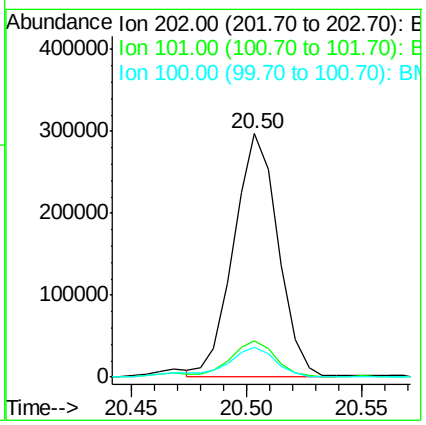


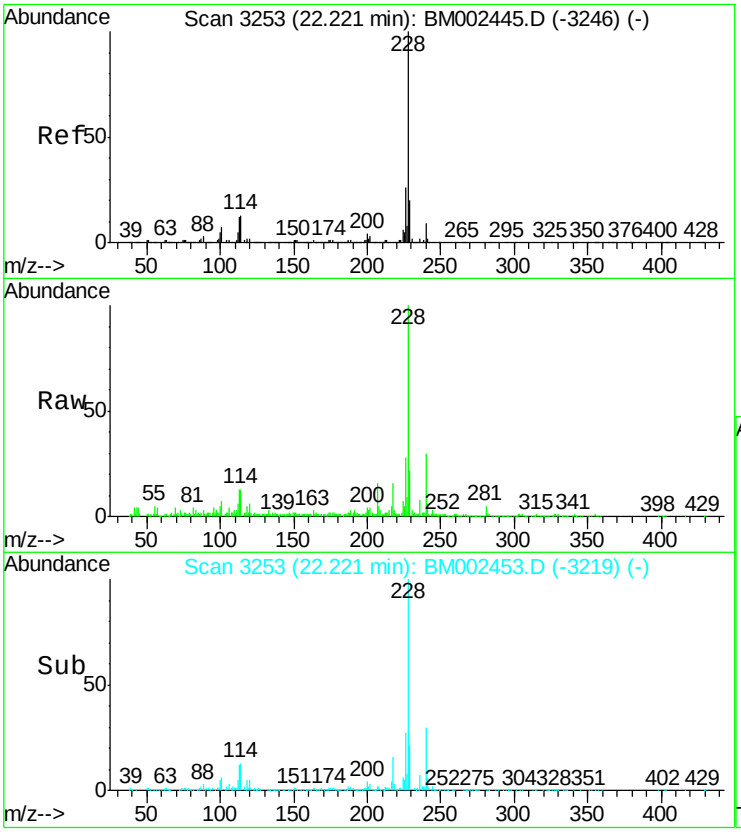


#19
Pyrene
Concen: 14.13 ng/ul
RT: 20.50 min Scan# 2961
Delta R.T. 0.00 min
Lab File: BM002453.D
Acq: 17 Aug 2015 16:10

Tgt Ion:202 Resp: 397580

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.0	18.0
100	12.2	9.7	14.5



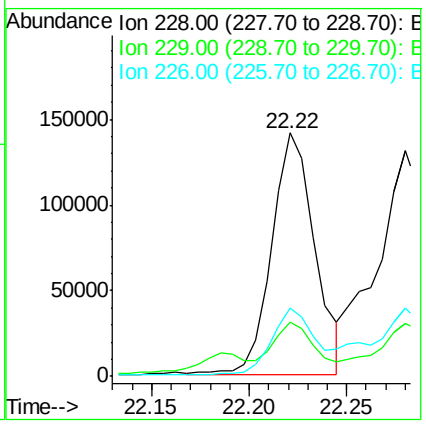


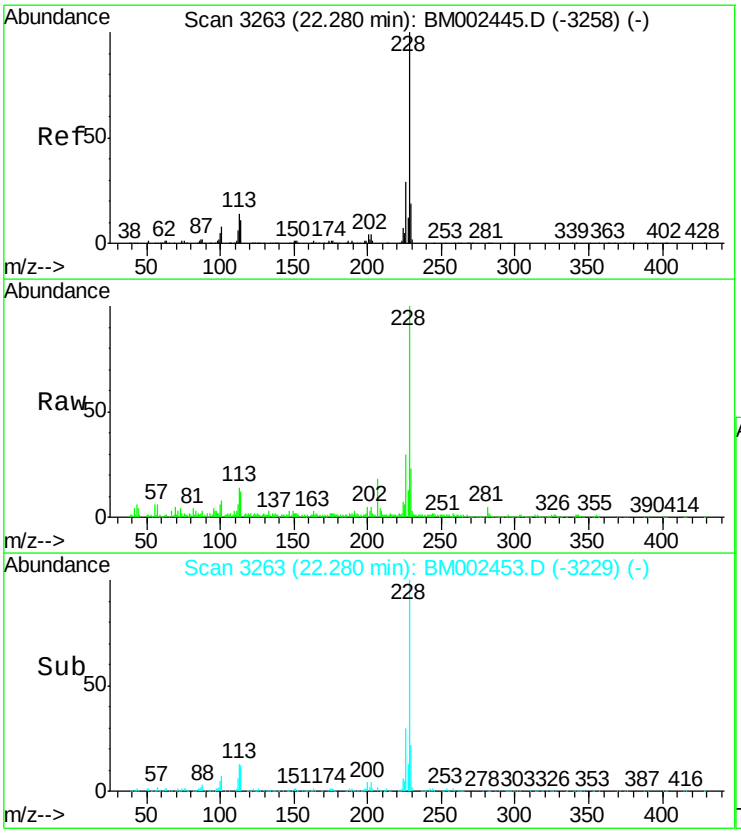
#20
Benzo(a)anthracene
Concen: 7.61 ng/ul
RT: 22.22 min Scan# 3253
Delta R.T. 0.00 min
Lab File: BM002453.D
Acq: 17 Aug 2015 16:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 218504

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.8	23.6
226	27.9	21.1	31.7

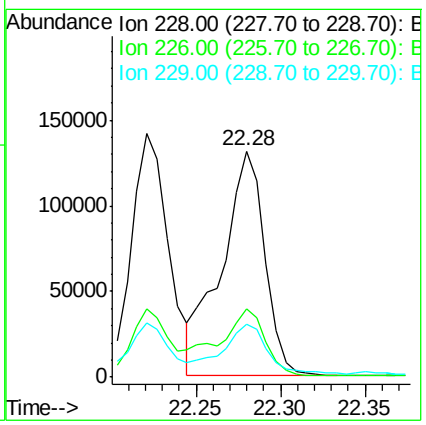


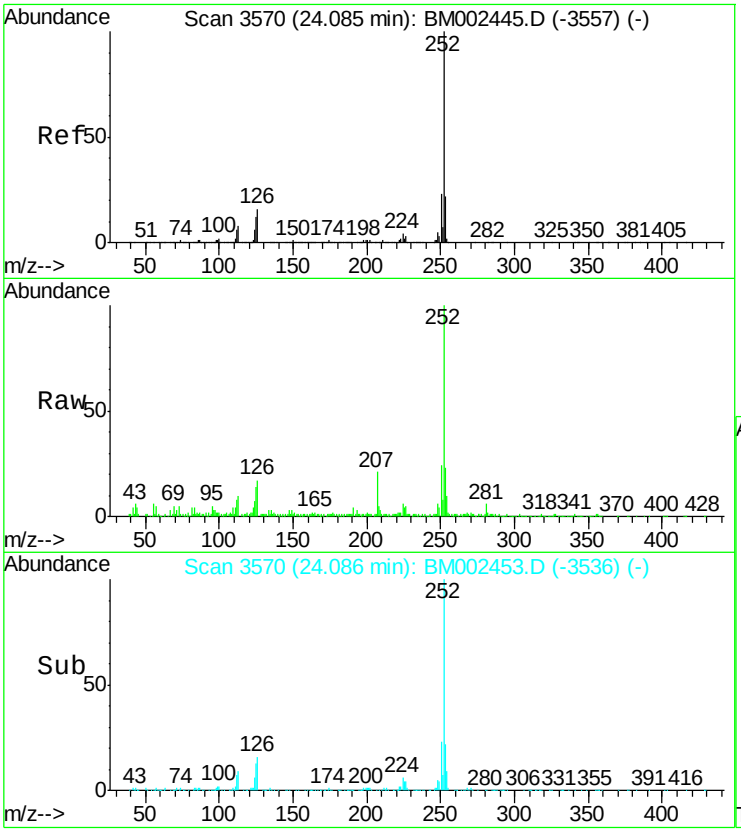


#21
Chrysene
Concen: 8.64 ng/ul
RT: 22.28 min Scan# 3263
Delta R.T. 0.00 min
Lab File: BM002453.D
Acq: 17 Aug 2015 16:10

Tgt Ion:228 Resp: 232071

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	23.5	15.7	23.5



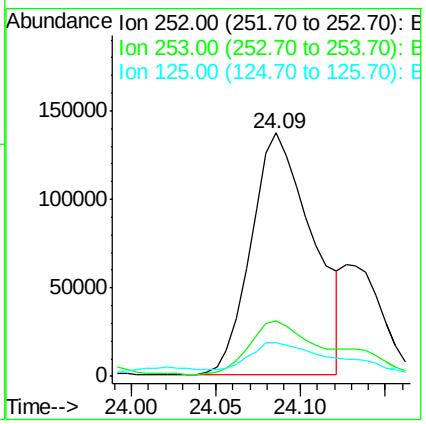


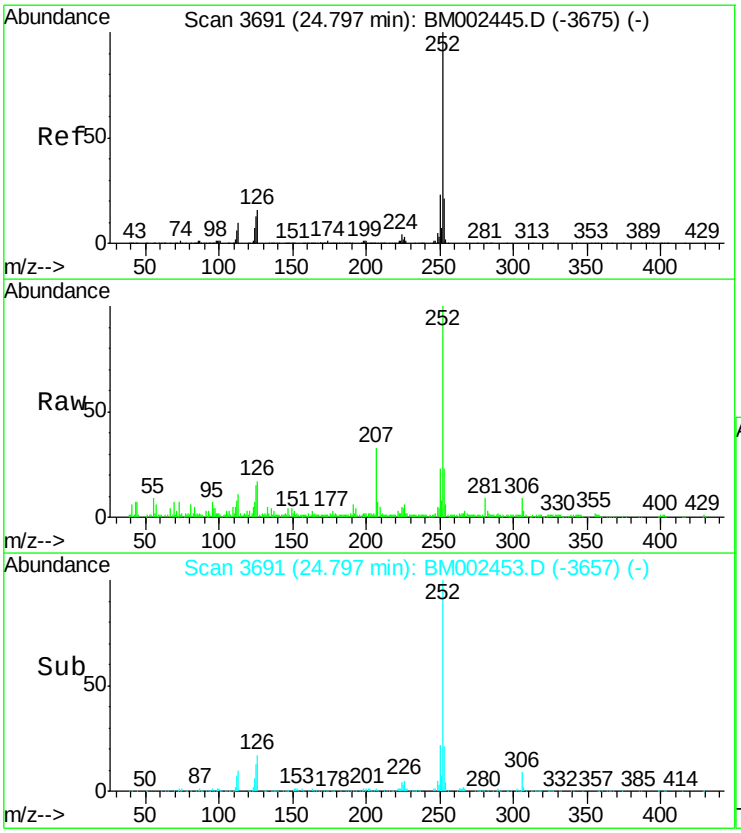
#23
Benzo(b)fluoranthene
Concen: 13.31 ng/ul
RT: 24.09 min Scan# 3570
Delta R.T. 0.00 min
Lab File: BM002453.D
Acq: 17 Aug 2015 16:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 345988

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	14.0	10.0	15.0

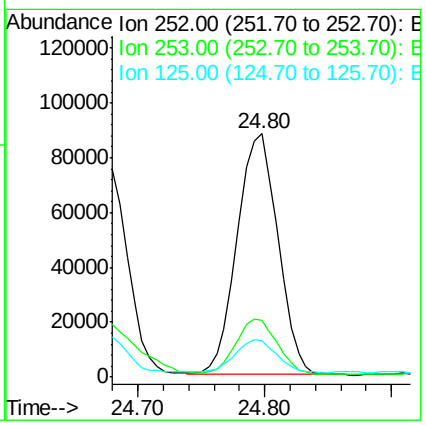


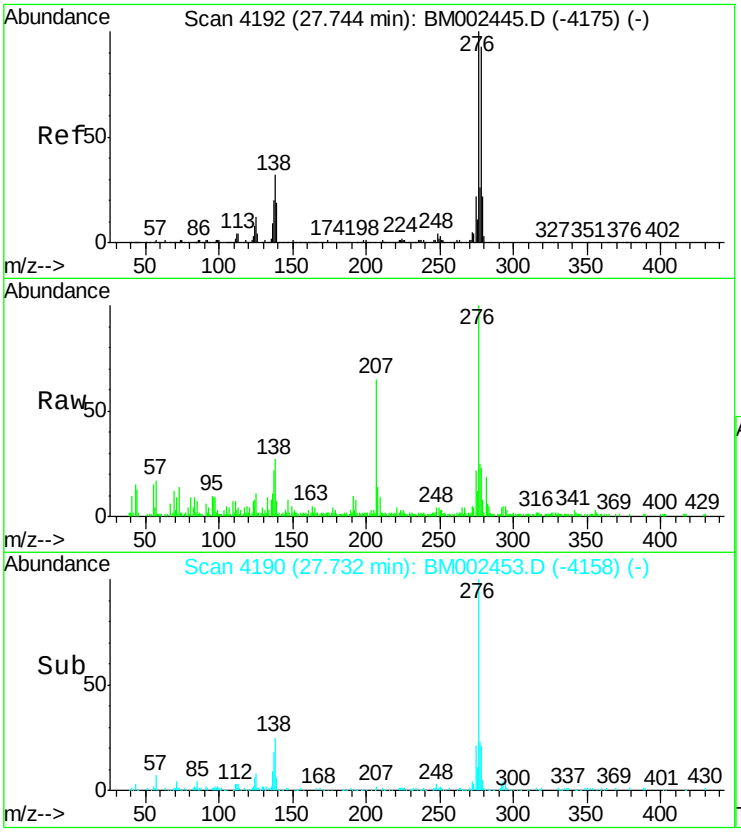


#26
Benzo(a)pyrene
Concen: 7.95 ng/ul
RT: 24.80 min Scan# 3691
Delta R.T. 0.00 min
Lab File: BM002453.D
Acq: 17 Aug 2015 16:10

Tgt Ion:252 Resp: 197490

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	15.0	10.7	16.1



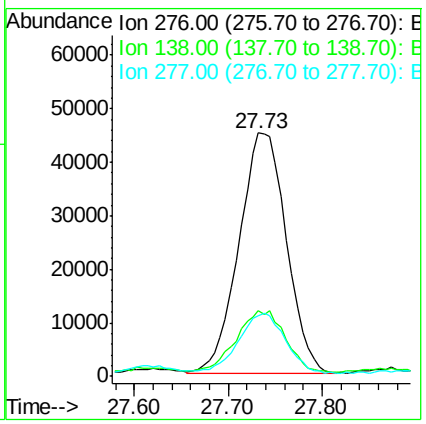


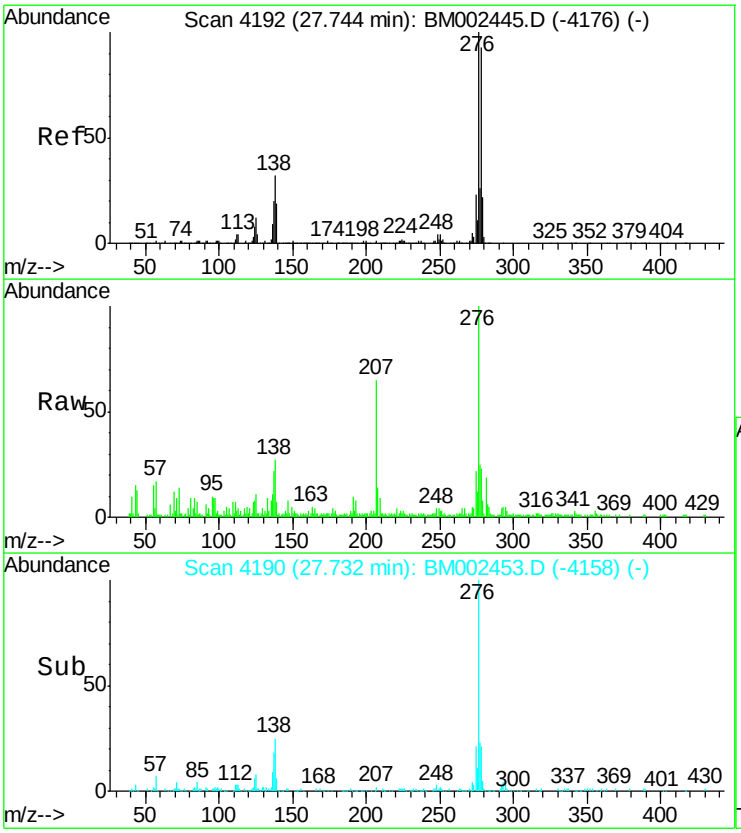
#27
Indeno(1,2,3-cd)pyrene
Concen: 5.47 ng/ul
RT: 27.73 min Scan# 4190
Delta R.T. -0.01 min
Lab File: BM002453.D
Acq: 17 Aug 2015 16:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 156296

Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.3	37.9
277	25.0	20.2	30.2

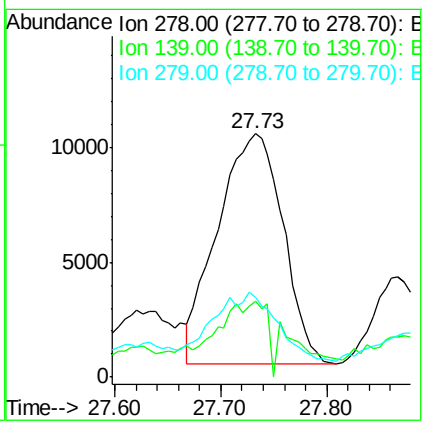


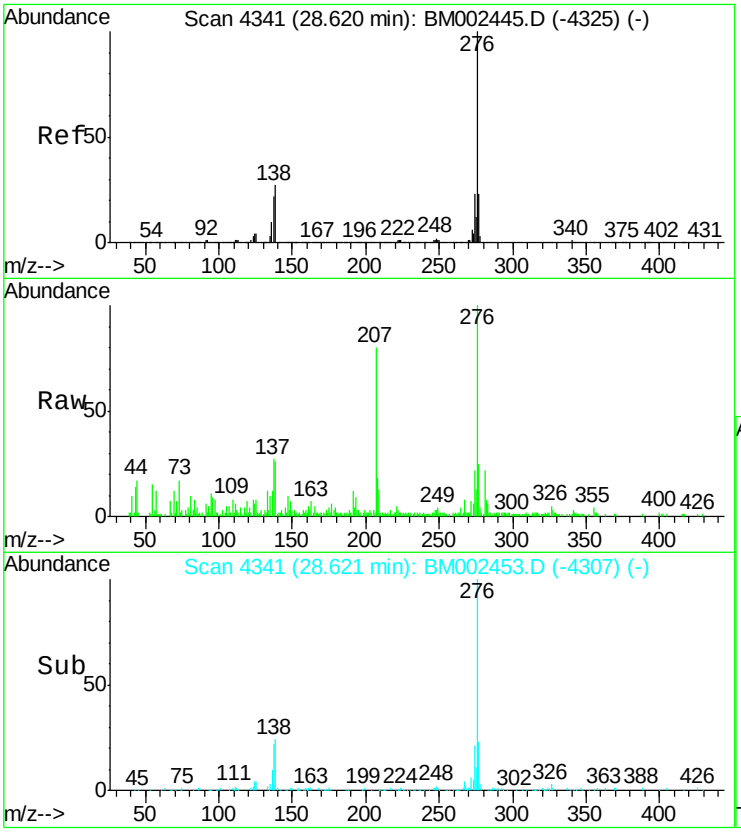


#28
Dibenzo(a,h)anthracene
Concen: 1.80 ng/ul
RT: 27.73 min Scan# 4190
Delta R.T. -0.01 min
Lab File: BM002453.D
Acq: 17 Aug 2015 16:10

Tgt Ion:278 Resp: 42949

Ion	Ratio	Lower	Upper
278	100		
139	31.2	16.5	24.7#
279	32.9	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 5.70 ng/ul
RT: 28.62 min Scan# 4341
Delta R.T. 0.00 min
Lab File: BM002453.D
Acq: 17 Aug 2015 16:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 135619

Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.0	31.6
277	24.6	19.2	28.8