Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081815\
Data File : BM002480.D
Acq On : 18 Aug 2015 10:45
Operator : UM/IZ
Sample : G3227-22DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9DE1DL

Quant Time: Aug 18 18:10:46 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 17:52:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	111236	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	545404	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	286812	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	566628	20.00	ng/ul	0.00
17) Chrysene-d12	22.25	240	390167	20.00	ng/ul	0.00
22) Perylene-d12	24.93	264	375668	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	88247	3.01	ng/ul	0.00
10) Fluorene-d10	16.43	176	61889	3.00	ng/ul	0.00
14) Anthracene-d10	18.26	188	85663	3.13	ng/ul	0.00
18) Pyrene-d10	20.48	212	70545	4.08	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.76	264	56431	2.86	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.21	178	134200	4.10	ng/ul	99
16) Fluoranthene	20.16	202	459615	12.41	ng/ul	99
19) Pyrene	20.51	202	442657	19.37	ng/ul	100
20) Benzo(a)anthracene	22.23	228	475744	20.39	ng/ul	99
21) Chrysene	22.29	228	596376	27.33	ng/ul	97
23) Benzo(b)fluoranthene	24.10	252	1241288	54.66	ng/ul	99
24) Benzo(k)fluoranthene	24.15	252	367716m	17.09	ng/ul	
26) Benzo(a)pyrene	24.81	252	738980	34.07	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.78	276	712577	28.56	ng/ul	94
28) Dibenzo(a,h)anthracene	27.77	278	245772m	11.79	ng/ul	
29) Benzo(g,h,i)perylene	28.67	276	646703	31.14	ng/ul	98

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

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 17:52:39 2015
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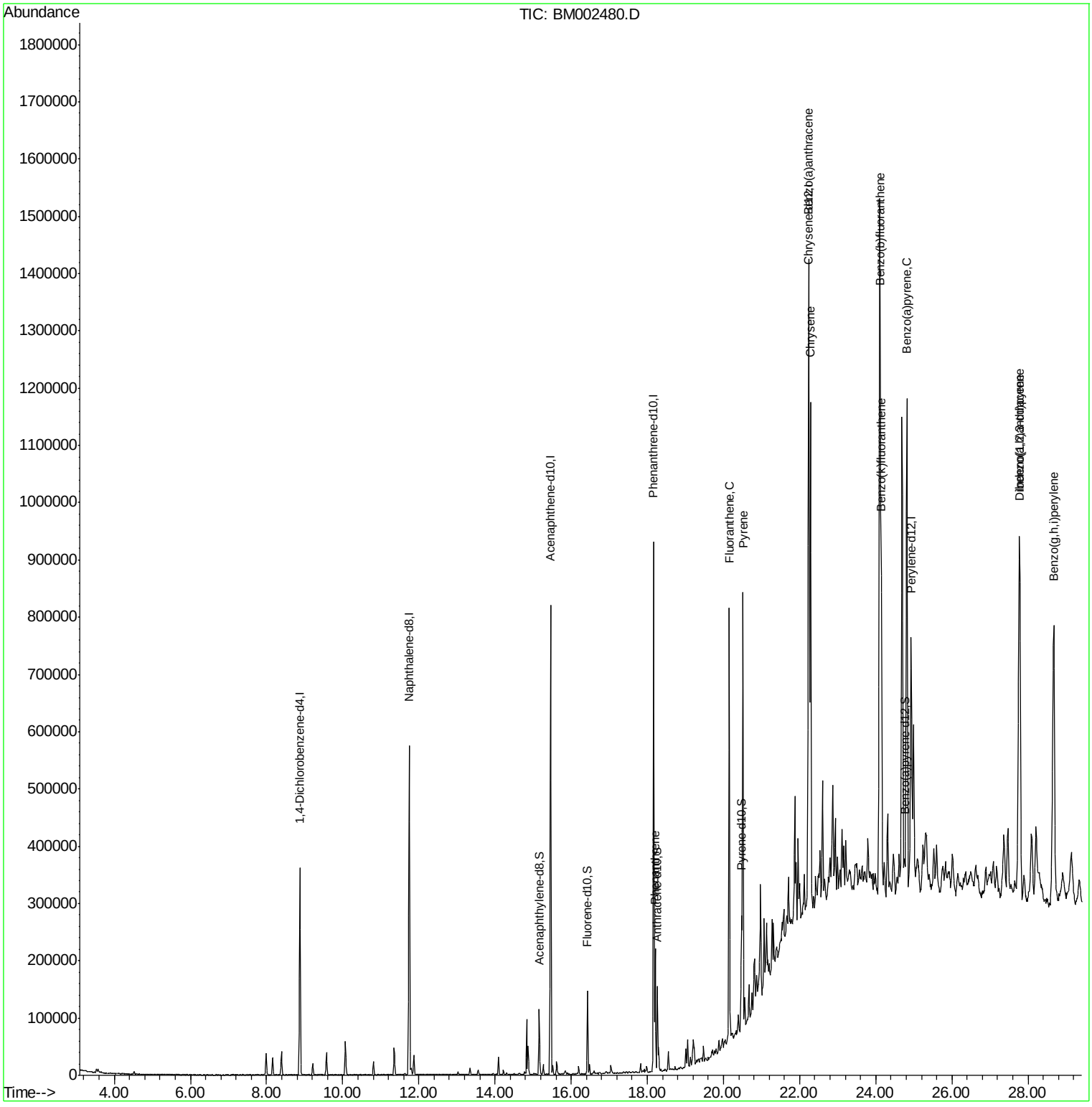
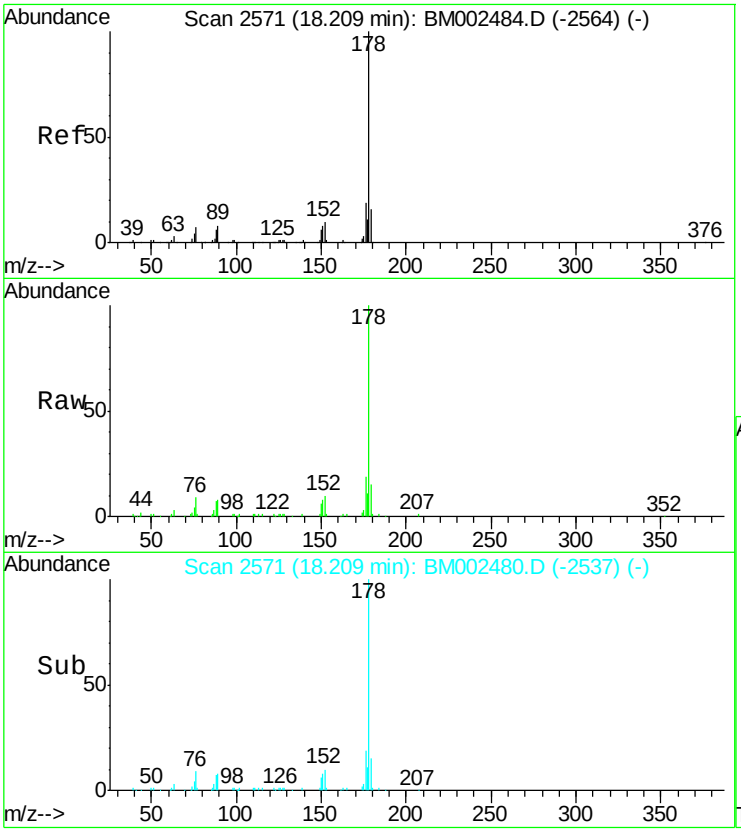


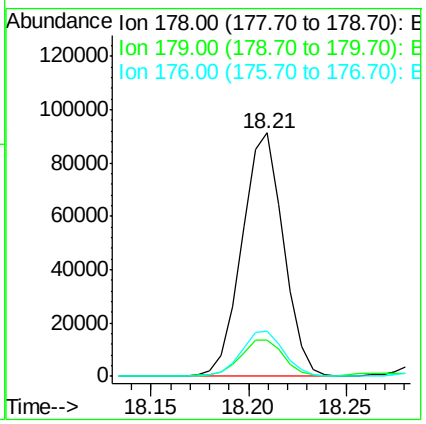


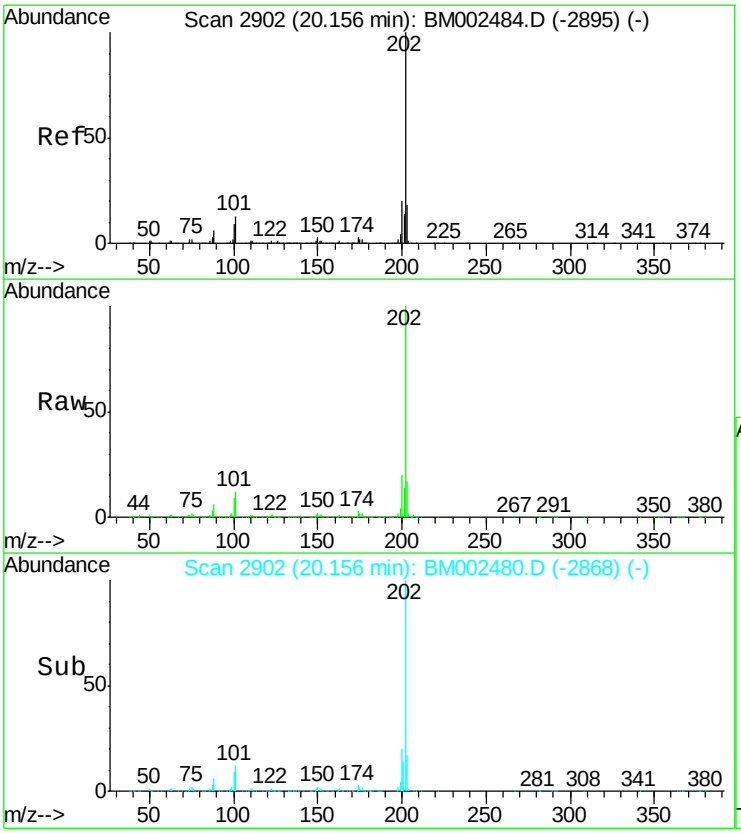
#13
Phenanthrene
Concen: 4.10 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. 0.00 min
Lab File: BM002480.D
Acq: 18 Aug 2015 10:45

Instrument :
BNA_M
ClientSampleId :
D9DE1DL

Tgt Ion:178 Resp: 134200

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.4	18.6
176	18.6	15.1	22.7

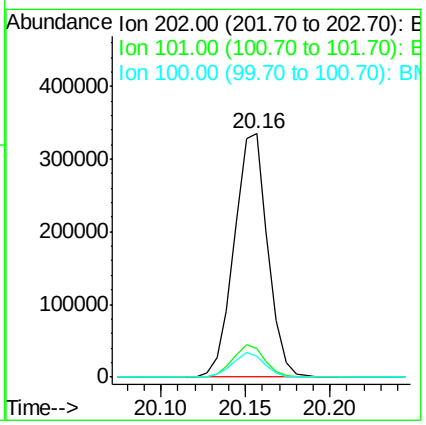


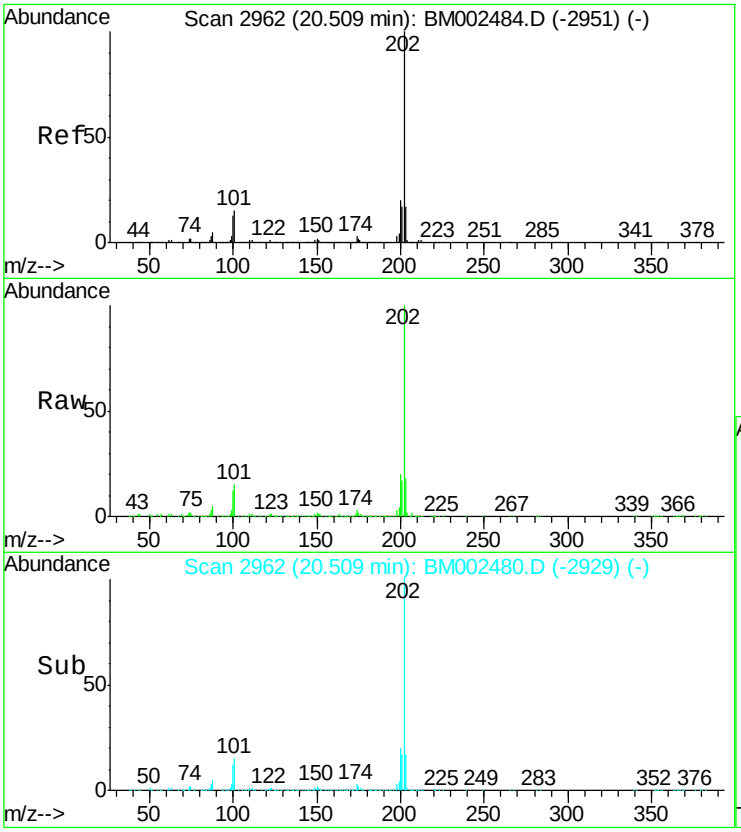


#16
Fluoranthene
Concen: 12.41 ng/ul
RT: 20.16 min Scan# 2902
Delta R.T. 0.00 min
Lab File: BM002480.D
Acq: 18 Aug 2015 10:45

Tgt Ion:202 Resp: 459615

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.7	14.5
100	8.6	7.4	11.2



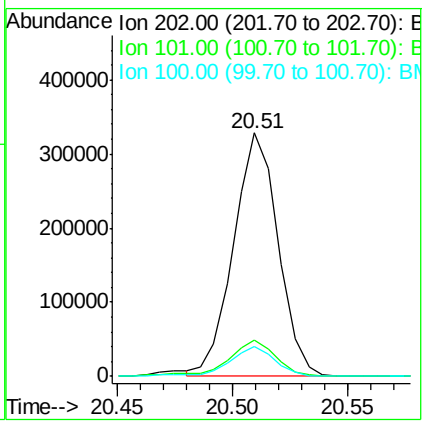


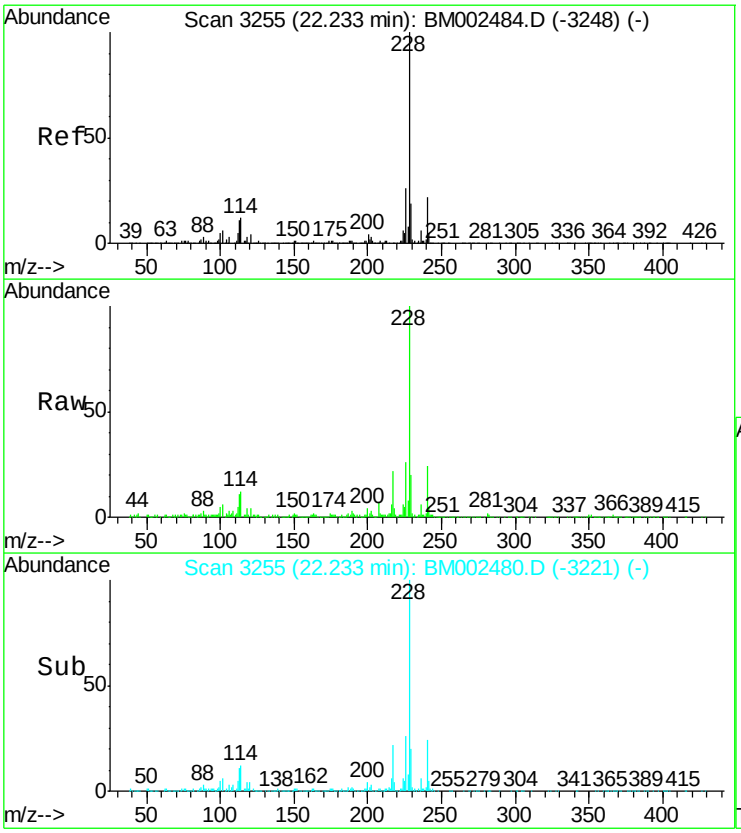
#19
Pyrene
Concen: 19.37 ng/ul
RT: 20.51 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BM002480.D
Acq: 18 Aug 2015 10:45

Instrument :
BNA_M
ClientSampleId :
D9DE1DL

Tgt Ion:202 Resp: 442657

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.0	18.0
100	12.1	9.7	14.5

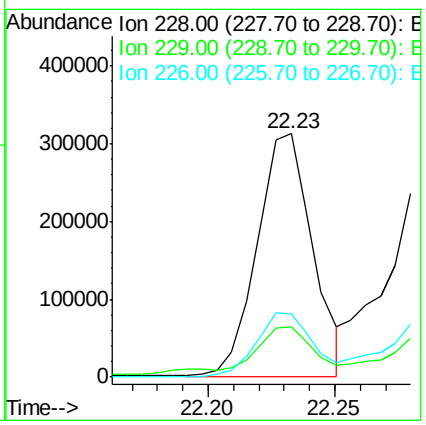


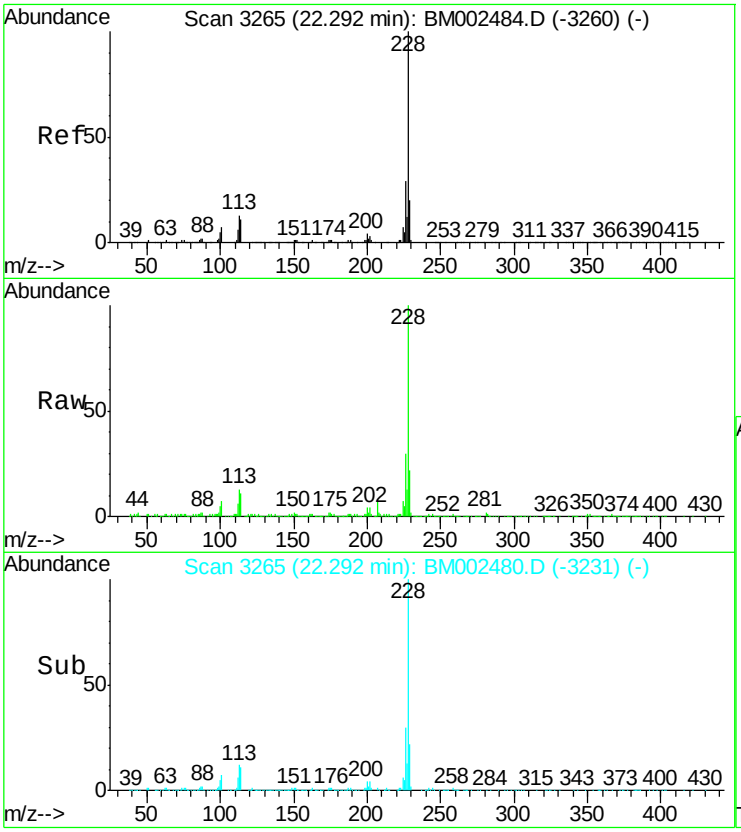


#20
Benzo(a)anthracene
Concen: 20.39 ng/ul
RT: 22.23 min Scan# 3255
Delta R.T. 0.00 min
Lab File: BM002480.D
Acq: 18 Aug 2015 10:45

Tgt Ion:228 Resp: 475744

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	25.9	21.1	31.7



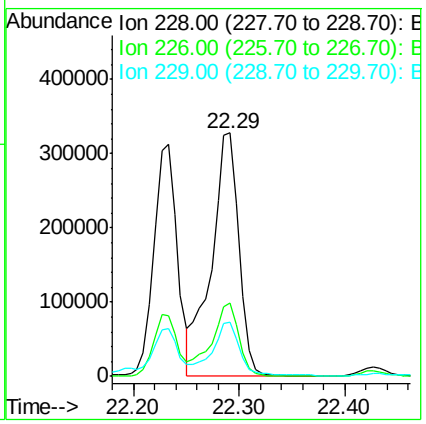


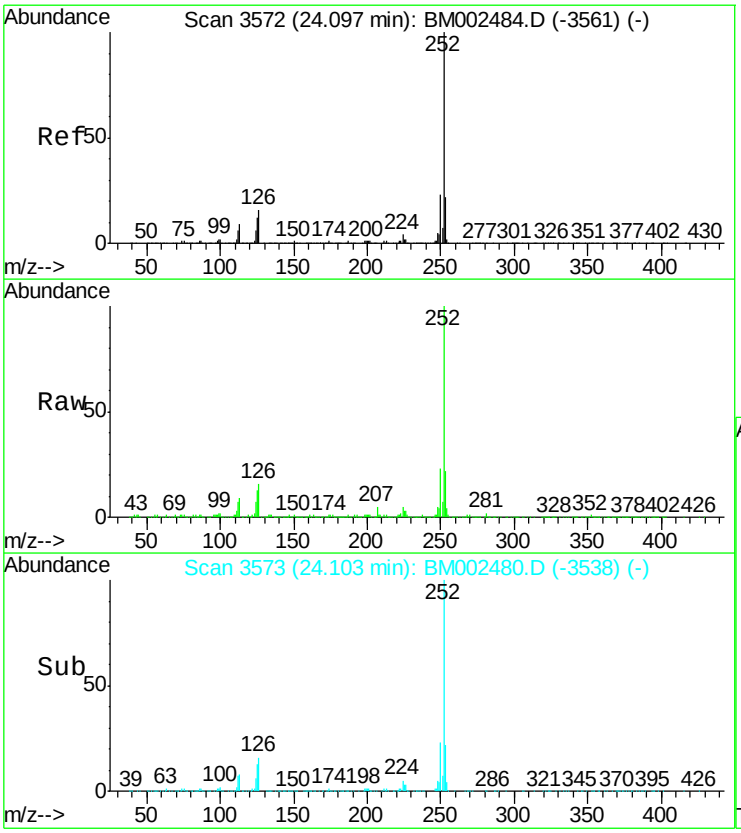
#21
Chrysene
Concen: 27.33 ng/ul
RT: 22.29 min Scan# 3265
Delta R.T. 0.00 min
Lab File: BM002480.D
Acq: 18 Aug 2015 10:45

Instrument :
BNA_M
ClientSampleId :
D9DE1DL

Tgt Ion:228 Resp: 596376

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	22.1	15.7	23.5

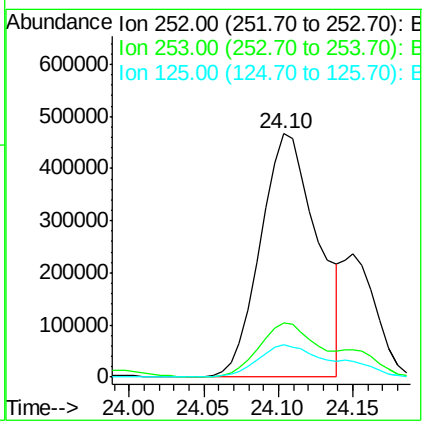


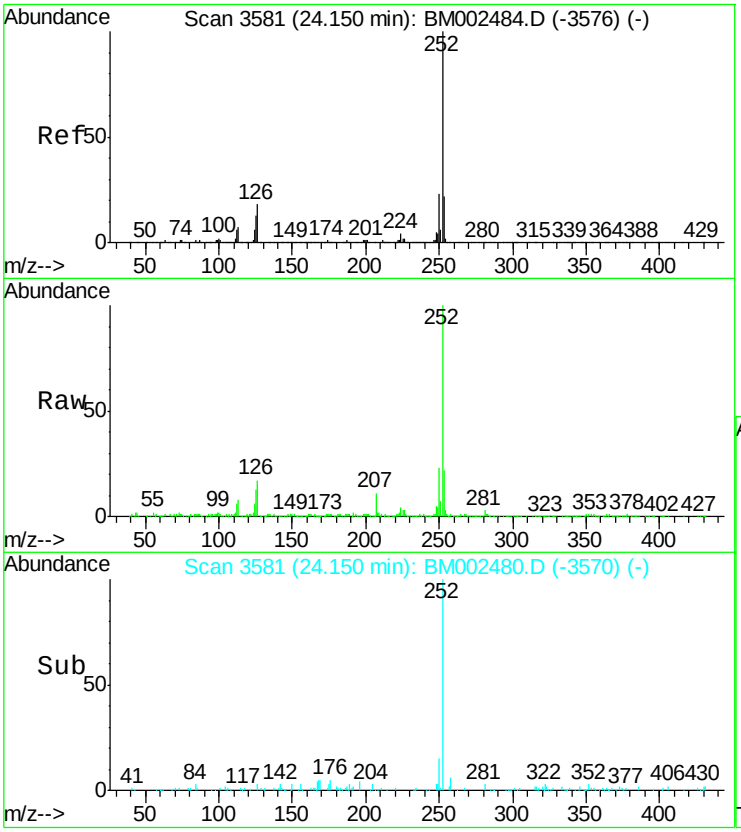


#23
Benzo(b)fluoranthene
Concen: 54.66 ng/ul
RT: 24.10 min Scan# 3573
Delta R.T. 0.01 min
Lab File: BM002480.D
Acq: 18 Aug 2015 10:45

Tgt Ion:252 Resp: 1241288

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	13.4	10.0	15.0



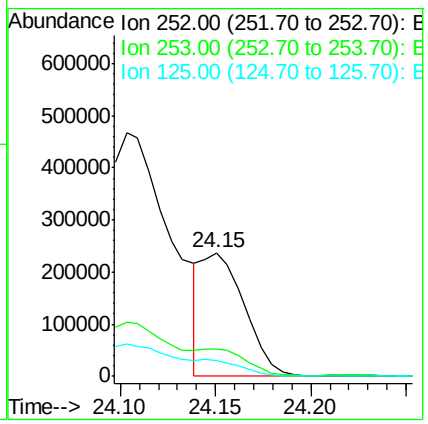


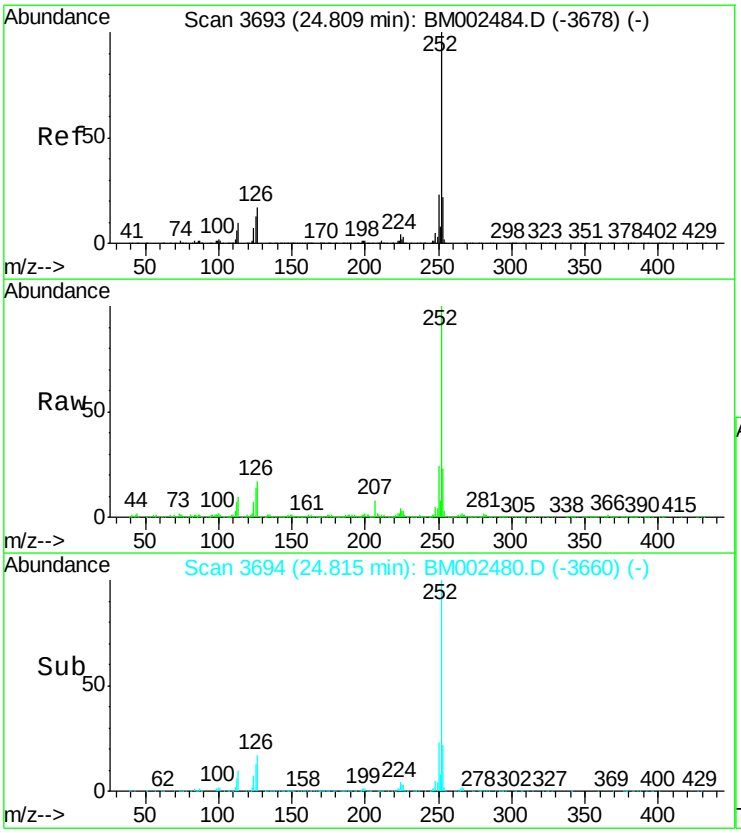
#24
Benzo(k)fluoranthene
Concen: 17.09 ng/ul m
RT: 24.15 min Scan# 3581
Delta R.T. -0.01 min
Lab File: BM002480.D
Acq: 18 Aug 2015 10:45

Instrument :
BNA_M
ClientSampleId :
D9DE1DL

Tgt Ion:252 Resp: 367716

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.5	9.8	14.8

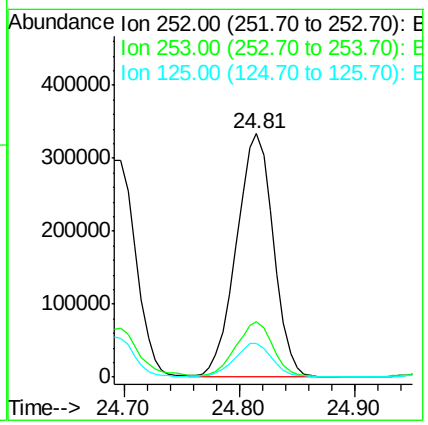


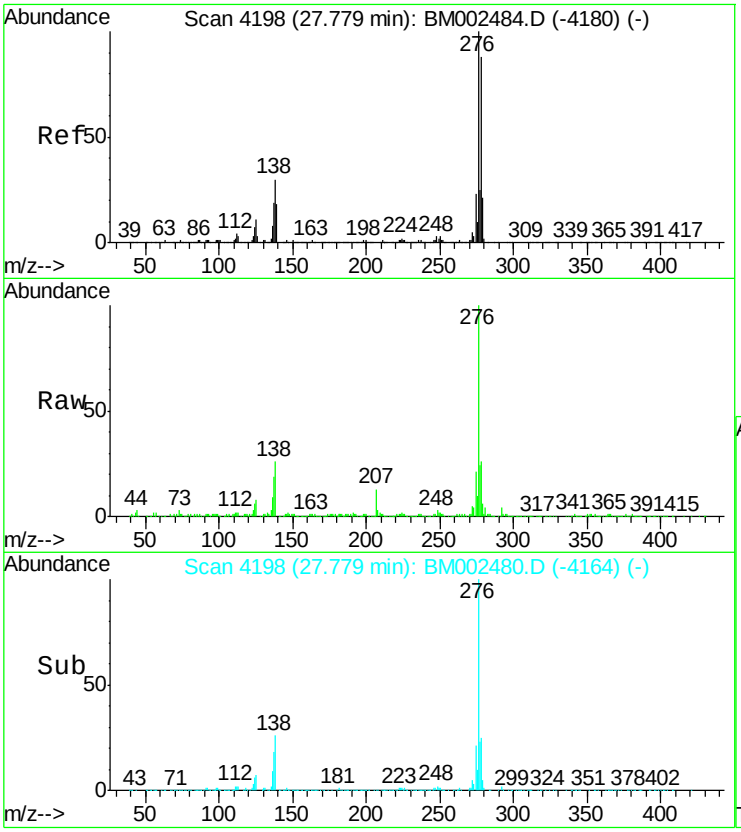


#26
Benzo(a)pyrene
Concen: 34.07 ng/ul
RT: 24.81 min Scan# 3694
Delta R.T. 0.00 min
Lab File: BM002480.D
Acq: 18 Aug 2015 10:45

Tgt Ion:252 Resp: 738980

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	13.7	10.7	16.1



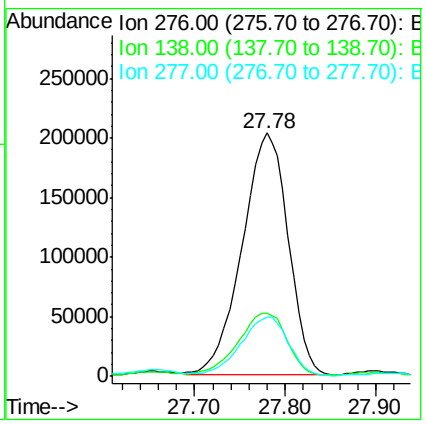


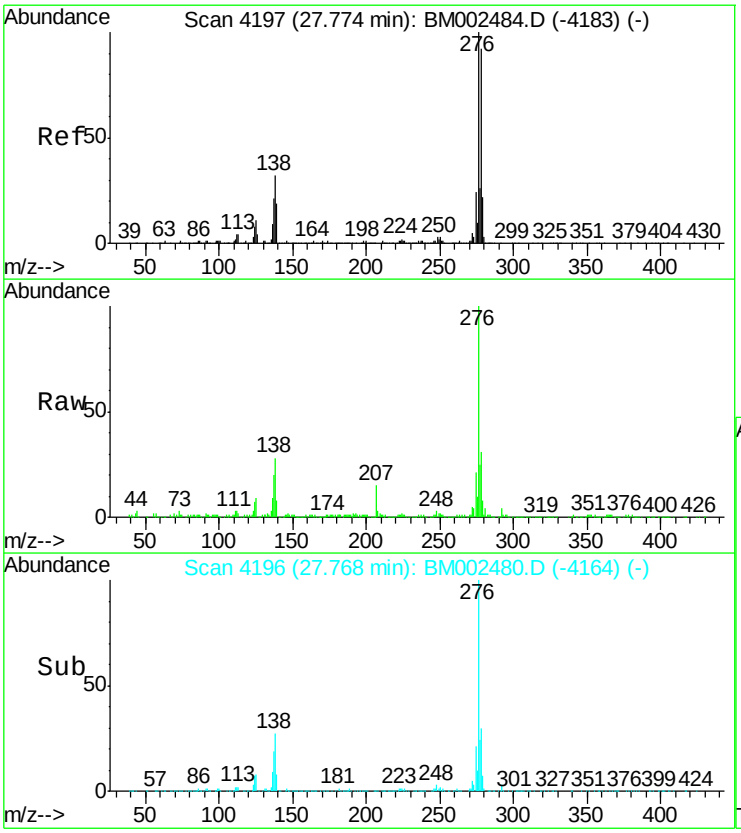
#27
Indeno(1,2,3-cd)pyrene
Concen: 28.56 ng/ul
RT: 27.78 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BM002480.D
Acq: 18 Aug 2015 10:45

Instrument :
BNA_M
ClientSampleId :
D9DE1DL

Tgt Ion:276 Resp: 712577

Ion	Ratio	Lower	Upper
276	100		
138	26.2	25.3	37.9
277	24.3	20.2	30.2

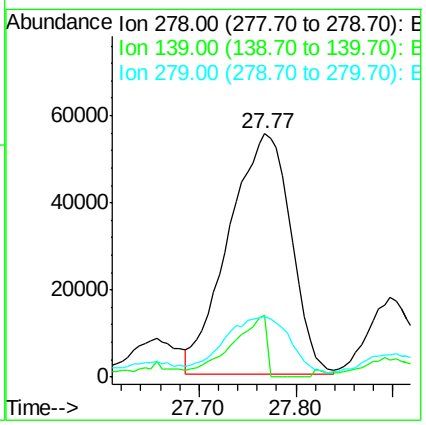


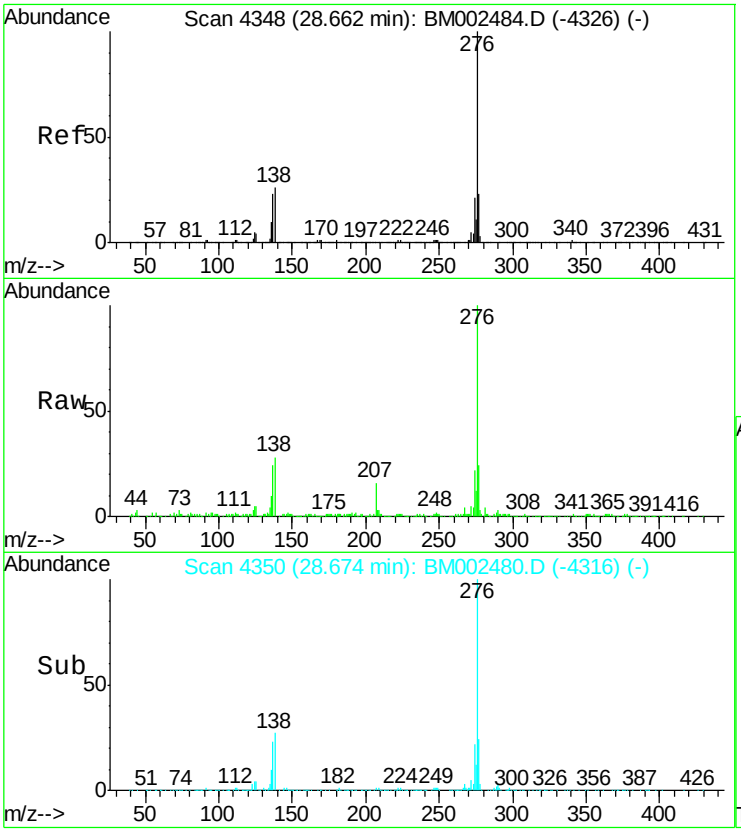


#28
Dibenzo(a,h)anthracene
Concen: 11.79 ng/ul m
RT: 27.77 min Scan# 4196
Delta R.T. -0.01 min
Lab File: BM002480.D
Acq: 18 Aug 2015 10:45

Tgt Ion:278 Resp: 245772

Ion	Ratio	Lower	Upper
278	100		
139	25.3	16.5	24.7#
279	24.9	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 31.14 ng/ul
RT: 28.67 min Scan# 4350
Delta R.T. 0.00 min
Lab File: BM002480.D
Acq: 18 Aug 2015 10:45

Instrument :
BNA_M
ClientSampleId :
D9DE1DL

Tgt Ion:276 Resp: 646703

Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.0	31.6
277	24.3	19.2	28.8