Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112816\
Data File : BM008091.D
Acq On : 28 Nov 2016 17:57
Operator : UM/SJ
Sample : H5701-09DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WD7DL

Quant Time: Nov 29 00:13:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:11:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	679	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	2349	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	1383	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2562	0.40	ng/ul	-0.02
16) Chrysene-d12	21.30	240	3046	0.40	ng/ul	0.00
20) Perylene-d12	23.54	264	2636	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	152	0.05	ng/ul	0.01
14) Fluoranthene-d10	19.14	212	560	0.08	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.54	128	1980	0.30	ng/ul	96
5) 2-Methylnaphthalene	12.17	142	508	0.12	ng/ul	100
7) Acenaphthylene	14.06	152	748	0.12	ng/ul#	82
8) Acenaphthene	14.40	153	1517	0.32	ng/ul	91
9) Fluorene	15.41	166	2011	0.37	ng/ul	99
12) Phenanthrene	17.23	178	5378	0.67	ng/ul	94
13) Anthracene	17.23	178	5887	0.79	ng/ul	96
15) Fluoranthene	19.16	202	28238	2.74	ng/ul	94
17) Pyrene	19.52	202	24487	2.32	ng/ul	97
18) Benzo(a)anthracene	21.28	228	13227	1.41	ng/ul#	95
19) Chrysene	21.28	228	13064	1.12	ng/ul	96
21) Benzo(b)fluoranthene	22.86	252	18154	1.73	ng/ul	95
22) Benzo(k)fluoranthene	22.86	252	18154	1.67	ng/ul#	97
23) Benzo(a)pyrene	23.43	252	10114	1.03	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.79	276	6141	0.50	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.79	278	1690	0.17	ng/ul#	26
26) Benzo(g,h,i)perylene	26.48	276	5201	0.48	ng/ul#	88

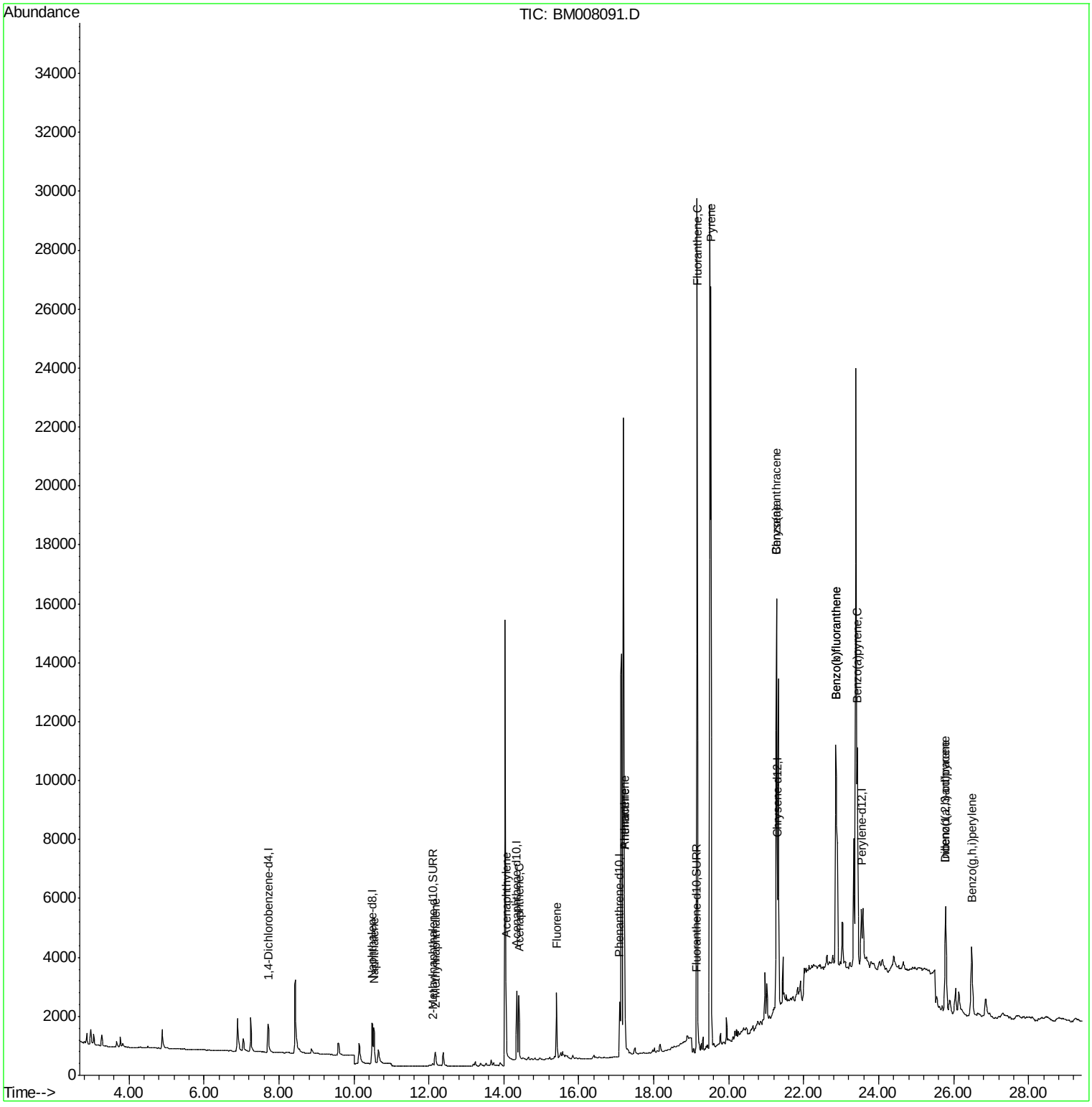
(#) = qualifier out of range (m) = manual integration (+) = signals summed

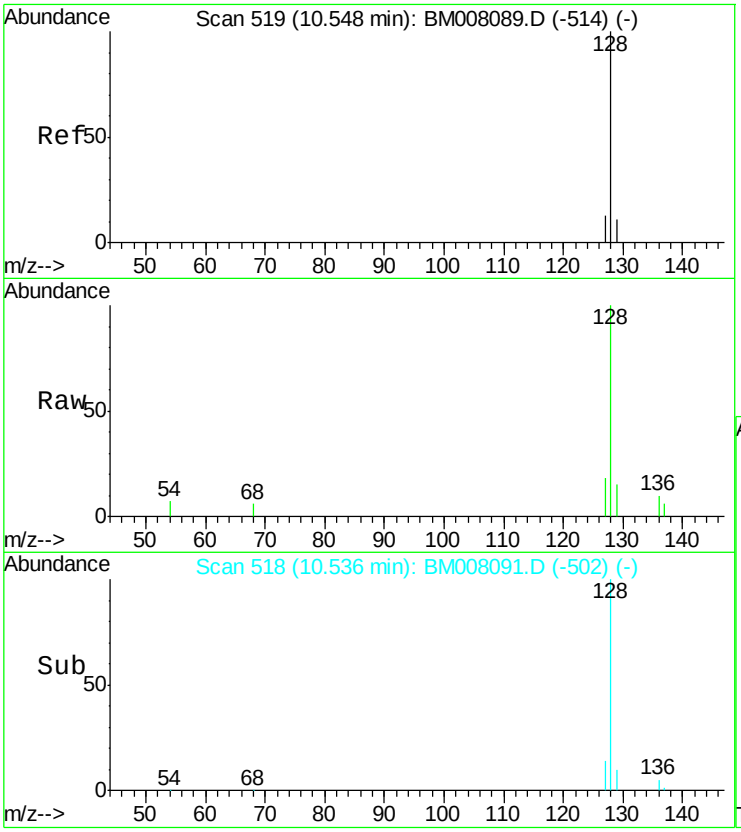
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112816\
Data File : BM008091.D
Acq On : 28 Nov 2016 17:57
Operator : UM/SJ
Sample : H5701-09DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4WD7DL

Quant Time: Nov 29 00:13:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:11:14 2016
Response via : Initial Calibration



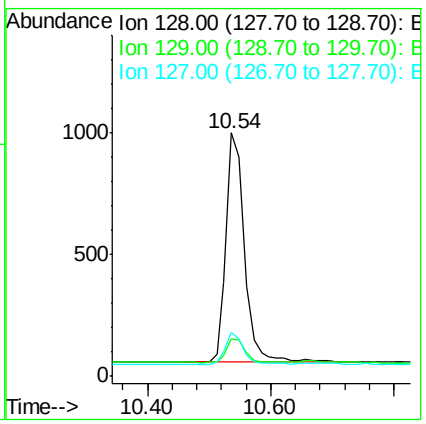


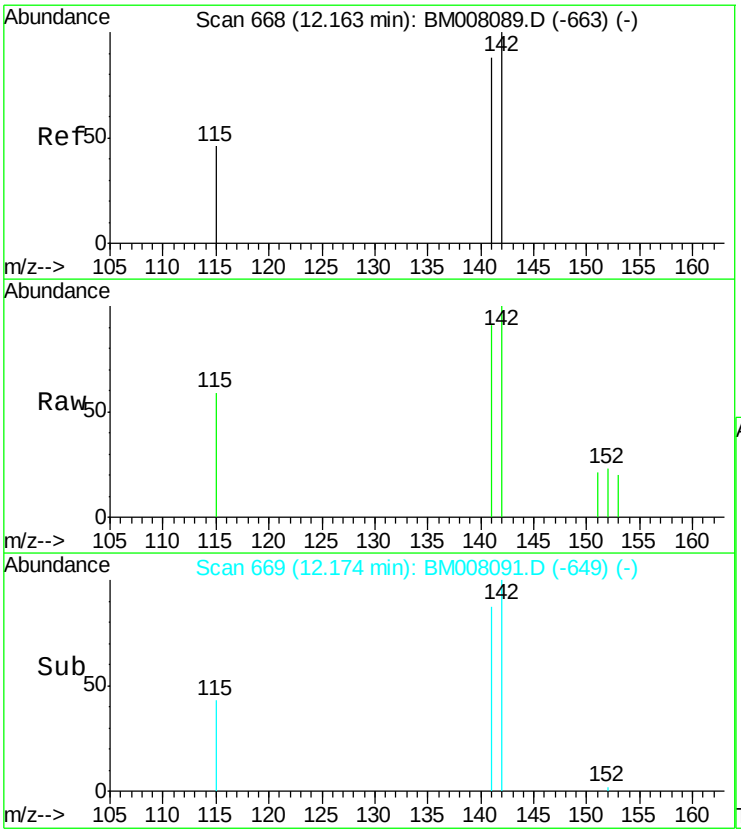
#3
Naphthalene
Concen: 0.30 ng/ul
RT: 10.54 min Scan# 518
Delta R.T. -0.01 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Instrument :
BNA_M
ClientSampleId :
A4WD7DL

Tgt Ion:128 Resp: 1980

Ion	Ratio	Lower	Upper
128	100		
129	15.3	11.3	16.9
127	18.0	12.8	19.2

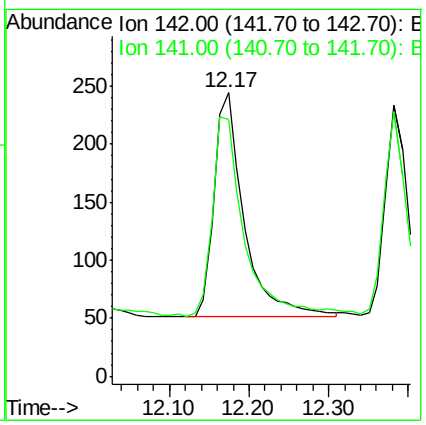


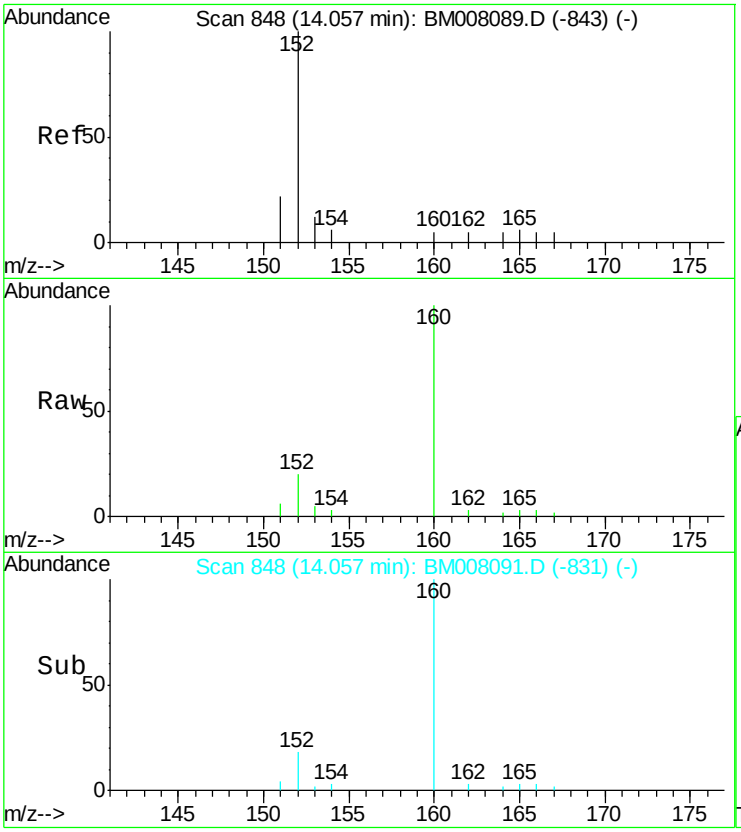


#5
2-Methylnaphthalene
Concen: 0.12 ng/ul
RT: 12.17 min Scan# 669
Delta R.T. 0.01 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Tgt Ion:142 Resp: 508

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.6	108.8



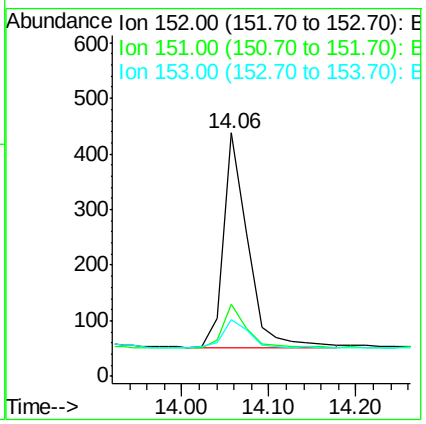


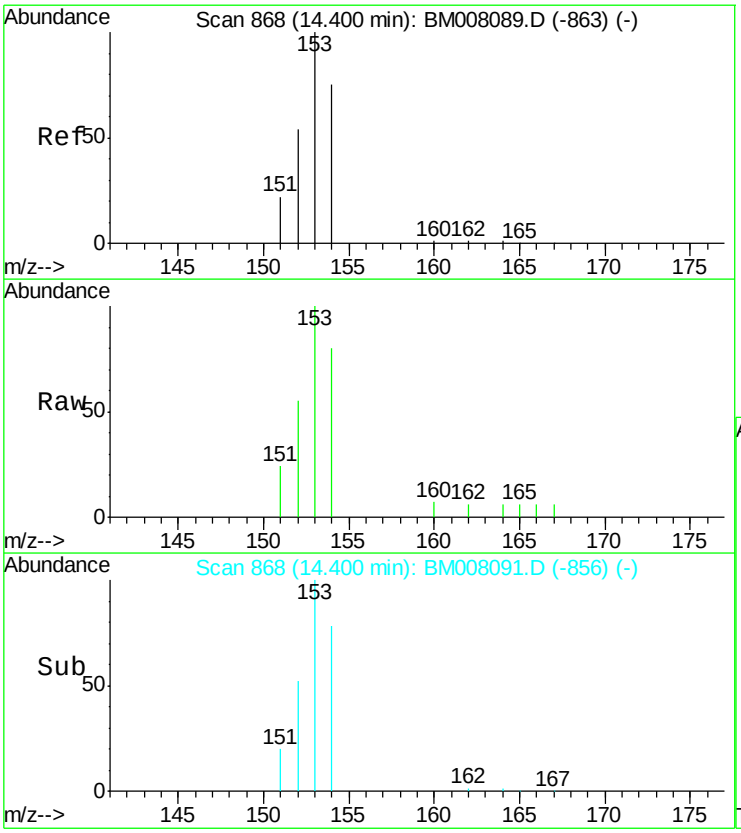
#7
Acenaphthylene
Concen: 0.12 ng/ul
RT: 14.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Instrument :
BNA_M
ClientSampleId :
A4WD7DL

Tgt Ion:152 Resp: 748

Ion	Ratio	Lower	Upper
152	100		
151	29.7	17.1	25.7#
153	23.5	12.8	19.2#

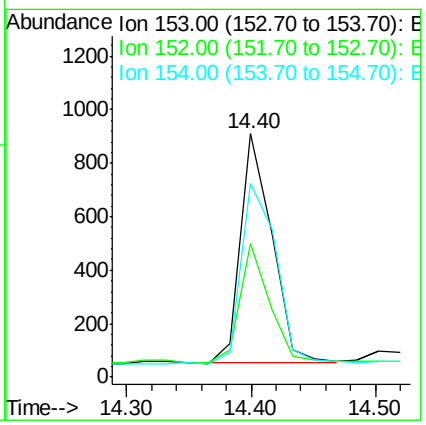


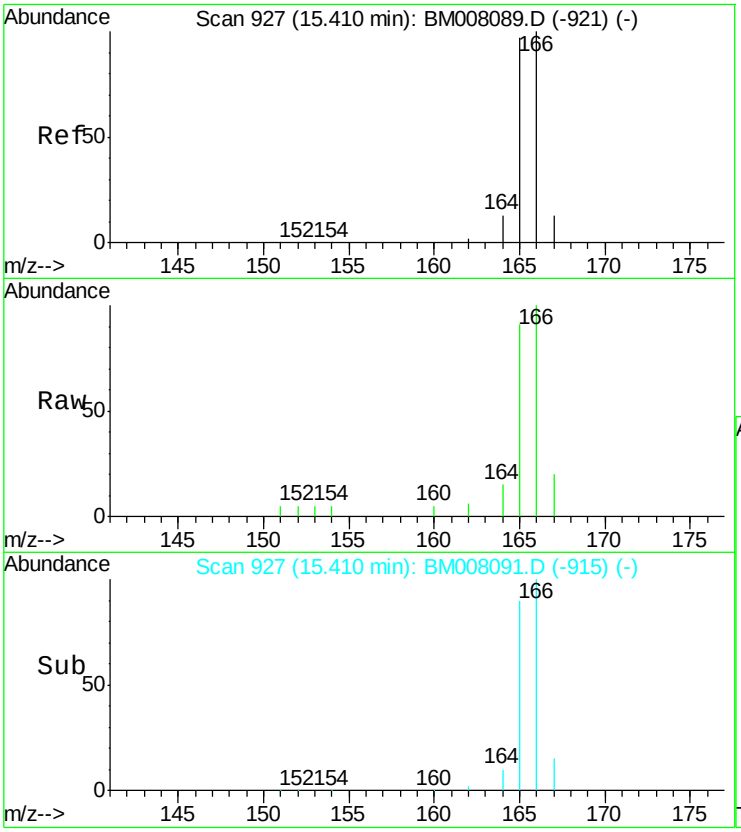


#8
Acenaphthene
Concen: 0.32 ng/ul
RT: 14.40 min Scan# 868
Delta R.T. -0.00 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Tgt Ion:153 Resp: 1517

Ion	Ratio	Lower	Upper
153	100		
152	54.9	40.3	60.5
154	79.6	71.4	107.2



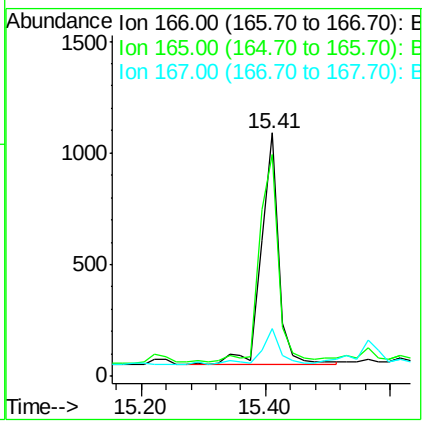


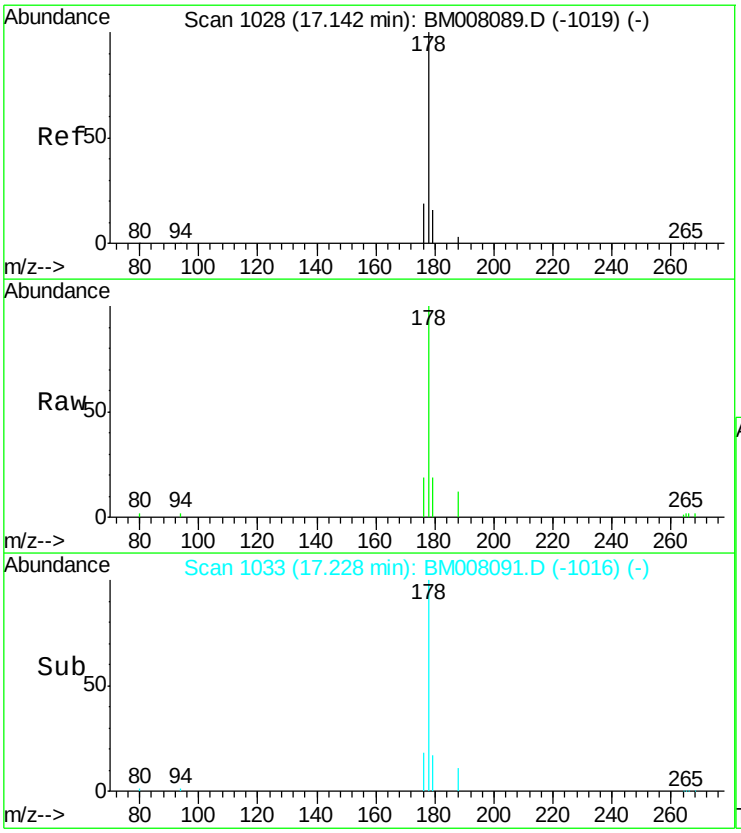
#9
Fluorene
Concen: 0.37 ng/ul
RT: 15.41 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Instrument :
BNA_M
ClientSampleId :
A4WD7DL

Tgt Ion:166 Resp: 2011

Ion	Ratio	Lower	Upper
166	100		
165	91.3	73.4	110.2
167	19.5	14.6	22.0

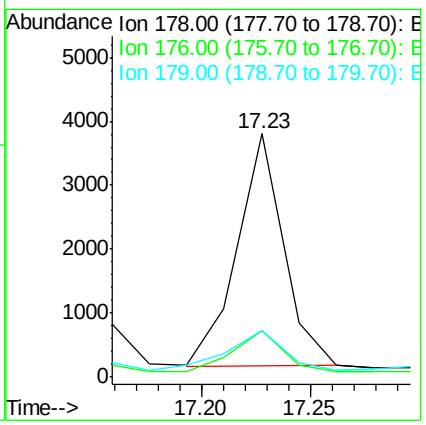


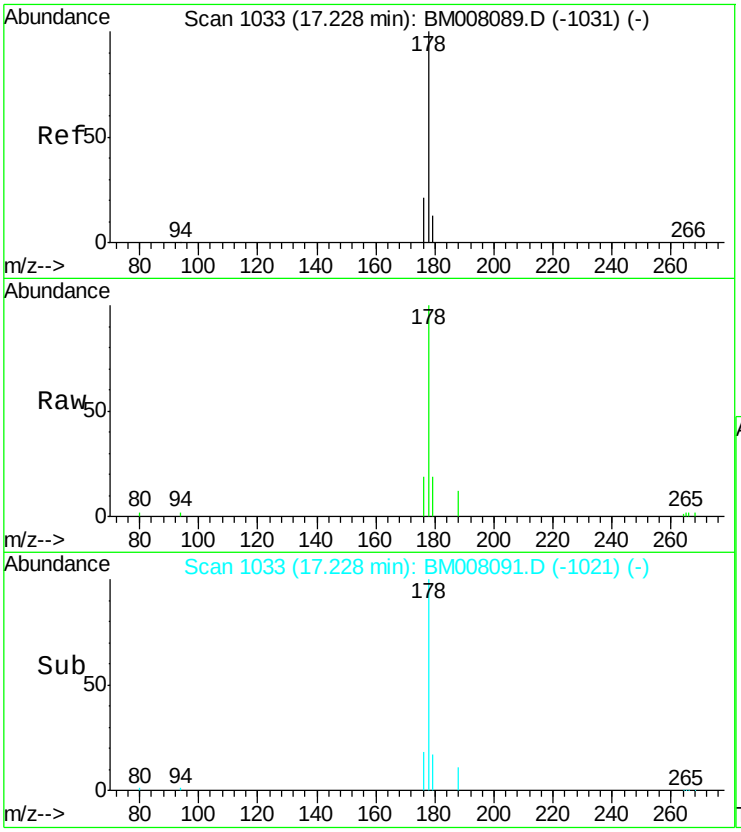


#12
Phenanthrene
Concen: 0.67 ng/ul
RT: 17.23 min Scan# 1033
Delta R.T. 0.09 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Tgt Ion:178 Resp: 5378

Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.4	27.6
179	19.0	13.6	20.4



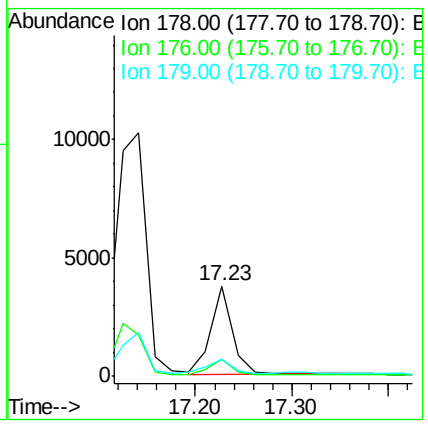


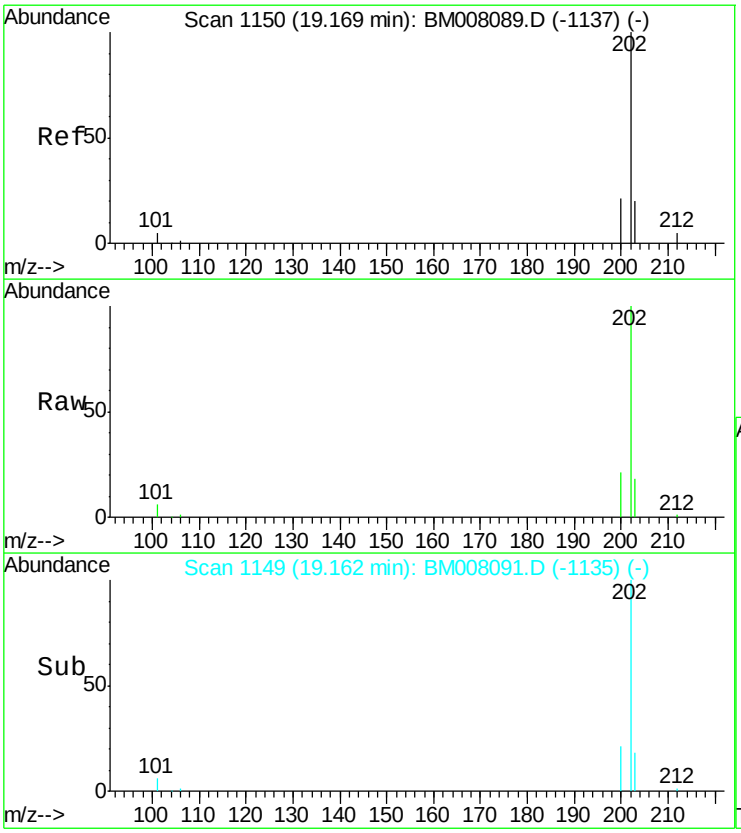
#13
Anthracene
Concen: 0.79 ng/ul
RT: 17.23 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Instrument :
BNA_M
ClientSampleId :
A4WD7DL

Tgt Ion:178 Resp: 5887

Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.1	27.1
179	19.0	14.7	22.1

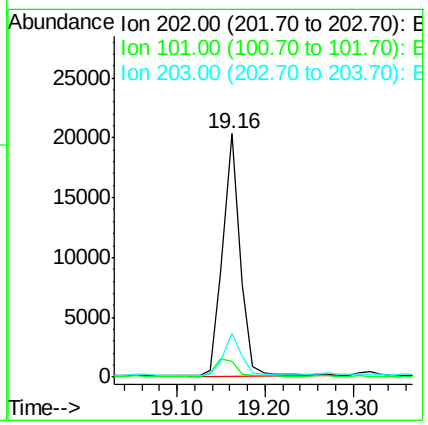


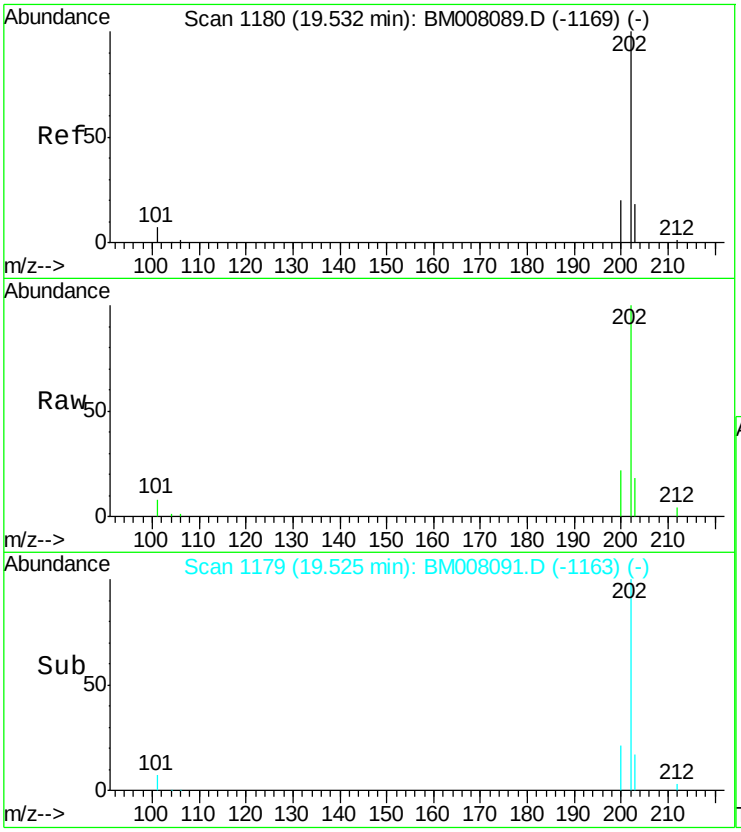


#15
Fluoranthene
Concen: 2.74 ng/ul
RT: 19.16 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Tgt Ion:202 Resp: 28238

Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	30.3
203	17.8	0.0	39.5



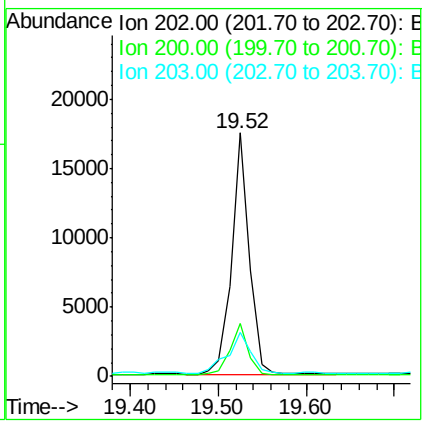


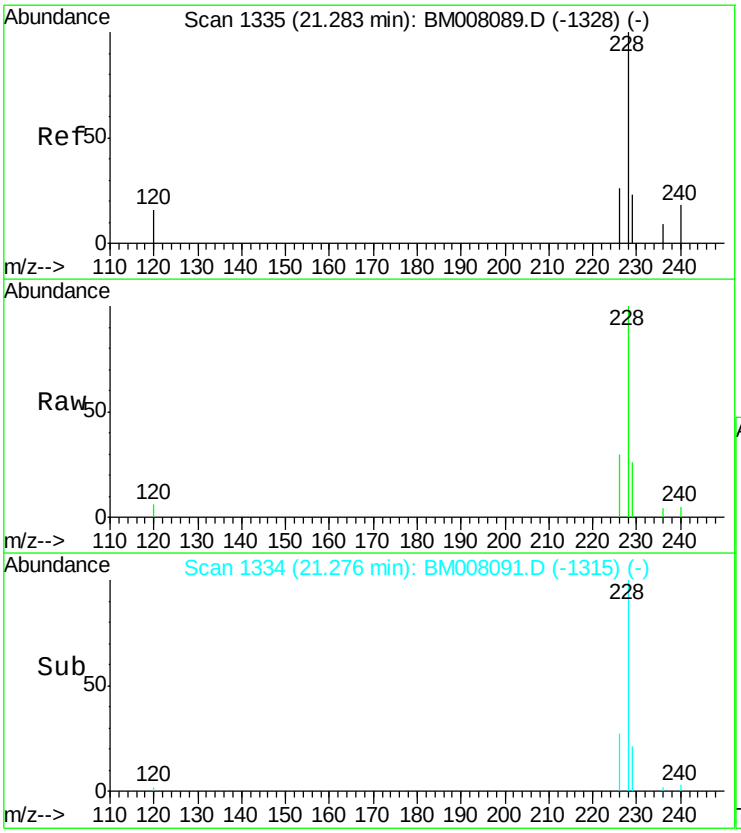
#17
Pyrene
Concen: 2.32 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Instrument :
BNA_M
ClientSampleId :
A4WD7DL

Tgt Ion:202 Resp: 24487

Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.2	27.4
203	18.1	15.6	23.4

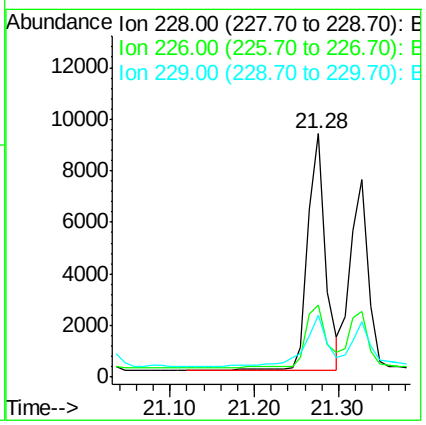


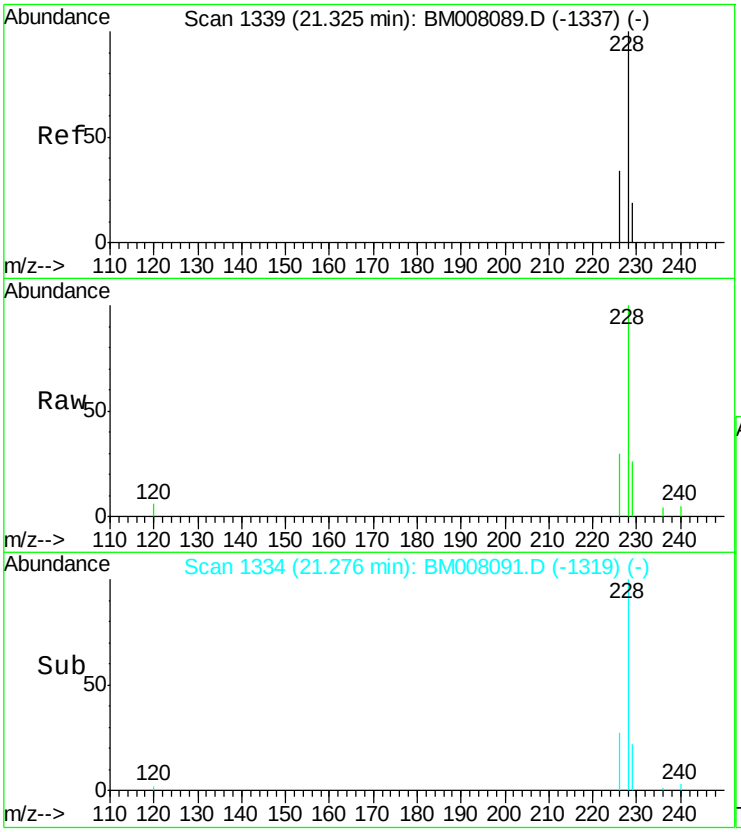


#18
Benzo(a)anthracene
Concen: 1.41 ng/ul
RT: 21.28 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Tgt Ion:228 Resp: 13227

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.8	34.2
229	25.6	17.0	25.6#



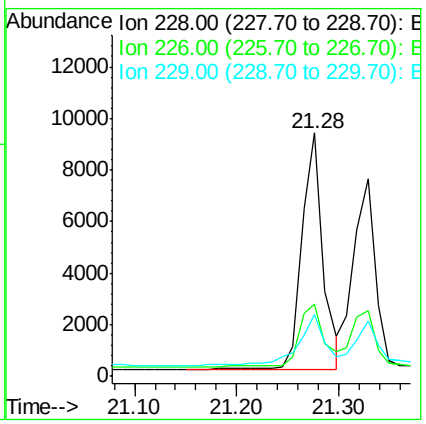


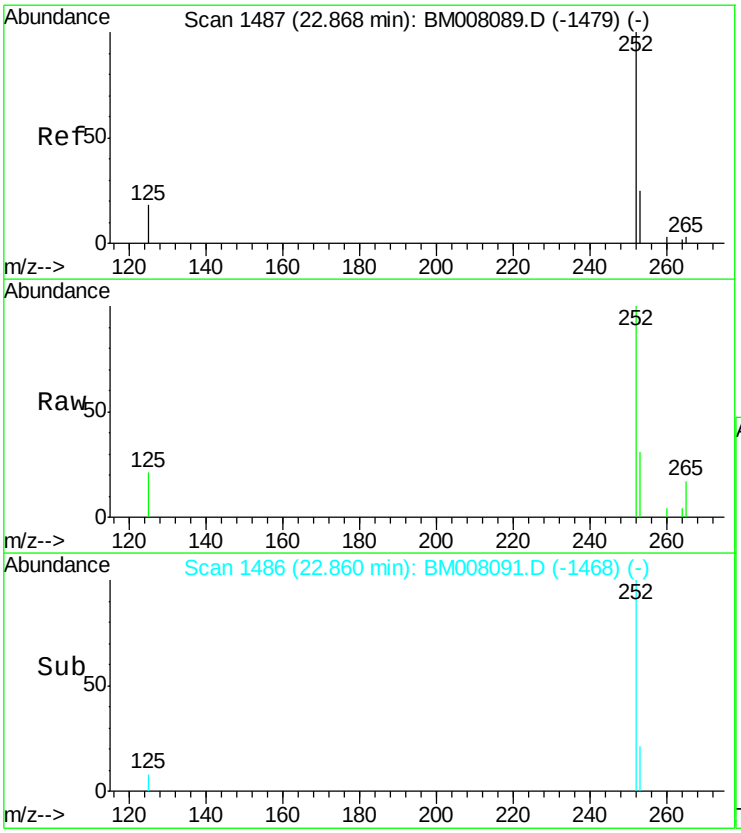
#19
Chrysene
Concen: 1.12 ng/ul
RT: 21.28 min Scan# 1334
Delta R.T. -0.05 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Instrument :
BNA_M
ClientSampleId :
A4WD7DL

Tgt Ion:228 Resp: 13064

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.0
229	25.6	17.7	26.5

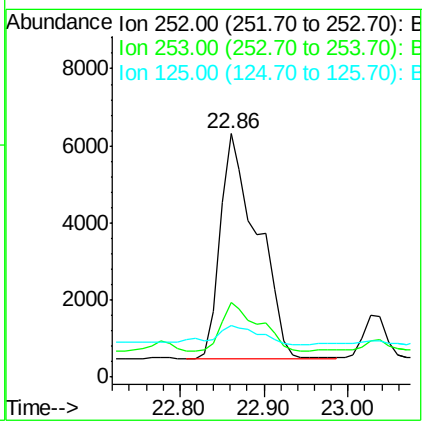


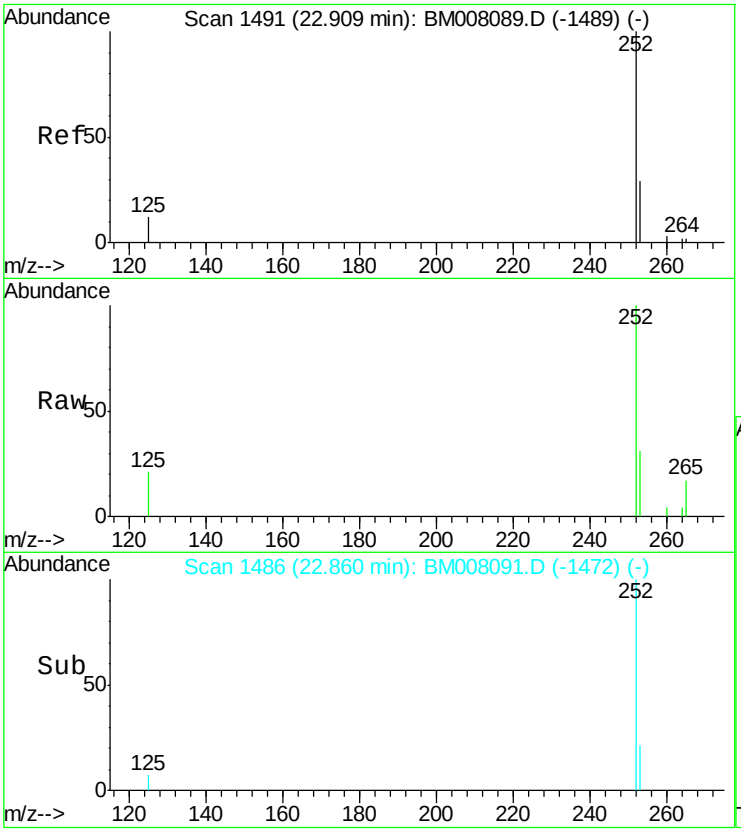


#21
Benzo(b)fluoranthene
Concen: 1.73 ng/ul
RT: 22.86 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Tgt Ion:252 Resp: 18154

Ion	Ratio	Lower	Upper
252	100		
253	30.6	0.0	64.2
125	21.2	0.0	35.0



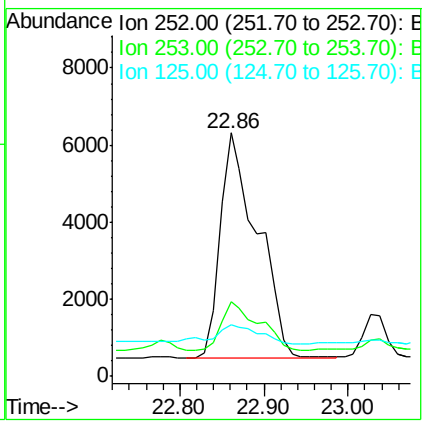


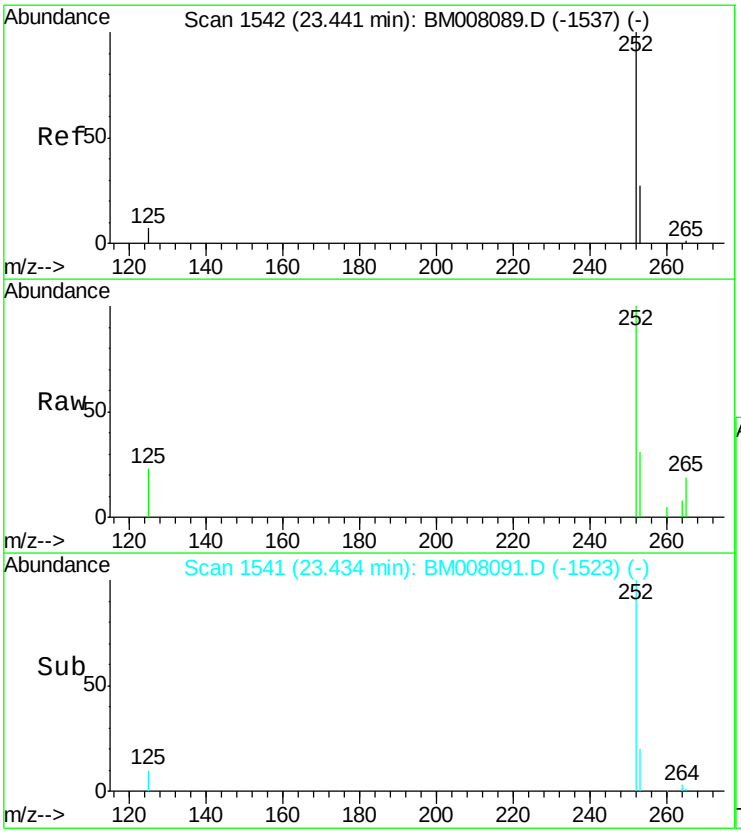
#22
Benzo(k)fluoranthene
Concen: 1.67 ng/ul
RT: 22.86 min Scan# 1486
Delta R.T. -0.05 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Instrument :
BNA_M
ClientSampleId :
A4WD7DL

Tgt Ion:252 Resp: 18154

Ion	Ratio	Lower	Upper
252	100		
253	30.6	24.5	36.7
125	21.2	13.7	20.5#

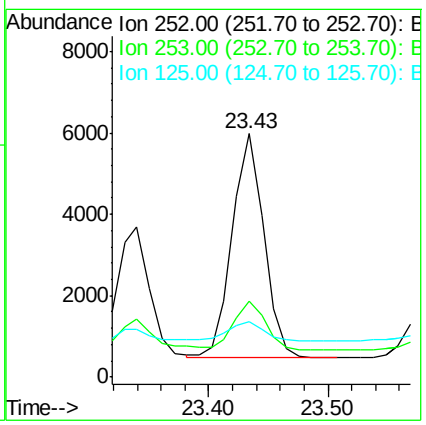


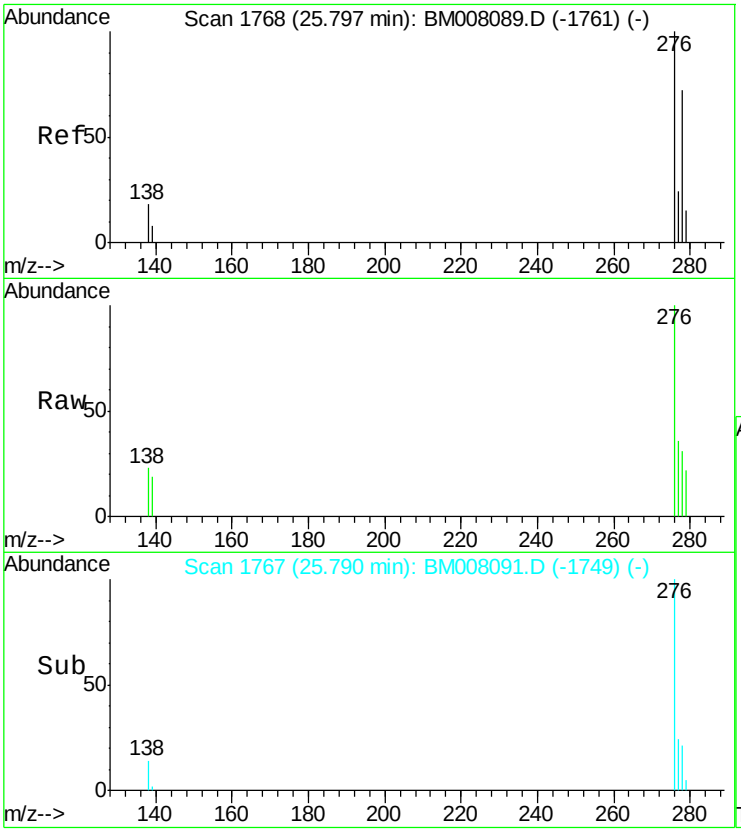


#23
Benzo(a)pyrene
Concen: 1.03 ng/ul
RT: 23.43 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Tgt Ion:252 Resp: 10114

Ion	Ratio	Lower	Upper
252	100		
253	31.0	28.5	42.7
125	22.6	18.1	27.1



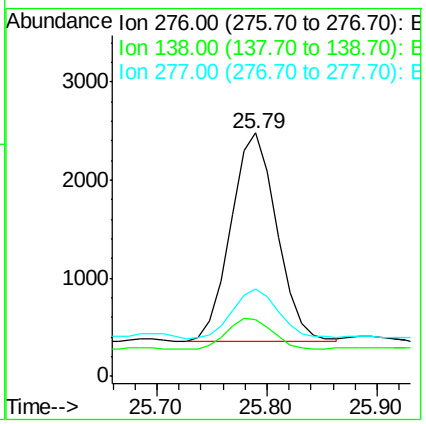


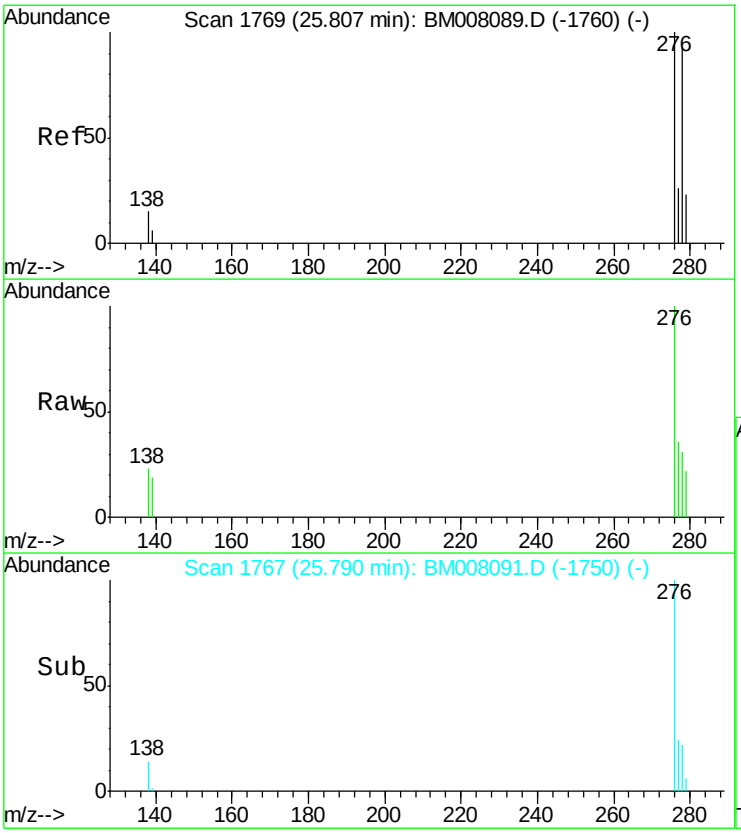
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.50 ng/ul
RT: 25.79 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Instrument :
BNA_M
ClientSampleId :
A4WD7DL

Tgt Ion:276 Resp: 6141

Ion	Ratio	Lower	Upper
276	100		
138	15.3	19.1	28.7#
277	24.1	19.6	29.4

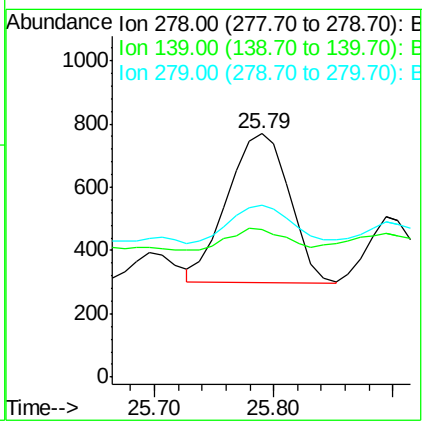


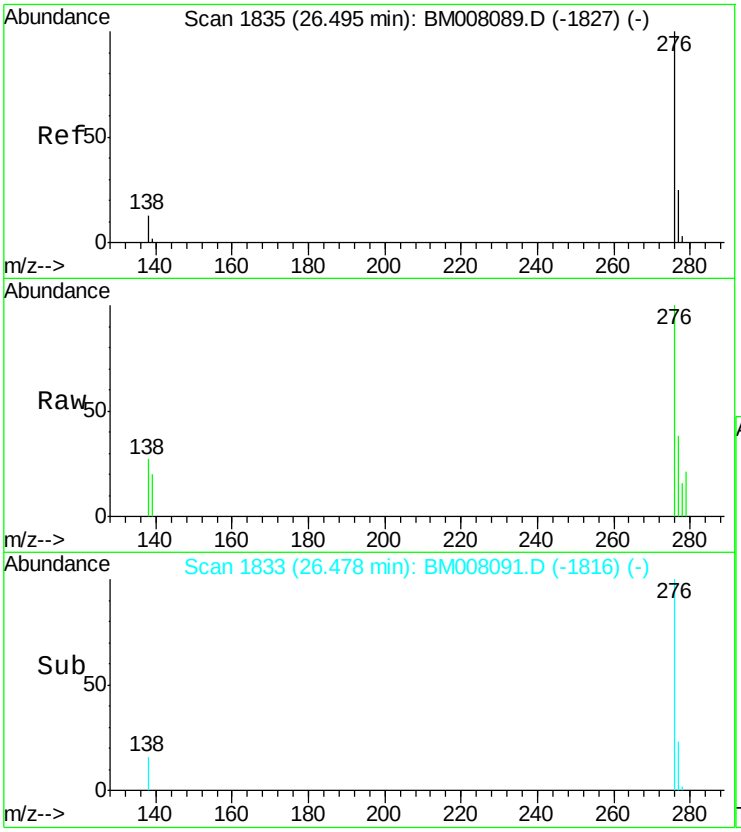


#25
Dibenzo(a,h)anthracene
Concen: 0.17 ng/ul
RT: 25.79 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Tgt Ion:278 Resp: 1690

Ion	Ratio	Lower	Upper
278	100		
139	60.5	17.4	26.0#
279	70.9	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.48 ng/ul
RT: 26.48 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BM008091.D
Acq: 28 Nov 2016 17:57

Instrument :
BNA_M
ClientSampleId :
A4WD7DL

Tgt Ion:276 Resp: 5201

Ion	Ratio	Lower	Upper
276	100		
277	38.0	21.8	32.8#
138	26.6	20.5	30.7