Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
Data File : BM008460.D
Acq On : 20 Dec 2016 02:25
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.448

Quant Time: Dec 20 03:45:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 03:40:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	247	0.40	ng/ul	0.02
2) Naphthalene-d8	10.49	136	967	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	561	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	1054	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	959	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	870	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	568	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.11	212	1075	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.54	128	1053	0.39	ng/ul#	73
5) 2-Methylnaphthalene	12.17	142	690	0.38	ng/ul	95
7) Acenaphthylene	14.04	152	1023	0.40	ng/ul#	88
8) Acenaphthene	14.38	153	790	0.41	ng/ul	96
9) Fluorene	15.39	166	863	0.40	ng/ul#	85
11) Pentachlorophenol	16.80	266	102	0.31	ng/ul	98
12) Phenanthrene	17.12	178	1261	0.39	ng/ul#	92
13) Anthracene	17.12	178	1261	0.40	ng/ul	93
15) Fluoranthene	19.15	202	1510	0.38	ng/ul	93
17) Pyrene	19.51	202	1567	0.42	ng/ul#	92
18) Benzo(a)anthracene	21.27	228	1181	0.38	ng/ul	92
19) Chrysene	21.27	228	1181	0.34	ng/ul	94
21) Benzo(b)fluoranthene	22.83	252	1342	0.39	ng/ul	92
22) Benzo(k)fluoranthene	22.88	252	1325	0.40	ng/ul#	90
23) Benzo(a)pyrene	23.41	252	1241	0.39	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.76	276	1488	0.39	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.76	278	1190	0.39	ng/ul#	82
26) Benzo(g,h,i)perylene	26.44	276	1294	0.40	ng/ul#	90

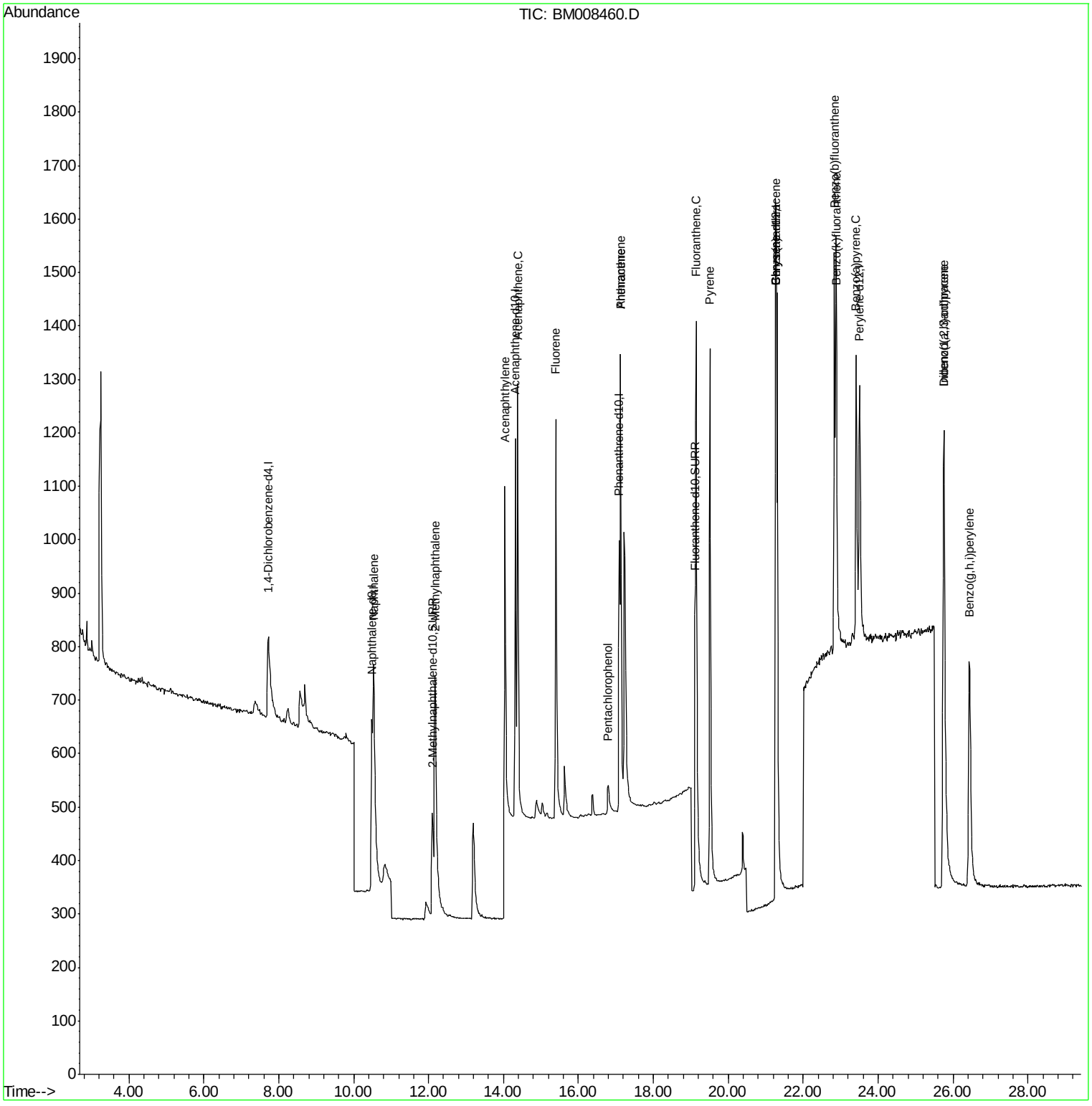
(#) = qualifier out of range (m) = manual integration (+) = signals summed

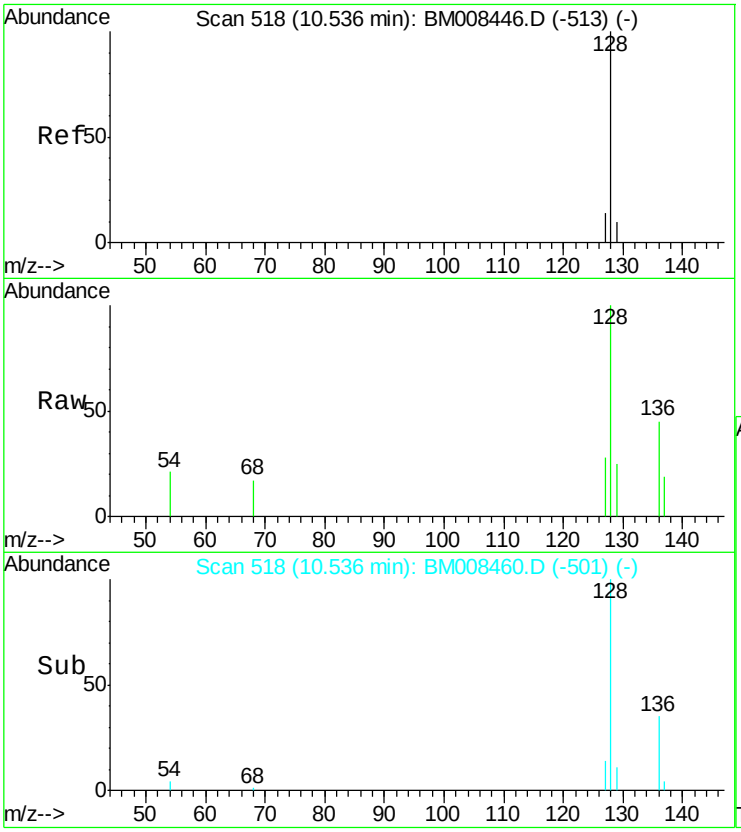
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
Data File : BM008460.D
Acq On : 20 Dec 2016 02:25
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.448

Quant Time: Dec 20 03:45:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 03:40:00 2016
Response via : Initial Calibration



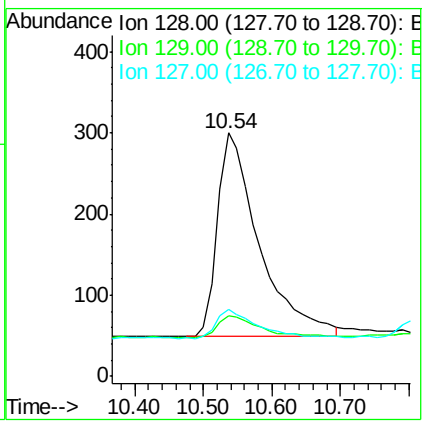


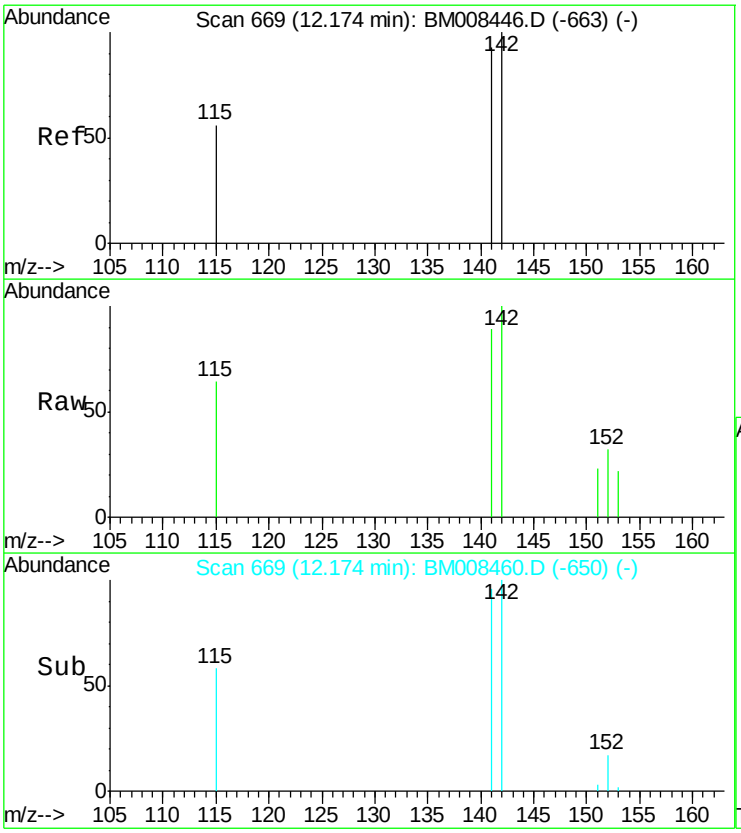
#3
Naphthalene
Concen: 0.39 ng/ul
RT: 10.54 min Scan# 518
Delta R.T. -0.00 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.448

Tgt Ion:128 Resp: 1053

Ion	Ratio	Lower	Upper
128	100		
129	25.0	11.3	16.9#
127	27.7	12.8	19.2#

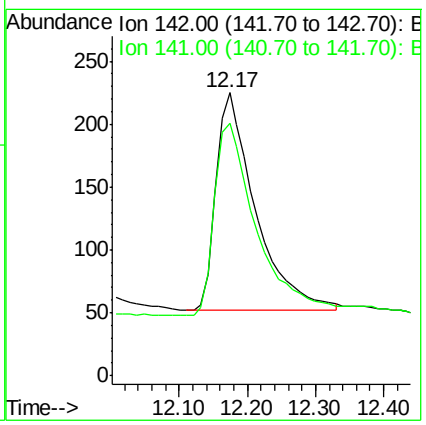


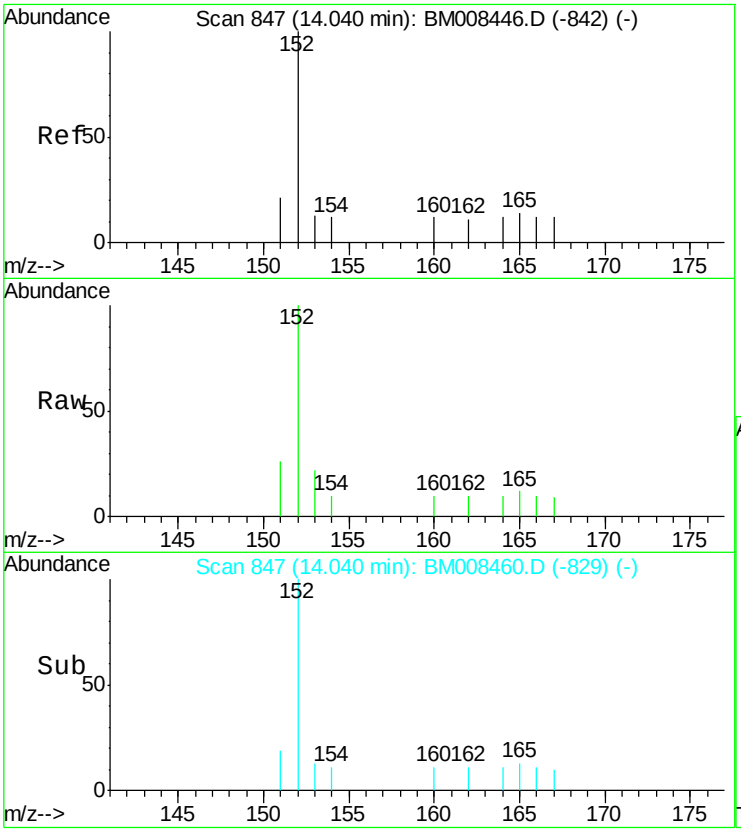


#5
2-Methylnaphthalene
Concen: 0.38 ng/ul
RT: 12.17 min Scan# 669
Delta R.T. -0.00 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Tgt Ion:142 Resp: 690

Ion	Ratio	Lower	Upper
142	100		
141	95.4	72.6	108.8



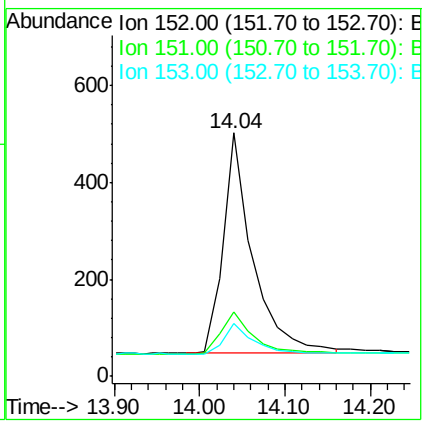


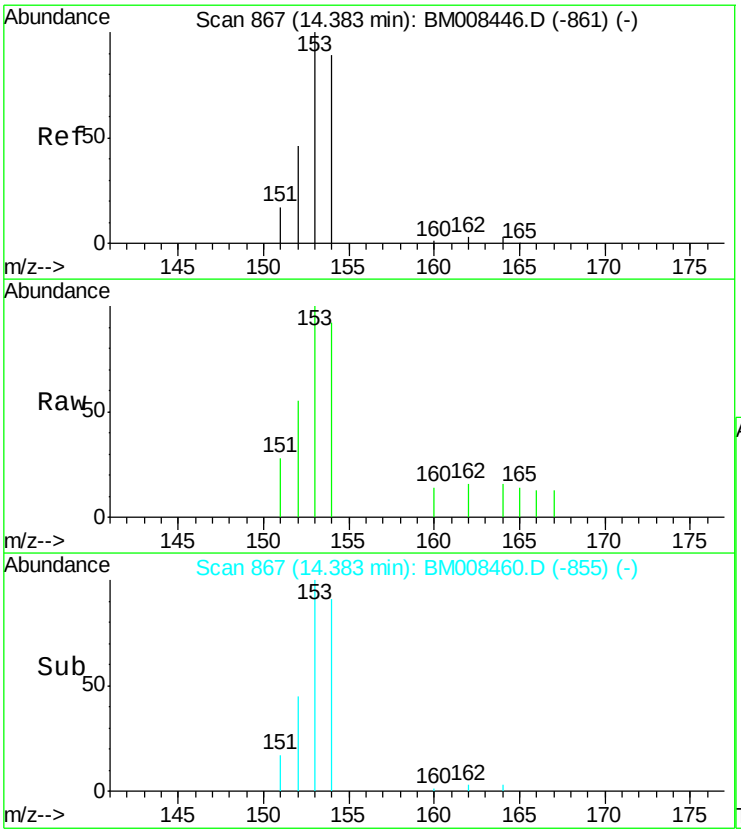
#7
Acenaphthylene
Concen: 0.40 ng/ul
RT: 14.04 min Scan# 847
Delta R.T. -0.00 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.448

Tgt Ion:152 Resp: 1023

Ion	Ratio	Lower	Upper
152	100		
151	26.3	17.1	25.7#
153	21.7	12.8	19.2#

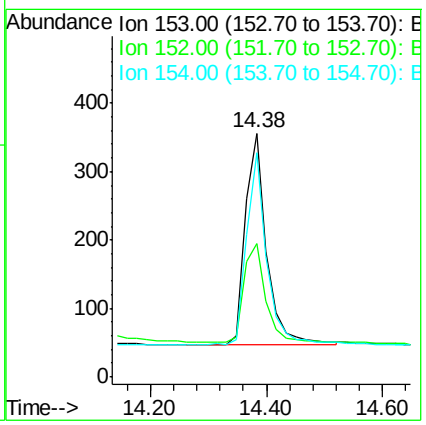


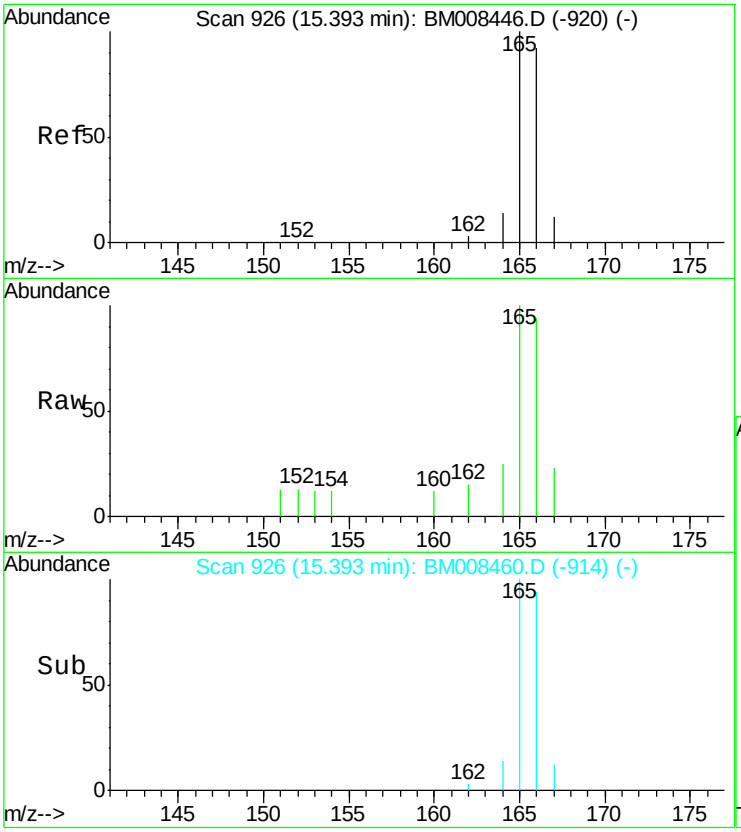


#8
Acenaphthene
Concen: 0.41 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.00 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Tgt Ion:153 Resp: 790

Ion	Ratio	Lower	Upper
153	100		
152	54.8	40.3	60.5
154	91.9	71.4	107.2



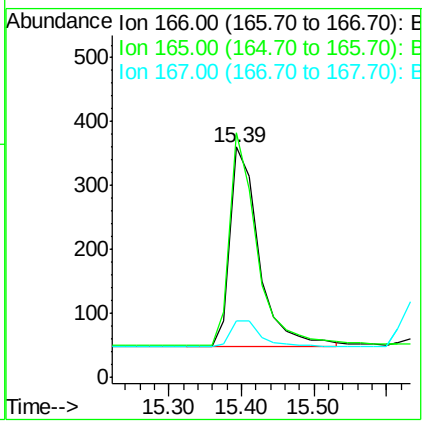


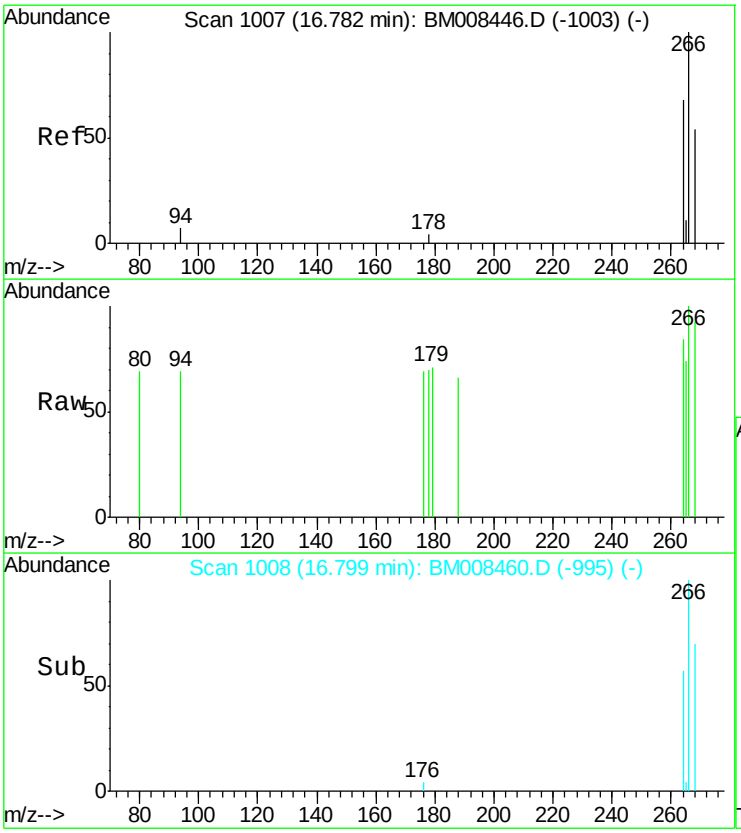
#9
Fluorene
Concen: 0.40 ng/ul
RT: 15.39 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.448

Tgt Ion:166 Resp: 863

Ion	Ratio	Lower	Upper
166	100		
165	106.1	73.4	110.2
167	24.4	14.6	22.0#

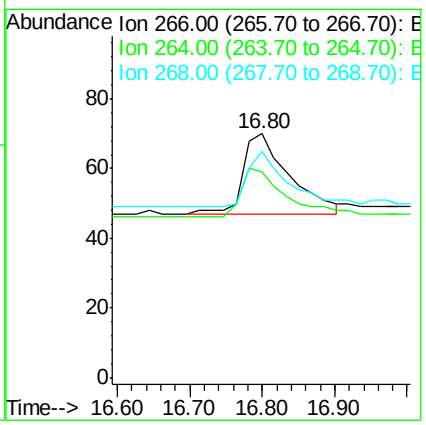


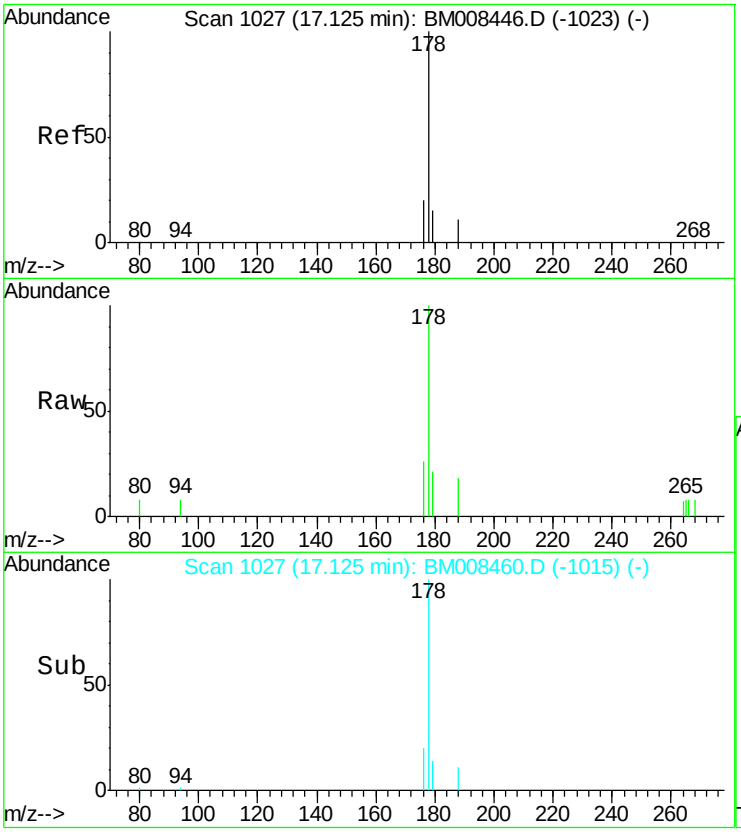


#11
Pentachlorophenol
Concen: 0.31 ng/ul
RT: 16.80 min Scan# 1008
Delta R.T. 0.02 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Tgt Ion:266 Resp: 102

Ion	Ratio	Lower	Upper
266	100		
264	58.8	47.9	71.9
268	59.8	49.8	74.8



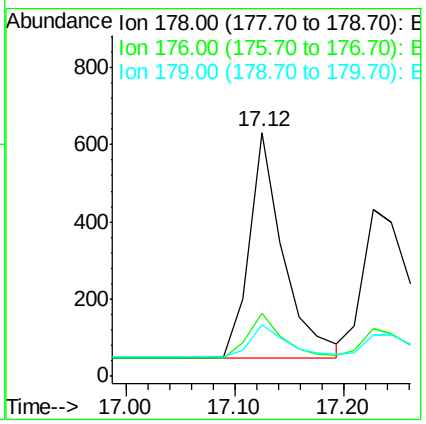


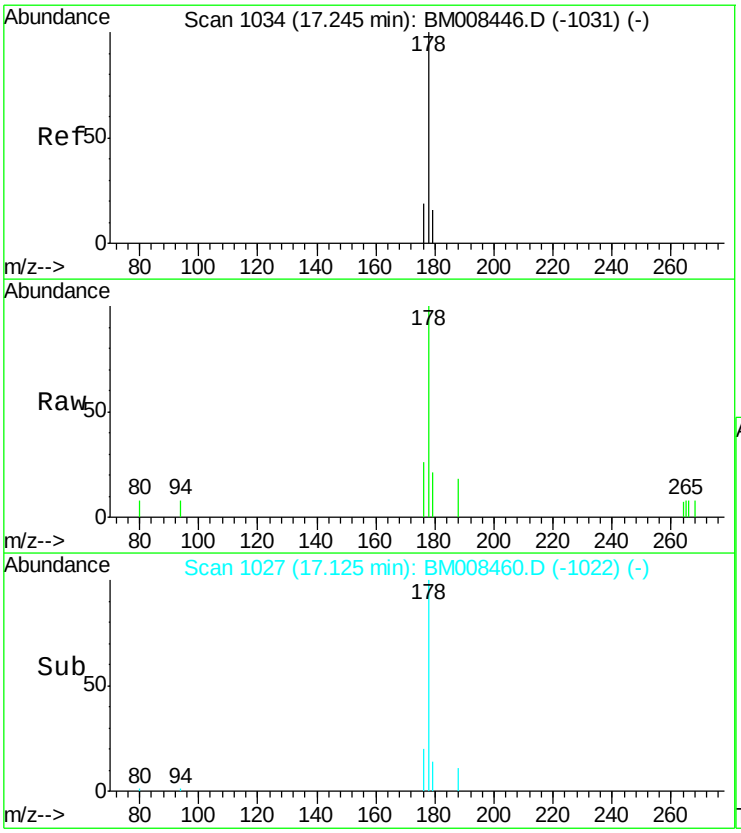
#12
Phenanthrene
Concen: 0.39 ng/ul
RT: 17.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.448

Tgt Ion:178 Resp: 1261

Ion	Ratio	Lower	Upper
178	100		
176	26.0	18.4	27.6
179	21.4	13.6	20.4#

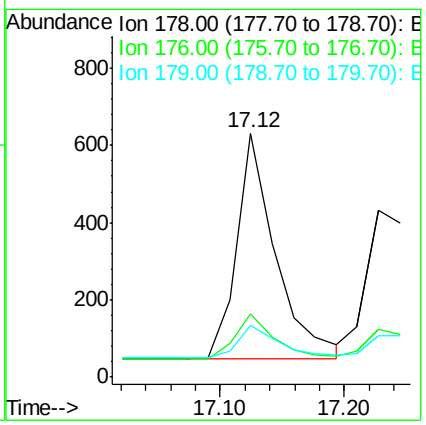


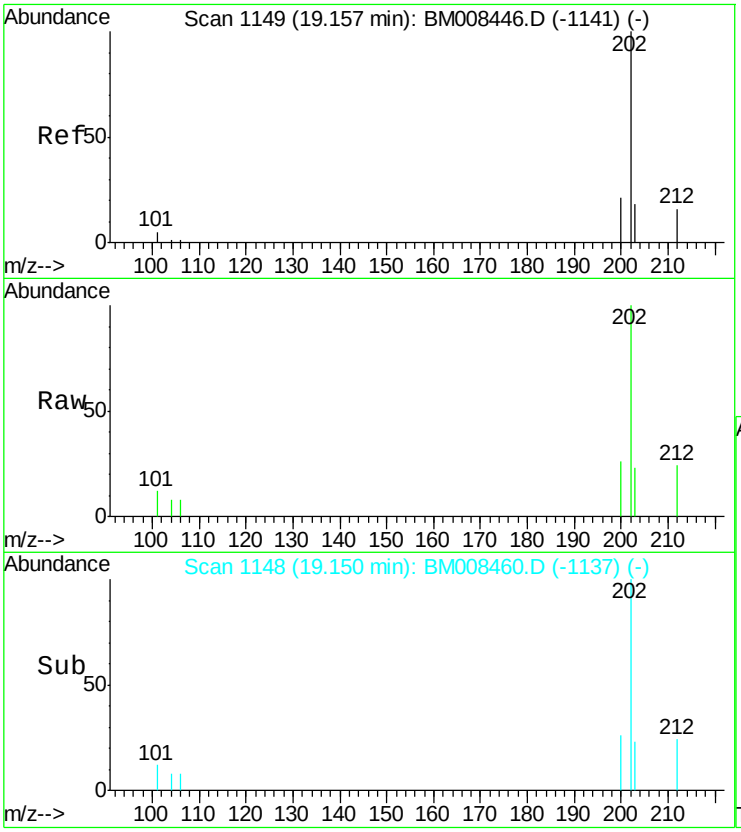


#13
Anthracene
Concen: 0.40 ng/ul
RT: 17.12 min Scan# 1027
Delta R.T. -0.12 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Tgt Ion:178 Resp: 1261

Ion	Ratio	Lower	Upper
178	100		
176	26.0	18.1	27.1
179	21.4	14.7	22.1



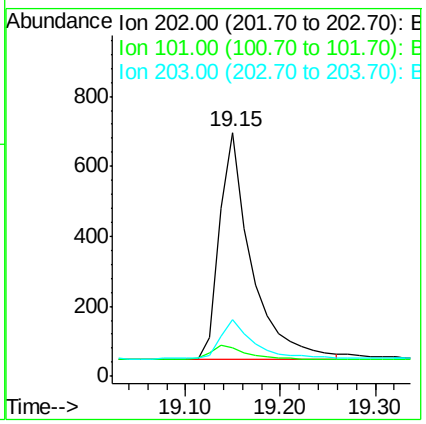


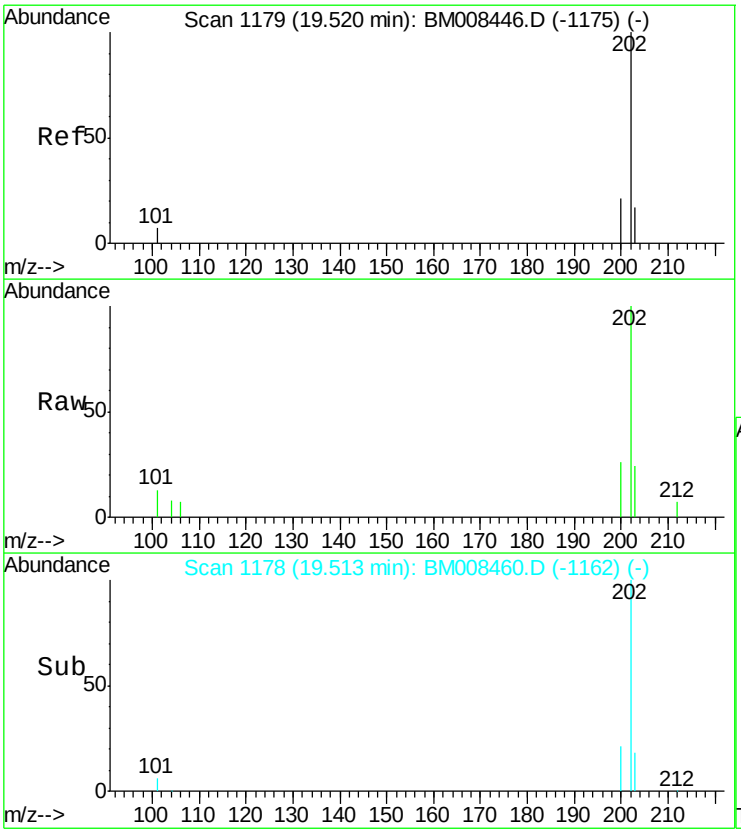
#15
Fluoranthene
Concen: 0.38 ng/ul
RT: 19.15 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.448

Tgt Ion:202 Resp: 1510

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.3
203	23.4	0.0	39.5

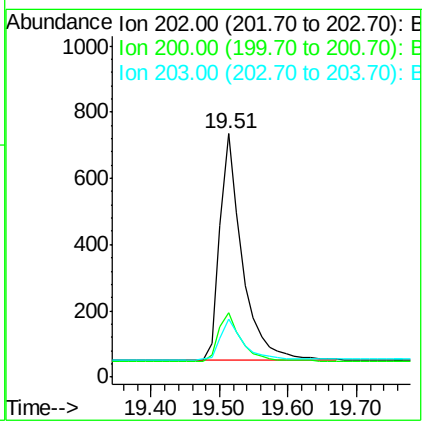


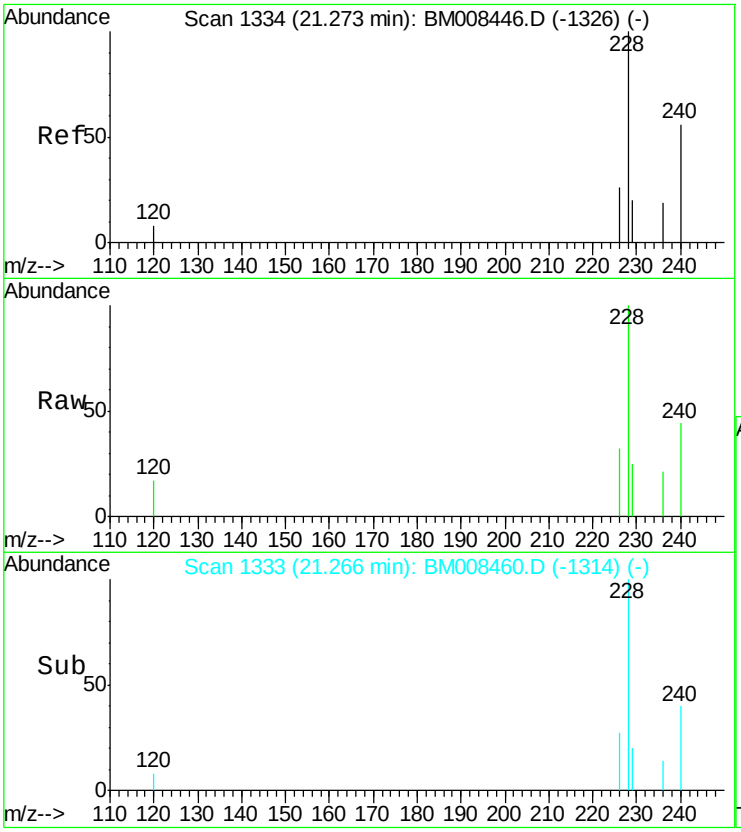


#17
Pyrene
Concen: 0.42 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Tgt Ion:202 Resp: 1567

Ion	Ratio	Lower	Upper
202	100		
200	26.4	18.2	27.4
203	23.8	15.6	23.4#



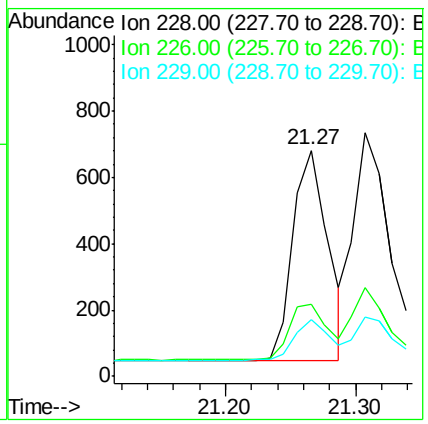


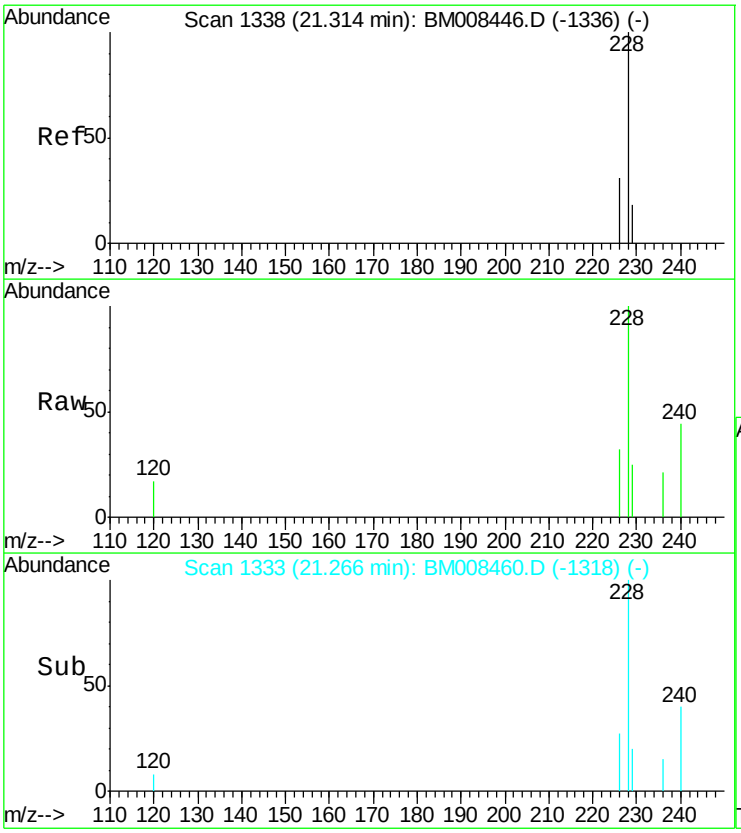
#18
Benzo(a)anthracene
Concen: 0.38 ng/ul
RT: 21.27 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.448

Tgt Ion:228 Resp: 1181

Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.8	34.2
229	25.4	17.0	25.6

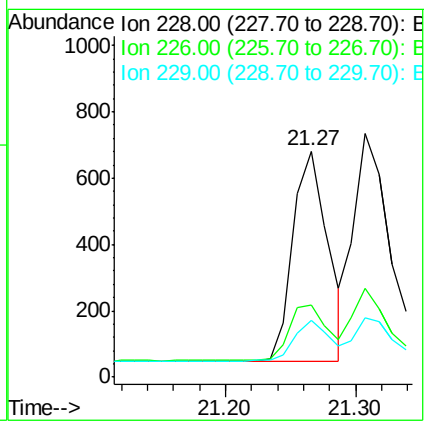


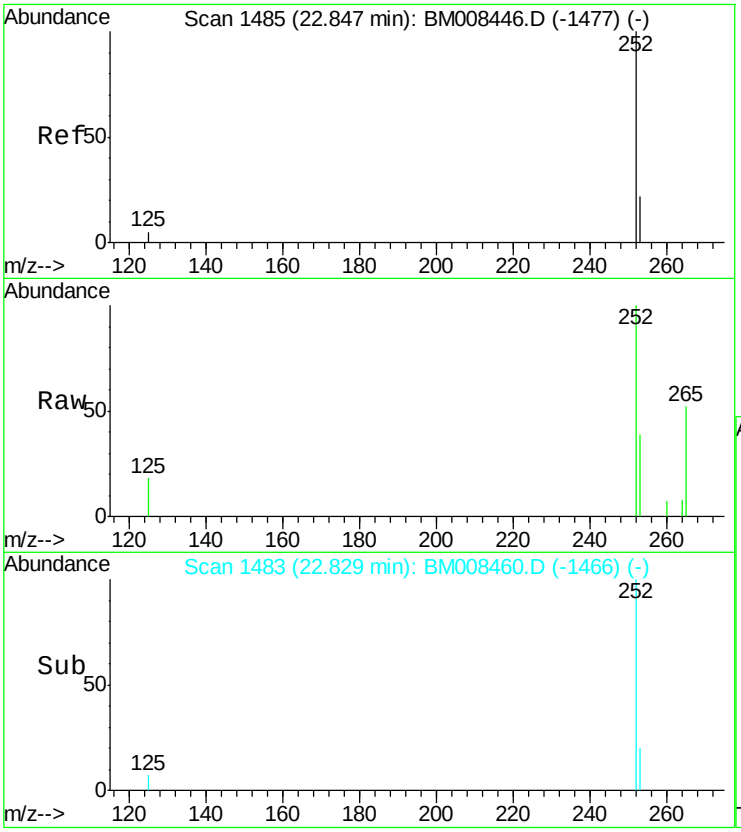


#19
Chrysene
Concen: 0.34 ng/ul
RT: 21.27 min Scan# 1333
Delta R.T. -0.05 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Tgt Ion:228 Resp: 1181

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.4	35.0
229	25.4	17.7	26.5



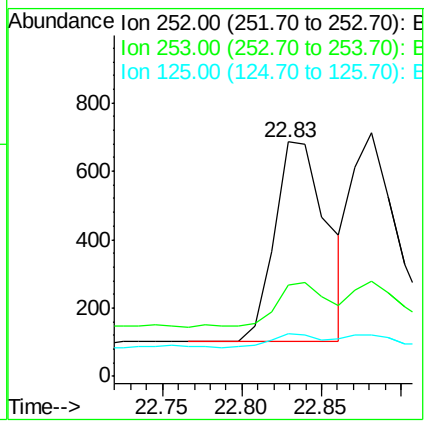


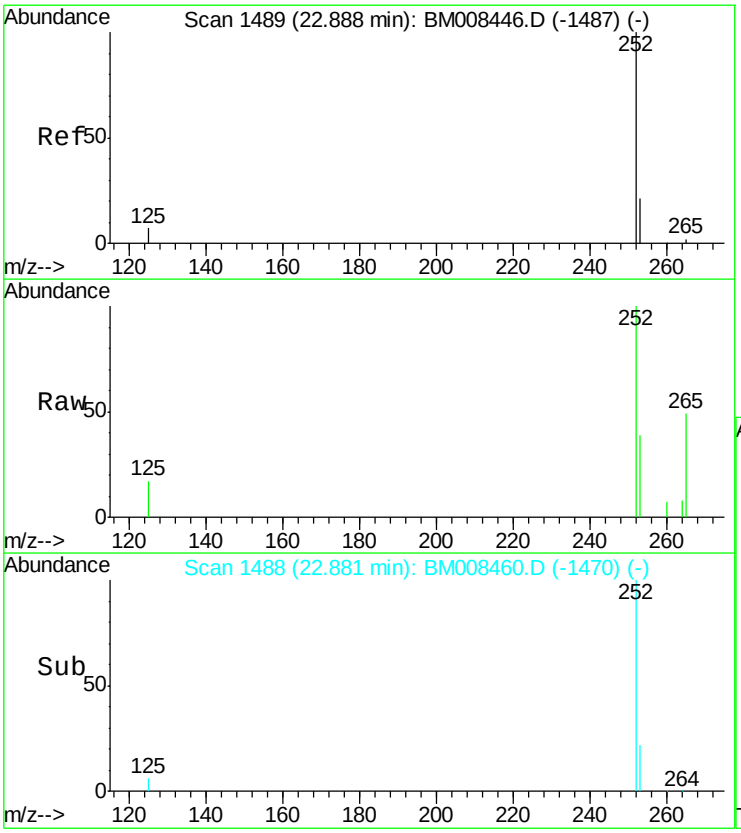
#21
Benzo(b)fluoranthene
Concen: 0.39 ng/ul
RT: 22.83 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.448

Tgt Ion:252 Resp: 1342

Ion	Ratio	Lower	Upper
252	100		
253	38.8	0.0	64.2
125	18.4	0.0	35.0

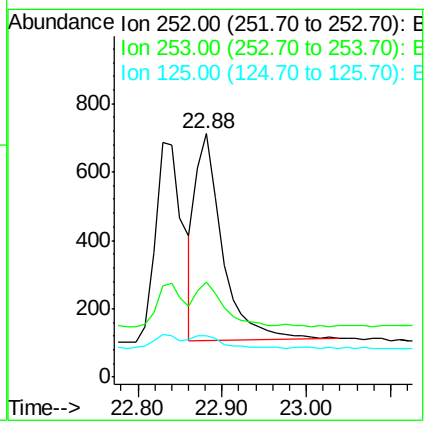


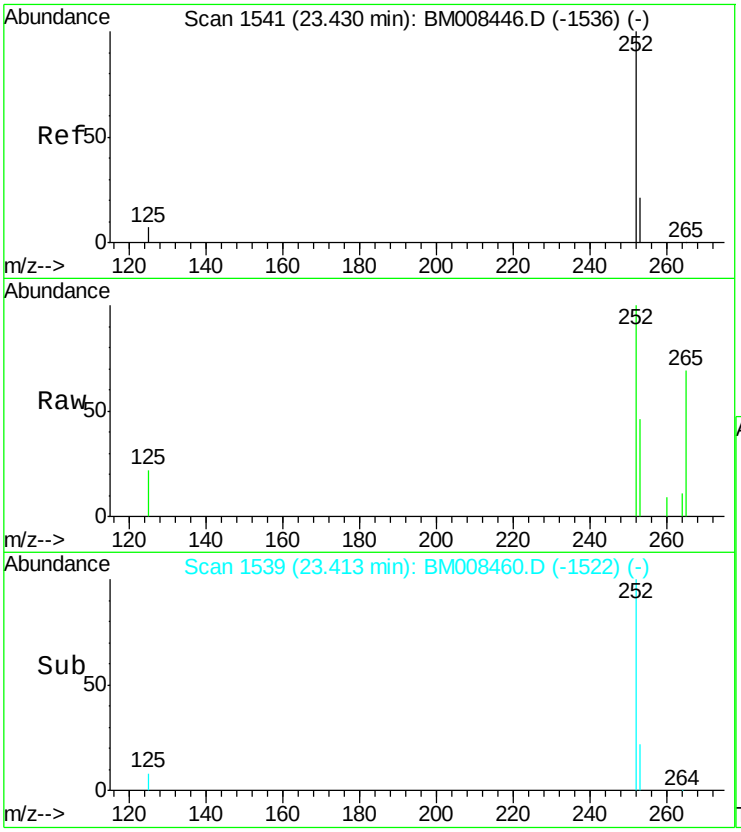


#22
Benzo(k)fluoranthene
Concen: 0.40 ng/ul
RT: 22.88 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Tgt Ion:252 Resp: 1325

Ion	Ratio	Lower	Upper
252	100		
253	39.2	24.5	36.7#
125	17.0	13.7	20.5



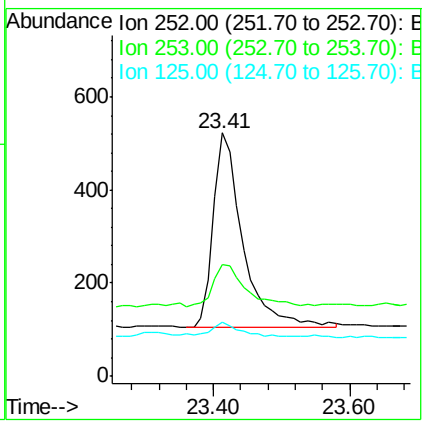


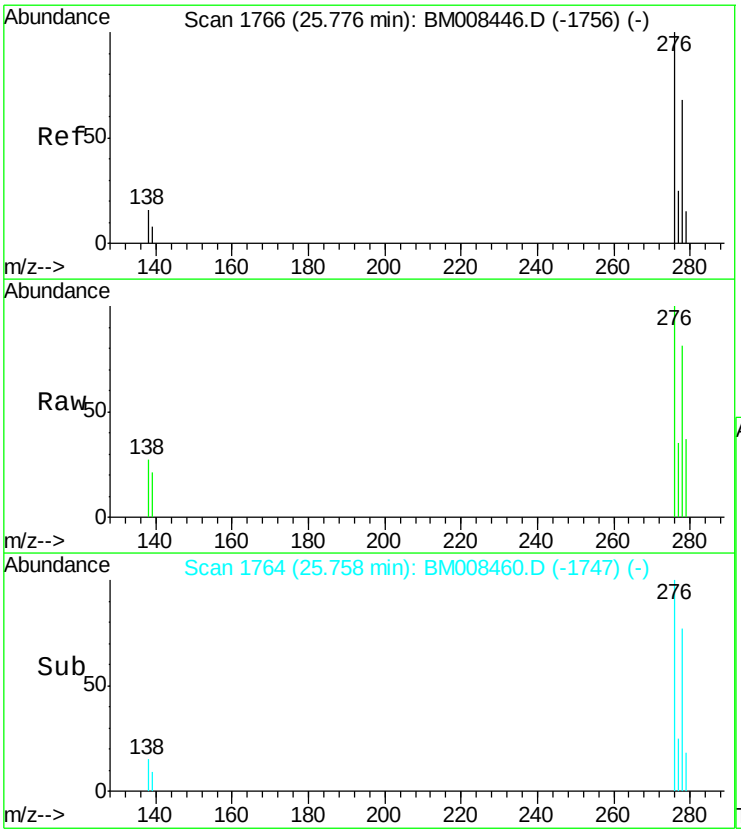
#23
Benzo(a)pyrene
Concen: 0.39 ng/ul
RT: 23.41 min Scan# 1539
Delta R.T. -0.02 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.448

Tgt Ion:252 Resp: 1241

Ion	Ratio	Lower	Upper
252	100		
253	45.9	28.5	42.7#
125	22.2	18.1	27.1

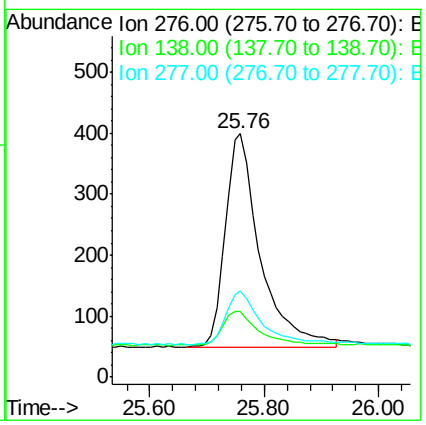


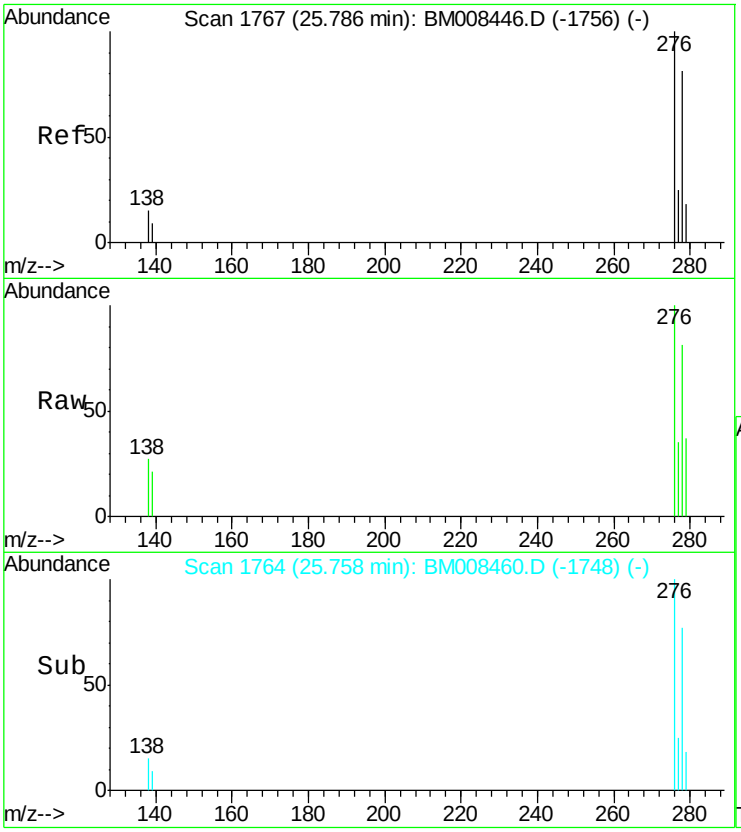


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Tgt Ion:276 Resp: 1488

Ion	Ratio	Lower	Upper
276	100		
138	16.1	19.1	28.7#
277	25.7	19.6	29.4



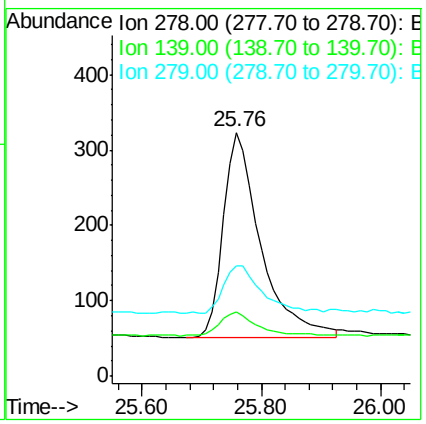


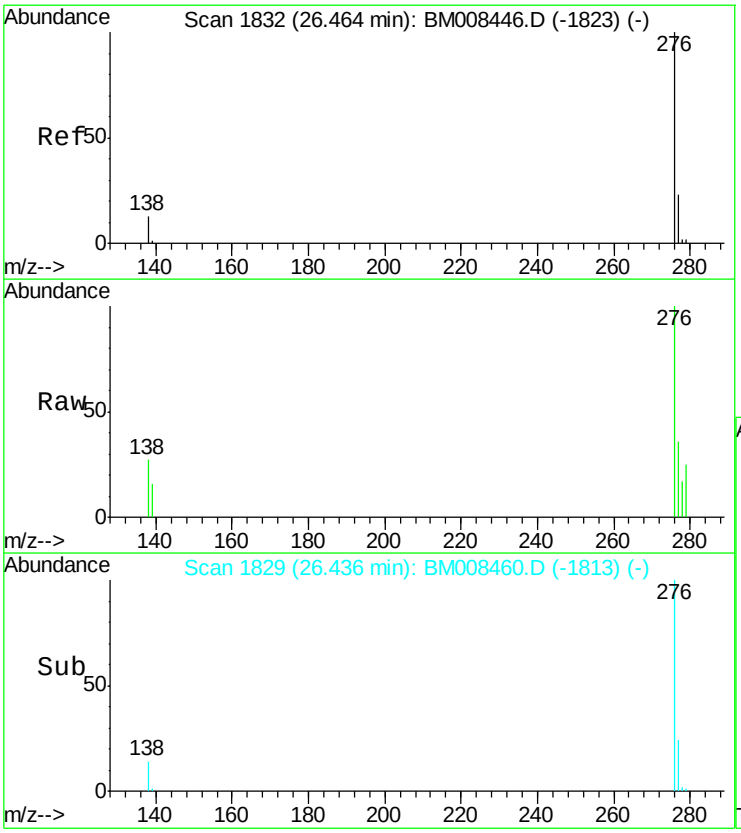
#25
Dibenzo(a,h)anthracene
Concen: 0.39 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.03 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.448

Tgt Ion:278 Resp: 1190

Ion	Ratio	Lower	Upper
278	100		
139	26.3	17.4	26.0#
279	45.5	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.40 ng/ul
RT: 26.44 min Scan# 1829
Delta R.T. -0.03 min
Lab File: BM008460.D
Acq: 20 Dec 2016 02:25

Tgt Ion:276 Resp: 1294

Ion	Ratio	Lower	Upper
276	100		
277	35.9	21.8	32.8#
138	26.7	20.5	30.7