Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008155.D
Acq On : 02 Dec 2016 14:28
Operator : UM/SJ
Sample : H5730-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WH4

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Quant Time: Dec 02 17:37:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 15:28:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	617	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.48	136	2051	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	1138	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	1974m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.28	240	1936	0.40	ng/ul	-0.01
20) Perylene-d12	23.52	264	1663m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.08	152	684	0.24	ng/ul	-0.01
14) Fluoranthene-d10	19.12	212	1305	0.23	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.52	128	319	0.06	ng/ul#	58
8) Acenaphthene	14.38	153	145	0.04	ng/ul#	84
9) Fluorene	15.39	166	210	0.05	ng/ul#	89
12) Phenanthrene	17.12	178	4619	0.75	ng/ul	94
13) Anthracene	17.21	178	848	0.15	ng/ul#	86
15) Fluoranthene	19.14	202	9009	1.14	ng/ul	95
17) Pyrene	19.51	202	11428	1.70	ng/ul	99
18) Benzo(a)anthracene	21.26	228	4931	0.83	ng/ul	99
19) Chrysene	21.31	228	5655	0.77	ng/ul	95
21) Benzo(b)fluoranthene	22.85	252	5690m	0.86	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	1239m	0.18	ng/ul	
23) Benzo(a)pyrene	23.41	252	4305m	0.69	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.77	276	2473m	0.32	ng/ul	
25) Dibenzo(a,h)anthracene	25.77	278	929m	0.15	ng/ul	
26) Benzo(g,h,i)perylene	26.45	276	2352m	0.34	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008155.D
Acq On : 02 Dec 2016 14:28
Operator : UM/SJ
Sample : H5730-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 02 17:37:05 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 15:28:31 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WH4

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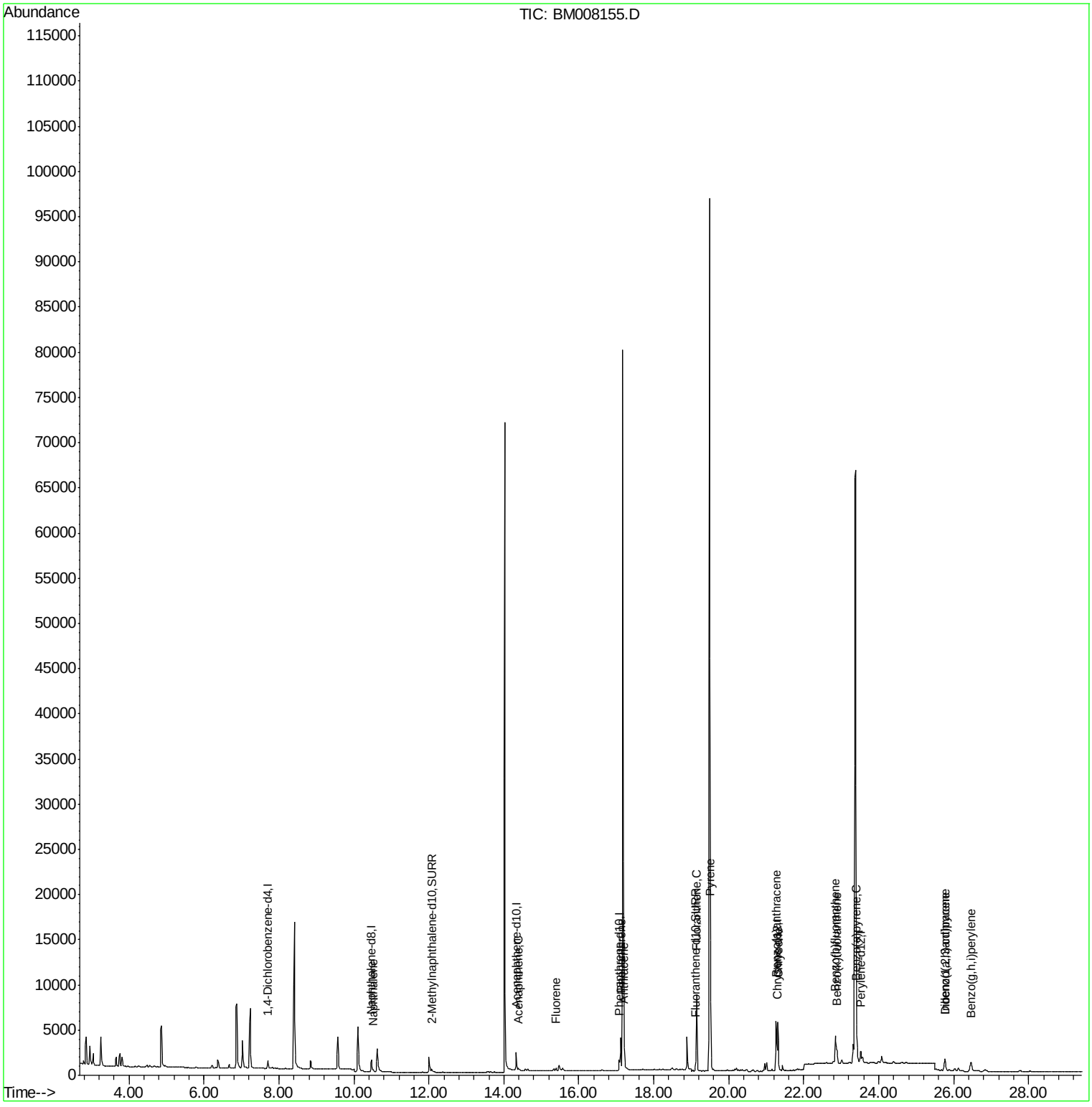
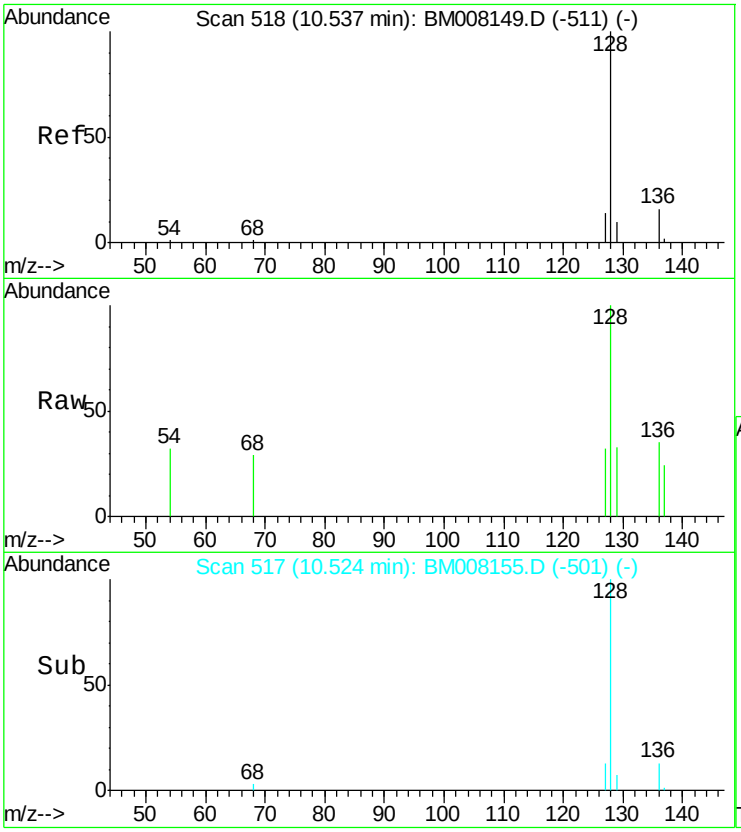
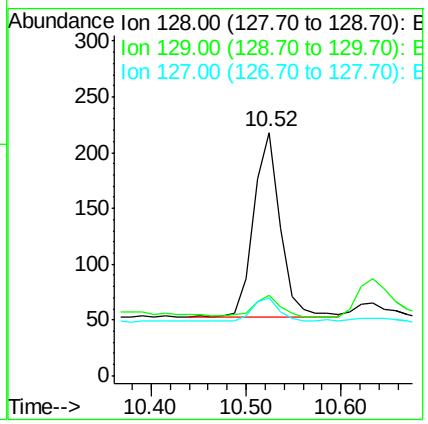




#3
Naphthalene
Concen: 0.06 ng/ul
RT: 10.52 min Scan# 517
Delta R.T. -0.01 min
Lab File: BM008155.D
Acq: 02 Dec 2016 14:28

Tgt Ion:128 Resp: 319

Ion	Ratio	Lower	Upper
128	100		
129	33.0	11.3	16.9#
127	32.1	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
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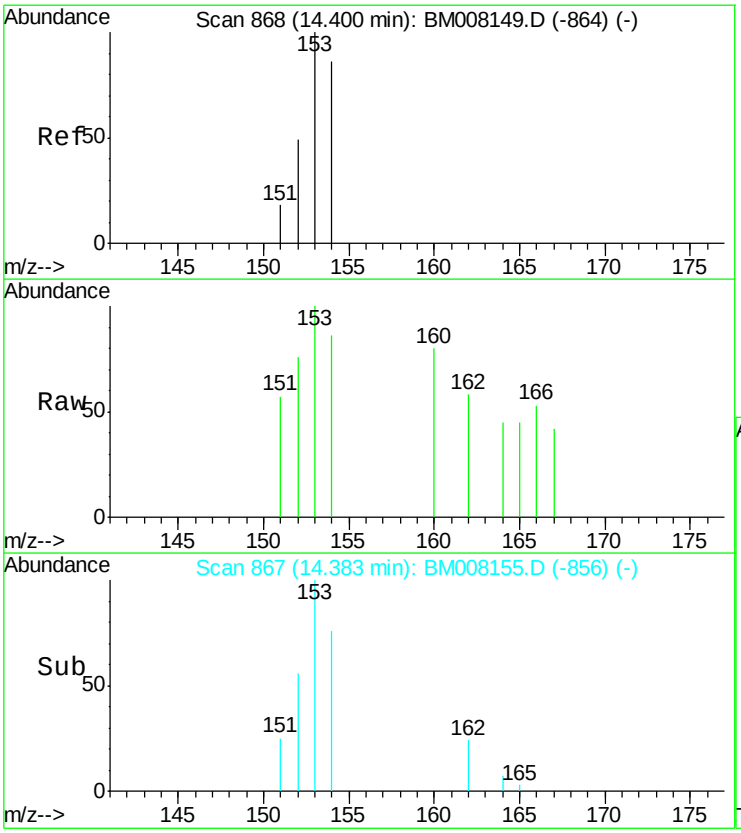
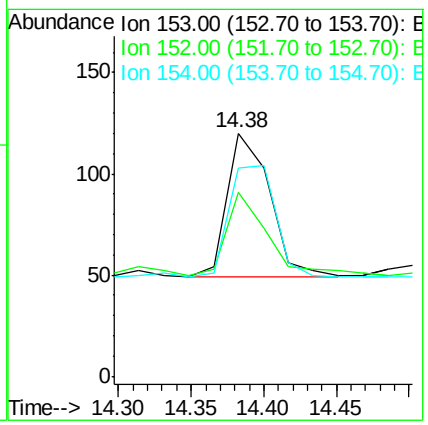
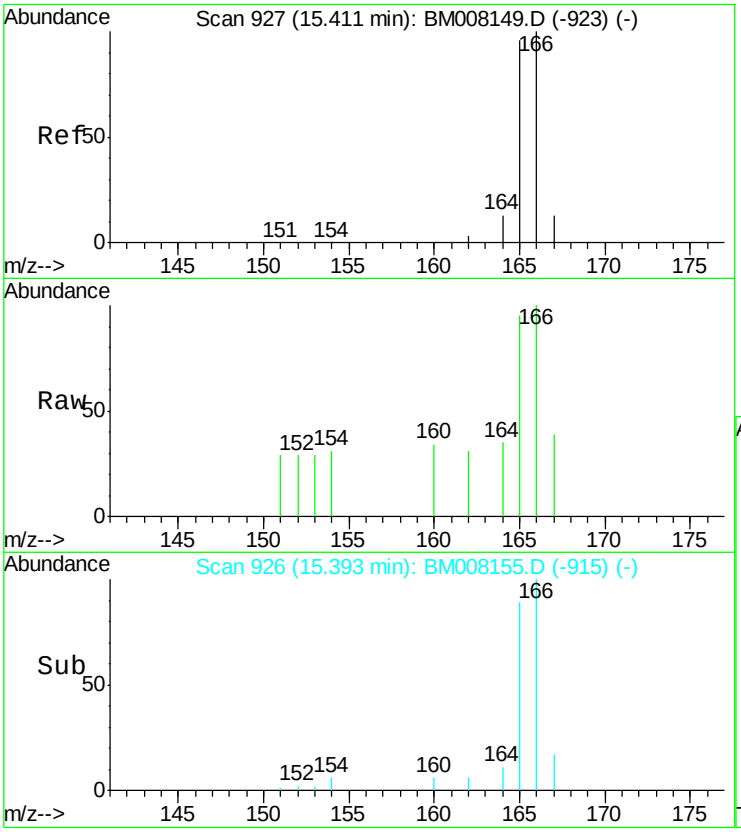


#8
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.02 min
Lab File: BM008155.D
Acq: 02 Dec 2016 14:28

Tgt Ion:153 Resp: 145

Ion	Ratio	Lower	Upper
153	100		
152	75.8	40.3	60.5#
154	85.8	71.4	107.2

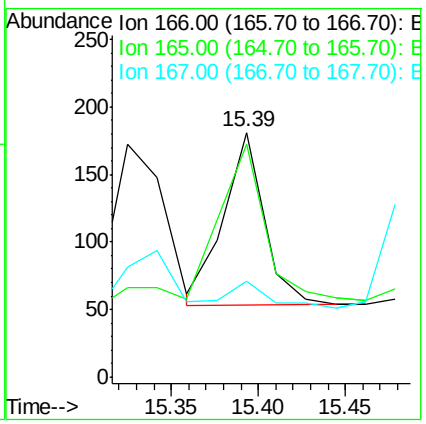




#9
Fluorene
Concen: 0.05 ng/ul
RT: 15.39 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM008155.D
Acq: 02 Dec 2016 14:28

Tgt Ion:166 Resp: 210

Ion	Ratio	Lower	Upper
166	100		
165	95.0	73.4	110.2
167	39.2	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
A4WH4

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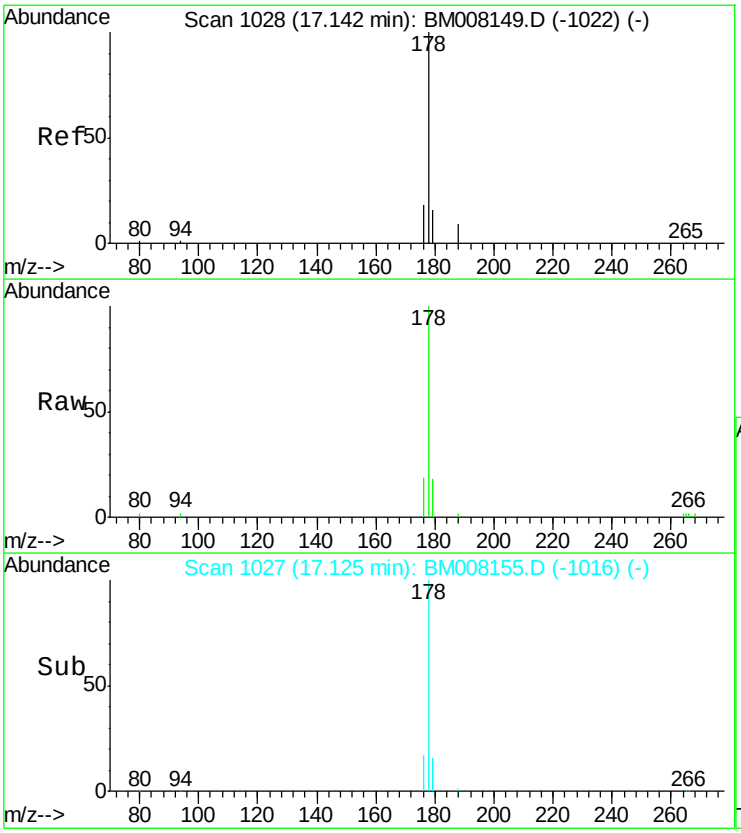
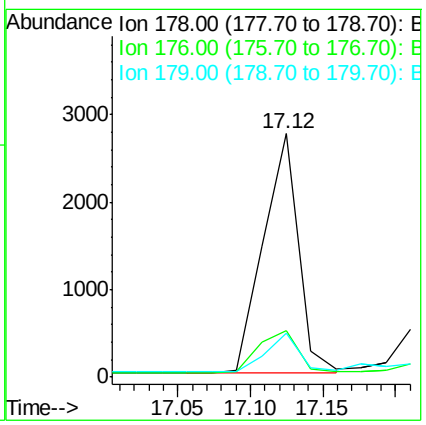
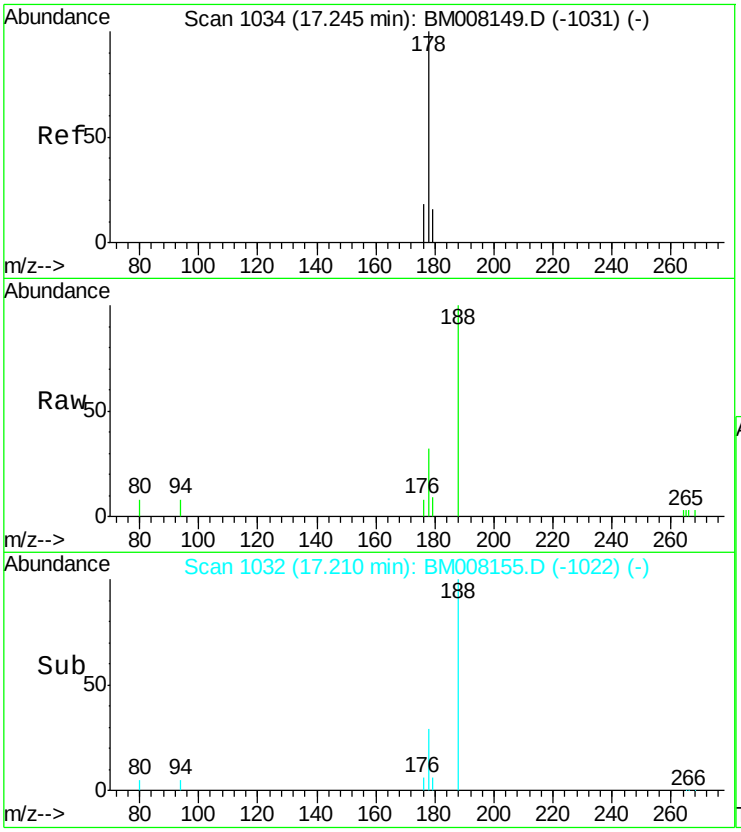


#12
Phenanthrene
Concen: 0.75 ng/ul
RT: 17.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BM008155.D
Acq: 02 Dec 2016 14:28

Tgt Ion:178 Resp: 4619

Ion	Ratio	Lower	Upper
178	100		
176	18.9	18.4	27.6
179	18.3	13.6	20.4

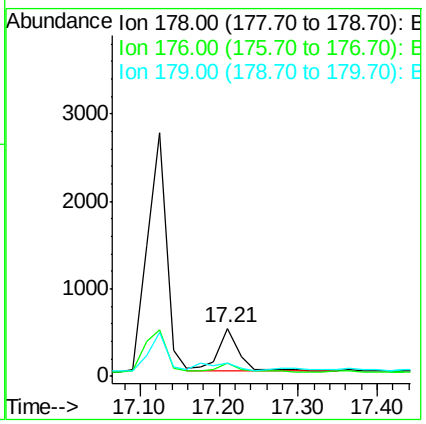




#13
Anthracene
Concen: 0.15 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BM008155.D
Acq: 02 Dec 2016 14:28

Tgt Ion:178 Resp: 848

Ion	Ratio	Lower	Upper
178	100		
176	26.6	18.1	27.1
179	27.7	14.7	22.1#



Instrument :
BNA_M
ClientSampleId :
A4WH4

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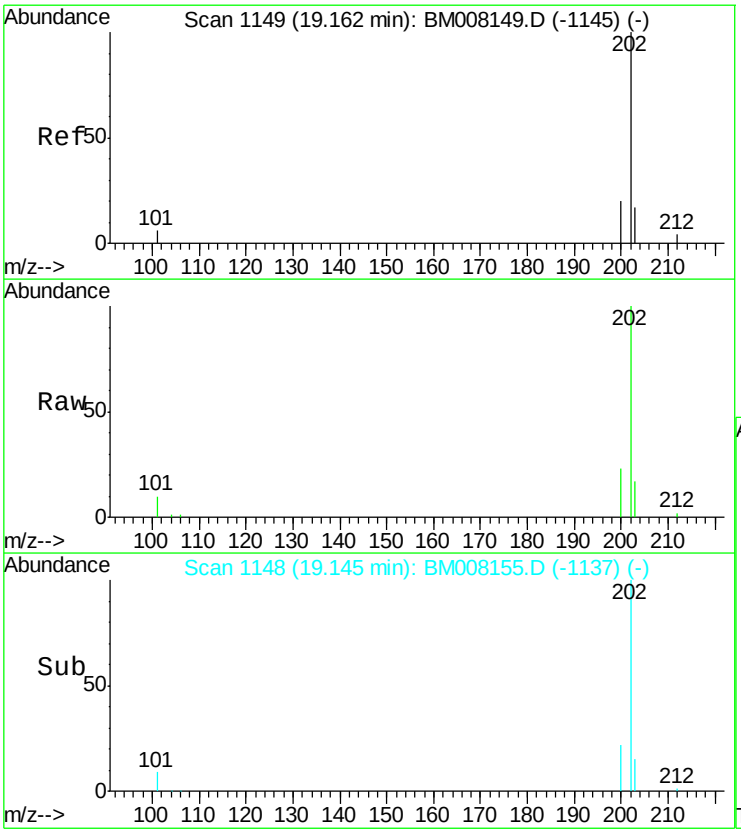
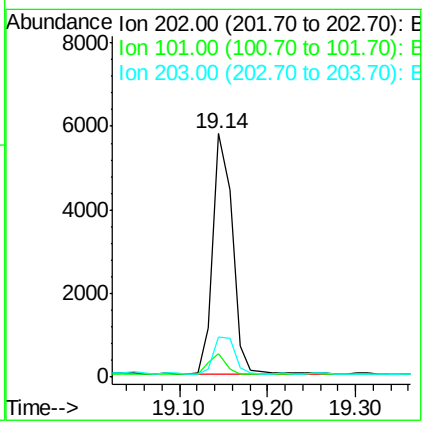
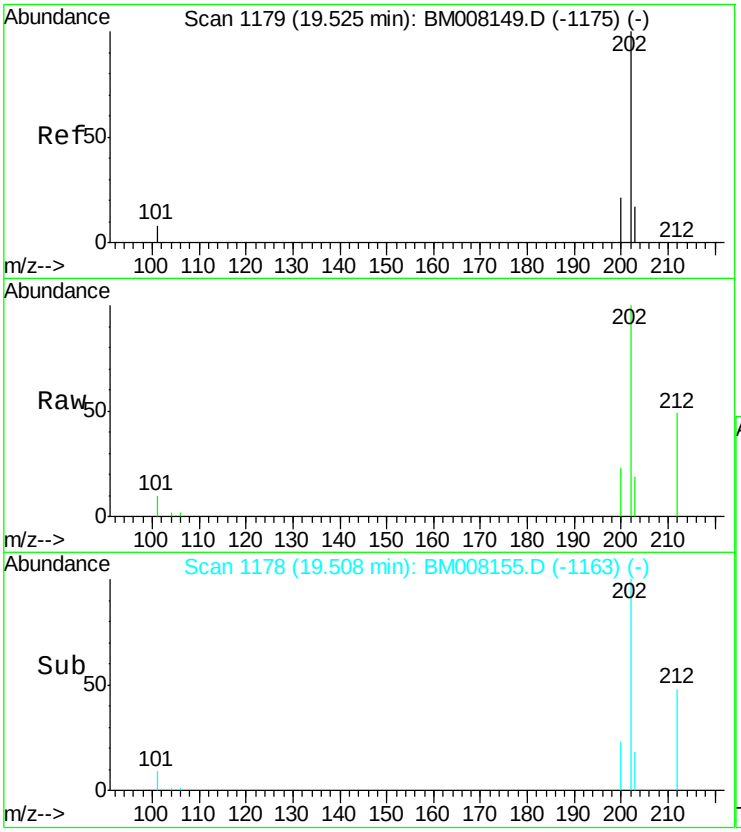


#15
Fluoranthene
Concen: 1.14 ng/ul
RT: 19.14 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BM008155.D
Acq: 02 Dec 2016 14:28

Tgt Ion:202 Resp: 9009

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.3
203	16.5	0.0	39.5

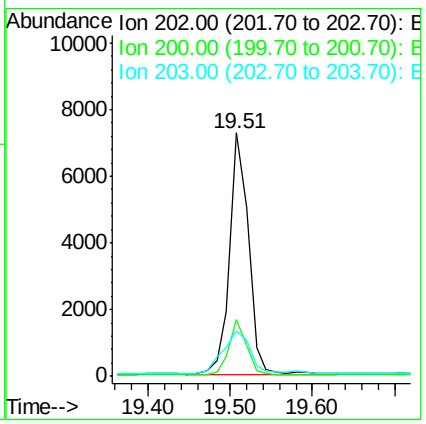




#17
Pyrene
Concen: 1.70 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BM008155.D
Acq: 02 Dec 2016 14:28

Tgt Ion:202 Resp: 11428

Ion	Ratio	Lower	Upper
202	100		
200	23.1	18.2	27.4
203	18.7	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
A4WH4

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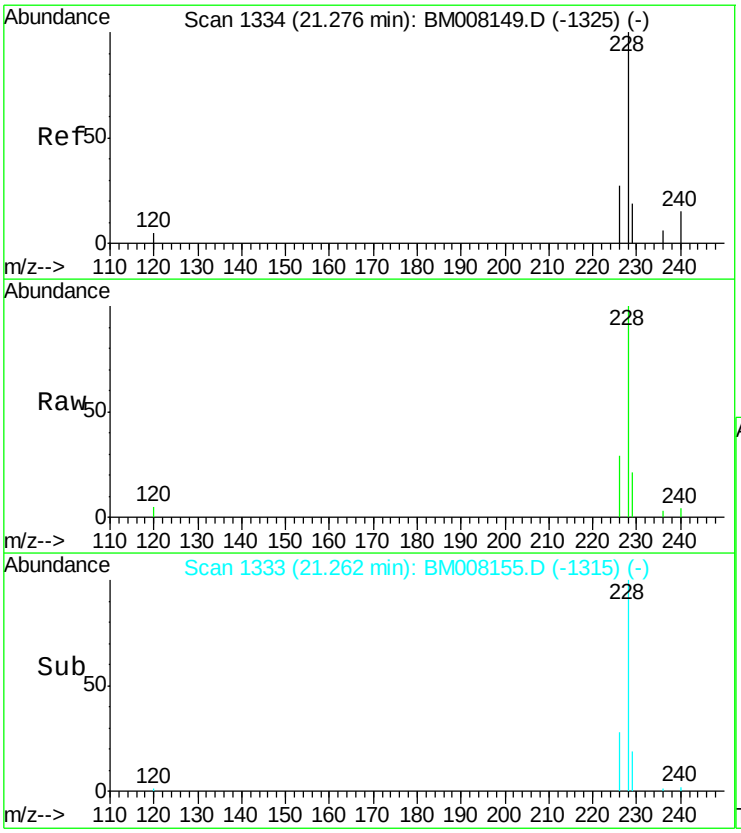
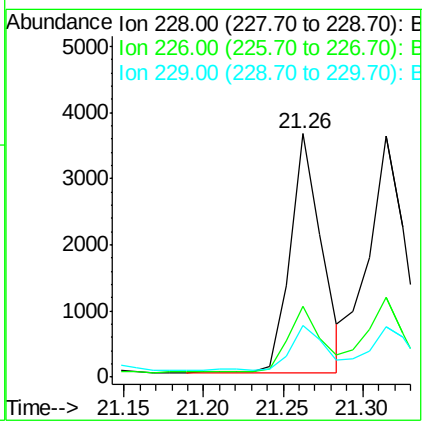
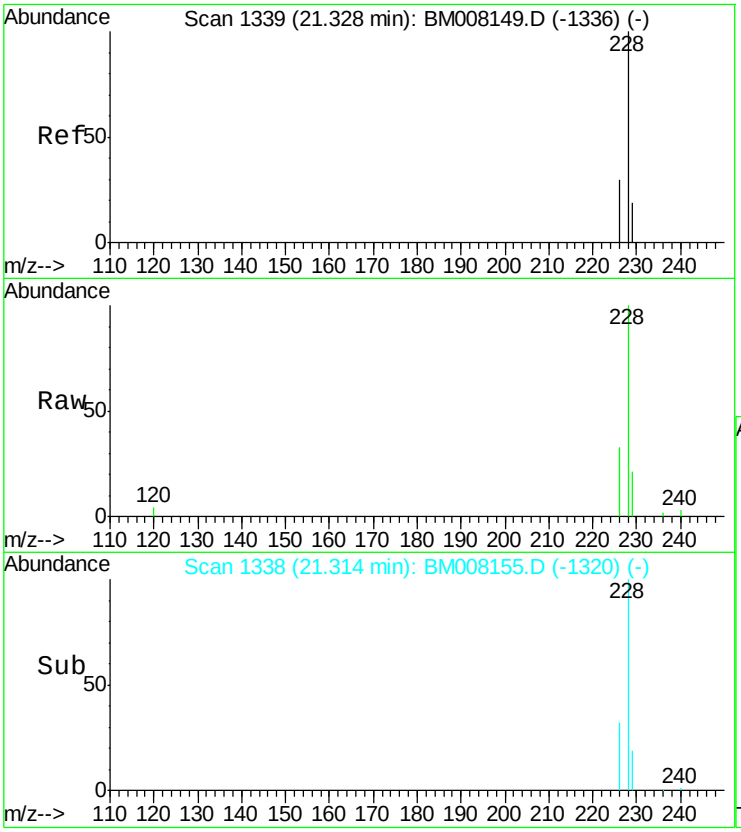


#18
Benzo(a)anthracene
Concen: 0.83 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BM008155.D
Acq: 02 Dec 2016 14:28

Tgt Ion:228 Resp: 4931

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.8	34.2
229	21.4	17.0	25.6

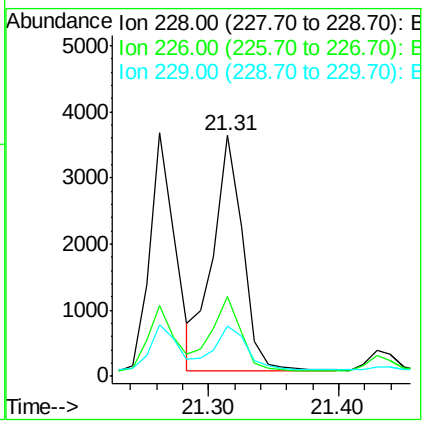




#19
Chrysene
Concen: 0.77 ng/ul
RT: 21.31 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BM008155.D
Acq: 02 Dec 2016 14:28

Tgt Ion:228 Resp: 5655

Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.4	35.0
229	20.9	17.7	26.5



Instrument :
BNA_M
ClientSampleId :
A4WH4

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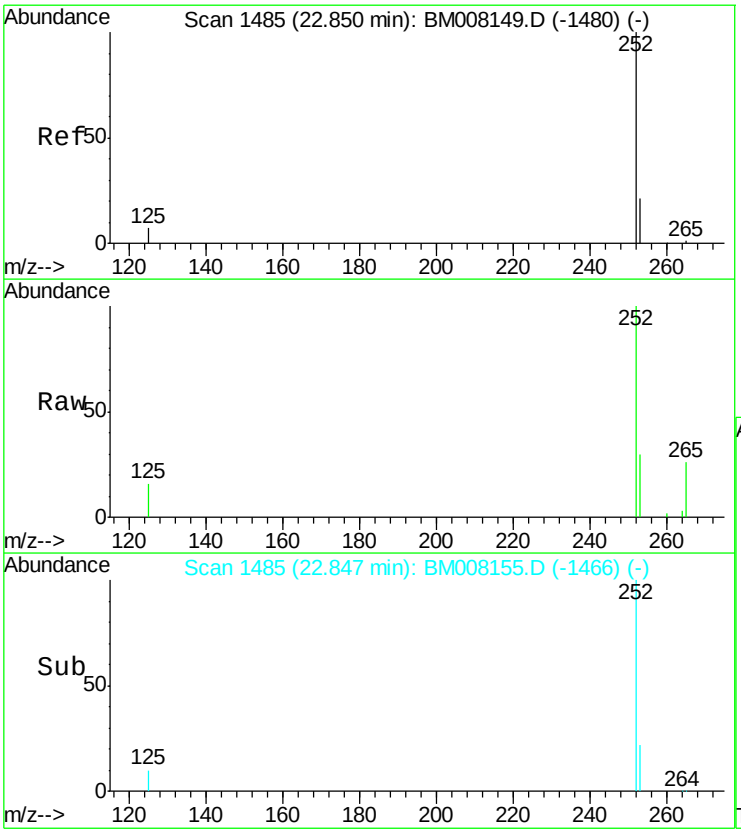
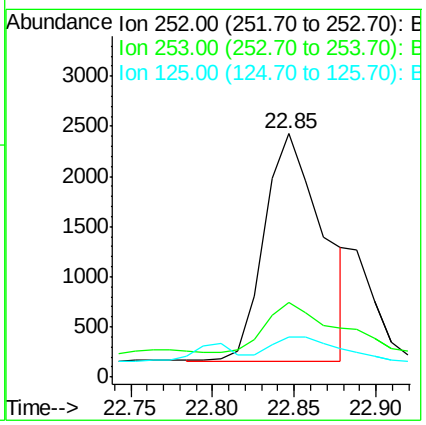
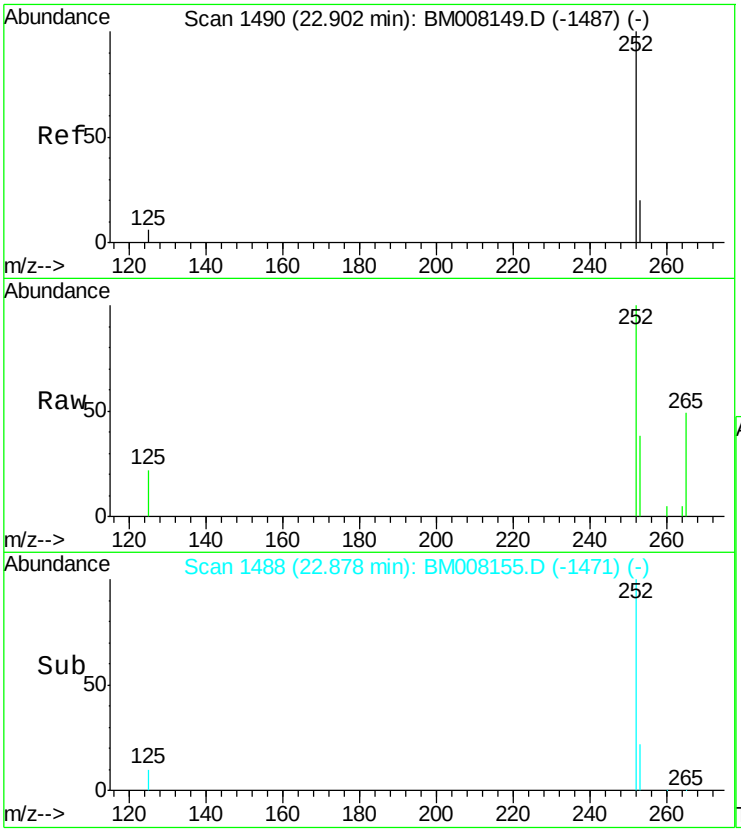


#21
Benzo(b)fluoranthene
Concen: 0.86 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BM008155.D
Acq: 02 Dec 2016 14:28

Tgt Ion:252 Resp: 5690

Ion	Ratio	Lower	Upper
252	100		
253	30.4	0.0	64.2
125	16.3	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.18 ng/ul m
RT: 22.88 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BM008155.D
Acq: 02 Dec 2016 14:28

Tgt Ion:252 Resp: 1239

Ion	Ratio	Lower	Upper
252	100		
253	37.6	24.5	36.7#
125	21.6	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
A4WH4

Manual Integrations APPROVED
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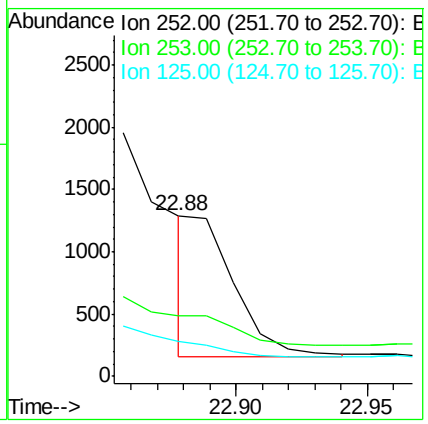
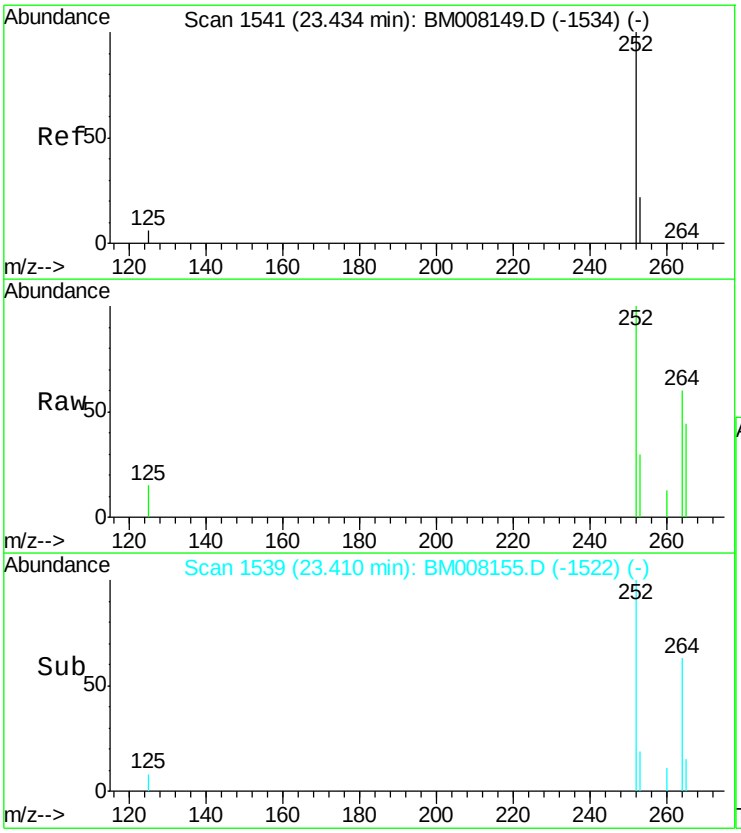
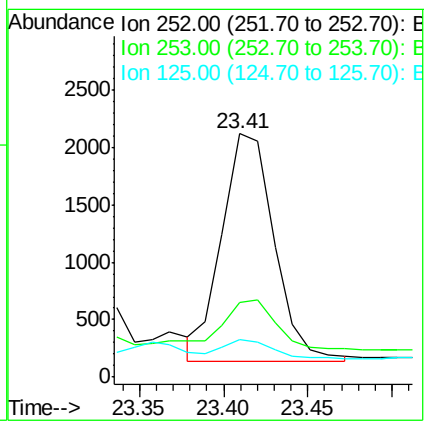


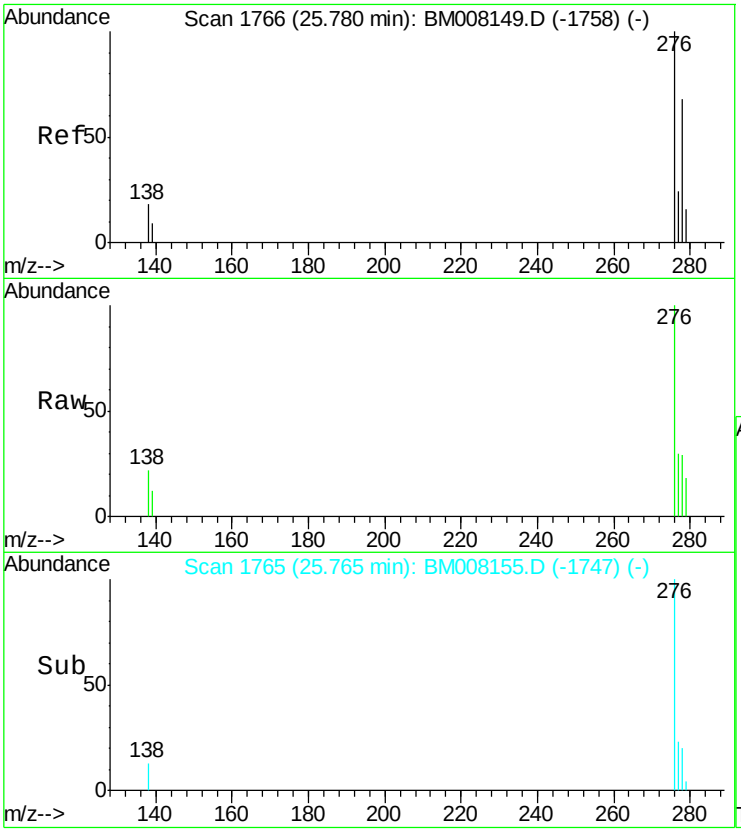


#23
Benzo(a)pyrene
Concen: 0.69 ng/ul m
RT: 23.41 min Scan# 1539
Delta R.T. -0.02 min
Lab File: BM008155.D
Acq: 02 Dec 2016 14:28

Tgt Ion:252 Resp: 4305

Ion	Ratio	Lower	Upper
252	100		
253	30.5	28.5	42.7
125	15.2	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.32 ng/ul m
RT: 25.77 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BM008155.D
Acq: 02 Dec 2016 14:28

Tgt Ion:276 Resp: 2473

Ion	Ratio	Lower	Upper
276	100		
138	42.1	19.1	28.7#
277	47.8	19.6	29.4#

Instrument :
BNA_M
ClientSampleId :
A4WH4

Manual Integrations APPROVED
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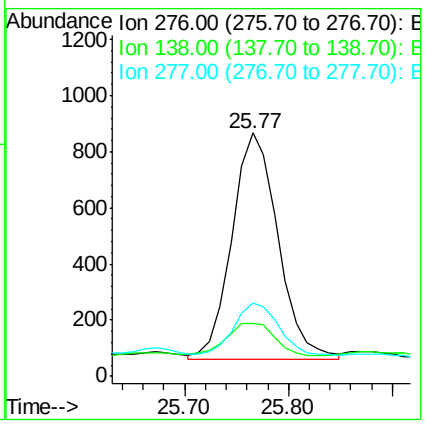
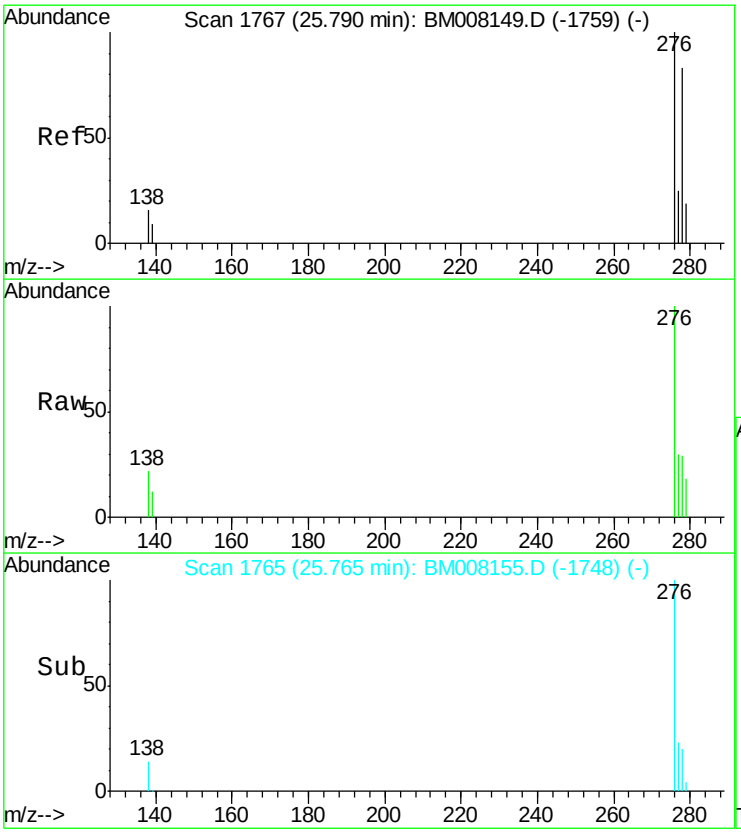
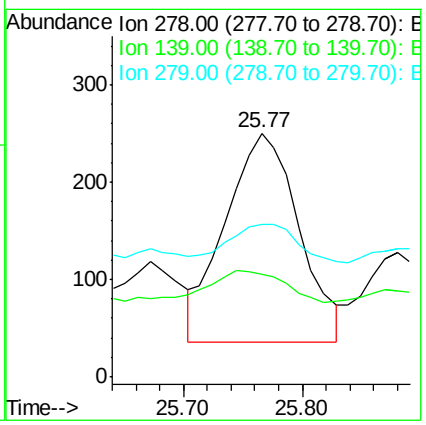


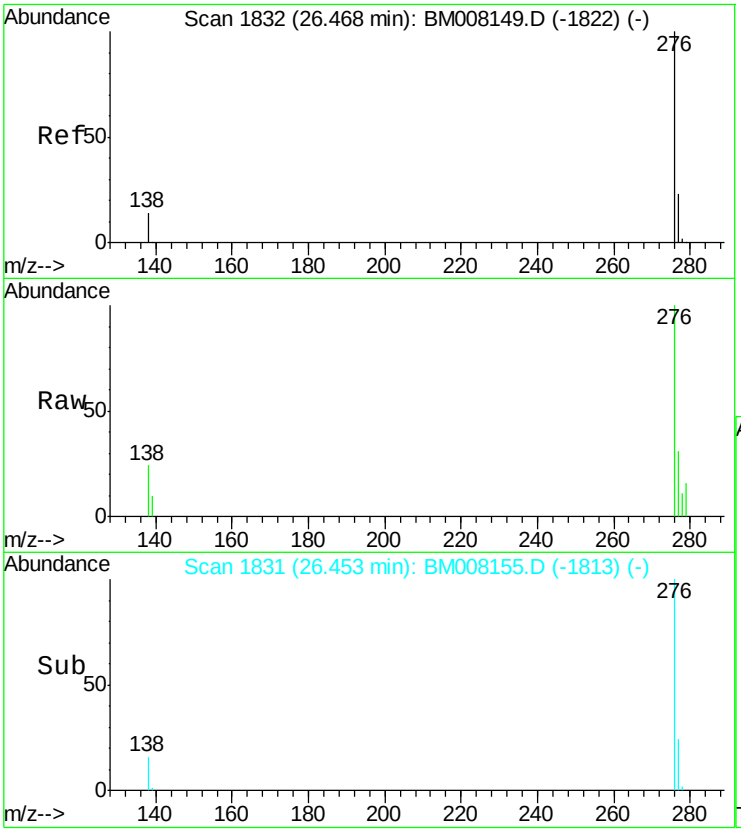


#25
Dibenzo(a,h)anthracene
Concen: 0.15 ng/ul m
RT: 25.77 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BM008155.D
Acq: 02 Dec 2016 14:28

Tgt Ion:278 Resp: 929

Ion	Ratio	Lower	Upper
278	100		
139	42.0	17.4	26.0#
279	62.4	25.9	38.9#

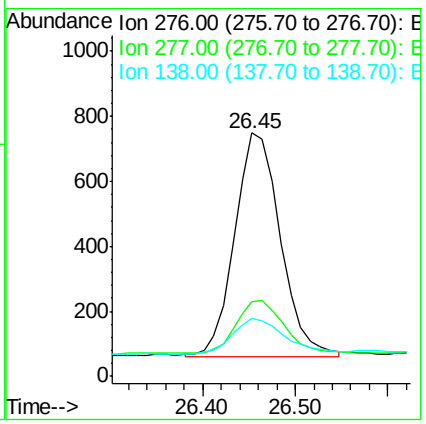




#26
Benzo(g,h,i)perylene
Concen: 0.34 ng/ul m
RT: 26.45 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BM008155.D
Acq: 02 Dec 2016 14:28

Tgt Ion:276 Resp: 2352

Ion	Ratio	Lower	Upper
276	100		
277	30.8	21.8	32.8
138	23.6	20.5	30.7



Instrument :
BNA_M
ClientSampleId :
A4WH4

Manual Integrations APPROVED
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