Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008152.D
Acq On : 02 Dec 2016 12:41
Operator : UM/SJ
Sample : H5730-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WG8

Manual Integrations APPROVED
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12/5/2016 11:17:21 AM

Quant Time: Dec 02 15:56:37 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	7.71	152	590	0.40	ng/ul	0.00
2) Naphthalene-d8	10.48	136	2052	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	1364	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2729m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.28	240	2624m	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	2152	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.08	152	724	0.25	ng/ul	-0.01
14) Fluoranthene-d10	19.12	212	2173m	0.28	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.52	128	1522	0.27	ng/ul#	95
5) 2-Methylnaphthalene	12.15	142	805	0.22	ng/ul	99
7) Acenaphthylene	14.04	152	19712	3.19	ng/ul	97
8) Acenaphthene	14.38	153	1033	0.22	ng/ul#	86
9) Fluorene	15.39	166	2577	0.48	ng/ul#	87
11) Pentachlorophenol	16.76	266	138	0.14	ng/ul#	85
12) Phenanthrene	17.12	178	31437m	3.70	ng/ul	
13) Anthracene	17.21	178	12960	1.62	ng/ul	95
15) Fluoranthene	19.14	202	112423m	10.25	ng/ul	
17) Pyrene	19.51	202	148164	16.27	ng/ul	96
18) Benzo(a)anthracene	21.26	228	76867m	9.54	ng/ul	
19) Chrysene	21.31	228	74856	7.47	ng/ul	98
21) Benzo(b)fluoranthene	22.85	252	74865m	8.72	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	24899m	2.81	ng/ul	
23) Benzo(a)pyrene	23.41	252	66881	8.31	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.76	276	40509	4.07	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.77	278	10249	1.29	ng/ul#	93
26) Benzo(g,h,i)perylene	26.44	276	40637	4.61	ng/ul#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008152.D
Acq On : 02 Dec 2016 12:41
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 02 15:56:37 2016
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Instrument :
BNA_M
ClientSampleId :
A4WG8

Manual Integrations APPROVED
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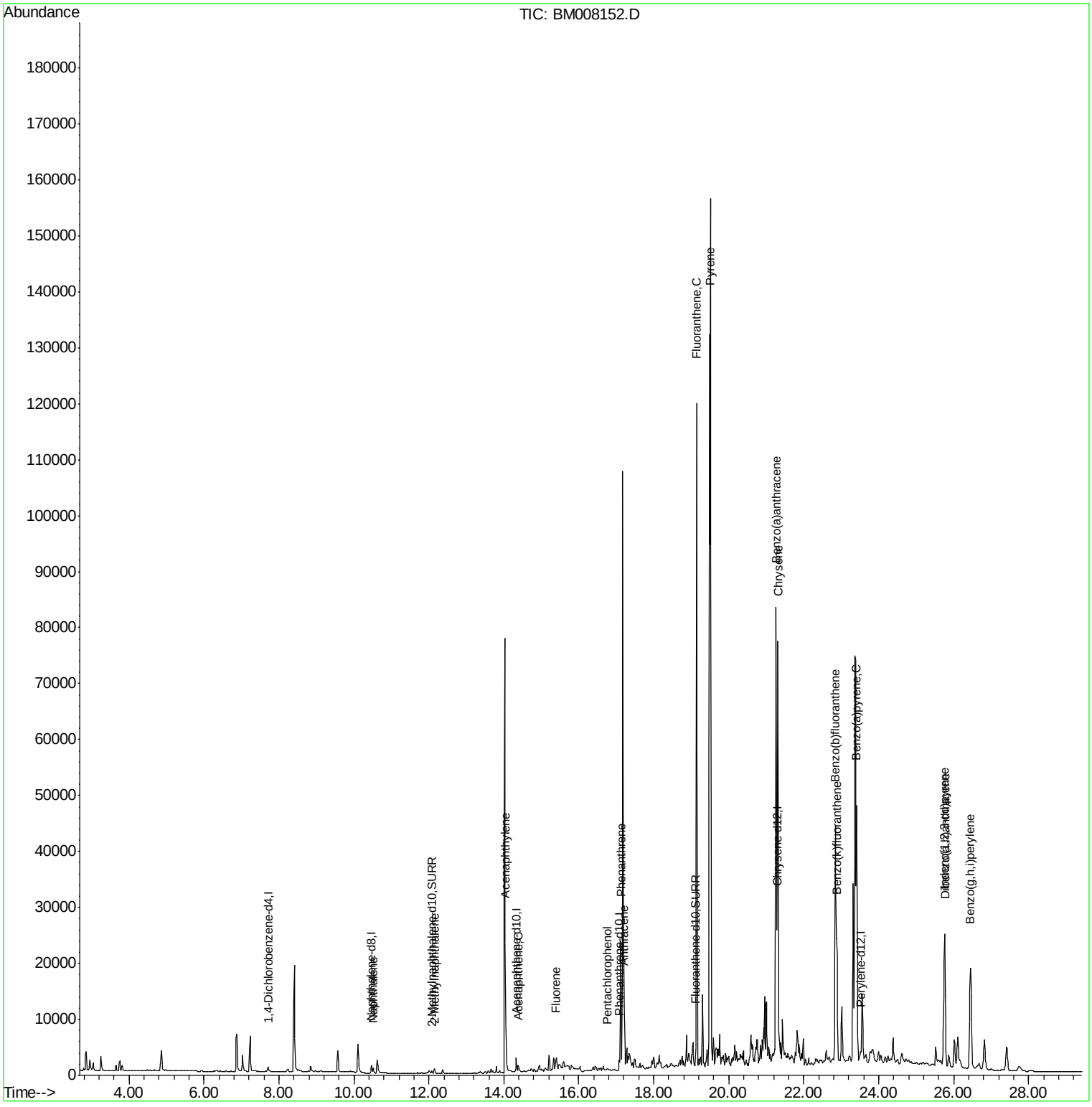
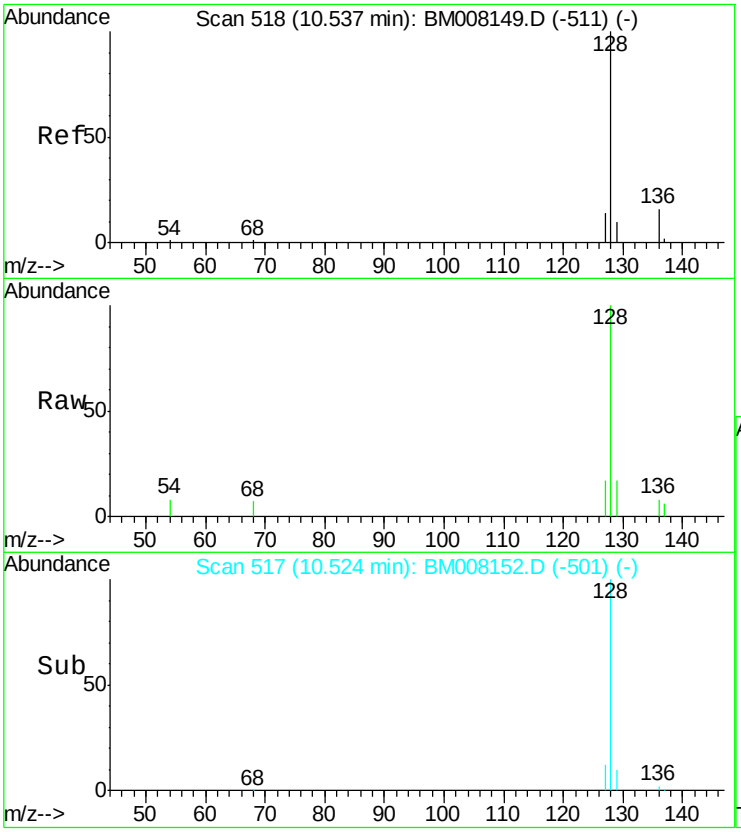
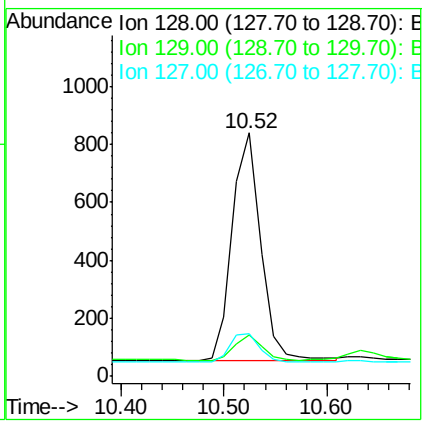




#3
Naphthalene
Concen: 0.27 ng/ul
RT: 10.52 min Scan# 517
Delta R.T. -0.01 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

Tgt Ion:128 Resp: 1522

Ion	Ratio	Lower	Upper
128	100		
129	17.0	11.3	16.9#
127	17.4	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
A4WG8

Manual Integrations APPROVED
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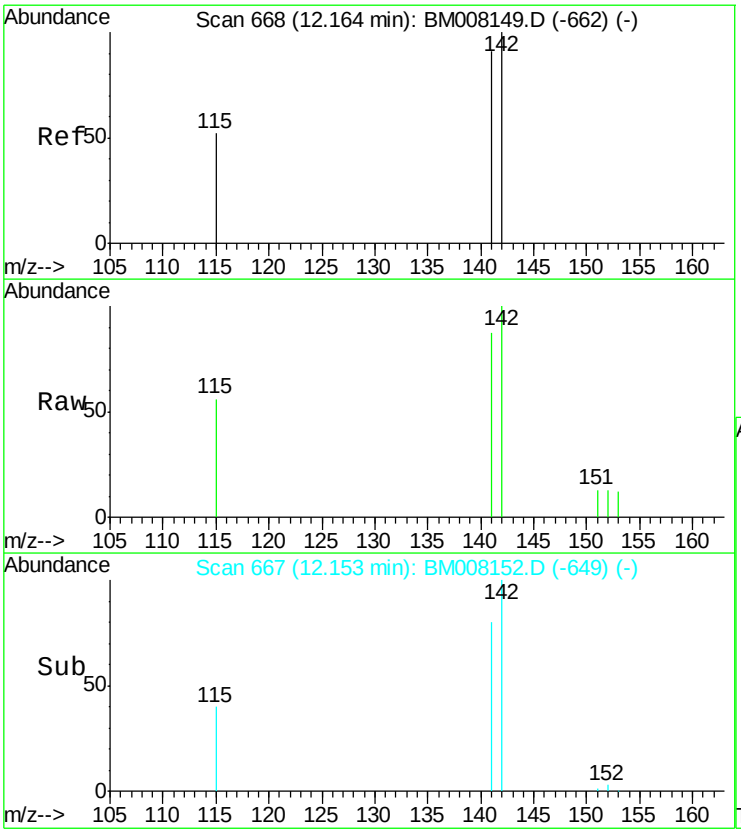
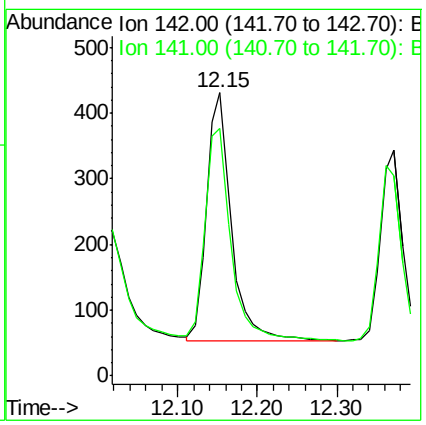
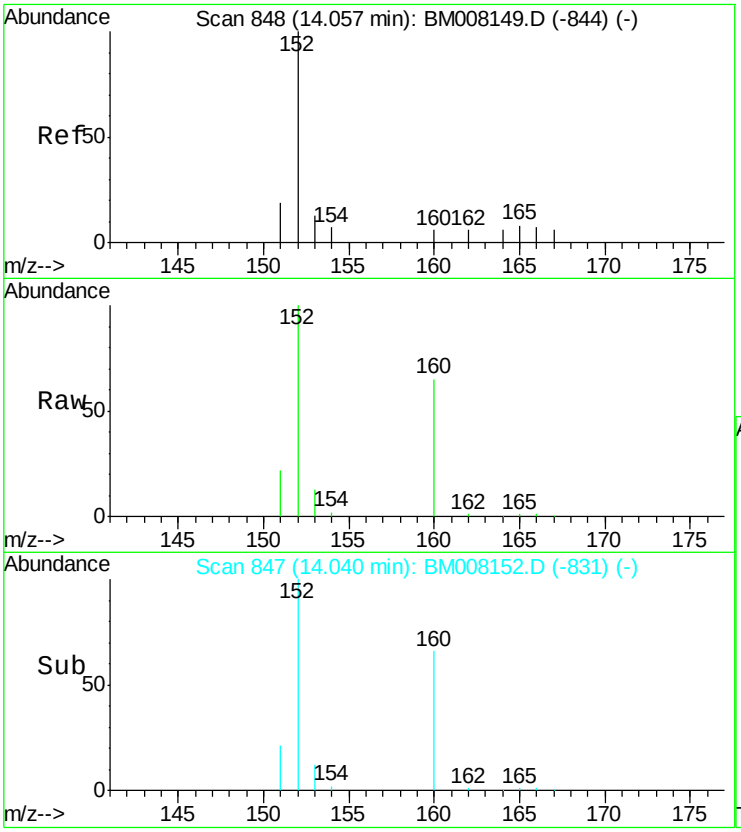


#5
2-Methylnaphthalene
Concen: 0.22 ng/ul
RT: 12.15 min Scan# 667
Delta R.T. -0.01 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

Tgt Ion:142 Resp: 805

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.6	108.8

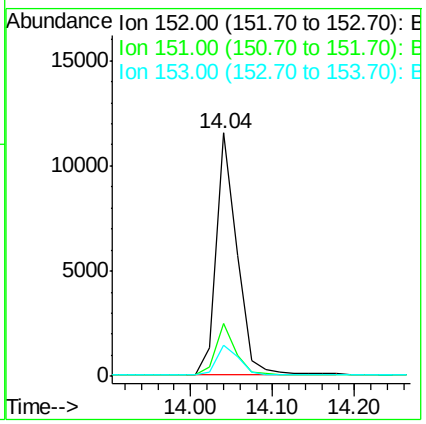




#7
Acenaphthylene
Concen: 3.19 ng/ul
RT: 14.04 min Scan# 847
Delta R.T. -0.02 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

Tgt Ion:152 Resp: 19712

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.1	25.7
153	12.9	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
A4WG8

Manual Integrations APPROVED
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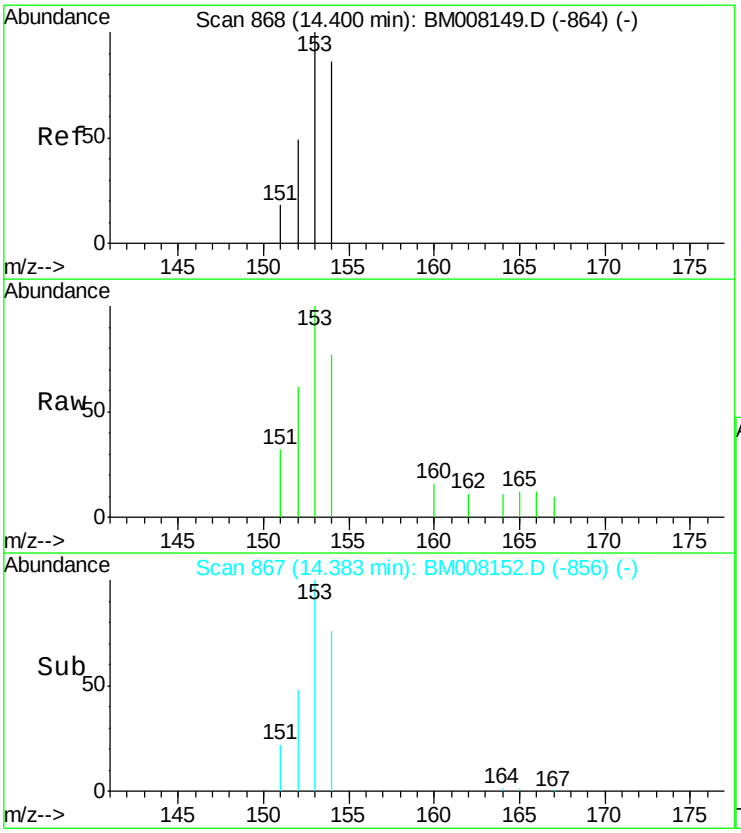
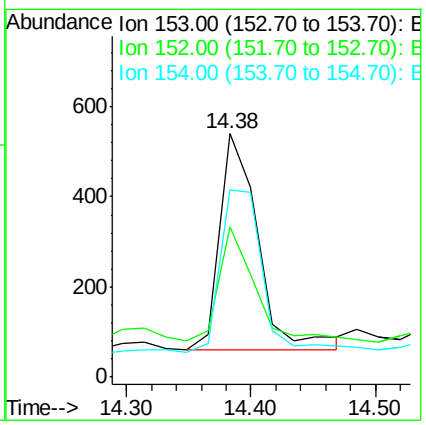
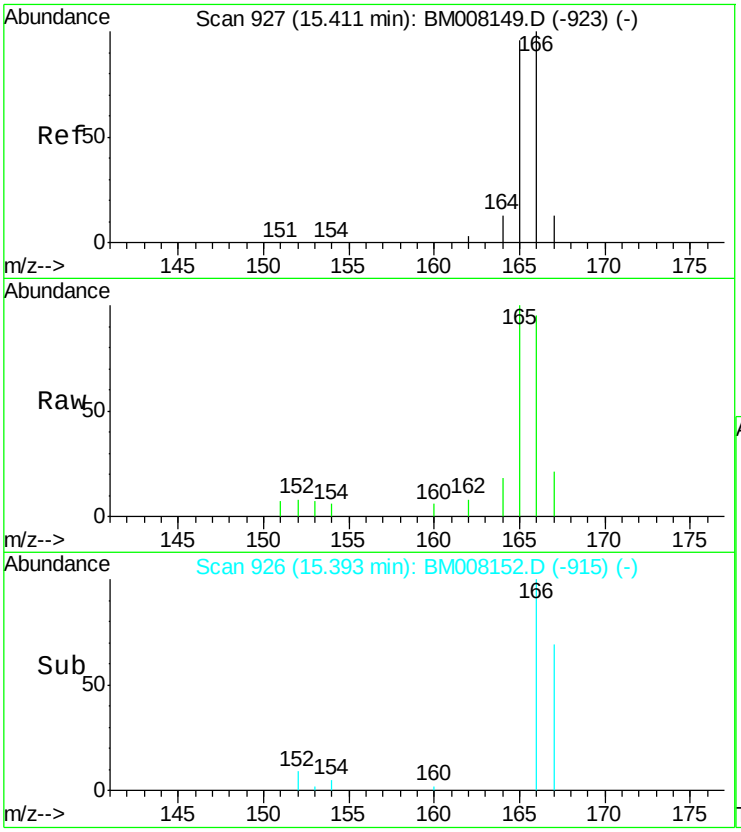


#8
Acenaphthene
Concen: 0.22 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.02 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

Tgt Ion:153 Resp: 1033

Ion	Ratio	Lower	Upper
153	100		
152	61.7	40.3	60.5#
154	77.0	71.4	107.2

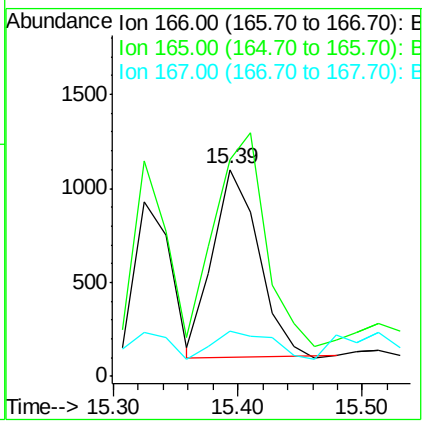




#9
Fluorene
Concen: 0.48 ng/ul
RT: 15.39 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

Tgt Ion:166 Resp: 2577

Ion	Ratio	Lower	Upper
166	100		
165	105.0	73.4	110.2
167	22.1	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
A4WG8

Manual Integrations APPROVED
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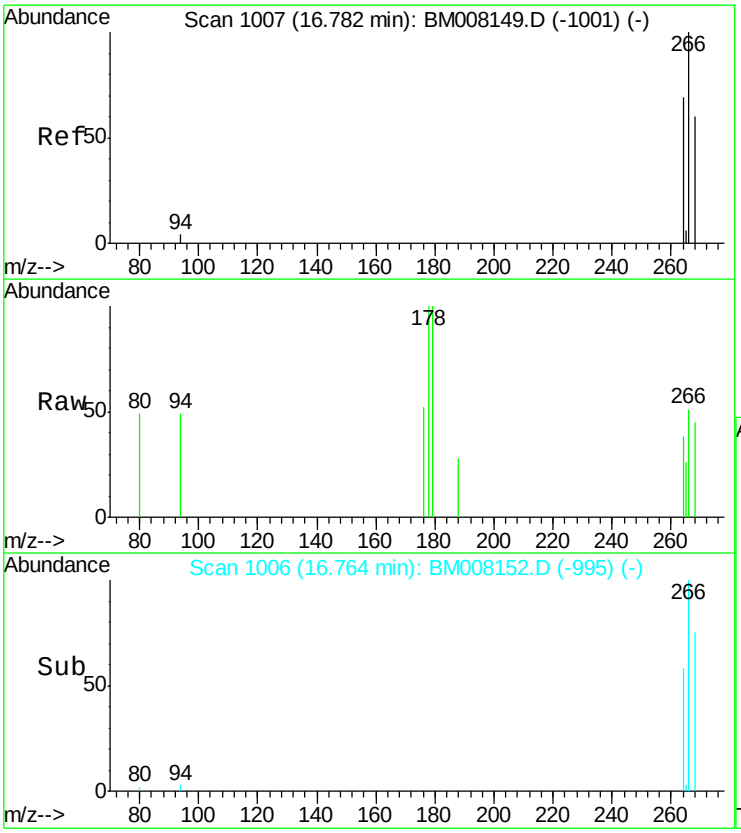
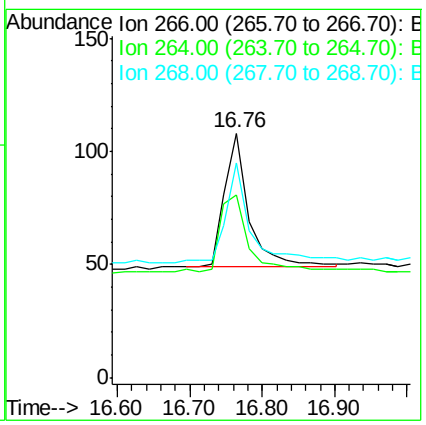
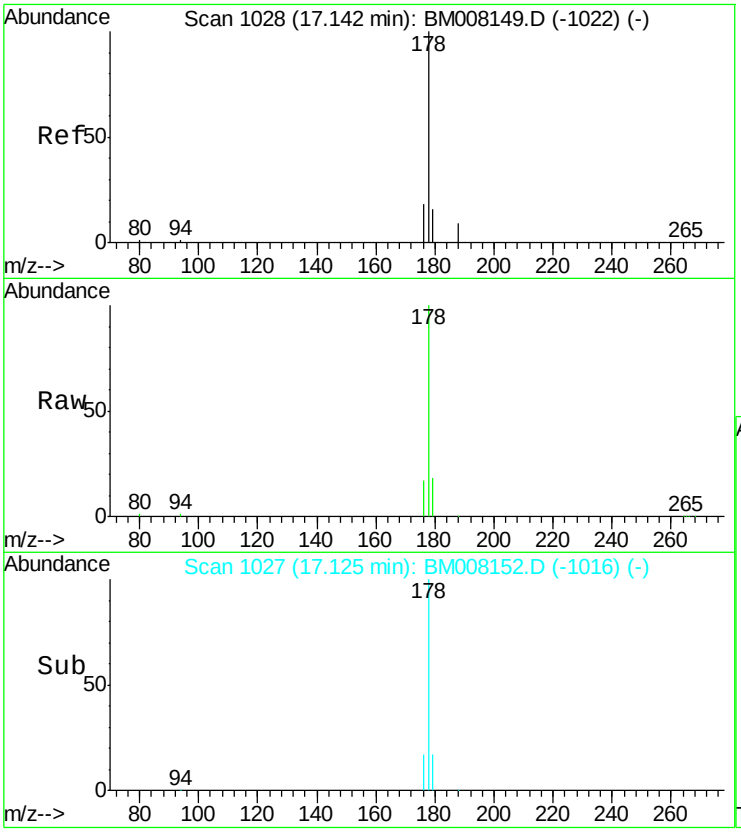


#11
Pentachlorophenol
Concen: 0.14 ng/ul
RT: 16.76 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

Tgt Ion:266 Resp: 138

Ion	Ratio	Lower	Upper
266	100		
264	69.6	47.9	71.9
268	75.4	49.8	74.8#

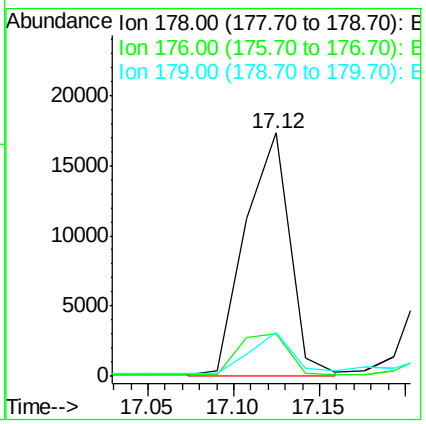




#12
Phenanthrene
Concen: 3.70 ng/ul m
RT: 17.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

Tgt Ion:178 Resp: 31437

Ion	Ratio	Lower	Upper
178	100		
176	17.3	18.4	27.6#
179	18.2	13.6	20.4



Instrument :
BNA_M
ClientSampleId :
A4WG8

Manual Integrations APPROVED
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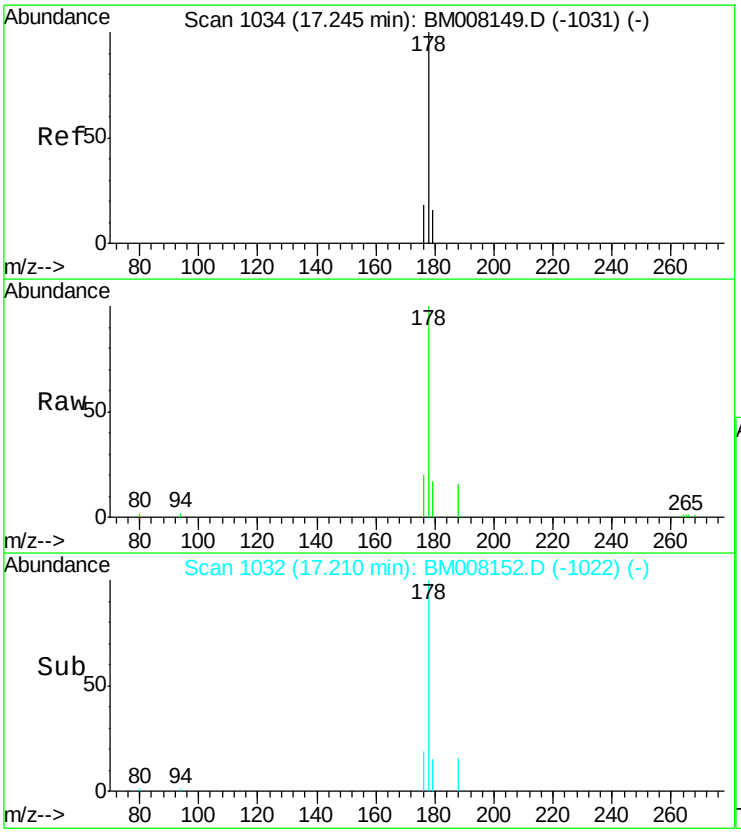
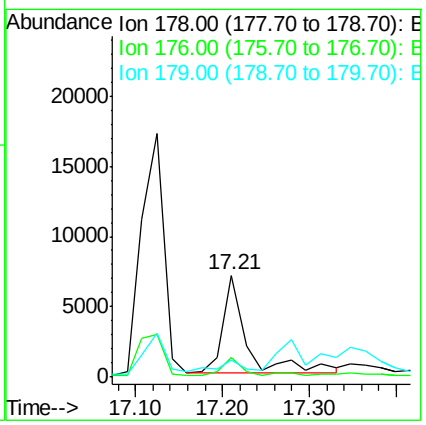
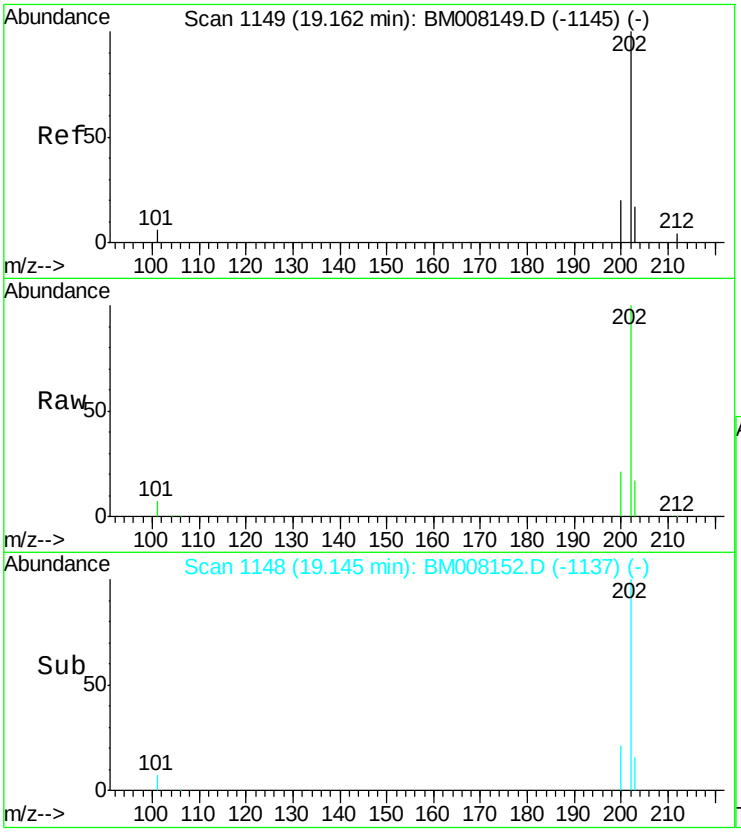


#13
Anthracene
Concen: 1.62 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

Tgt Ion:178 Resp: 12960

Ion	Ratio	Lower	Upper
178	100		
176	19.7	18.1	27.1
179	17.1	14.7	22.1

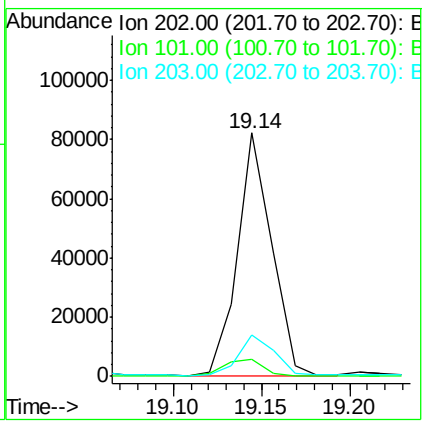




#15
Fluoranthene
Concen: 10.25 ng/ul m
RT: 19.14 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

Tgt Ion:202 Resp: 112423

Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	30.3
203	17.1	0.0	39.5



Instrument :
BNA_M
ClientSampleId :
A4WG8

Manual Integrations APPROVED
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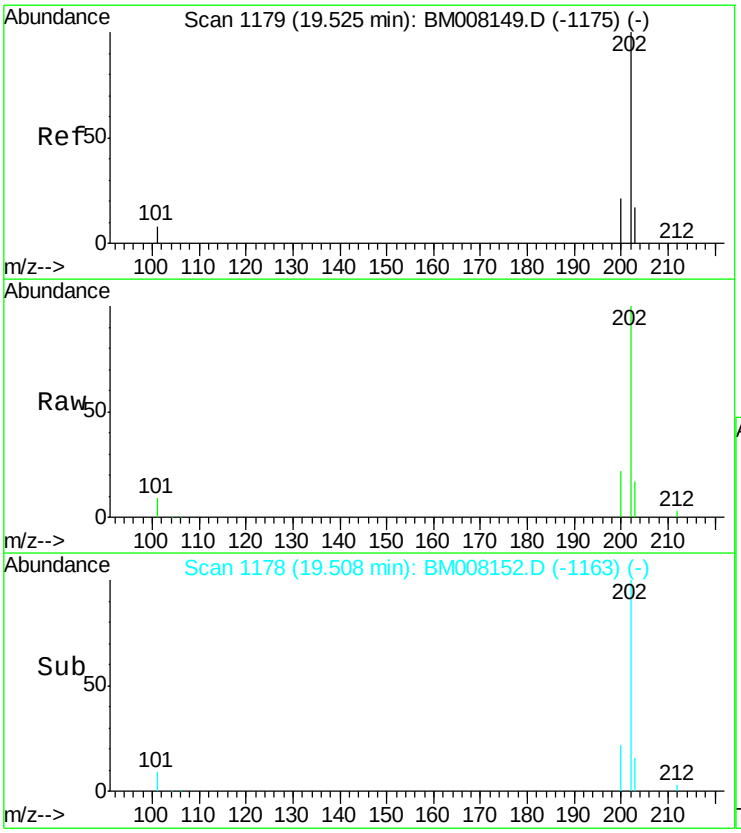
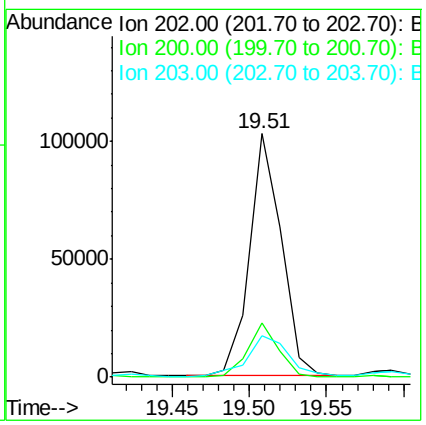
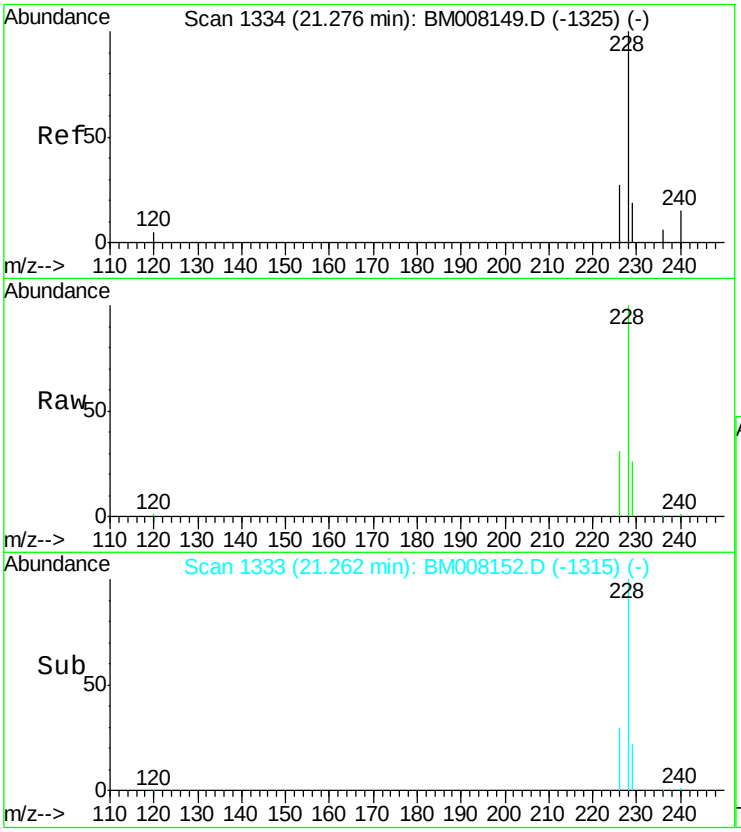


#17
Pyrene
Concen: 16.27 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

Tgt Ion:202 Resp: 148164

Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.2	27.4
203	16.8	15.6	23.4





#18
Benzo(a)anthracene
Concen: 9.54 ng/ul m
RT: 21.26 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

Tgt Ion:228 Resp: 76867

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.8	34.2
229	25.6	17.0	25.6#

Instrument :
BNA_M
ClientSampleId :
A4WG8

Manual Integrations APPROVED
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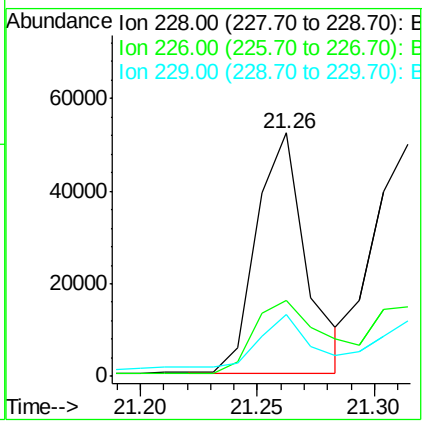
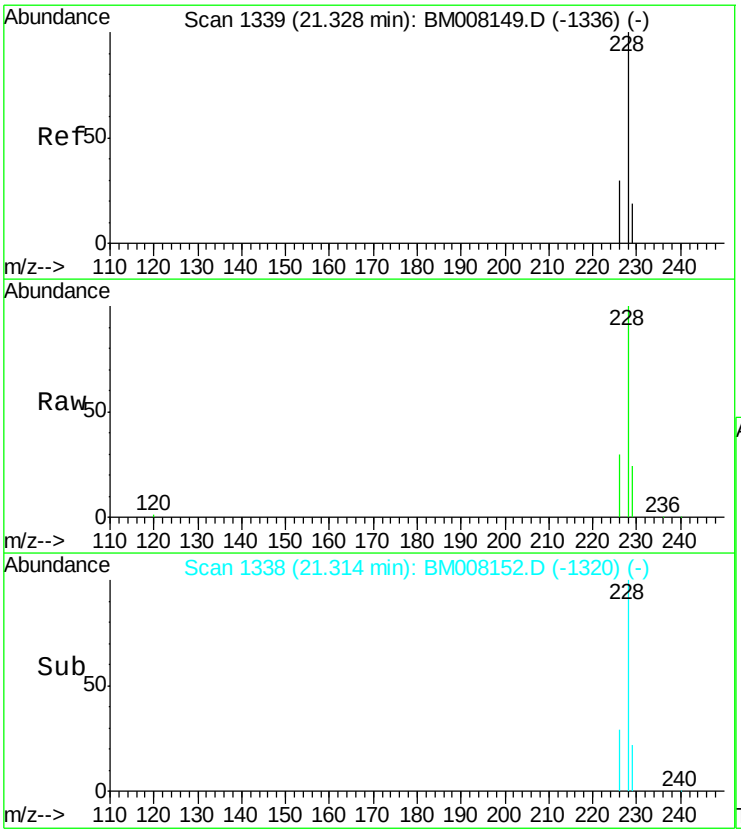
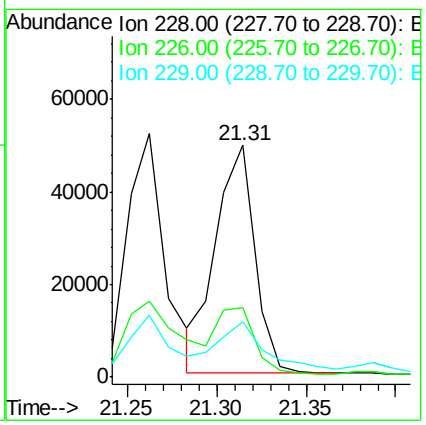


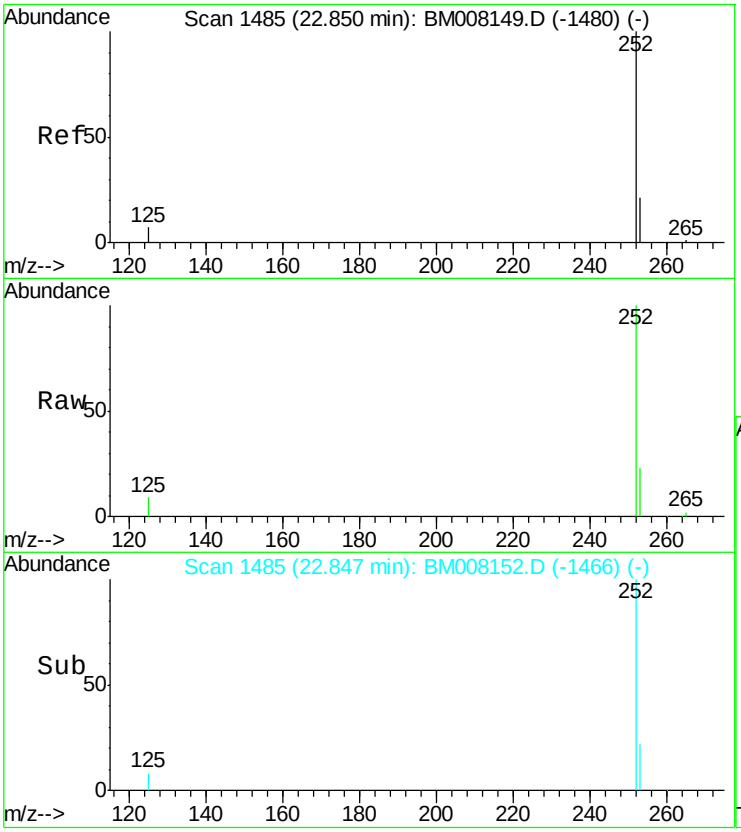


#19
Chrysene
Concen: 7.47 ng/ul
RT: 21.31 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

Tgt Ion:228 Resp: 74856

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.0
229	24.0	17.7	26.5

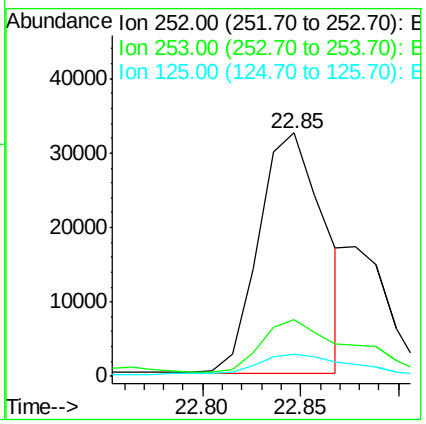




#21
Benzo(b)fluoranthene
Concen: 8.72 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

Tgt Ion:252 Resp: 74865

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	64.2
125	9.2	0.0	35.0



Instrument :
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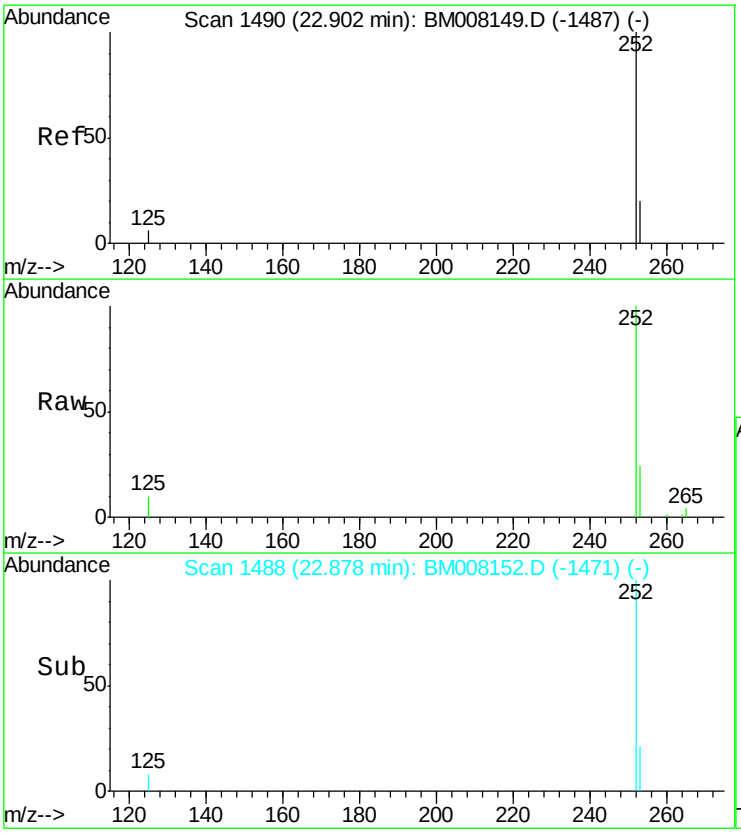
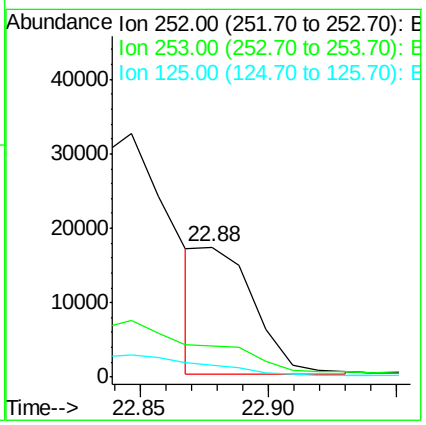
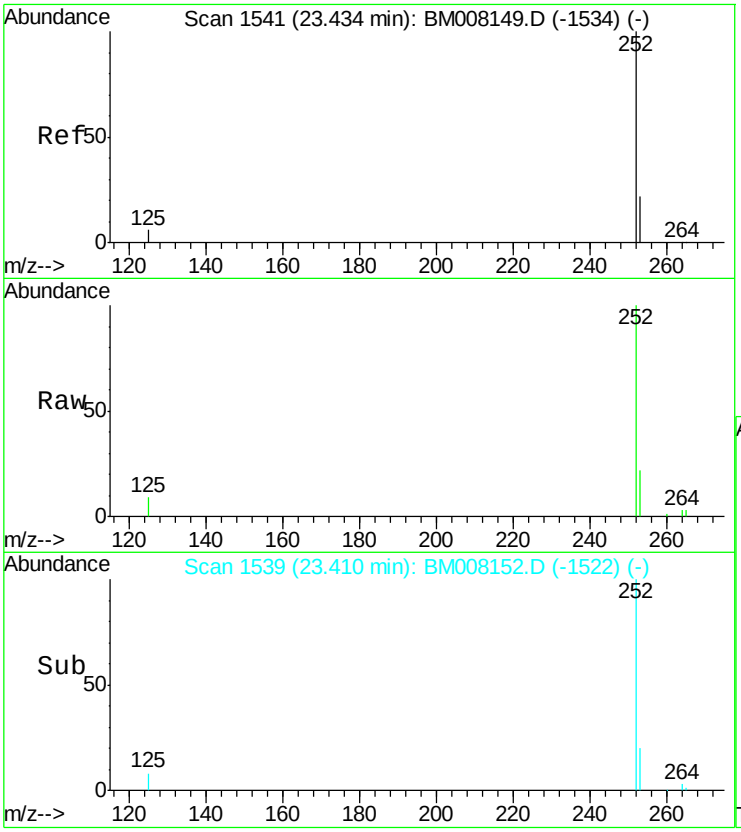


#22
Benzo(k)fluoranthene
Concen: 2.81 ng/ul m
RT: 22.88 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

Tgt Ion:252 Resp: 24899

Ion	Ratio	Lower	Upper
252	100		
253	24.2	24.5	36.7#
125	9.6	13.7	20.5#





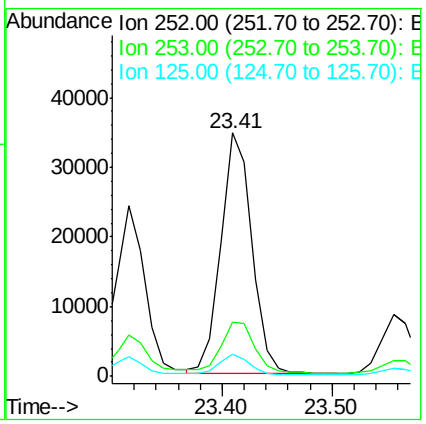
#23
Benzo(a)pyrene
Concen: 8.31 ng/ul
RT: 23.41 min Scan# 1539
Delta R.T. -0.02 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

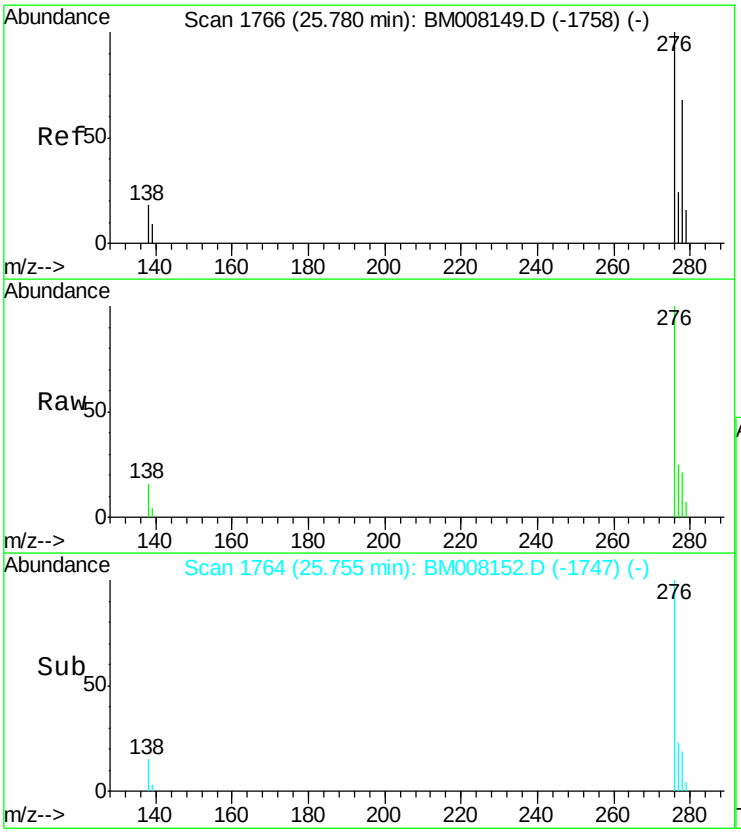
Tgt Ion:252 Resp: 66881

Ion	Ratio	Lower	Upper
252	100		
253	22.2	28.5	42.7#
125	8.9	18.1	27.1#

Instrument :
BNA_M
ClientSampleId :
A4WG8

Manual Integrations APPROVED
sohil
12/5/2016 11:17:21 AM

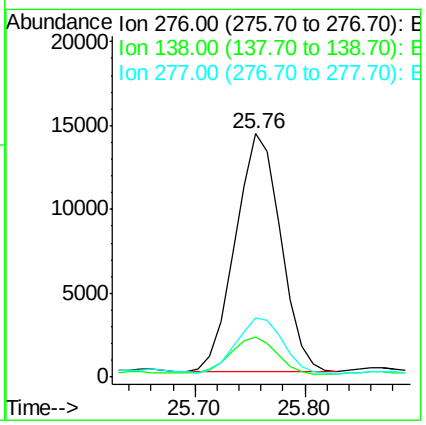


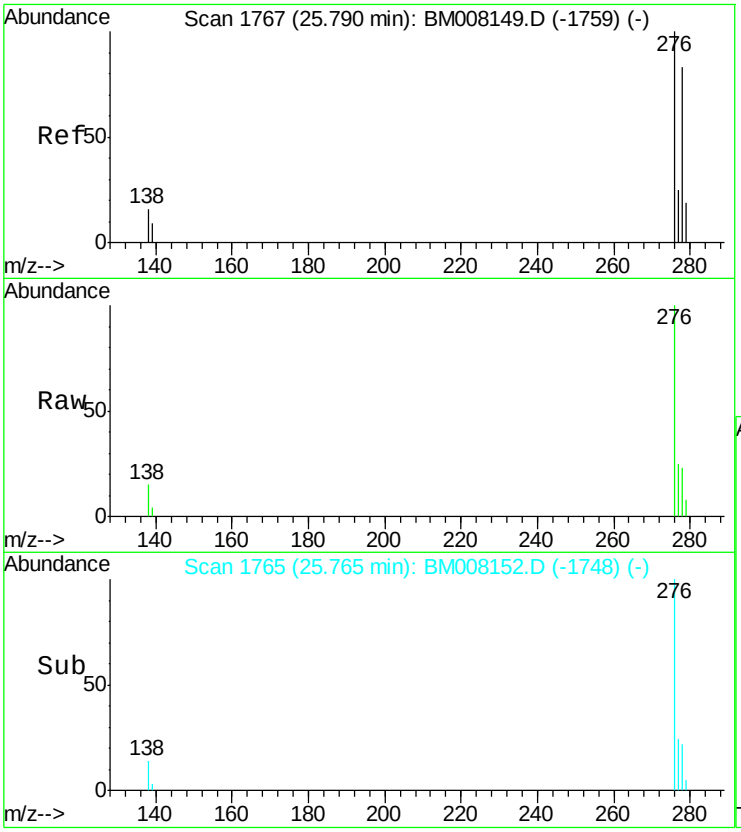


#24
Indeno(1,2,3-cd)pyrene
Concen: 4.07 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

Tgt Ion:276 Resp: 40509

Ion	Ratio	Lower	Upper
276	100		
138	15.7	19.1	28.7#
277	24.0	19.6	29.4





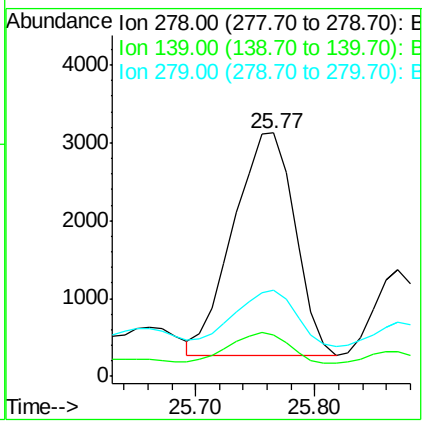
#25
Dibenzo(a,h)anthracene
Concen: 1.29 ng/ul
RT: 25.77 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

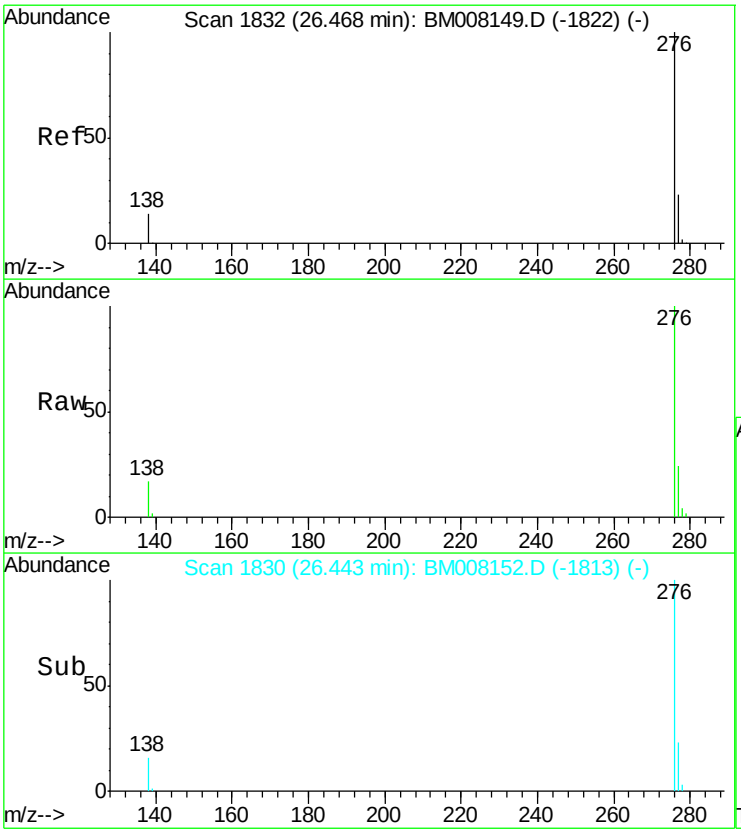
Tgt Ion:278 Resp: 10249

Ion	Ratio	Lower	Upper
278	100		
139	17.1	17.4	26.0#
279	35.1	25.9	38.9

Instrument :
BNA_M
ClientSampleId :
A4WG8

Manual Integrations APPROVED
sohil
12/5/2016 11:17:21 AM





#26
Benzo(g,h,i)perylene
Concen: 4.61 ng/ul
RT: 26.44 min Scan# 1830
Delta R.T. -0.02 min
Lab File: BM008152.D
Acq: 02 Dec 2016 12:41

Tgt Ion:276 Resp: 40637

Ion	Ratio	Lower	Upper
276	100		
277	24.3	21.8	32.8
138	16.8	20.5	30.7#