Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008158.D
Acq On : 02 Dec 2016 16:15
Operator : UM/SJ
Sample : H5730-11MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4WH6MSD

Manual Integrations APPROVED
sohil
12/5/2016 11:17:35 AM

Quant Time: Dec 02 18:02:28 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	598	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.48	136	2109	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	1314	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2474m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.28	240	1955	0.40	ng/ul	-0.01
20) Perylene-d12	23.52	264	1557m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.08	152	831	0.28	ng/ul	-0.01
14) Fluoranthene-d10	19.12	212	1647	0.24	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.52	128	208	0.04	ng/ul#	43
7) Acenaphthylene	14.04	152	627	0.11	ng/ul#	81
8) Acenaphthene	14.38	153	1602	0.35	ng/ul	91
9) Fluorene	15.39	166	522	0.10	ng/ul#	96
11) Pentachlorophenol	16.76	266	198	0.23	ng/ul	96
12) Phenanthrene	17.12	178	9465m	1.23	ng/ul	
13) Anthracene	17.21	178	2170	0.30	ng/ul#	95
15) Fluoranthene	19.14	202	15506	1.56	ng/ul	94
17) Pyrene	19.51	202	15904	2.34	ng/ul	98
18) Benzo(a)anthracene	21.26	228	5386	0.90	ng/ul	98
19) Chrysene	21.31	228	5487	0.74	ng/ul	96
21) Benzo(b)fluoranthene	22.85	252	6952m	1.12	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	2811m	0.44	ng/ul	
23) Benzo(a)pyrene	23.41	252	5074m	0.87	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.77	276	3546m	0.49	ng/ul	
25) Dibenzo(a,h)anthracene	25.77	278	953m	0.17	ng/ul	
26) Benzo(g,h,i)perylene	26.45	276	2861m	0.45	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 : BM008158.D
Acq On : 02 Dec 2016 16:15
Operator : UM/SJ
Sample : H5730-11MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 02 18:02:28 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

Instrument :
BNA_M
ClientSampleId :
A4WH6MSD

Manual Integrations APPROVED
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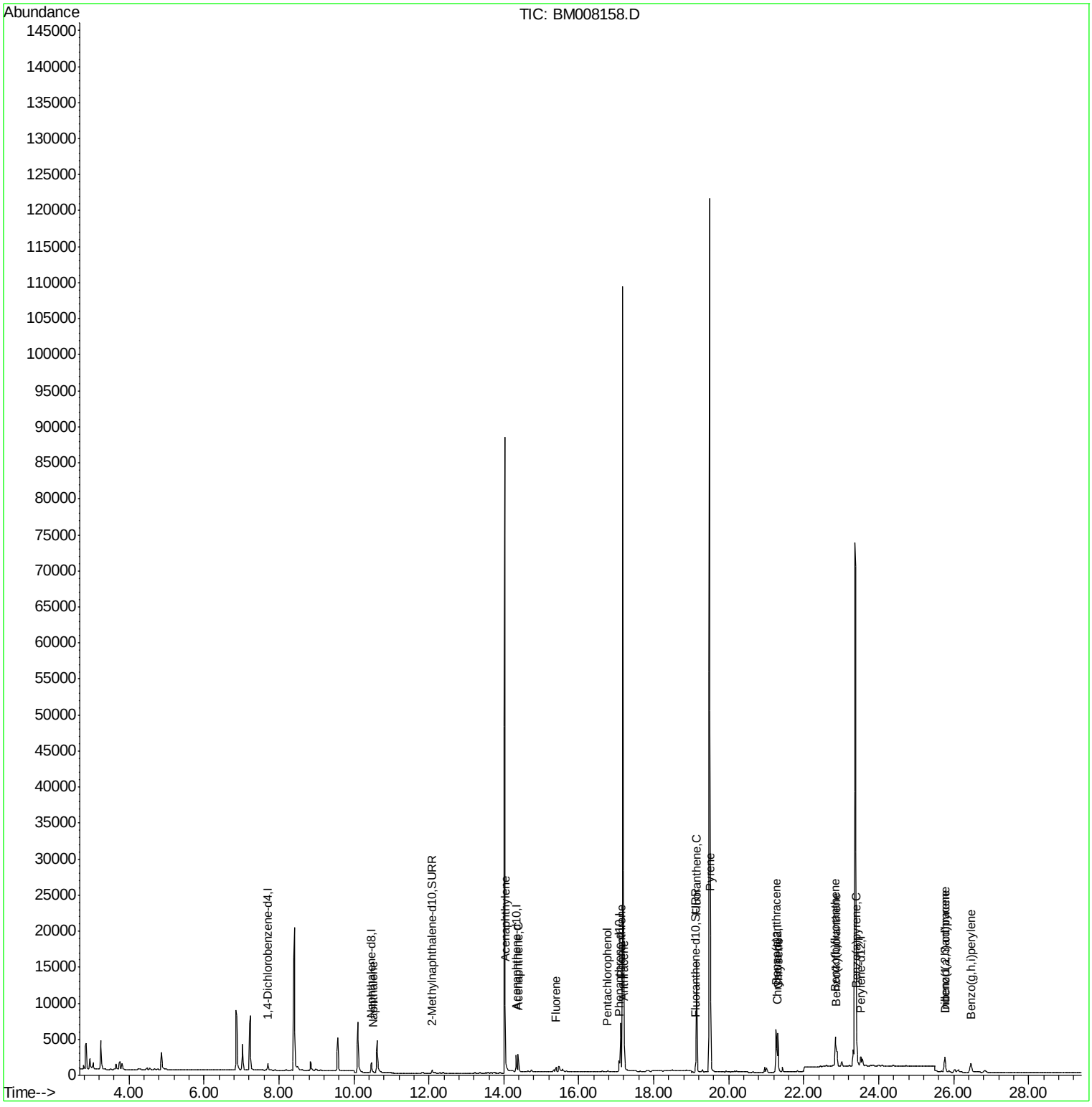
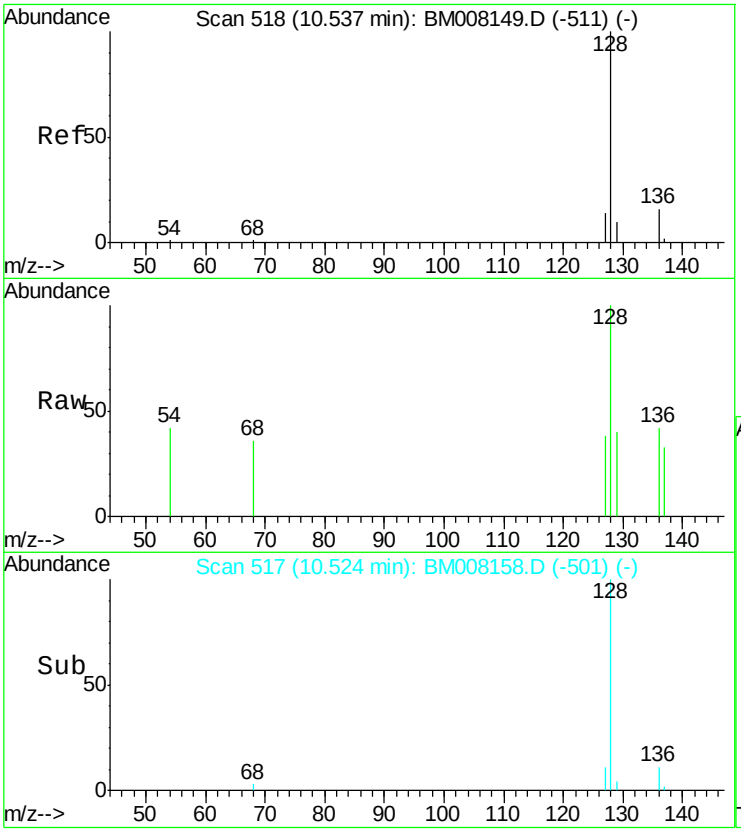
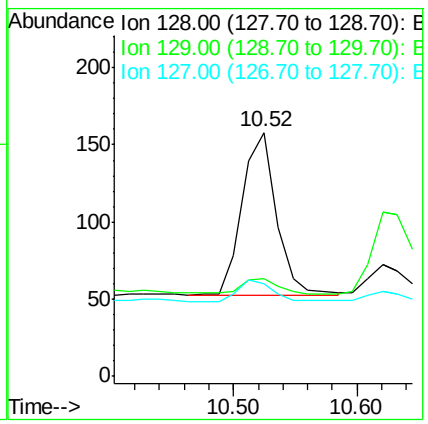




#3
Naphthalene
Concen: 0.04 ng/ul
RT: 10.52 min Scan# 517
Delta R.T. -0.01 min
Lab File: BM008158.D
Acq: 02 Dec 2016 16:15

Tgt Ion:128 Resp: 208

Ion	Ratio	Lower	Upper
128	100		
129	39.9	11.3	16.9#
127	38.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
A4WH6MSD

Manual Integrations APPROVED
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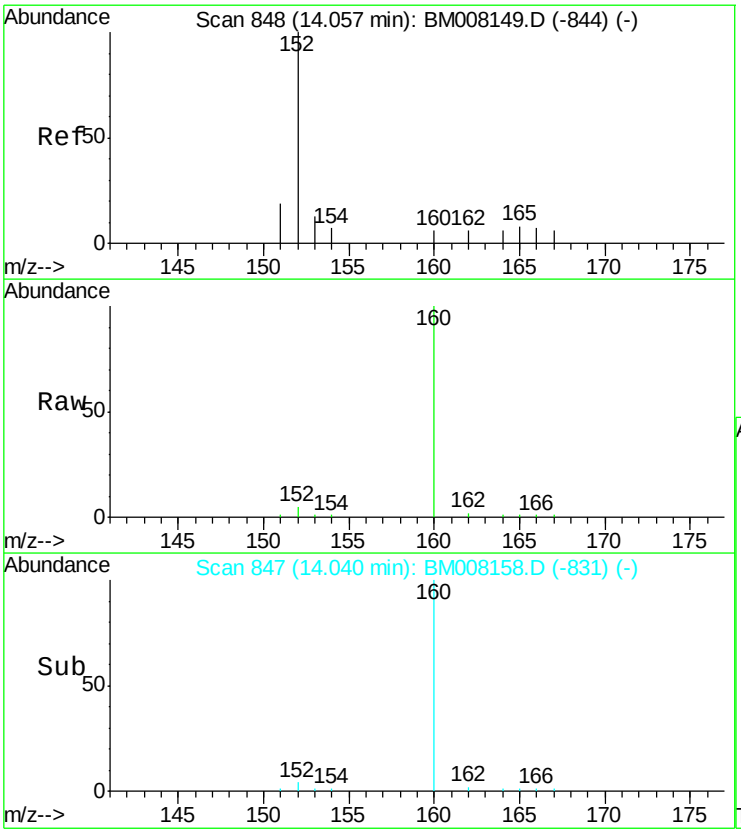
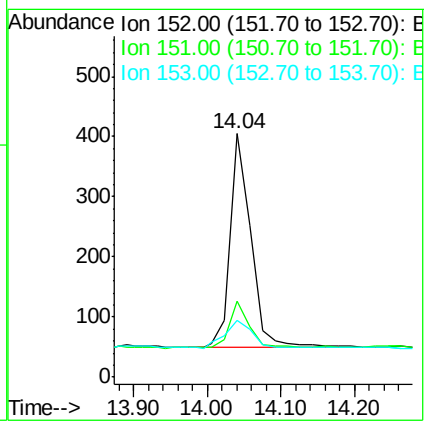
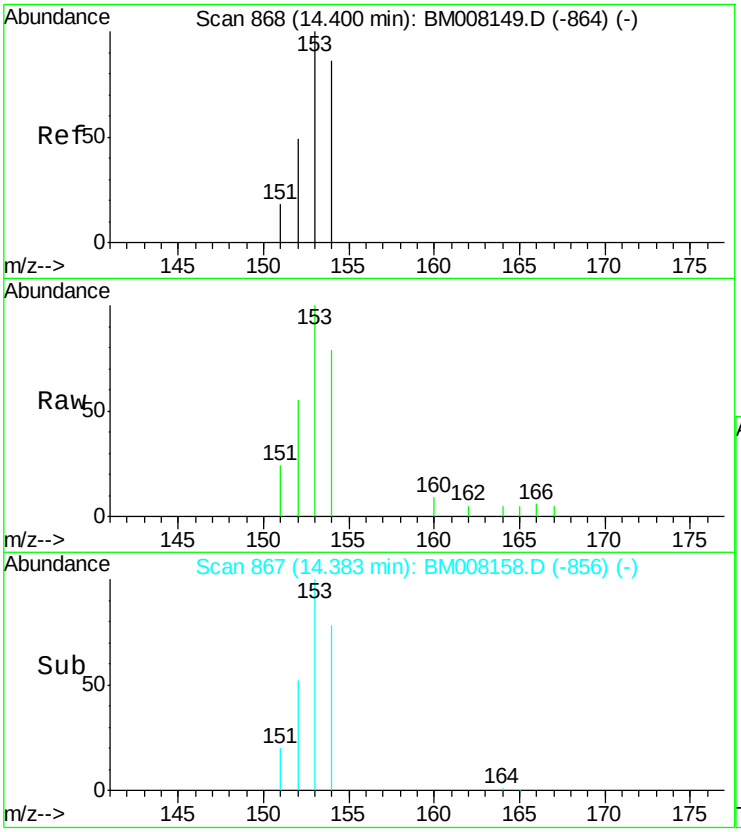


#7
Acenaphthylene
Concen: 0.11 ng/ul
RT: 14.04 min Scan# 847
Delta R.T. -0.02 min
Lab File: BM008158.D
Acq: 02 Dec 2016 16:15

Tgt Ion:152 Resp: 627

Ion	Ratio	Lower	Upper
152	100		
151	31.1	17.1	25.7#
153	23.5	12.8	19.2#

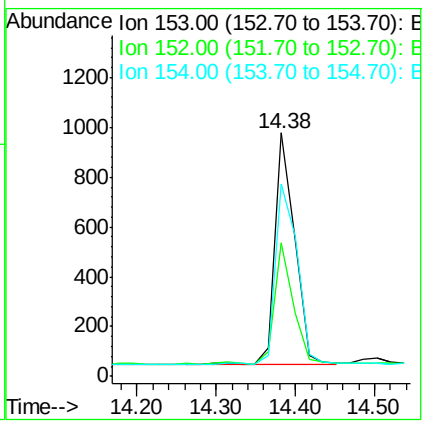




#8
Acenaphthene
Concen: 0.35 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.02 min
Lab File: BM008158.D
Acq: 02 Dec 2016 16:15

Tgt Ion:153 Resp: 1602

Ion	Ratio	Lower	Upper
153	100		
152	54.9	40.3	60.5
154	79.0	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
A4WH6MSD

Manual Integrations APPROVED
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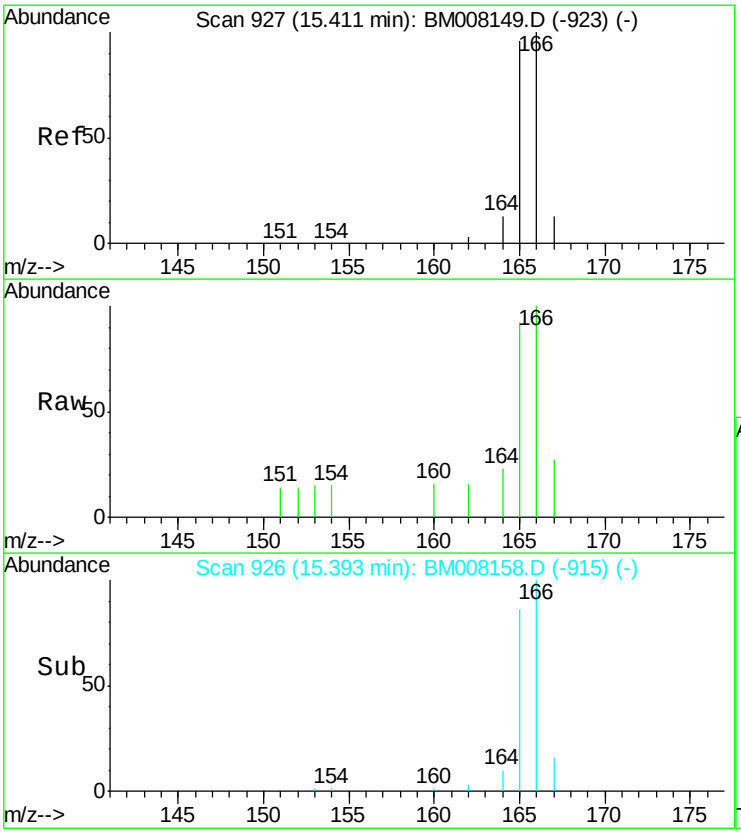
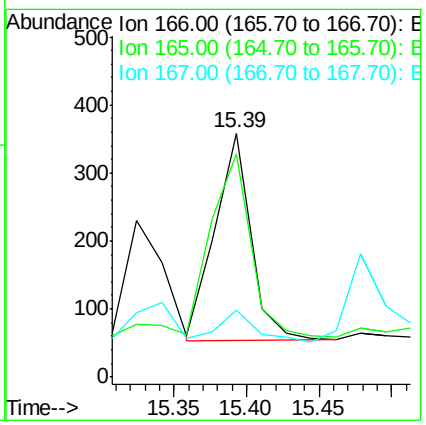
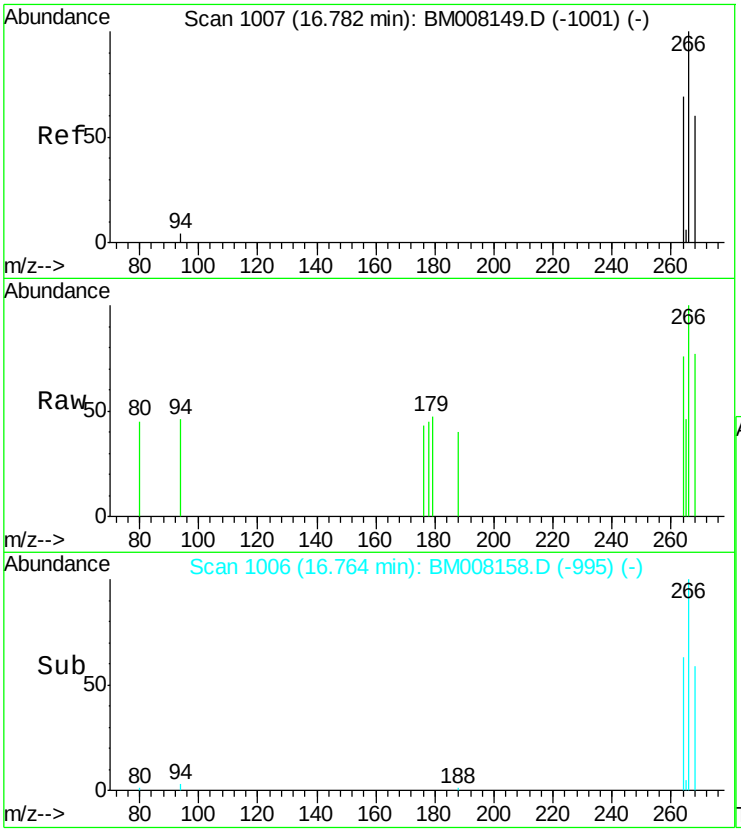


#9
Fluorene
Concen: 0.10 ng/ul
RT: 15.39 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM008158.D
Acq: 02 Dec 2016 16:15

Tgt Ion:166 Resp: 522

Ion	Ratio	Lower	Upper
166	100		
165	91.6	73.4	110.2
167	27.4	14.6	22.0#

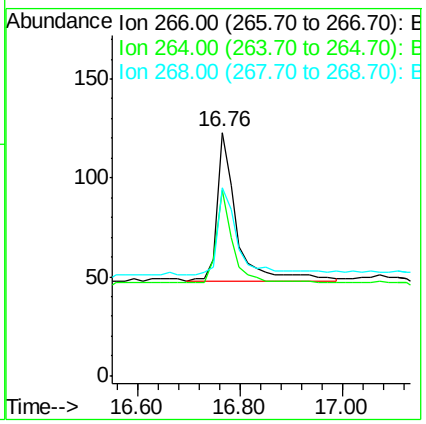




#11
Pentachlorophenol
Concen: 0.23 ng/ul
RT: 16.76 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BM008158.D
Acq: 02 Dec 2016 16:15

Tgt Ion:266 Resp: 198

Ion	Ratio	Lower	Upper
266	100		
264	53.5	47.9	71.9
268	62.6	49.8	74.8



Instrument :
BNA_M
ClientSampleId :
A4WH6MSD

Manual Integrations APPROVED
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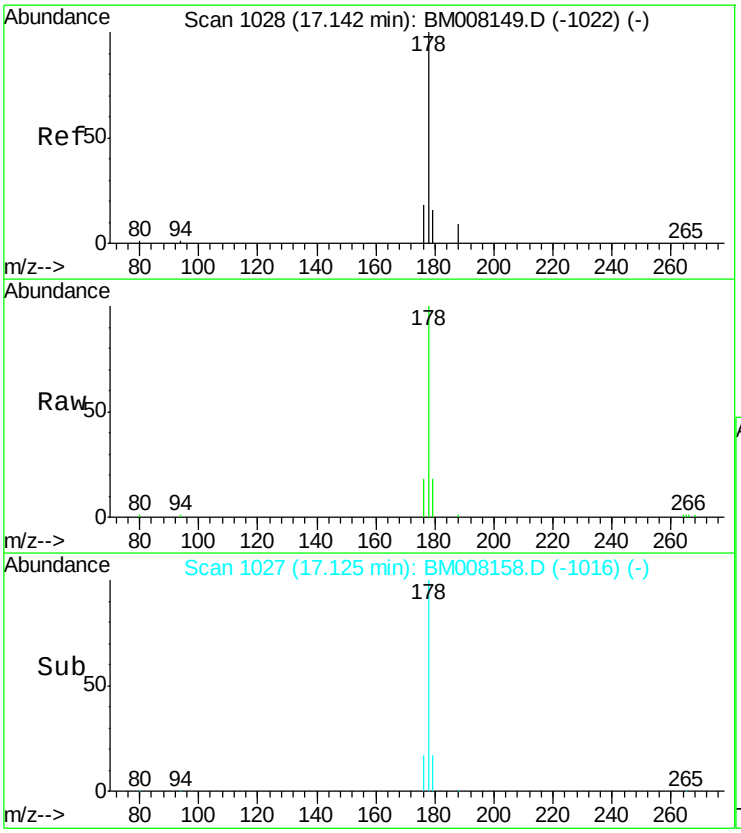
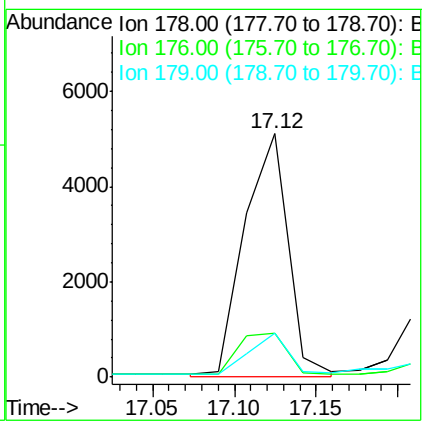
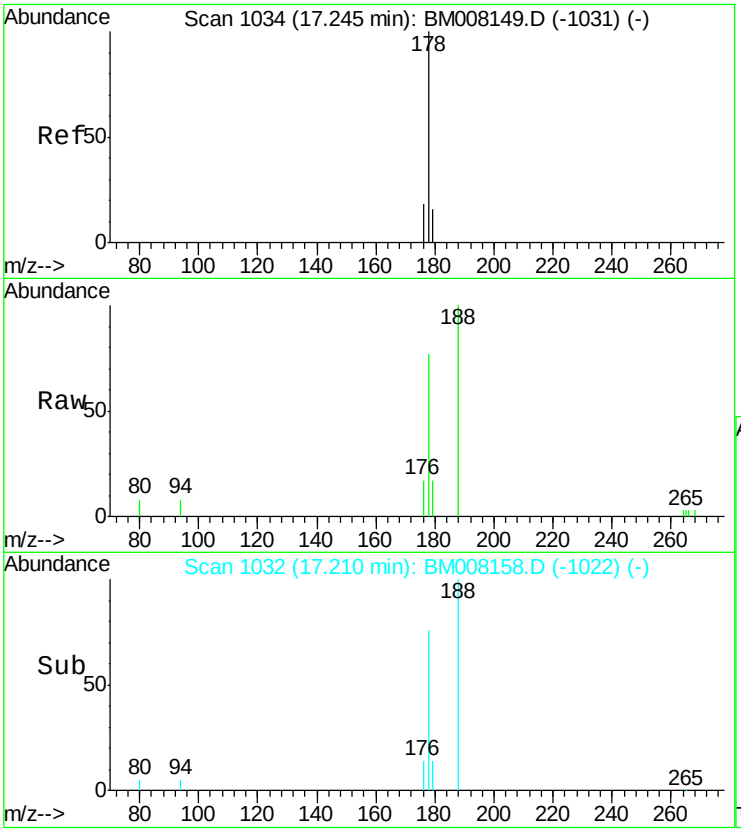


#12
Phenanthrene
Concen: 1.23 ng/ul m
RT: 17.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BM008158.D
Acq: 02 Dec 2016 16:15

Tgt Ion:178 Resp: 9465

Ion	Ratio	Lower	Upper
178	100		
176	17.8	18.4	27.6#
179	18.0	13.6	20.4





#13
Anthracene
Concen: 0.30 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BM008158.D
Acq: 02 Dec 2016 16:15

Tgt Ion:178 Resp: 2170

Ion	Ratio	Lower	Upper
178	100		
176	21.7	18.1	27.1
179	22.3	14.7	22.1#

Instrument :
BNA_M
ClientSampleId :
A4WH6MSD

Manual Integrations APPROVED
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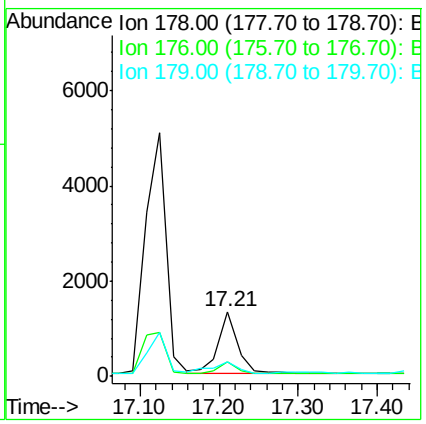
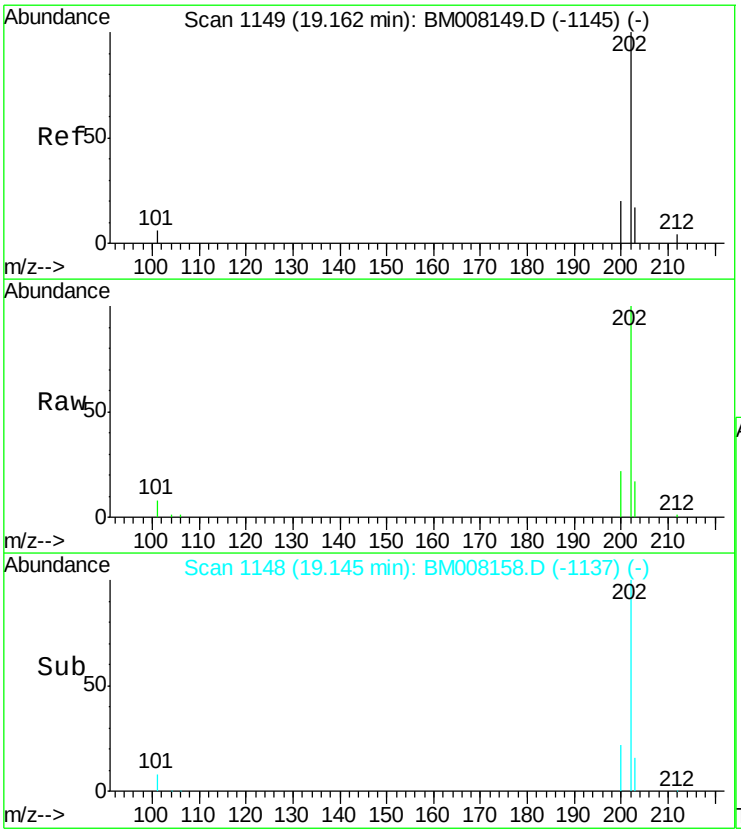
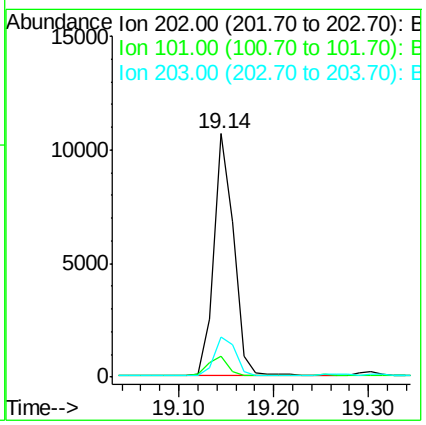


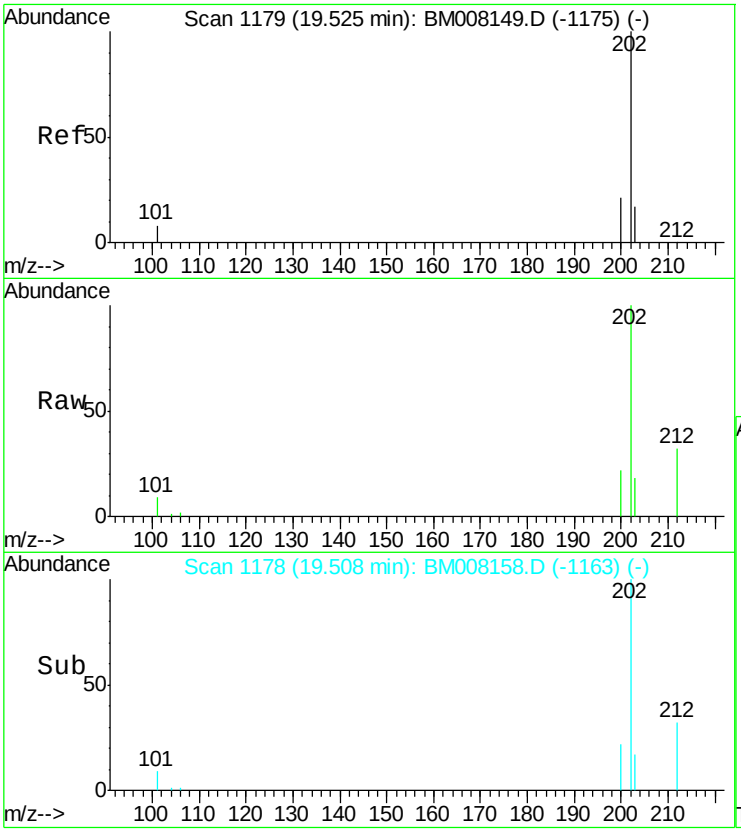


#15
Fluoranthene
Concen: 1.56 ng/ul
RT: 19.14 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BM008158.D
Acq: 02 Dec 2016 16:15

Tgt Ion:202 Resp: 15506

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.3
203	16.6	0.0	39.5





#17
Pyrene
Concen: 2.34 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BM008158.D
Acq: 02 Dec 2016 16:15

Tgt Ion:202 Resp: 15904

Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.2	27.4
203	17.7	15.6	23.4

Instrument :
BNA_M
ClientSampleId :
A4WH6MSD

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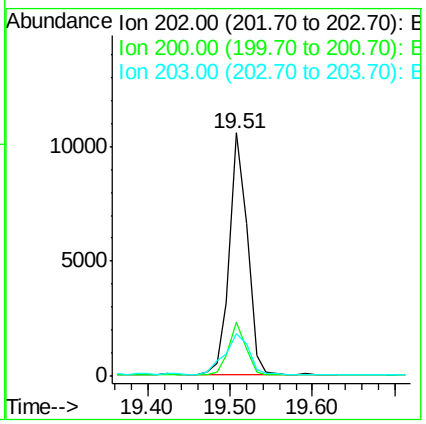
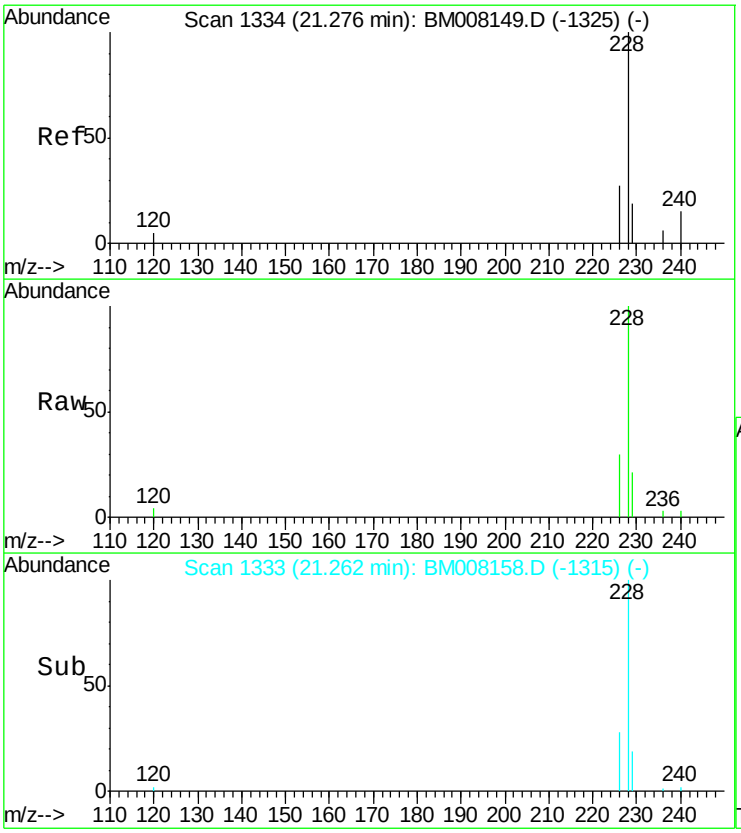
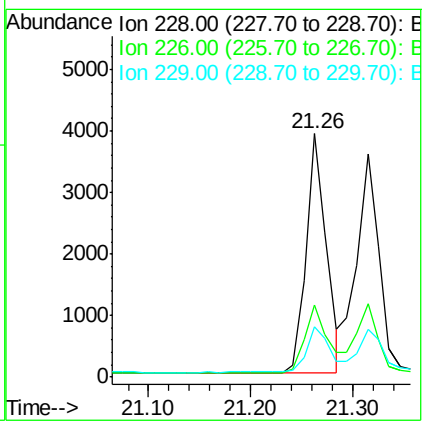


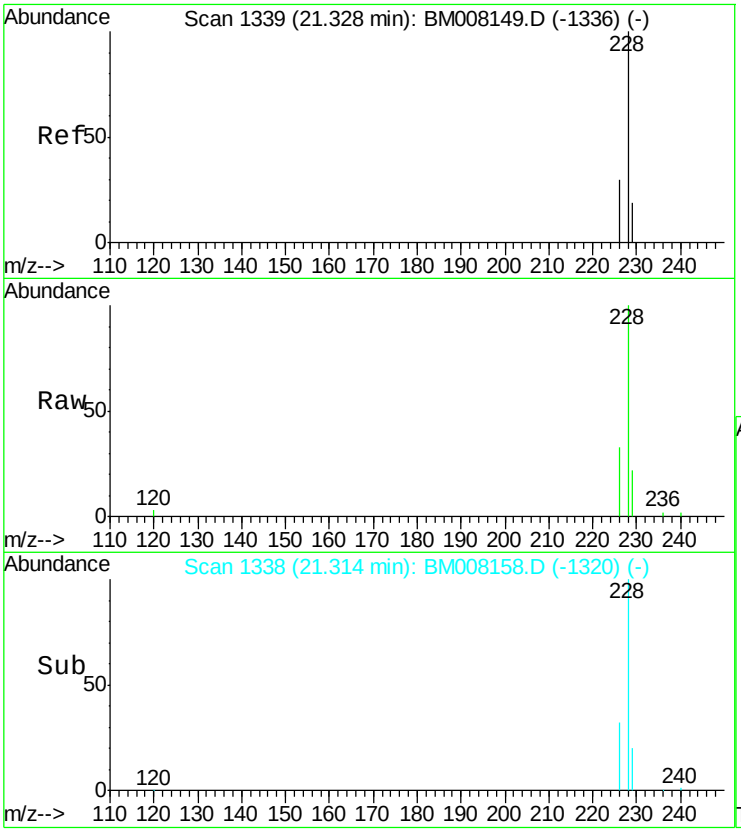


#18
Benzo(a)anthracene
Concen: 0.90 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BM008158.D
Acq: 02 Dec 2016 16:15

Tgt Ion:228 Resp: 5386

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.8	34.2
229	20.6	17.0	25.6

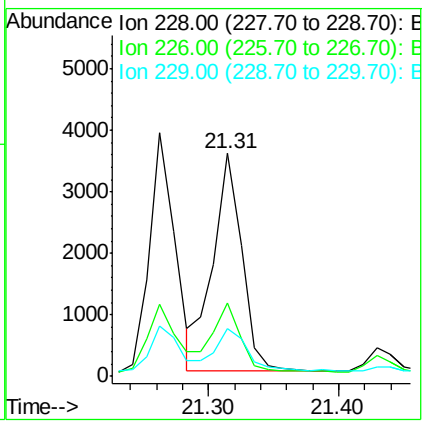




#19
Chrysene
Concen: 0.74 ng/ul
RT: 21.31 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BM008158.D
Acq: 02 Dec 2016 16:15

Tgt Ion:228 Resp: 5487

Ion	Ratio	Lower	Upper
228	100		
226	32.9	23.4	35.0
229	21.6	17.7	26.5



Instrument :
BNA_M
ClientSampleId :
A4WH6MSD

Manual Integrations APPROVED
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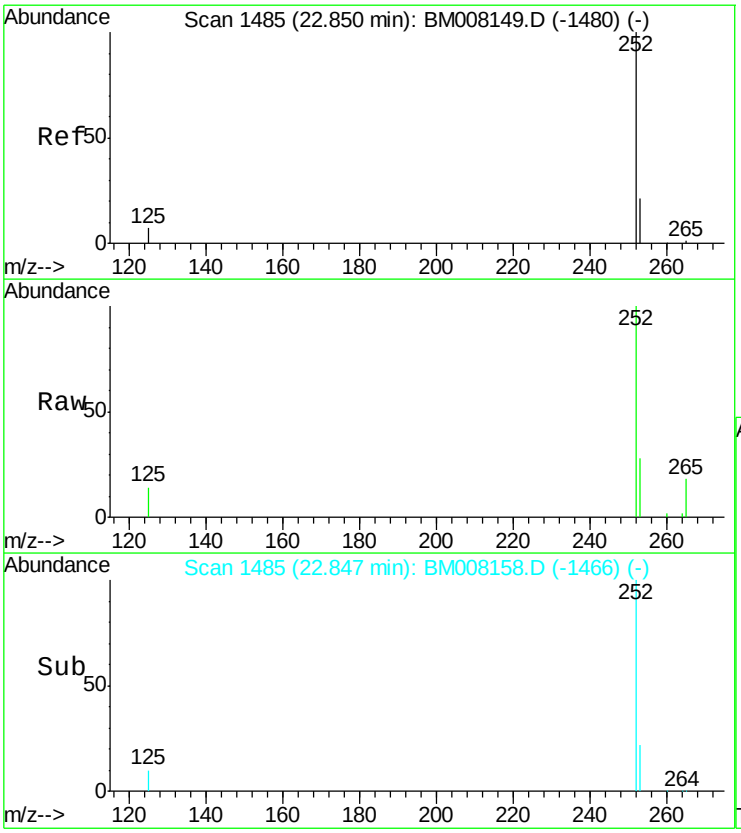
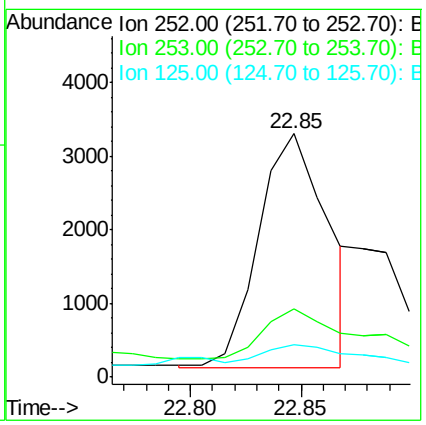
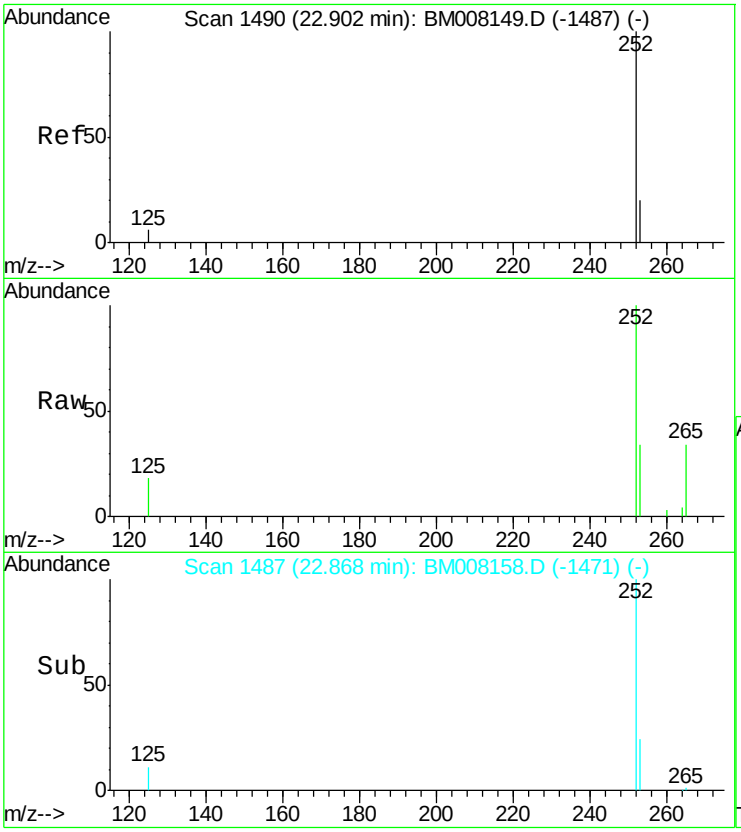


#21
Benzo(b)fluoranthene
Concen: 1.12 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BM008158.D
Acq: 02 Dec 2016 16:15

Tgt Ion:252 Resp: 6952

Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	64.2
125	13.6	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.44 ng/ul m
RT: 22.87 min Scan# 1487
Delta R.T. -0.03 min
Lab File: BM008158.D
Acq: 02 Dec 2016 16:15

Tgt Ion:252 Resp: 2811

Ion	Ratio	Lower	Upper
252	100		
253	33.8	24.5	36.7
125	18.3	13.7	20.5

Instrument :
BNA_M
ClientSampleId :
A4WH6MSD

Manual Integrations APPROVED
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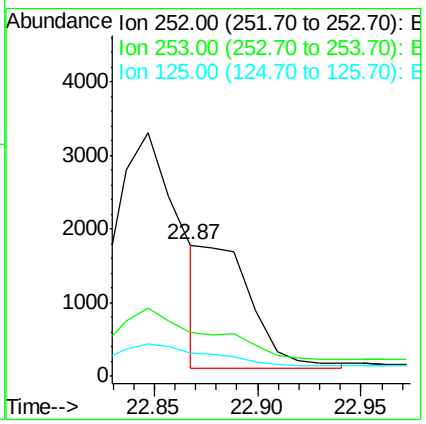
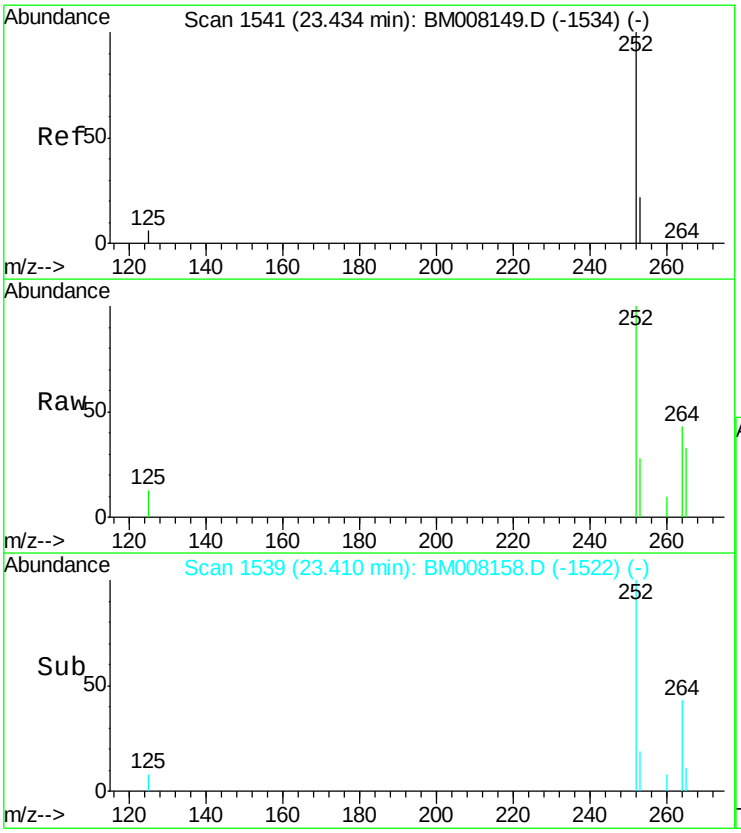
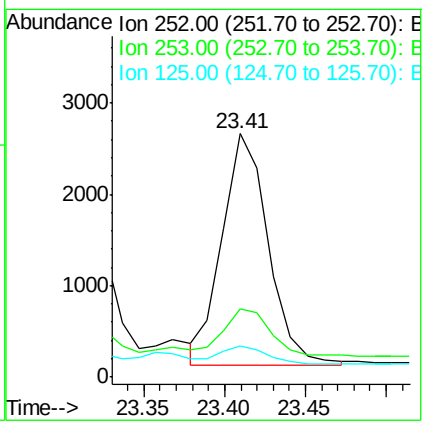


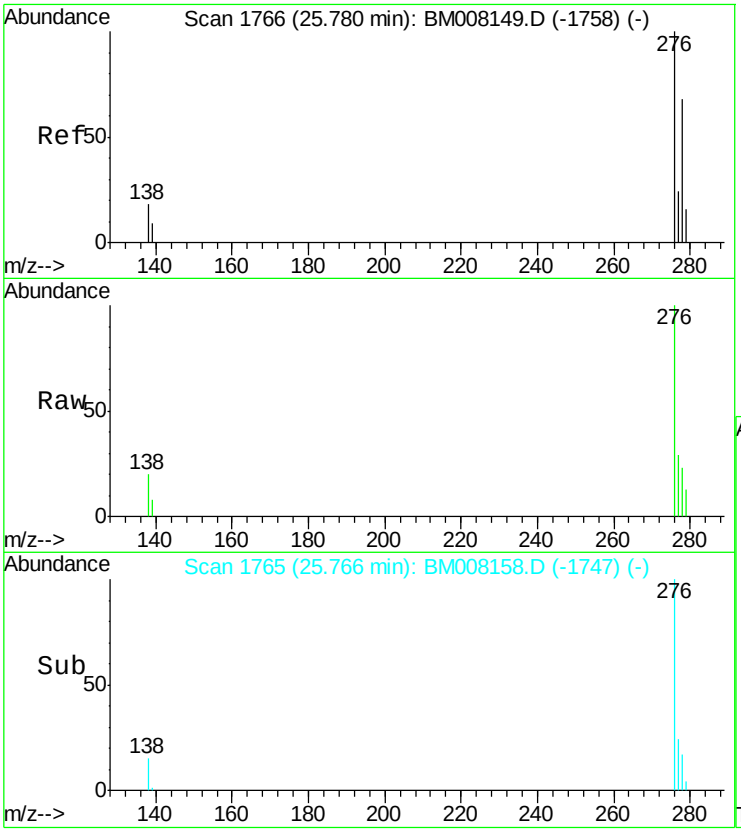


#23
Benzo(a)pyrene
Concen: 0.87 ng/ul m
RT: 23.41 min Scan# 1539
Delta R.T. -0.02 min
Lab File: BM008158.D
Acq: 02 Dec 2016 16:15

Tgt Ion:252 Resp: 5074

Ion	Ratio	Lower	Upper
252	100		
253	27.9	28.5	42.7#
125	12.8	18.1	27.1#

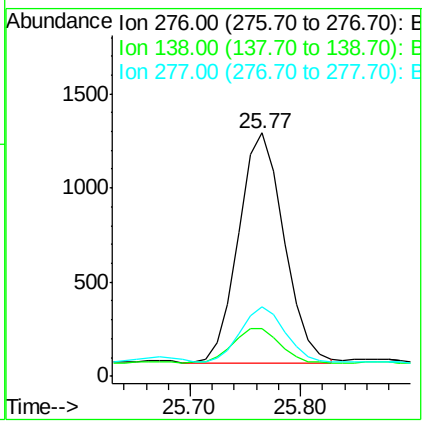




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.49 ng/ul m
RT: 25.77 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BM008158.D
Acq: 02 Dec 2016 16:15

Tgt Ion:276 Resp: 3546

Ion	Ratio	Lower	Upper
276	100		
138	27.5	19.1	28.7
277	21.9	19.6	29.4



Instrument :
BNA_M
ClientSampleId :
A4WH6MSD

Manual Integrations APPROVED
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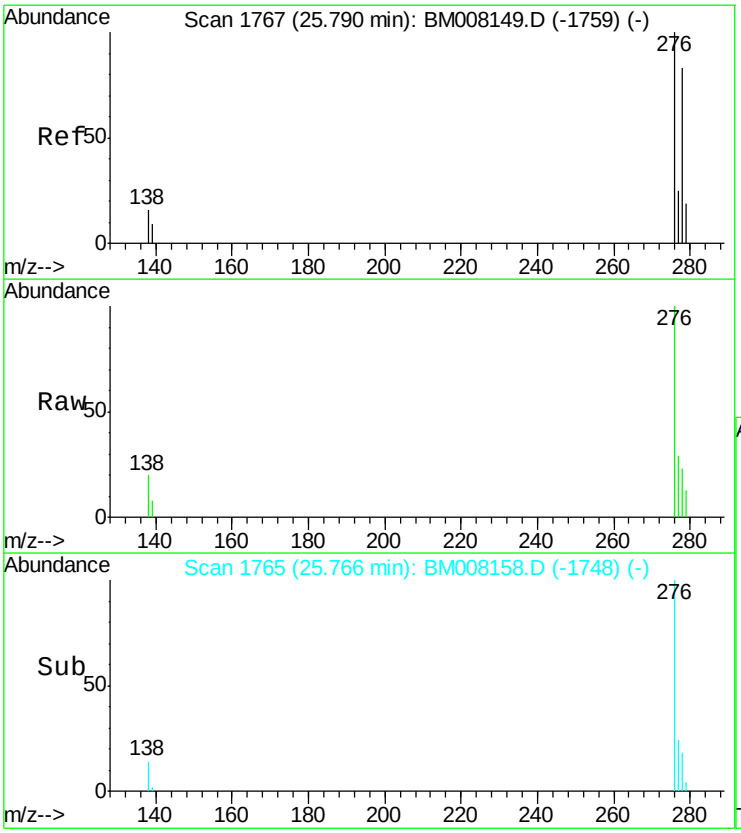
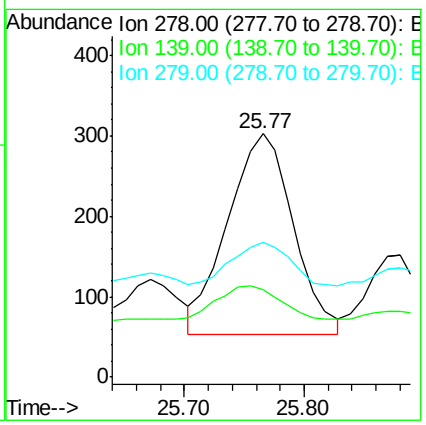
12/5/2016 11:17:35 AM

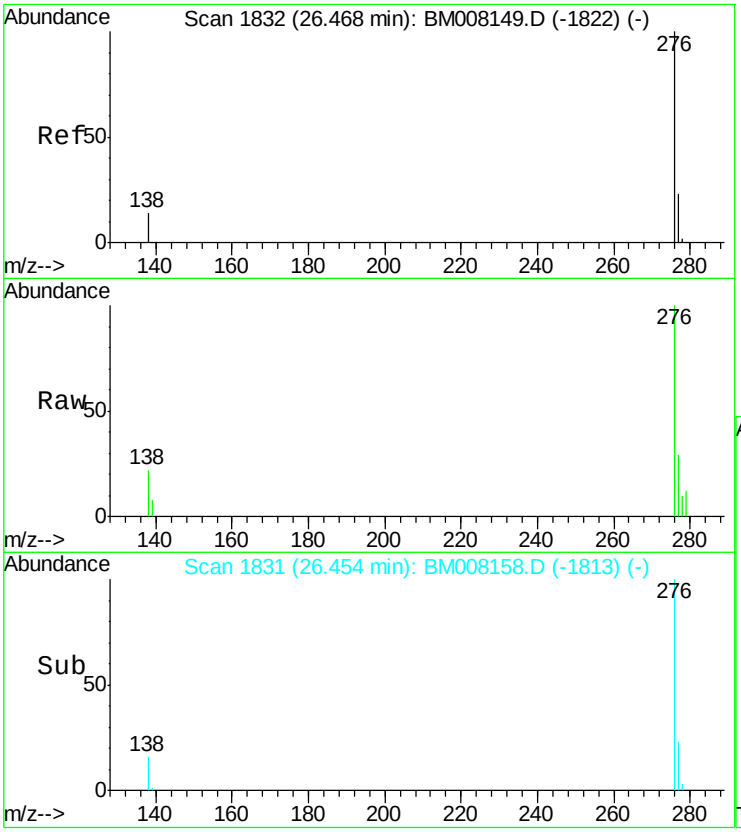


#25
Dibenzo(a,h)anthracene
Concen: 0.17 ng/ul m
RT: 25.77 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BM008158.D
Acq: 02 Dec 2016 16:15

Tgt Ion:278 Resp: 953

Ion	Ratio	Lower	Upper
278	100		
139	36.0	17.4	26.0#
279	55.1	25.9	38.9#

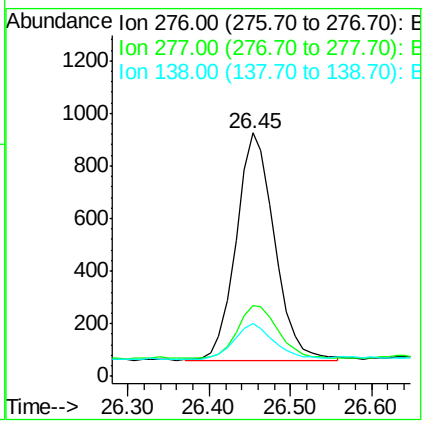




#26
Benzo(g,h,i)perylene
Concen: 0.45 ng/ul m
RT: 26.45 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BM008158.D
Acq: 02 Dec 2016 16:15

Tgt Ion:276 Resp: 2861

Ion	Ratio	Lower	Upper
276	100		
277	29.3	21.8	32.8
138	21.8	20.5	30.7



Instrument :
BNA_M
ClientSampleId :
A4WH6MSD

Manual Integrations APPROVED
sohil
12/5/2016 11:17:35 AM