Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002627.D
Acq On : 01 Sep 2015 14:15
Operator : UM/IZ
Sample : G3456-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9E98

Manual Integrations APPROVED
MMDadoda
9/2/2015 1:35:34 PM

Quant Time: Sep 01 15:28:57 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 07:11:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	120538	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	534466	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	260456	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	438611	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	351044	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	371033	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	323763	12.16	ng/ul	0.00
10) Fluorene-d10	16.34	176	196566	10.51	ng/ul	0.00
14) Anthracene-d10	18.17	188	249233	11.78	ng/ul	0.00
18) Pyrene-d10	20.40	212	181488	11.66	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	169657	8.70	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	15.10	152	56889	2.04	ng/ul	96
9) Acenaphthene	15.43	153	24905	1.36	ng/ul	96
11) Fluorene	16.40	166	34060	1.62	ng/ul	97
13) Phenanthrene	18.12	178	706231	27.88	ng/ul	99
15) Anthracene	18.21	178	234575	9.14	ng/ul	100
16) Fluoranthene	20.07	202	1421266	49.57	ng/ul	97
19) Pyrene	20.43	202	1113324	54.14	ng/ul	99
20) Benzo(a)anthracene	22.14	228	641621	30.56	ng/ul	99
21) Chrysene	22.20	228	567192	28.89	ng/ul	97
23) Benzo(b)fluoranthene	23.99	252	814274	36.30	ng/ul	97
24) Benzo(k)fluoranthene	24.03	252	242946m	11.43	ng/ul	
26) Benzo(a)pyrene	24.68	252	529972	24.74	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.57	276	371093	15.06	ng/ul	95
28) Dibenzo(a,h)anthracene	27.56	278	109567	5.32	ng/ul#	76
29) Benzo(g,h,i)perylene	28.43	276	299337	14.59	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002627.D
Acq On : 01 Sep 2015 14:15
Operator : UM/IZ
Sample : G3456-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Sep 01 15:28:57 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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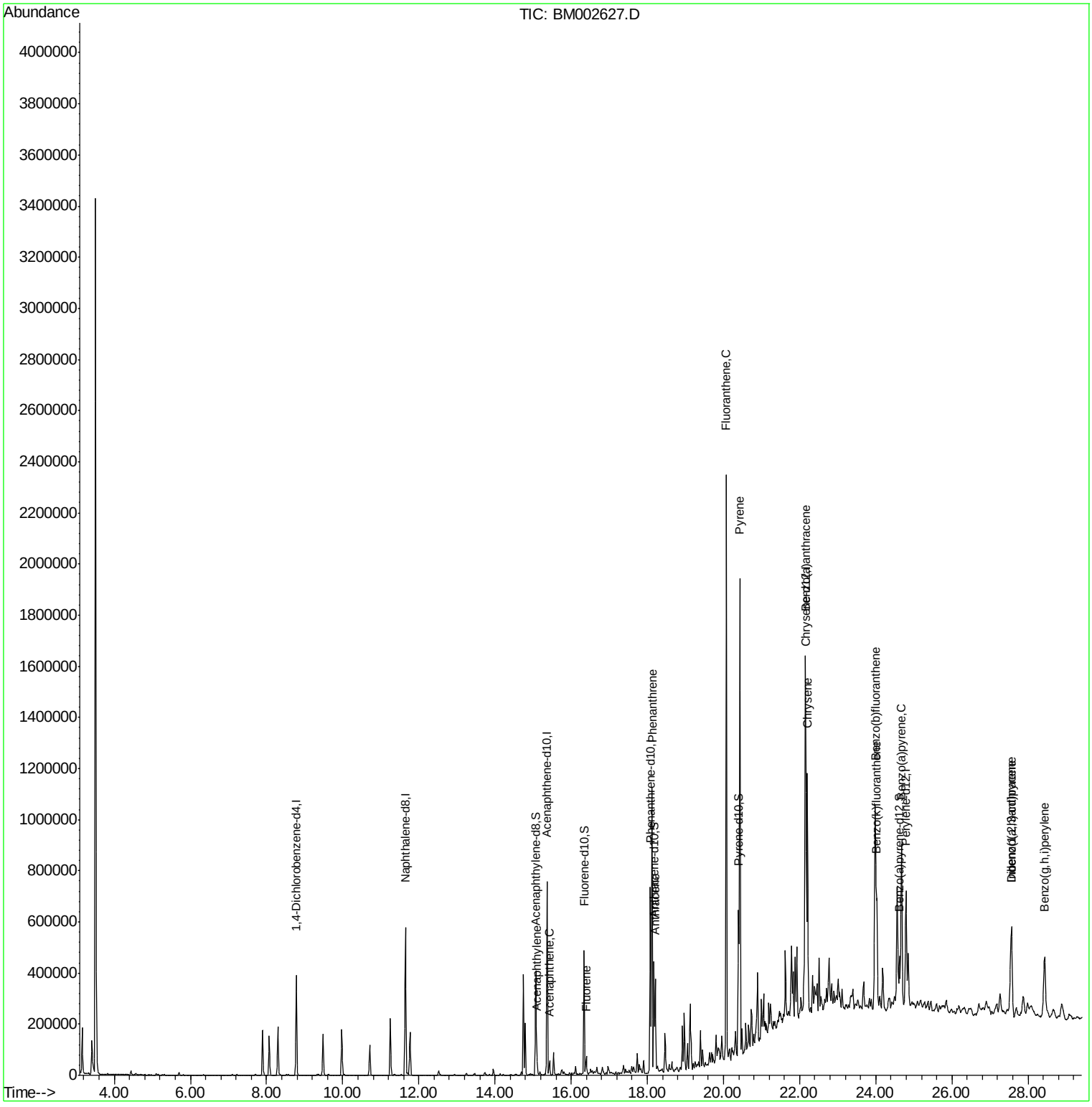
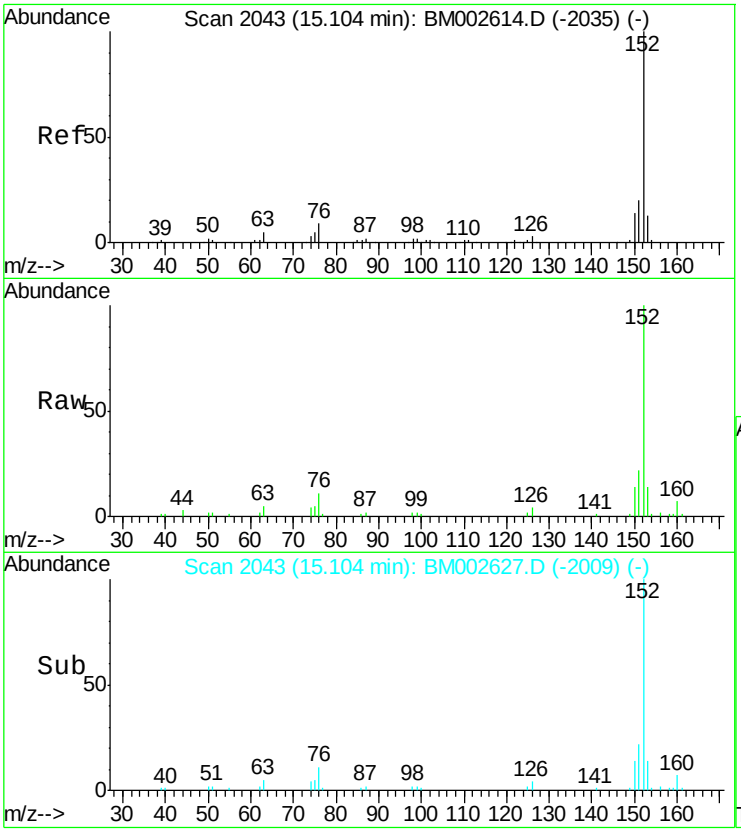
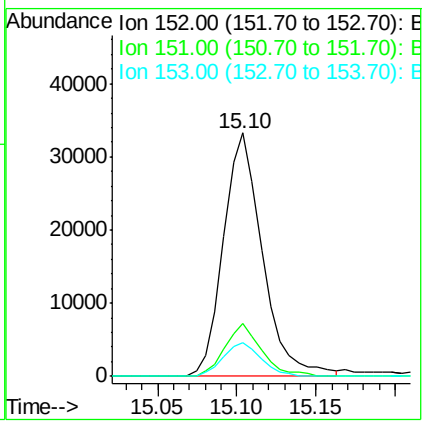




#8
Acenaphthylene
Concen: 2.04 ng/ul
RT: 15.10 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BM002627.D
Acq: 01 Sep 2015 14:15

Tgt Ion:152 Resp: 56889

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.7	23.5
153	14.1	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
D9E98

Manual Integrations APPROVED
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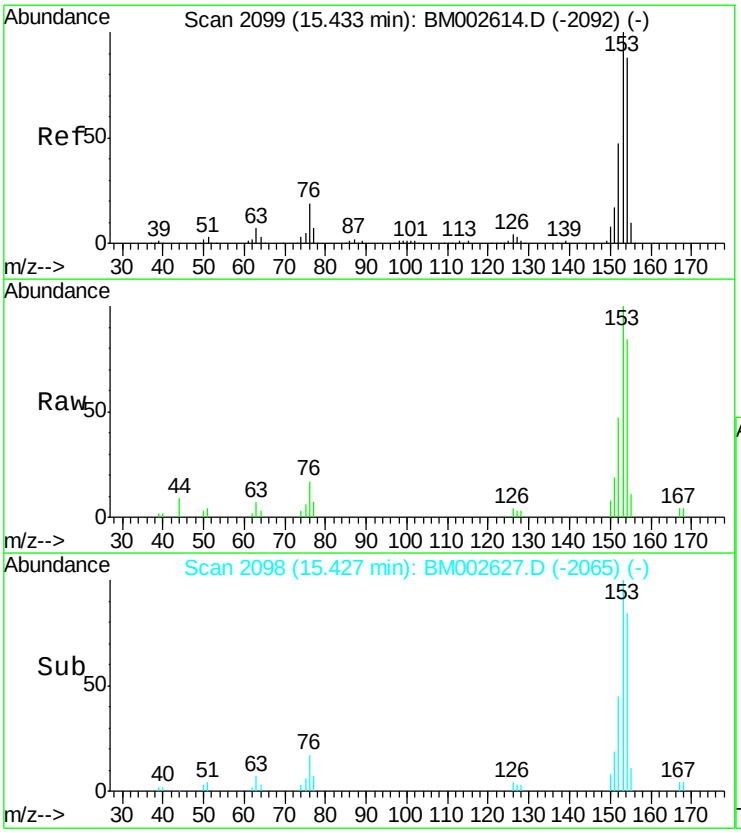
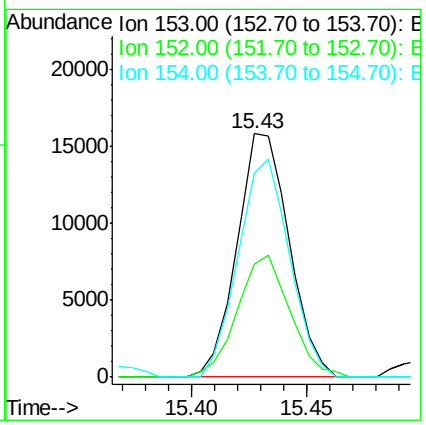
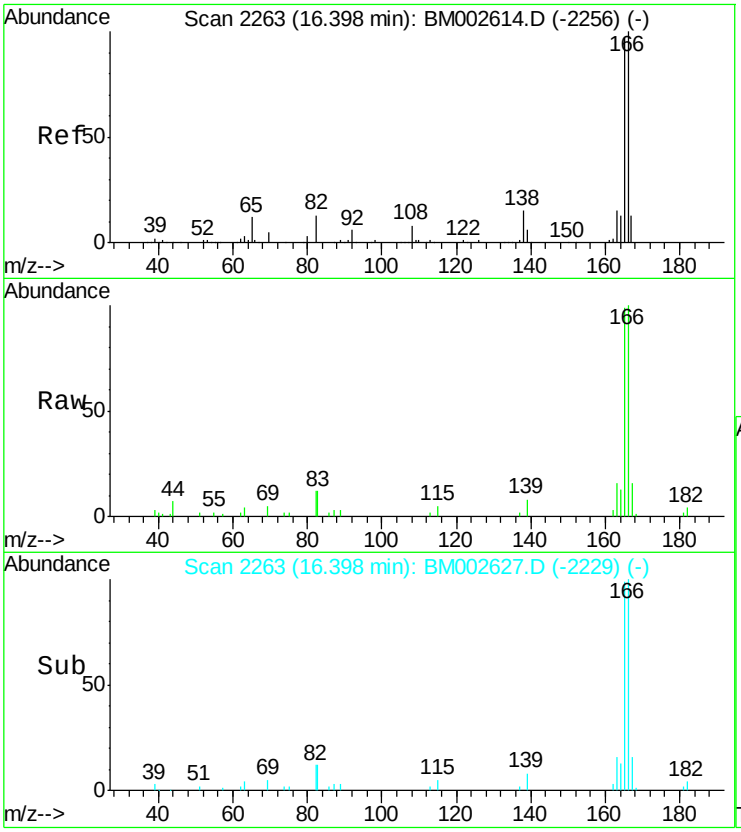


#9
Acenaphthene
Concen: 1.36 ng/ul
RT: 15.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM002627.D
Acq: 01 Sep 2015 14:15

Tgt Ion:153 Resp: 24905

Ion	Ratio	Lower	Upper
153	100		
152	46.7	36.9	55.3
154	84.0	71.3	106.9

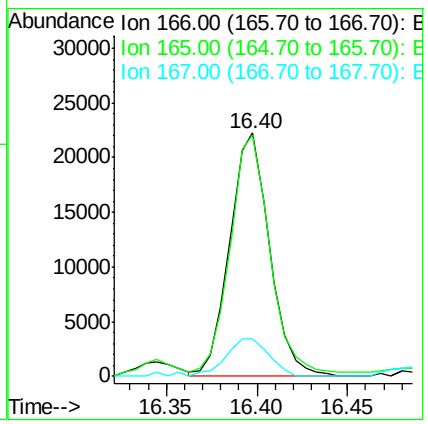




#11
Fluorene
Concen: 1.62 ng/ul
RT: 16.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BM002627.D
Acq: 01 Sep 2015 14:15

Tgt Ion:166 Resp: 34060

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.6	116.4
167	15.7	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
D9E98

Manual Integrations APPROVED
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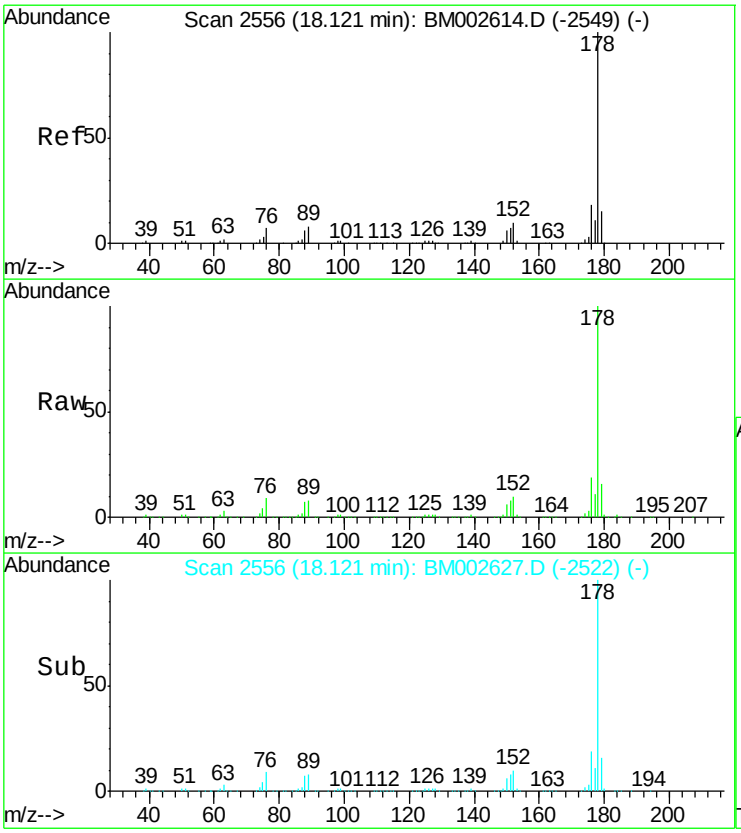
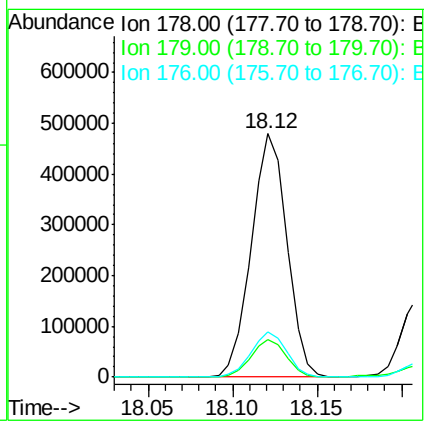
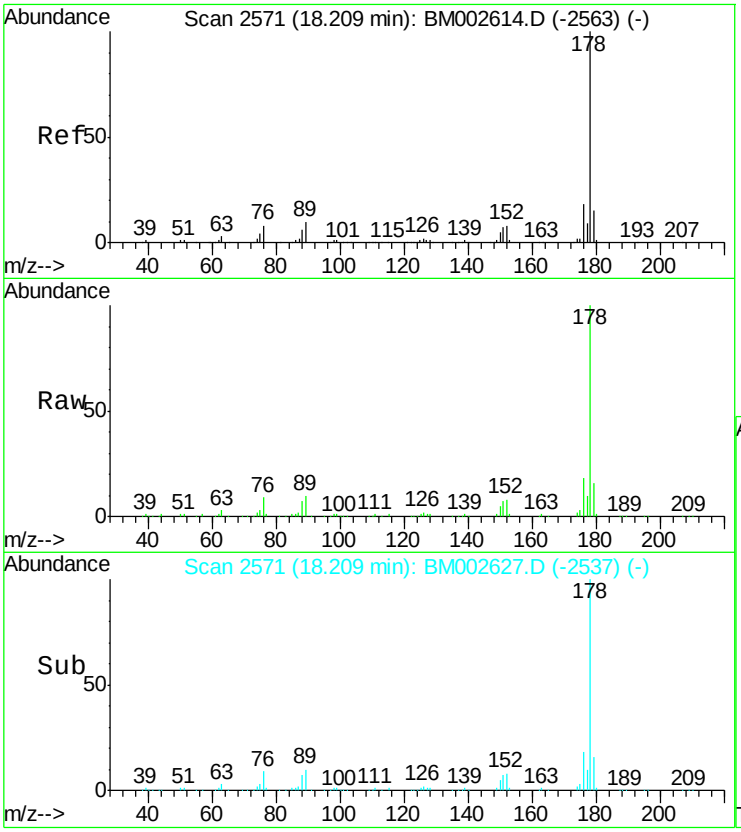


#13
Phenanthrene
Concen: 27.88 ng/ul
RT: 18.12 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BM002627.D
Acq: 01 Sep 2015 14:15

Tgt Ion:178 Resp: 706231

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	18.6	15.1	22.7

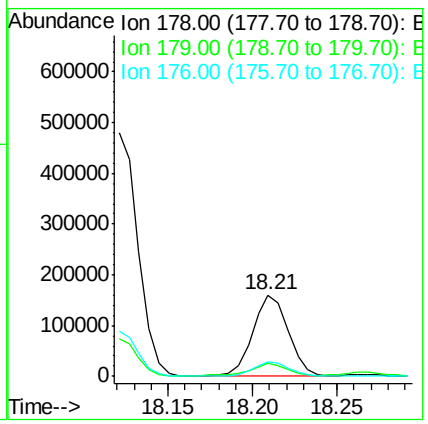




#15
Anthracene
Concen: 9.14 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. 0.00 min
Lab File: BM002627.D
Acq: 01 Sep 2015 14:15

Tgt Ion:178 Resp: 234575

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	17.9	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
D9E98

Manual Integrations APPROVED
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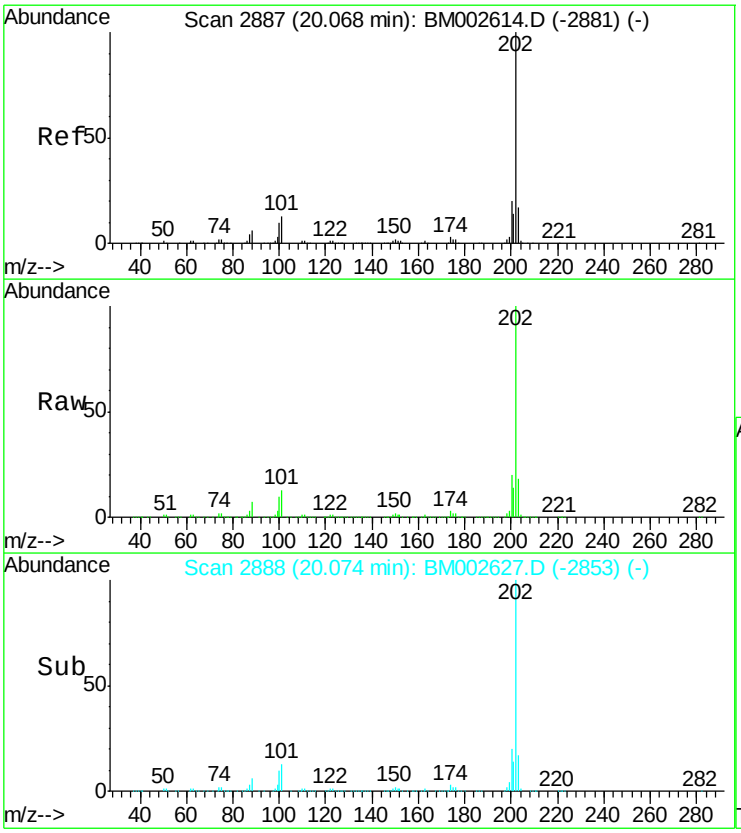
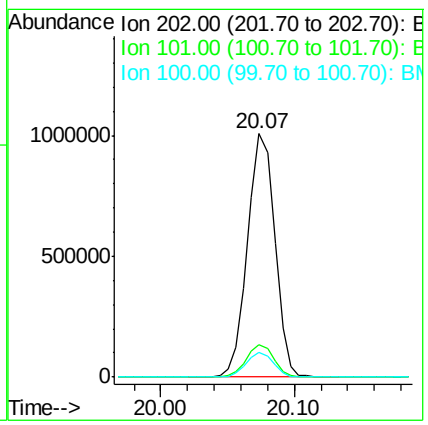
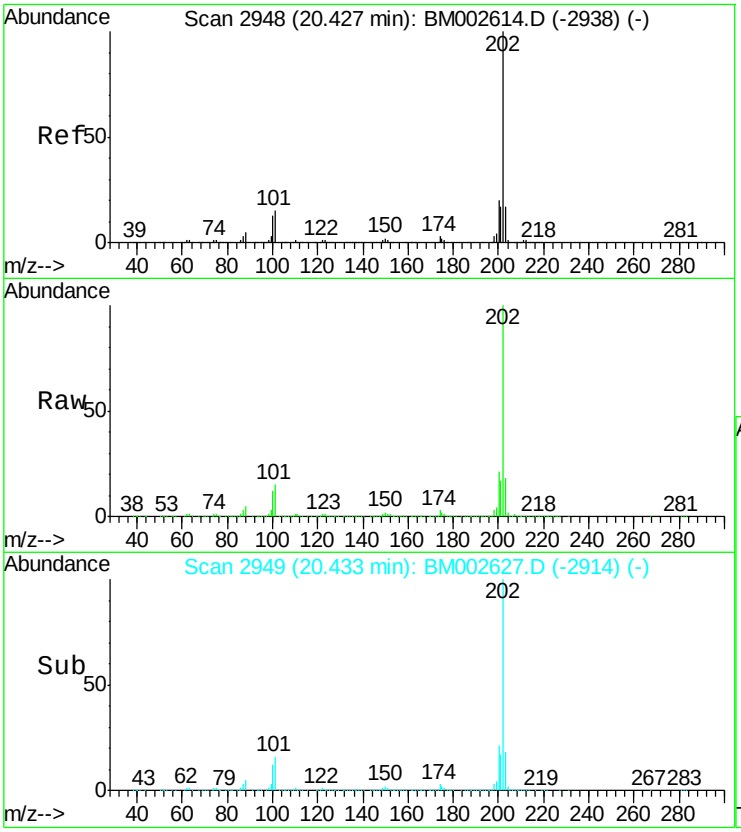


#16
Fluoranthene
Concen: 49.57 ng/ul
RT: 20.07 min Scan# 2888
Delta R.T. 0.01 min
Lab File: BM002627.D
Acq: 01 Sep 2015 14:15

Tgt Ion:202 Resp: 1421266

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.7	14.5
100	10.2	7.4	11.2

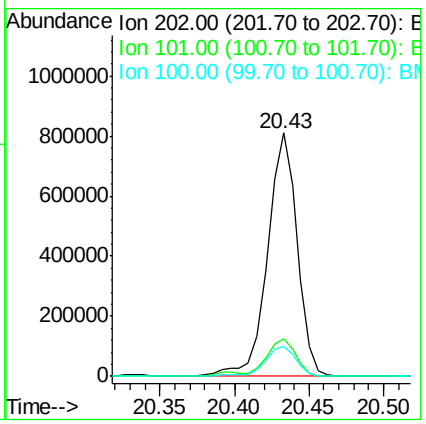




#19
Pyrene
Concen: 54.14 ng/ul
RT: 20.43 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BM002627.D
Acq: 01 Sep 2015 14:15

Tgt Ion:202 Resp: 1113324

Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.0	18.0
100	12.5	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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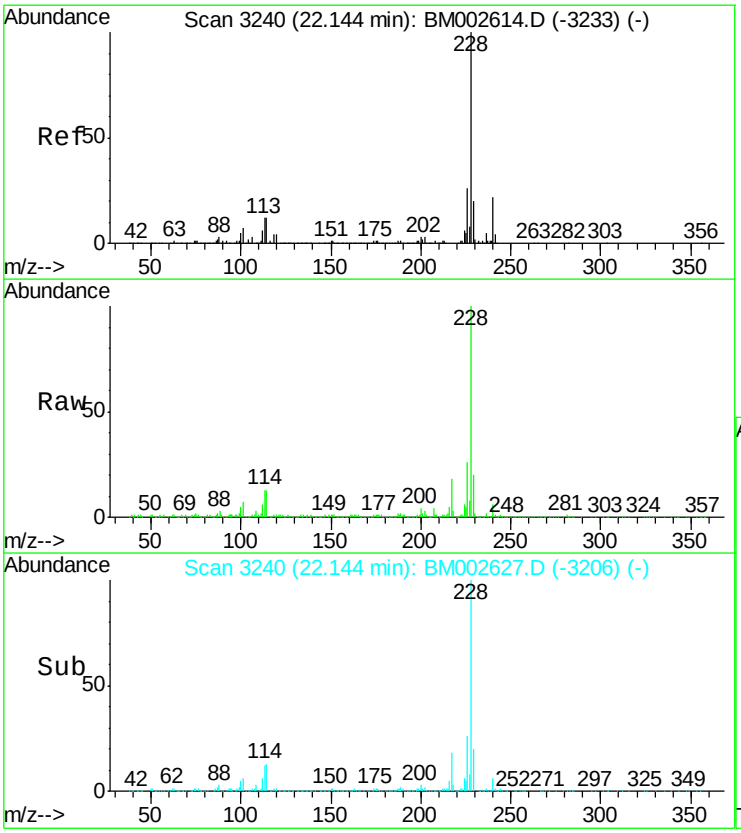
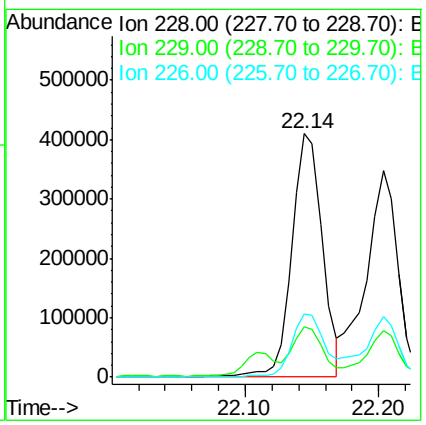
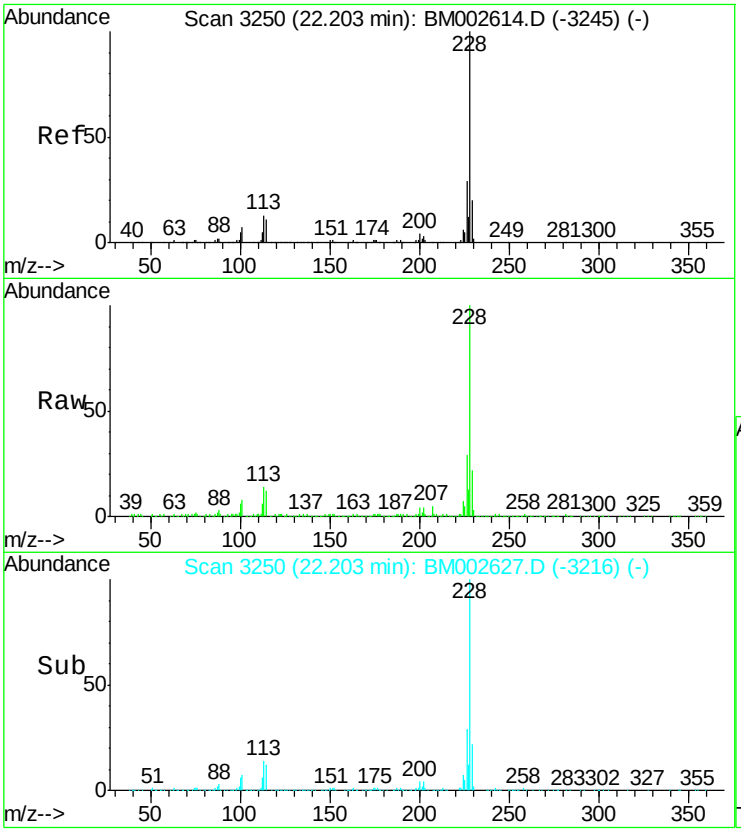


#20
Benzo(a)anthracene
Concen: 30.56 ng/ul
RT: 22.14 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BM002627.D
Acq: 01 Sep 2015 14:15

Tgt Ion:228 Resp: 641621

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.6
226	26.1	21.1	31.7

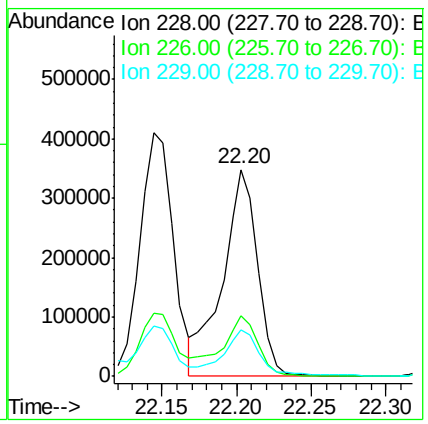




#21
Chrysene
Concen: 28.89 ng/ul
RT: 22.20 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BM002627.D
Acq: 01 Sep 2015 14:15

Tgt Ion:228 Resp: 567192

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	22.5	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
D9E98

Manual Integrations APPROVED
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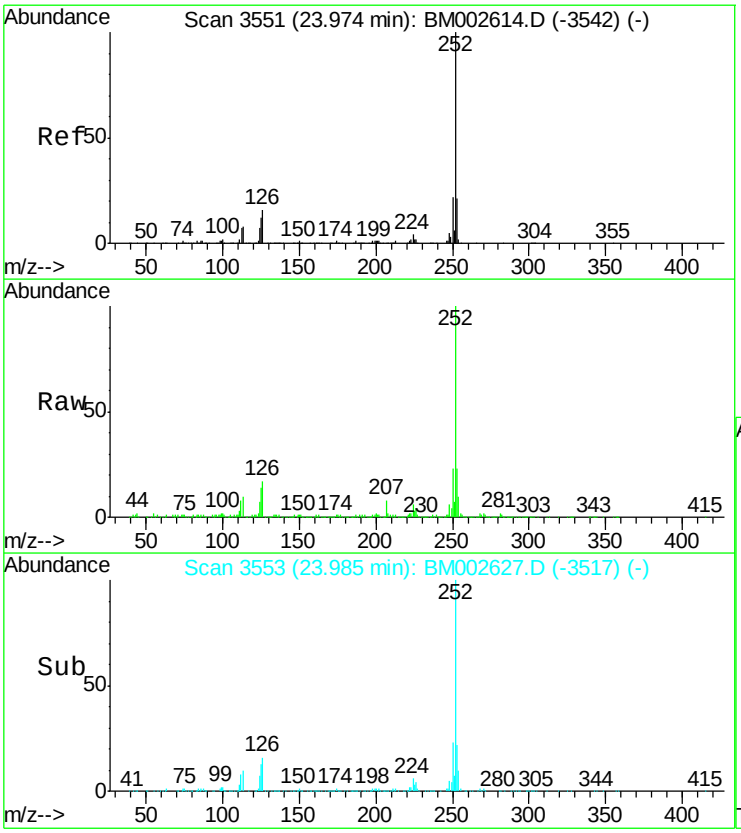
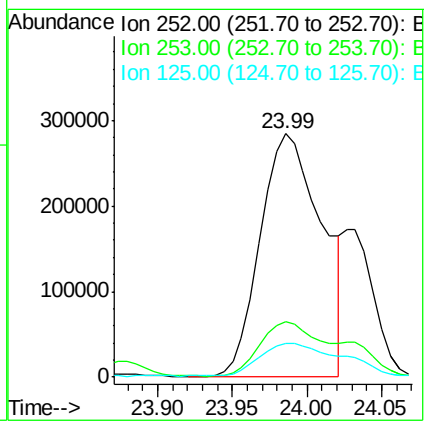
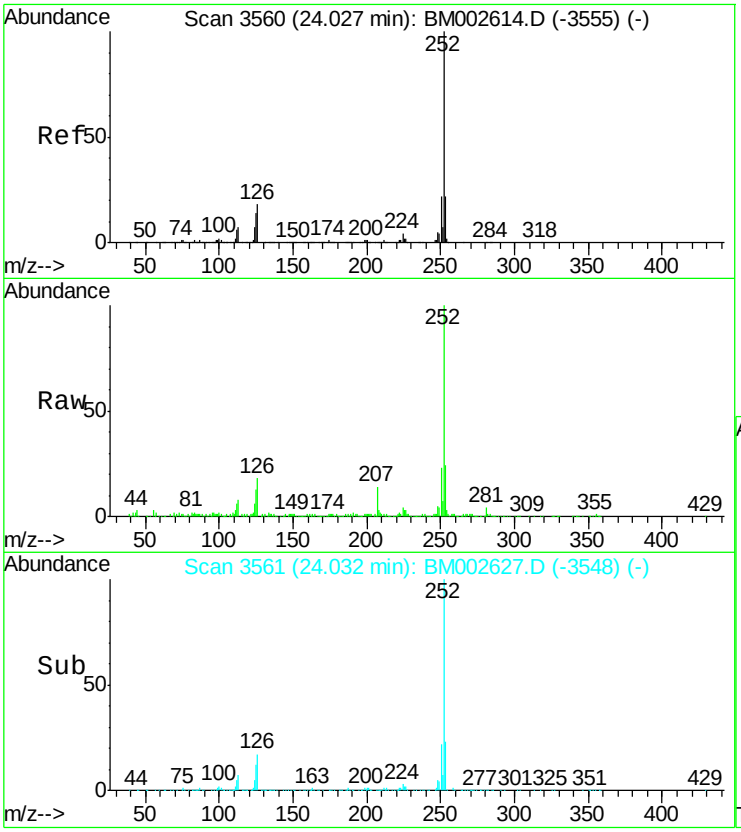


#23
Benzo(b)fluoranthene
Concen: 36.30 ng/ul
RT: 23.99 min Scan# 3553
Delta R.T. 0.01 min
Lab File: BM002627.D
Acq: 01 Sep 2015 14:15

Tgt Ion:252 Resp: 814274

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	13.9	10.0	15.0

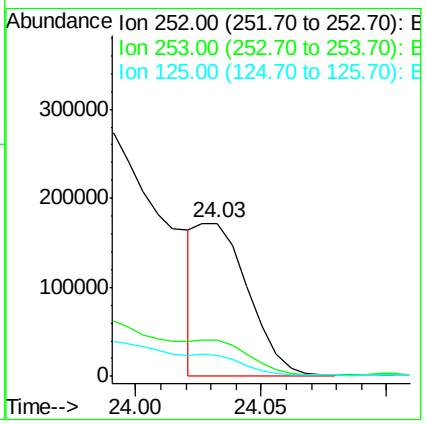




#24
Benzo(k)fluoranthene
Concen: 11.43 ng/ul m
RT: 24.03 min Scan# 3561
Delta R.T. 0.01 min
Lab File: BM002627.D
Acq: 01 Sep 2015 14:15

Tgt Ion:252 Resp: 242946

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	13.4	9.8	14.8



Instrument :
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ClientSampleId :
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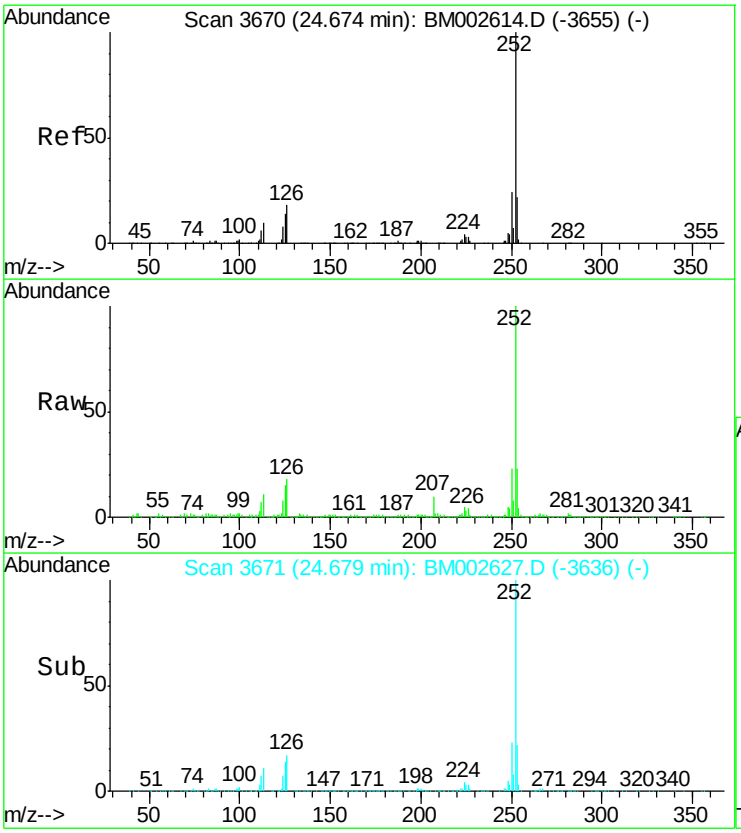
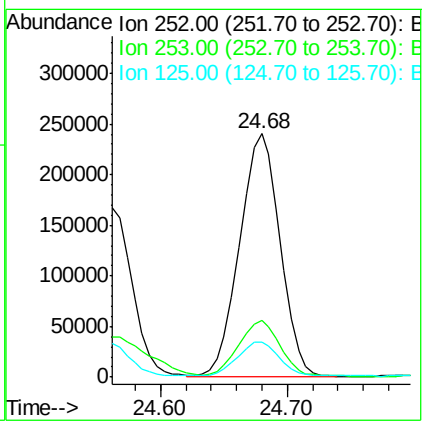
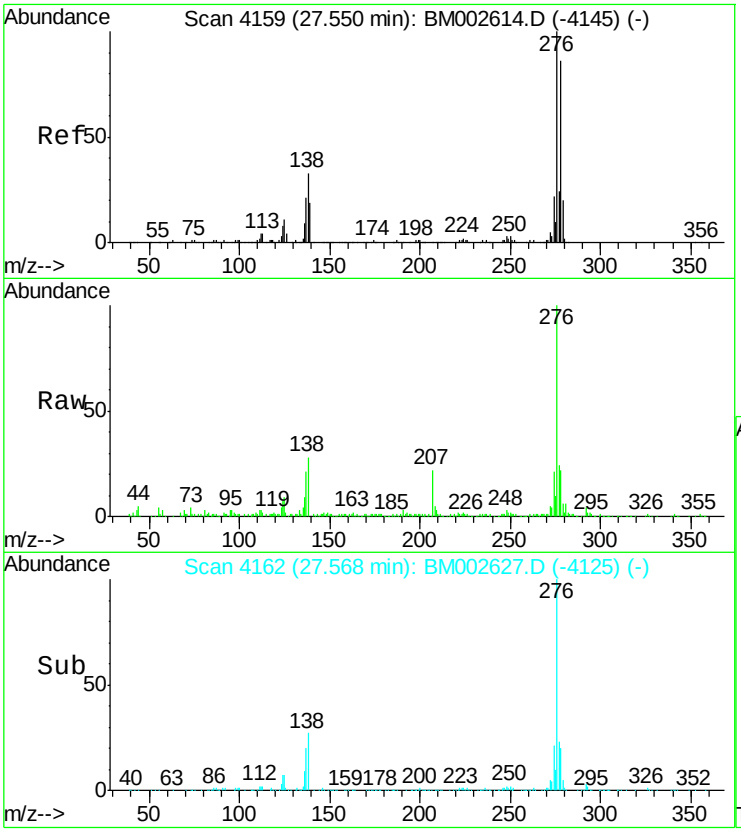


#26
Benzo(a)pyrene
Concen: 24.74 ng/ul
RT: 24.68 min Scan# 3671
Delta R.T. 0.01 min
Lab File: BM002627.D
Acq: 01 Sep 2015 14:15

Tgt Ion:252 Resp: 529972

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	14.6	10.7	16.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 15.06 ng/ul
RT: 27.57 min Scan# 4162
Delta R.T. 0.02 min
Lab File: BM002627.D
Acq: 01 Sep 2015 14:15

Tgt Ion:276 Resp: 371093

Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.3	37.9
277	24.1	20.2	30.2

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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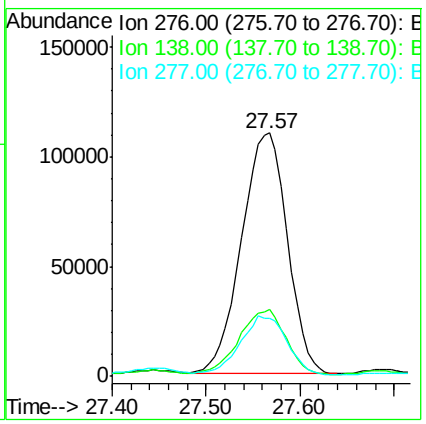
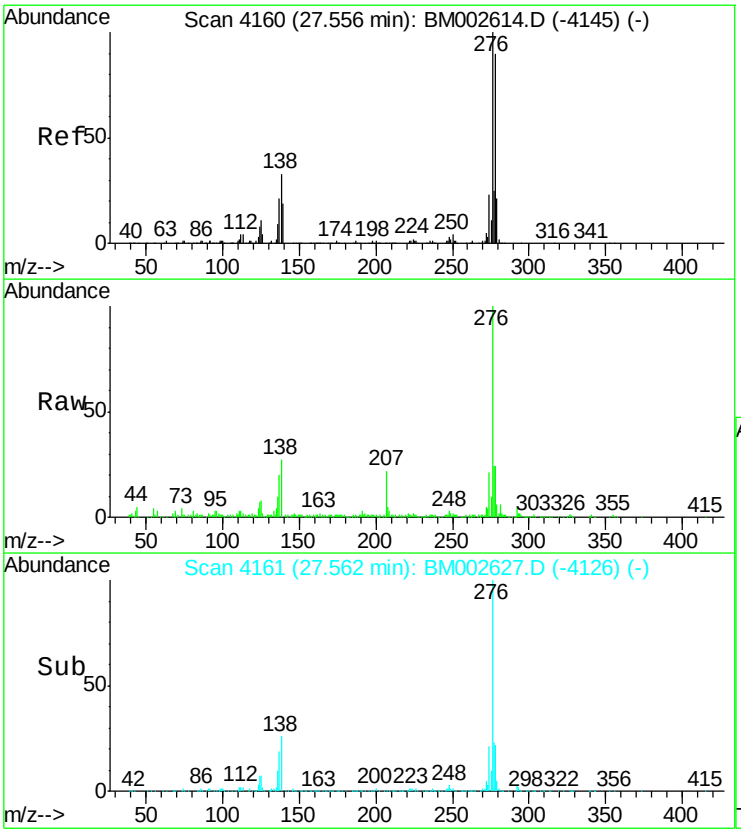
9/2/2015 1:35:34 PM

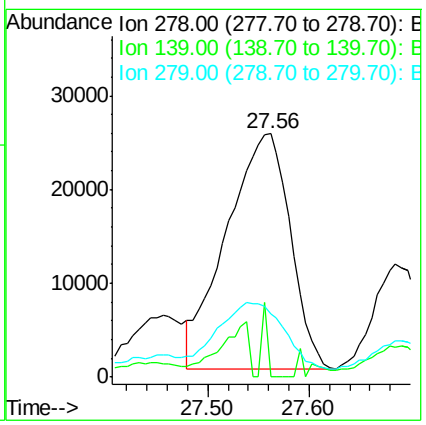


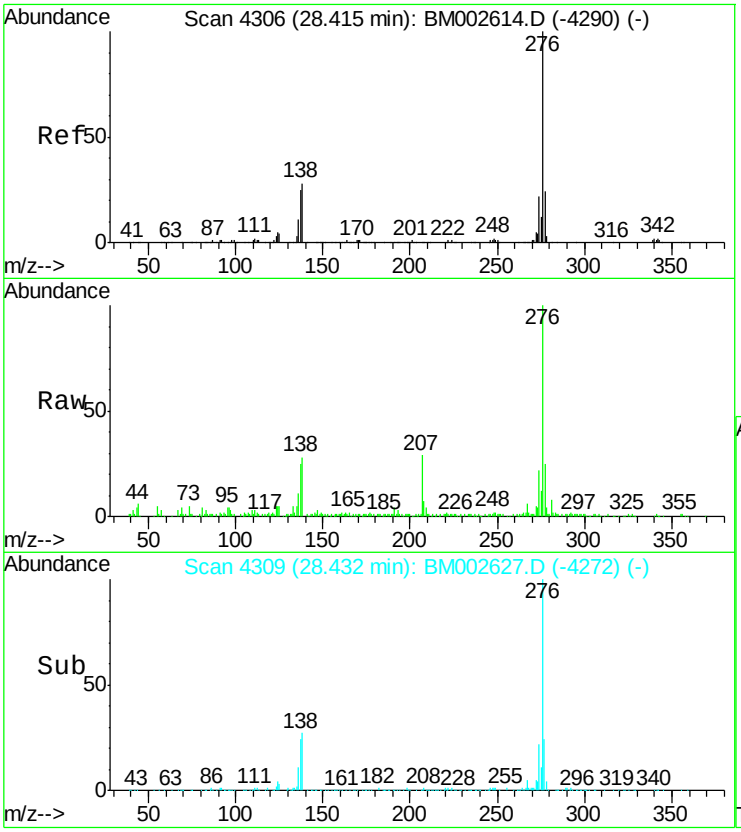


#28
Dibenzo(a,h)anthracene
Concen: 5.32 ng/ul
RT: 27.56 min Scan# 4161
Delta R.T. 0.01 min
Lab File: BM002627.D
Acq: 01 Sep 2015 14:15

Tgt Ion:278 Resp: 109567

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.5	24.7#
279	26.1	18.8	28.2

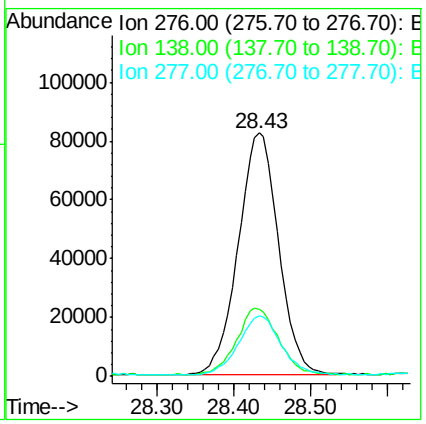




#29
Benzo(g,h,i)perylene
Concen: 14.59 ng/ul
RT: 28.43 min Scan# 4309
Delta R.T. 0.02 min
Lab File: BM002627.D
Acq: 01 Sep 2015 14:15

Tgt Ion:276 Resp: 299337

Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.0	31.6
277	24.7	19.2	28.8



Instrument :
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ClientSampleId :
D9E98

Manual Integrations APPROVED
MMDadoda
9/2/2015 1:35:34 PM