Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
Data File : BM009183.D
Acq On : 10 Mar 2017 19:57
Operator : SJ/MA
Sample : I2107-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ4

Manual Integrations APPROVED
mohammad
3/13/2017 2:14:08 PM

Quant Time: Mar 11 02:12:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 00:54:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	296	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	928	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	544	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1296m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1308	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1232m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	374	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1028	0.25	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	355	0.13	ng/ul#	67
5) 2-Methylnaphthalene	12.34	142	275	0.14	ng/ul	98
7) Acenaphthylene	14.23	152	710	0.25	ng/ul#	83
9) Fluorene	15.56	166	655m	0.26	ng/ul	
12) Phenanthrene	17.30	178	4333	1.06	ng/ul	97
13) Anthracene	17.40	178	1331	0.33	ng/ul#	94
15) Fluoranthene	19.32	202	7422m	1.40	ng/ul	
17) Pyrene	19.68	202	6882	1.53	ng/ul	99
18) Benzo(a)anthracene	21.42	228	4304	0.99	ng/ul	93
19) Chrysene	21.47	228	3651m	0.89	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	5535m	1.14	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	1378m	0.32	ng/ul	
23) Benzo(a)pyrene	23.67	252	3127m	0.72	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	2108m	0.38	ng/ul	
25) Dibenzo(a,h)anthracene	26.17	278	560m	0.12	ng/ul	
26) Benzo(g,h,i)perylene	26.88	276	1858m	0.39	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
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Acq On : 10 Mar 2017 19:57
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Sample : I2107-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 00:54:34 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AJ4

Manual Integrations APPROVED

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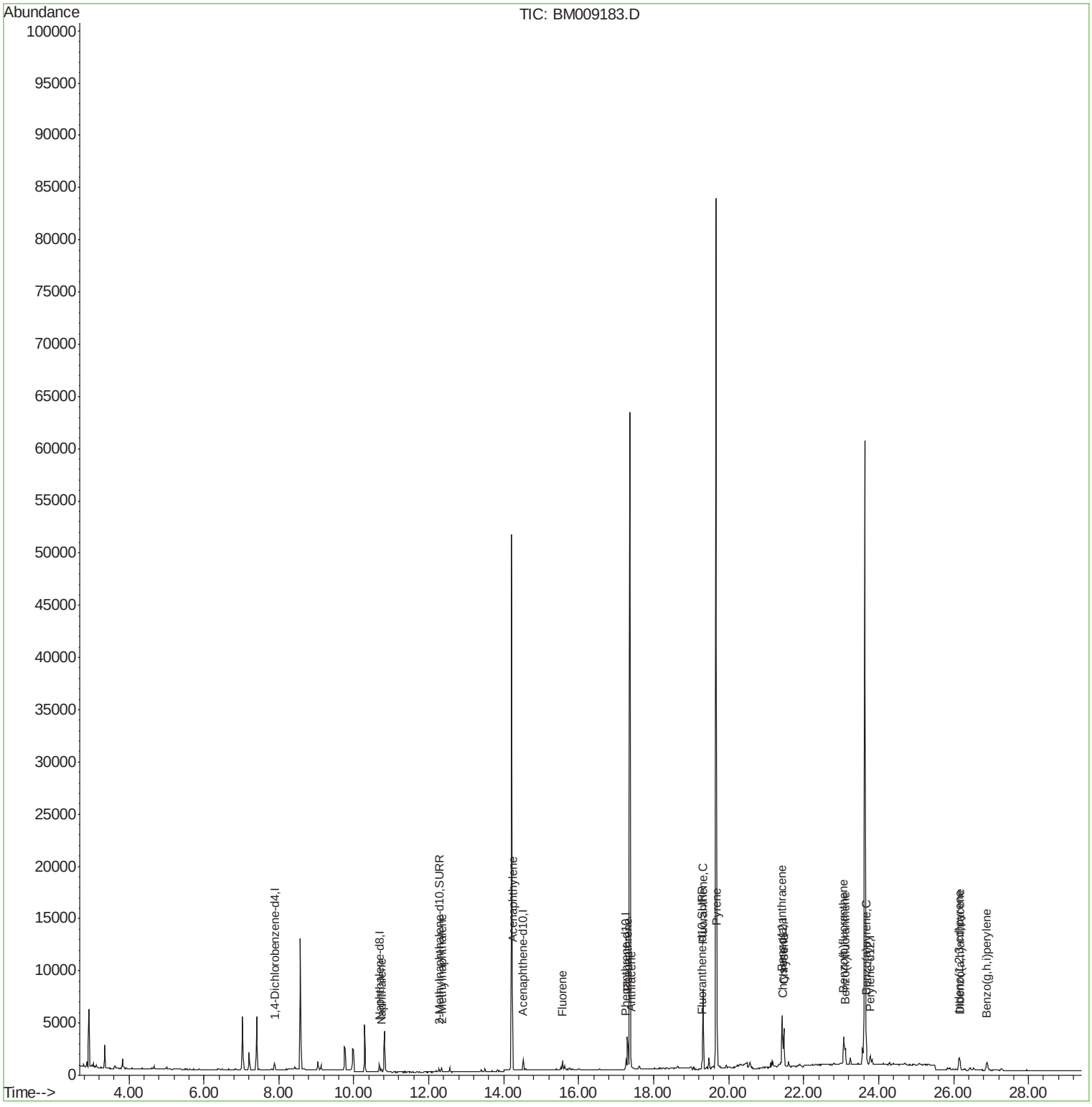

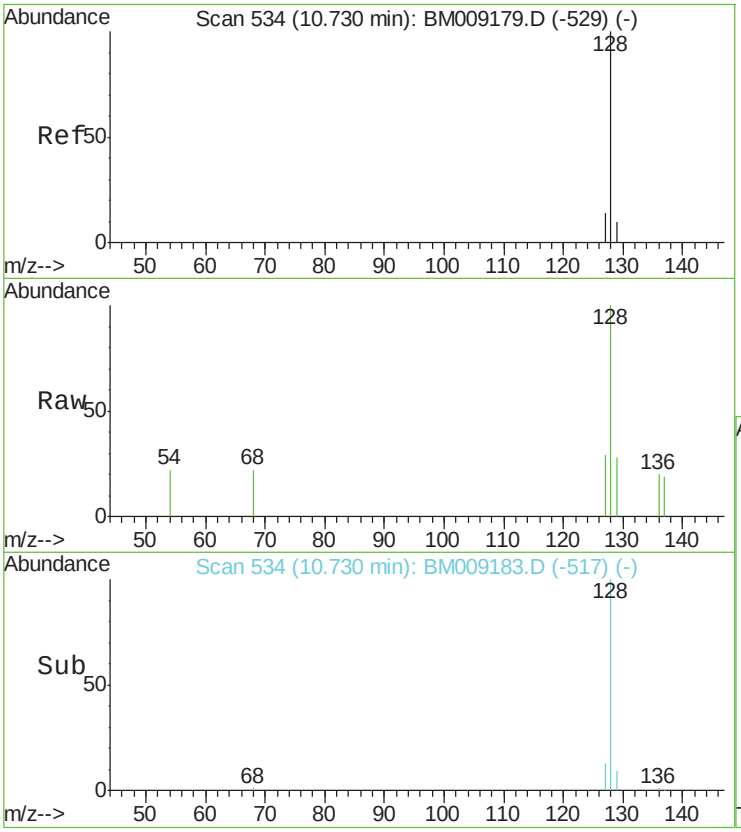

#3
Naphthalene
Concen: 0.13 ng/ul
RT: 10.73 min Scan# 534
Delta R.T. 0.00 min
Lab File: BM009183.D
Acq: 10 Mar 2017 19:57

Tgt Ion:128 Resp: 355

Ion	Ratio	Lower	Upper
128	100		
129	28.0	11.3	16.9#
127	29.2	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
C0AJ4

Manual Integrations APPROVED

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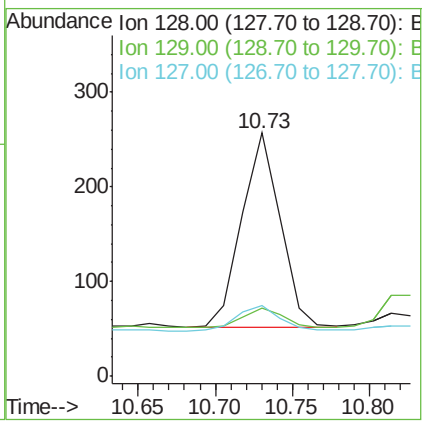
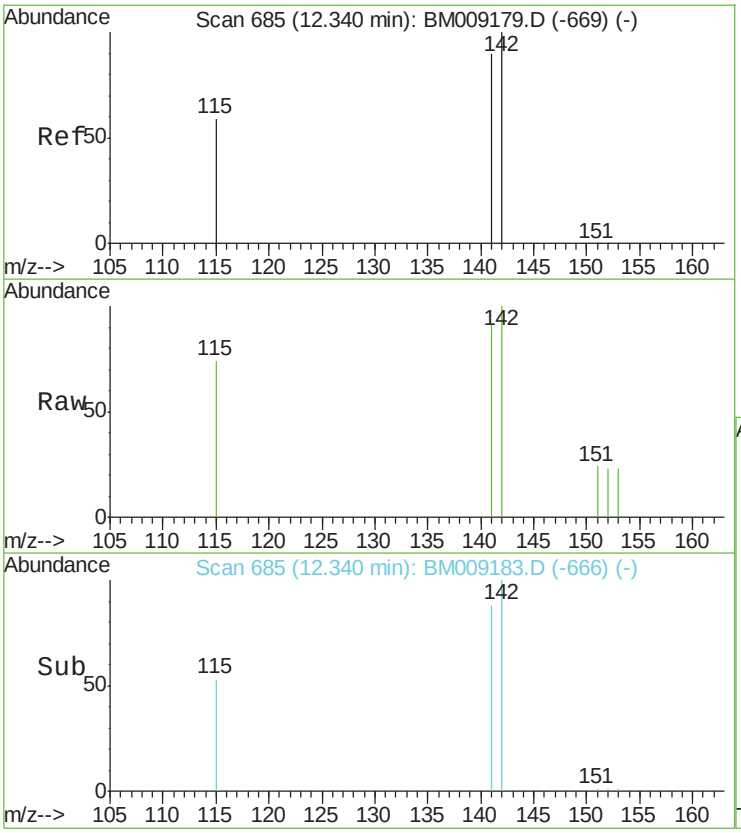
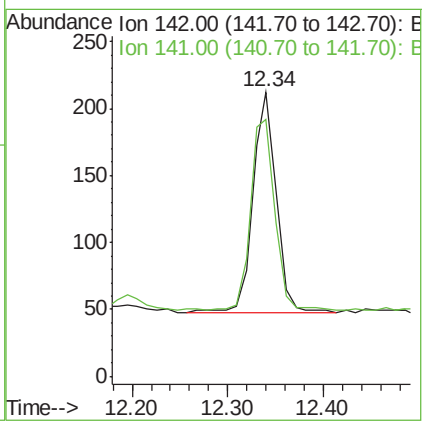


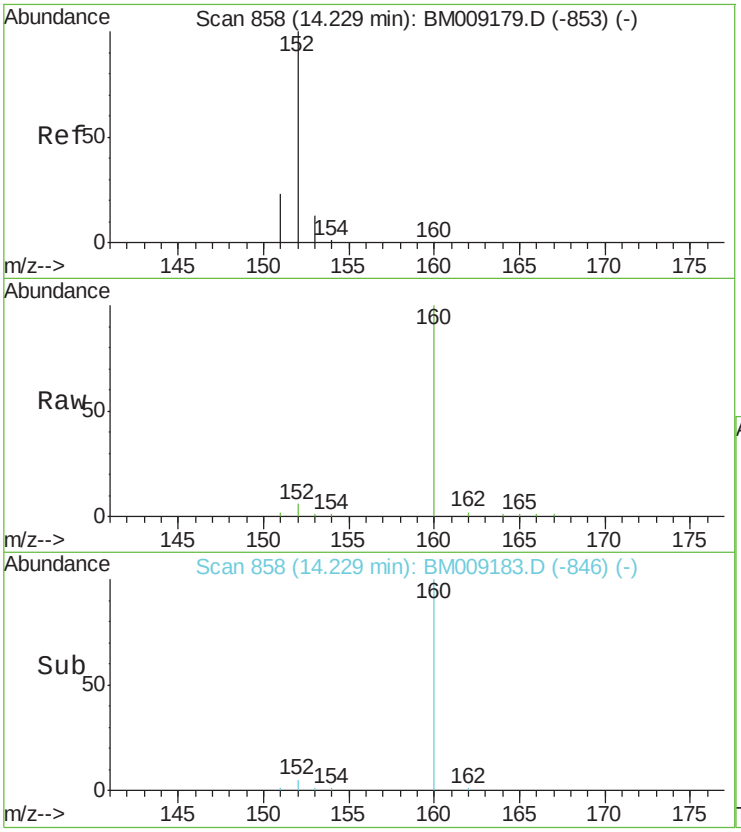


#5
2-Methylnaphthalene
Concen: 0.14 ng/ul
RT: 12.34 min Scan# 685
Delta R.T. 0.00 min
Lab File: BM009183.D
Acq: 10 Mar 2017 19:57

Tgt Ion:142 Resp: 275

Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.6	108.8





#7
Acenaphthylene
Concen: 0.25 ng/ul
RT: 14.23 min Scan# 858
Delta R.T. 0.00 min
Lab File: BM009183.D
Acq: 10 Mar 2017 19:57

Tgt Ion:152 Resp: 710

Ion	Ratio	Lower	Upper
152	100		
151	30.0	17.1	25.7#
153	22.9	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
C0AJ4

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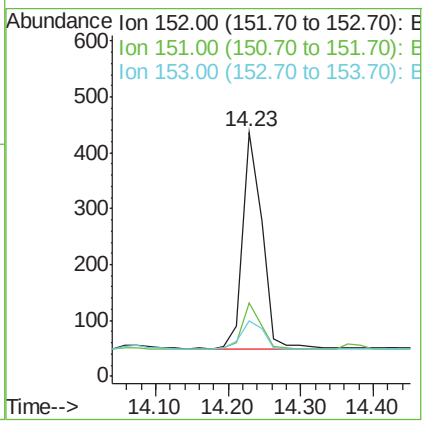
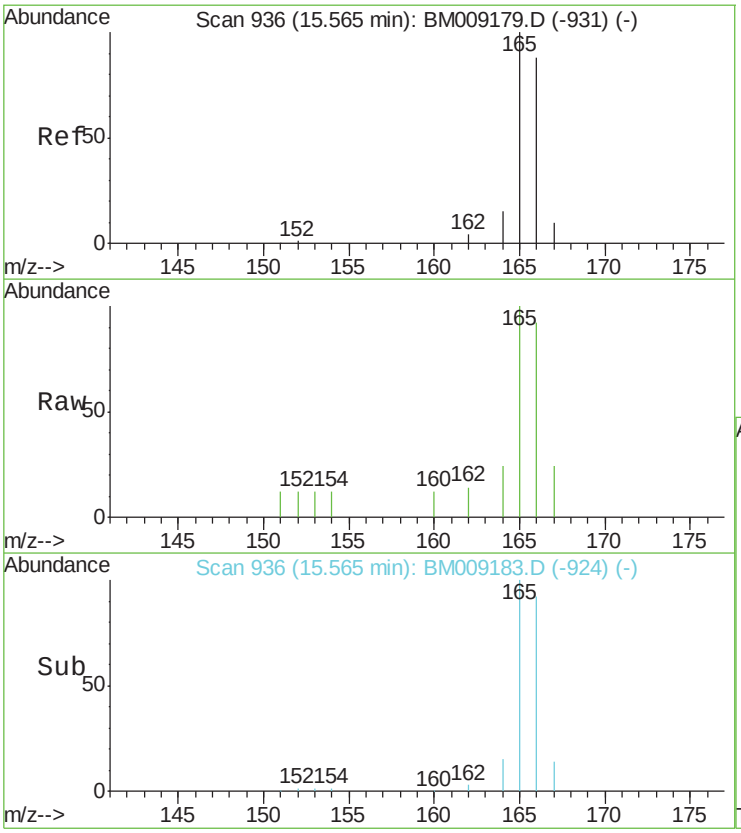
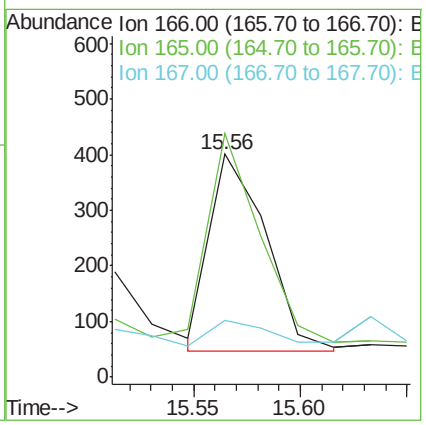


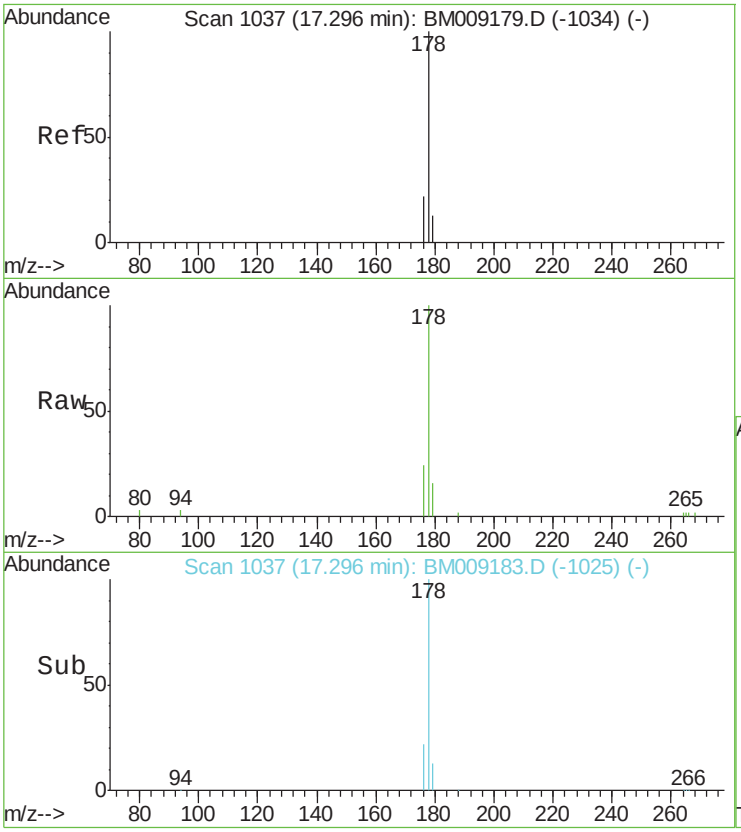


#9
Fluorene
Concen: 0.26 ng/ul m
RT: 15.56 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM009183.D
Acq: 10 Mar 2017 19:57

Tgt Ion:166 Resp: 655

Ion	Ratio	Lower	Upper
166	100		
165	109.2	73.4	110.2
167	25.7	14.6	22.0#





#12
Phenanthrene
Concen: 1.06 ng/ul
RT: 17.30 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BM009183.D
Acq: 10 Mar 2017 19:57

Tgt Ion:178 Resp: 4333

Ion	Ratio	Lower	Upper
178	100		
176	24.2	18.4	27.6
179	15.5	13.6	20.4

Instrument :
BNA_M
ClientSampleId :
C0AJ4

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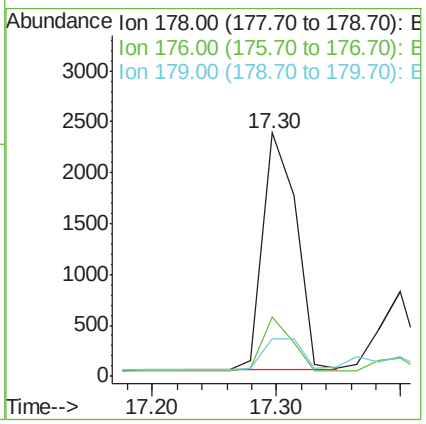
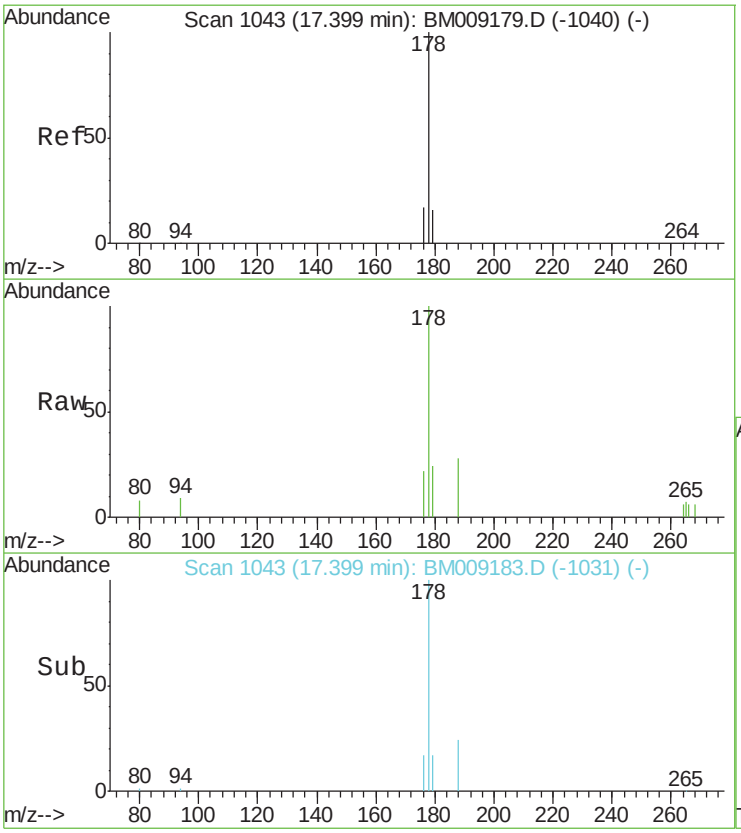
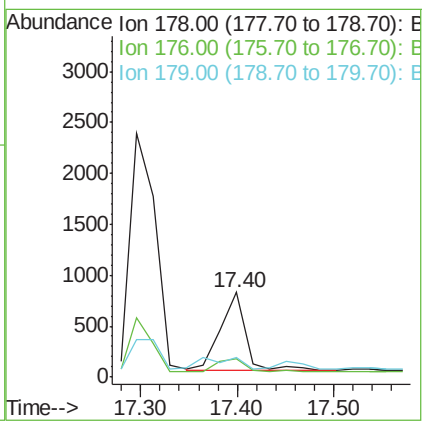


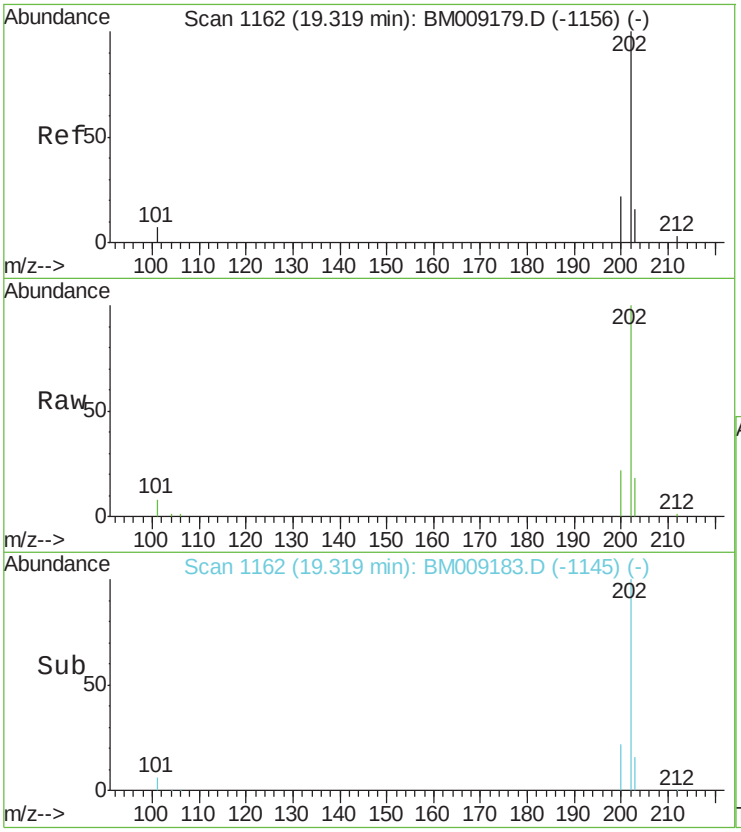


#13
Anthracene
Concen: 0.33 ng/ul
RT: 17.40 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BM009183.D
Acq: 10 Mar 2017 19:57

Tgt Ion:178 Resp: 1331

Ion	Ratio	Lower	Upper
178	100		
176	22.2	18.1	27.1
179	23.6	14.7	22.1#

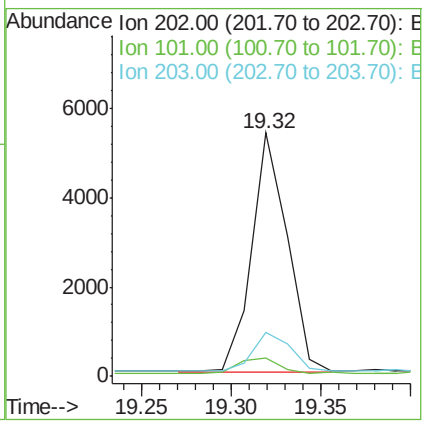




#15
Fluoranthene
Concen: 1.40 ng/ul m
RT: 19.32 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BM009183.D
Acq: 10 Mar 2017 19:57

Tgt Ion:202 Resp: 7422

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	30.3
203	18.0	0.0	39.5



Instrument :
BNA_M
ClientSampleId :
C0AJ4

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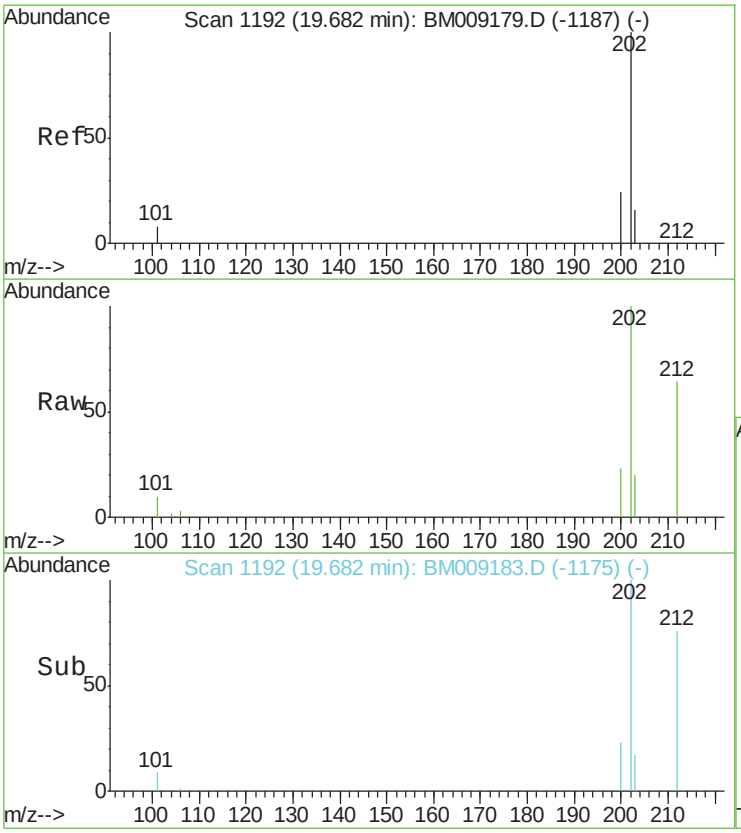
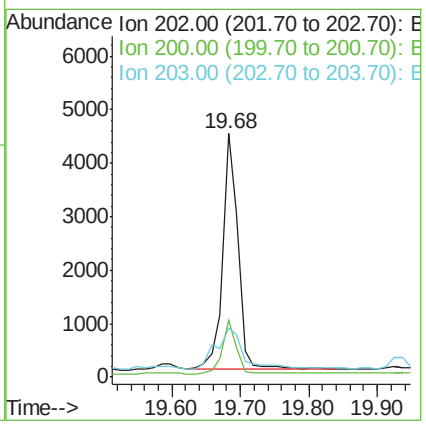
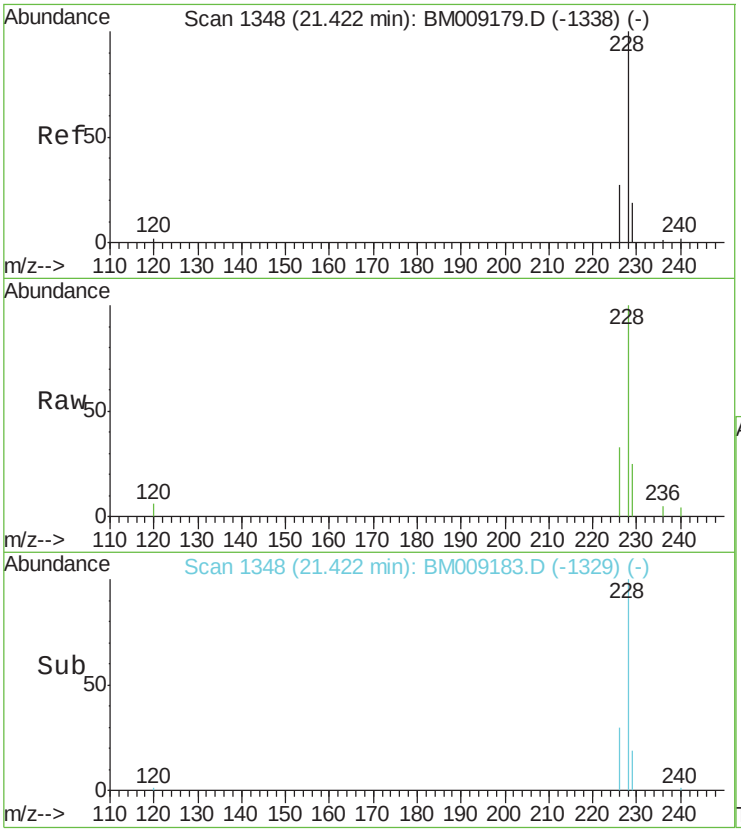


#17
Pyrene
Concen: 1.53 ng/ul
RT: 19.68 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BM009183.D
Acq: 10 Mar 2017 19:57

Tgt Ion:202 Resp: 6882

Ion	Ratio	Lower	Upper
202	100		
200	23.4	18.2	27.4
203	20.1	15.6	23.4

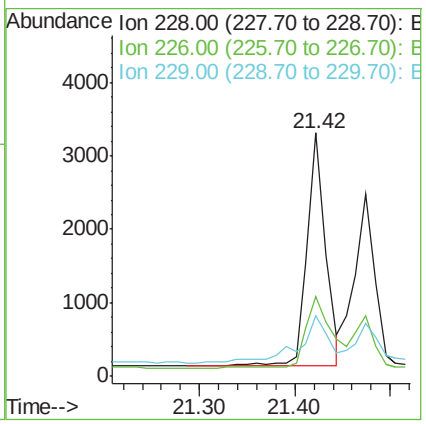




#18
Benzo(a)anthracene
Concen: 0.99 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BM009183.D
Acq: 10 Mar 2017 19:57

Tgt Ion:228 Resp: 4304

Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.8	34.2
229	24.7	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
C0AJ4

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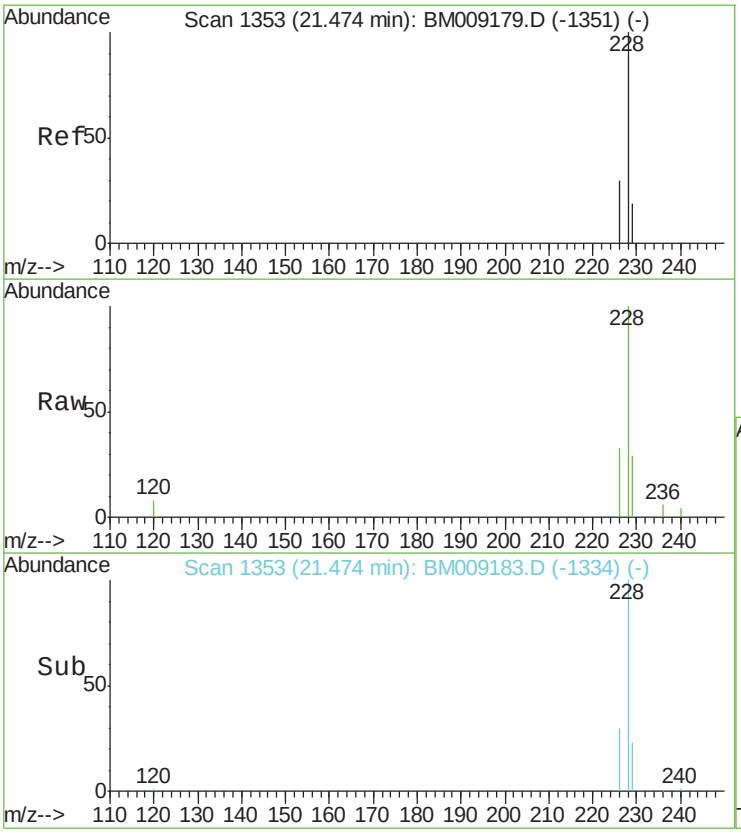
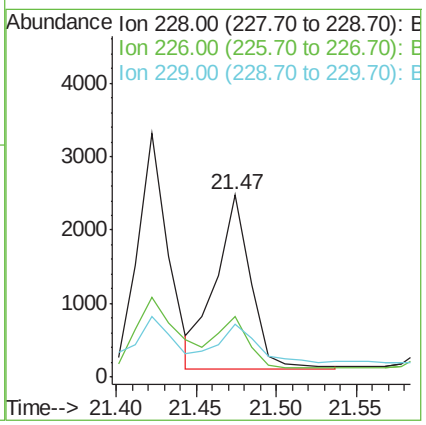
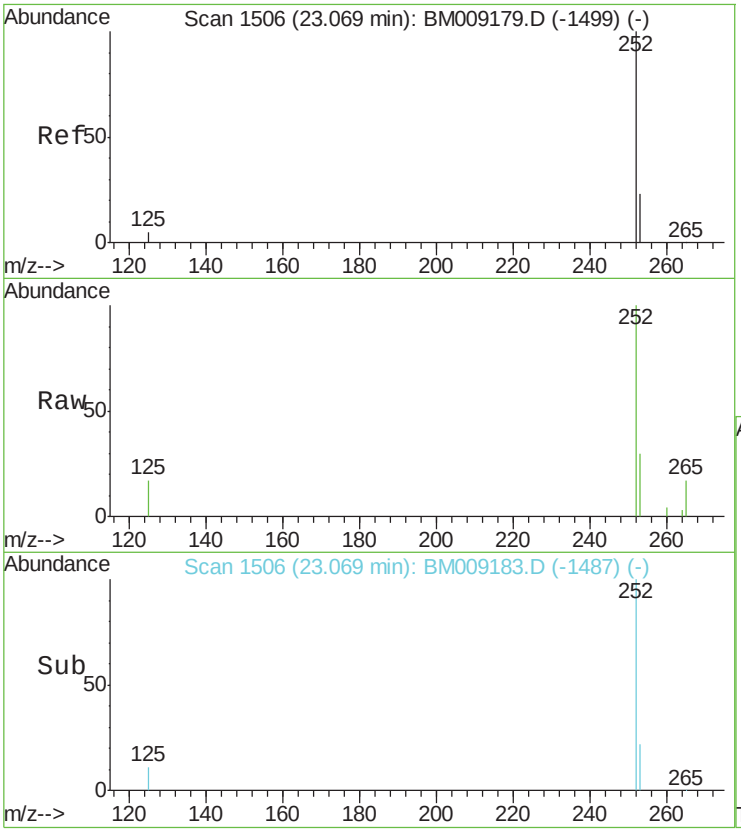


#19
Chrysene
Concen: 0.89 ng/ul m
RT: 21.47 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BM009183.D
Acq: 10 Mar 2017 19:57

Tgt Ion:228 Resp: 3651

Ion	Ratio	Lower	Upper
228	100		
226	33.2	23.4	35.0
229	29.3	17.7	26.5#

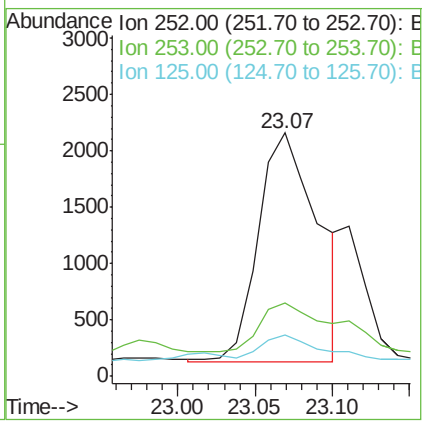




#21
Benzo(b)fluoranthene
Concen: 1.14 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BM009183.D
Acq: 10 Mar 2017 19:57

Tgt Ion:252 Resp: 5535

Ion	Ratio	Lower	Upper
252	100		
253	30.1	0.0	64.2
125	17.0	0.0	35.0



Instrument :
BNA_M
ClientSampleId :
C0AJ4

Manual Integrations APPROVED

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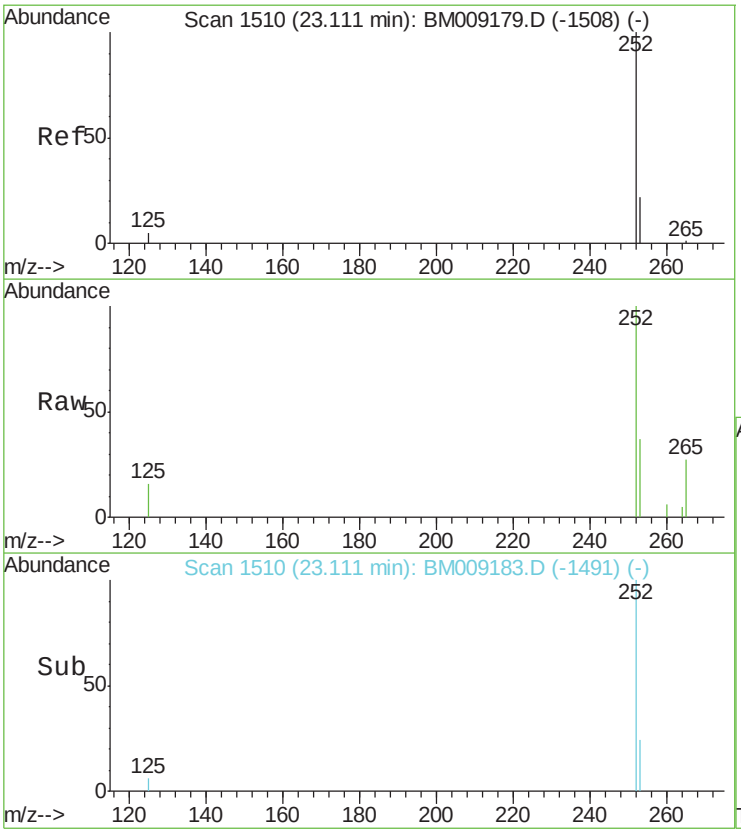
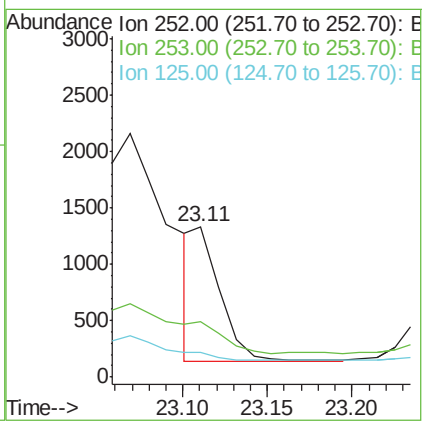
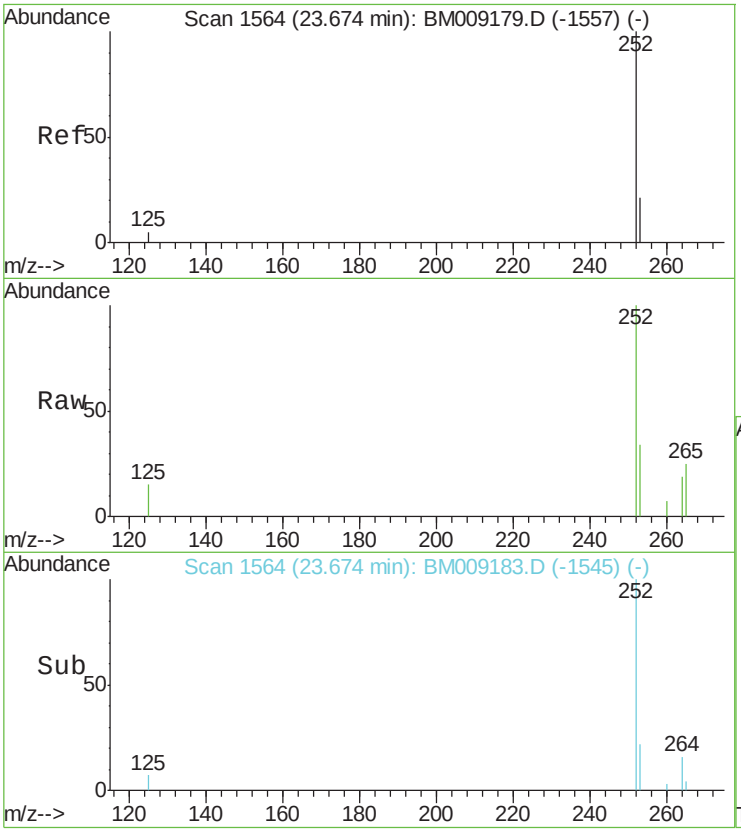


#22
Benzo(k)fluoranthene
Concen: 0.32 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BM009183.D
Acq: 10 Mar 2017 19:57

Tgt Ion:252 Resp: 1378

Ion	Ratio	Lower	Upper
252	100		
253	36.9	24.5	36.7#
125	16.2	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.72 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM009183.D
Acq: 10 Mar 2017 19:57

Tgt Ion:252 Resp: 3127

Ion	Ratio	Lower	Upper
252	100		
253	34.1	28.5	42.7
125	14.6	18.1	27.1#

Instrument :
BNA_M
ClientSampleId :
C0AJ4

Manual Integrations APPROVED
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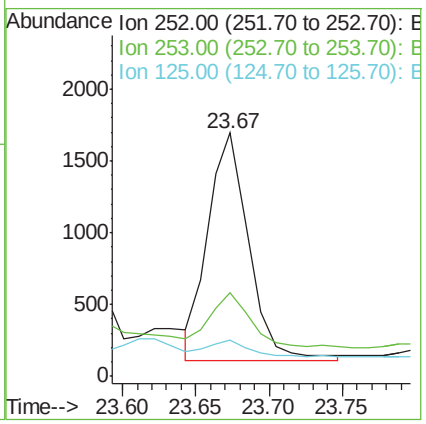
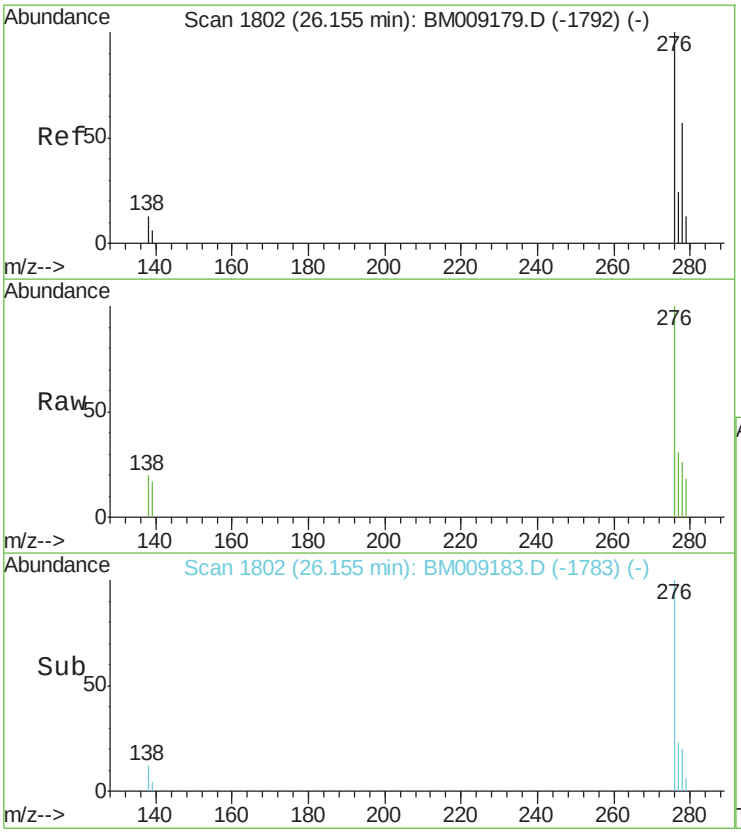
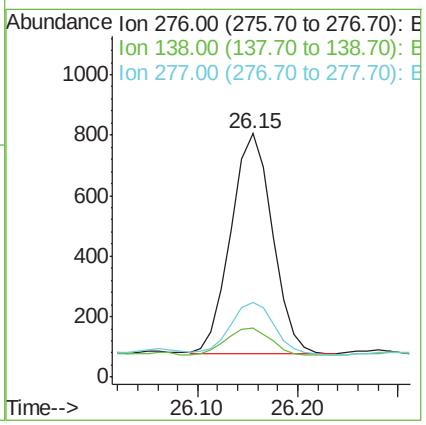


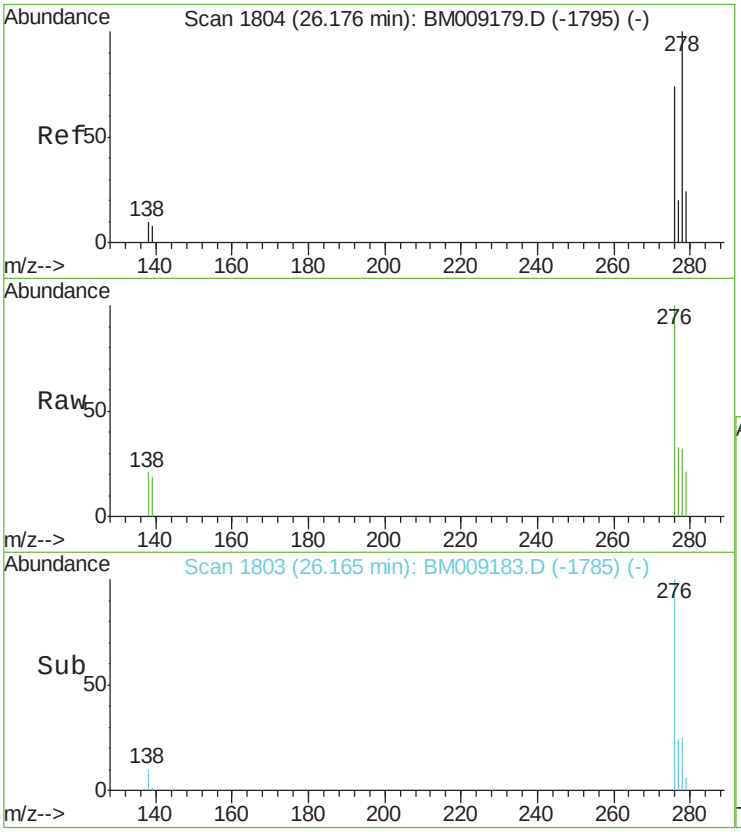


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng/ul m
RT: 26.15 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BM009183.D
Acq: 10 Mar 2017 19:57

Tgt Ion:276 Resp: 2108

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#





#25
Dibenzo(a,h)anthracene
Concen: 0.12 ng/ul m
RT: 26.17 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BM009183.D
Acq: 10 Mar 2017 19:57

Tgt Ion:278 Resp: 560

Ion	Ratio	Lower	Upper
278	100		
139	60.2	17.4	26.0#
279	64.7	25.9	38.9#

Instrument :
BNA_M
ClientSampleId :
C0AJ4

Manual Integrations APPROVED

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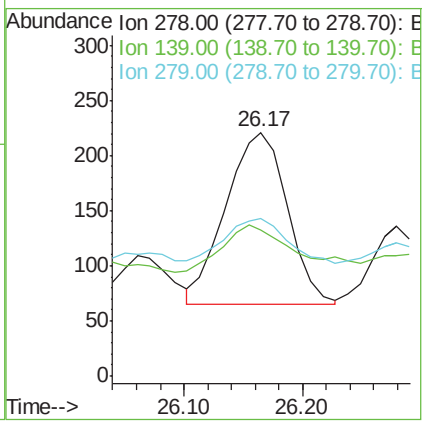
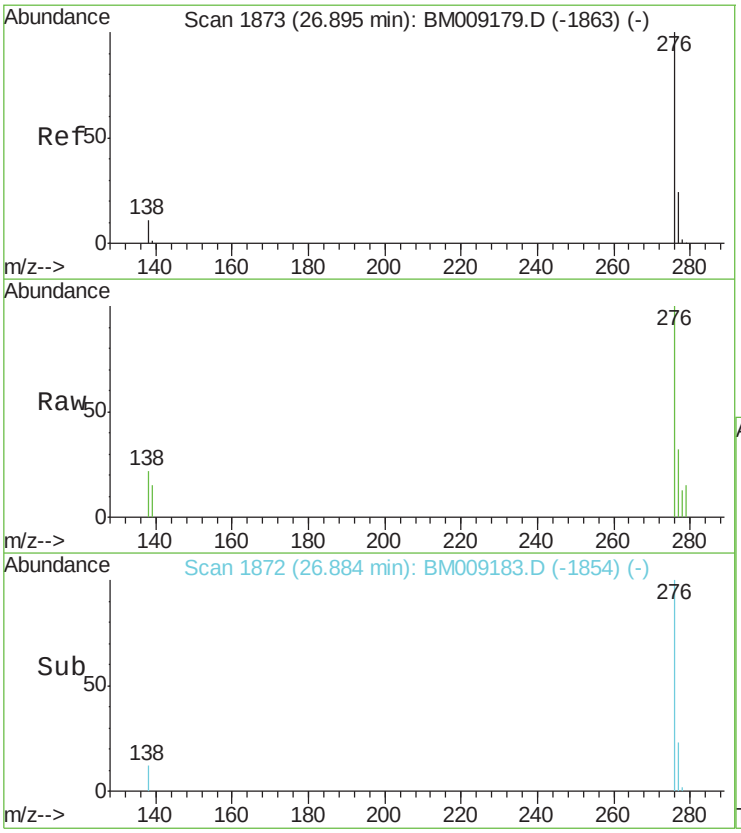
3/13/2017 2:14:08 PM





#26
Benzo(g,h,i)perylene
Concen: 0.39 ng/ul m
RT: 26.88 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BM009183.D
Acq: 10 Mar 2017 19:57

Tgt Ion:276 Resp: 1858

Ion	Ratio	Lower	Upper
276	100		
277	32.1	21.8	32.8
138	21.8	20.5	30.7