Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022107.D
Acq On : 14 Aug 2019 14:32
Operator : HP/JU
Sample : K4183-20DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG5DL

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Quant Time: Aug 14 18:00:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	785	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3220	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	1725	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	3836m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	3921m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4459m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	87	0.02	ng/ul	0.02
14) Fluoranthene-d10	19.06	212	264m	0.02	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.99	152	173	0.022	ng/ul#	35
8) Acenaphthene	14.33	153	488	0.074	ng/ul	94
9) Fluorene	15.33	166	695	0.095	ng/ul#	94
12) Phenanthrene	17.07	178	8475	0.759	ng/ul	99
13) Anthracene	17.16	178	2825m	0.297	ng/ul	
15) Fluoranthene	19.09	202	13360m	0.894	ng/ul	
17) Pyrene	19.45	202	11353	0.705	ng/ul	99
18) Benzo(a)anthracene	21.21	228	6436m	0.459	ng/ul	
19) Chrysene	21.26	228	5899m	0.327	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	7319m	0.487	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	3251m	0.191	ng/ul	
23) Benzo(a)pyrene	23.34	252	5931m	0.388	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.65	276	3883	0.213	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.65	278	969m	0.066	ng/ul	
26) Benzo(g,h,i)perylene	26.33	276	3393	0.206	ng/ul#	52

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022107.D
Acq On : 14 Aug 2019 14:32
Operator : HP/JU
Sample : K4183-20DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 18:00:37 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AG5DL

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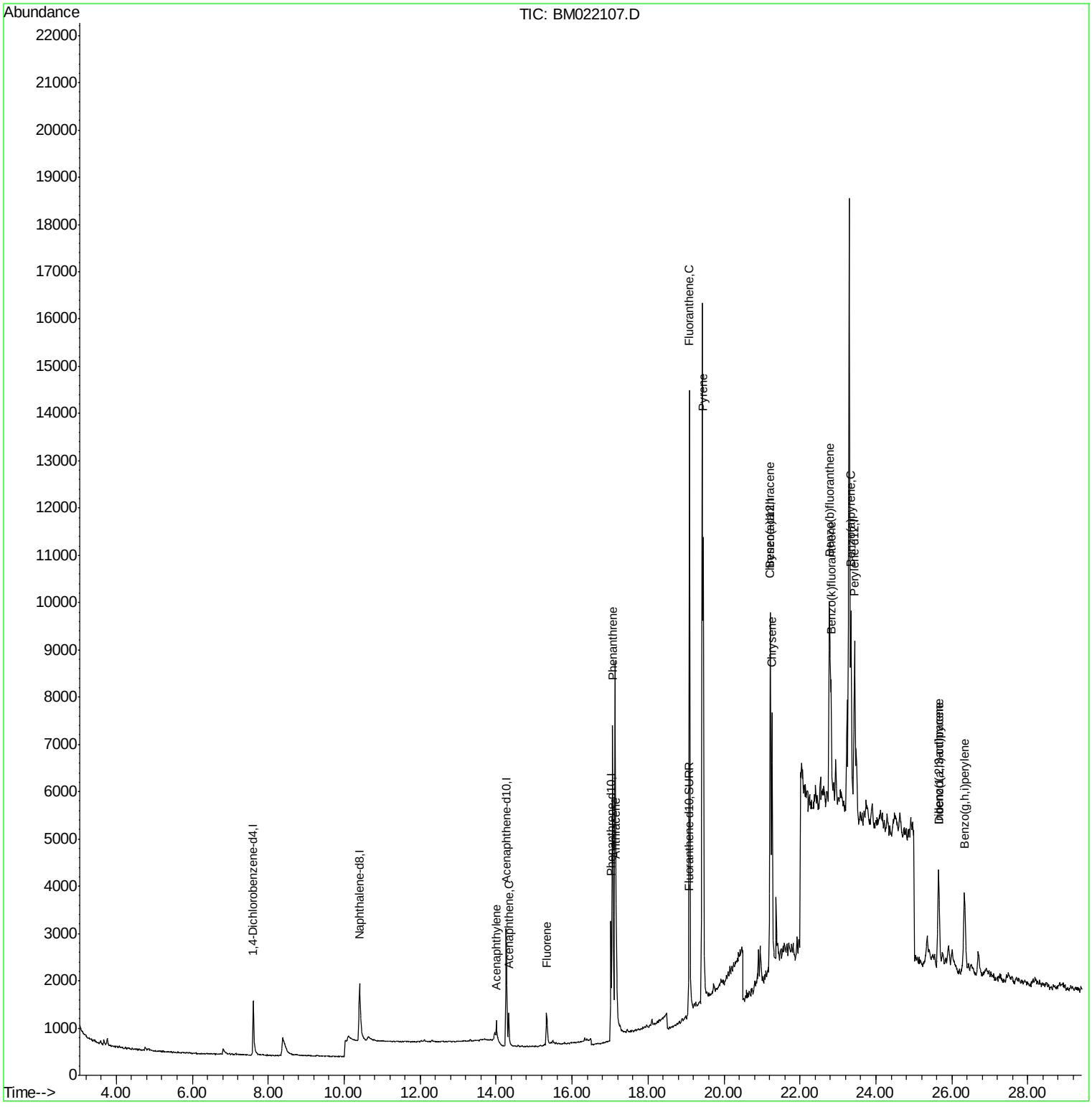
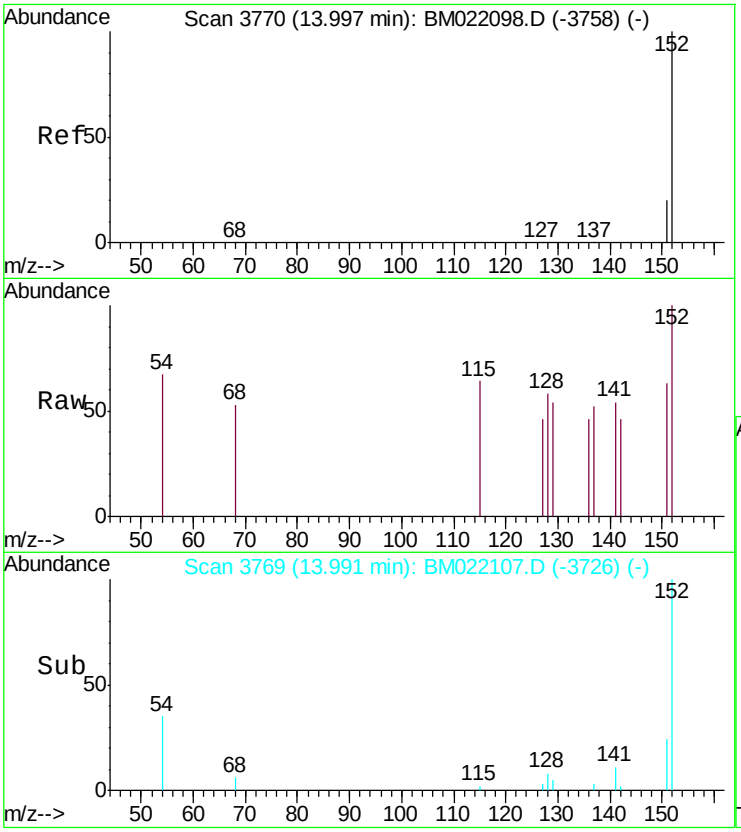
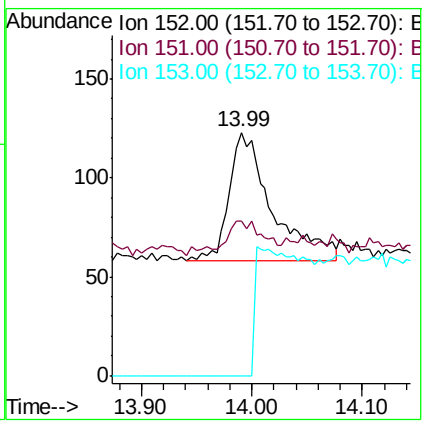




#7
Acenaphthylene
Concen: 0.022 ng/ul
RT: 13.99 min Scan# 3769
Delta R.T. -0.01 min
Lab File: BM022107.D
Acq: 14 Aug 2019 14:32

Tgt Ion:152 Resp: 173

Ion	Ratio	Lower	Upper
152	100		
151	63.4	18.3	27.5#
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
C0AG5DL

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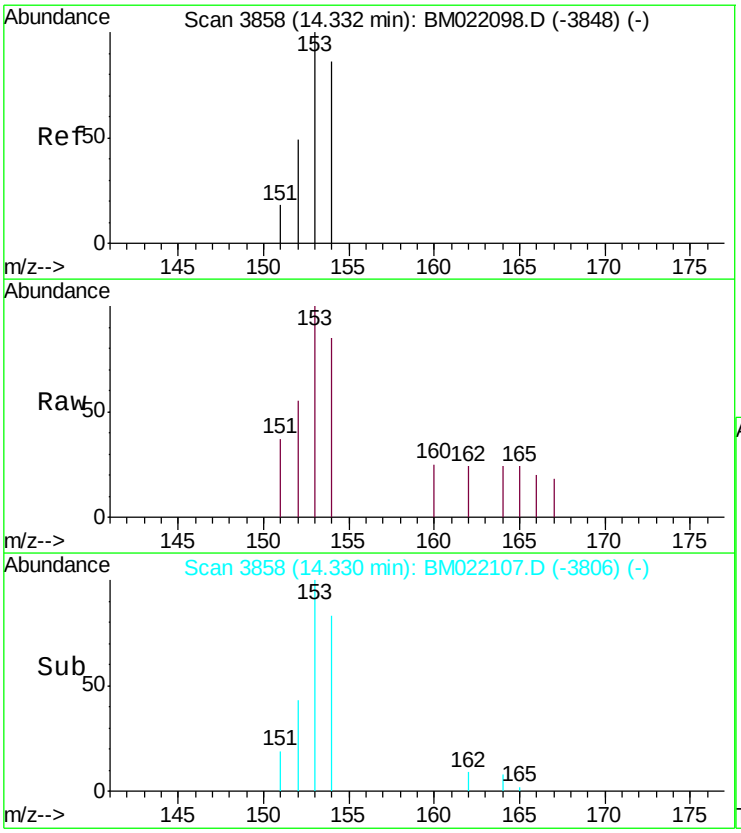
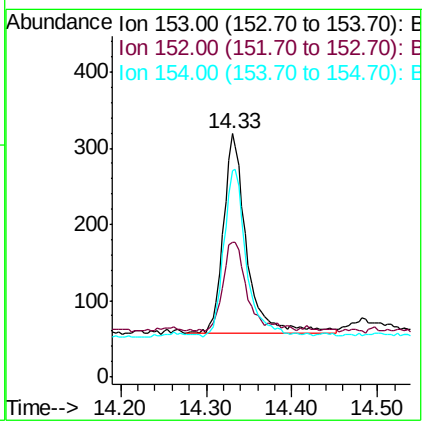
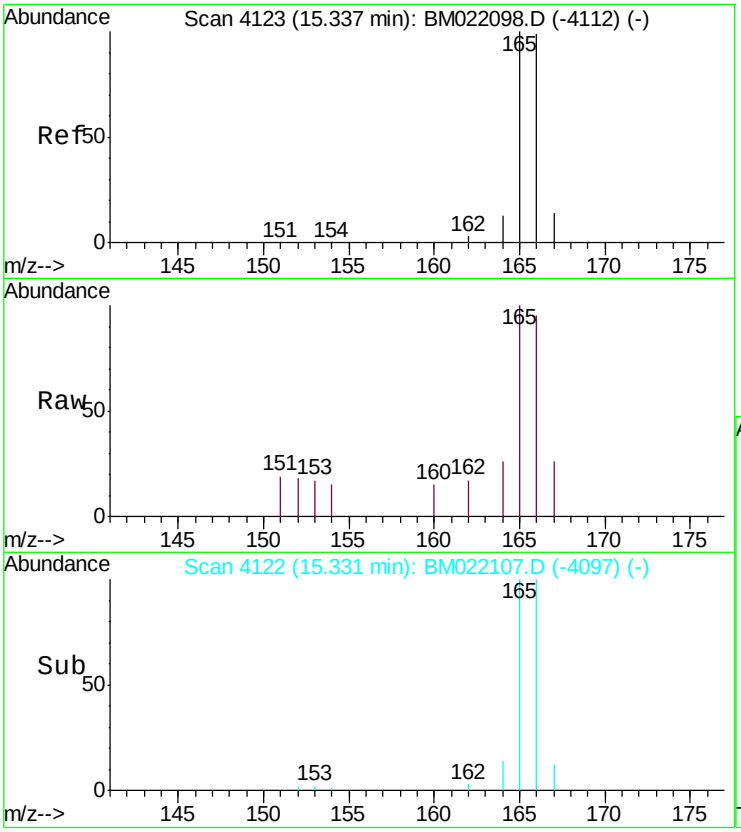


#8
Acenaphthene
Concen: 0.074 ng/ul
RT: 14.33 min Scan# 3858
Delta R.T. -0.00 min
Lab File: BM022107.D
Acq: 14 Aug 2019 14:32

Tgt Ion:153 Resp: 488

Ion	Ratio	Lower	Upper
153	100		
152	55.5	41.3	61.9
154	84.6	72.3	108.5

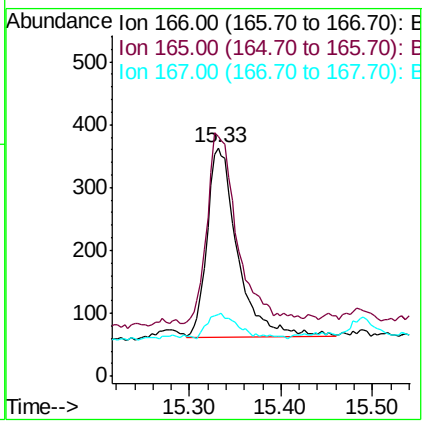




#9
Fluorene
Concen: 0.095 ng/ul
RT: 15.33 min Scan# 4122
Delta R.T. -0.01 min
Lab File: BM022107.D
Acq: 14 Aug 2019 14:32

Tgt Ion:166 Resp: 695

Ion	Ratio	Lower	Upper
166	100		
165	105.0	81.4	122.0
167	27.3	13.7	20.5#



Instrument :
BNA_M
ClientSampleId :
C0AG5DL

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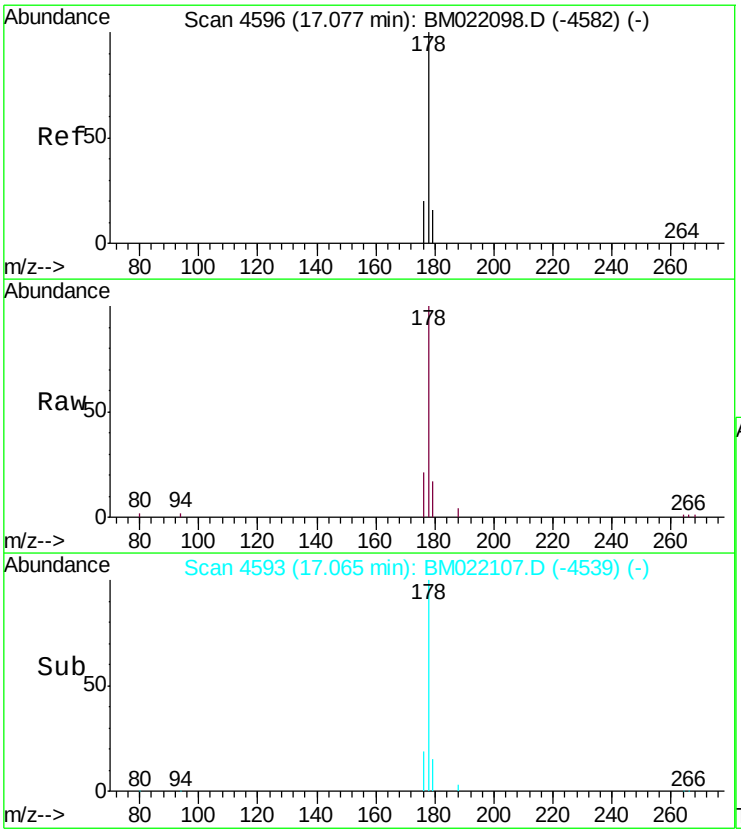
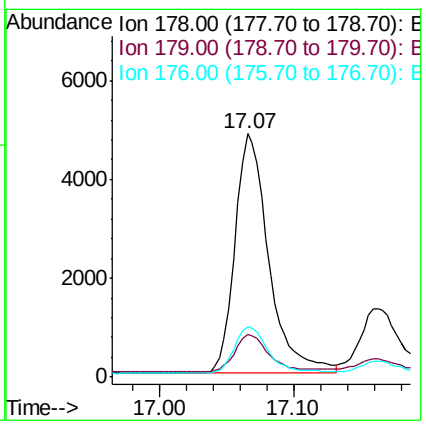
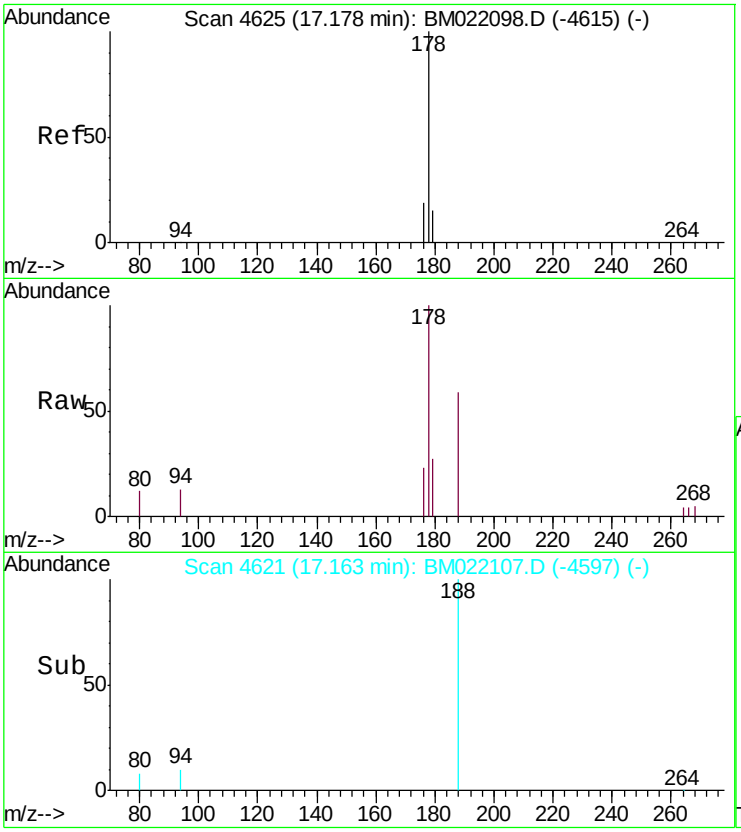


#12
Phenanthrene
Concen: 0.759 ng/ul
RT: 17.07 min Scan# 4593
Delta R.T. -0.01 min
Lab File: BM022107.D
Acq: 14 Aug 2019 14:32

Tgt Ion:178 Resp: 8475

Ion	Ratio	Lower	Upper
178	100		
179	17.3	14.2	21.2
176	20.6	16.8	25.2

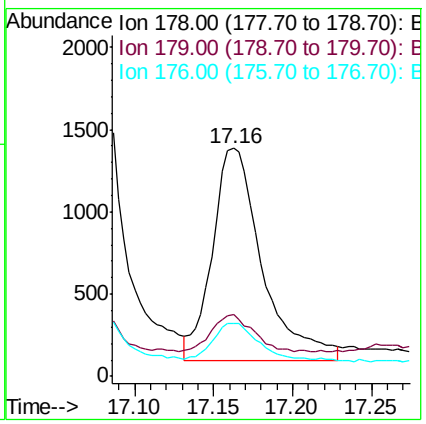




#13
Anthracene
Concen: 0.297 ng/ul m
RT: 17.16 min Scan# 4621
Delta R.T. -0.02 min
Lab File: BM022107.D
Acq: 14 Aug 2019 14:32

Tgt Ion:178 Resp: 2825

Ion	Ratio	Lower	Upper
178	100		
179	27.2	15.5	23.3#
176	23.4	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
C0AG5DL

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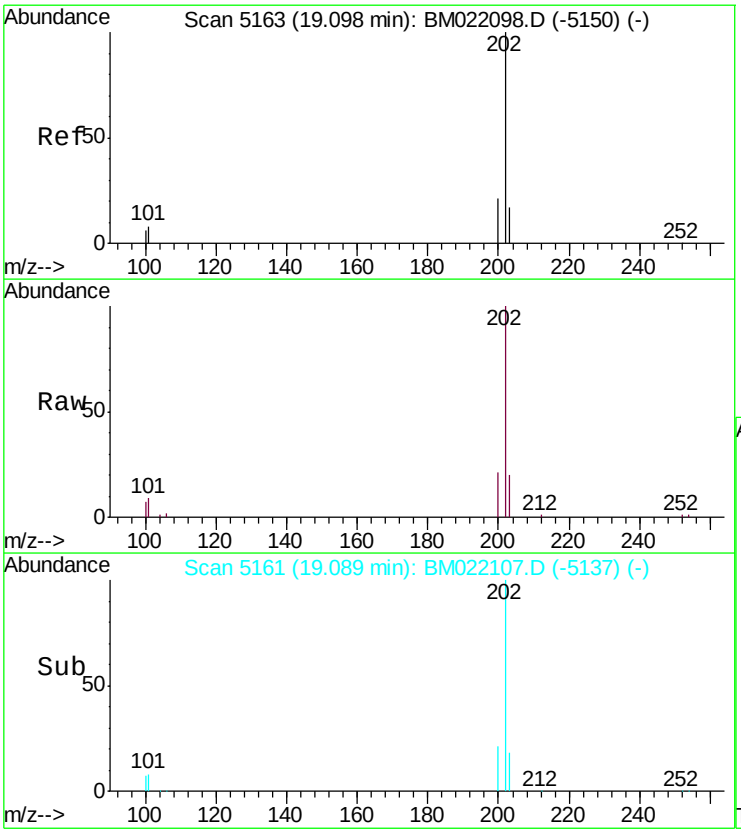
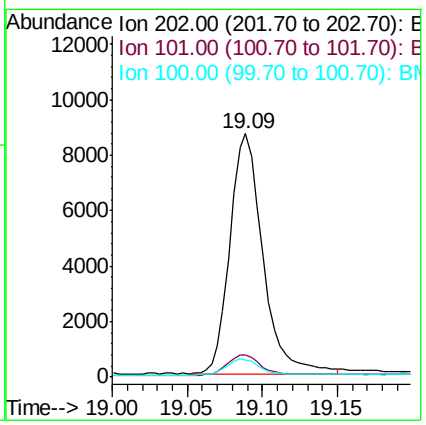
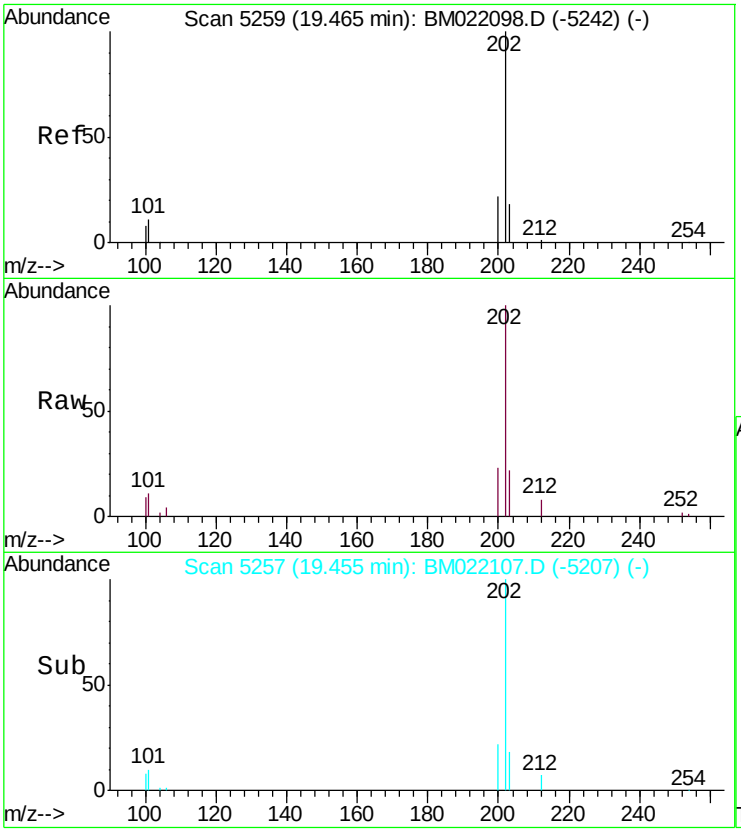


#15
Fluoranthene
Concen: 0.894 ng/ul m
RT: 19.09 min Scan# 5161
Delta R.T. -0.01 min
Lab File: BM022107.D
Acq: 14 Aug 2019 14:32

Tgt Ion:202 Resp: 13360

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.2
100	7.3	0.0	28.1





#17
Pyrene
Concen: 0.705 ng/ul
RT: 19.45 min Scan# 5257
Delta R.T. -0.01 min
Lab File: BM022107.D
Acq: 14 Aug 2019 14:32

Tgt Ion:202 Resp: 11353

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.3	12.5
100	9.4	7.2	10.8

Instrument :
BNA_M
ClientSampleId :
C0AG5DL

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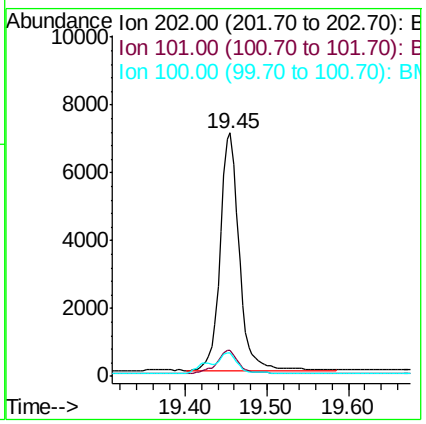
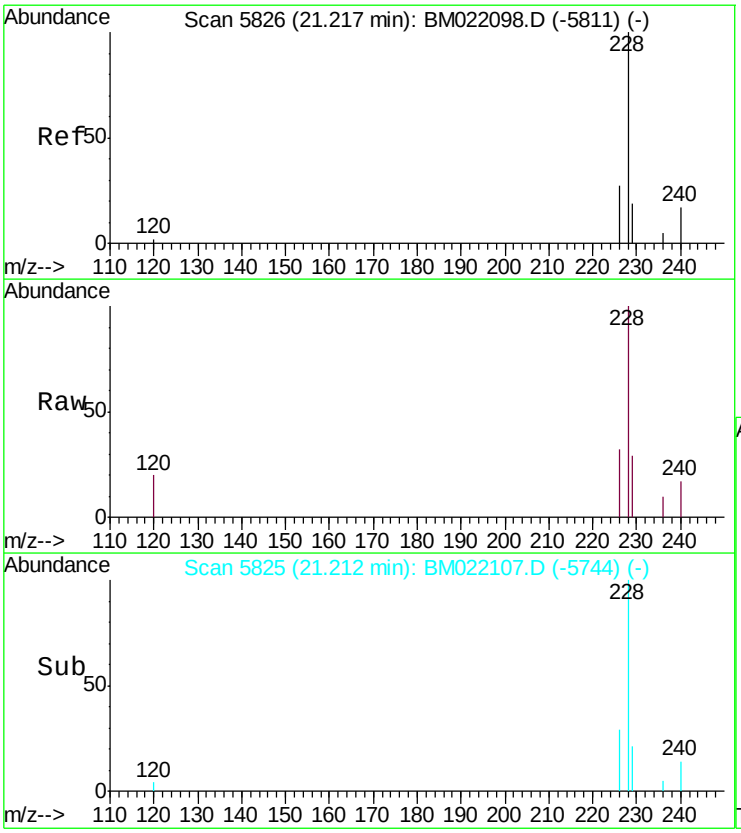
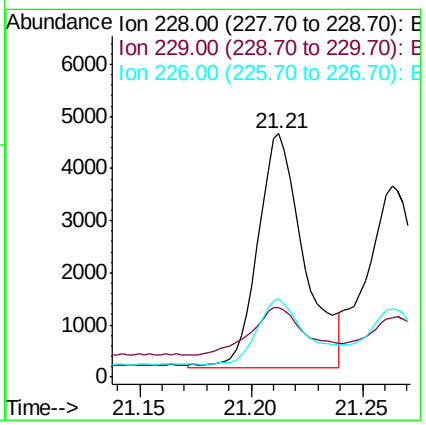


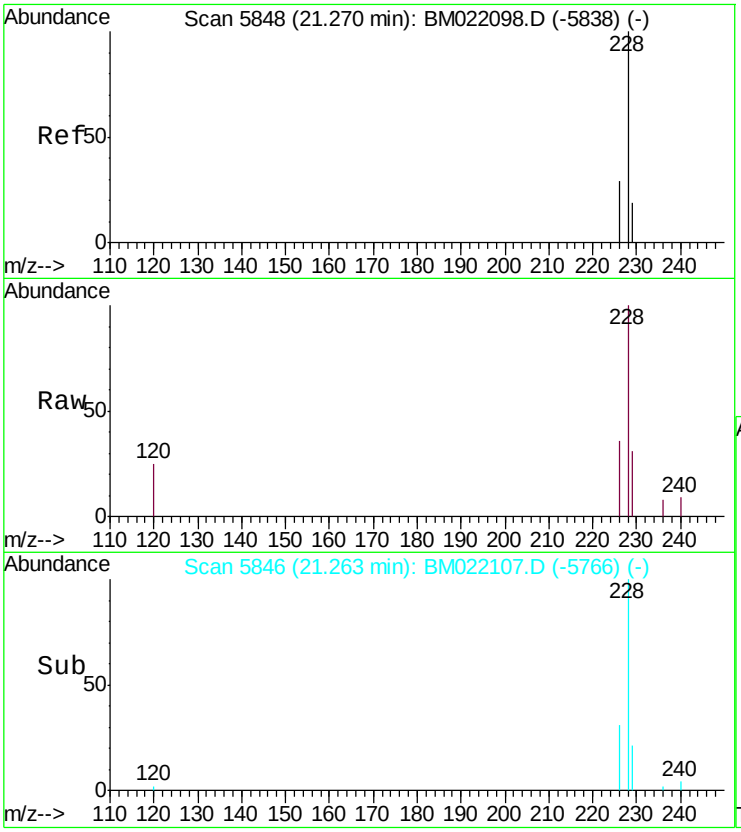


#18
Benzo(a)anthracene
Concen: 0.459 ng/ul m
RT: 21.21 min Scan# 5825
Delta R.T. -0.00 min
Lab File: BM022107.D
Acq: 14 Aug 2019 14:32

Tgt Ion:228 Resp: 6436

Ion	Ratio	Lower	Upper
228	100		
229	28.8	17.2	25.8#
226	32.4	22.6	34.0





#19
Chrysene
Concen: 0.327 ng/ul m
RT: 21.26 min Scan# 5846
Delta R.T. -0.01 min
Lab File: BM022107.D
Acq: 14 Aug 2019 14:32

Tgt Ion:228 Resp: 5899

Ion	Ratio	Lower	Upper
228	100		
226	35.9	24.9	37.3
229	31.1	16.6	25.0#

Instrument :
BNA_M
ClientSampleId :
C0AG5DL

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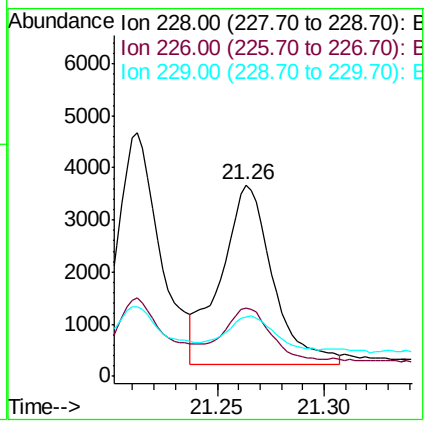
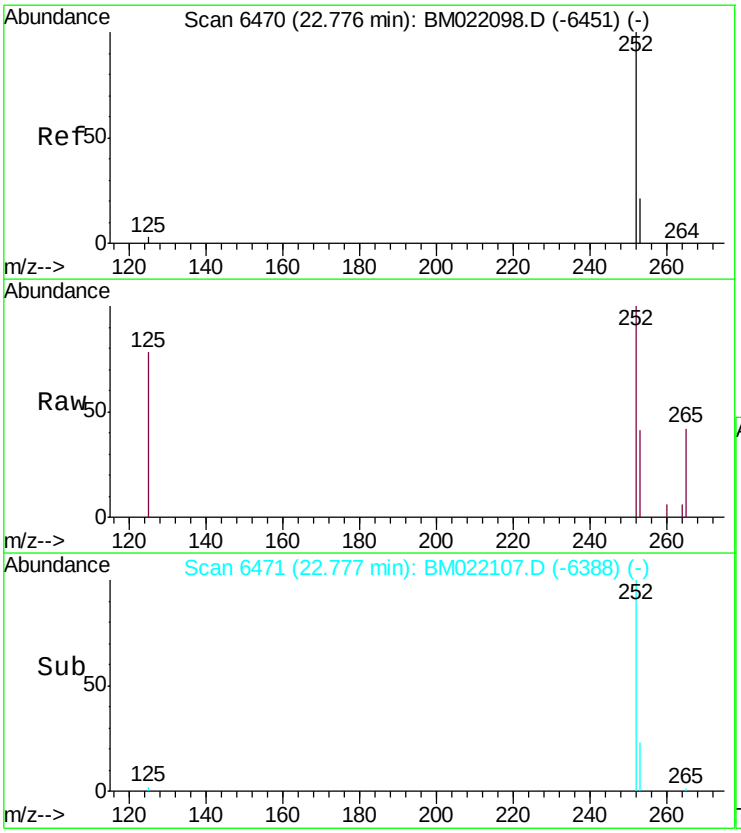
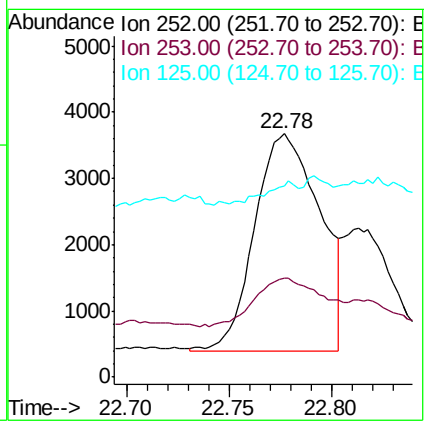


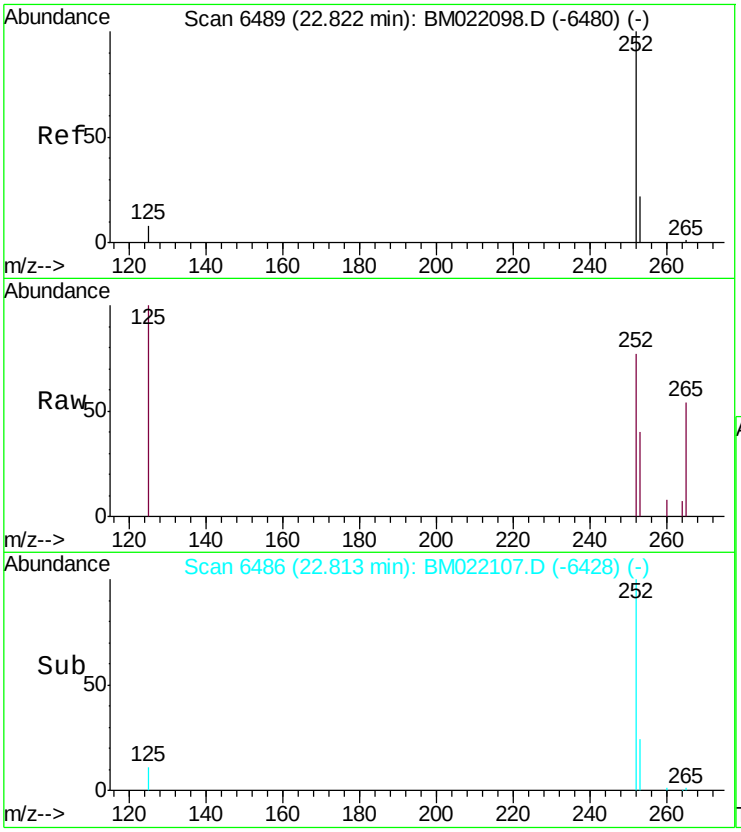


#21
Benzo(b)fluoranthene
Concen: 0.487 ng/ul m
RT: 22.78 min Scan# 6471
Delta R.T. 0.00 min
Lab File: BM022107.D
Acq: 14 Aug 2019 14:32

Tgt Ion:252 Resp: 7319

Ion	Ratio	Lower	Upper
252	100		
253	40.5	0.0	67.4
125	78.4	0.0	31.0#





#22
Benzo(k)fluoranthene
Concen: 0.191 ng/ul m
RT: 22.81 min Scan# 6486
Delta R.T. -0.01 min
Lab File: BM022107.D
Acq: 14 Aug 2019 14:32

Tgt Ion:252 Resp: 3251

Ion	Ratio	Lower	Upper
252	100		
253	51.8	27.0	40.4#
125	129.8	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
C0AG5DL

Manual Integrations APPROVED
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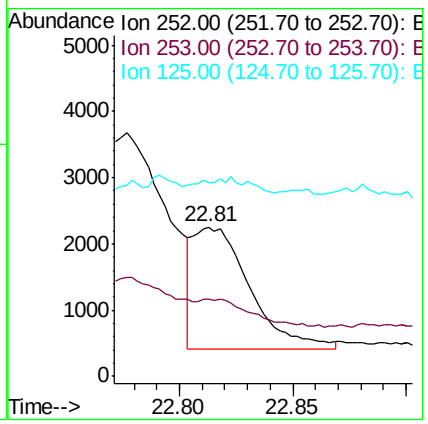
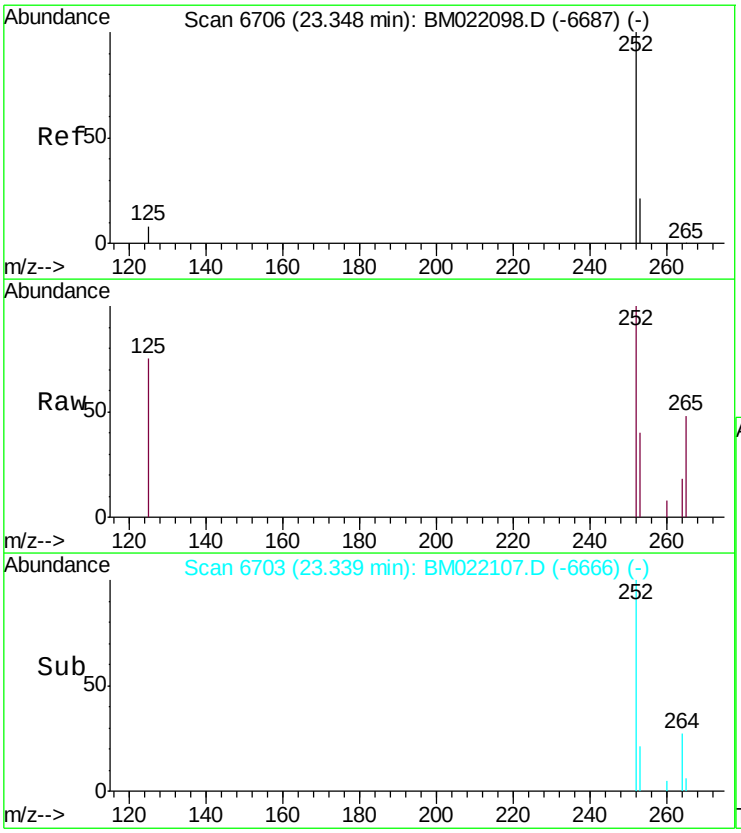
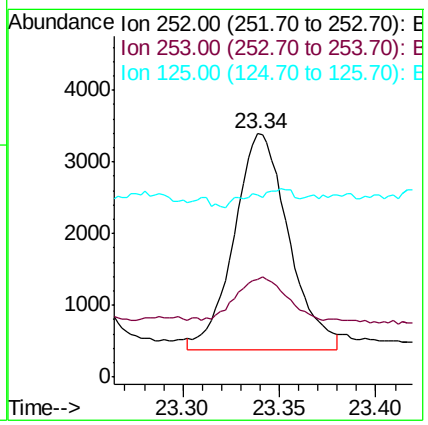


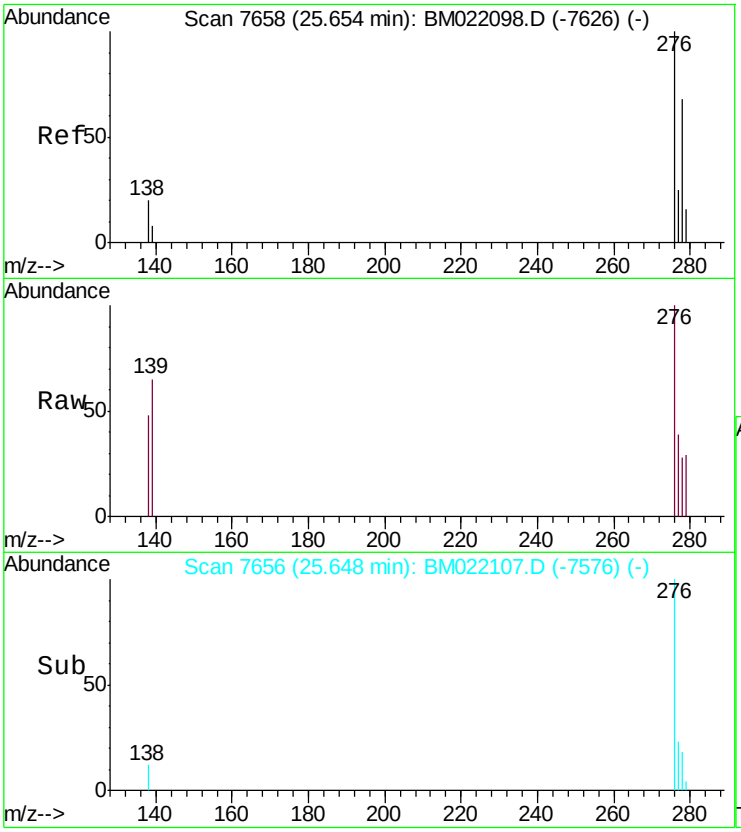


#23
Benzo(a)pyrene
Concen: 0.388 ng/ul m
RT: 23.34 min Scan# 6703
Delta R.T. -0.01 min
Lab File: BM022107.D
Acq: 14 Aug 2019 14:32

Tgt Ion:252 Resp: 5931

Ion	Ratio	Lower	Upper
252	100		
253	40.2	31.7	47.5
125	74.9	14.6	21.8#

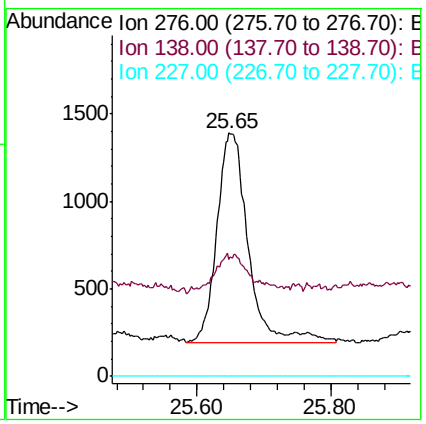




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.213 ng/ul
RT: 25.65 min Scan# 7656
Delta R.T. -0.01 min
Lab File: BM022107.D
Acq: 14 Aug 2019 14:32

Tgt Ion:276 Resp: 3883

Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.1	22.7
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
C0AG5DL

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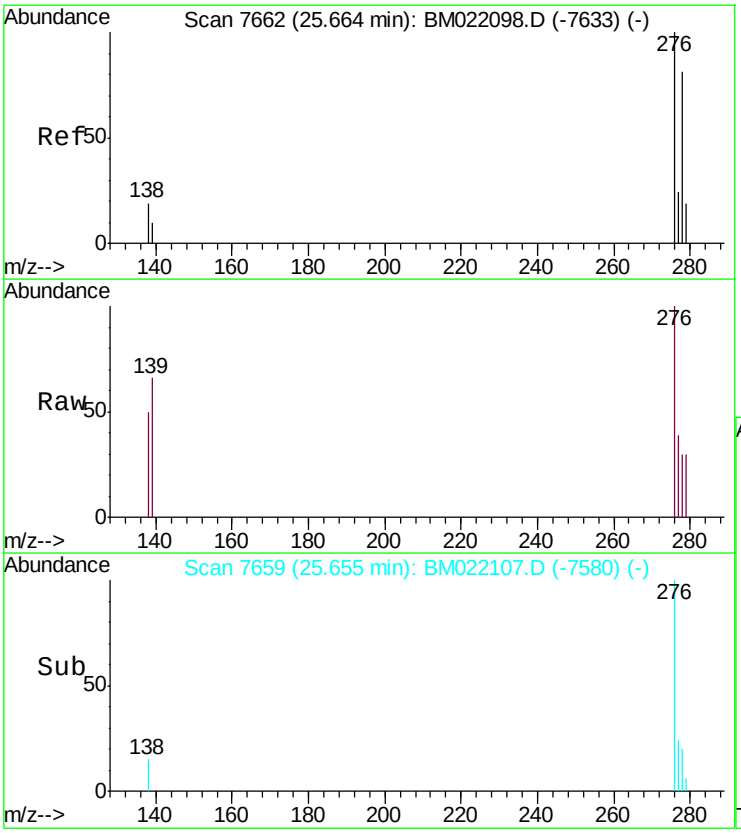
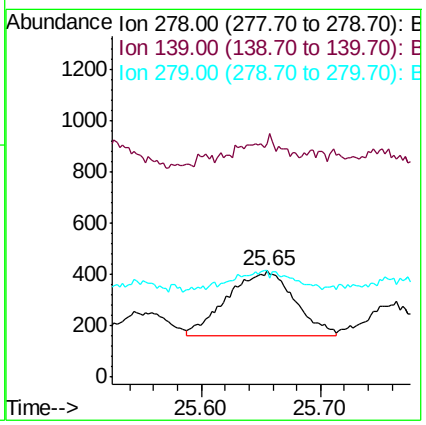
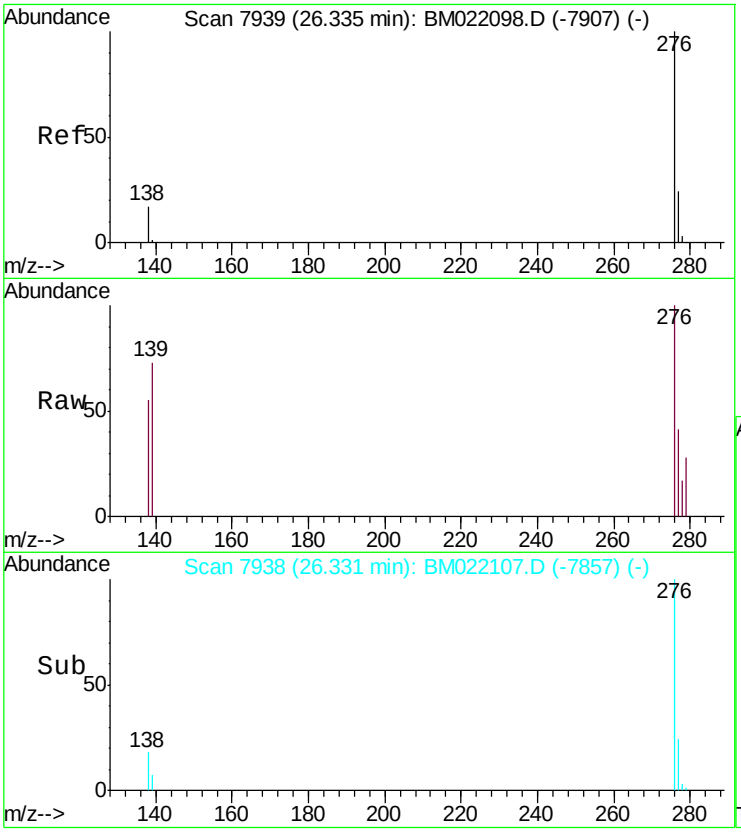


#25
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul m
RT: 25.65 min Scan# 7659
Delta R.T. -0.01 min
Lab File: BM022107.D
Acq: 14 Aug 2019 14:32

Tgt Ion:278 Resp: 969

Ion	Ratio	Lower	Upper
278	100		
139	219.2	14.2	21.2#
279	100.0	28.3	42.5#

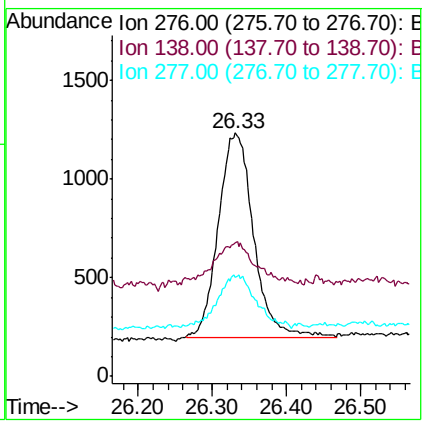




#26
Benzo(g,h,i)perylene
Concen: 0.206 ng/ul
RT: 26.33 min Scan# 7938
Delta R.T. -0.00 min
Lab File: BM022107.D
Acq: 14 Aug 2019 14:32

Tgt Ion:276 Resp: 3393

Ion	Ratio	Lower	Upper
276	100		
138	55.0	15.5	23.3#
277	40.6	21.4	32.2#



Instrument :
BNA_M
ClientSampleId :
C0AG5DL

Manual Integrations APPROVED
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