Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027859.D
Acq On : 20 Nov 2020 19:12
Operator : JU/CG
Sample : L4710-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AW4

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Quant Time: Nov 21 02:47:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	767	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3056	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1980	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4124	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	3350	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2544	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	954	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2259	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	251	0.027	ng/ul#	51
5) 2-Methylnaphthalene	12.80	142	135	0.022	ng/ul	96
9) Fluorene	15.98	166	171	0.020	ng/ul#	83
12) Phenanthrene	17.71	178	5750	0.441	ng/ul	100
13) Anthracene	17.79	178	863m	0.069	ng/ul	
15) Fluoranthene	19.68	202	27579	1.909	ng/ul	98
17) Pyrene	20.04	202	23925	1.406	ng/ul	99
18) Benzo(a)anthracene	21.75	228	14132	1.046	ng/ul	100
19) Chrysene	21.80	228	18370	1.395	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	22688m	2.122	ng/ul	
22) Benzo(k)fluoranthene	23.50	252	7511m	0.717	ng/ul	
23) Benzo(a)pyrene	24.08	252	12437	1.330	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.68	276	8229	0.813	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.69	278	2100	0.249	ng/ul#	83
26) Benzo(g,h,i)perylene	27.46	276	7260	0.855	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027859.D
Acq On : 20 Nov 2020 19:12
Operator : JU/CG
Sample : L4710-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 21 02:47:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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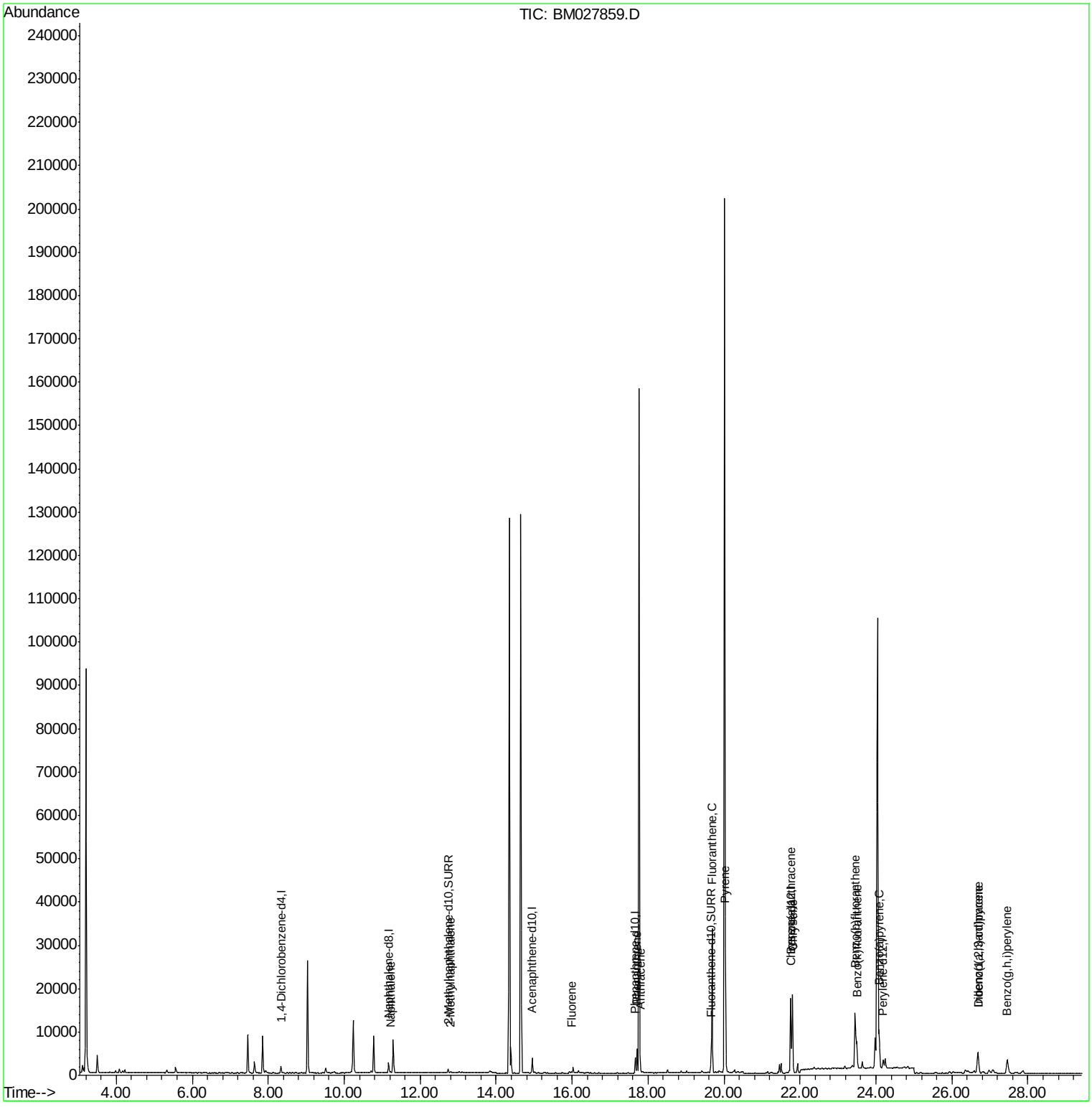

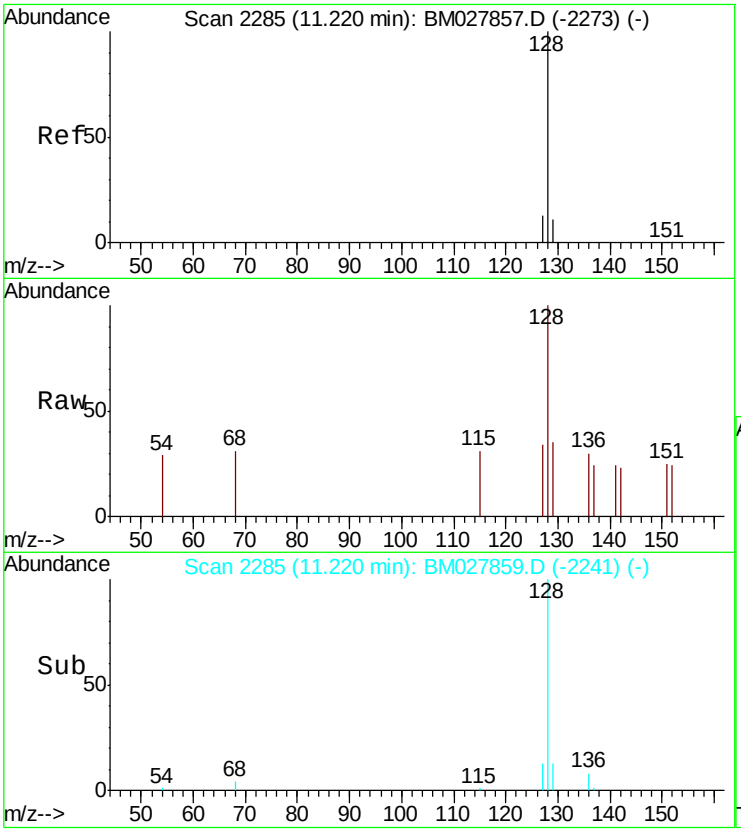

#3
Naphthalene
Concen: 0.027 ng/ul
RT: 11.22 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BM027859.D
Acq: 20 Nov 2020 19:12

Tgt Ion:128 Resp: 251

Ion	Ratio	Lower	Upper
128	100		
129	34.6	10.4	15.6#
127	33.7	12.0	18.0#

Instrument :
BNA_M
ClientSampleId :
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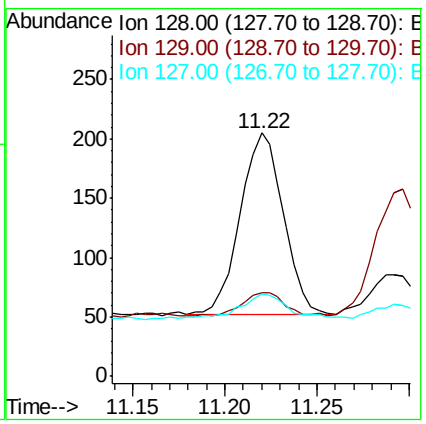
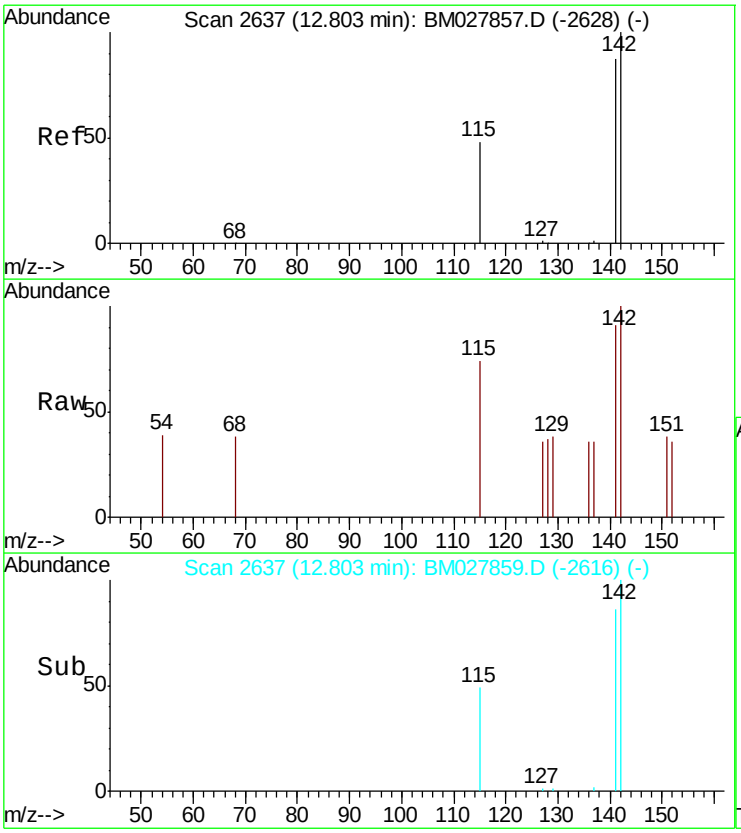
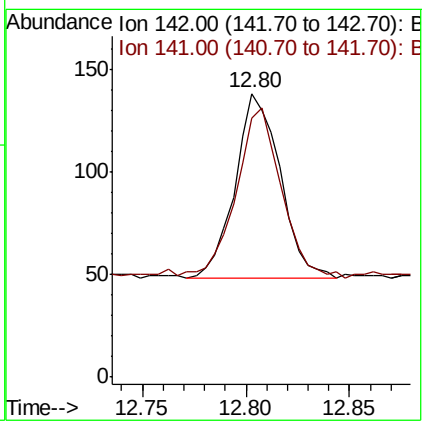


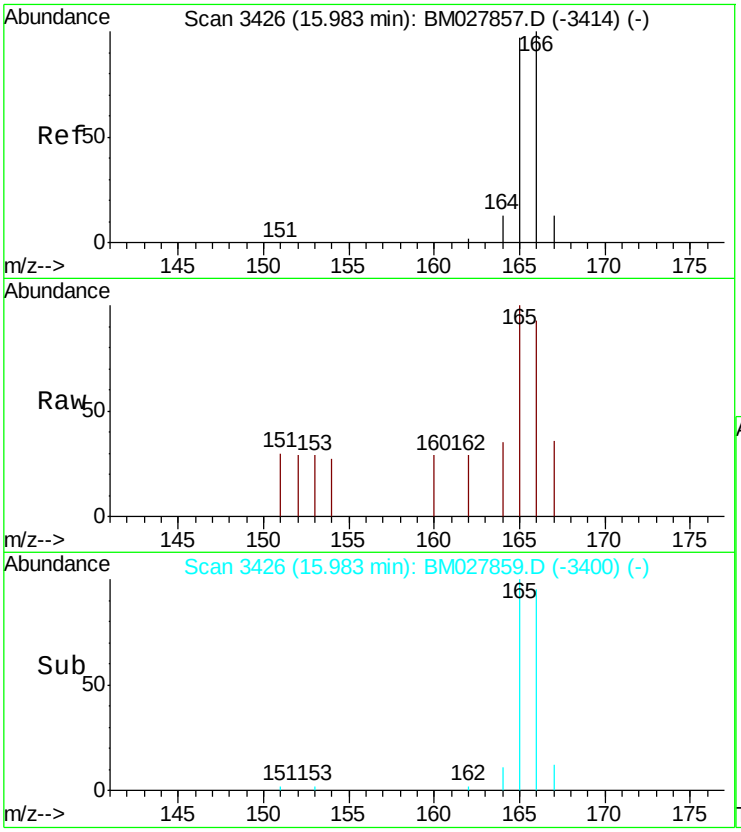


#5
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.80 min Scan# 2637
Delta R.T. -0.00 min
Lab File: BM027859.D
Acq: 20 Nov 2020 19:12

Tgt Ion:142 Resp: 135

Ion	Ratio	Lower	Upper
142	100		
141	93.3	71.6	107.4

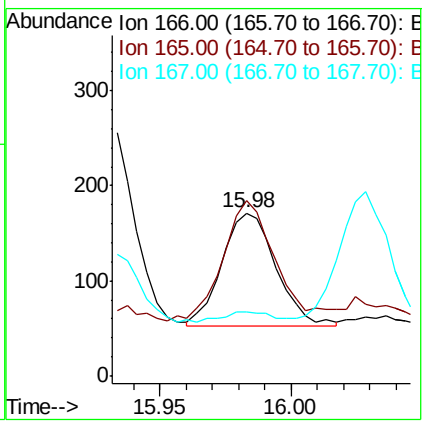




#9
Fluorene
Concen: 0.020 ng/ul
RT: 15.98 min Scan# 3426
Delta R.T. -0.00 min
Lab File: BM027859.D
Acq: 20 Nov 2020 19:12

Tgt Ion:166 Resp: 171

Ion	Ratio	Lower	Upper
166	100		
165	107.6	78.1	117.1
167	39.2	11.8	17.8#



Instrument :
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ClientSampleId :
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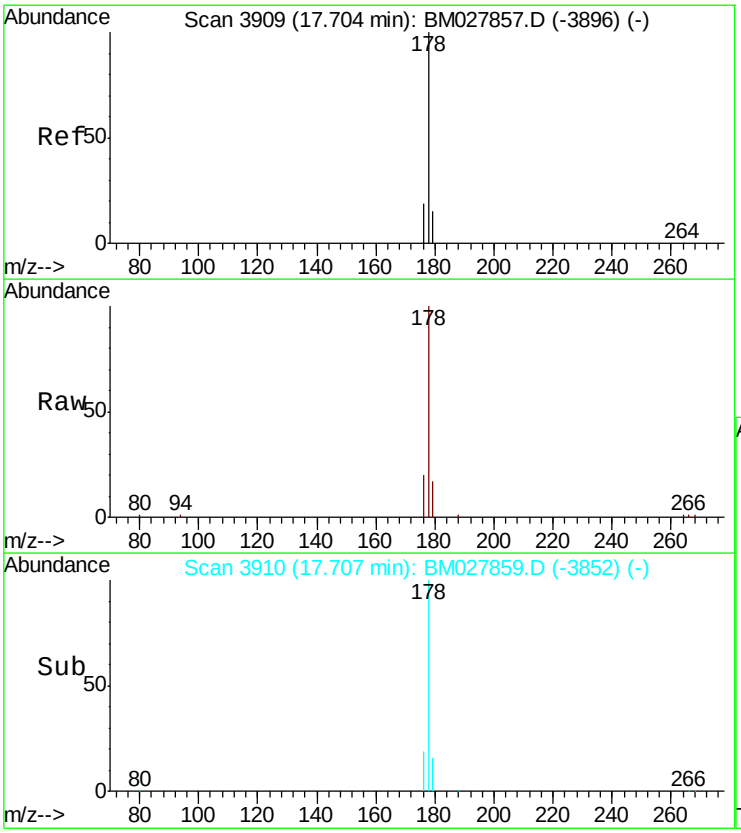
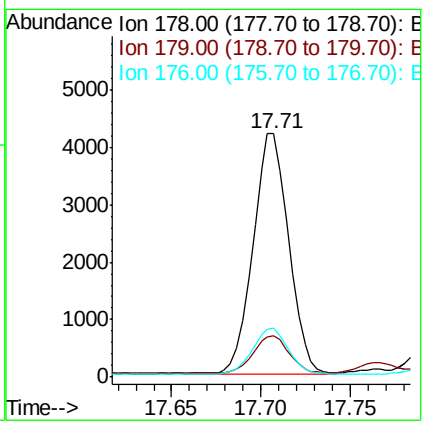
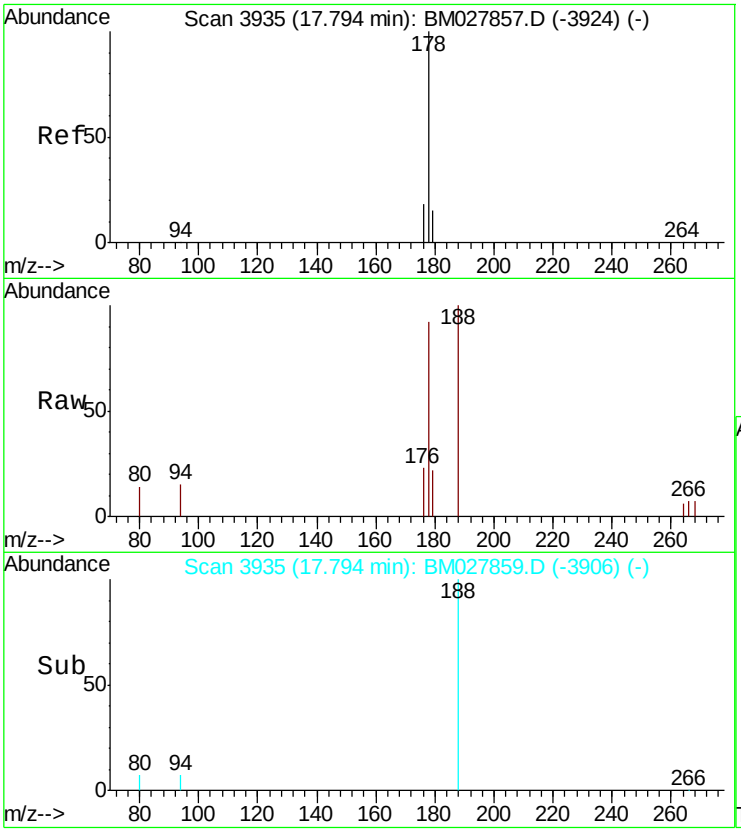


#12
Phenanthrene
Concen: 0.441 ng/ul
RT: 17.71 min Scan# 3910
Delta R.T. -0.00 min
Lab File: BM027859.D
Acq: 20 Nov 2020 19:12

Tgt Ion:178 Resp: 5750

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.6	20.4
176	20.0	16.1	24.1





#13
Anthracene
Concen: 0.069 ng/ul m
RT: 17.79 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BM027859.D
Acq: 20 Nov 2020 19:12

Tgt Ion:178 Resp: 863

Ion	Ratio	Lower	Upper
178	100		
179	24.1	13.4	20.2#
176	25.2	15.0	22.6#

Instrument :
BNA_M
ClientSampleId :
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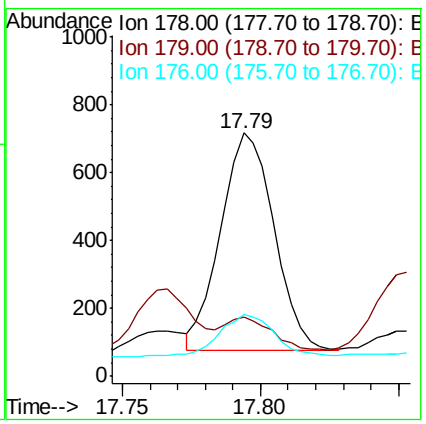
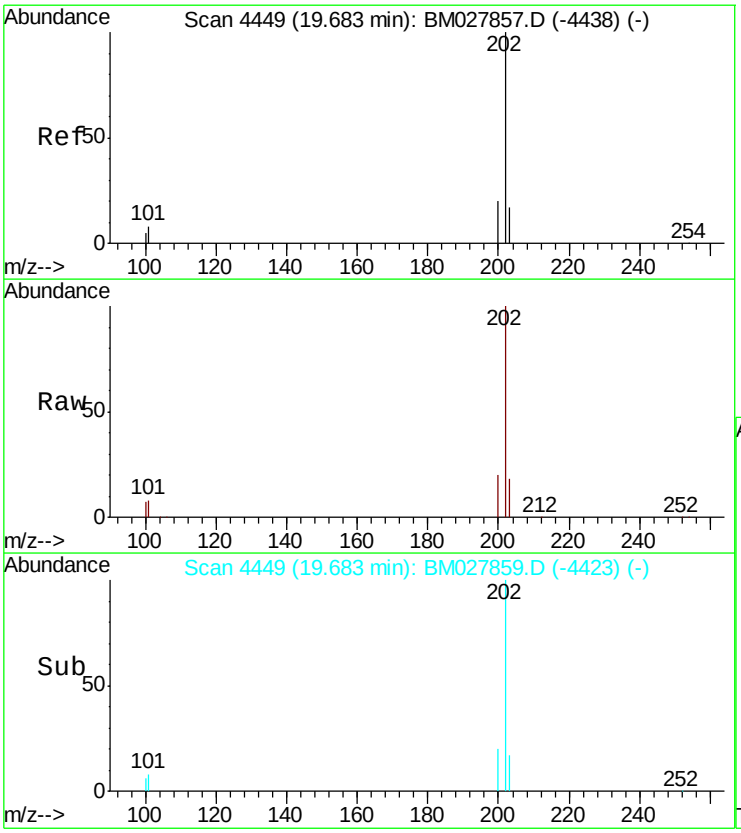
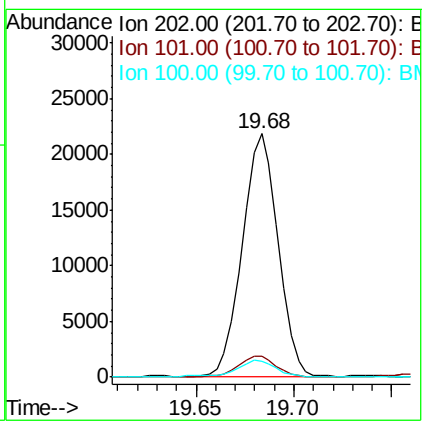


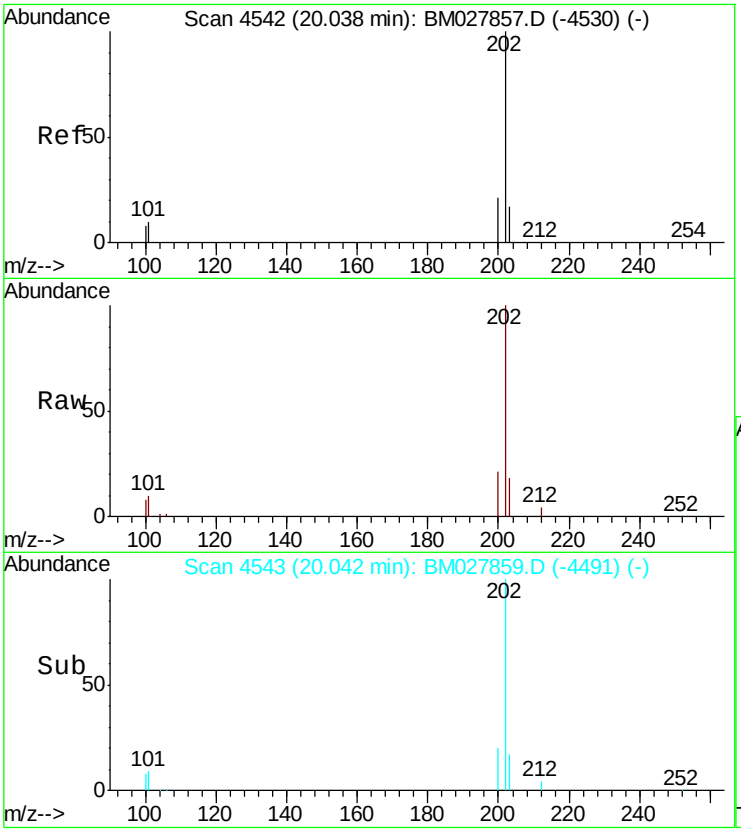


#15
Fluoranthene
Concen: 1.909 ng/ul
RT: 19.68 min Scan# 4449
Delta R.T. -0.00 min
Lab File: BM027859.D
Acq: 20 Nov 2020 19:12

Tgt Ion:202 Resp: 27579

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	29.3
100	6.6	0.0	27.4

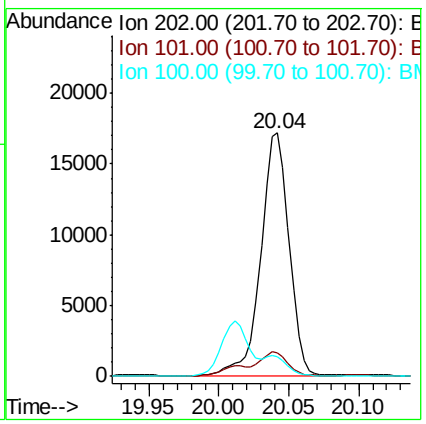




#17
Pyrene
Concen: 1.406 ng/ul
RT: 20.04 min Scan# 4543
Delta R.T. -0.00 min
Lab File: BM027859.D
Acq: 20 Nov 2020 19:12

Tgt Ion:202 Resp: 23925

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.2	12.2
100	8.3	6.9	10.3



Instrument :
BNA_M
ClientSampleId :
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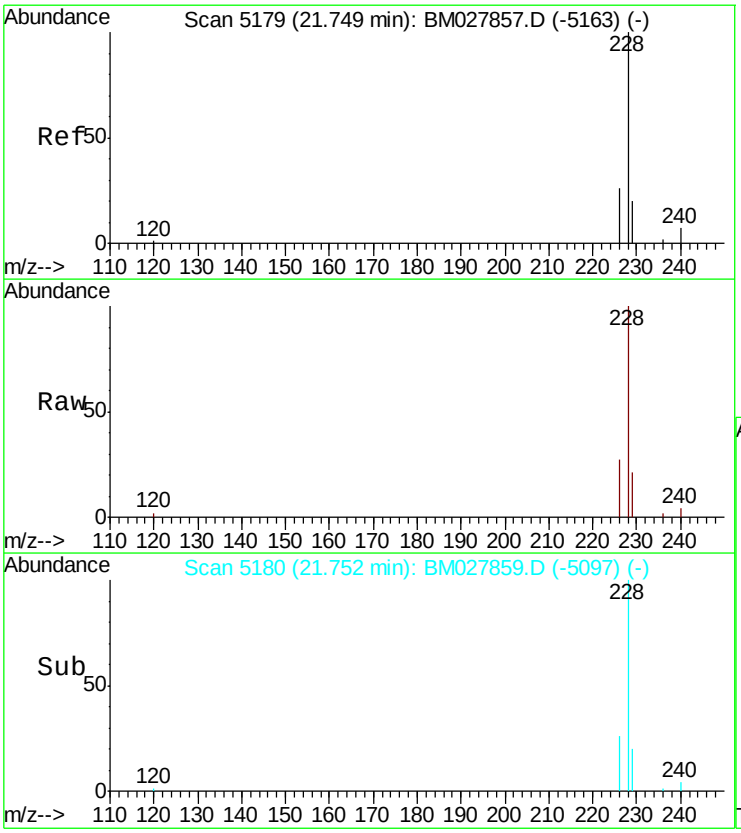
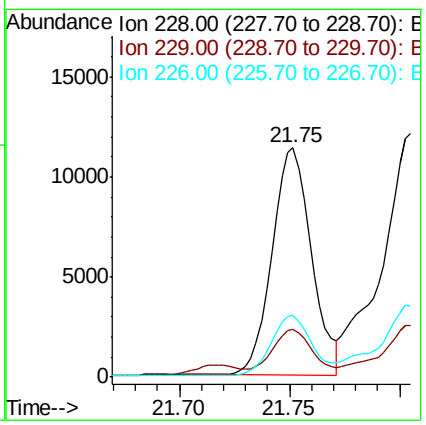
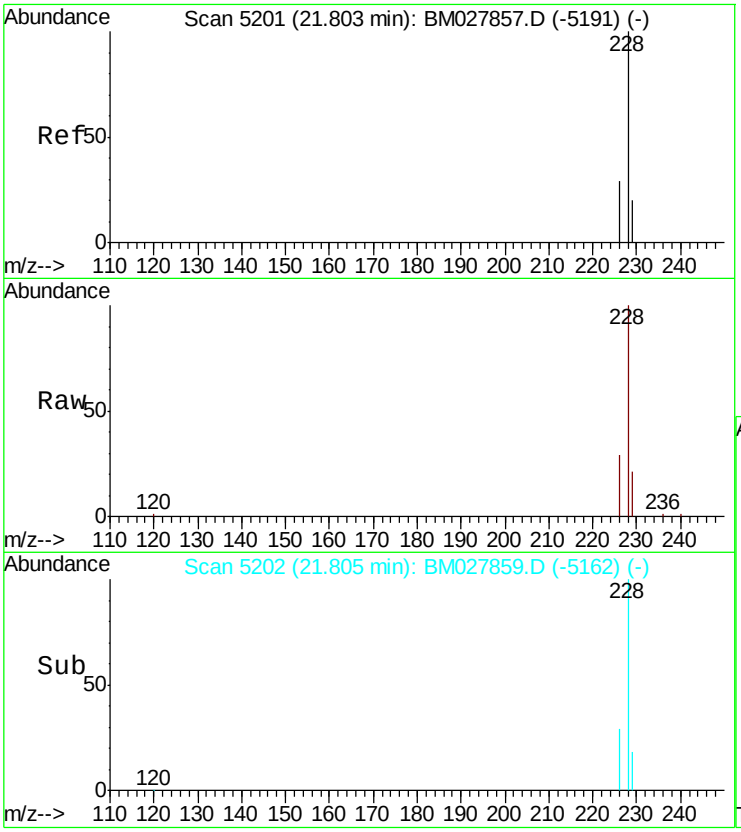


#18
Benzo(a)anthracene
Concen: 1.046 ng/ul
RT: 21.75 min Scan# 5180
Delta R.T. -0.00 min
Lab File: BM027859.D
Acq: 20 Nov 2020 19:12

Tgt Ion:228 Resp: 14132

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.2	24.4
226	27.0	21.5	32.3

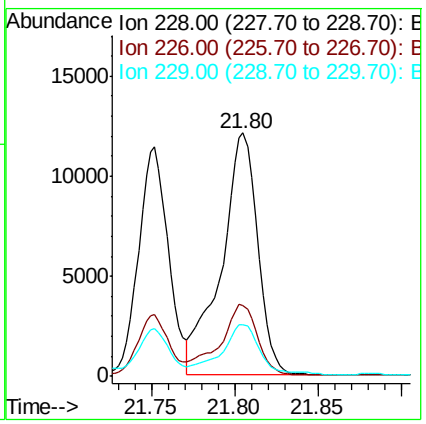




#19
Chrysene
Concen: 1.395 ng/ul
RT: 21.80 min Scan# 5202
Delta R.T. -0.00 min
Lab File: BM027859.D
Acq: 20 Nov 2020 19:12

Tgt Ion:228 Resp: 18370

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.1	36.1
229	21.4	16.6	24.8



Instrument :
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ClientSampleId :
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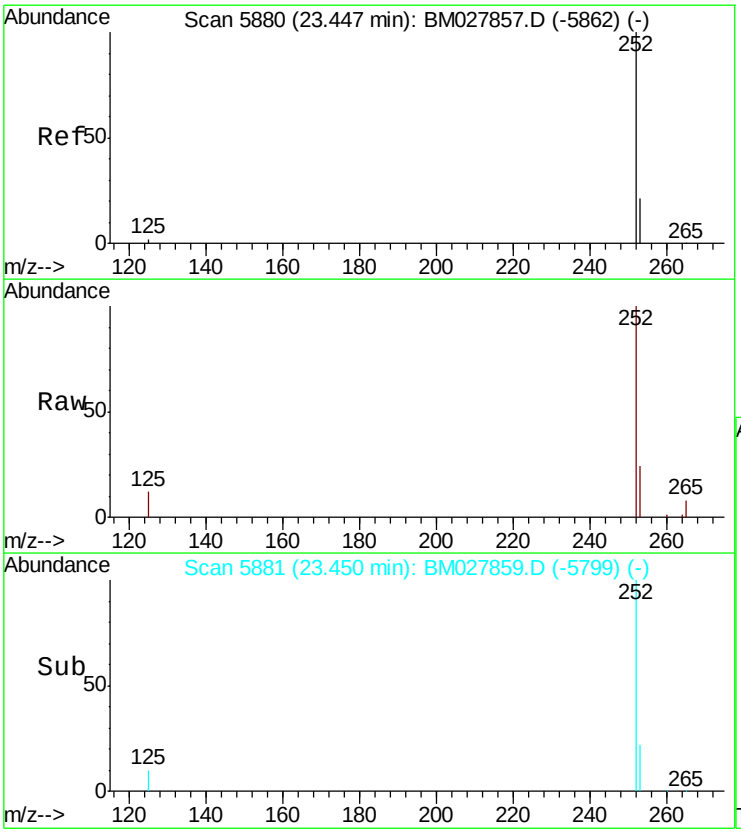
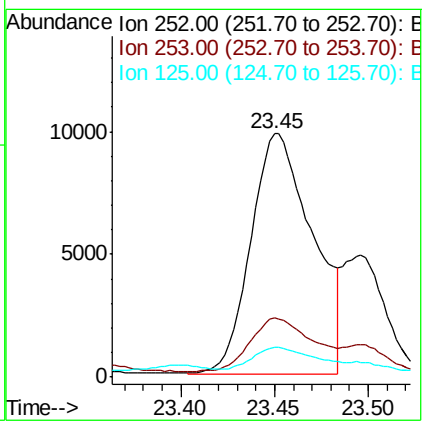
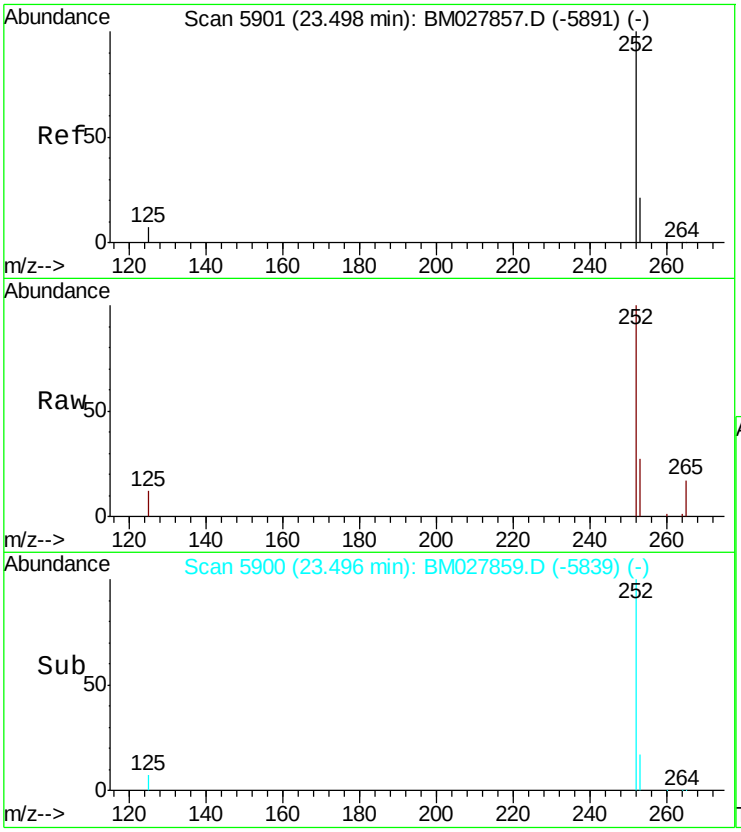


#21
Benzo(b)fluoranthene
Concen: 2.122 ng/ul m
RT: 23.45 min Scan# 5881
Delta R.T. -0.00 min
Lab File: BM027859.D
Acq: 20 Nov 2020 19:12

Tgt Ion:252 Resp: 22688

Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	59.6
125	12.2	0.0	28.4

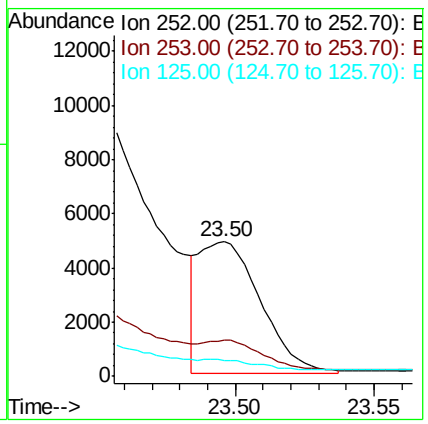




#22
Benzo(k)fluoranthene
Concen: 0.717 ng/ul m
RT: 23.50 min Scan# 5900
Delta R.T. -0.00 min
Lab File: BM027859.D
Acq: 20 Nov 2020 19:12

Tgt Ion:252 Resp: 7511

Ion	Ratio	Lower	Upper
252	100		
253	26.5	23.2	34.8
125	11.8	11.8	17.6



Instrument :
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ClientSampleId :
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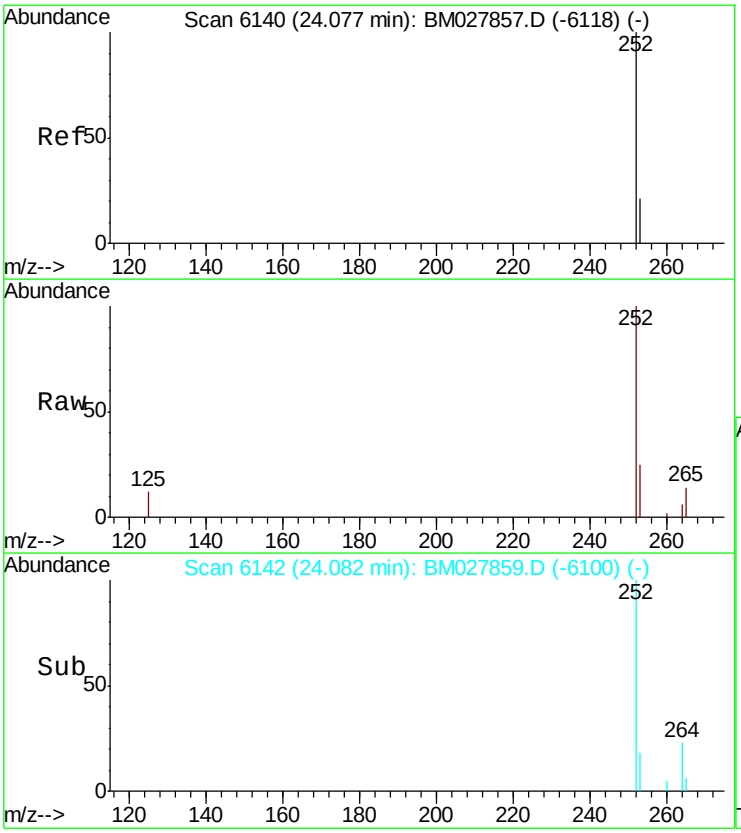
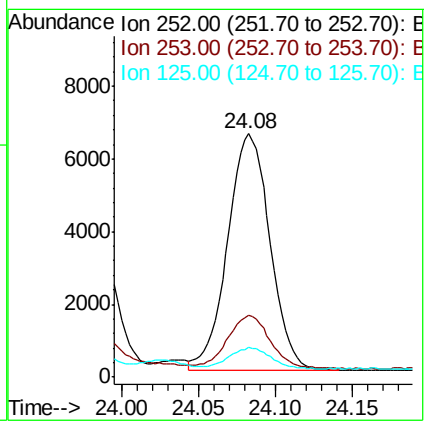
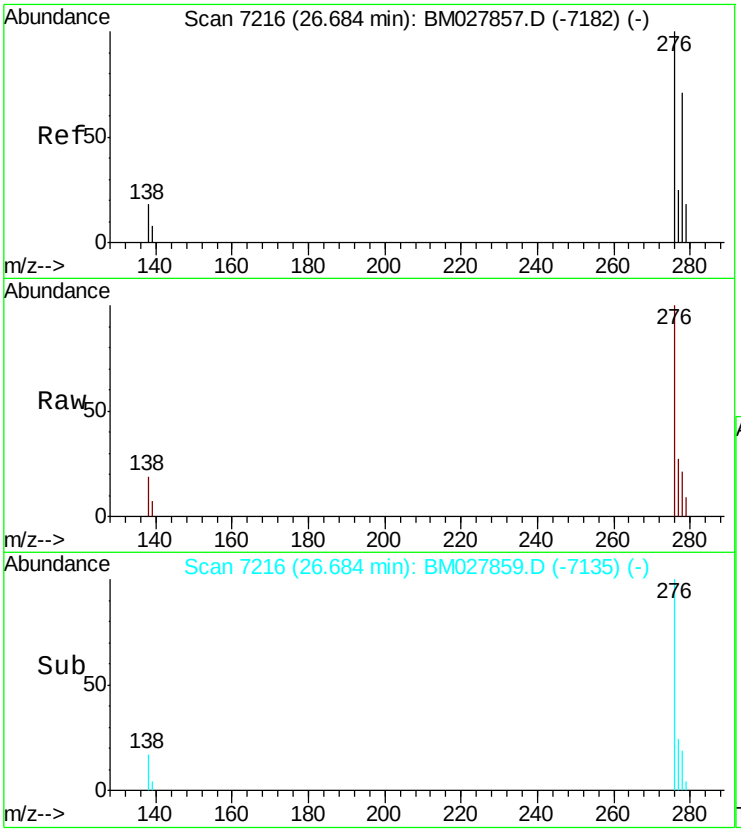


#23
Benzo(a)pyrene
Concen: 1.330 ng/ul
RT: 24.08 min Scan# 6142
Delta R.T. 0.00 min
Lab File: BM027859.D
Acq: 20 Nov 2020 19:12

Tgt Ion:252 Resp: 12437

Ion	Ratio	Lower	Upper
252	100		
253	25.1	25.2	37.8#
125	12.1	13.8	20.6#

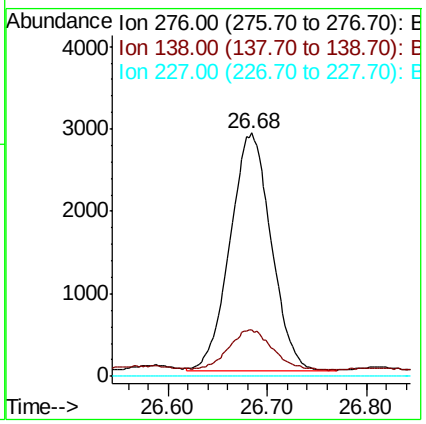




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.813 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027859.D
Acq: 20 Nov 2020 19:12

Tgt Ion:276 Resp: 8229

Ion	Ratio	Lower	Upper
276	100		
138	17.6	15.7	23.5
227	0.0	0.0	0.0



Instrument :
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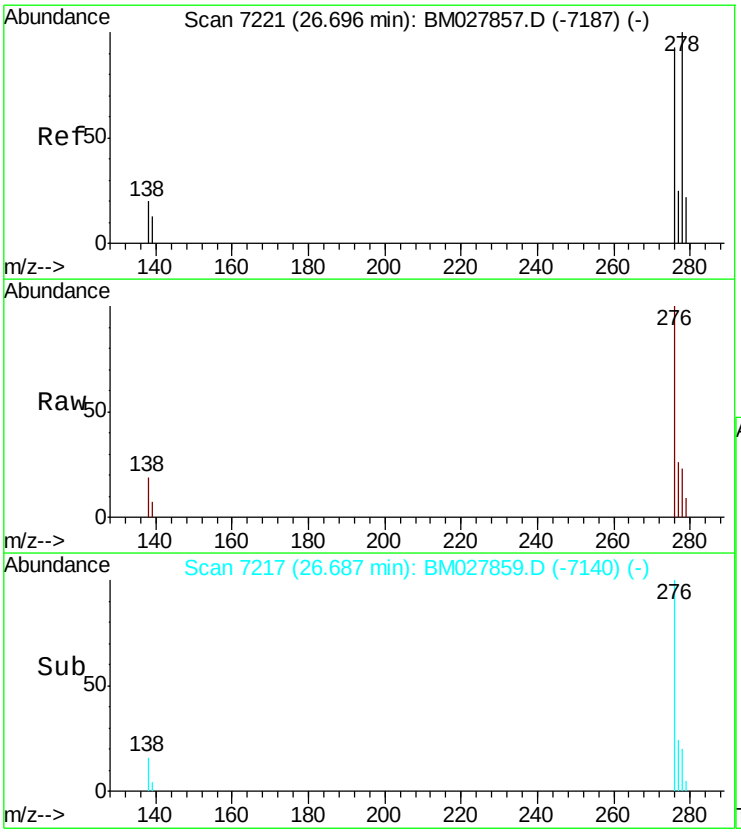
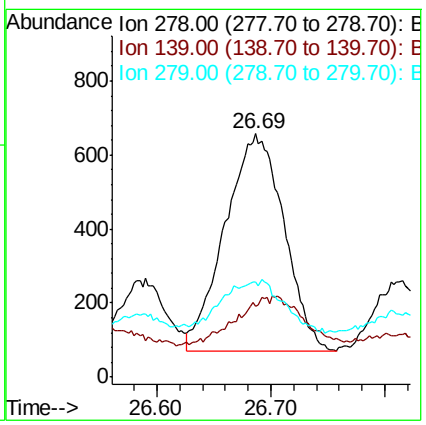
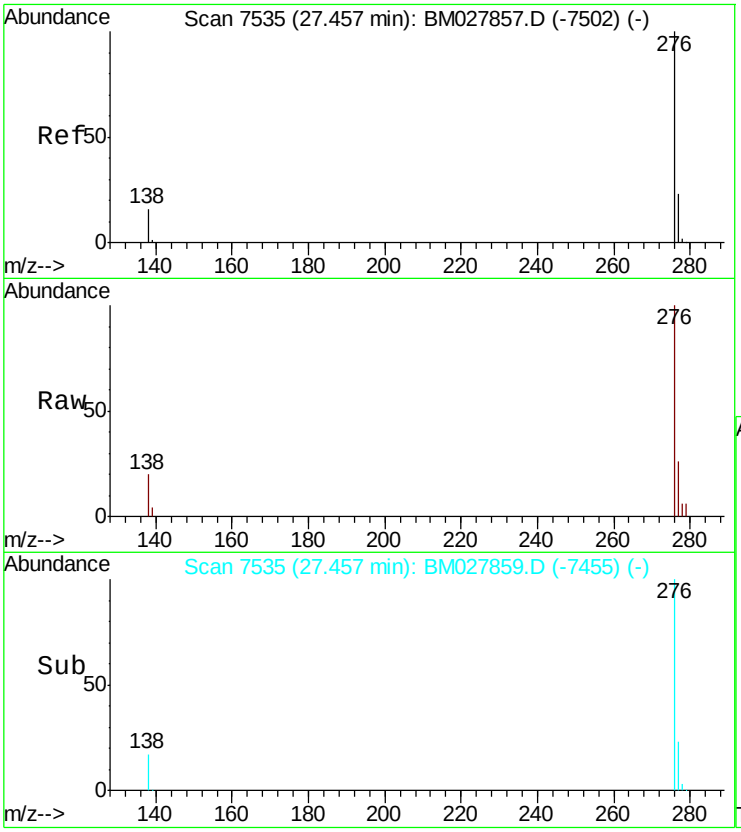


#25
Dibenzo(a,h)anthracene
Concen: 0.249 ng/ul
RT: 26.69 min Scan# 7217
Delta R.T. -0.01 min
Lab File: BM027859.D
Acq: 20 Nov 2020 19:12

Tgt Ion:278 Resp: 2100

Ion	Ratio	Lower	Upper
278	100		
139	29.2	14.8	22.2#
279	39.1	25.8	38.6#

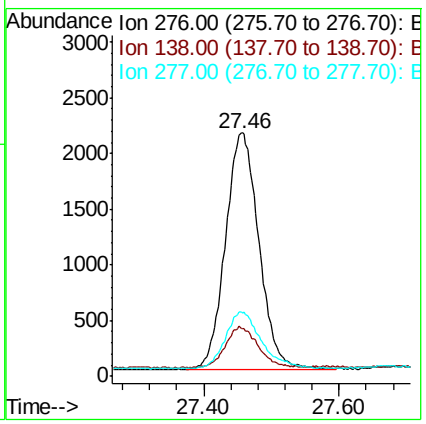




#26
Benzo(g,h,i)perylene
Concen: 0.855 ng/ul
RT: 27.46 min Scan# 7535
Delta R.T. -0.00 min
Lab File: BM027859.D
Acq: 20 Nov 2020 19:12

Tgt Ion:276 Resp: 7260

Ion	Ratio	Lower	Upper
276	100		
138	19.8	17.4	26.2
277	25.9	22.5	33.7



Instrument :
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ClientSampleId :
C0AW4

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