Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027860.D
Acq On : 20 Nov 2020 19:48
Operator : JU/CG
Sample : L4710-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AX7

Manual Integrations APPROVED
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11/24/2020 8:57:32 AM

Quant Time: Nov 21 02:49:53 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	858	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3500	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2175	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.67	188	4502	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	3324	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2533	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	881	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2290	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	239	0.023	ng/ul#	46
5) 2-Methylnaphthalene	12.80	142	154	0.022	ng/ul	99
12) Phenanthrene	17.70	178	4132	0.291	ng/ul	100
13) Anthracene	17.79	178	618	0.045	ng/ul#	78
15) Fluoranthene	19.68	202	18885	1.198	ng/ul	99
17) Pyrene	20.04	202	16690	0.989	ng/ul	99
18) Benzo(a)anthracene	21.75	228	8157	0.608	ng/ul	99
19) Chrysene	21.81	228	10342	0.792	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	12419m	1.167	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	4036m	0.387	ng/ul	
23) Benzo(a)pyrene	24.08	252	6957	0.747	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	26.68	276	4797	0.476	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.69	278	1192	0.142	ng/ul#	49
26) Benzo(g,h,i)perylene	27.46	276	4334	0.513	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027860.D
Acq On : 20 Nov 2020 19:48
Operator : JU/CG
Sample : L4710-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 21 02:49:53 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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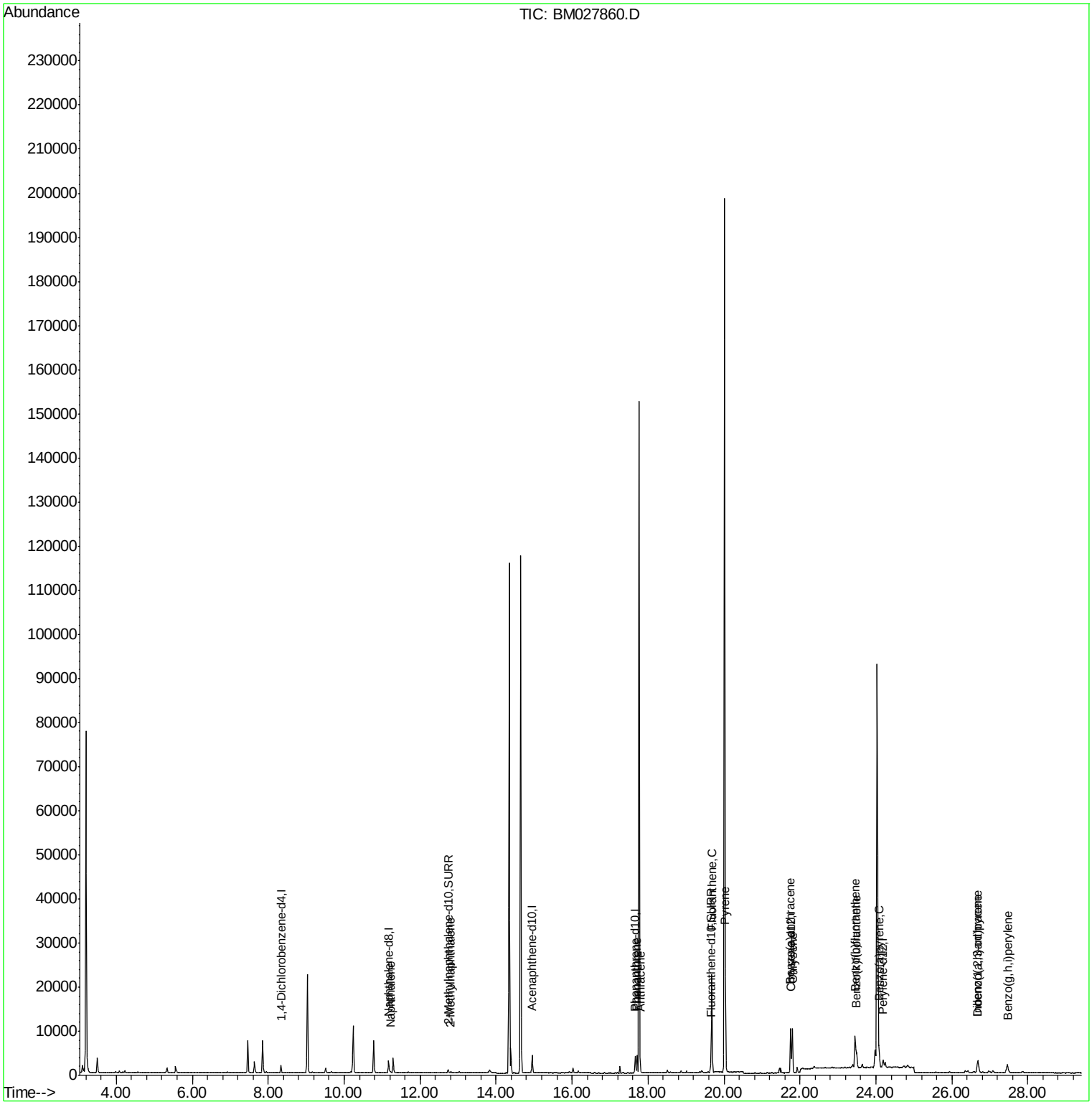

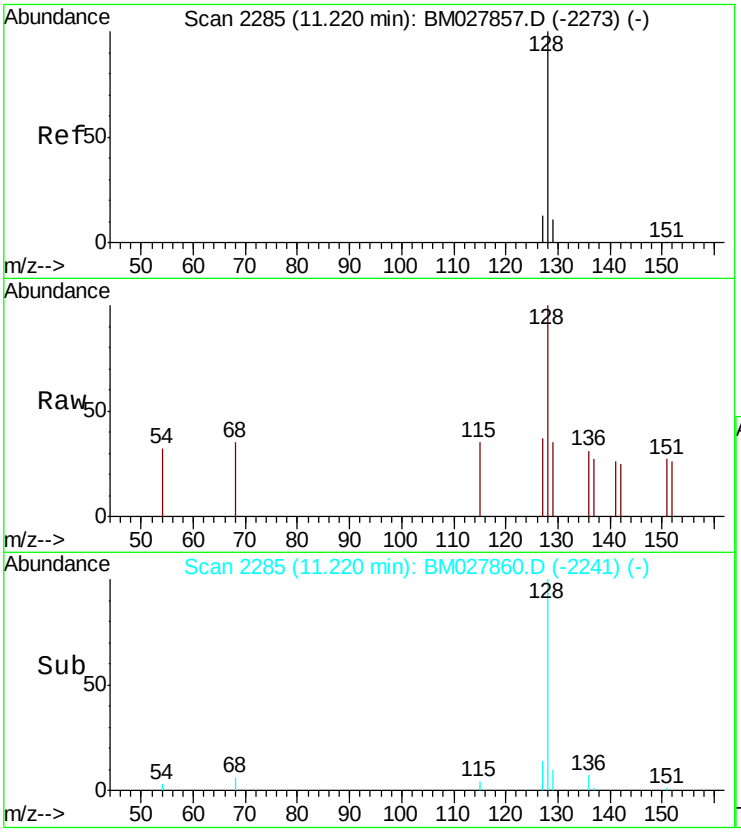

#3
Naphthalene
Concen: 0.023 ng/ul
RT: 11.22 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BM027860.D
Acq: 20 Nov 2020 19:48

Tgt Ion:128 Resp: 239

Ion	Ratio	Lower	Upper
128	100		
129	35.1	10.4	15.6#
127	36.6	12.0	18.0#

Instrument :
BNA_M
ClientSampleId :
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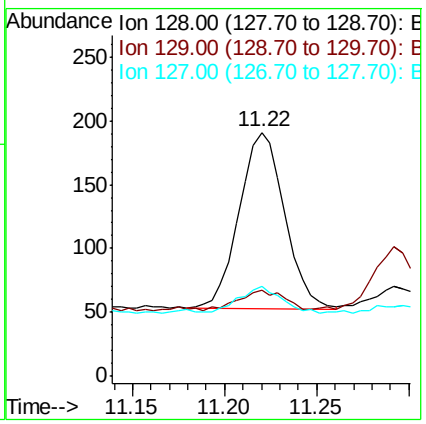
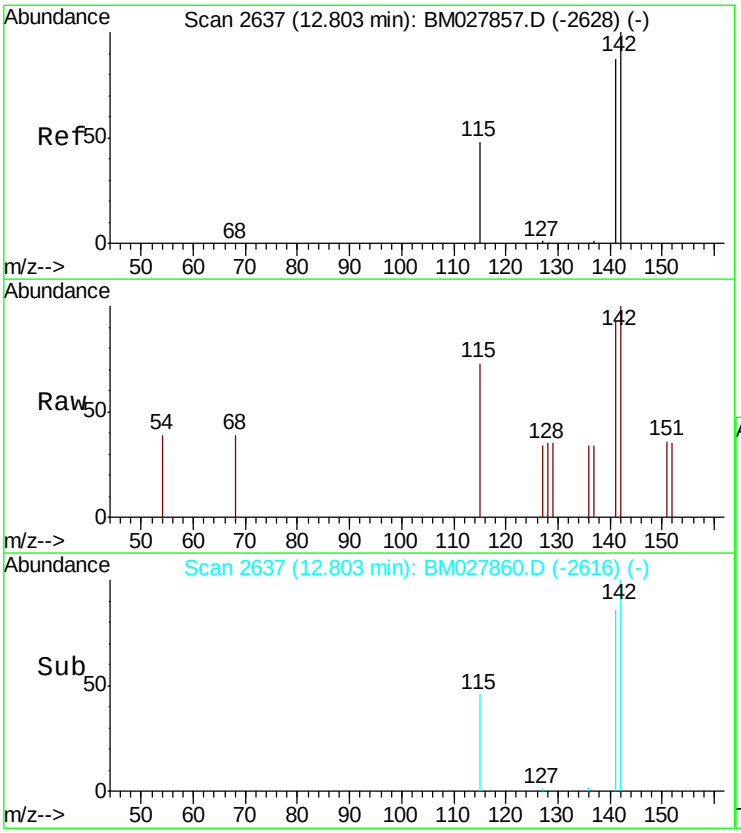
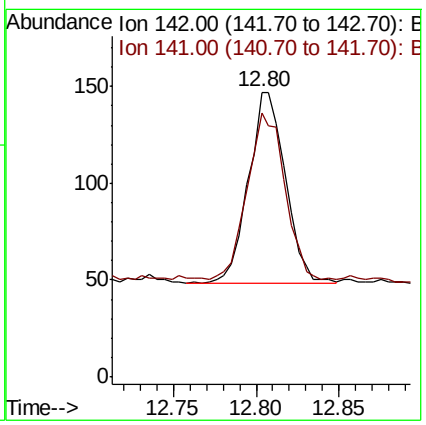


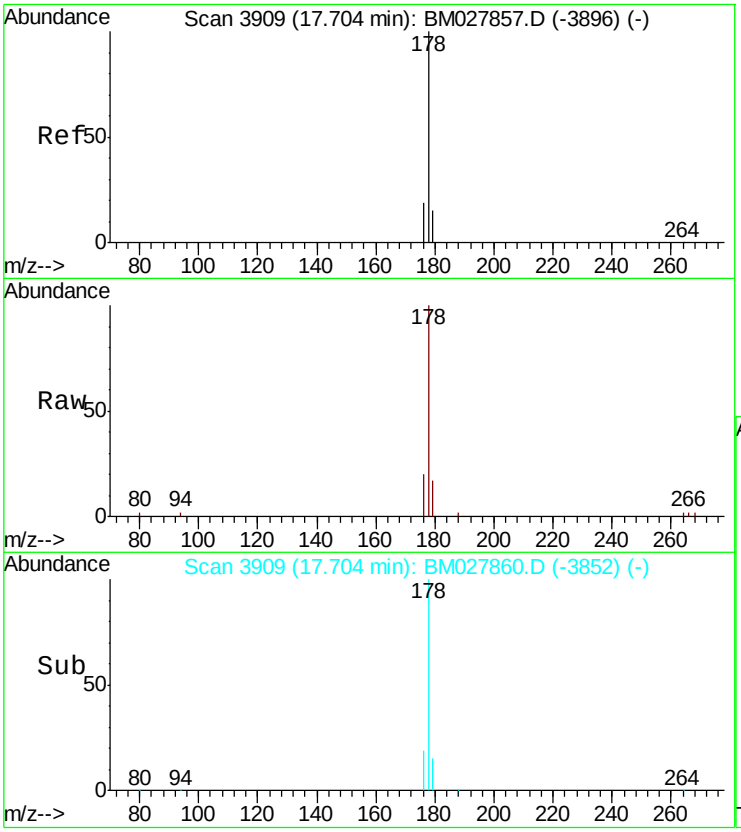


#5
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.80 min Scan# 2637
Delta R.T. -0.00 min
Lab File: BM027860.D
Acq: 20 Nov 2020 19:48

Tgt Ion:142 Resp: 154

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.6	107.4

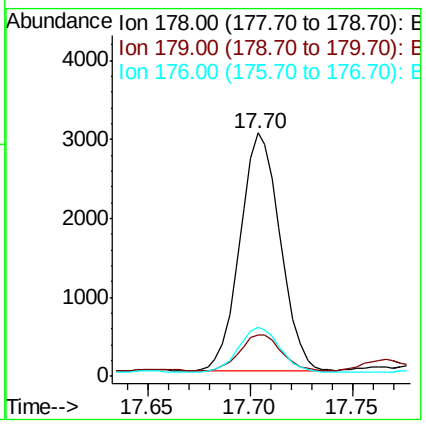




#12
Phenanthrene
Concen: 0.291 ng/ul
RT: 17.70 min Scan# 3909
Delta R.T. -0.00 min
Lab File: BM027860.D
Acq: 20 Nov 2020 19:48

Tgt Ion:178 Resp: 4132

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.6	20.4
176	20.2	16.1	24.1



Instrument :
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ClientSampleId :
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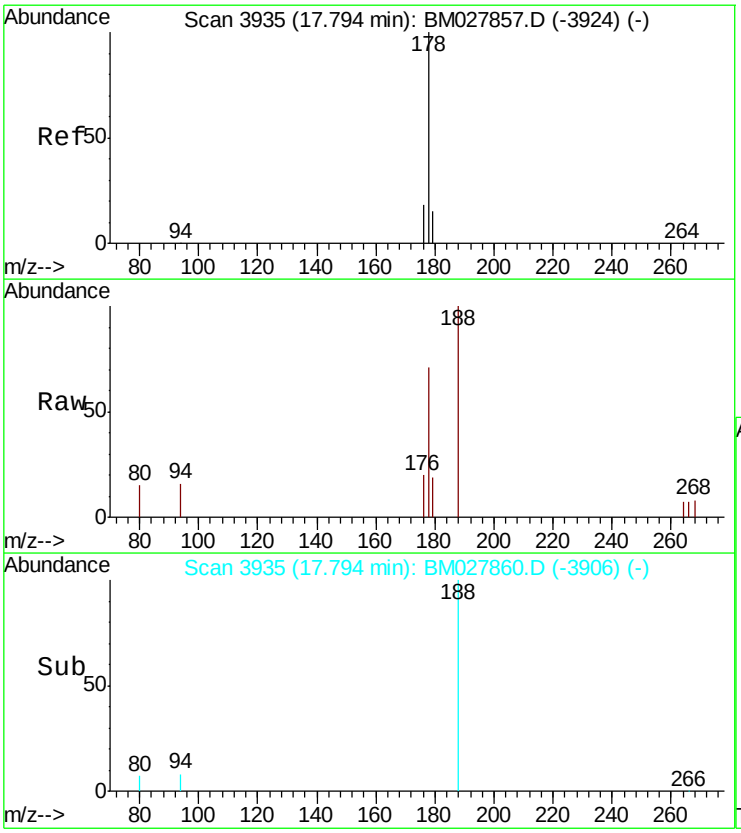
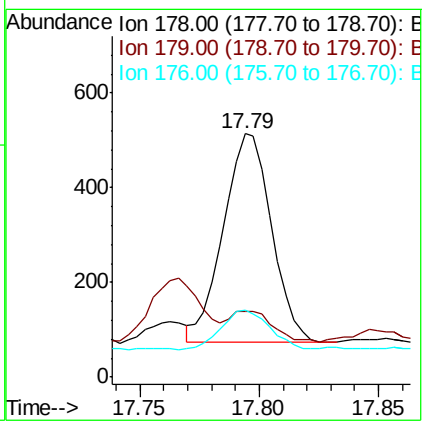
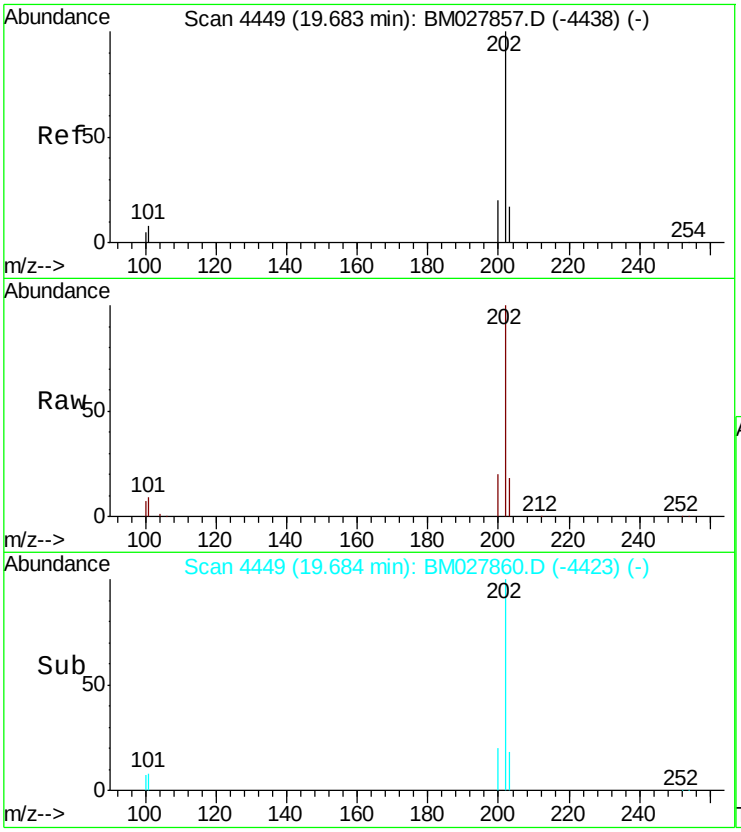


#13
Anthracene
Concen: 0.045 ng/ul
RT: 17.79 min Scan# 3935
Delta R.T. 0.00 min
Lab File: BM027860.D
Acq: 20 Nov 2020 19:48

Tgt Ion:178 Resp: 618

Ion	Ratio	Lower	Upper
178	100		
179	27.0	13.4	20.2#
176	27.6	15.0	22.6#

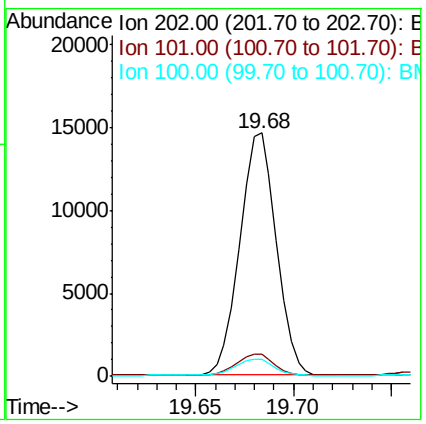




#15
Fluoranthene
Concen: 1.198 ng/ul
RT: 19.68 min Scan# 4449
Delta R.T. 0.00 min
Lab File: BM027860.D
Acq: 20 Nov 2020 19:48

Tgt Ion:202 Resp: 18885

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	29.3
100	6.9	0.0	27.4



Instrument :
BNA_M
ClientSampleId :
C0AX7

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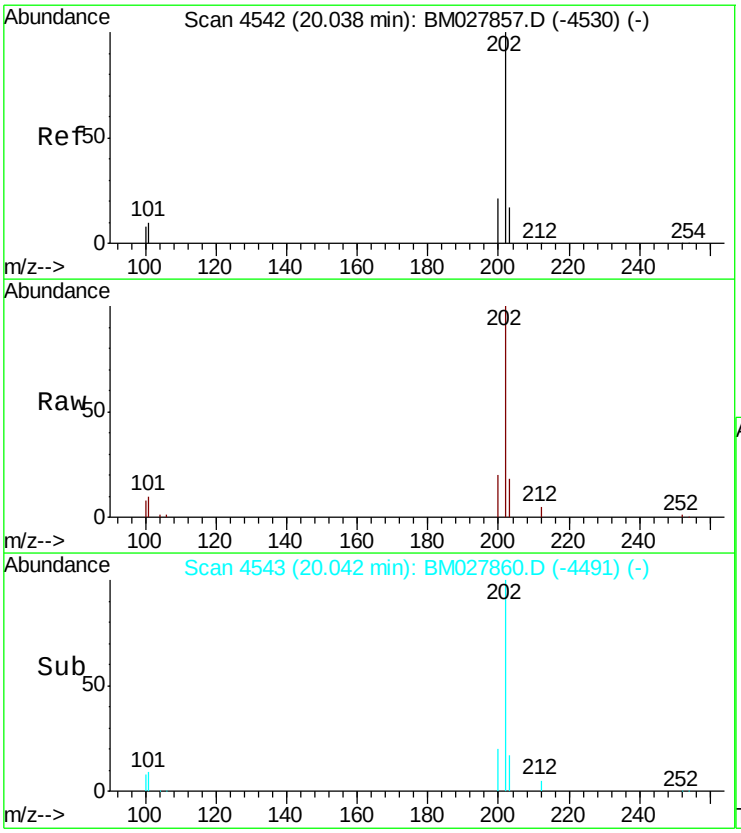
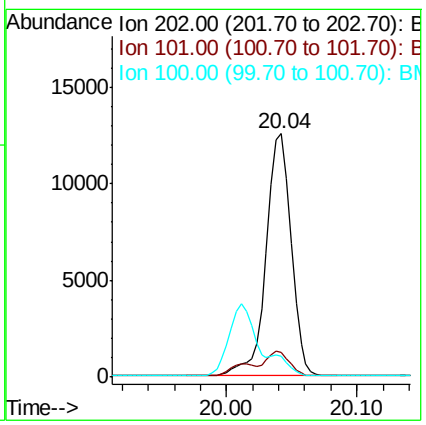
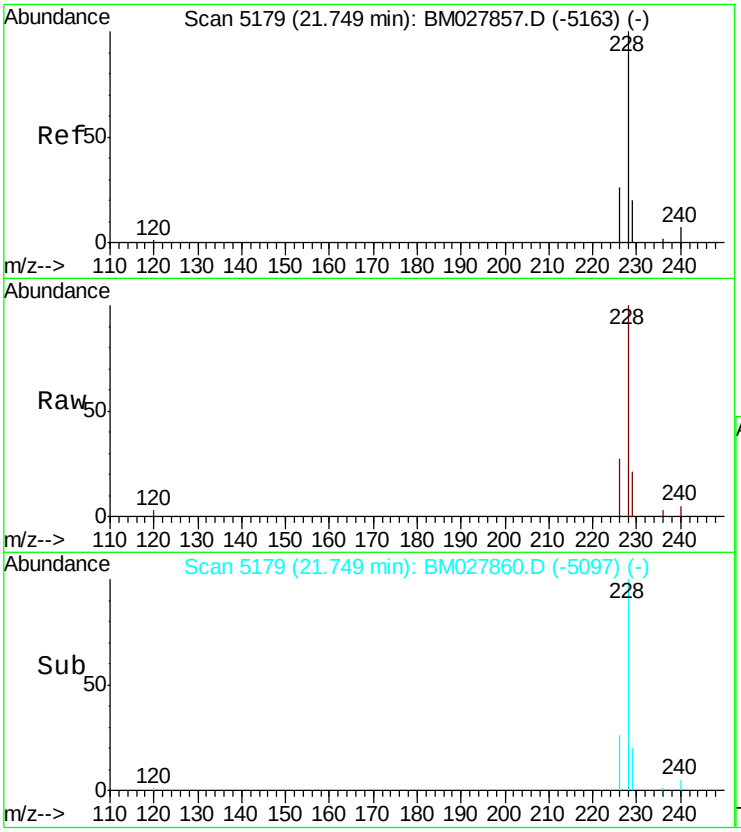


#17
Pyrene
Concen: 0.989 ng/ul
RT: 20.04 min Scan# 4543
Delta R.T. 0.00 min
Lab File: BM027860.D
Acq: 20 Nov 2020 19:48

Tgt Ion:202 Resp: 16690

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.2	12.2
100	8.3	6.9	10.3

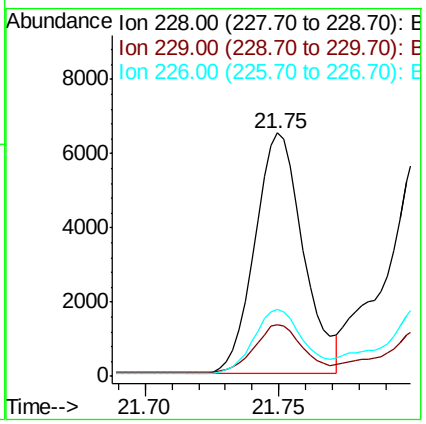




#18
Benzo(a)anthracene
Concen: 0.608 ng/ul
RT: 21.75 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BM027860.D
Acq: 20 Nov 2020 19:48

Tgt Ion:228 Resp: 8157

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.2	24.4
226	27.4	21.5	32.3



Instrument :
BNA_M
ClientSampleId :
C0AX7

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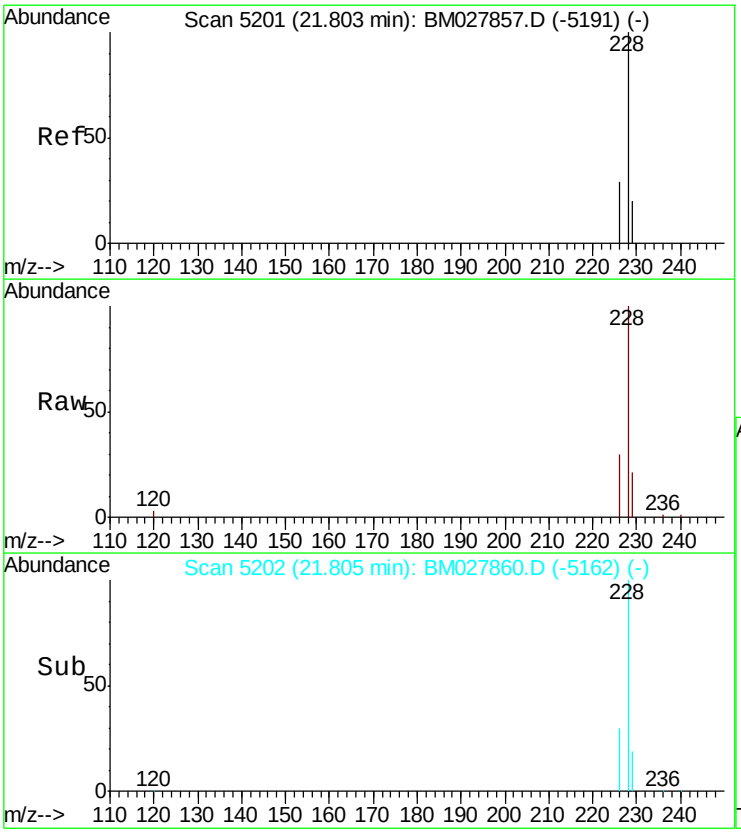
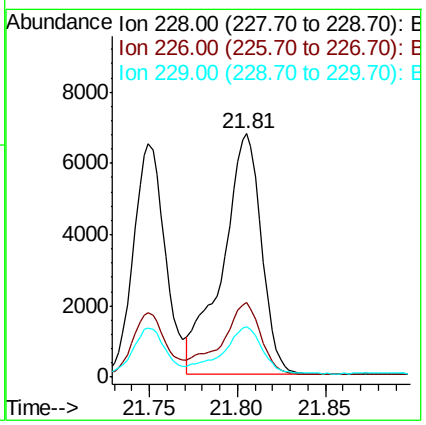
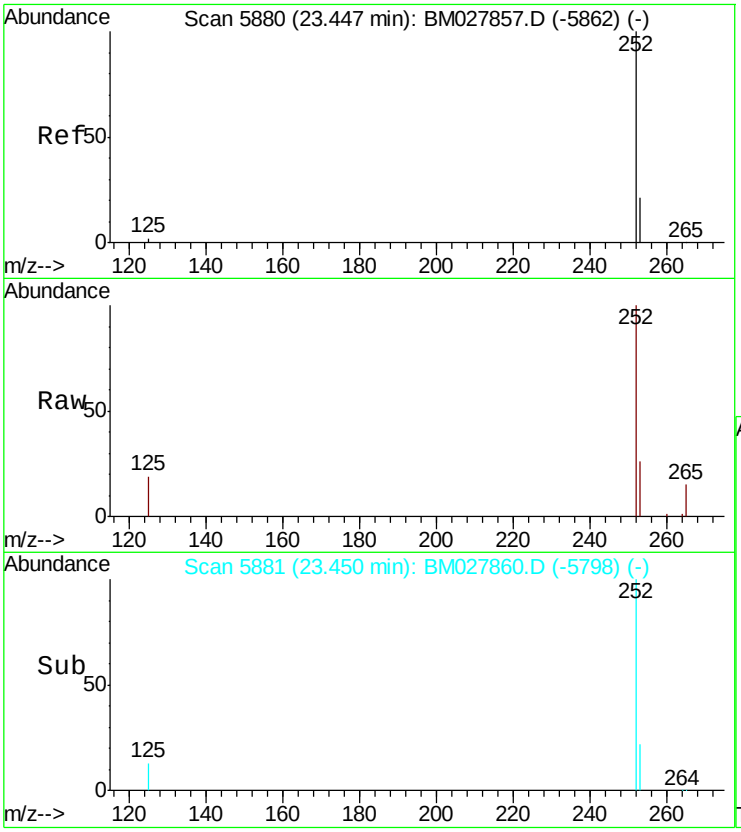


#19
Chrysene
Concen: 0.792 ng/ul
RT: 21.81 min Scan# 5202
Delta R.T. -0.00 min
Lab File: BM027860.D
Acq: 20 Nov 2020 19:48

Tgt Ion:228 Resp: 10342

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	20.9	16.6	24.8

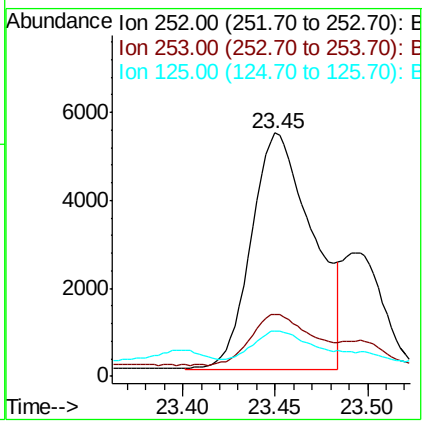




#21
Benzo(b)fluoranthene
Concen: 1.167 ng/ul m
RT: 23.45 min Scan# 5881
Delta R.T. 0.00 min
Lab File: BM027860.D
Acq: 20 Nov 2020 19:48

Tgt Ion:252 Resp: 12419

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	59.6
125	18.5	0.0	28.4



Instrument :
BNA_M
ClientSampleId :
C0AX7

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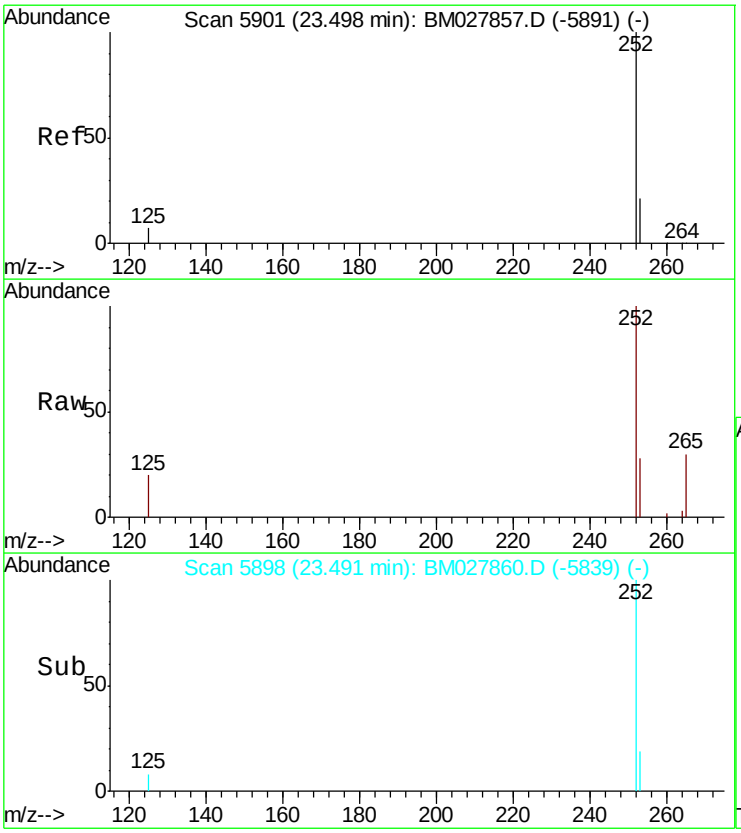
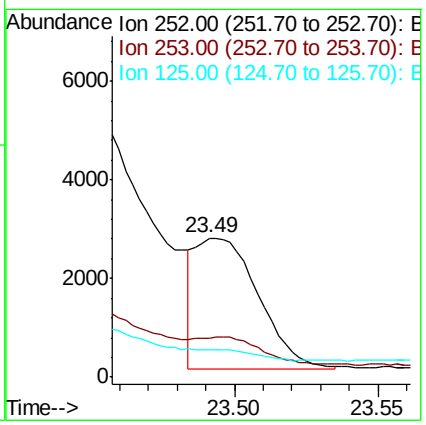
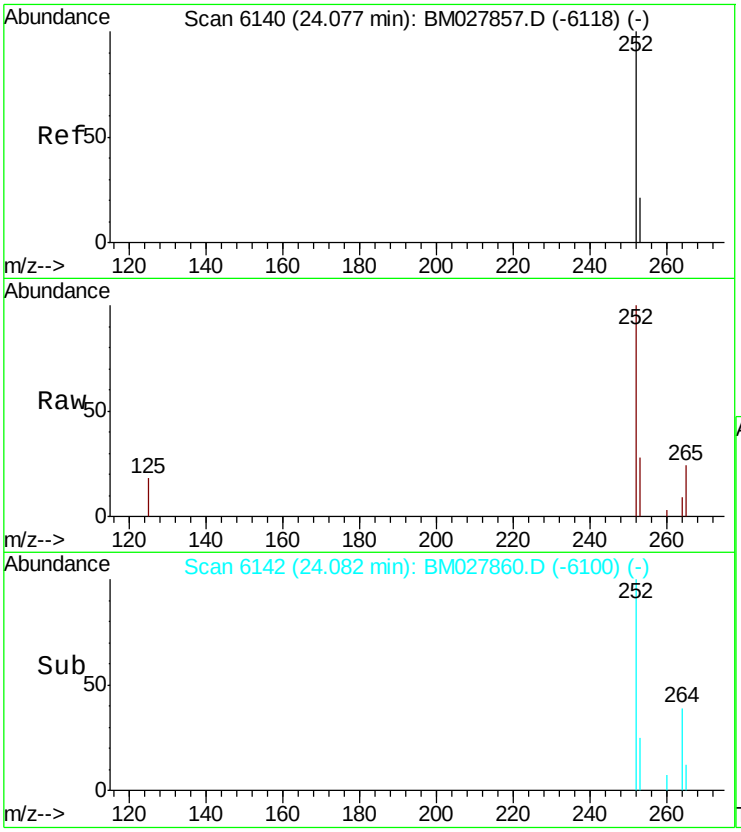


#22
Benzo(k)fluoranthene
Concen: 0.387 ng/ul m
RT: 23.49 min Scan# 5898
Delta R.T. -0.01 min
Lab File: BM027860.D
Acq: 20 Nov 2020 19:48

Tgt Ion:252 Resp: 4036

Ion	Ratio	Lower	Upper
252	100		
253	28.1	23.2	34.8
125	19.6	11.8	17.6#

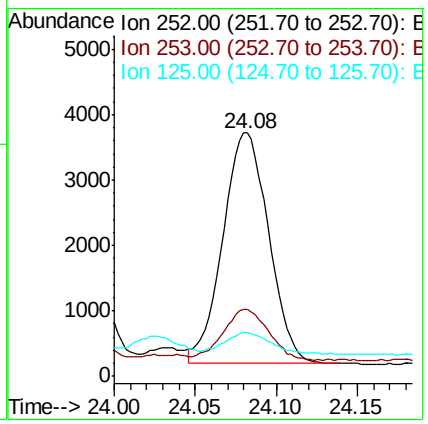




#23
Benzo(a)pyrene
Concen: 0.747 ng/ul
RT: 24.08 min Scan# 6142
Delta R.T. 0.00 min
Lab File: BM027860.D
Acq: 20 Nov 2020 19:48

Tgt Ion:252 Resp: 6957

Ion	Ratio	Lower	Upper
252	100		
253	27.7	25.2	37.8
125	17.9	13.8	20.6



Instrument :
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ClientSampleId :
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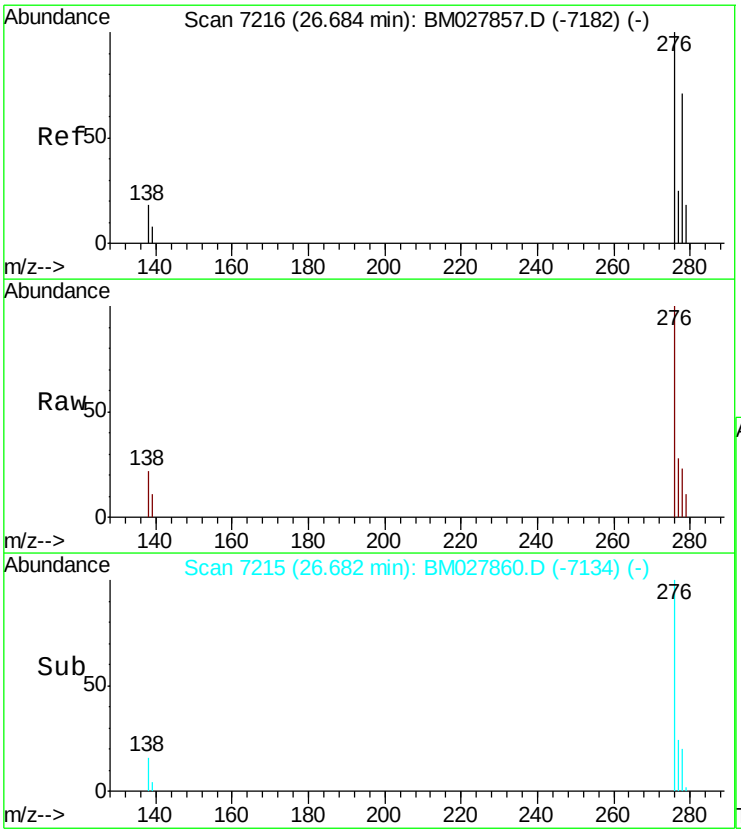
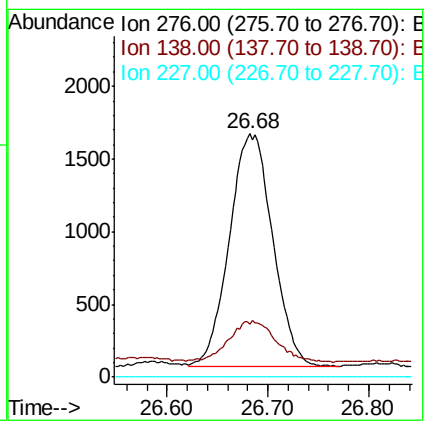
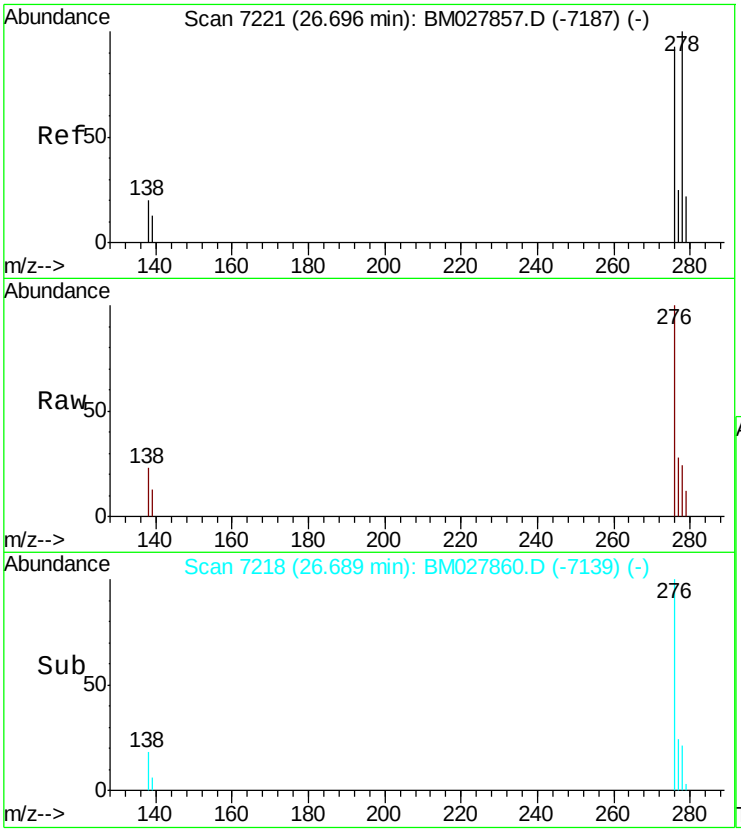


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.476 ng/ul
RT: 26.68 min Scan# 7215
Delta R.T. -0.00 min
Lab File: BM027860.D
Acq: 20 Nov 2020 19:48

Tgt Ion:276 Resp: 4797

Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.7	23.5
227	0.0	0.0	0.0

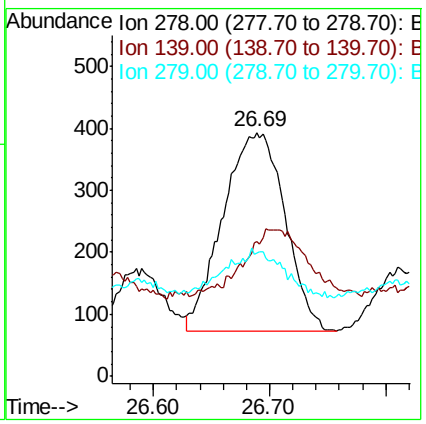




#25
Dibenzo(a,h)anthracene
Concen: 0.142 ng/ul
RT: 26.69 min Scan# 7218
Delta R.T. -0.01 min
Lab File: BM027860.D
Acq: 20 Nov 2020 19:48

Tgt Ion:278 Resp: 1192

Ion	Ratio	Lower	Upper
278	100		
139	55.5	14.8	22.2#
279	50.6	25.8	38.6#



Instrument :
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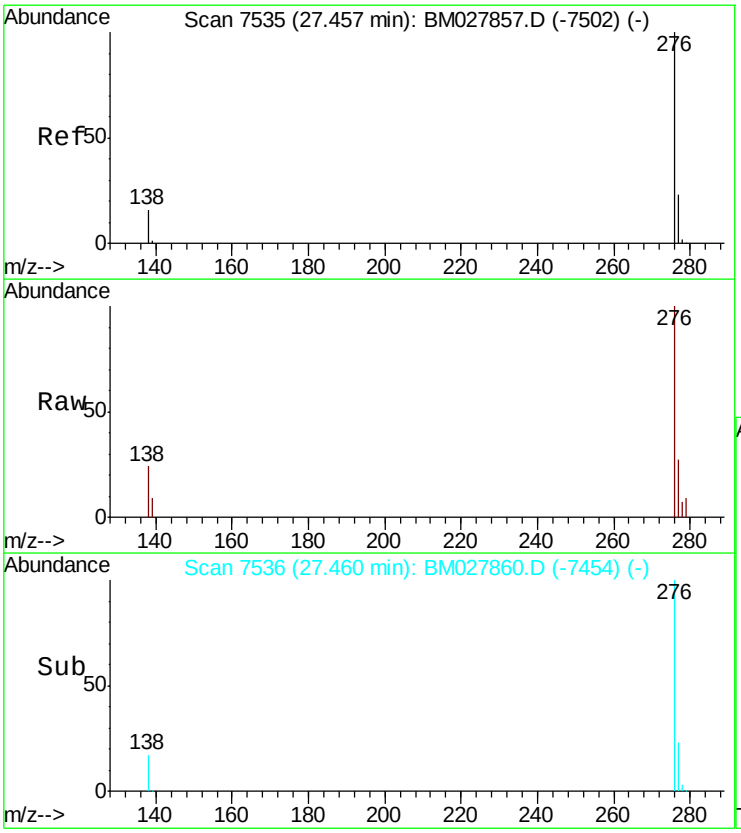

#26
Benzo(g,h,i)perylene
Concen: 0.513 ng/ul
RT: 27.46 min Scan# 7536
Delta R.T. -0.00 min
Lab File: BM027860.D
Acq: 20 Nov 2020 19:48

Tgt Ion:276 Resp: 4334

Ion	Ratio	Lower	Upper
276	100		
138	23.9	17.4	26.2
277	27.5	22.5	33.7