Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
Data File : BM025921.D
Acq On : 03 Apr 2020 20:34
Operator : CG/JU
Sample : L2062-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E03

Manual Integrations APPROVED
mohammad
4/6/2020 1:40:48 PM

Quant Time: Apr 03 23:06:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 22:53:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	4687	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	20960	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	14969	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	33557m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	32853	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	27206	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	13665	0.37	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	36784	0.35	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.92	152	4289	0.067	ng/ul	98
13) Anthracene	17.08	178	4633	0.050	ng/ul	96
15) Fluoranthene	19.01	202	29792	0.228	ng/ul	98
17) Pyrene	19.37	202	70542m	0.600	ng/ul	
18) Benzo(a)anthracene	21.12	228	31597	0.269	ng/ul	95
19) Chrysene	21.16	228	69448	0.542	ng/ul	98
21) Benzo(b)fluoranthene	22.65	252	143215m	1.430	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	47559m	0.443	ng/ul	
23) Benzo(a)pyrene	23.20	252	53673	0.600	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.40	276	28849	0.241	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.40	278	8509	0.085	ng/ul#	89
26) Benzo(g,h,i)perylene	26.05	276	20046	0.198	ng/ul	98

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

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Instrument :
BNA_M
ClientSampleId :
F3E03

Manual Integrations APPROVED
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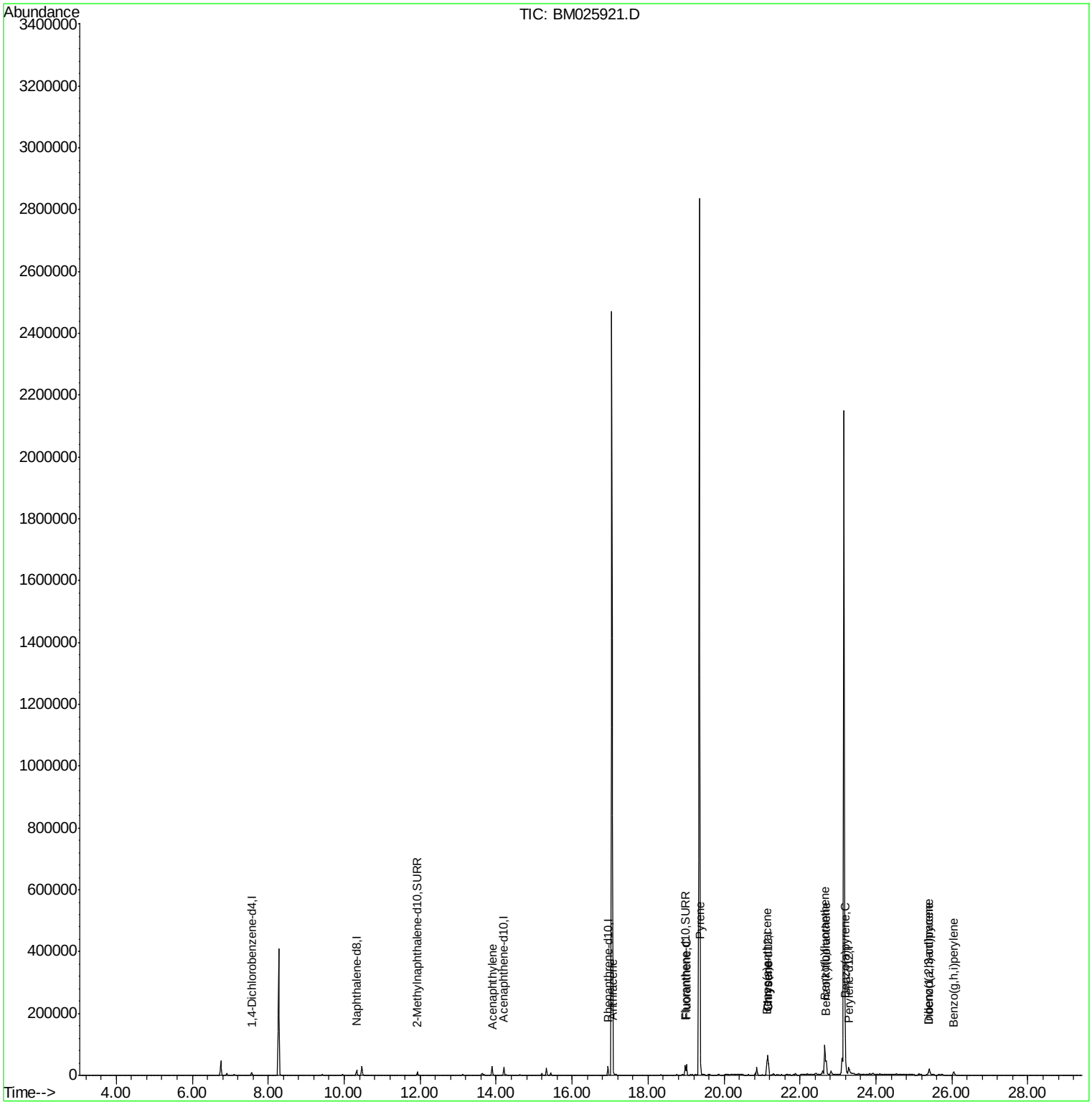
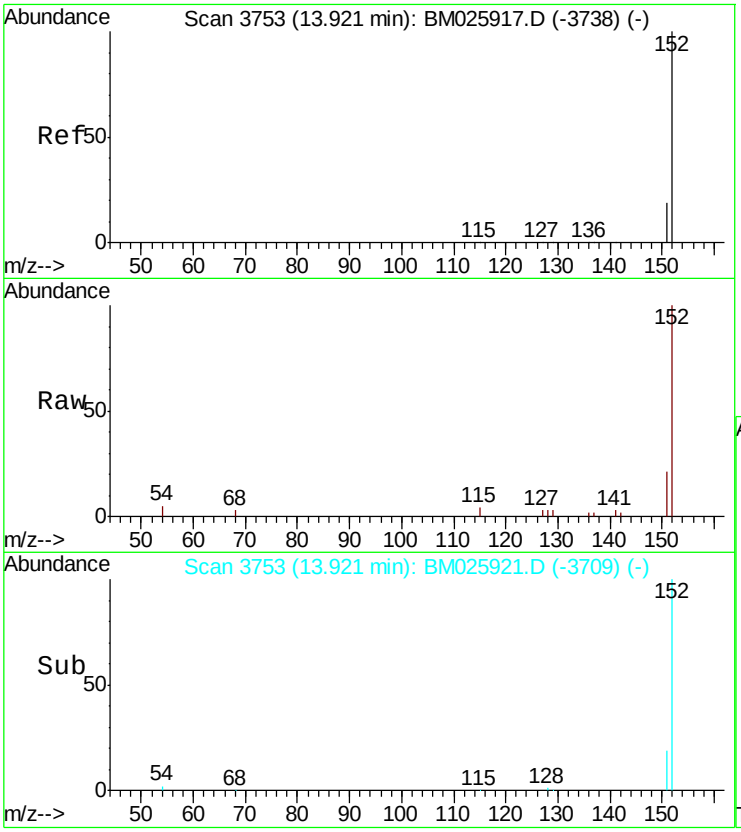
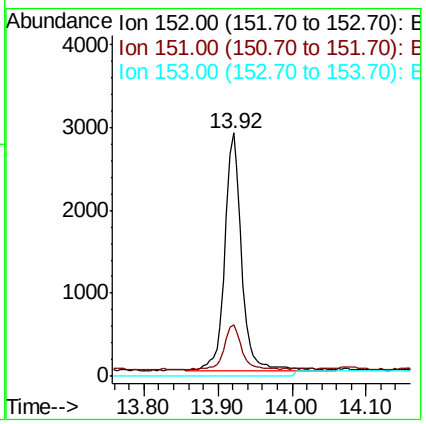




#7
Acenaphthylene
Concen: 0.067 ng/ul
RT: 13.92 min Scan# 3753
Delta R.T. -0.00 min
Lab File: BM025921.D
Acq: 03 Apr 2020 20:34

Tgt Ion:152 Resp: 4289

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.1	24.1
153	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
F3E03

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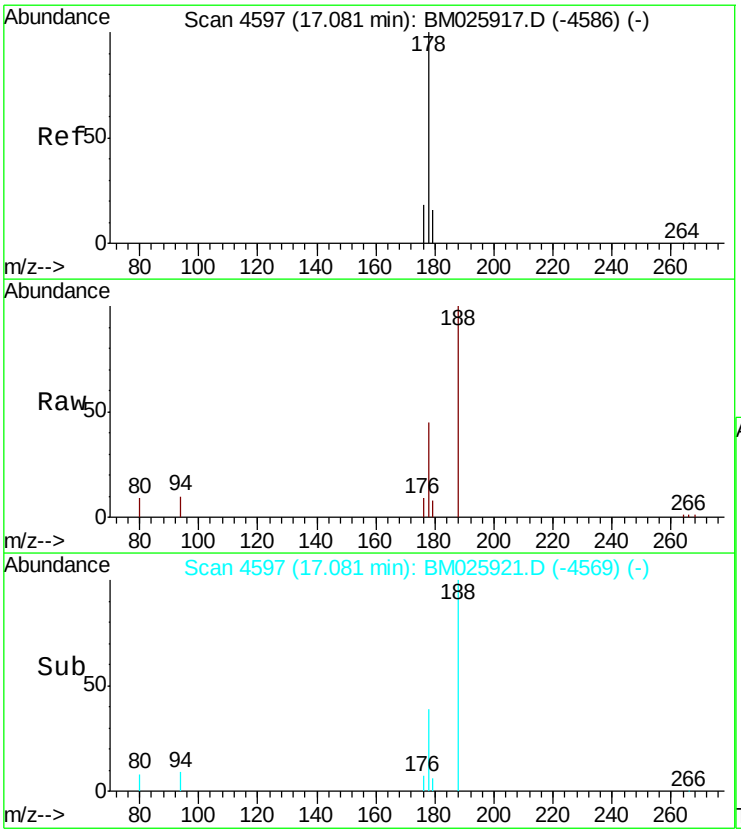
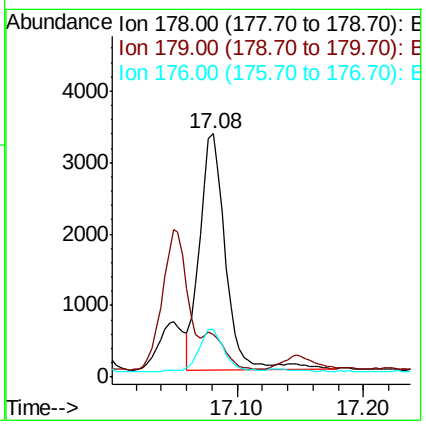
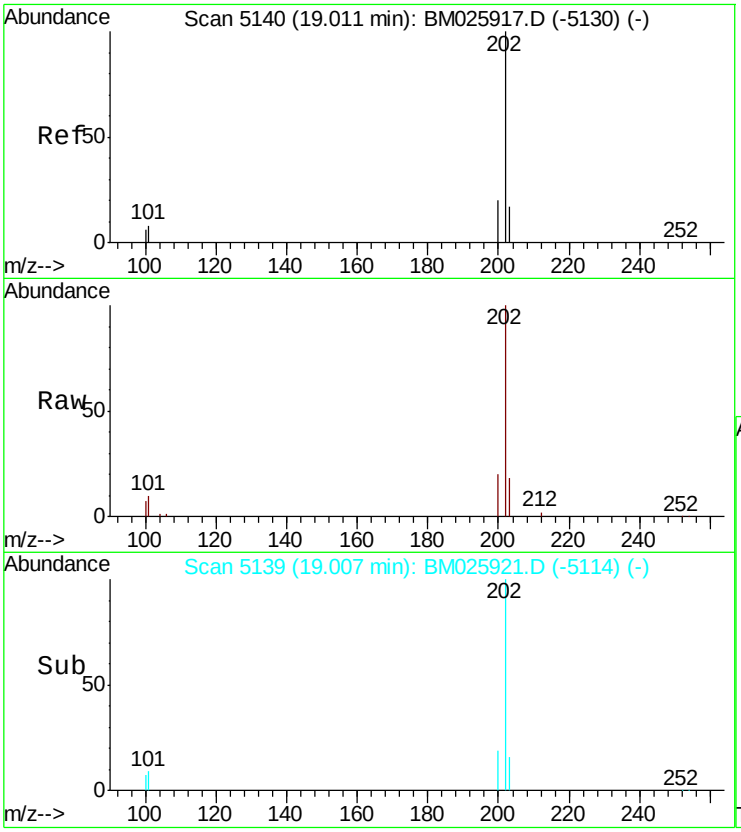


#13
Anthracene
Concen: 0.050 ng/ul
RT: 17.08 min Scan# 4597
Delta R.T. -0.00 min
Lab File: BM025921.D
Acq: 03 Apr 2020 20:34

Tgt Ion:178 Resp: 4633

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.8	19.2
176	19.6	14.5	21.7

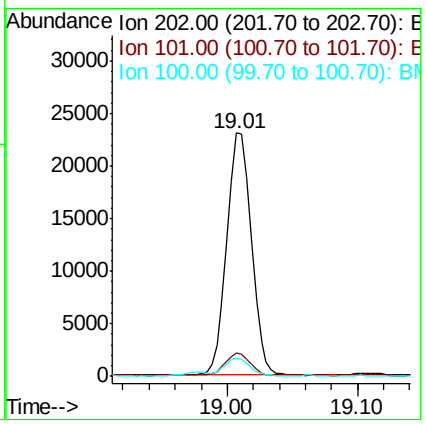




#15
Fluoranthene
Concen: 0.228 ng/ul
RT: 19.01 min Scan# 5139
Delta R.T. -0.01 min
Lab File: BM025921.D
Acq: 03 Apr 2020 20:34

Tgt Ion:202 Resp: 29792

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	28.6
100	7.5	0.0	27.0



Instrument :
BNA_M
ClientSampleId :
F3E03

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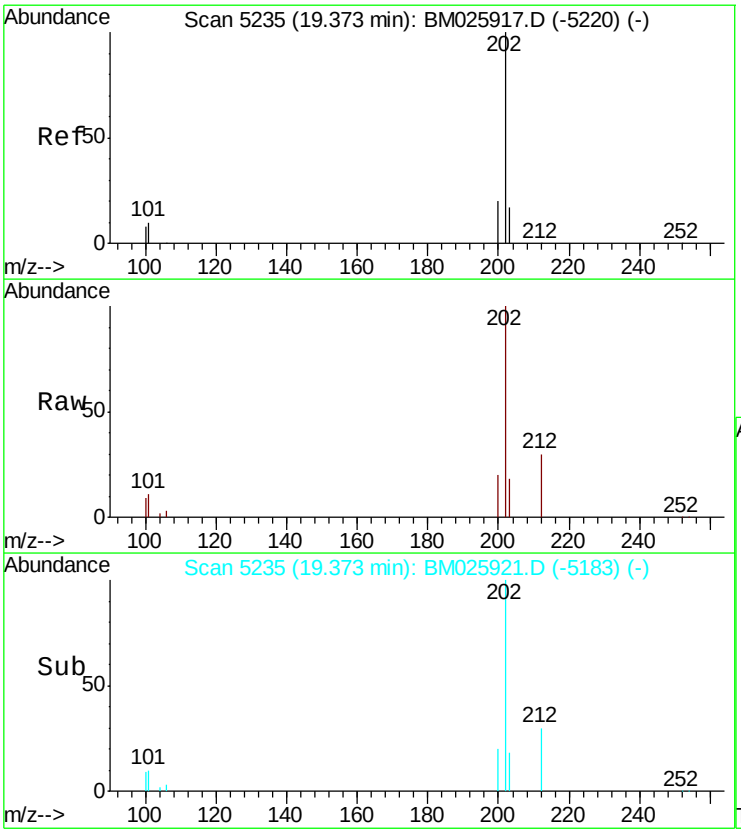
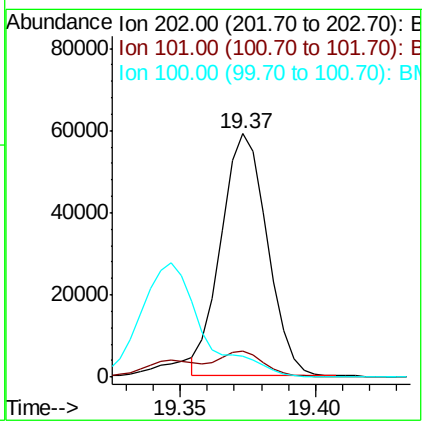
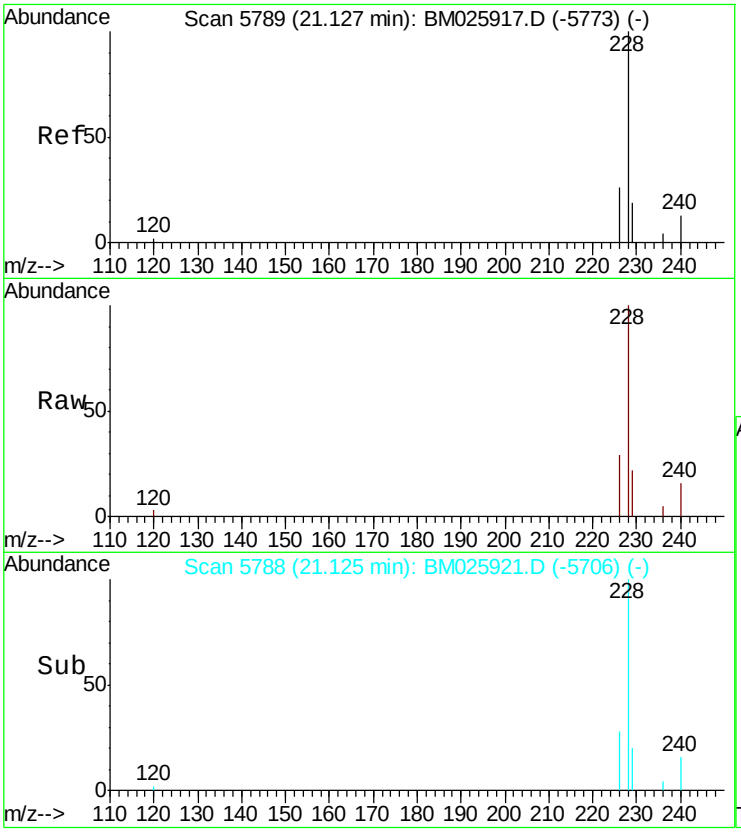


#17
Pyrene
Concen: 0.600 ng/ul m
RT: 19.37 min Scan# 5235
Delta R.T. -0.00 min
Lab File: BM025921.D
Acq: 03 Apr 2020 20:34

Tgt Ion:202 Resp: 70542

Ion	Ratio	Lower	Upper
202	100		
101	10.6	7.5	11.3
100	8.8	6.3	9.5

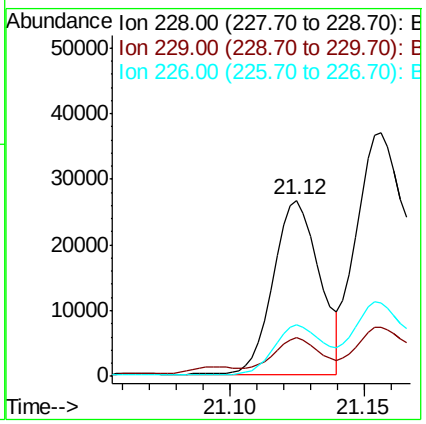




#18
Benzo(a)anthracene
Concen: 0.269 ng/ul
RT: 21.12 min Scan# 5788
Delta R.T. -0.00 min
Lab File: BM025921.D
Acq: 03 Apr 2020 20:34

Tgt Ion:228 Resp: 31597

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.8
226	29.0	20.9	31.3



Instrument :
BNA_M
ClientSampleId :
F3E03

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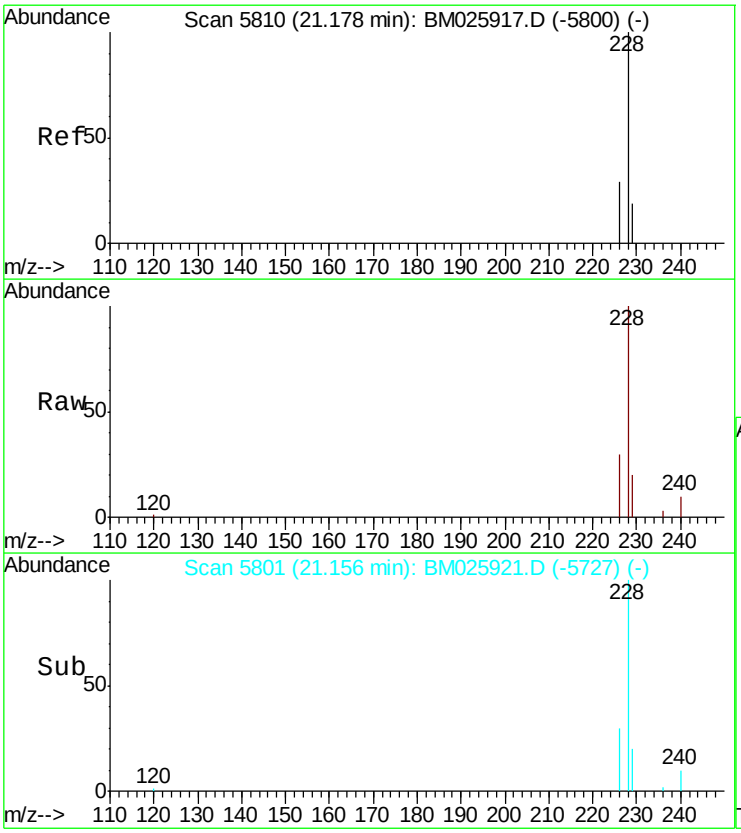
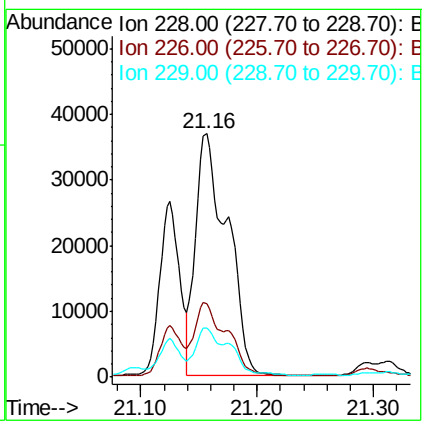
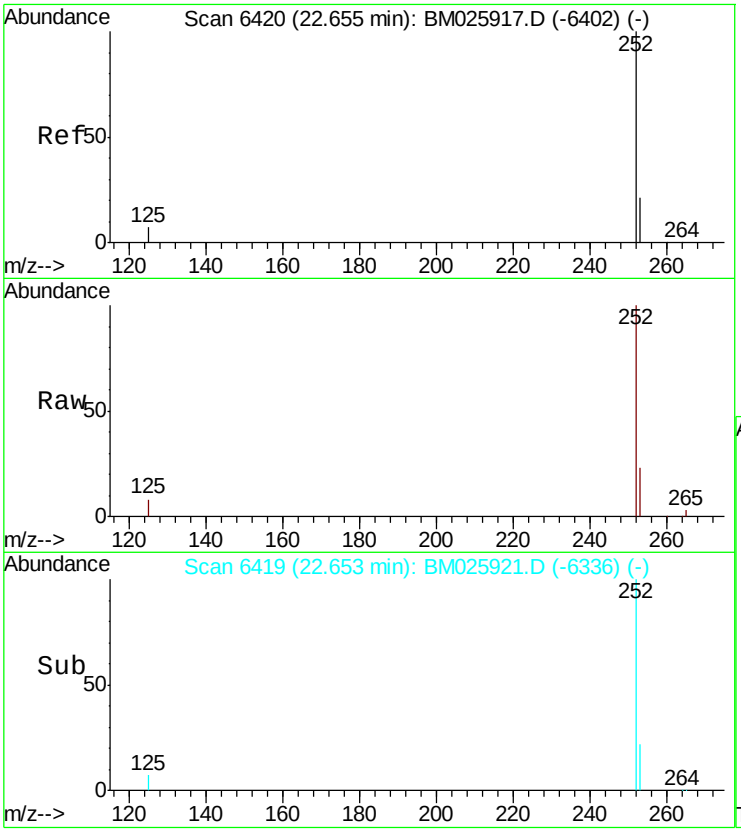


#19
Chrysene
Concen: 0.542 ng/ul
RT: 21.16 min Scan# 5801
Delta R.T. -0.02 min
Lab File: BM025921.D
Acq: 03 Apr 2020 20:34

Tgt Ion:228 Resp: 69448

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.9	34.3
229	20.3	15.8	23.8





#21
Benzo(b)fluoranthene
Concen: 1.430 ng/ul m
RT: 22.65 min Scan# 6419
Delta R.T. -0.00 min
Lab File: BM025921.D
Acq: 03 Apr 2020 20:34

Tgt Ion:252 Resp: 143215

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	46.6
125	8.1	0.0	15.4

Instrument :
BNA_M
ClientSampleId :
F3E03

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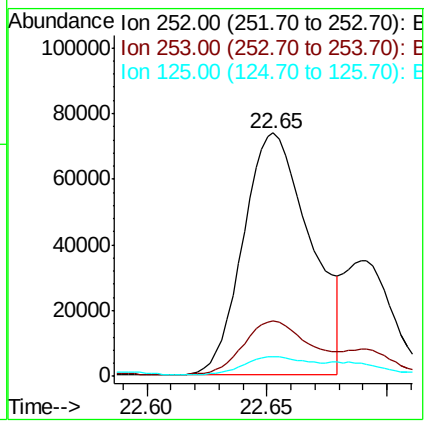
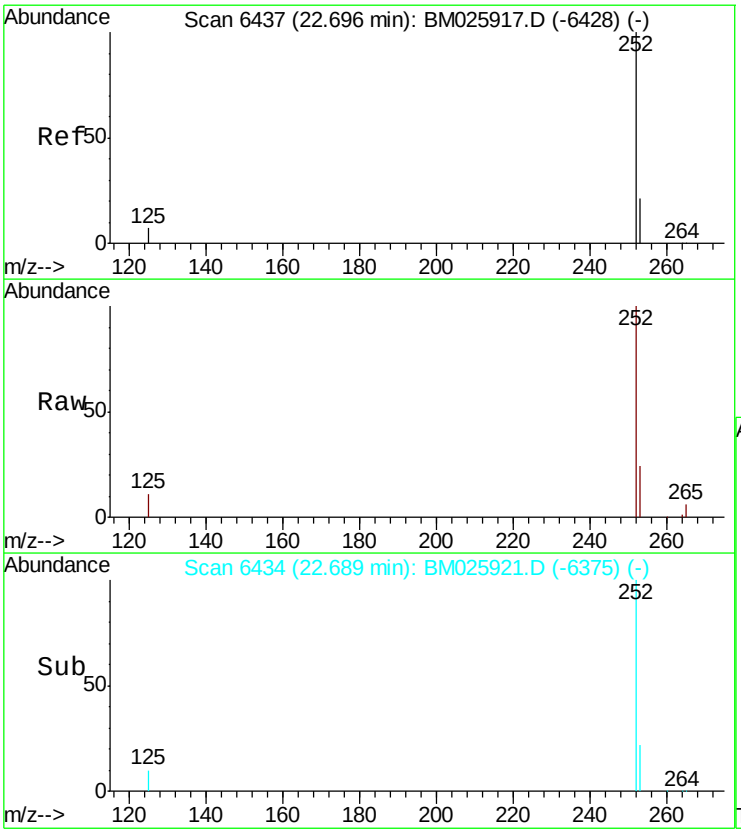
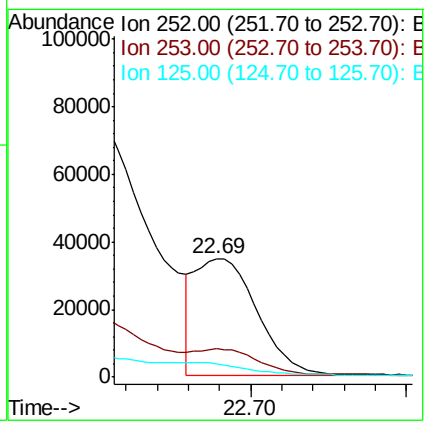


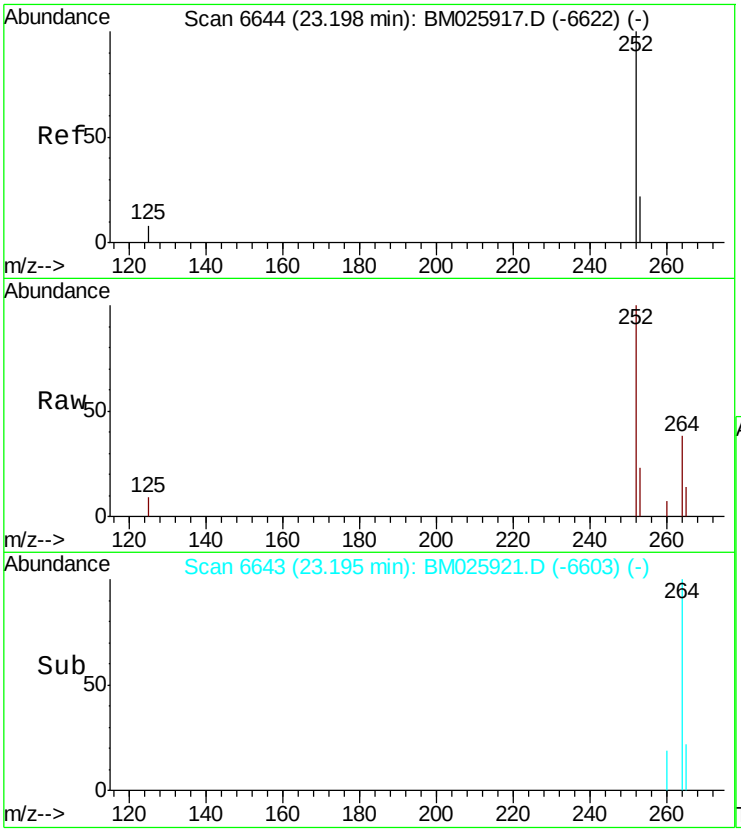


#22
Benzo(k)fluoranthene
Concen: 0.443 ng/ul m
RT: 22.69 min Scan# 6434
Delta R.T. -0.01 min
Lab File: BM025921.D
Acq: 03 Apr 2020 20:34

Tgt Ion:252 Resp: 47559

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.4
125	11.2	6.7	10.1#





#23
Benzo(a)pyrene
Concen: 0.600 ng/ul
RT: 23.20 min Scan# 6643
Delta R.T. -0.00 min
Lab File: BM025921.D
Acq: 03 Apr 2020 20:34

Tgt Ion:252 Resp: 53673

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	9.1	7.4	11.0

Instrument :
BNA_M
ClientSampleId :
F3E03

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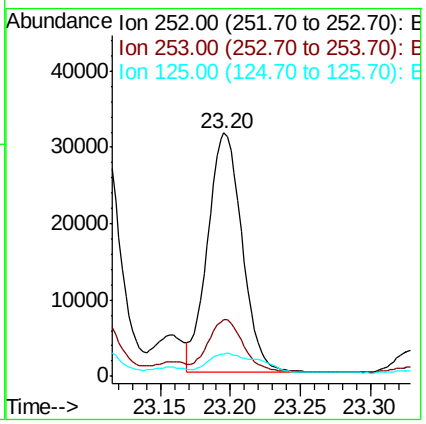
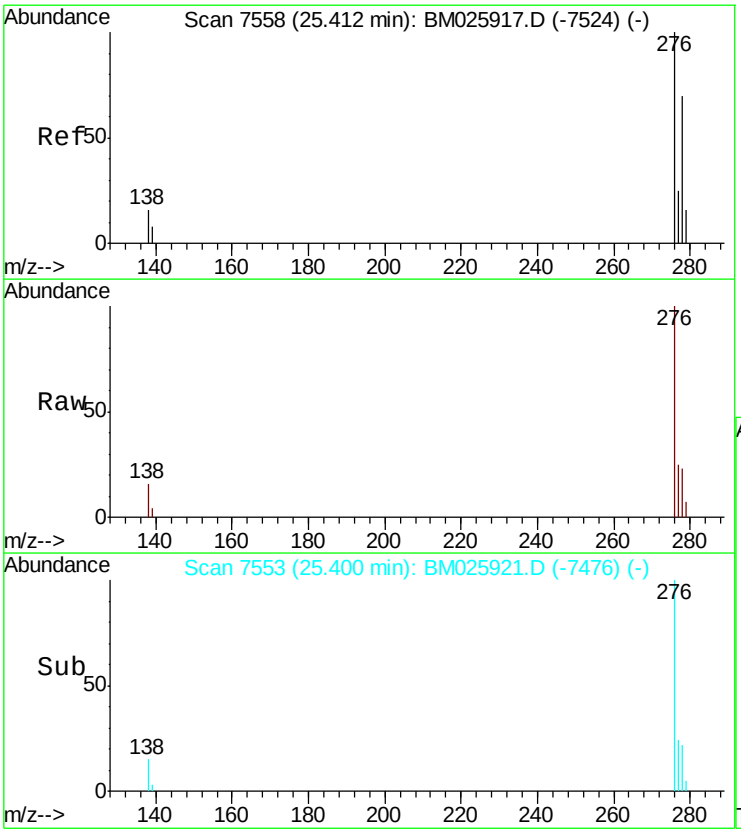
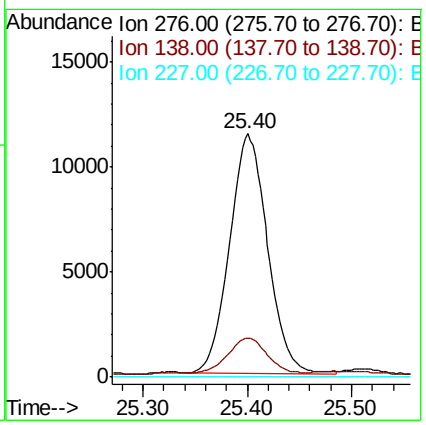


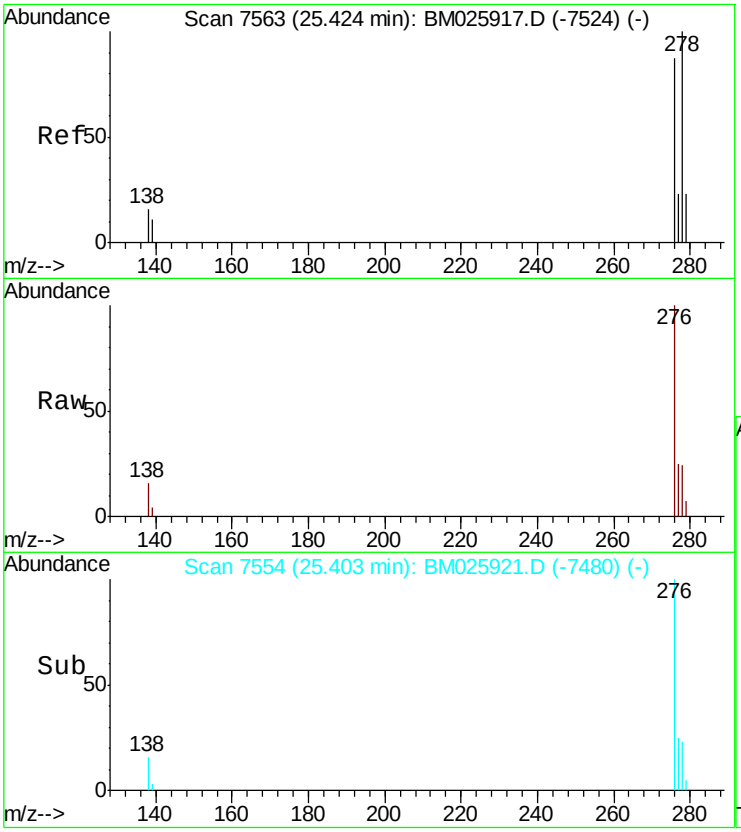


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.241 ng/ul
RT: 25.40 min Scan# 7553
Delta R.T. -0.01 min
Lab File: BM025921.D
Acq: 03 Apr 2020 20:34

Tgt Ion:276 Resp: 28849

Ion	Ratio	Lower	Upper
276	100		
138	16.3	12.6	19.0
227	0.0	0.0	0.0

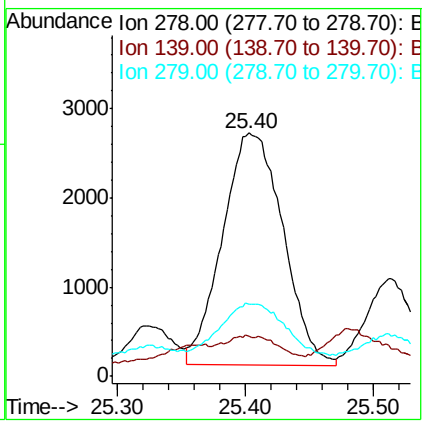




#25
Dibenzo(a,h)anthracene
Concen: 0.085 ng/ul
RT: 25.40 min Scan# 7554
Delta R.T. -0.02 min
Lab File: BM025921.D
Acq: 03 Apr 2020 20:34

Tgt Ion:278 Resp: 8509

Ion	Ratio	Lower	Upper
278	100		
139	16.6	8.9	13.3#
279	29.4	20.0	30.0



Instrument :
BNA_M
ClientSampleId :
F3E03

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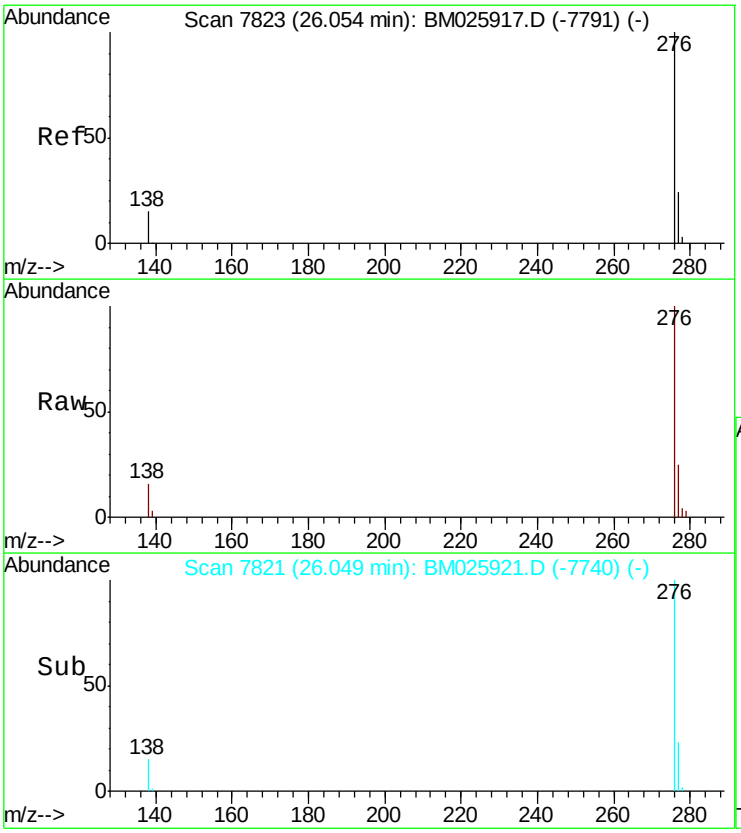

#26
Benzo(g,h,i)perylene
Concen: 0.198 ng/ul
RT: 26.05 min Scan# 7821
Delta R.T. -0.00 min
Lab File: BM025921.D
Acq: 03 Apr 2020 20:34

Tgt Ion:276 Resp: 20046

Ion	Ratio	Lower	Upper
276	100		
138	16.1	11.8	17.8
277	24.7	19.2	28.8