Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025421.D
Acq On : 09 Mar 2020 19:26
Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDT7

Manual Integrations APPROVED
mohammad
3/10/2020 7:59:15 AM

Quant Time: Mar 09 21:05:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3031	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	13298	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9407	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	21478	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	17011	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	16785	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	5999	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	14319	0.24	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	33756	0.878	ng/ul	99
9) Fluorene	15.35	166	3759	0.092	ng/ul#	98
12) Phenanthrene	17.08	178	2721m	0.040	ng/ul	
13) Anthracene	17.17	178	57051	0.963	ng/ul	99
15) Fluoranthene	19.10	202	1452321	19.683	ng/ul	100
17) Pyrene	19.46	202	1033231	13.532	ng/ul	100
18) Benzo(a)anthracene	21.21	228	885983	14.567	ng/ul	95
19) Chrysene	21.24	228	1007432	14.751	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	1911229m	28.755	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	658158m	9.451	ng/ul	
23) Benzo(a)pyrene	23.32	252	813366	14.737	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.58	276	347191	4.637	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.58	278	98072	1.557	ng/ul	98
26) Benzo(g,h,i)perylene	26.24	276	206060	3.172	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
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Acq On : 09 Mar 2020 19:26
Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 09 21:05:30 2020
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QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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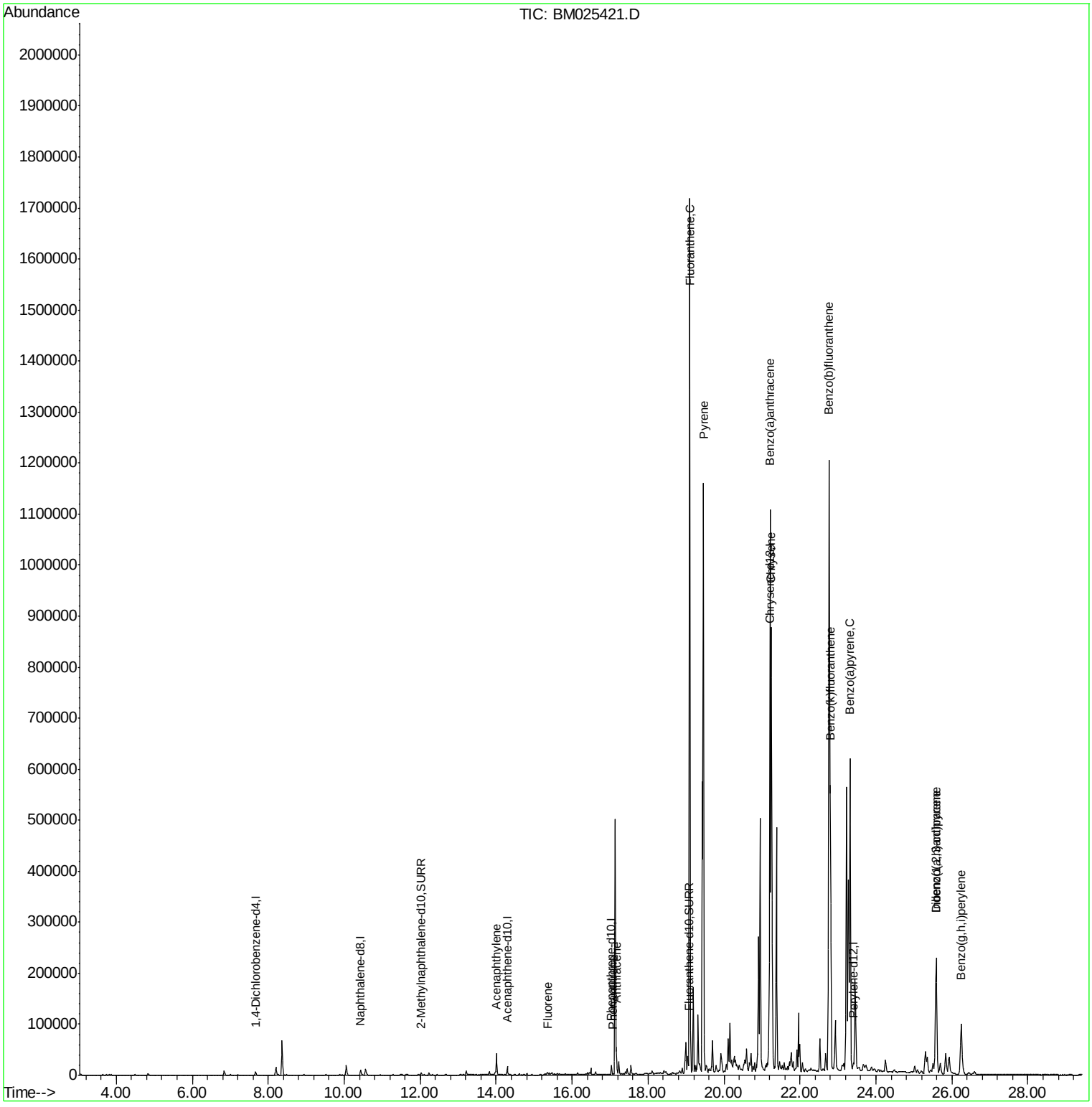

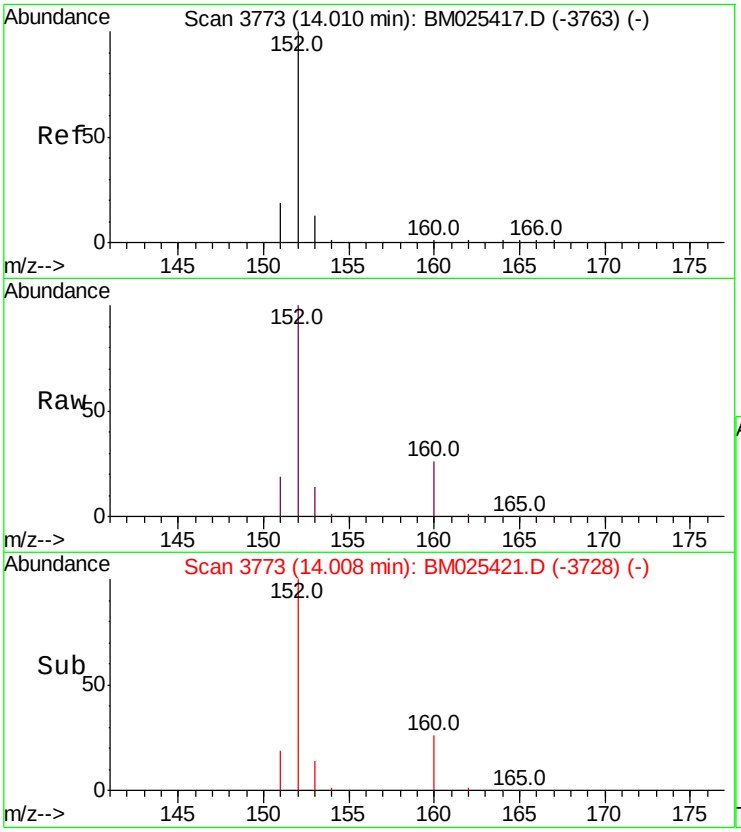

#7
Acenaphthylene
Concen: 0.878 ng/ul
RT: 14.01 min Scan# 3773
Delta R.T. -0.00 min
Lab File: BM025421.D
Acq: 09 Mar 2020 19:26

Tgt Ion:152 Resp: 33756

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.2
153	13.7	10.6	16.0

Instrument :
BNA_M
ClientSampleId :
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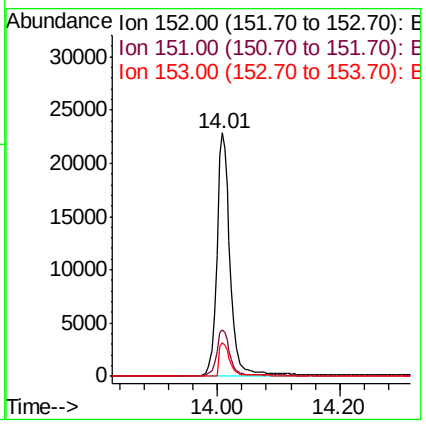
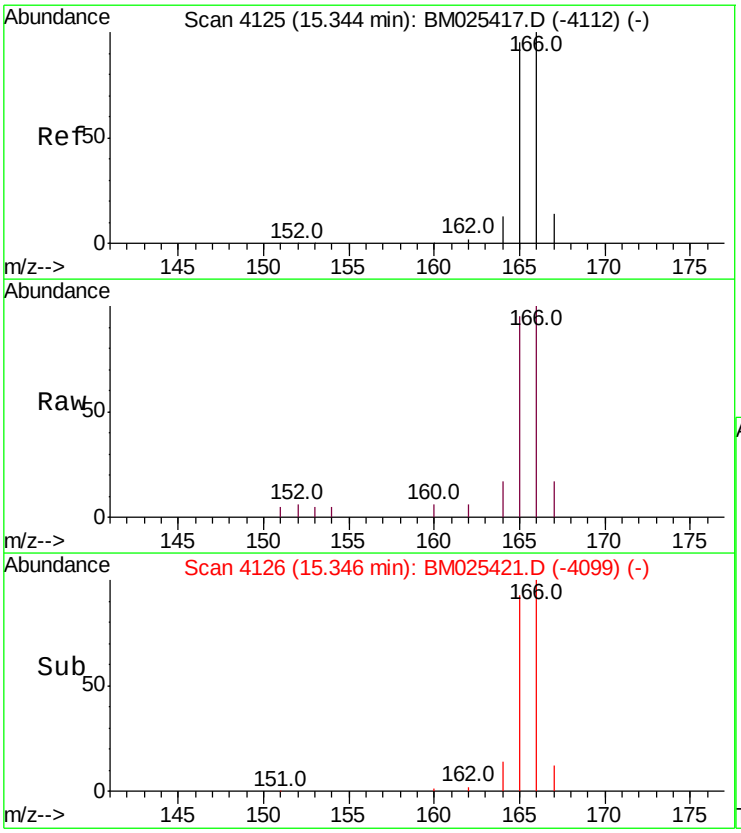
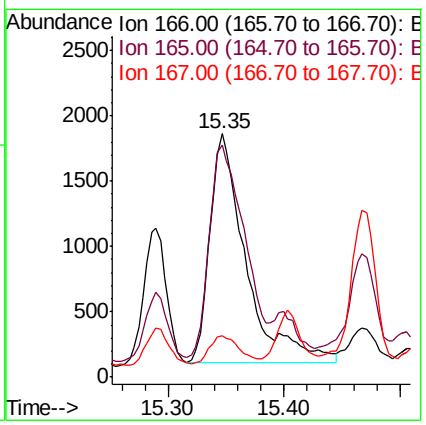


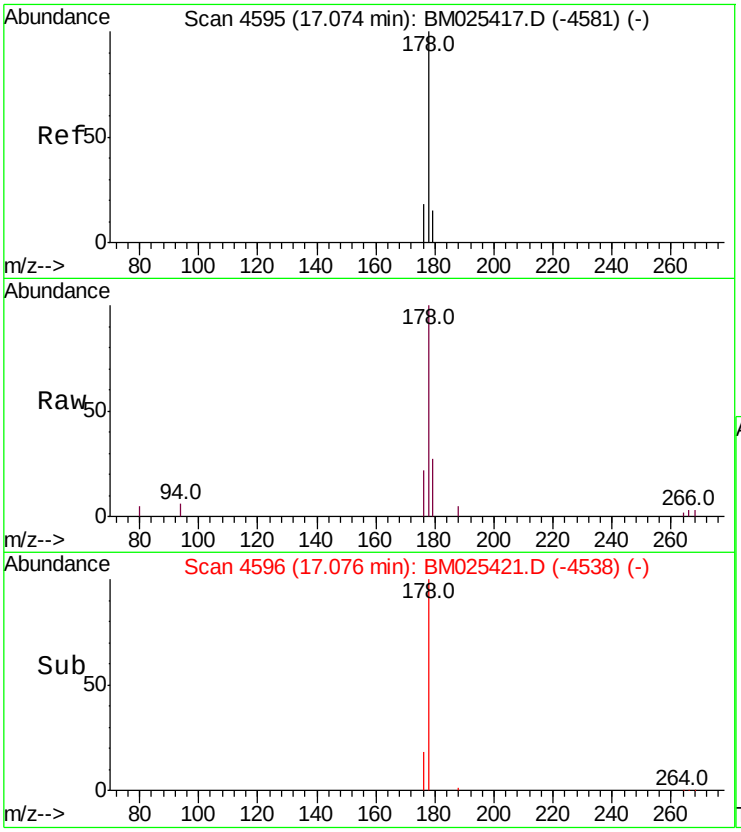


#9
Fluorene
Concen: 0.092 ng/ul
RT: 15.35 min Scan# 4126
Delta R.T. 0.00 min
Lab File: BM025421.D
Acq: 09 Mar 2020 19:26

Tgt Ion:166 Resp: 3759

Ion	Ratio	Lower	Upper
166	100		
165	95.3	76.8	115.2
167	17.0	11.2	16.8#

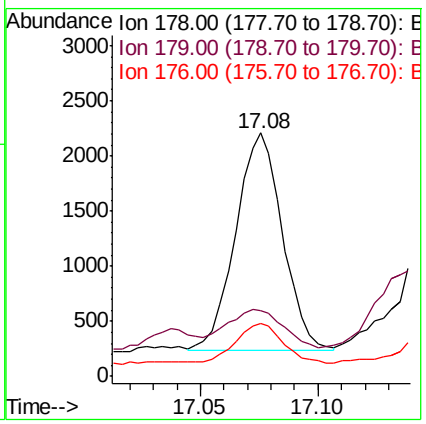




#12
Phenanthrene
Concen: 0.040 ng/ul m
RT: 17.08 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BM025421.D
Acq: 09 Mar 2020 19:26

Tgt Ion:178 Resp: 2721

Ion	Ratio	Lower	Upper
178	100		
179	27.2	12.4	18.6#
176	21.7	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
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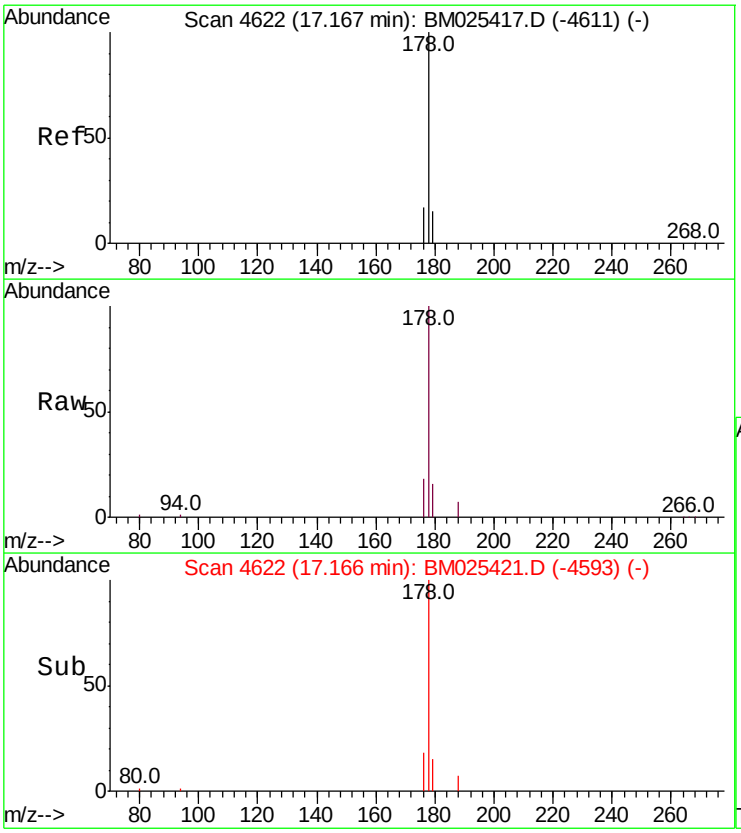
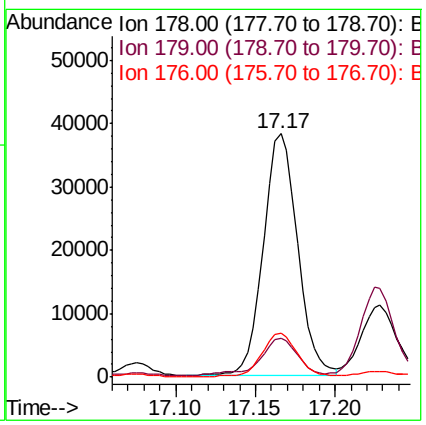
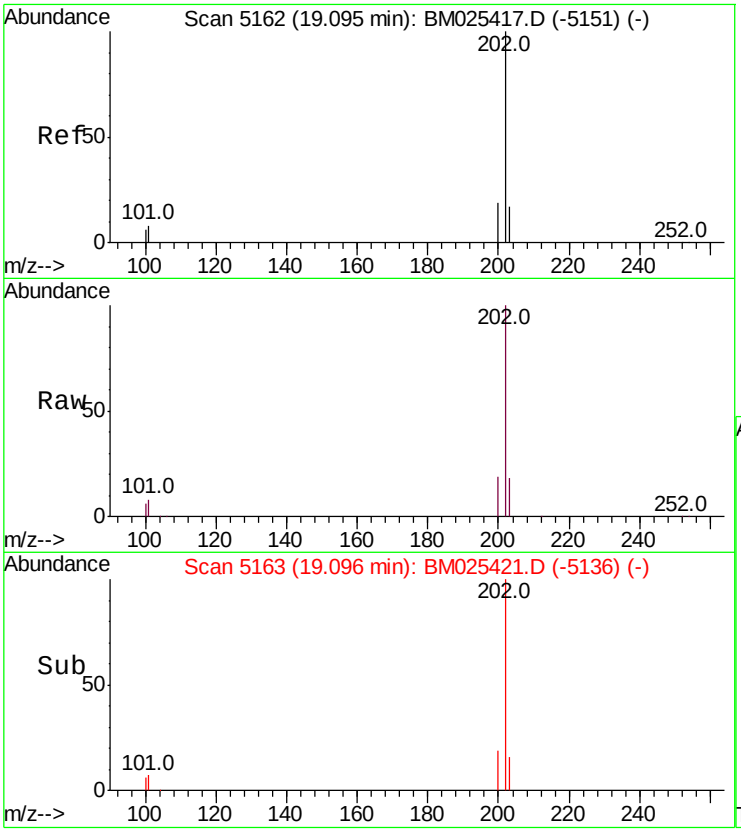


#13
Anthracene
Concen: 0.963 ng/ul
RT: 17.17 min Scan# 4622
Delta R.T. -0.00 min
Lab File: BM025421.D
Acq: 09 Mar 2020 19:26

Tgt Ion:178 Resp: 57051

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	18.8
176	17.9	14.5	21.7

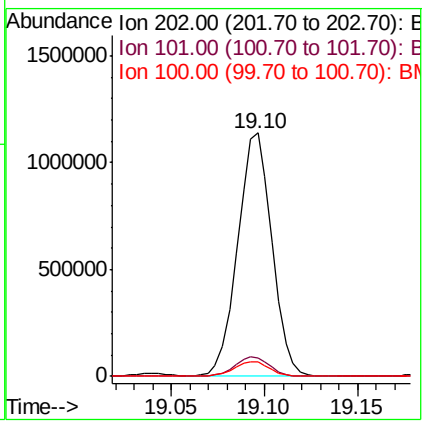




#15
Fluoranthene
Concen: 19.683 ng/ul
RT: 19.10 min Scan# 5163
Delta R.T. 0.00 min
Lab File: BM025421.D
Acq: 09 Mar 2020 19:26

Tgt Ion:202 Resp: 1452321

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	27.5
100	5.8	0.0	26.0



Instrument :
BNA_M
ClientSampleId :
DBDT7

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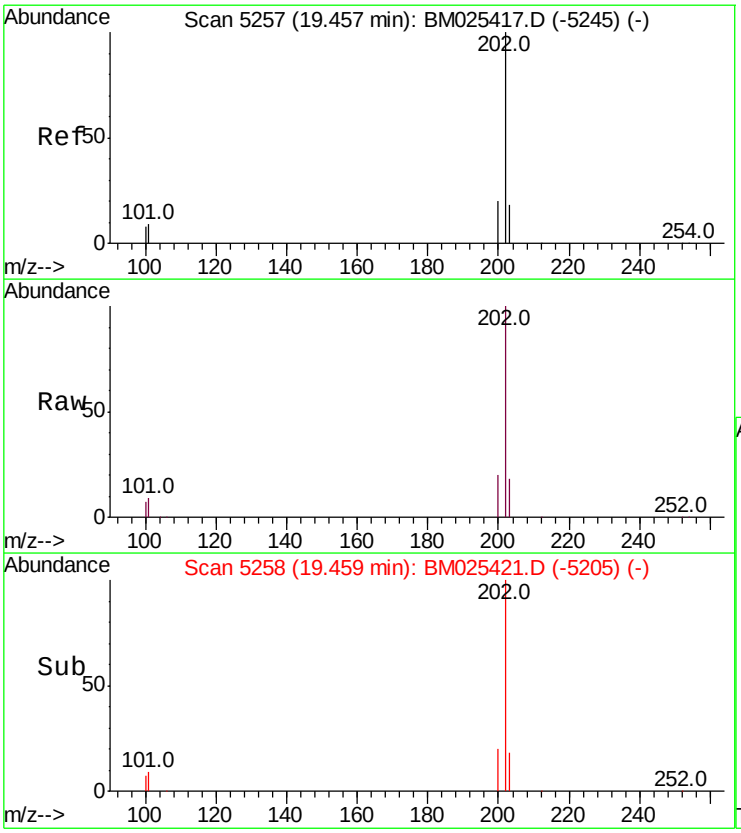
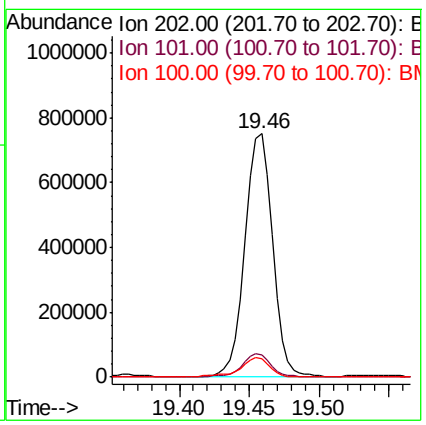
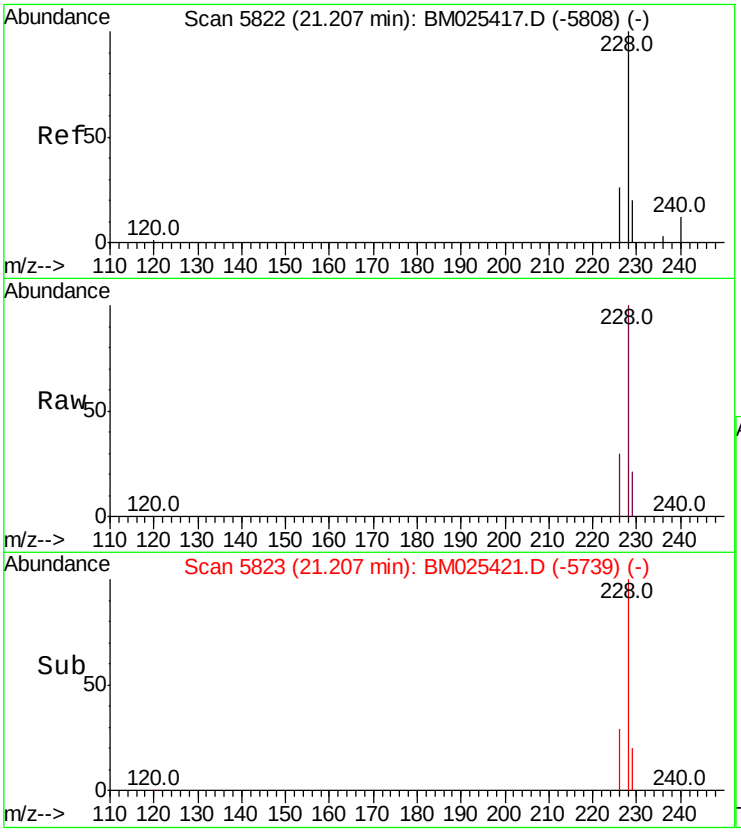


#17
Pyrene
Concen: 13.532 ng/ul
RT: 19.46 min Scan# 5258
Delta R.T. 0.00 min
Lab File: BM025421.D
Acq: 09 Mar 2020 19:26

Tgt Ion:202 Resp: 1033231

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.1	10.7
100	7.4	6.0	9.0

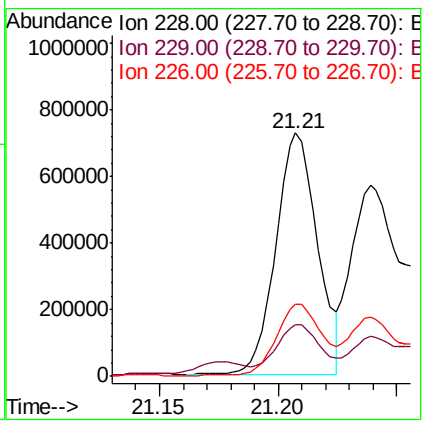




#18
Benzo(a)anthracene
Concen: 14.567 ng/ul
RT: 21.21 min Scan# 5823
Delta R.T. 0.00 min
Lab File: BM025421.D
Acq: 09 Mar 2020 19:26

Tgt Ion:228 Resp: 885983

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.6	23.4
226	29.6	21.1	31.7



Instrument :
BNA_M
ClientSampleId :
DBDT7

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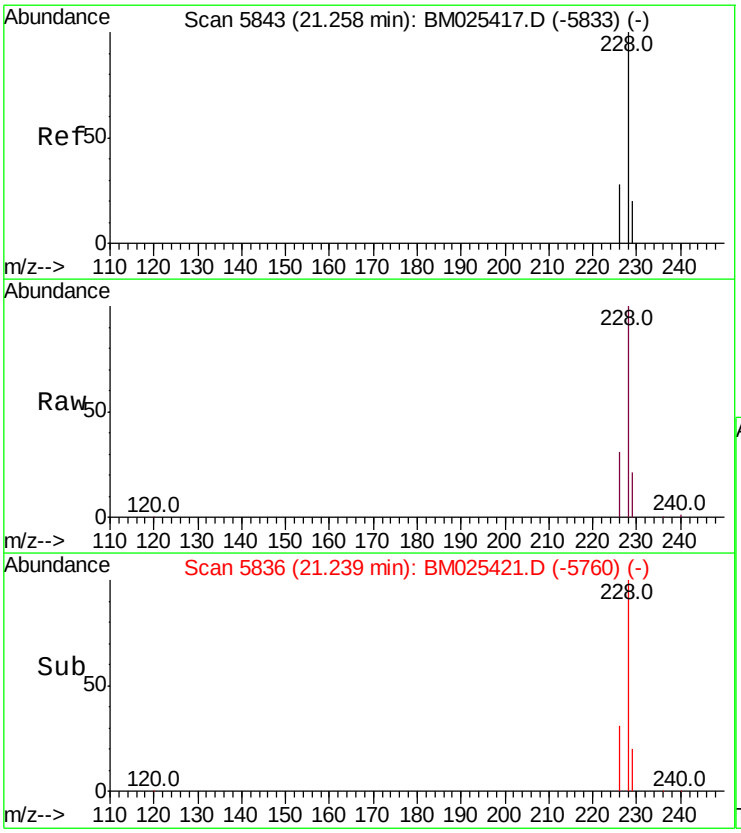
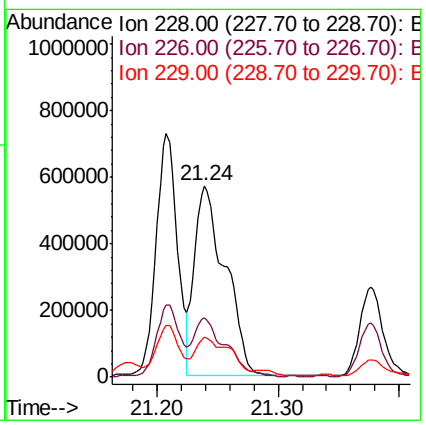
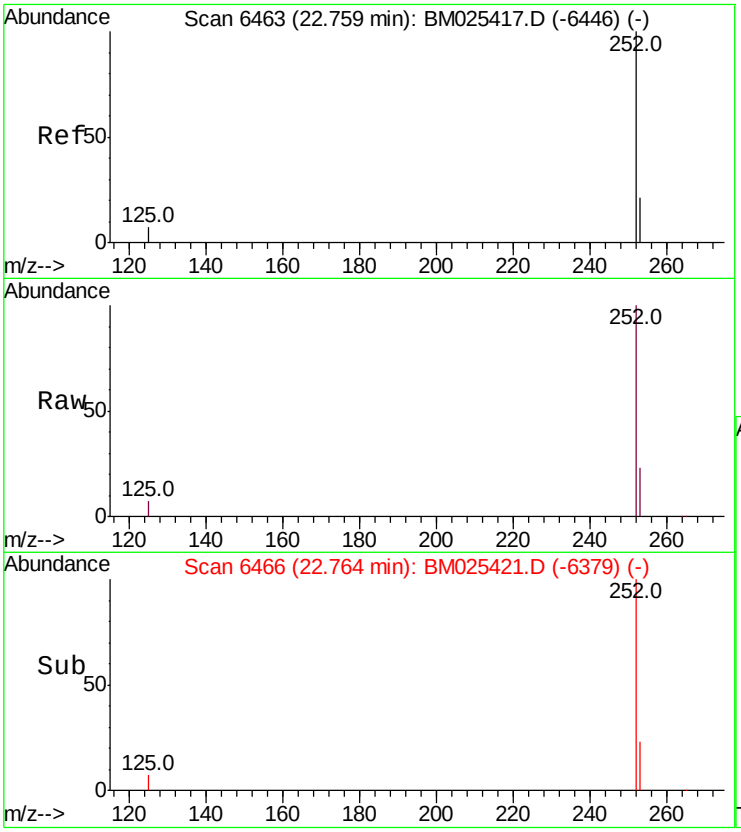


#19
Chrysene
Concen: 14.751 ng/ul
RT: 21.24 min Scan# 5836
Delta R.T. -0.02 min
Lab File: BM025421.D
Acq: 09 Mar 2020 19:26

Tgt Ion:228 Resp: 1007432

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.6	35.4
229	20.6	16.3	24.5

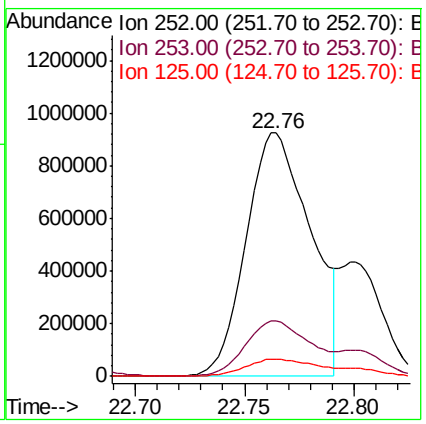




#21
Benzo(b)fluoranthene
Concen: 28.755 ng/ul m
RT: 22.76 min Scan# 6466
Delta R.T. 0.01 min
Lab File: BM025421.D
Acq: 09 Mar 2020 19:26

Tgt Ion:252 Resp: 1911229

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	50.2
125	7.1	0.0	17.6



Instrument :
BNA_M
ClientSampleId :
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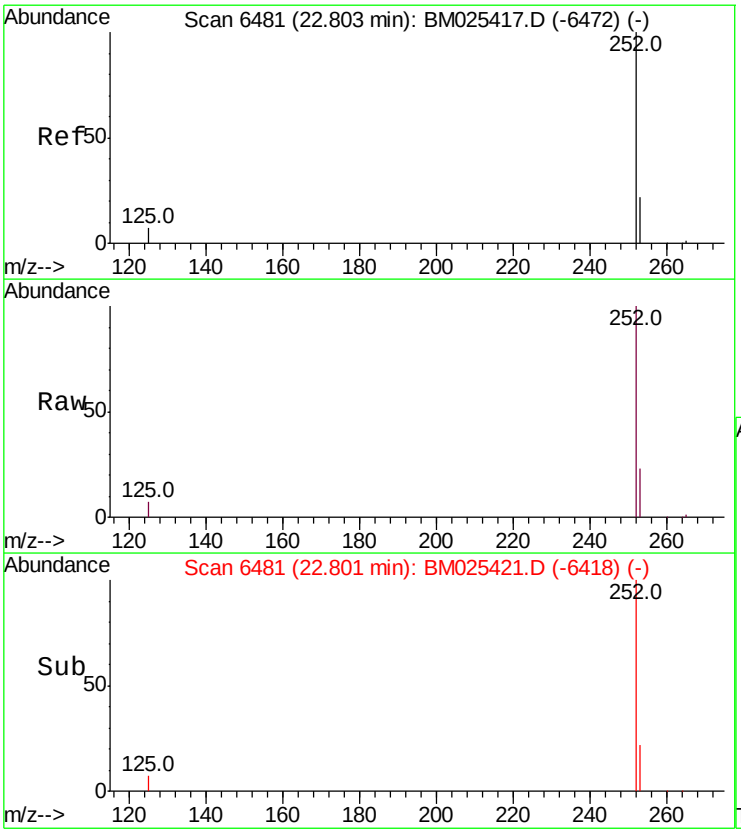
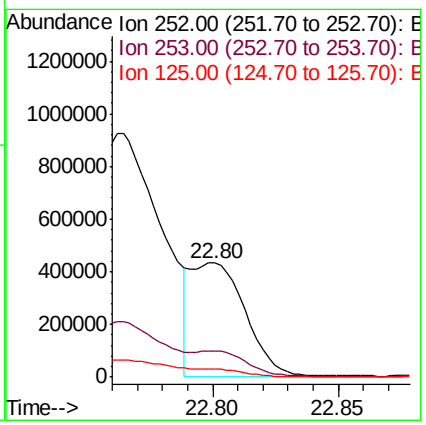
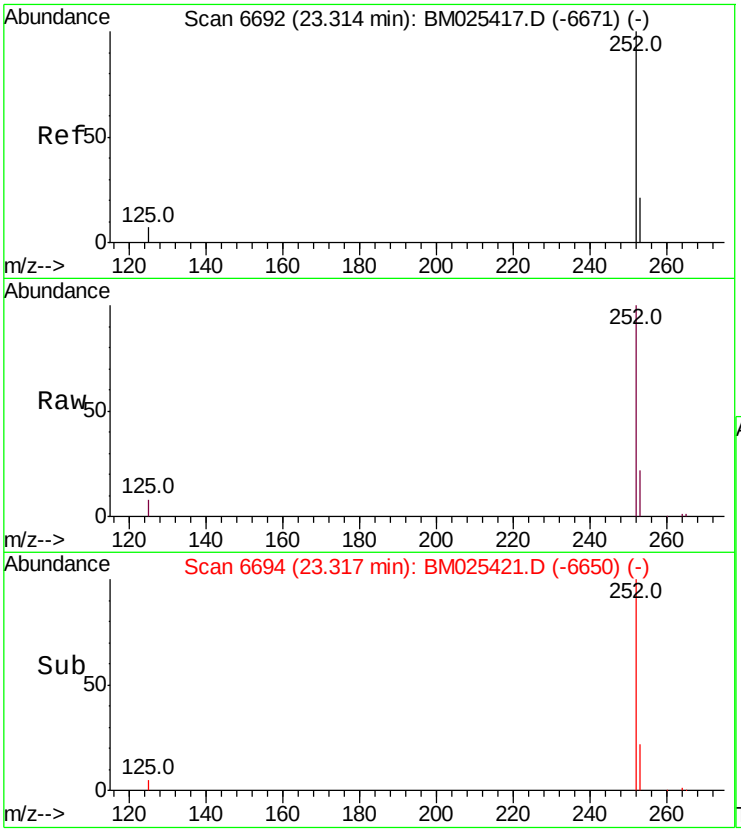


#22
Benzo(k)fluoranthene
Concen: 9.451 ng/ul m
RT: 22.80 min Scan# 6481
Delta R.T. 0.00 min
Lab File: BM025421.D
Acq: 09 Mar 2020 19:26

Tgt Ion:252 Resp: 658158

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.8	29.8
125	7.1	7.1	10.7





#23
Benzo(a)pyrene
Concen: 14.737 ng/ul
RT: 23.32 min Scan# 6694
Delta R.T. 0.01 min
Lab File: BM025421.D
Acq: 09 Mar 2020 19:26

Tgt Ion:252 Resp: 813366

Ion	Ratio	Lower	Upper
252	100		
253	22.0	21.3	31.9
125	7.5	8.5	12.7#

Instrument :
BNA_M
ClientSampleId :
DBDT7

Manual Integrations APPROVED
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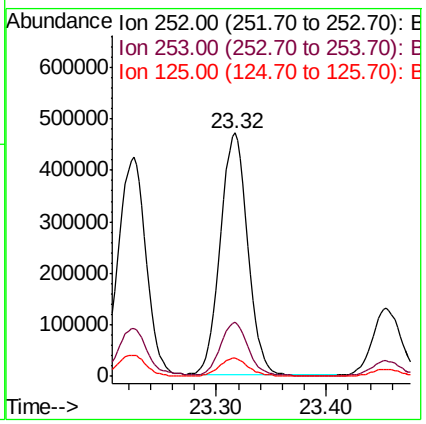
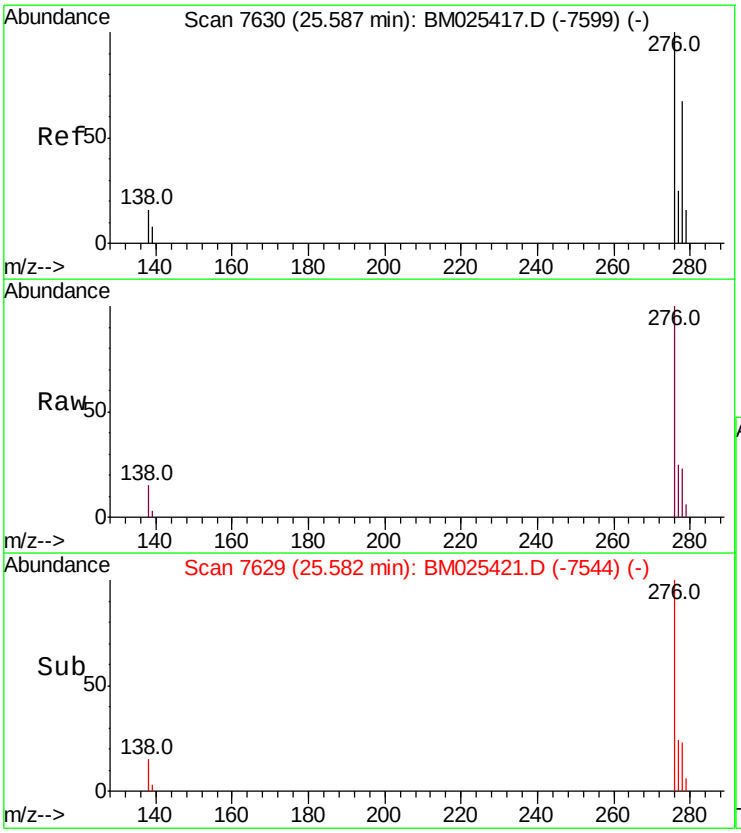
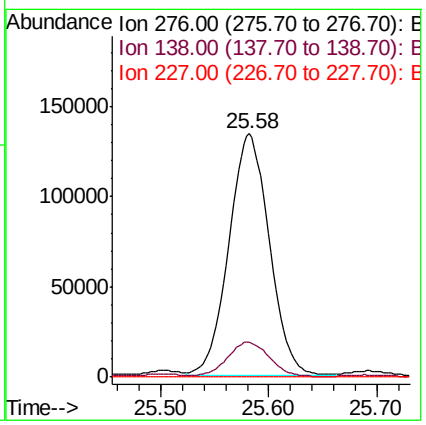


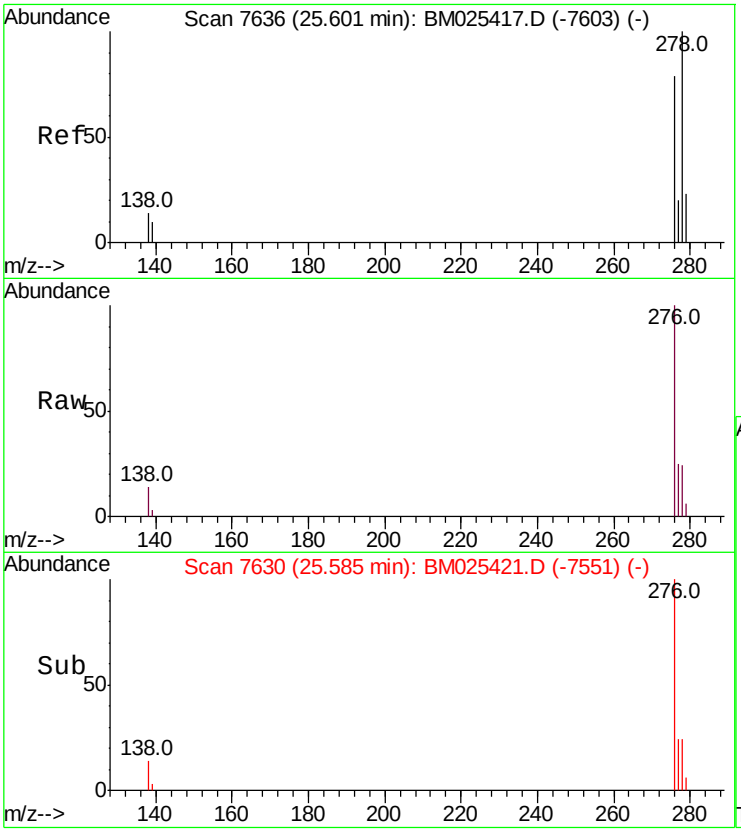


#24
Indeno(1,2,3-cd)pyrene
Concen: 4.637 ng/ul
RT: 25.58 min Scan# 7629
Delta R.T. 0.00 min
Lab File: BM025421.D
Acq: 09 Mar 2020 19:26

Tgt Ion:276 Resp: 347191

Ion	Ratio	Lower	Upper
276	100		
138	14.8	12.3	18.5
227	0.0	0.0	0.0

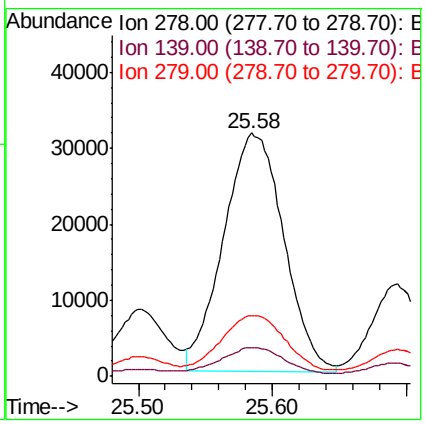




#25
Dibenzo(a,h)anthracene
Concen: 1.557 ng/ul
RT: 25.58 min Scan# 7630
Delta R.T. -0.01 min
Lab File: BM025421.D
Acq: 09 Mar 2020 19:26

Tgt Ion:278 Resp: 98072

Ion	Ratio	Lower	Upper
278	100		
139	11.9	9.0	13.6
279	25.1	21.1	31.7



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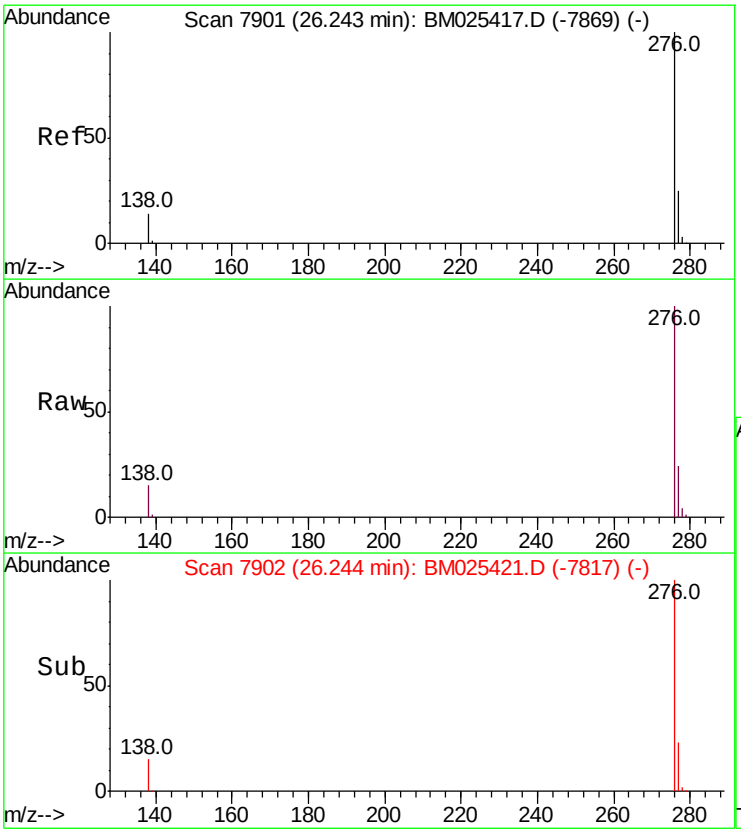

#26
Benzo(g,h,i)perylene
Concen: 3.172 ng/ul
RT: 26.24 min Scan# 7902
Delta R.T. 0.00 min
Lab File: BM025421.D
Acq: 09 Mar 2020 19:26

Tgt Ion:276 Resp: 206060

Ion	Ratio	Lower	Upper
276	100		
138	14.9	11.0	16.4
277	23.9	19.8	29.6