Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025335.D
Acq On : 07 Mar 2020 05:42
Operator : CG/JU
Sample : L1612-23
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDM5

Manual Integrations APPROVED
mohammad
3/9/2020 3:00:55 PM

Quant Time: Mar 07 20:38:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4308	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19016	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	13748	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	32692	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	28553	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	24613	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	3970	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	12016	0.11	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.10	142	894	0.021	ng/ul	97
7) Acenaphthylene	14.01	152	3017	0.047	ng/ul	99
11) Pentachlorophenol	16.70	266	490	0.057	ng/ul	93
12) Phenanthrene	17.08	178	6072	0.058	ng/ul	98
13) Anthracene	17.17	178	20255	0.217	ng/ul	96
15) Fluoranthene	19.10	202	6626	0.050	ng/ul	99
17) Pyrene	19.46	202	14682m	0.136	ng/ul	
18) Benzo(a)anthracene	21.21	228	12109	0.115	ng/ul	96
19) Chrysene	21.24	228	23215	0.201	ng/ul	97
21) Benzo(b)fluoranthene	22.76	252	71655m	0.728	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	27615m	0.267	ng/ul	
23) Benzo(a)pyrene	23.32	252	23861	0.289	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.59	276	18585	0.180	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	5223	0.061	ng/ul#	90
26) Benzo(g,h,i)perylene	26.25	276	9511	0.109	ng/ul#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025335.D
Acq On : 07 Mar 2020 05:42
Operator : CG/JU
Sample : L1612-23
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 07 20:38:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDM5

Manual Integrations APPROVED
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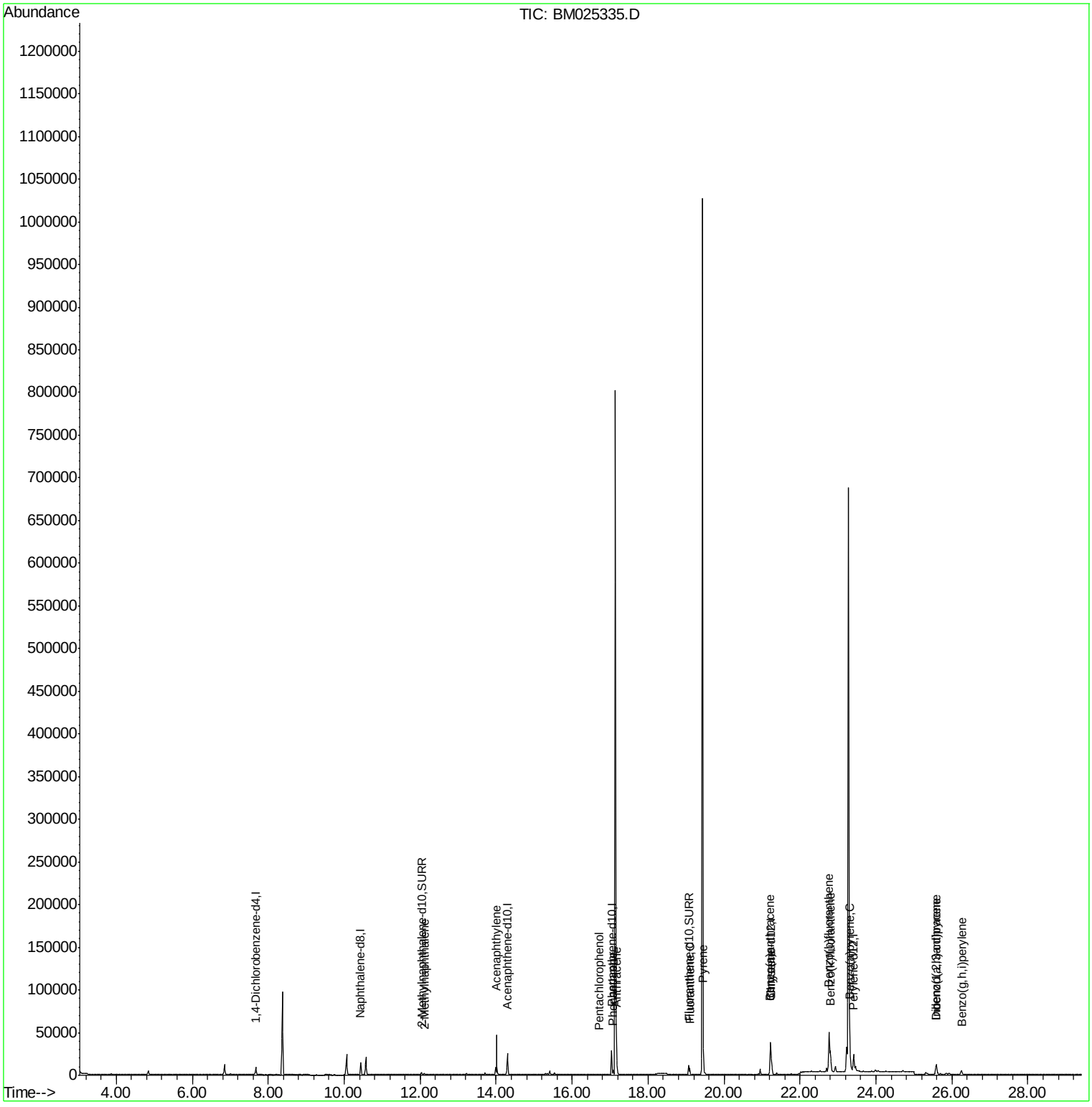

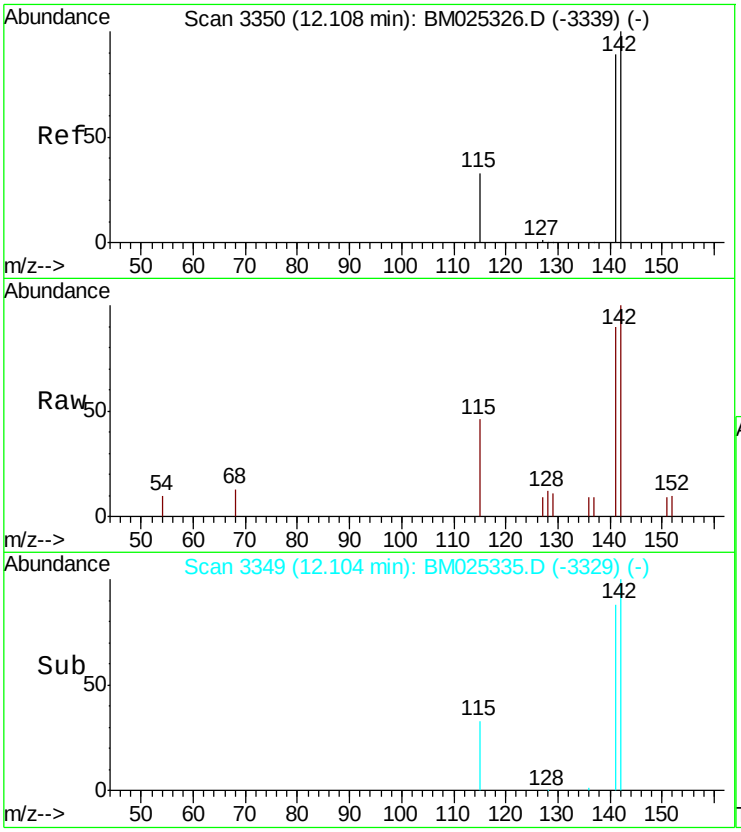

#5
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.10 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM025335.D
Acq: 07 Mar 2020 05:42

Tgt Ion:142 Resp: 894

Ion	Ratio	Lower	Upper
142	100		
141	89.9	69.8	104.8

Instrument :
BNA_M
ClientSampleId :
DBDM5

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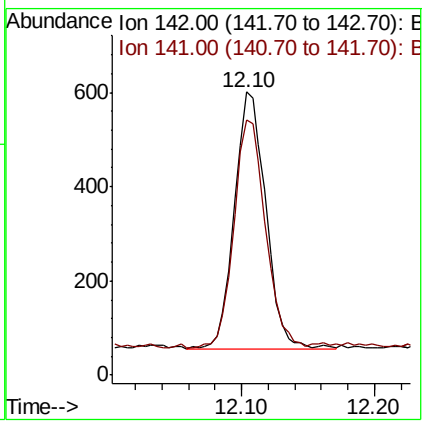
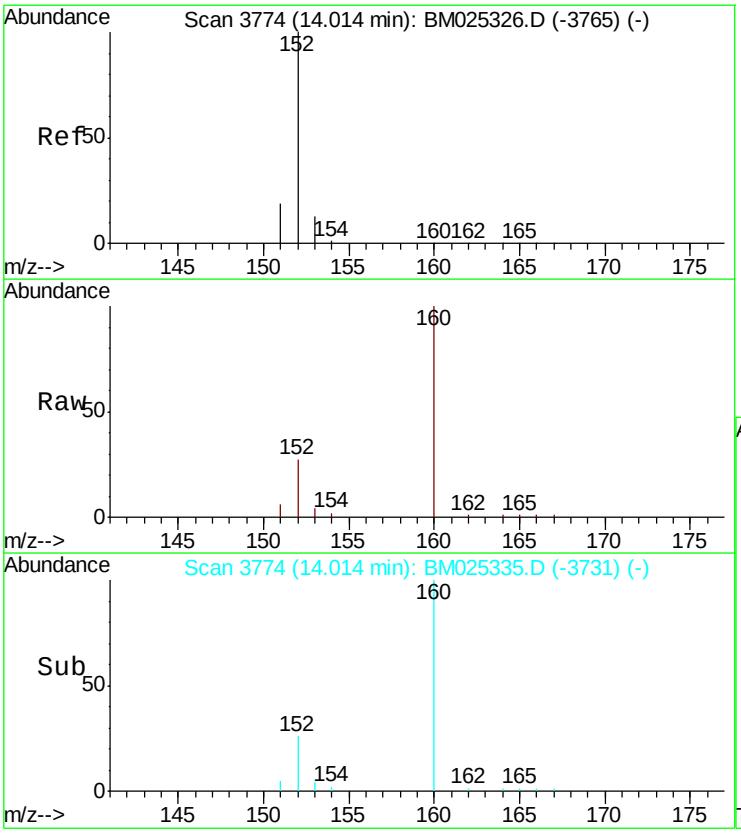
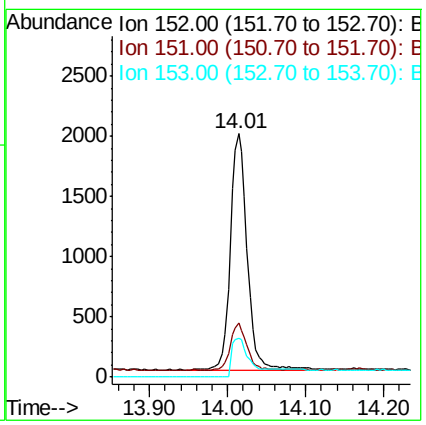


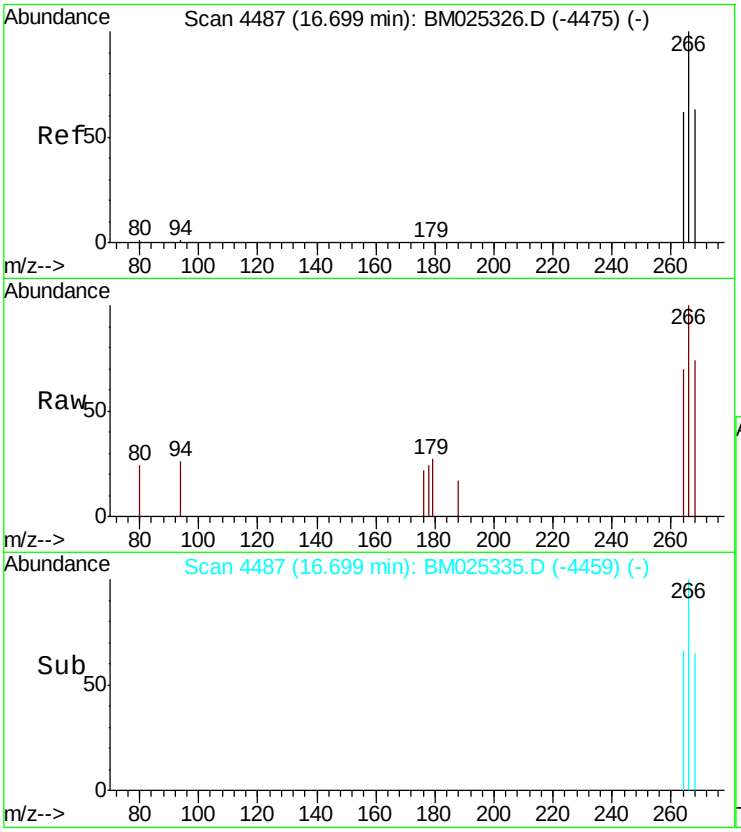


#7
Acenaphthylene
Concen: 0.047 ng/ul
RT: 14.01 min Scan# 3774
Delta R.T. -0.01 min
Lab File: BM025335.D
Acq: 07 Mar 2020 05:42

Tgt Ion:152 Resp: 3017

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.8	26.8
153	16.1	13.3	19.9

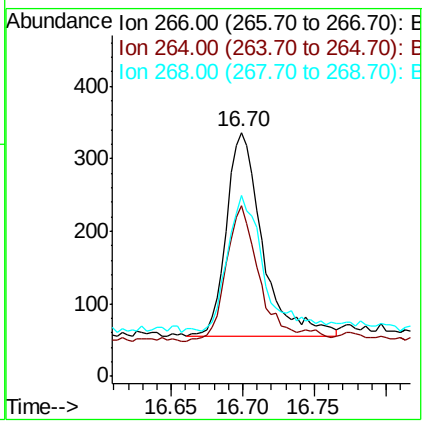




#11
Pentachlorophenol
Concen: 0.057 ng/ul
RT: 16.70 min Scan# 4487
Delta R.T. -0.00 min
Lab File: BM025335.D
Acq: 07 Mar 2020 05:42

Tgt Ion:266 Resp: 490

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.8	74.6
268	71.4	49.0	73.4



Instrument :
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ClientSampleId :
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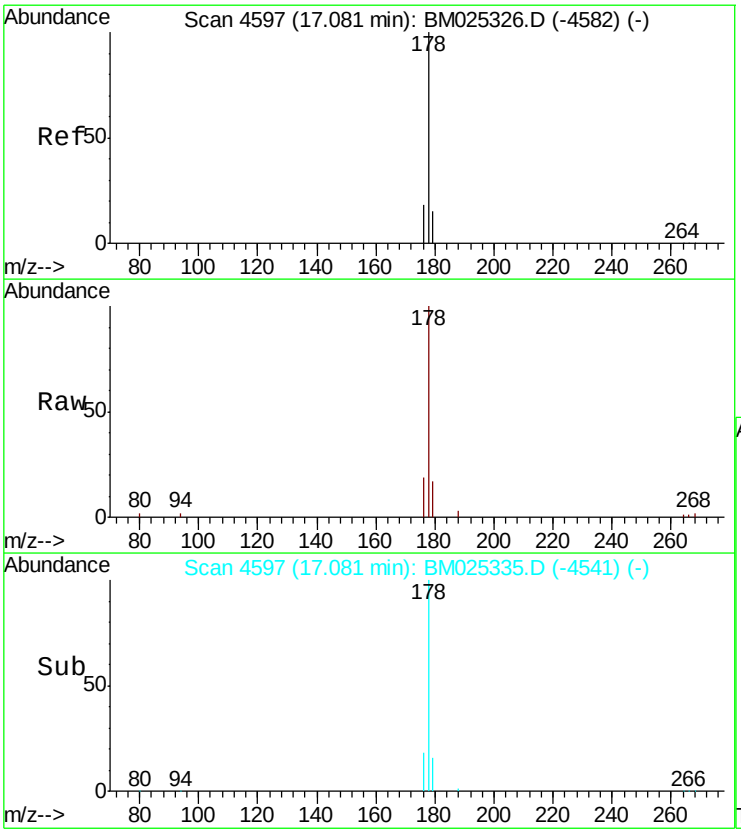
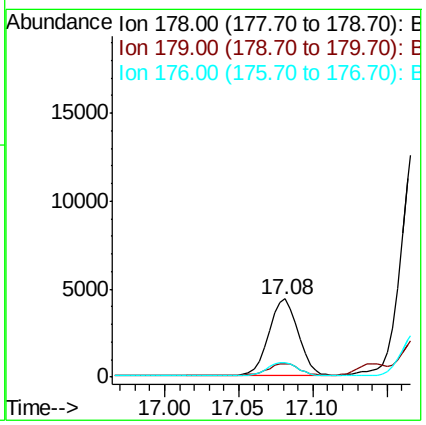
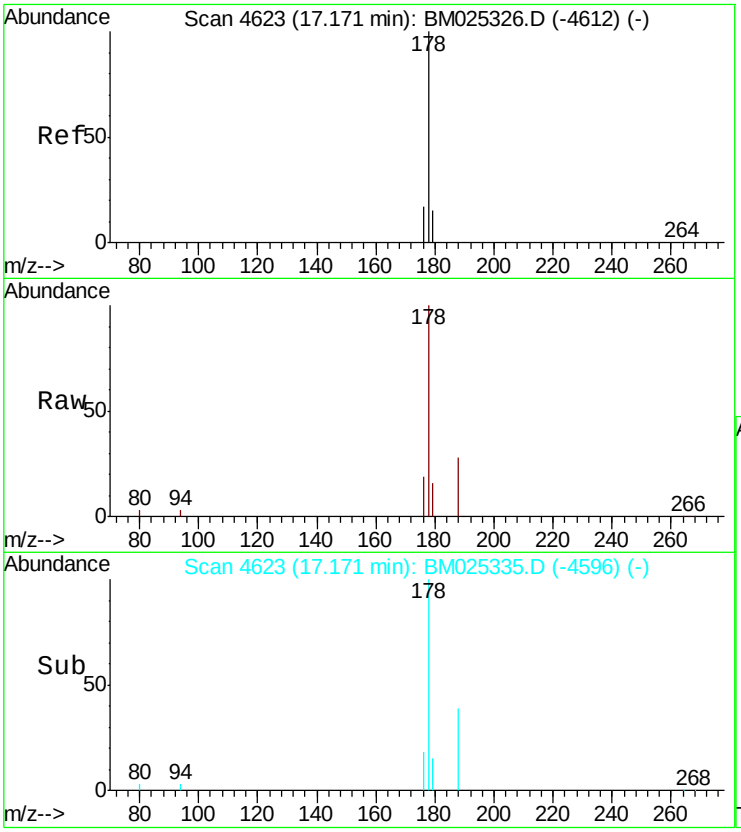


#12
Phenanthrene
Concen: 0.058 ng/ul
RT: 17.08 min Scan# 4597
Delta R.T. -0.01 min
Lab File: BM025335.D
Acq: 07 Mar 2020 05:42

Tgt Ion:178 Resp: 6072

Ion	Ratio	Lower	Upper
178	100		
179	17.4	14.0	21.0
176	19.2	16.6	24.8

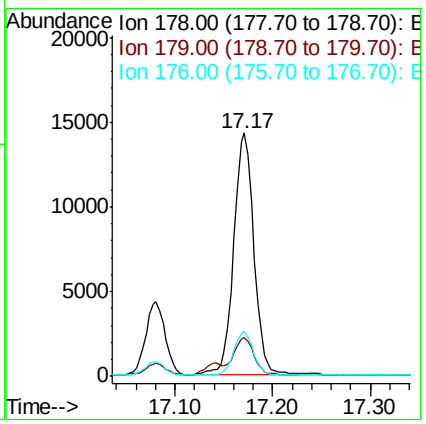




#13
Anthracene
Concen: 0.217 ng/ul
RT: 17.17 min Scan# 4623
Delta R.T. -0.01 min
Lab File: BM025335.D
Acq: 07 Mar 2020 05:42

Tgt Ion:178 Resp: 20255

Ion	Ratio	Lower	Upper
178	100		
179	16.0	14.1	21.1
176	18.6	16.2	24.4



Instrument :
BNA_M
ClientSampleId :
DBDM5

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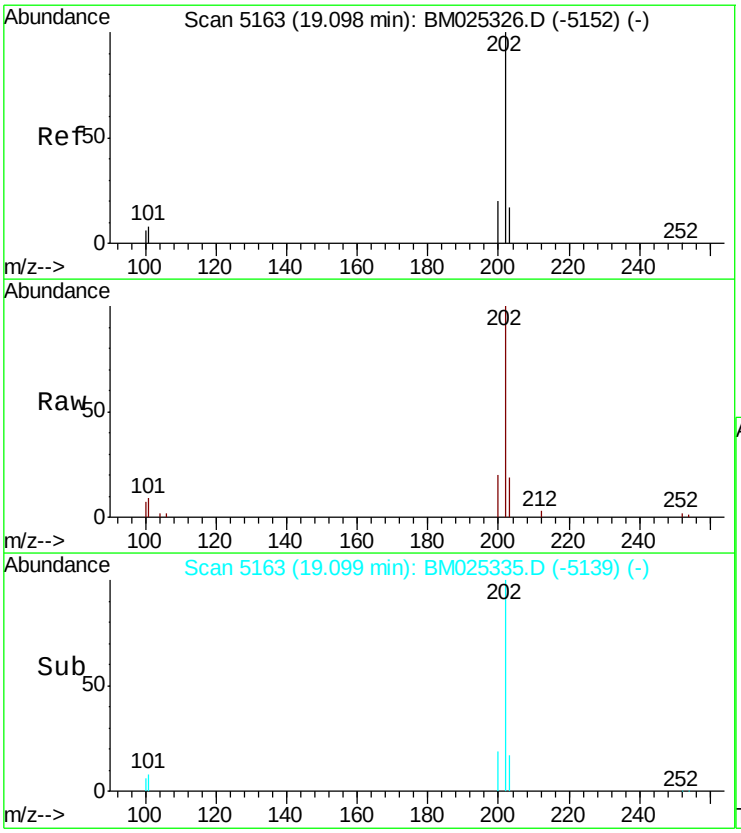
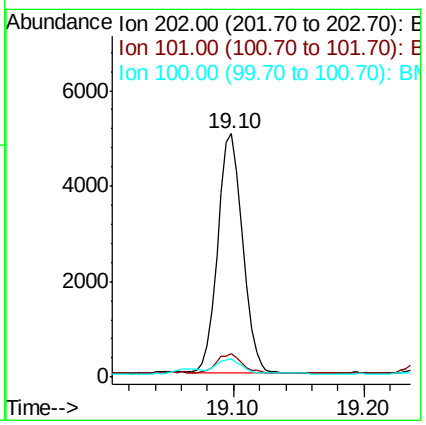
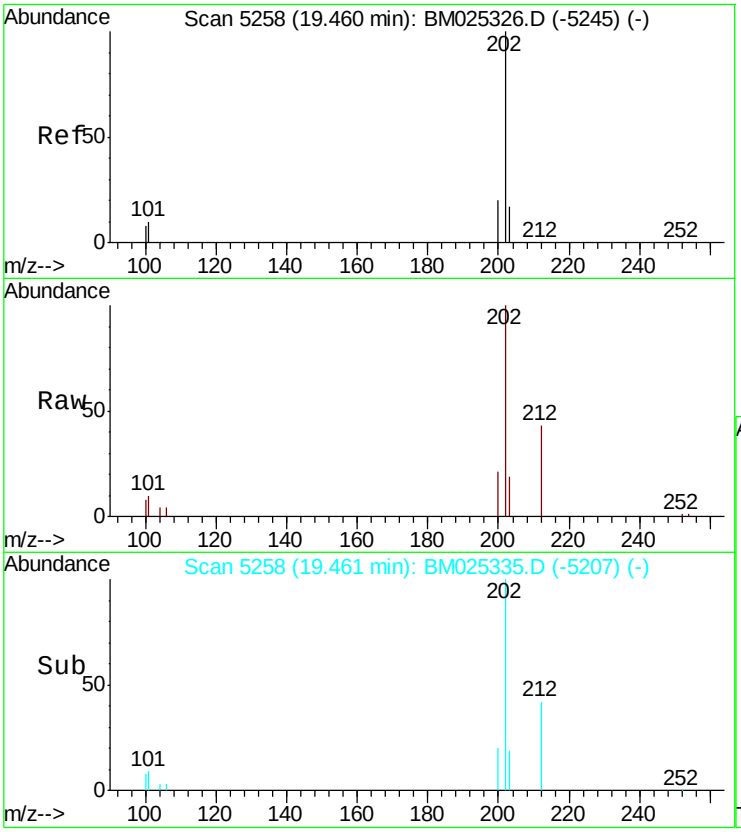


#15
Fluoranthene
Concen: 0.050 ng/ul
RT: 19.10 min Scan# 5163
Delta R.T. -0.01 min
Lab File: BM025335.D
Acq: 07 Mar 2020 05:42

Tgt Ion:202 Resp: 6626

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.4
100	7.4	0.0	28.0

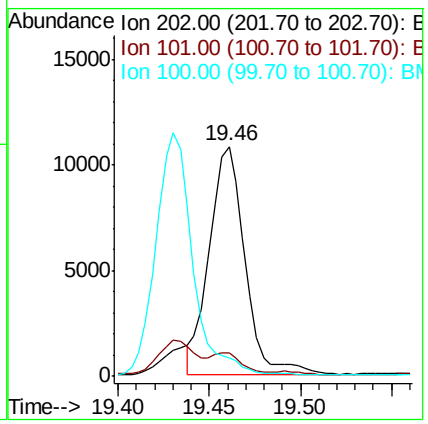




#17
Pyrene
Concen: 0.136 ng/ul m
RT: 19.46 min Scan# 5258
Delta R.T. -0.01 min
Lab File: BM025335.D
Acq: 07 Mar 2020 05:42

Tgt Ion:202 Resp: 14682

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.7	13.1
100	8.2	7.3	10.9



Instrument :
BNA_M
ClientSampleId :
DBDM5

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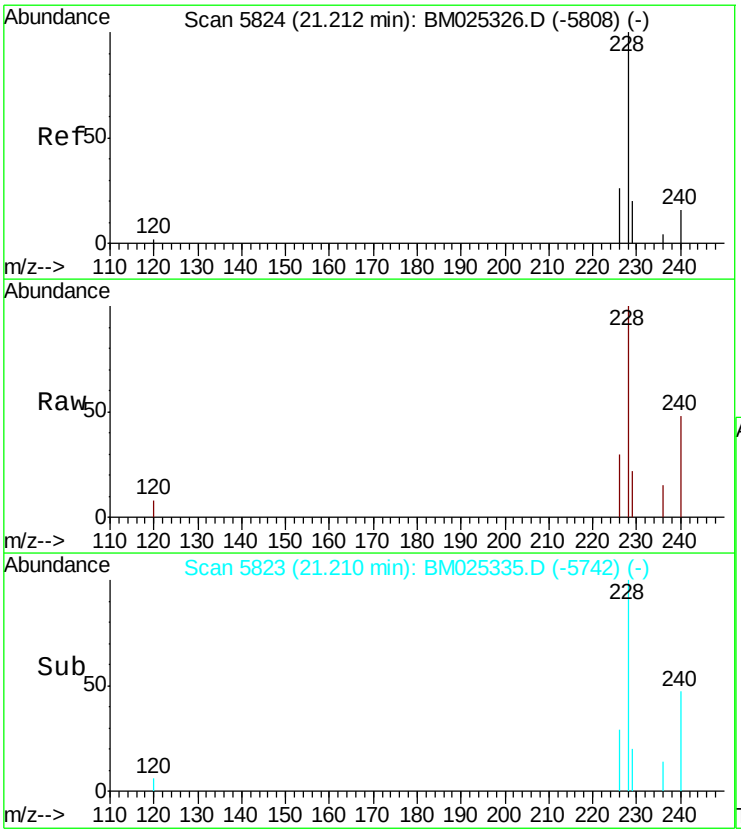
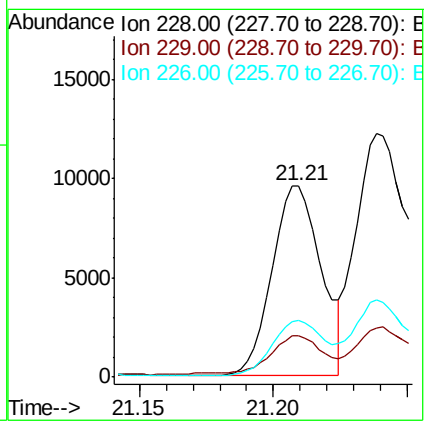
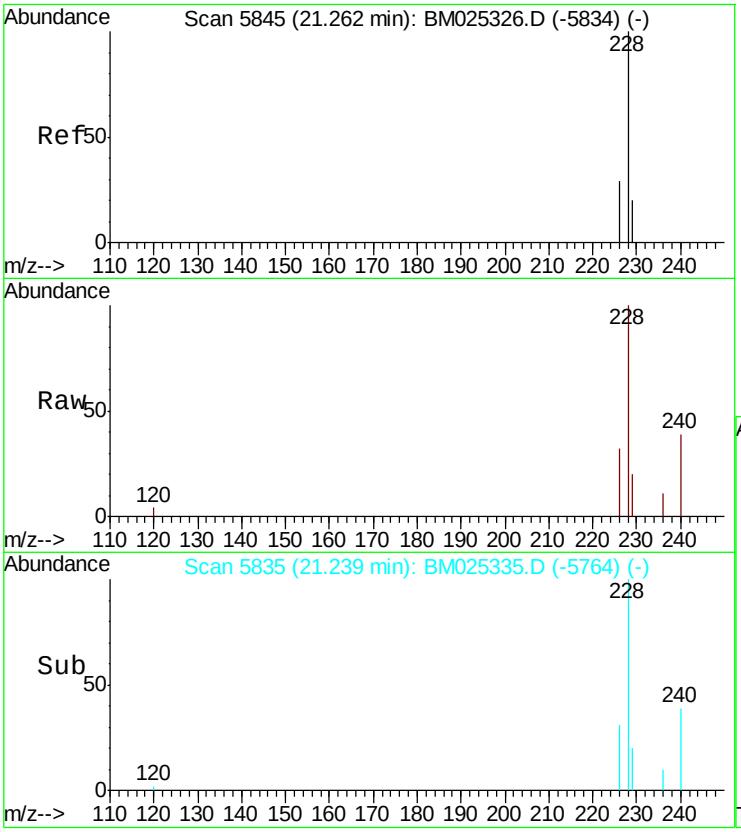


#18
Benzo(a)anthracene
Concen: 0.115 ng/ul
RT: 21.21 min Scan# 5823
Delta R.T. -0.00 min
Lab File: BM025335.D
Acq: 07 Mar 2020 05:42

Tgt Ion:228 Resp: 12109

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.6	25.0
226	29.9	21.9	32.9

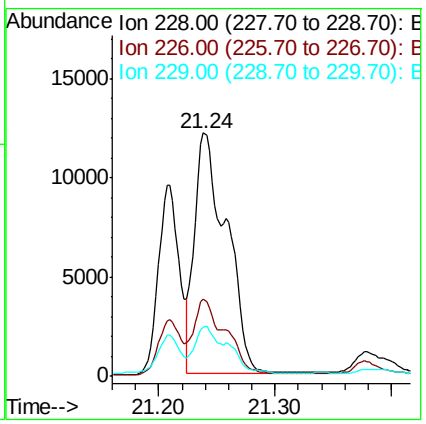




#19
Chrysene
Concen: 0.201 ng/ul
RT: 21.24 min Scan# 5835
Delta R.T. -0.03 min
Lab File: BM025335.D
Acq: 07 Mar 2020 05:42

Tgt Ion:228 Resp: 23215

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.8
229	20.3	16.9	25.3



Instrument :
BNA_M
ClientSampleId :
DBDM5

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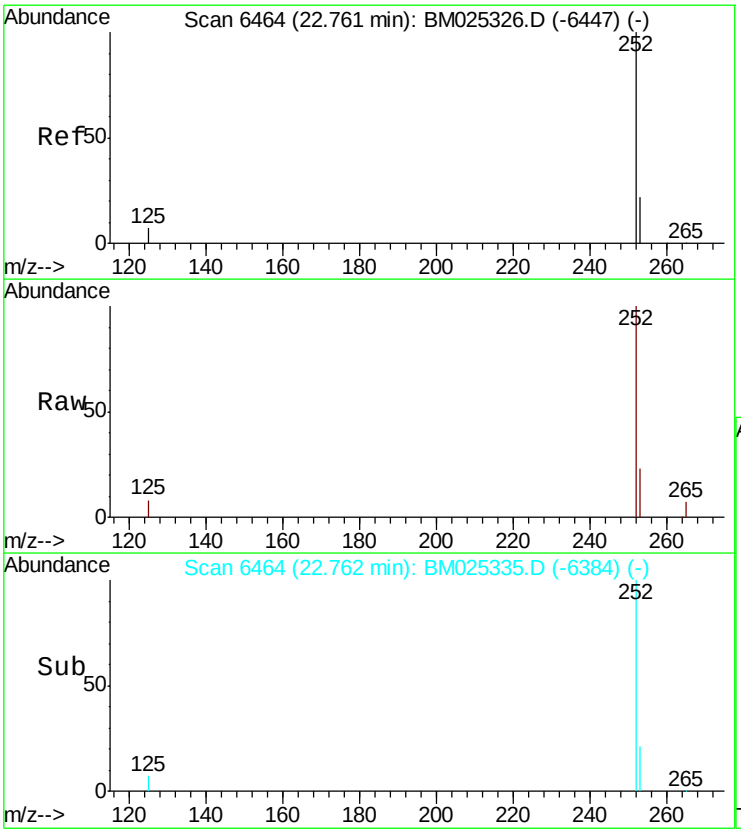
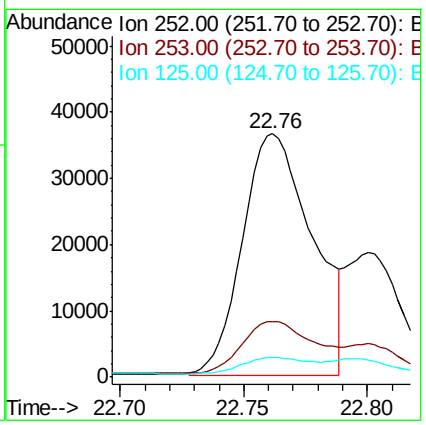
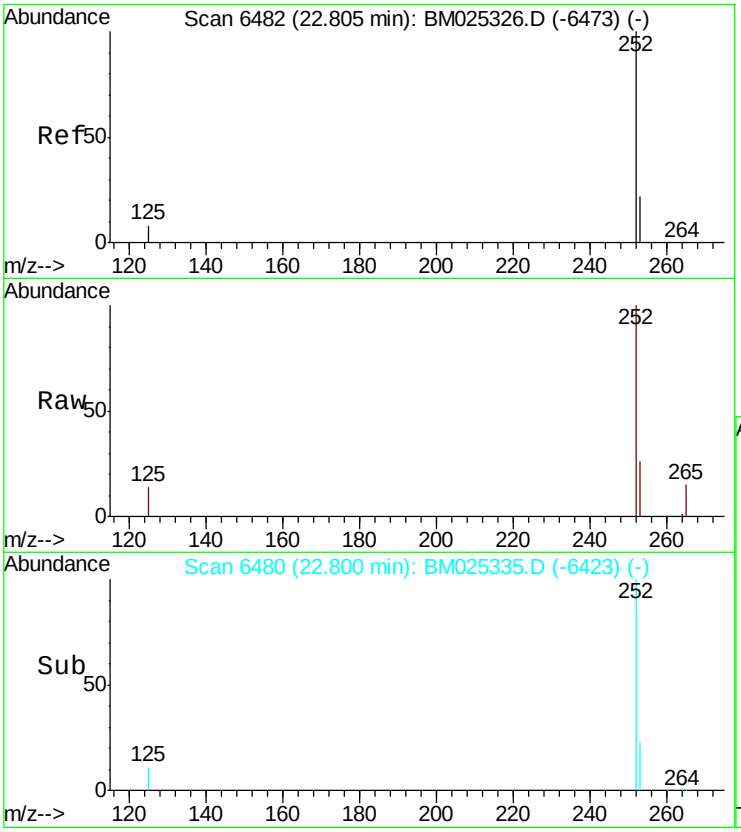


#21
Benzo(b)fluoranthene
Concen: 0.728 ng/ul m
RT: 22.76 min Scan# 6464
Delta R.T. -0.01 min
Lab File: BM025335.D
Acq: 07 Mar 2020 05:42

Tgt Ion:252 Resp: 71655

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	49.8
125	8.2	0.0	28.6

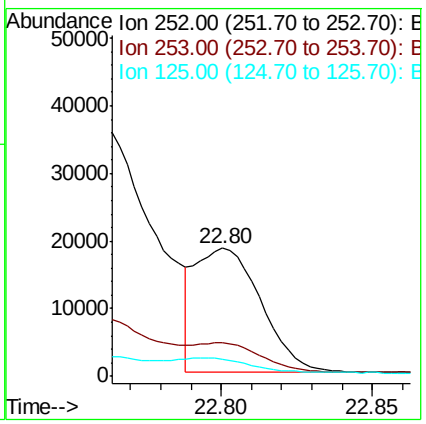




#22
Benzo(k)fluoranthene
Concen: 0.267 ng/ul m
RT: 22.80 min Scan# 6480
Delta R.T. -0.01 min
Lab File: BM025335.D
Acq: 07 Mar 2020 05:42

Tgt Ion:252 Resp: 27615

Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.4	29.0
125	13.7	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
DBDM5

Manual Integrations APPROVED
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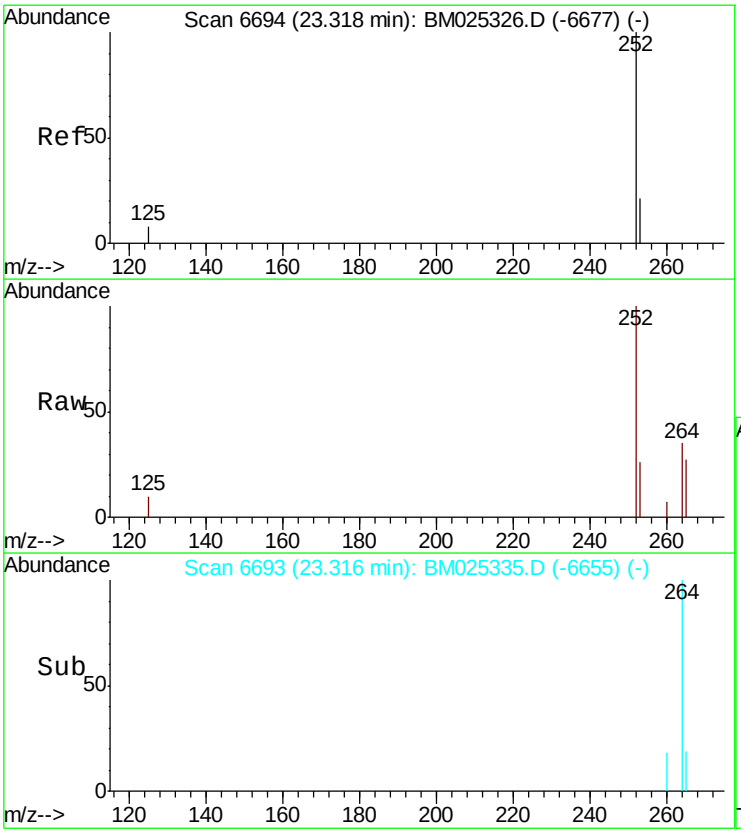
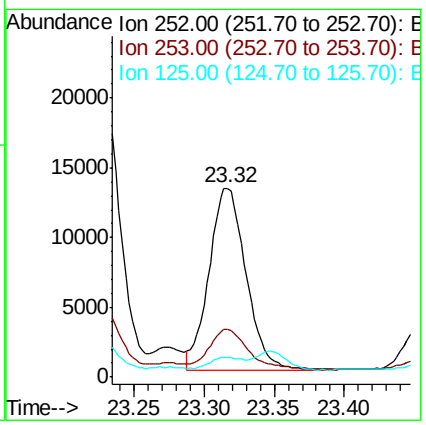
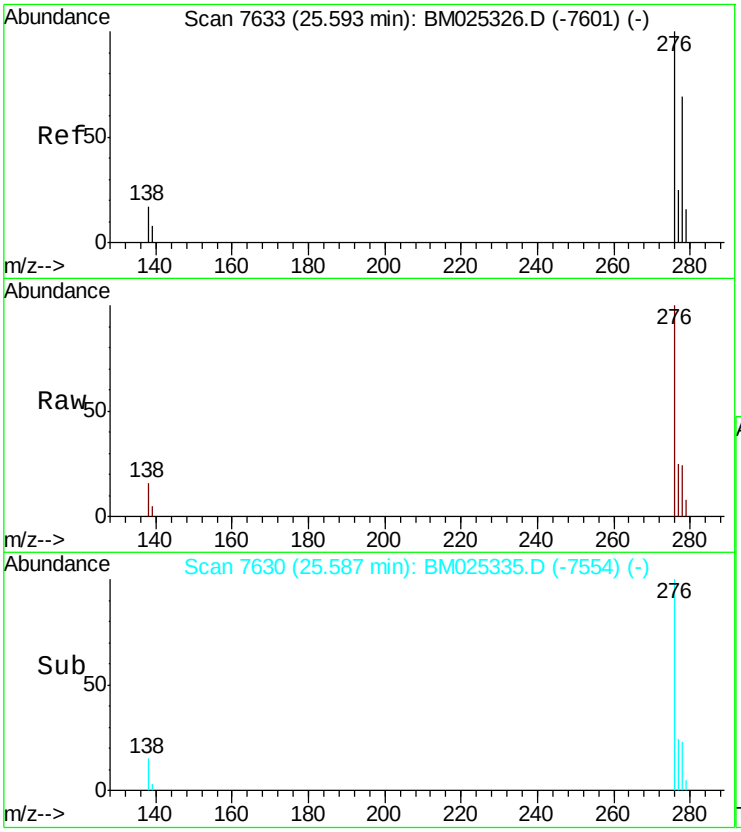


#23
Benzo(a)pyrene
Concen: 0.289 ng/ul
RT: 23.32 min Scan# 6693
Delta R.T. -0.01 min
Lab File: BM025335.D
Acq: 07 Mar 2020 05:42

Tgt Ion:252 Resp: 23861

Ion	Ratio	Lower	Upper
252	100		
253	25.5	20.3	30.5
125	10.4	13.0	19.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.180 ng/ul
RT: 25.59 min Scan# 7630
Delta R.T. -0.02 min
Lab File: BM025335.D
Acq: 07 Mar 2020 05:42

Instrument :
BNA_M
ClientSampleId :
DBDM5

Manual Integrations APPROVED
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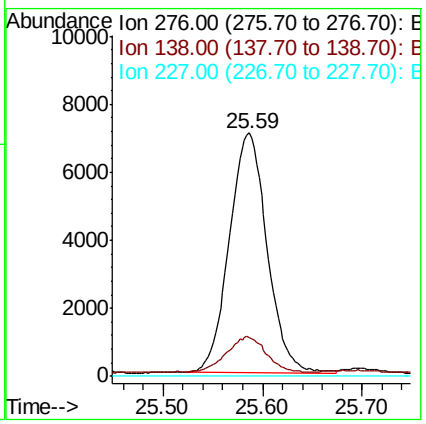
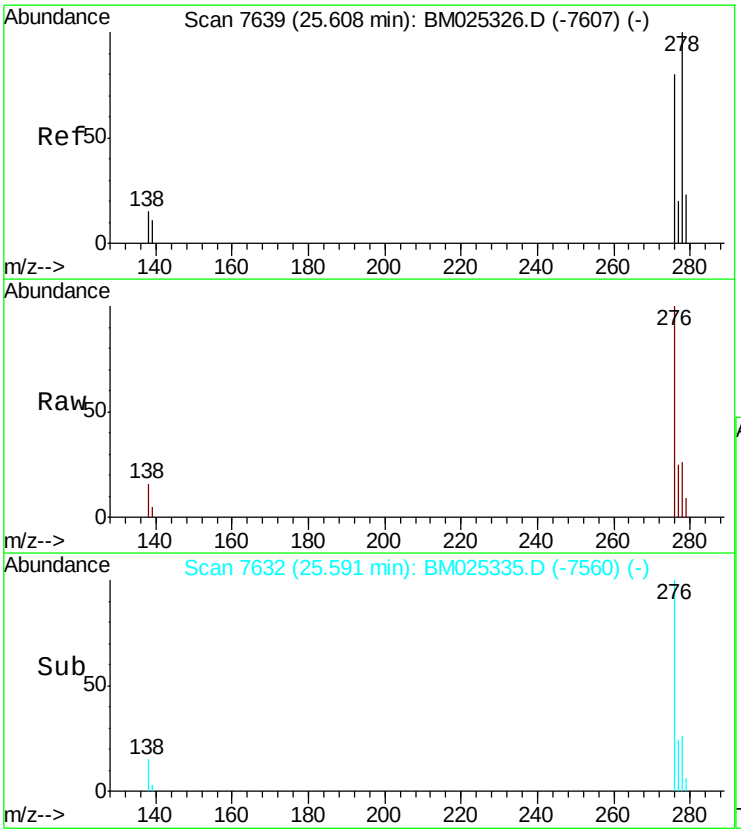
Tgt Ion:276 Resp: 18585

Ion	Ratio	Lower	Upper
276	100		
138	15.5	0.0	0.0#
227	0.0	0.0	0.0

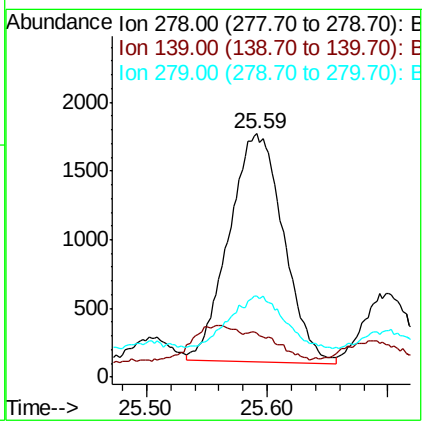


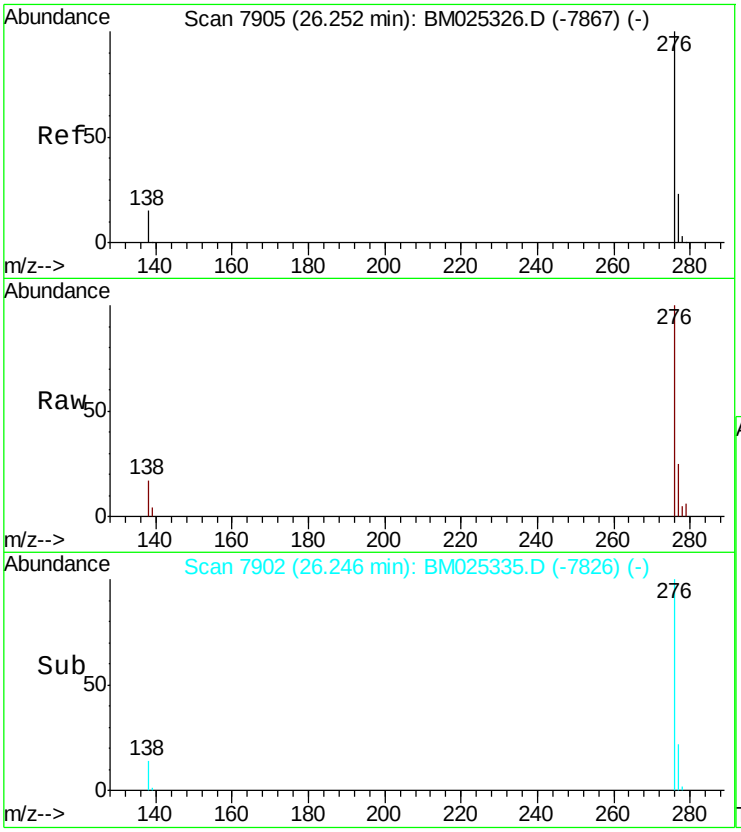


#25
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 25.59 min Scan# 7632
Delta R.T. -0.03 min
Lab File: BM025335.D
Acq: 07 Mar 2020 05:42

Tgt Ion:278 Resp: 5223

Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.2	19.8
279	33.5	21.0	31.4#

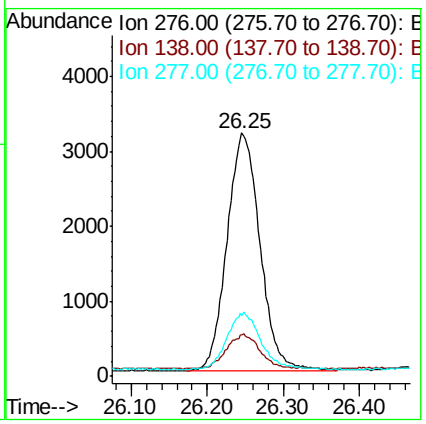




#26
Benzo(g,h,i)perylene
Concen: 0.109 ng/ul
RT: 26.25 min Scan# 7902
Delta R.T. -0.02 min
Lab File: BM025335.D
Acq: 07 Mar 2020 05:42

Tgt Ion:276 Resp: 9511

Ion	Ratio	Lower	Upper
276	100		
138	17.2	17.9	26.9#
277	24.8	20.5	30.7



Instrument :
BNA_M
ClientSampleId :
DBDM5

Manual Integrations APPROVED
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3/9/2020 3:00:55 PM