Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025307.D
Acq On : 06 Mar 2020 03:58
Operator : CG/JU
Sample : L1568-08
Misc :
ALS Vial : 104 Sample Multiplier: 1

Quant Time: Mar 06 04:53:36 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 : Fri Mar 06 04:44:16 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DBDB1

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4046	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	17670	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	12996	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	28906m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	22347	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	21851	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	8387	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	21892	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.49	128	17930	0.337	ng/ul#	82
5) 2-Methylnaphthalene	12.11	142	790	0.020	ng/ul	99
7) Acenaphthylene	14.02	152	3826	0.063	ng/ul#	90
8) Acenaphthene	14.36	153	112092	2.375	ng/ul	97
9) Fluorene	15.35	166	120420	2.035	ng/ul#	95
12) Phenanthrene	17.08	178	77395	0.830	ng/ul	96
13) Anthracene	17.17	178	15331	0.185	ng/ul	97
15) Fluoranthene	19.10	202	68698	0.589	ng/ul	96
17) Pyrene	19.46	202	64886	0.766	ng/ul	96
18) Benzo(a)anthracene	21.21	228	24509	0.298	ng/ul	99
19) Chrysene	21.26	228	33360	0.370	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	34674m	0.397	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	12437m	0.136	ng/ul	
23) Benzo(a)pyrene	23.32	252	16969	0.231	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.59	276	10502	0.115	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	2715	0.036	ng/ul#	64
26) Benzo(g,h,i)perylene	26.25	276	7165	0.092	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025307.D
Acq On : 06 Mar 2020 03:58
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Misc :
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Instrument :
BNA_M
ClientSampleId :
DBDB1

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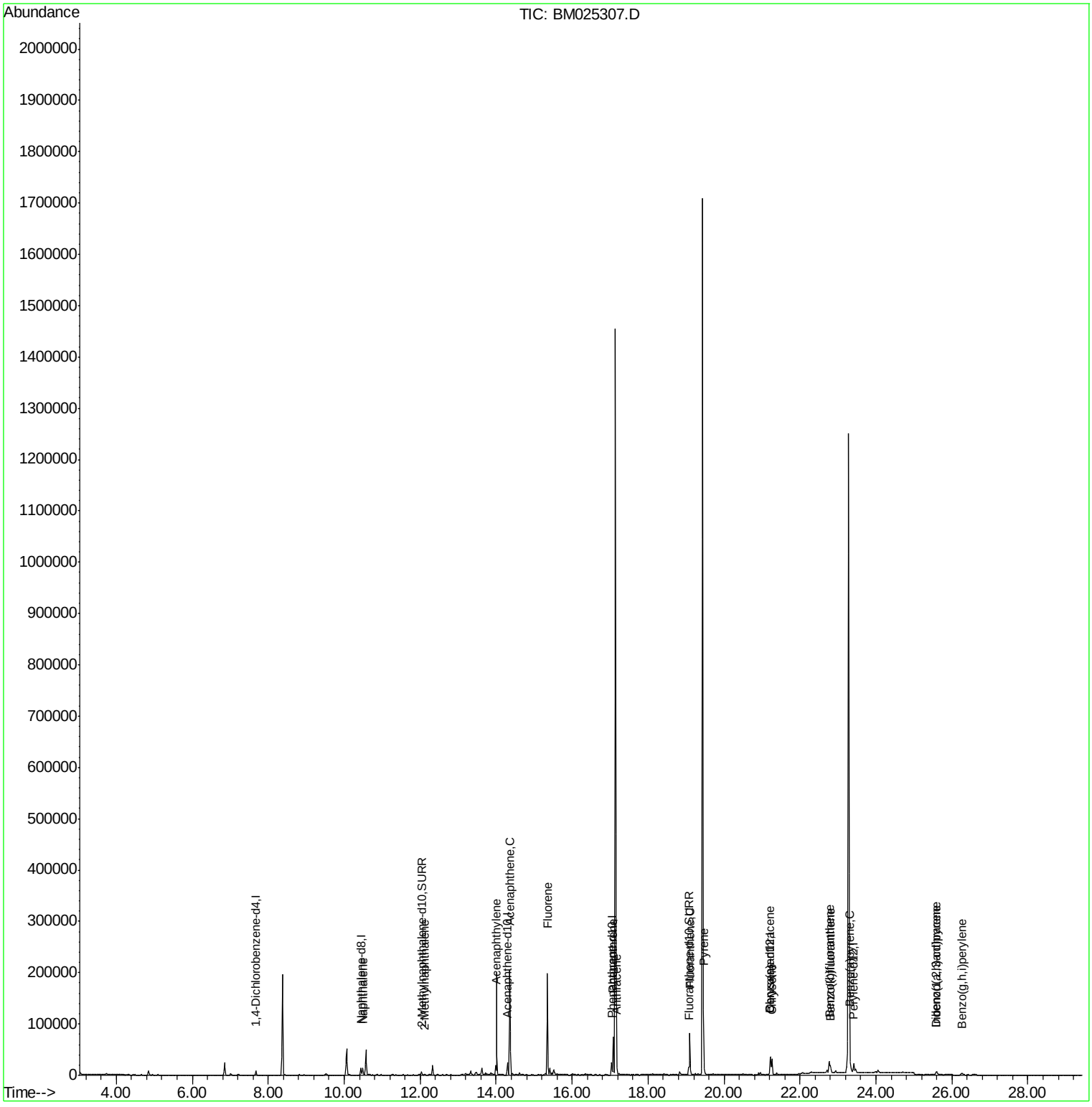

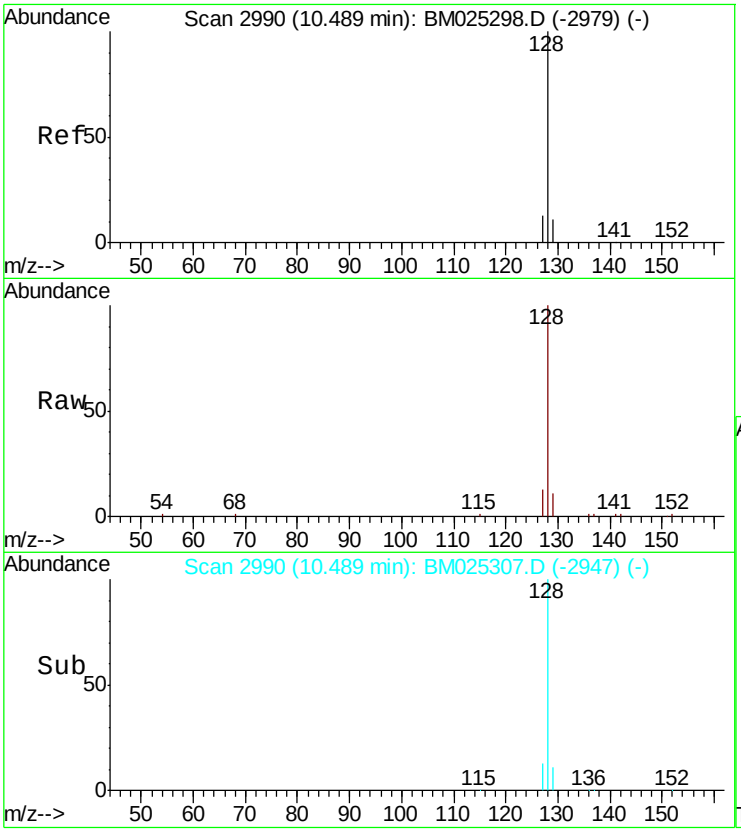

#3
Naphthalene
Concen: 0.337 ng/ul
RT: 10.49 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BM025307.D
Acq: 06 Mar 2020 03:58

Tgt Ion:128 Resp: 17930

Ion	Ratio	Lower	Upper
128	100		
129	11.3	17.0	25.6#
127	13.4	15.7	23.5#

Instrument :
BNA_M
ClientSampleId :
DBDB1

Manual Integrations APPROVED
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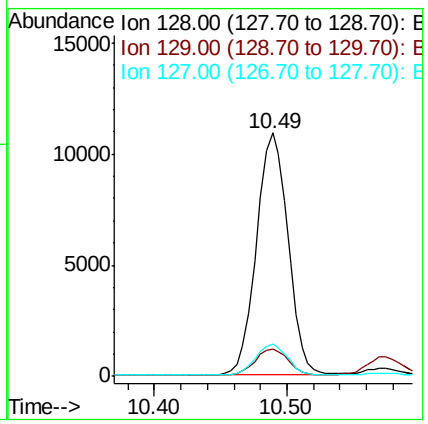
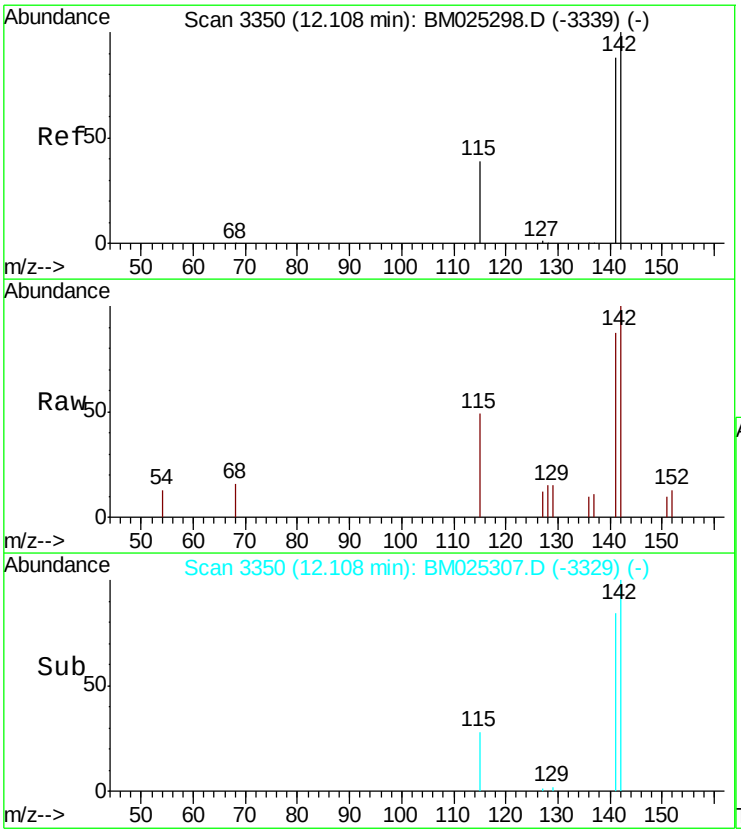
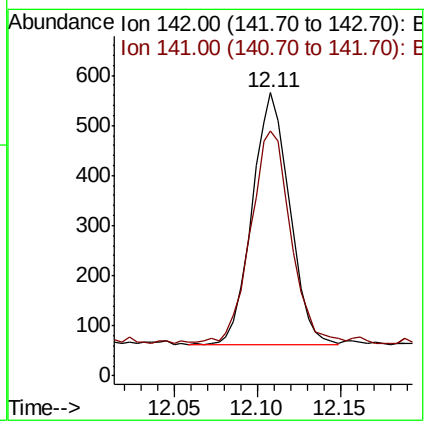


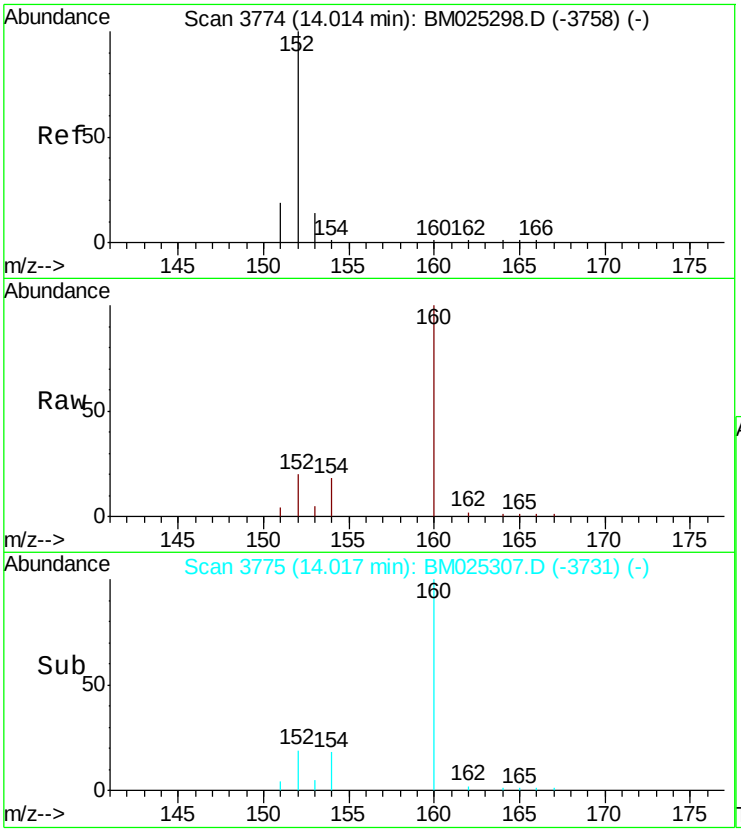


#5
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.11 min Scan# 3350
Delta R.T. -0.00 min
Lab File: BM025307.D
Acq: 06 Mar 2020 03:58

Tgt Ion:142 Resp: 790

Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.8	104.8





#7
Acenaphthylene
Concen: 0.063 ng/ul
RT: 14.02 min Scan# 3775
Delta R.T. -0.00 min
Lab File: BM025307.D
Acq: 06 Mar 2020 03:58

Tgt Ion:152 Resp: 3826

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.8	26.8
153	25.9	13.3	19.9#

Instrument :
BNA_M
ClientSampleId :
DBDB1

Manual Integrations APPROVED
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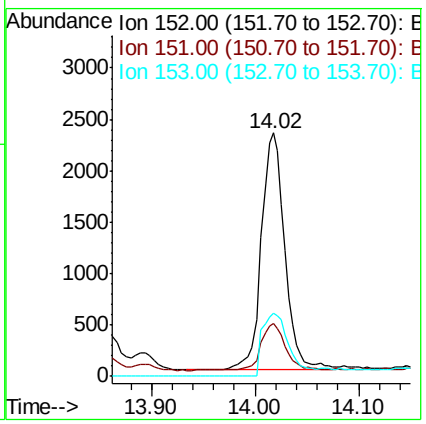
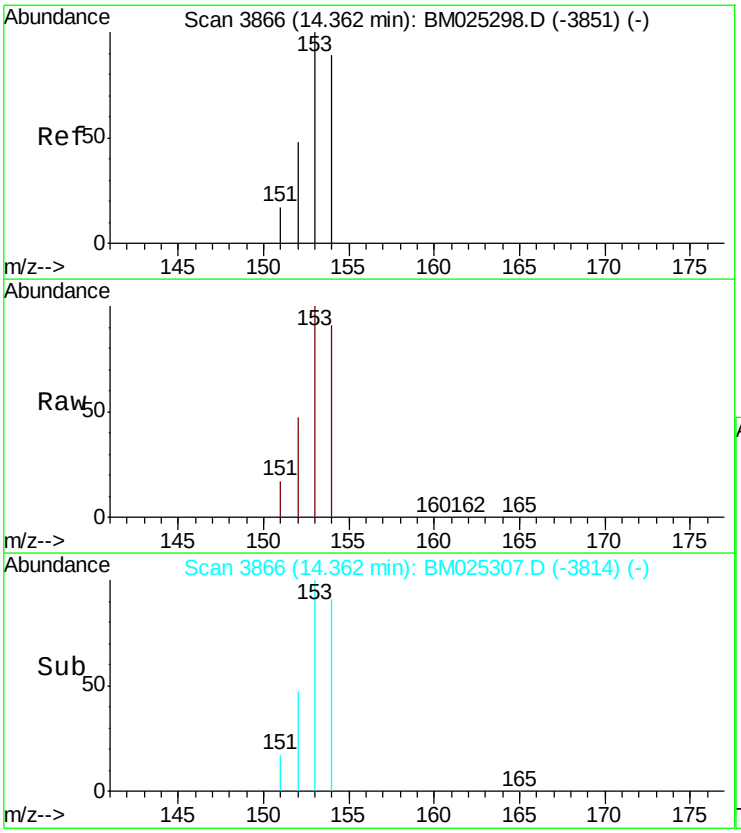
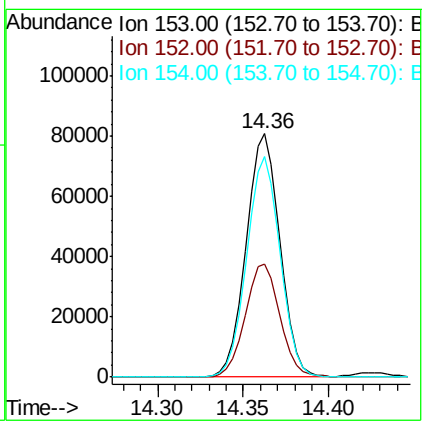


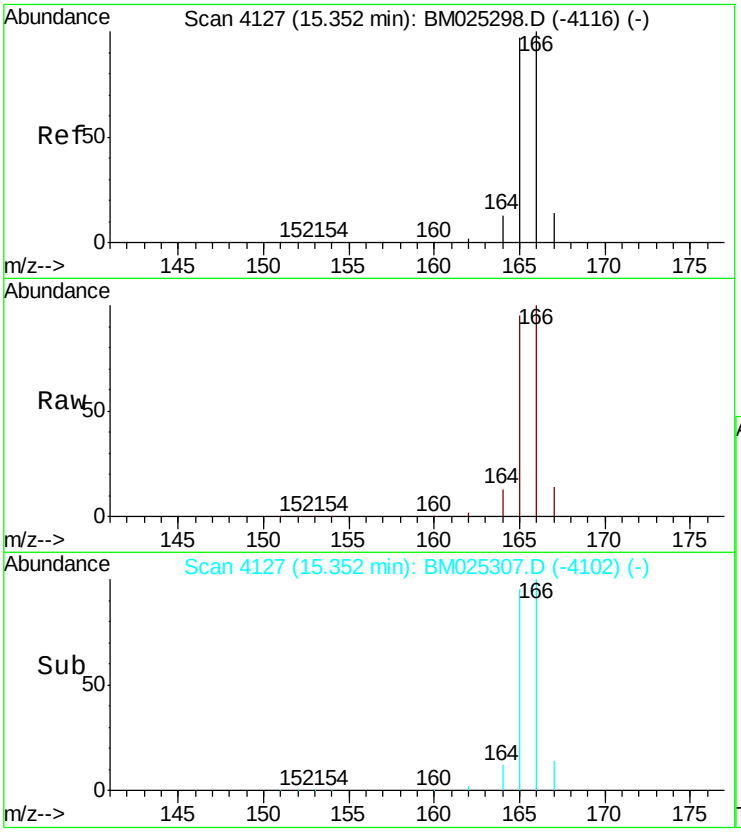


#8
Acenaphthene
Concen: 2.375 ng/ul
RT: 14.36 min Scan# 3866
Delta R.T. -0.00 min
Lab File: BM025307.D
Acq: 06 Mar 2020 03:58

Tgt Ion:153 Resp: 112092

Ion	Ratio	Lower	Upper
153	100		
152	46.6	40.0	60.0
154	90.8	71.0	106.6

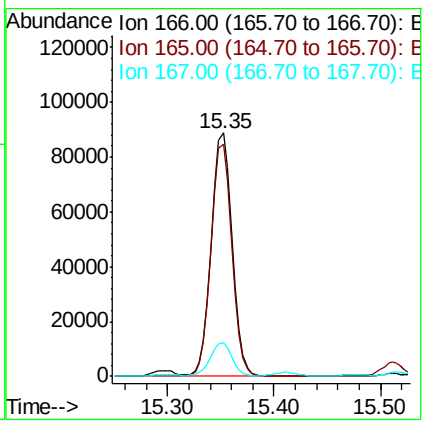




#9
Fluorene
Concen: 2.035 ng/ul
RT: 15.35 min Scan# 4127
Delta R.T. -0.00 min
Lab File: BM025307.D
Acq: 06 Mar 2020 03:58

Tgt Ion:166 Resp: 120420

Ion	Ratio	Lower	Upper
166	100		
165	95.4	80.0	120.0
167	13.6	13.7	20.5#



Instrument :
BNA_M
ClientSampleId :
DBDB1

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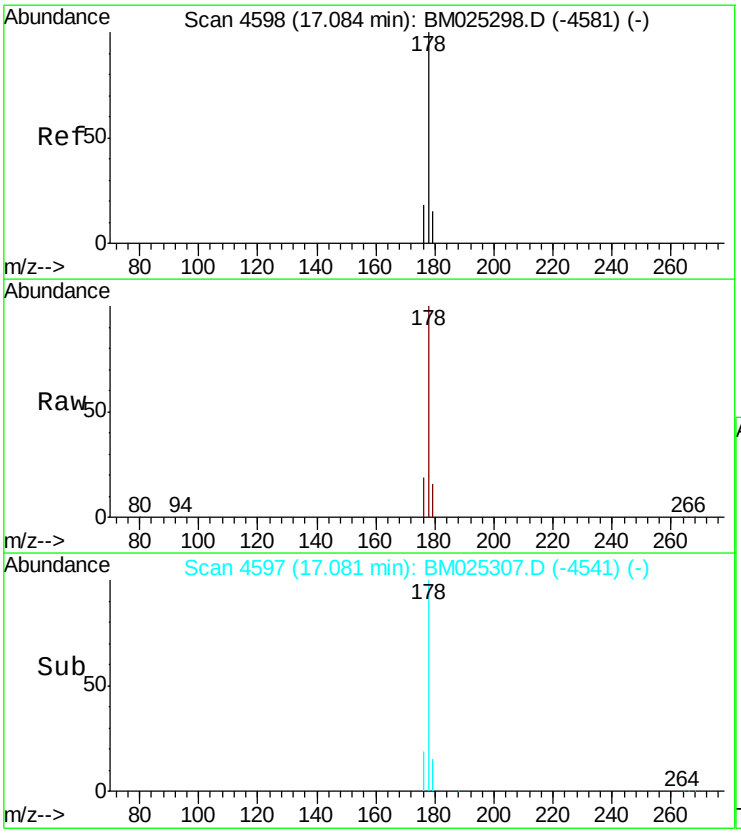
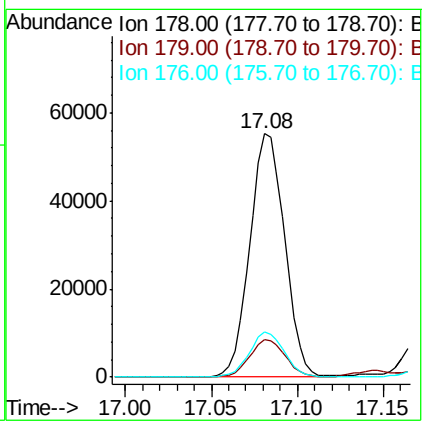
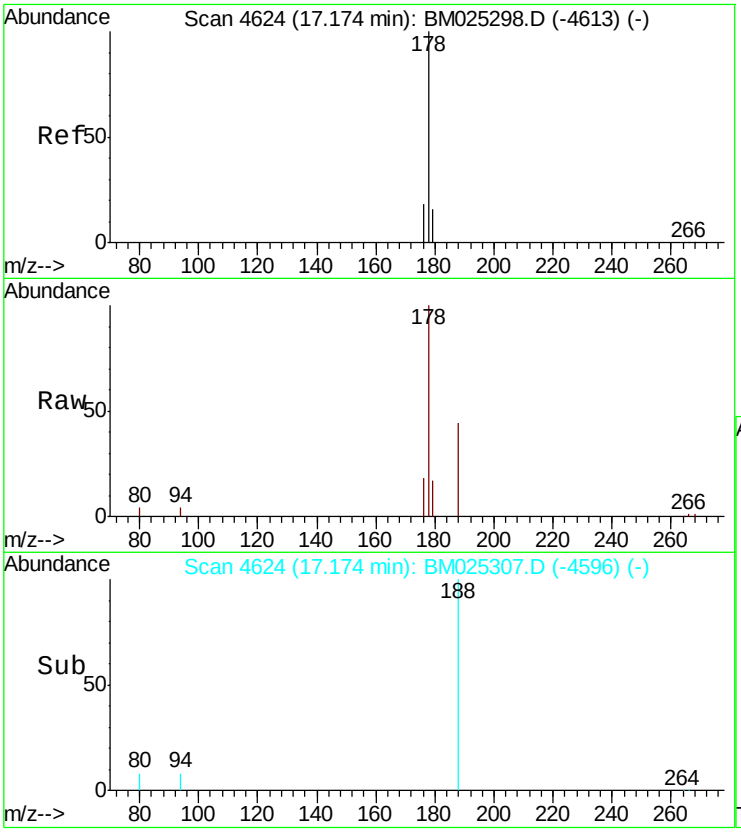


#12
Phenanthrene
Concen: 0.830 ng/ul
RT: 17.08 min Scan# 4597
Delta R.T. -0.01 min
Lab File: BM025307.D
Acq: 06 Mar 2020 03:58

Tgt Ion:178 Resp: 77395

Ion	Ratio	Lower	Upper
178	100		
179	15.7	14.0	21.0
176	18.6	16.6	24.8





#13
Anthracene
Concen: 0.185 ng/ul
RT: 17.17 min Scan# 4624
Delta R.T. -0.00 min
Lab File: BM025307.D
Acq: 06 Mar 2020 03:58

Tgt Ion:178 Resp: 15331

Ion	Ratio	Lower	Upper
178	100		
179	16.7	14.1	21.1
176	18.1	16.2	24.4

Instrument :
BNA_M
ClientSampleId :
DBDB1

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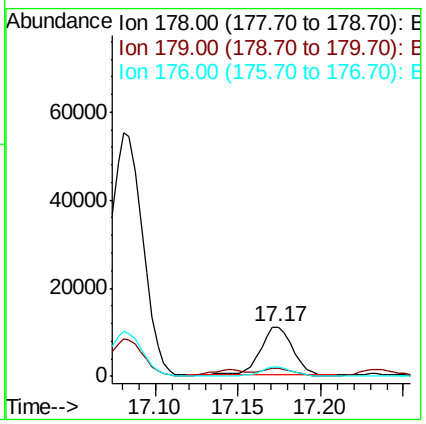
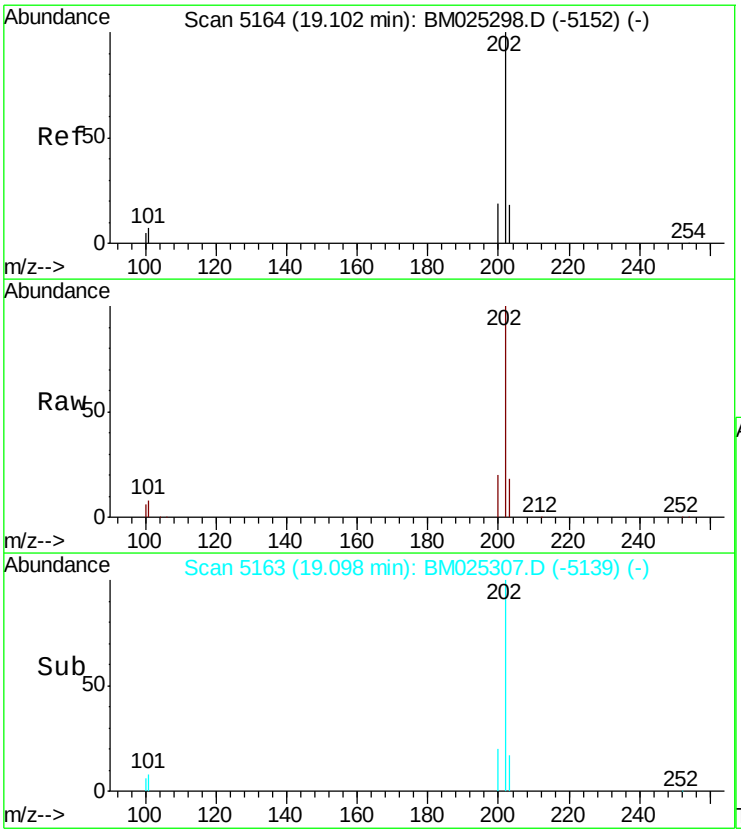
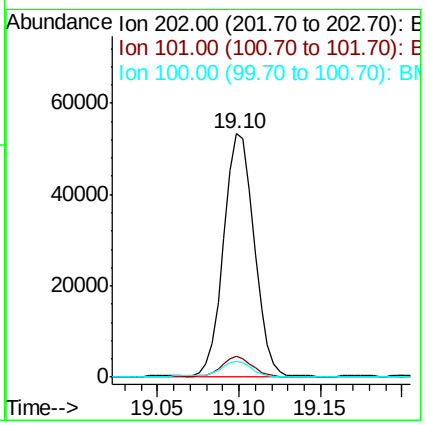


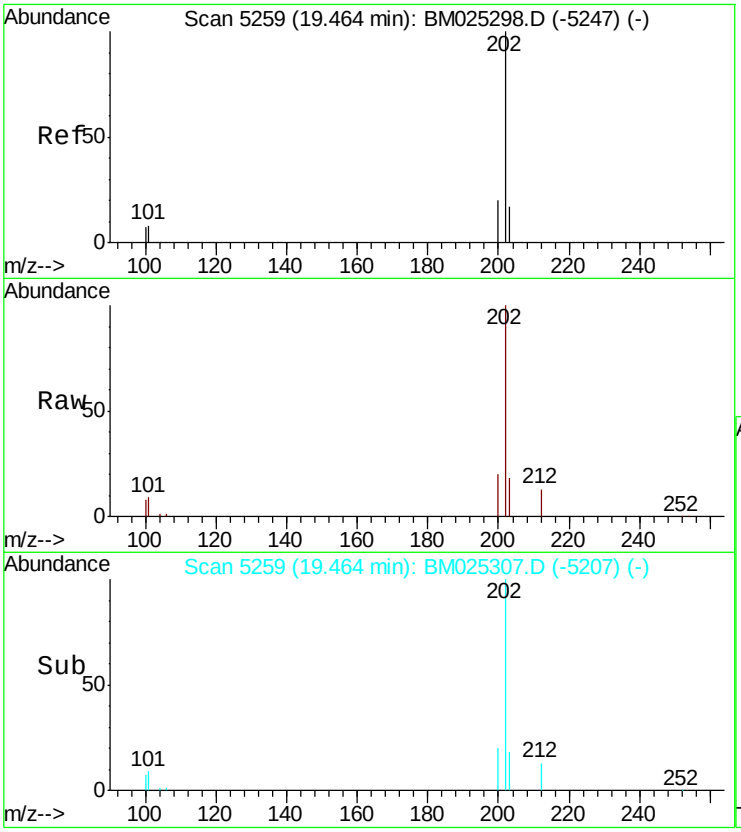


#15
Fluoranthene
Concen: 0.589 ng/ul
RT: 19.10 min Scan# 5163
Delta R.T. -0.01 min
Lab File: BM025307.D
Acq: 06 Mar 2020 03:58

Tgt Ion:202 Resp: 68698

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	29.4
100	6.3	0.0	28.0

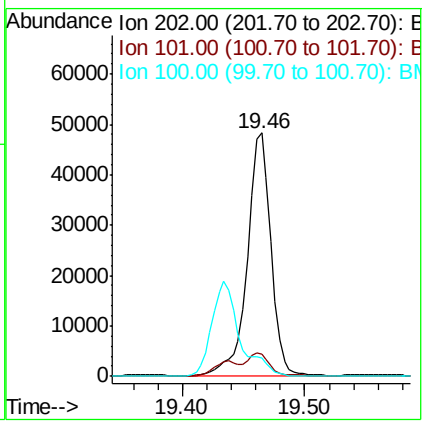




#17
Pyrene
Concen: 0.766 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.00 min
Lab File: BM025307.D
Acq: 06 Mar 2020 03:58

Tgt Ion:202 Resp: 64886

Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.7	13.1
100	7.6	7.3	10.9



Instrument :
BNA_M
ClientSampleId :
DBDB1

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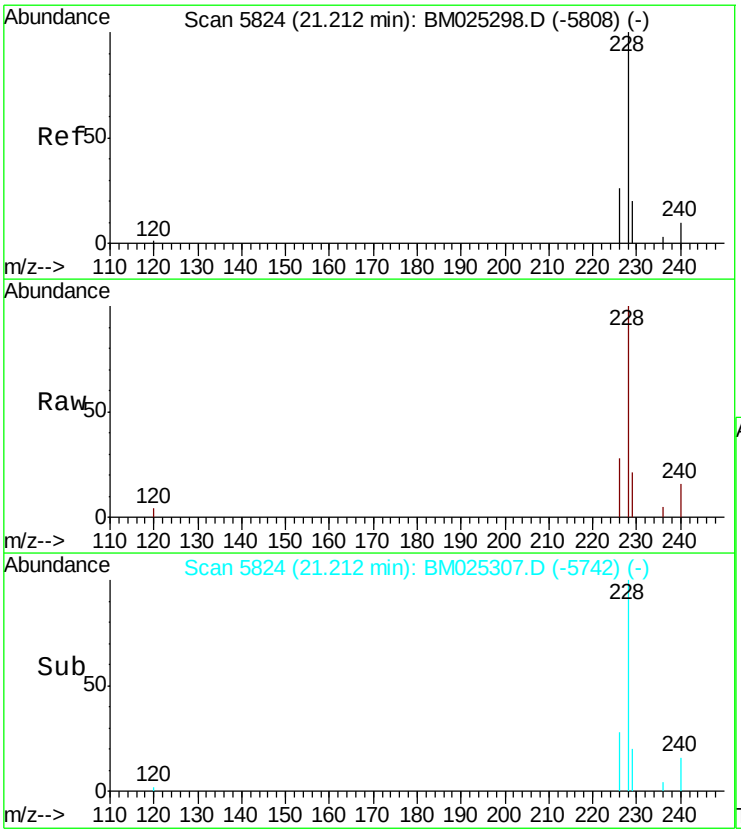
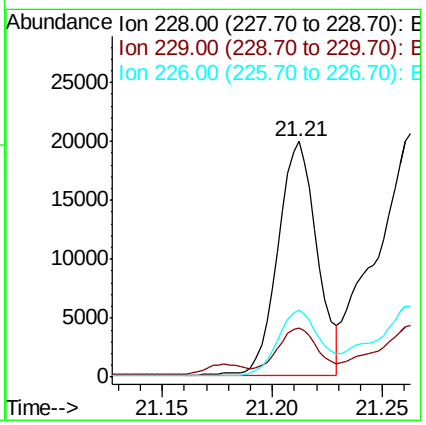
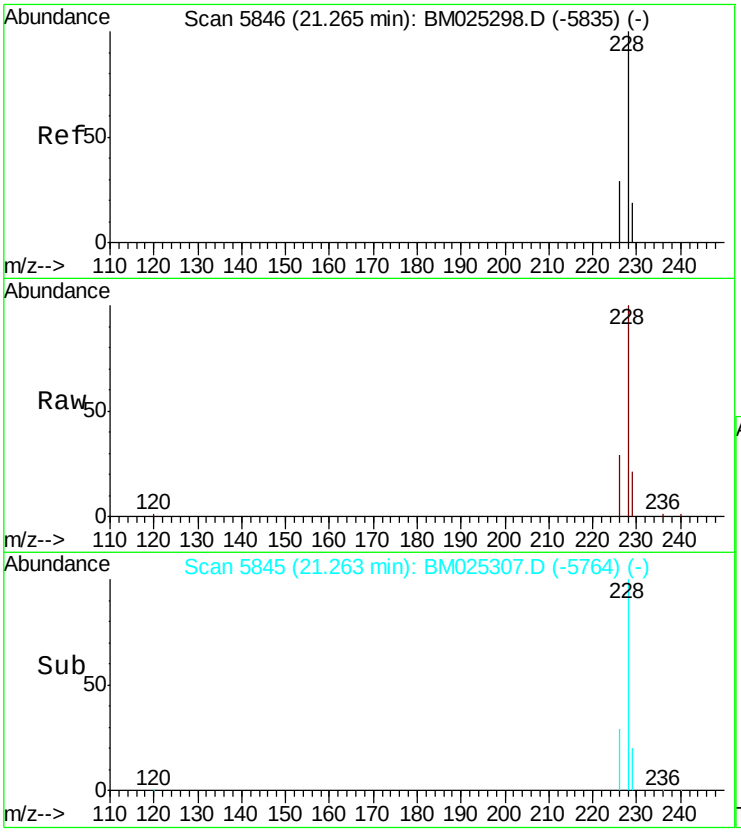


#18
Benzo(a)anthracene
Concen: 0.298 ng/ul
RT: 21.21 min Scan# 5824
Delta R.T. -0.00 min
Lab File: BM025307.D
Acq: 06 Mar 2020 03:58

Tgt Ion:228 Resp: 24509

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.6	25.0
226	28.5	21.9	32.9

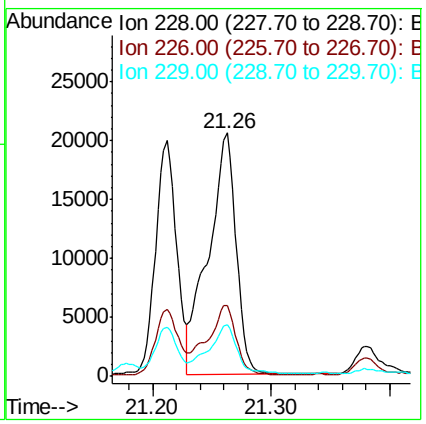




#19
Chrysene
Concen: 0.370 ng/ul
RT: 21.26 min Scan# 5845
Delta R.T. -0.00 min
Lab File: BM025307.D
Acq: 06 Mar 2020 03:58

Tgt Ion:228 Resp: 33360

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.8	35.8
229	21.0	16.9	25.3



Instrument :
BNA_M
ClientSampleId :
DBDB1

Manual Integrations APPROVED
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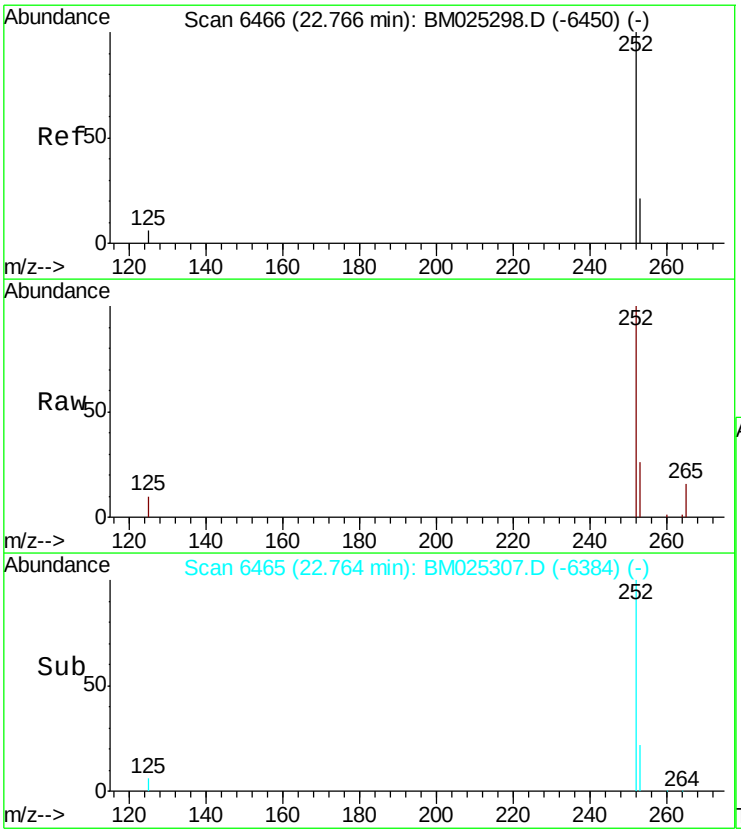
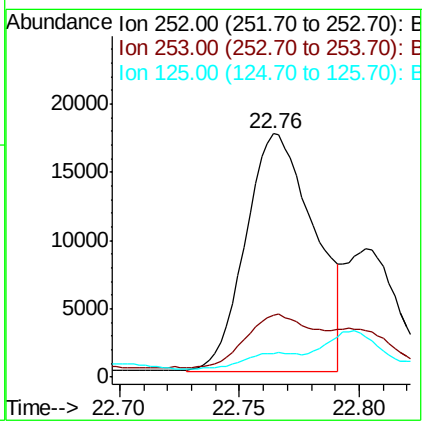
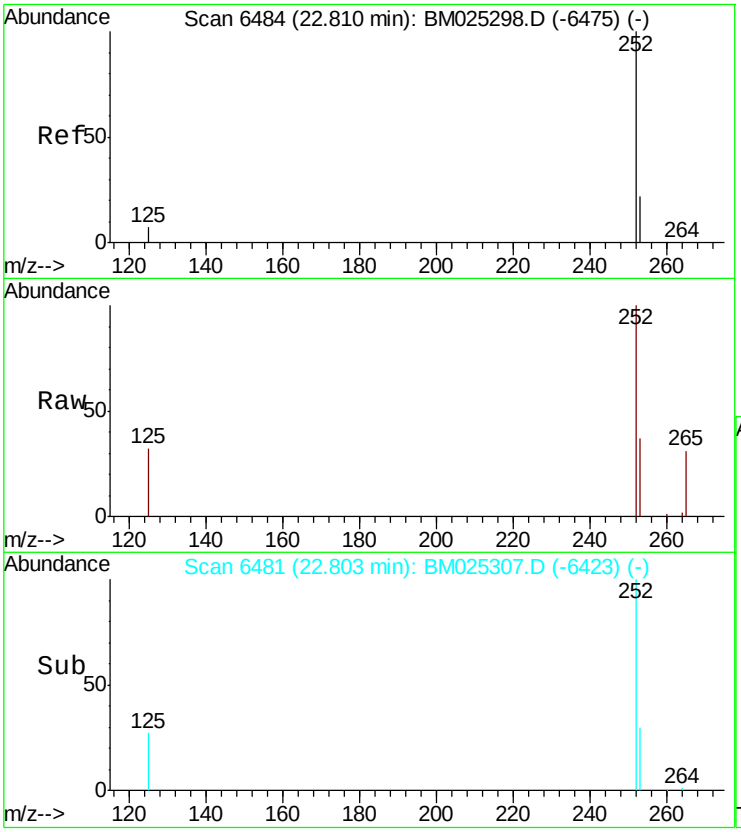


#21
Benzo(b)fluoranthene
Concen: 0.397 ng/ul m
RT: 22.76 min Scan# 6465
Delta R.T. -0.00 min
Lab File: BM025307.D
Acq: 06 Mar 2020 03:58

Tgt Ion:252 Resp: 34674

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	49.8
125	9.8	0.0	28.6





#22
Benzo(k)fluoranthene
Concen: 0.136 ng/ul m
RT: 22.80 min Scan# 6481
Delta R.T. -0.01 min
Lab File: BM025307.D
Acq: 06 Mar 2020 03:58

Tgt Ion:252 Resp: 12437

Ion	Ratio	Lower	Upper
252	100		
253	36.6	19.4	29.0#
125	31.7	10.7	16.1#

Instrument :
BNA_M
ClientSampleId :
DBDB1

Manual Integrations APPROVED
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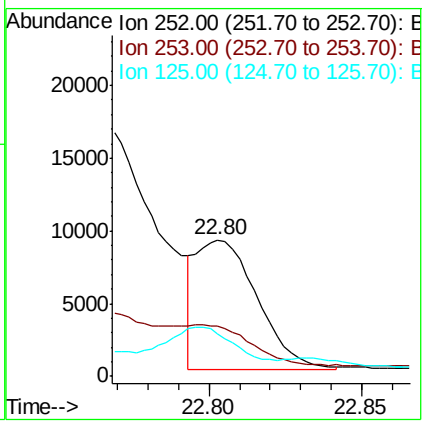
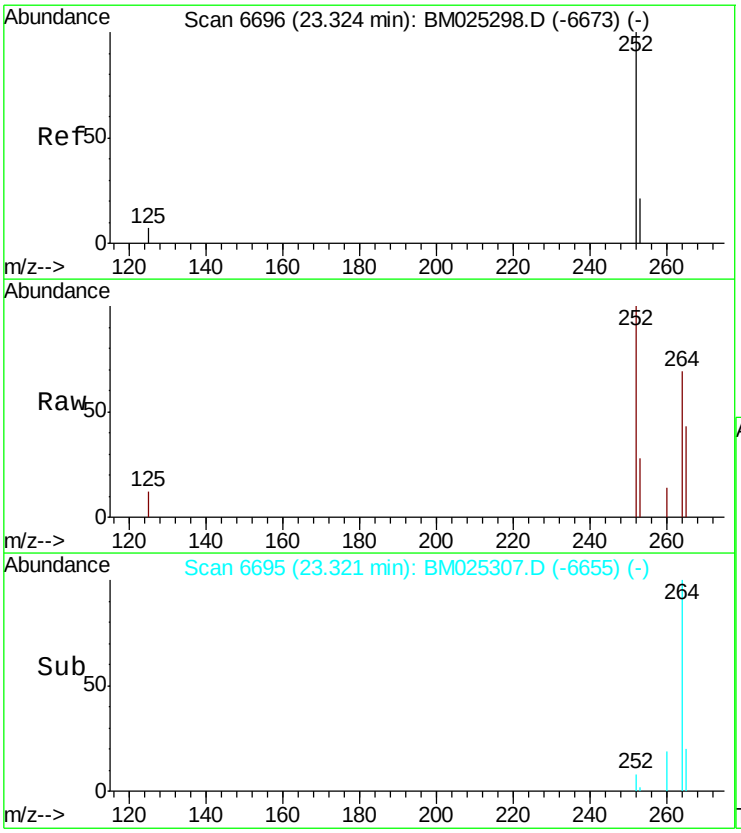
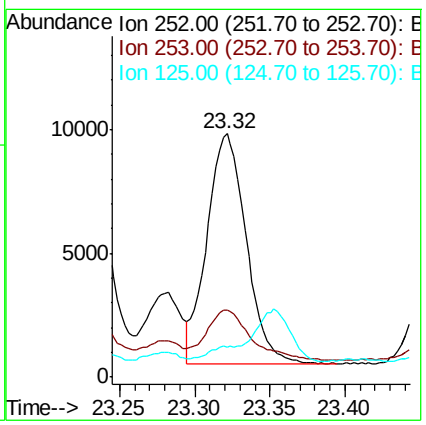


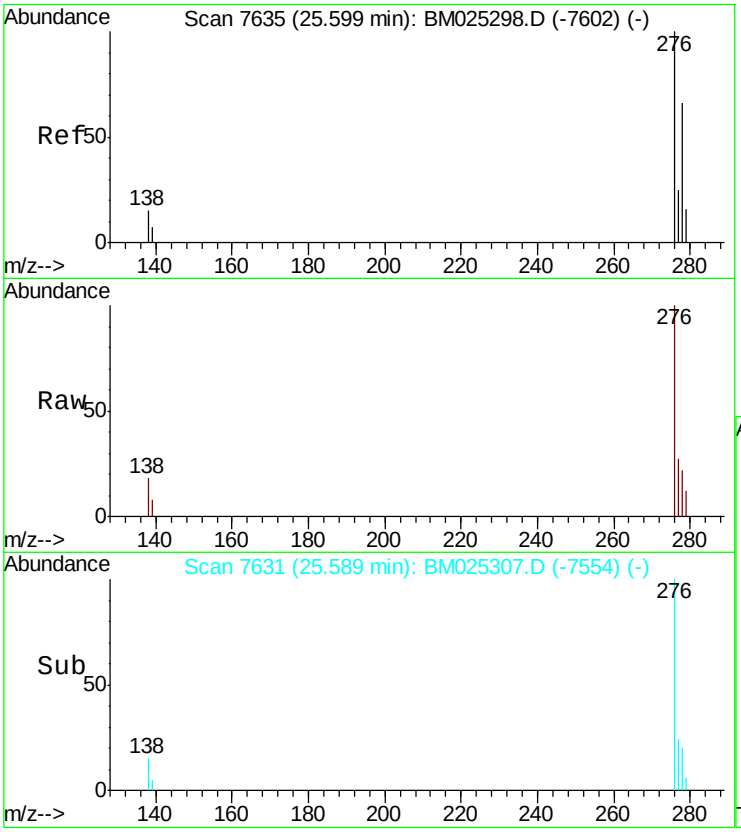


#23
Benzo(a)pyrene
Concen: 0.231 ng/ul
RT: 23.32 min Scan# 6695
Delta R.T. -0.00 min
Lab File: BM025307.D
Acq: 06 Mar 2020 03:58

Tgt Ion:252 Resp: 16969

Ion	Ratio	Lower	Upper
252	100		
253	27.8	20.3	30.5
125	12.4	13.0	19.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.115 ng/ul
RT: 25.59 min Scan# 7631
Delta R.T. -0.01 min
Lab File: BM025307.D
Acq: 06 Mar 2020 03:58

Tgt Ion:276 Resp: 10502

Ion	Ratio	Lower	Upper
276	100		
138	16.3	0.0	0.0#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
DBDB1

Manual Integrations APPROVED
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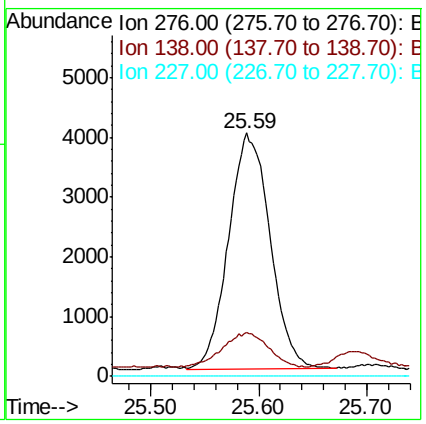
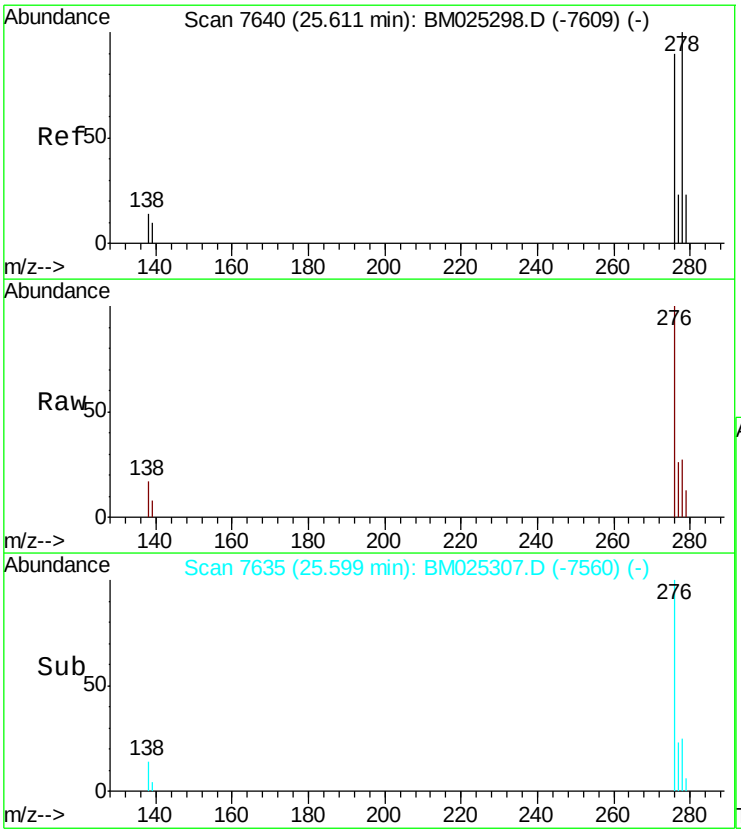
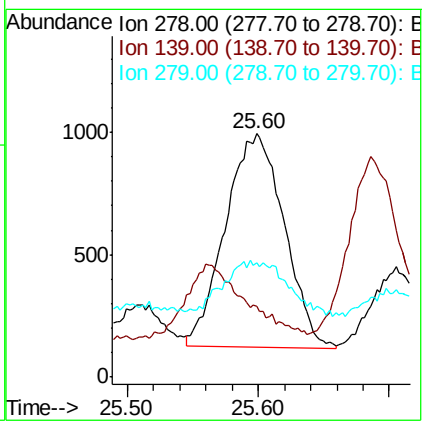


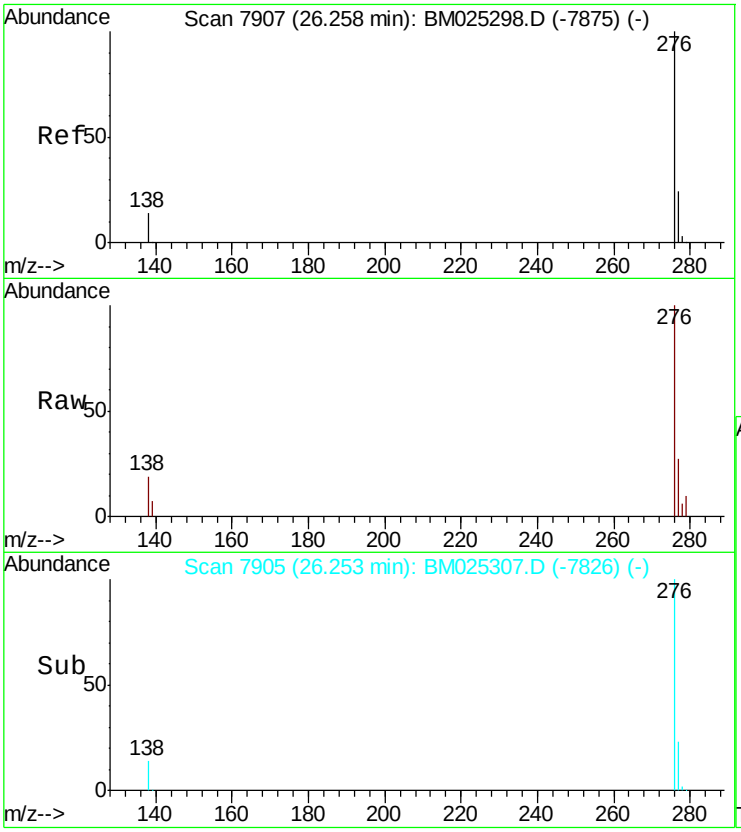


#25
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 25.60 min Scan# 7635
Delta R.T. -0.02 min
Lab File: BM025307.D
Acq: 06 Mar 2020 03:58

Tgt Ion:278 Resp: 2715

Ion	Ratio	Lower	Upper
278	100		
139	28.9	13.2	19.8#
279	46.9	21.0	31.4#

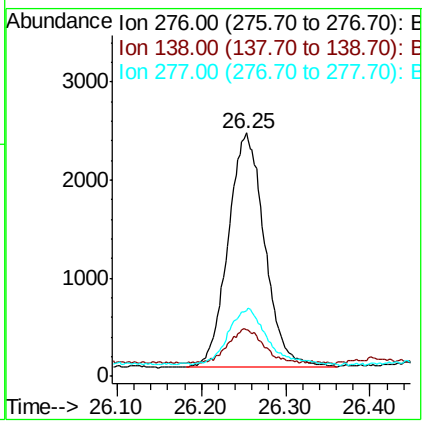




#26
Benzo(g,h,i)perylene
Concen: 0.092 ng/ul
RT: 26.25 min Scan# 7905
Delta R.T. -0.01 min
Lab File: BM025307.D
Acq: 06 Mar 2020 03:58

Tgt Ion:276 Resp: 7165

Ion	Ratio	Lower	Upper
276	100		
138	19.3	17.9	26.9
277	27.1	20.5	30.7



Instrument :
BNA_M
ClientSampleId :
DBDB1

Manual Integrations APPROVED
mohammad
3/6/2020 10:15:43 PM