Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\
Data File : BM025155.D
Acq On : 29 Feb 2020 04:56
Operator : CG/JU
Sample : L1506-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBCY5

Manual Integrations APPROVED
Sohil
3/3/2020 8:39:28 AM

Quant Time: Mar 02 00:56:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 00:36:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2798	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	10989	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	7146	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16495	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	16092	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	17399	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	3766	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	10708	0.19	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.03	152	1447	0.035	ng/ul#	92
9) Fluorene	15.37	166	1922	0.055	ng/ul	96
12) Phenanthrene	17.10	178	128811	2.220	ng/ul	95
13) Anthracene	17.19	178	63264	1.125	ng/ul	95
15) Fluoranthene	19.11	202	424993	5.043	ng/ul	96
17) Pyrene	19.47	202	335287	4.624	ng/ul	95
18) Benzo(a)anthracene	21.22	228	157452	2.266	ng/ul	98
19) Chrysene	21.27	228	140037	2.024	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	121994m	1.789	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	43706m	0.647	ng/ul	
23) Benzo(a)pyrene	23.34	252	68290	1.097	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.62	276	27733	0.355	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.62	278	7825	0.119	ng/ul#	85
26) Benzo(g,h,i)perylene	26.28	276	17231	0.262	ng/ul#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\
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Acq On : 29 Feb 2020 04:56
Operator : CG/JU
Sample : L1506-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 00:36:45 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBCY5

Manual Integrations APPROVED
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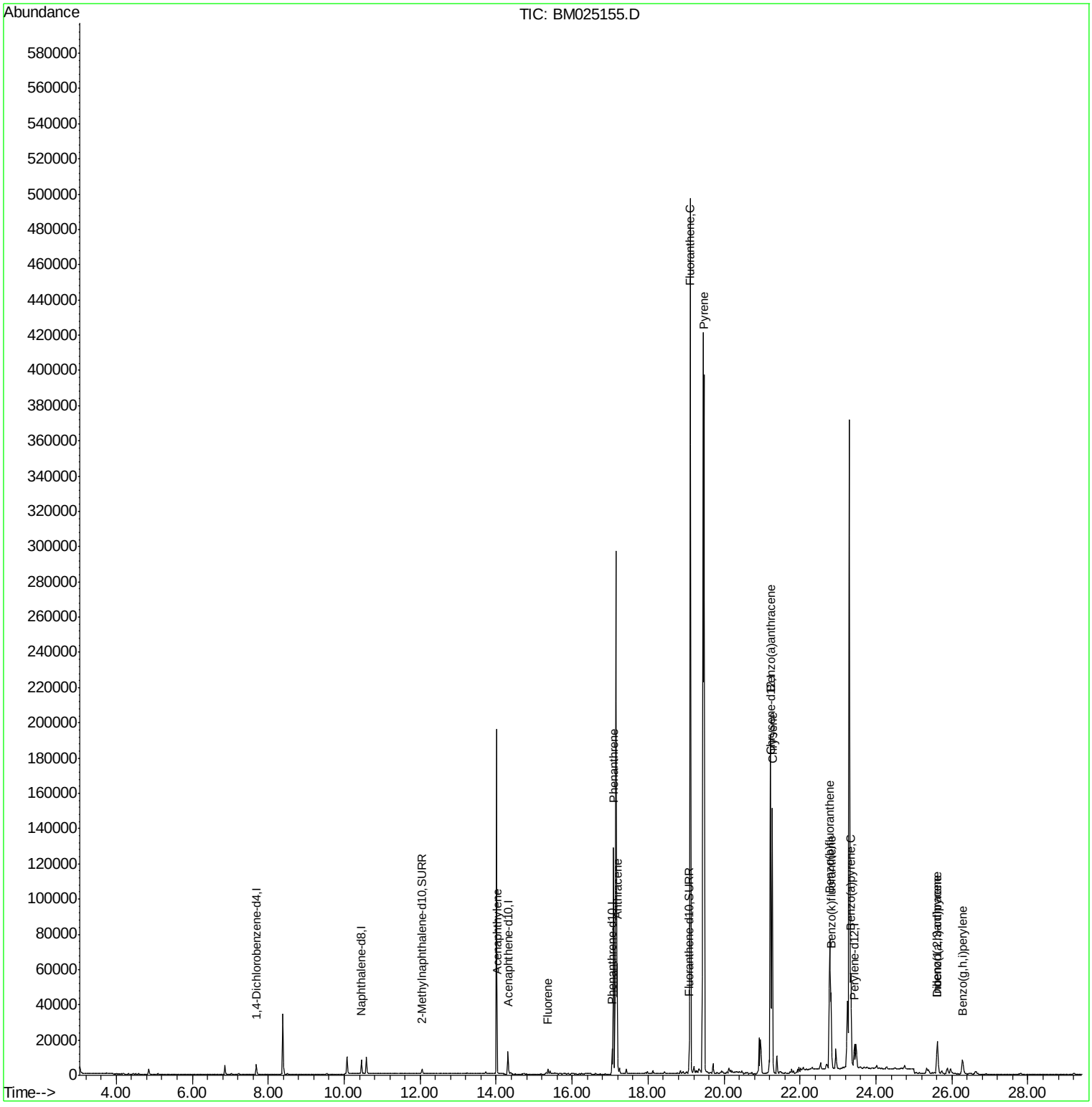
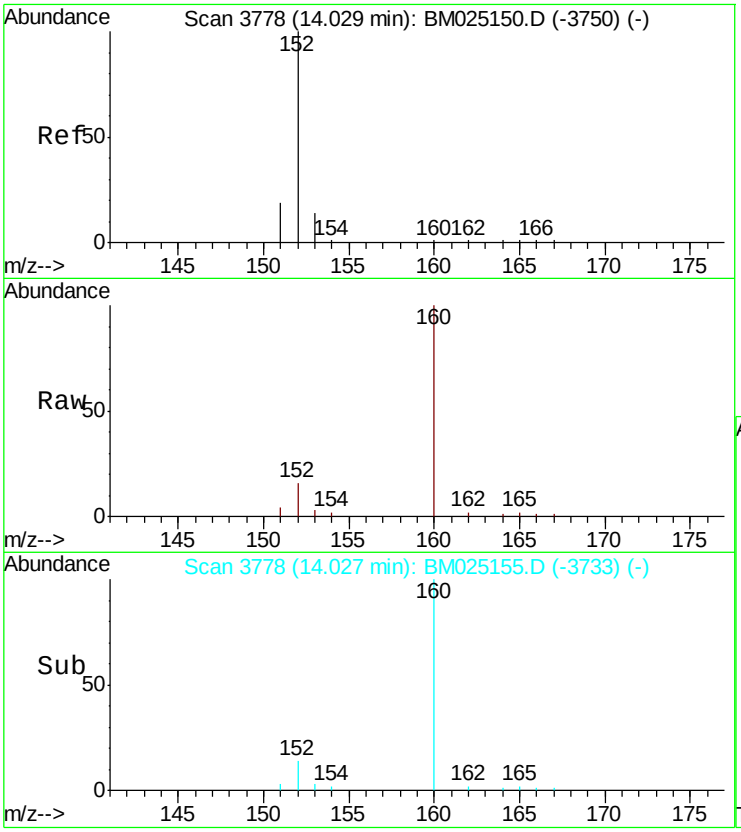
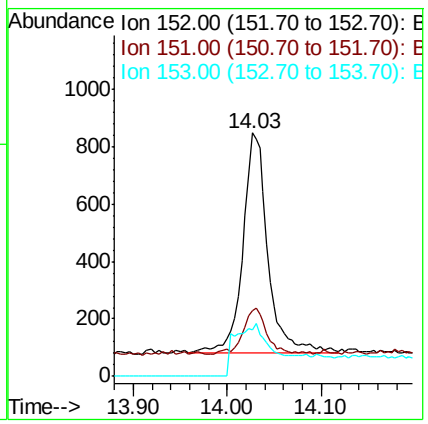




#7
Acenaphthylene
Concen: 0.035 ng/ul
RT: 14.03 min Scan# 3778
Delta R.T. -0.00 min
Lab File: BM025155.D
Acq: 29 Feb 2020 04:56

Tgt Ion:152 Resp: 1447

Ion	Ratio	Lower	Upper
152	100		
151	26.9	17.8	26.8#
153	19.2	13.3	19.9



Instrument :
BNA_M
ClientSampleId :
DBCY5

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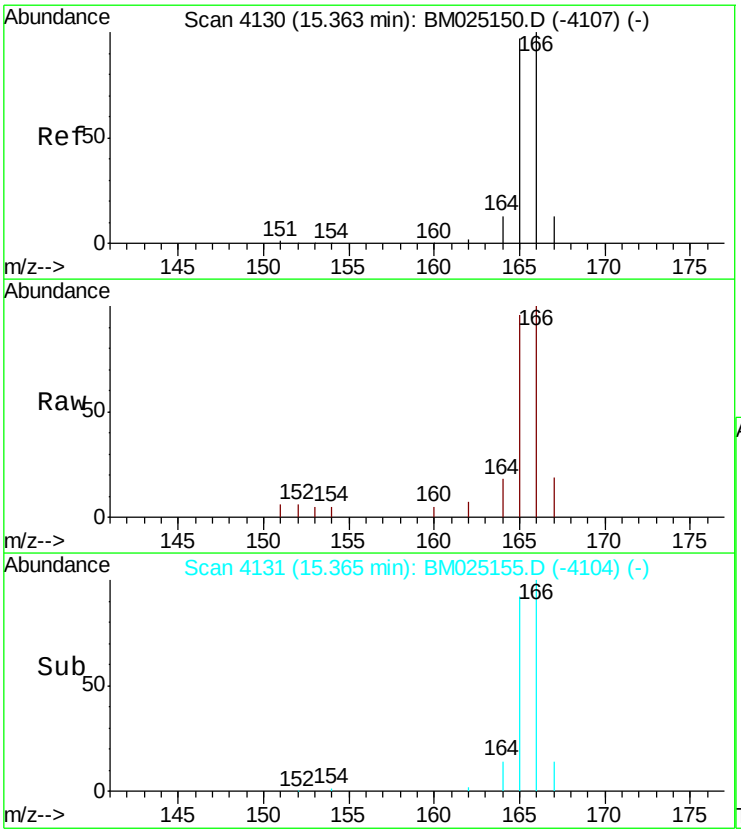
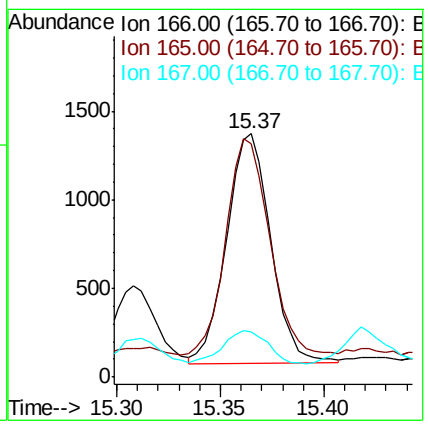
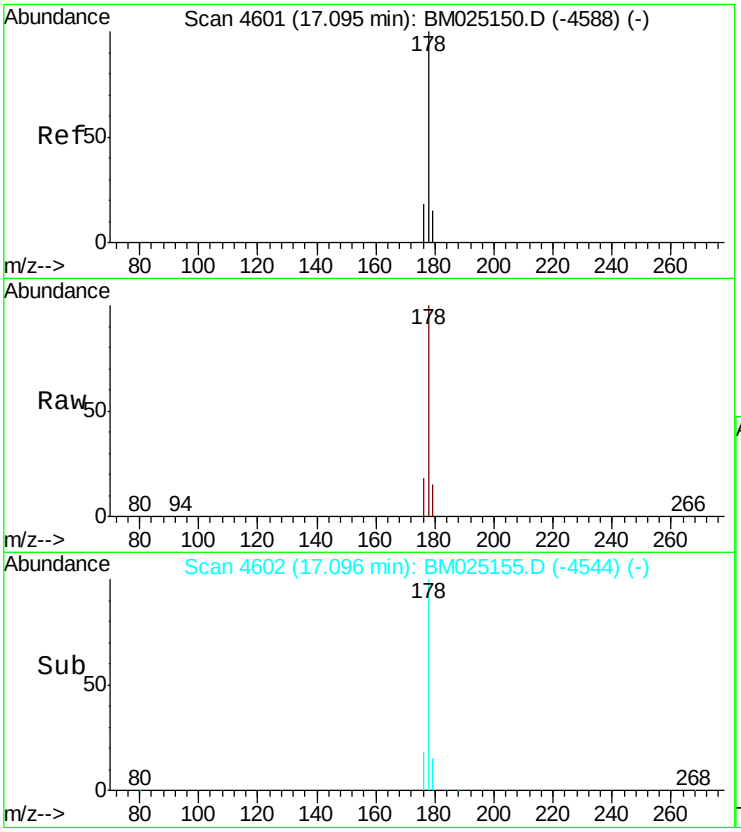


#9
Fluorene
Concen: 0.055 ng/ul
RT: 15.37 min Scan# 4131
Delta R.T. 0.00 min
Lab File: BM025155.D
Acq: 29 Feb 2020 04:56

Tgt Ion:166 Resp: 1922

Ion	Ratio	Lower	Upper
166	100		
165	95.8	80.0	120.0
167	18.7	13.7	20.5

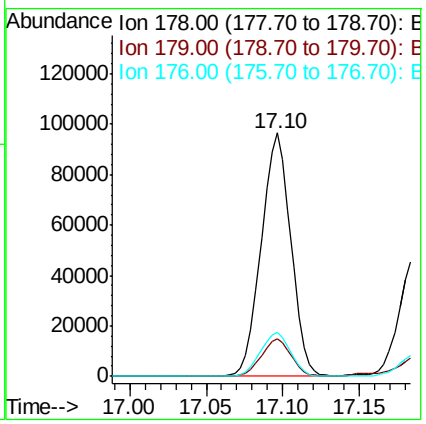




#12
Phenanthrene
Concen: 2.220 ng/ul
RT: 17.10 min Scan# 4602
Delta R.T. 0.00 min
Lab File: BM025155.D
Acq: 29 Feb 2020 04:56

Tgt Ion:178 Resp: 128811

Ion	Ratio	Lower	Upper
178	100		
179	15.2	14.0	21.0
176	18.3	16.6	24.8



Instrument :
BNA_M
ClientSampleId :
DBCY5

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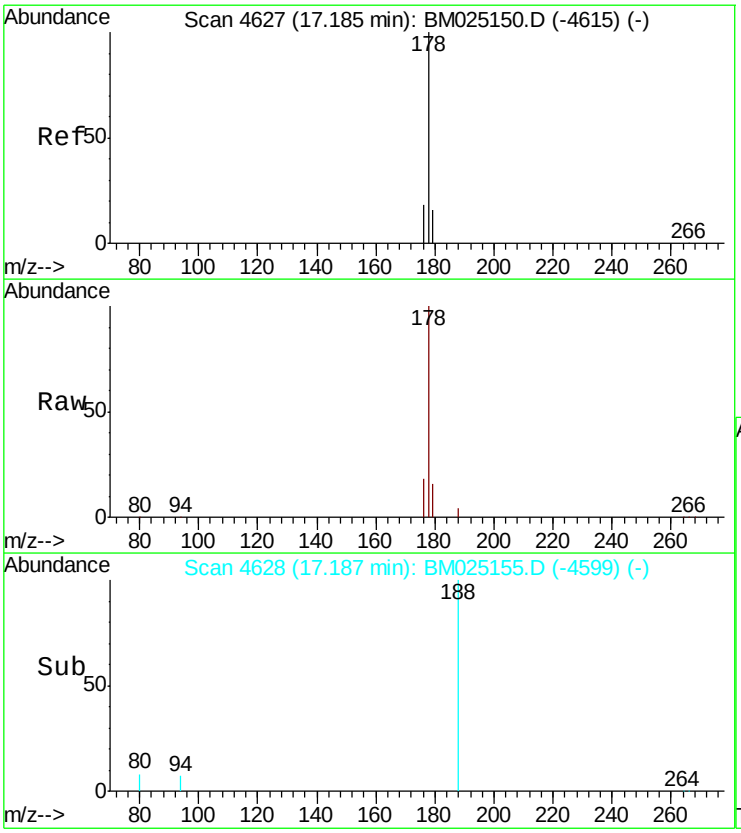
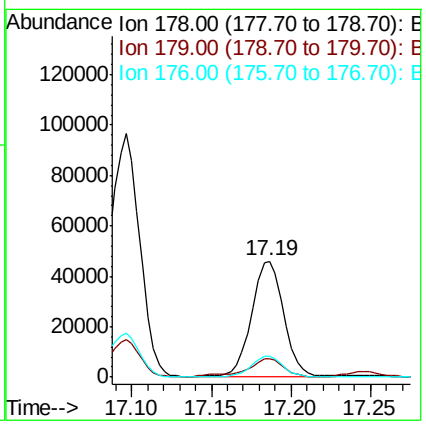
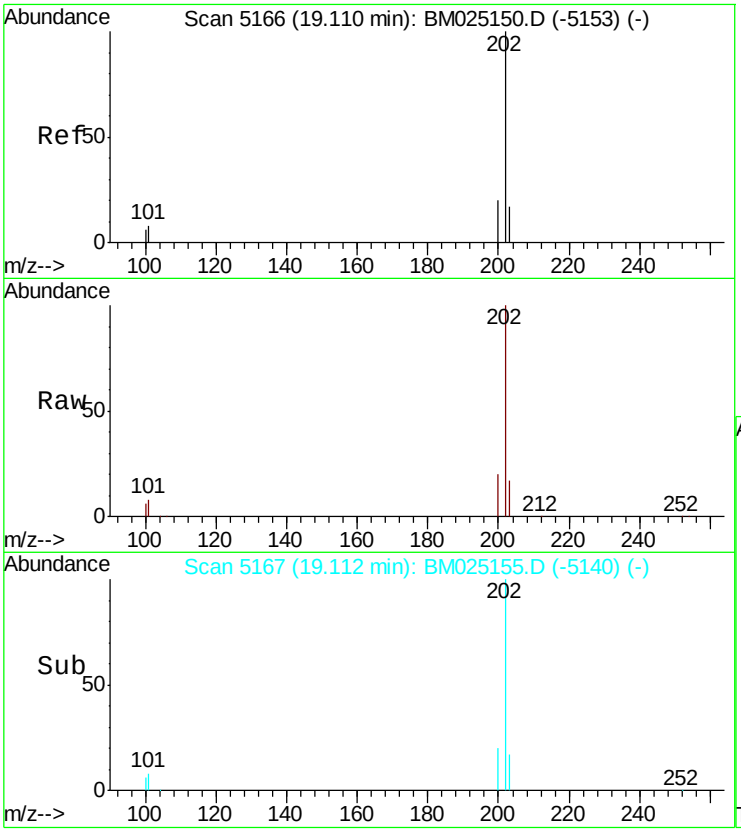


#13
Anthracene
Concen: 1.125 ng/ul
RT: 17.19 min Scan# 4628
Delta R.T. 0.00 min
Lab File: BM025155.D
Acq: 29 Feb 2020 04:56

Tgt Ion:178 Resp: 63264

Ion	Ratio	Lower	Upper
178	100		
179	15.7	14.1	21.1
176	17.6	16.2	24.4





#15
Fluoranthene
Concen: 5.043 ng/ul
RT: 19.11 min Scan# 5167
Delta R.T. 0.00 min
Lab File: BM025155.D
Acq: 29 Feb 2020 04:56

Tgt Ion:202 Resp: 424993

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	29.4
100	6.1	0.0	28.0

Instrument :
BNA_M
ClientSampleId :
DBCY5

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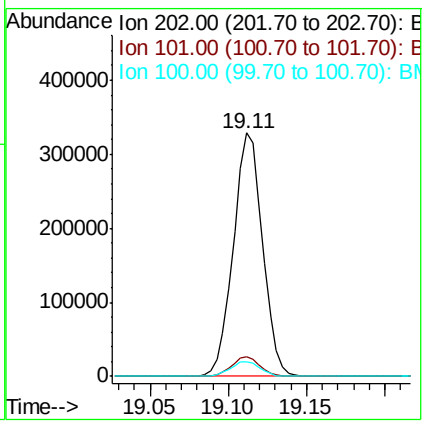
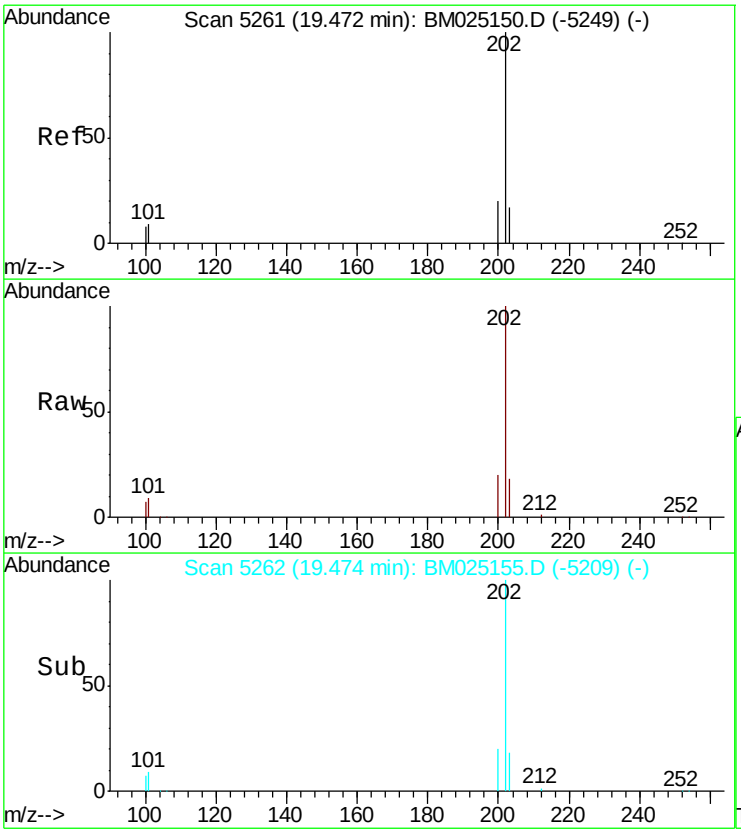
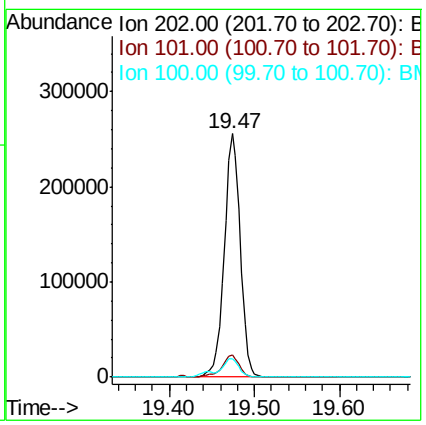


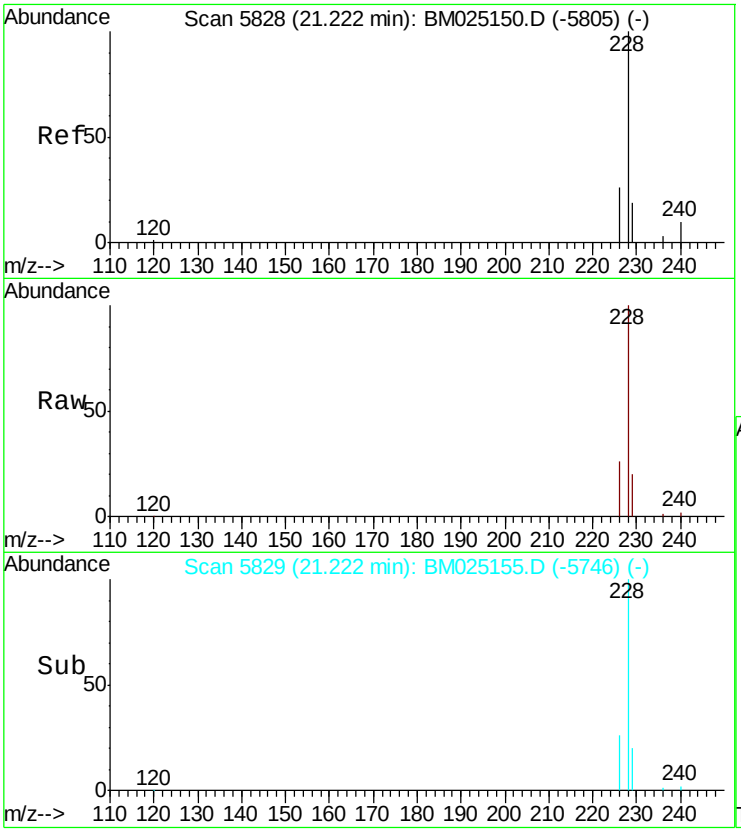


#17
Pyrene
Concen: 4.624 ng/ul
RT: 19.47 min Scan# 5262
Delta R.T. 0.00 min
Lab File: BM025155.D
Acq: 29 Feb 2020 04:56

Tgt Ion:202 Resp: 335287

Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.7	13.1
100	7.4	7.3	10.9

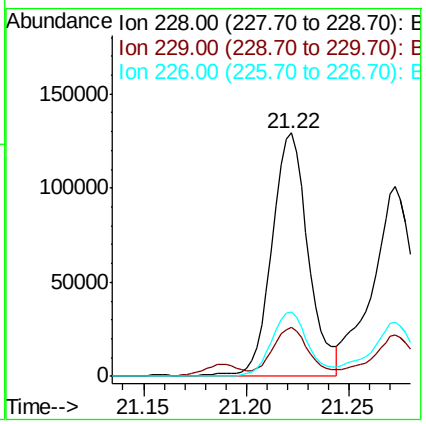




#18
Benzo(a)anthracene
Concen: 2.266 ng/ul
RT: 21.22 min Scan# 5829
Delta R.T. 0.00 min
Lab File: BM025155.D
Acq: 29 Feb 2020 04:56

Tgt Ion:228 Resp: 157452

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.6	25.0
226	26.2	21.9	32.9



Instrument :
BNA_M
ClientSampleId :
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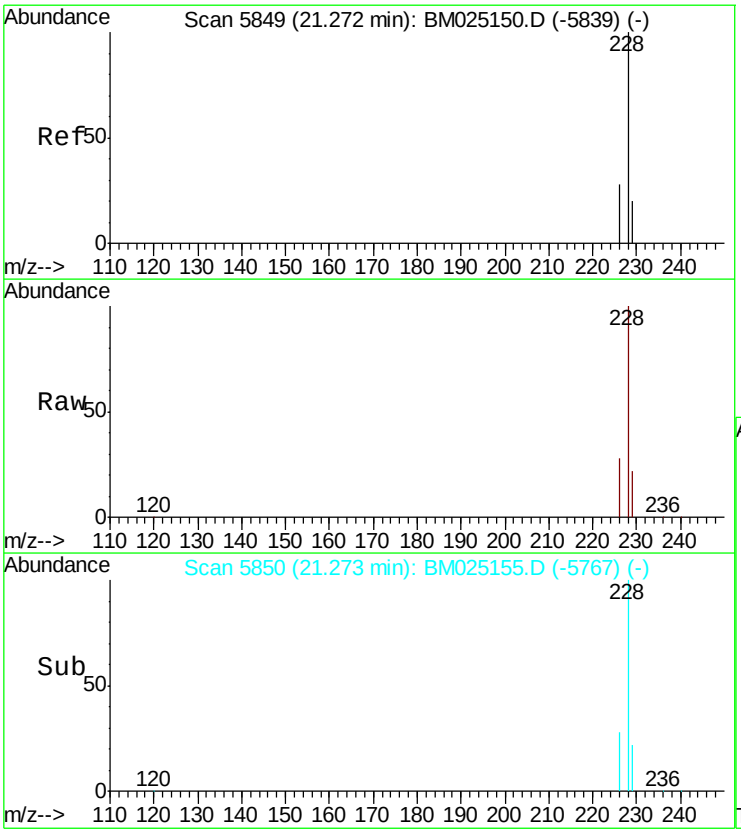
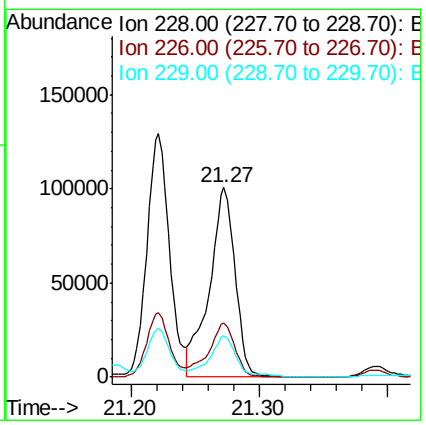
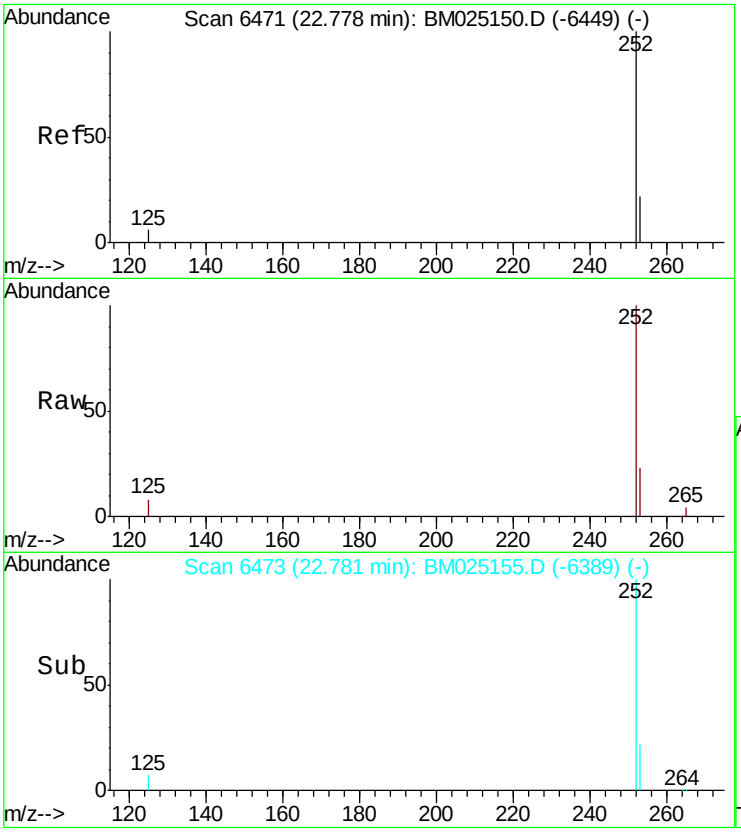


#19
Chrysene
Concen: 2.024 ng/ul
RT: 21.27 min Scan# 5850
Delta R.T. 0.00 min
Lab File: BM025155.D
Acq: 29 Feb 2020 04:56

Tgt Ion:228 Resp: 140037

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.8	35.8
229	21.7	16.9	25.3

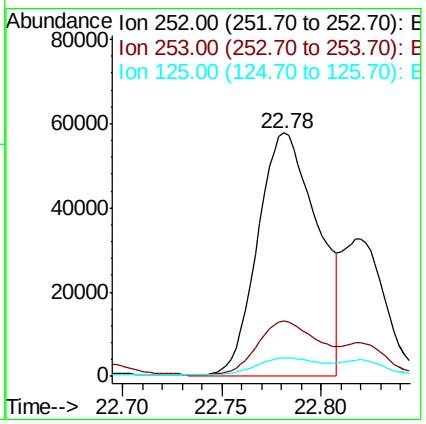




#21
Benzo(b)fluoranthene
Concen: 1.789 ng/ul m
RT: 22.78 min Scan# 6473
Delta R.T. 0.00 min
Lab File: BM025155.D
Acq: 29 Feb 2020 04:56

Tgt Ion:252 Resp: 121994

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	49.8
125	7.6	0.0	28.6



Instrument :
BNA_M
ClientSampleId :
DBCY5

Manual Integrations APPROVED
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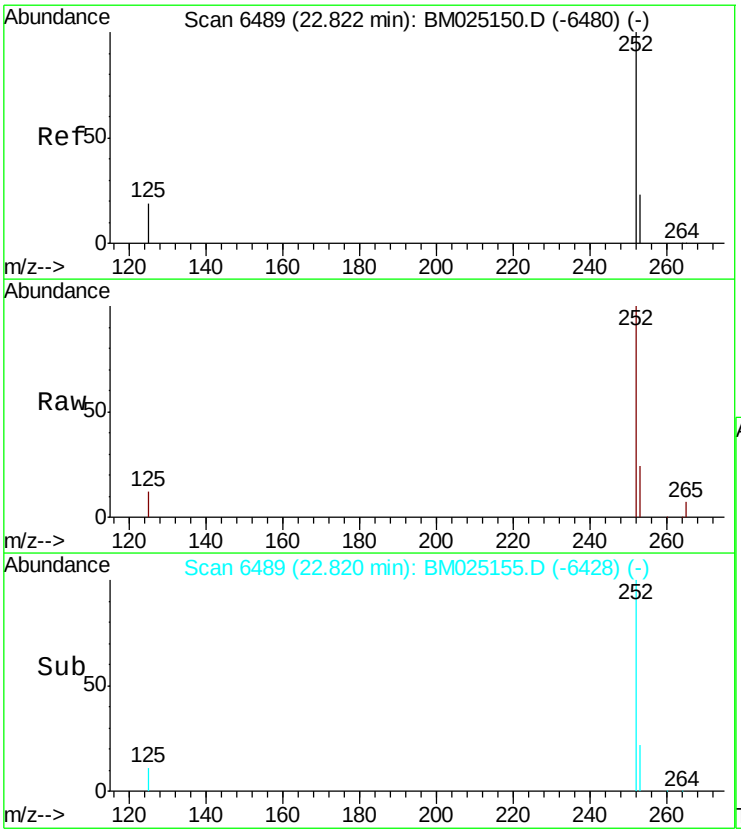
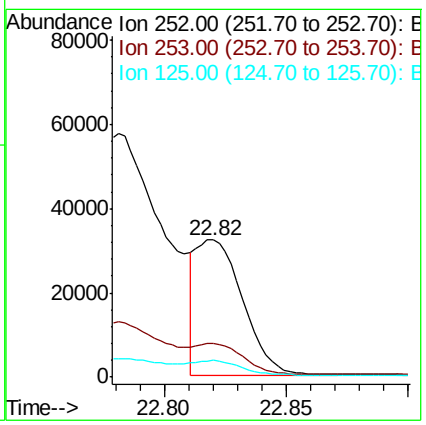
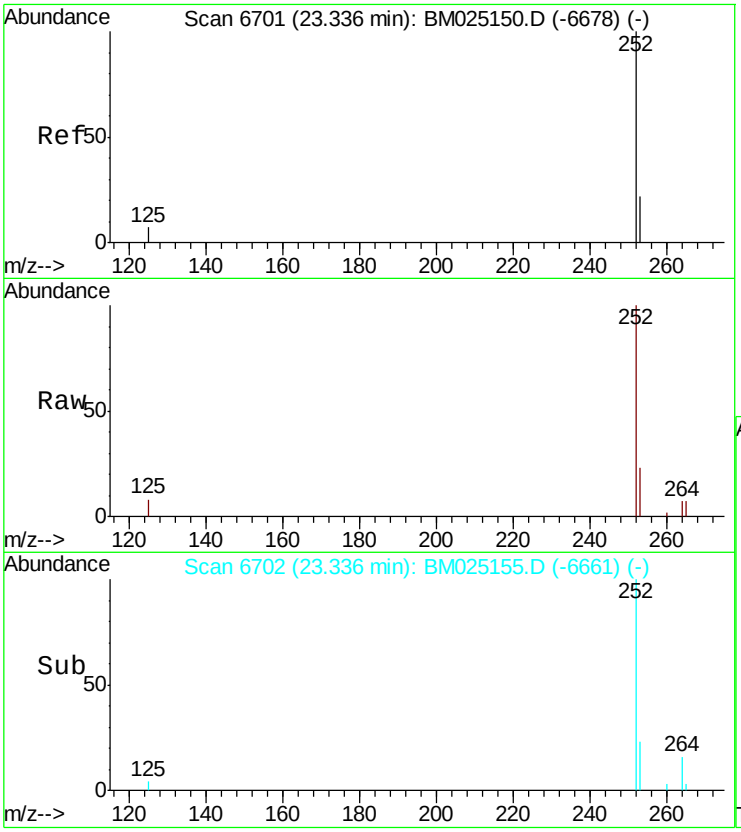


#22
Benzo(k)fluoranthene
Concen: 0.647 ng/ul m
RT: 22.82 min Scan# 6489
Delta R.T. -0.00 min
Lab File: BM025155.D
Acq: 29 Feb 2020 04:56

Tgt Ion:252 Resp: 43706

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.0
125	12.3	10.7	16.1





#23
Benzo(a)pyrene
Concen: 1.097 ng/ul
RT: 23.34 min Scan# 6702
Delta R.T. 0.00 min
Lab File: BM025155.D
Acq: 29 Feb 2020 04:56

Tgt Ion:252 Resp: 68290

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.3	30.5
125	8.5	13.0	19.4#

Instrument :
BNA_M
ClientSampleId :
DBCY5

Manual Integrations APPROVED
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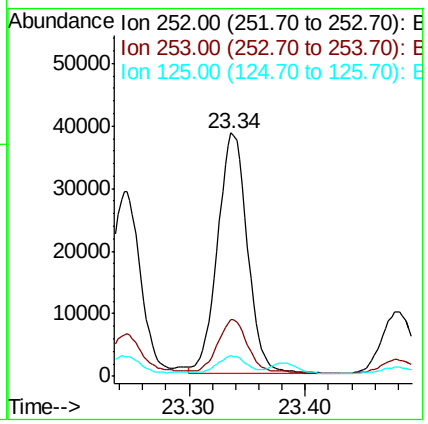
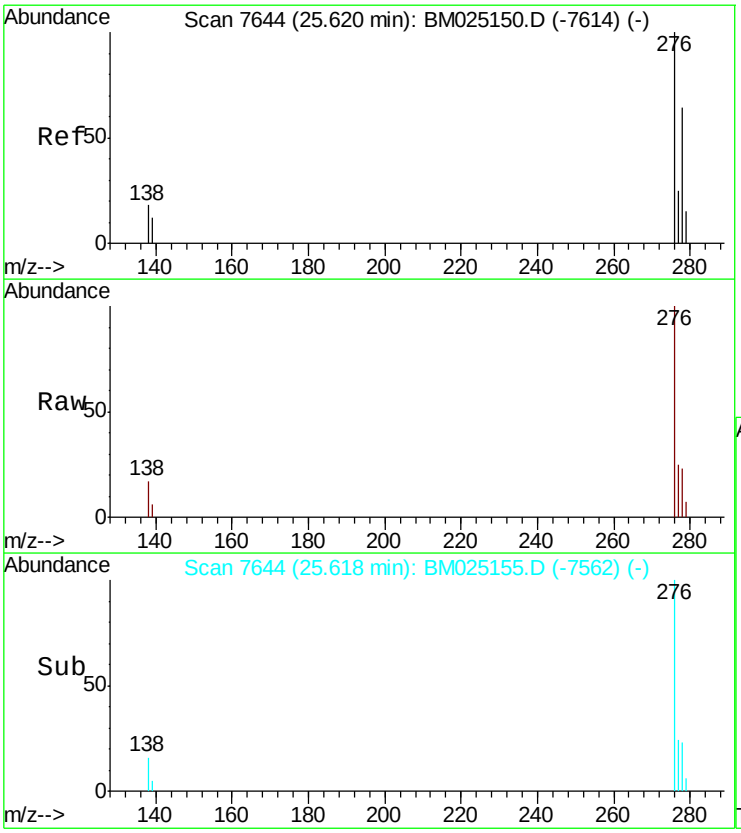
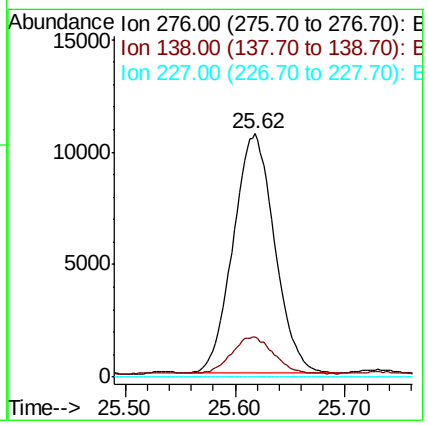


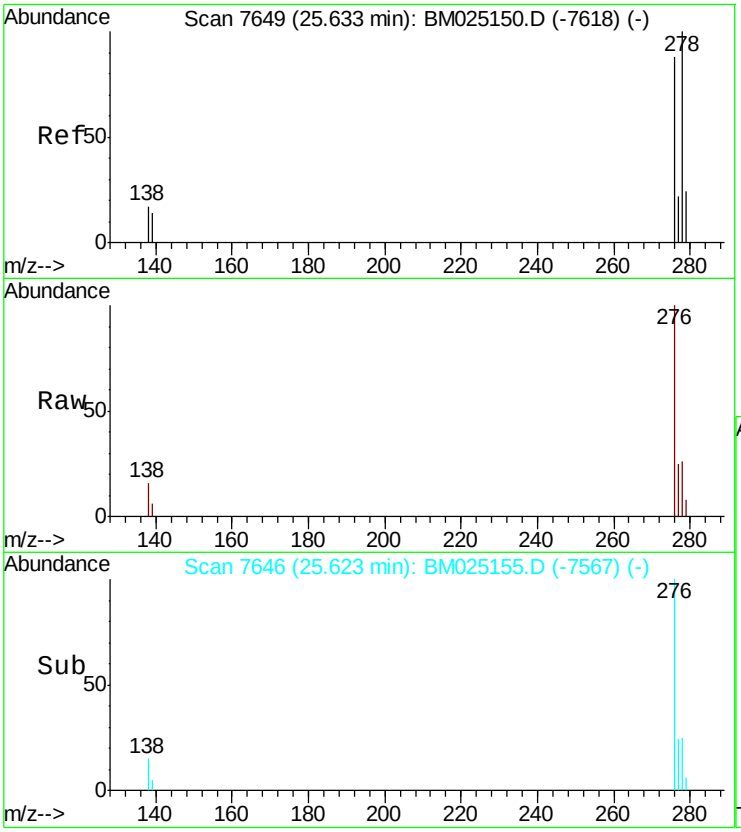


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 25.62 min Scan# 7644
Delta R.T. -0.00 min
Lab File: BM025155.D
Acq: 29 Feb 2020 04:56

Tgt Ion:276 Resp: 27733

Ion	Ratio	Lower	Upper
276	100		
138	15.4	0.0	0.0#
227	0.0	0.0	0.0





#25
Dibenzo(a,h)anthracene
Concen: 0.119 ng/ul
RT: 25.62 min Scan# 7646
Delta R.T. -0.01 min
Lab File: BM025155.D
Acq: 29 Feb 2020 04:56

Tgt Ion:278 Resp: 7825

Ion	Ratio	Lower	Upper
278	100		
139	24.6	13.2	19.8#
279	32.8	21.0	31.4#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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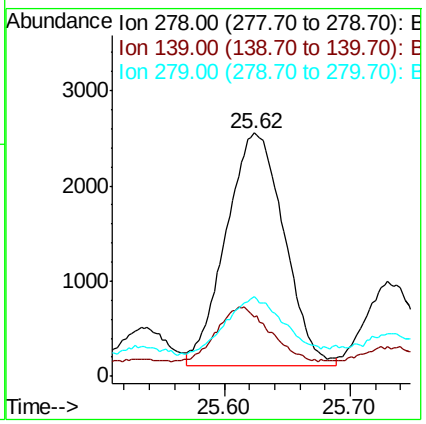

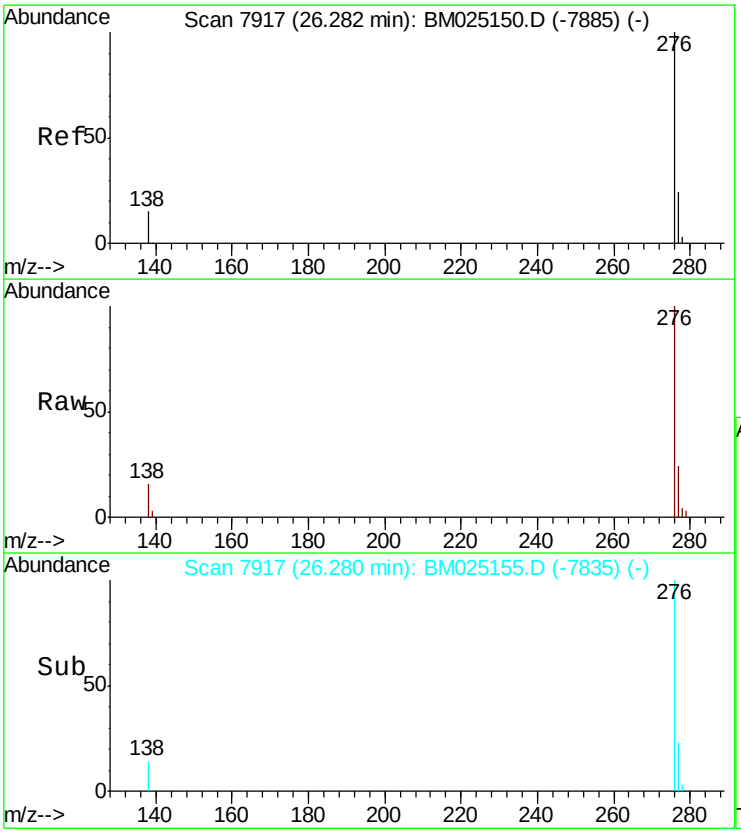

#26
Benzo(g,h,i)perylene
Concen: 0.262 ng/ul
RT: 26.28 min Scan# 7917
Delta R.T. -0.00 min
Lab File: BM025155.D
Acq: 29 Feb 2020 04:56

Tgt Ion:276 Resp: 17231

Ion	Ratio	Lower	Upper
276	100		
138	16.4	17.9	26.9#
277	24.4	20.5	30.7