Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Data File : BM021893.D
Acq On : 07 Aug 2019 13:23
Operator : HP/JU
Sample : K3922-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F0DL

Manual Integrations APPROVED
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8/7/2019 11:52:26 PM

Quant Time: Aug 07 15:16:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	807	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3491	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	1985	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	4446	0.40	ng/ul	-0.01
16) Chrysene-d12	21.24	240	4503	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5899	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	151	0.03	ng/ul	0.01
14) Fluoranthene-d10	19.07	212	428	0.03	ng/ul	-0.01
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	418	0.045	ng/ul#	70
9) Fluorene	15.35	166	240	0.029	ng/ul#	87
12) Phenanthrene	17.08	178	8654	0.669	ng/ul	98
13) Anthracene	17.18	178	770	0.070	ng/ul#	78
15) Fluoranthene	19.10	202	25566	1.475	ng/ul	96
17) Pyrene	19.47	202	21198	1.146	ng/ul	99
18) Benzo(a)anthracene	21.22	228	8573	0.532	ng/ul	97
19) Chrysene	21.28	228	12651	0.611	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	16618m	0.835	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	6655m	0.296	ng/ul	
23) Benzo(a)pyrene	23.36	252	9670	0.478	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.67	276	8313	0.344	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.67	278	1776	0.091	ng/ul#	65
26) Benzo(g,h,i)perylene	26.35	276	8160	0.375	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Data File : BM021893.D
Acq On : 07 Aug 2019 13:23
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Sample : K3922-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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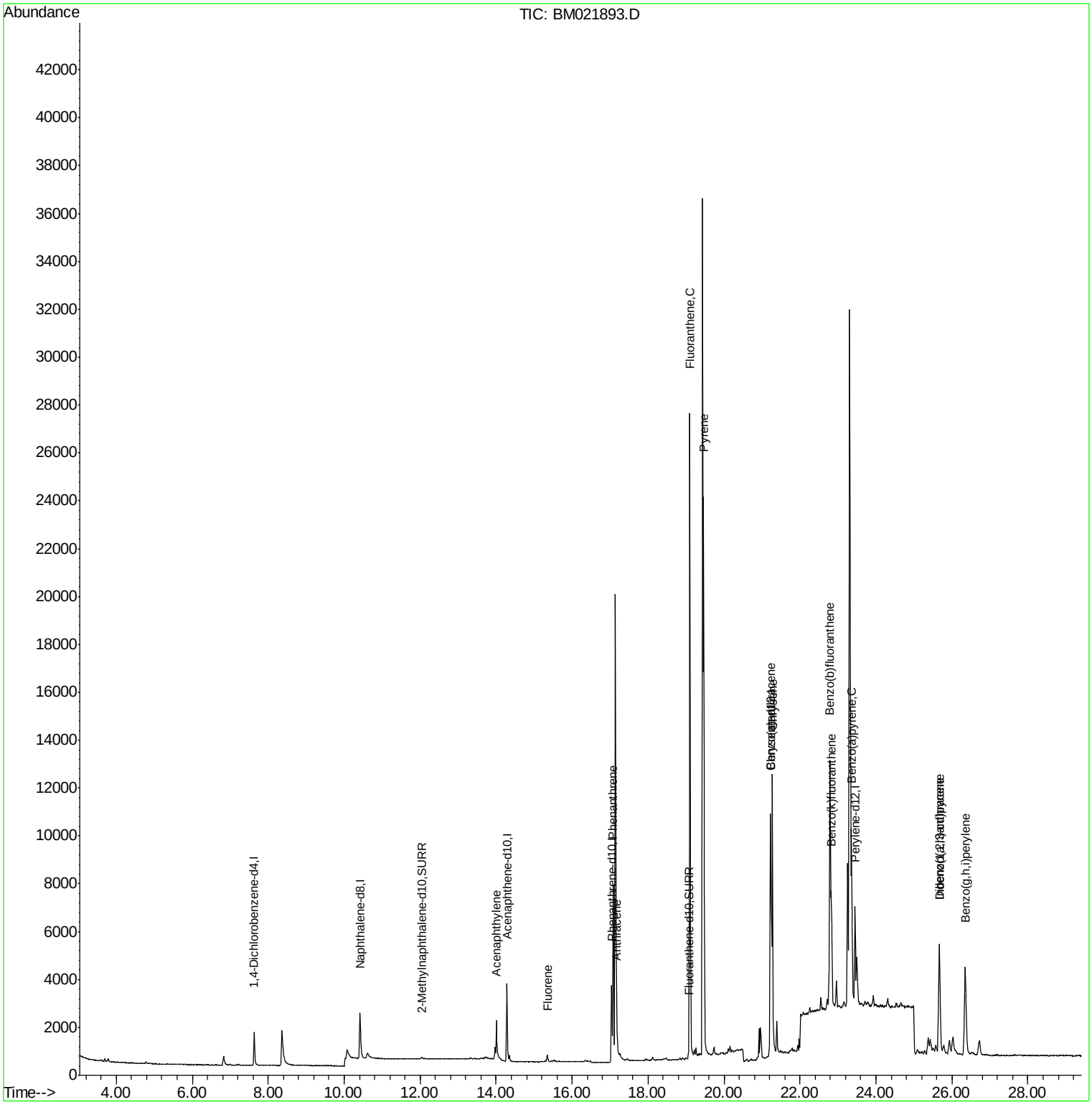
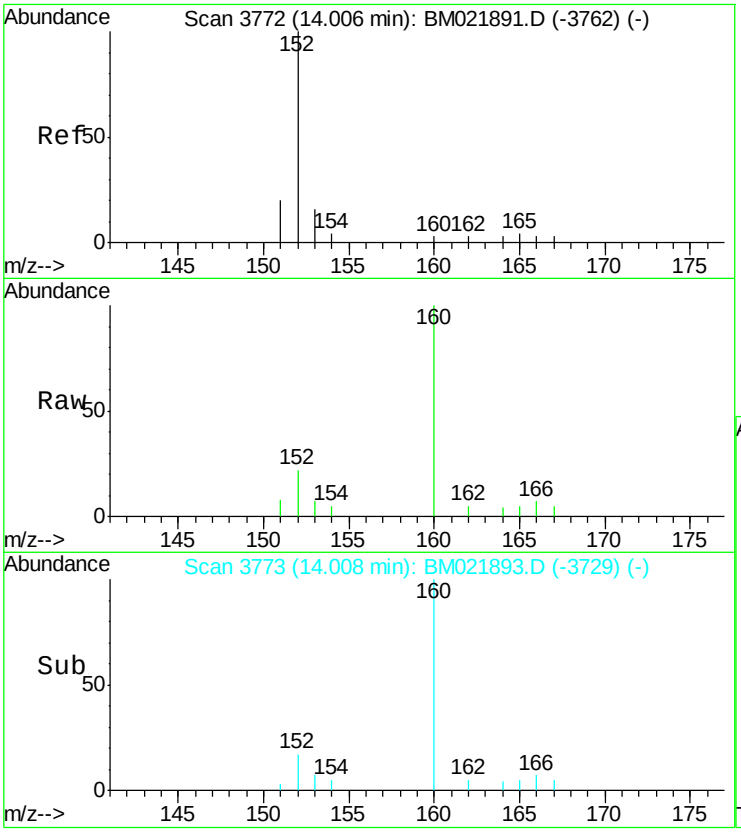
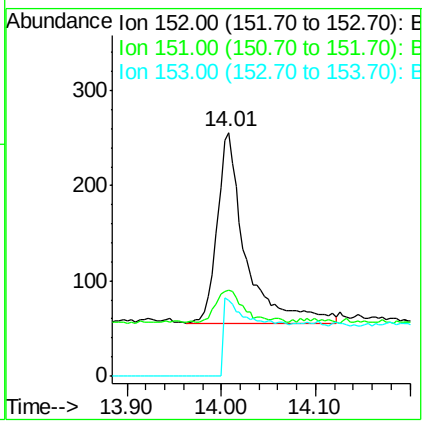




#7
Acenaphthylene
Concen: 0.045 ng/ul
RT: 14.01 min Scan# 3773
Delta R.T. -0.00 min
Lab File: BM021893.D
Acq: 07 Aug 2019 13:23

Tgt Ion:152 Resp: 418

Ion	Ratio	Lower	Upper
152	100		
151	35.2	18.3	27.5#
153	31.3	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
A52F0DL

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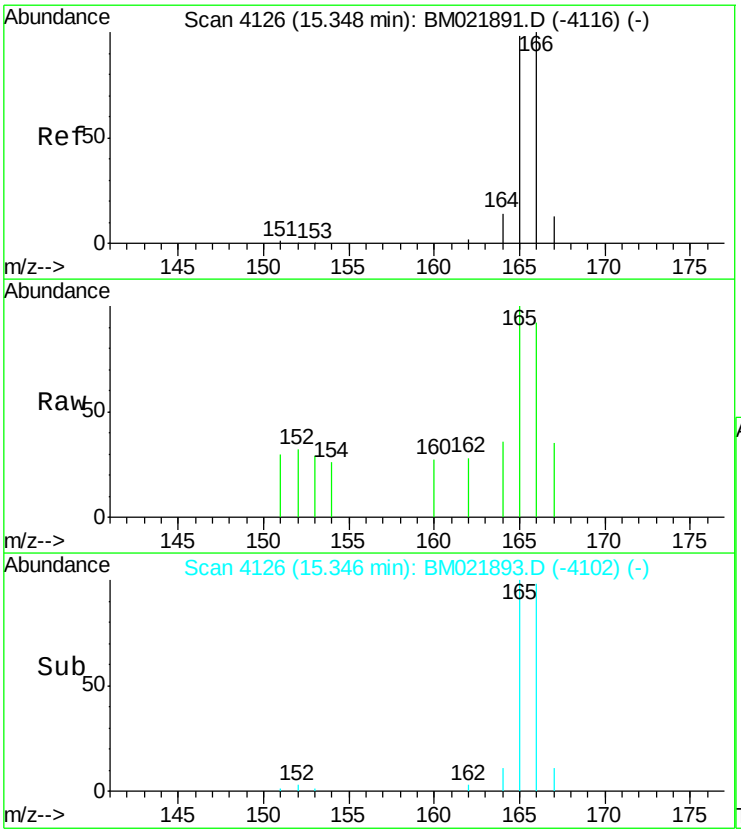
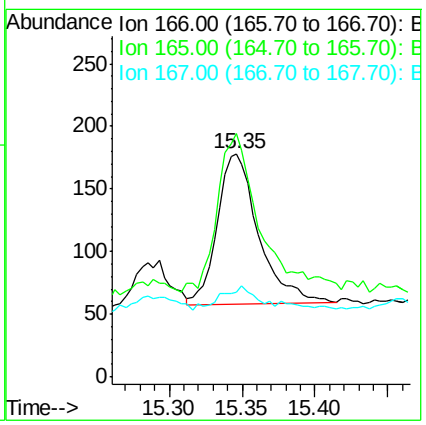
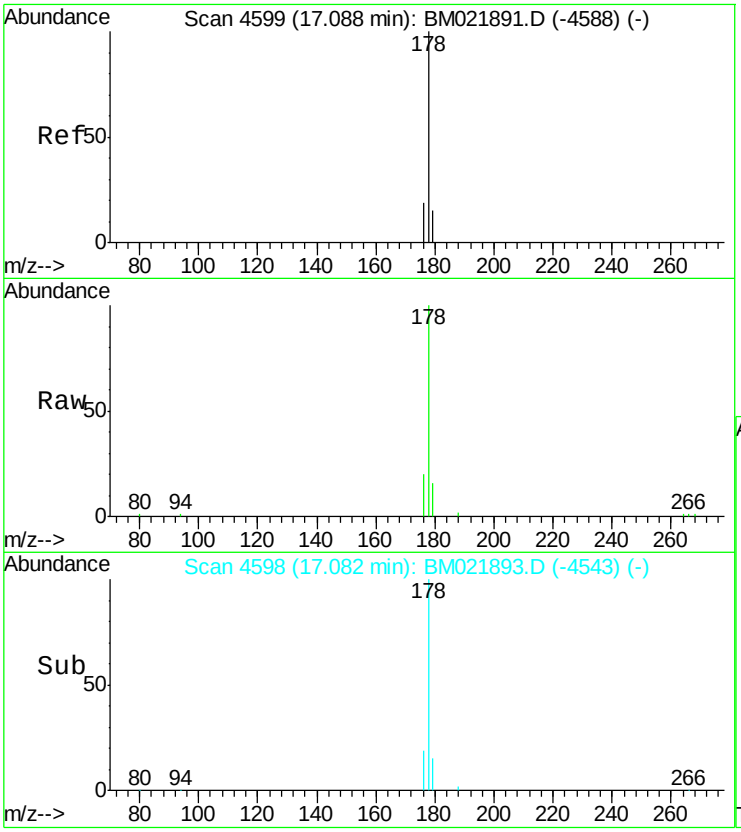


#9
Fluorene
Concen: 0.029 ng/ul
RT: 15.35 min Scan# 4126
Delta R.T. -0.01 min
Lab File: BM021893.D
Acq: 07 Aug 2019 13:23

Tgt Ion:166 Resp: 240

Ion	Ratio	Lower	Upper
166	100		
165	109.0	81.4	122.0
167	38.2	13.7	20.5#





#12
Phenanthrene
Concen: 0.669 ng/ul
RT: 17.08 min Scan# 4598
Delta R.T. -0.01 min
Lab File: BM021893.D
Acq: 07 Aug 2019 13:23

Tgt Ion:178 Resp: 8654

Ion	Ratio	Lower	Upper
178	100		
179	16.5	14.2	21.2
176	20.2	16.8	25.2

Instrument :
BNA_M
ClientSampleId :
A52F0DL

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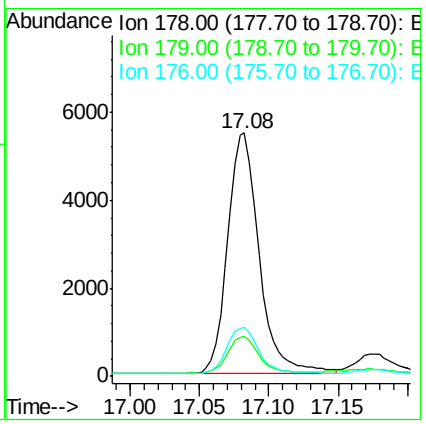
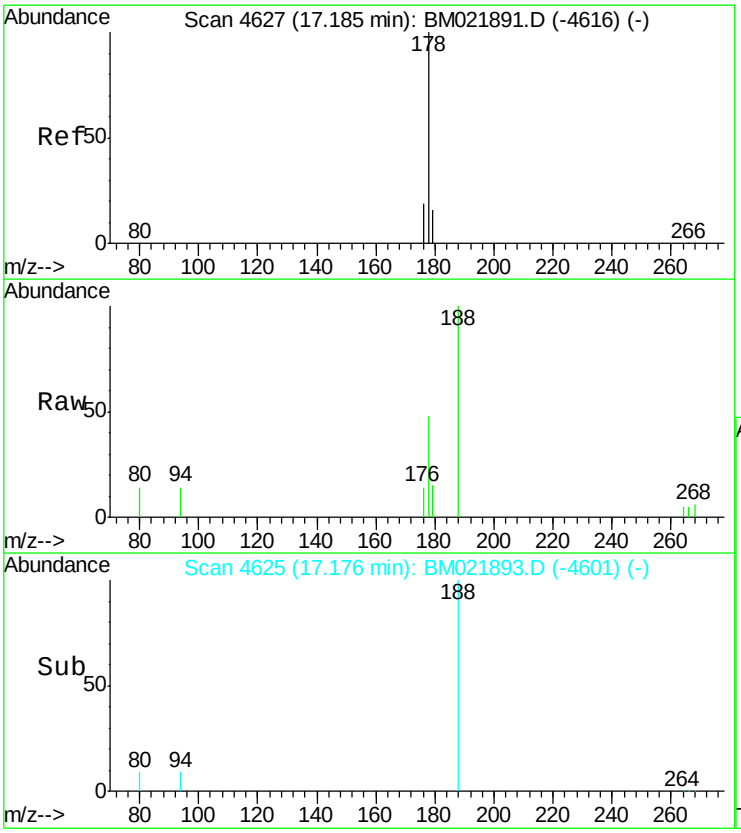
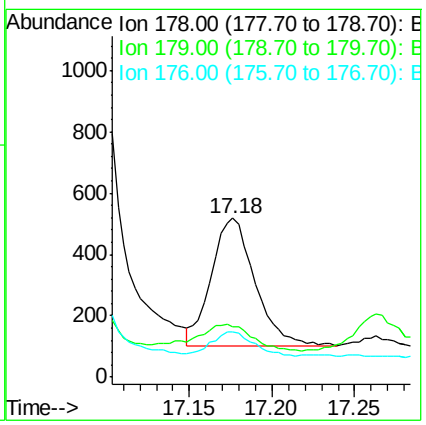


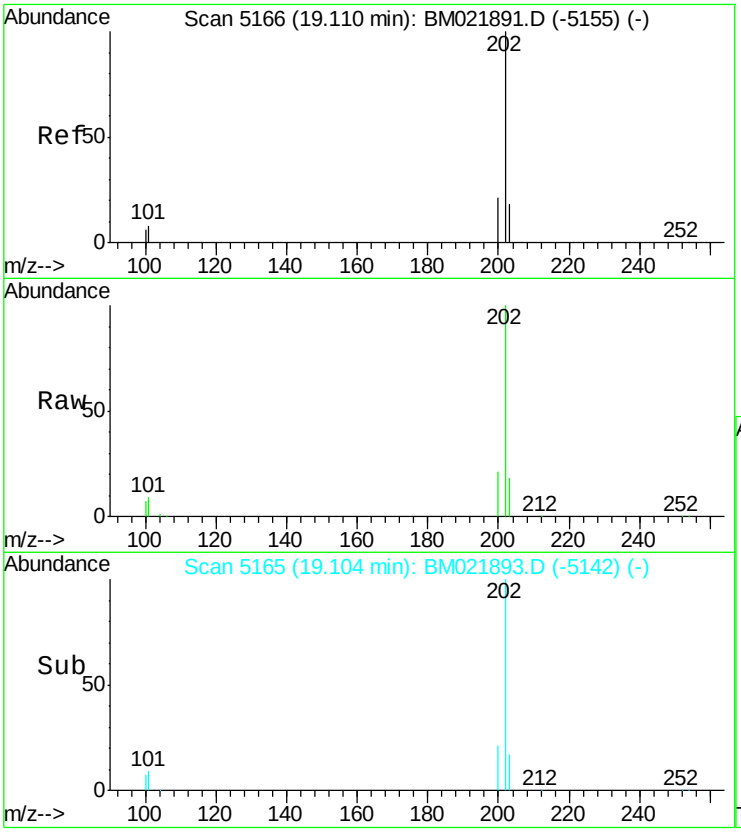


#13
Anthracene
Concen: 0.070 ng/ul
RT: 17.18 min Scan# 4625
Delta R.T. -0.02 min
Lab File: BM021893.D
Acq: 07 Aug 2019 13:23

Tgt Ion:178 Resp: 770

Ion	Ratio	Lower	Upper
178	100		
179	31.7	15.5	23.3#
176	28.4	16.6	25.0#

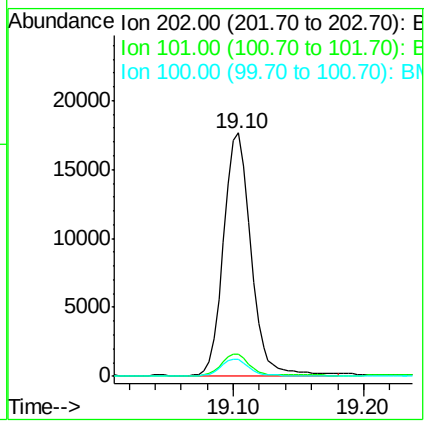




#15
Fluoranthene
Concen: 1.475 ng/ul
RT: 19.10 min Scan# 5165
Delta R.T. -0.01 min
Lab File: BM021893.D
Acq: 07 Aug 2019 13:23

Tgt Ion:202 Resp: 25566

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.2
100	6.8	0.0	28.1



Instrument :
BNA_M
ClientSampleId :
A52F0DL

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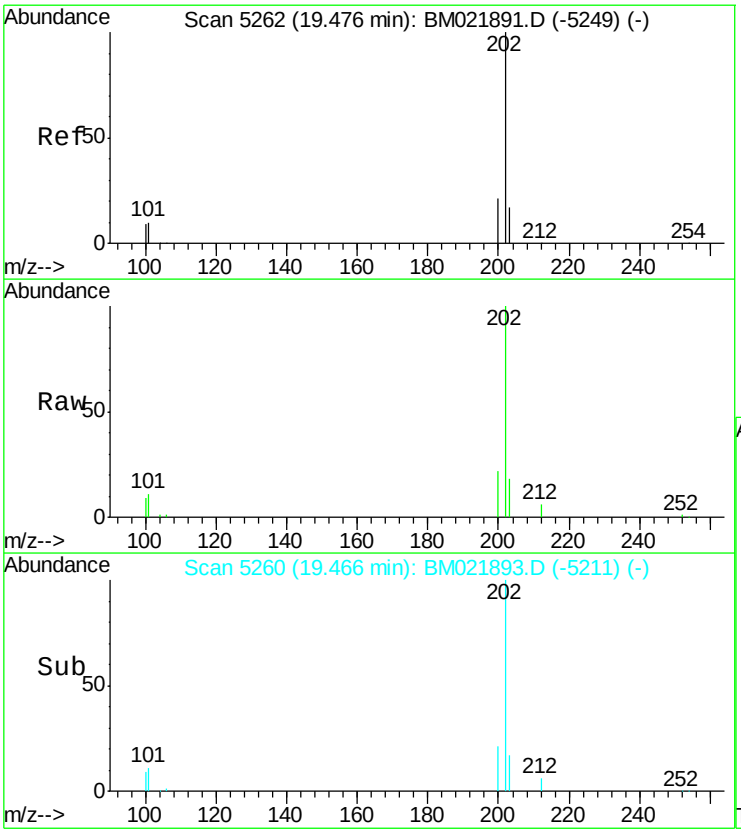
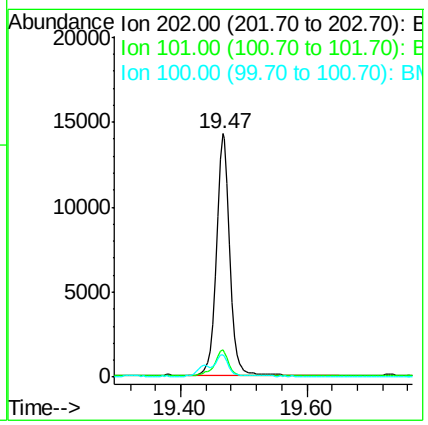
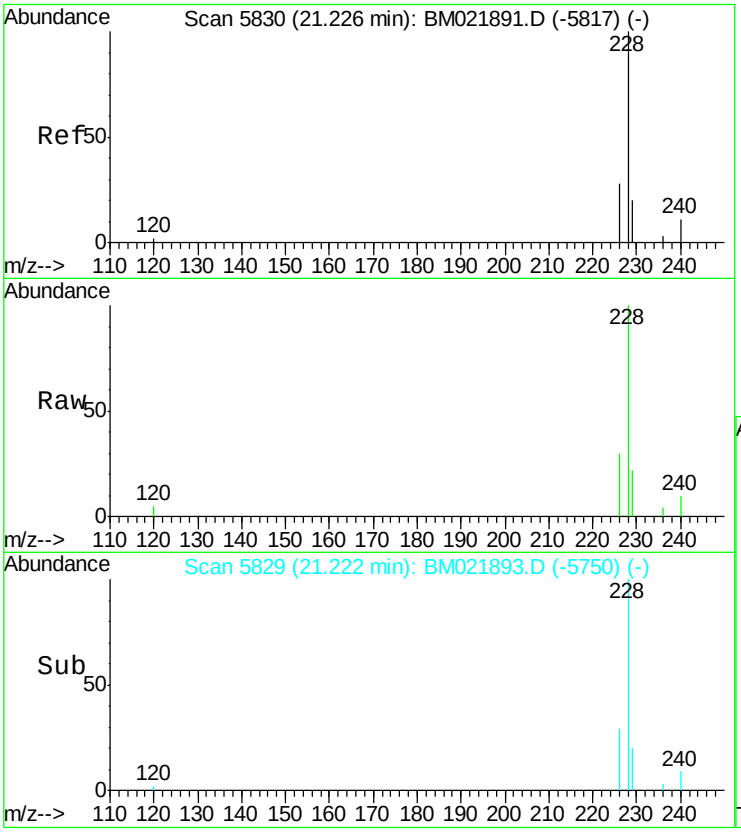


#17
Pyrene
Concen: 1.146 ng/ul
RT: 19.47 min Scan# 5260
Delta R.T. -0.01 min
Lab File: BM021893.D
Acq: 07 Aug 2019 13:23

Tgt Ion:202 Resp: 21198

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.3	12.5
100	9.1	7.2	10.8

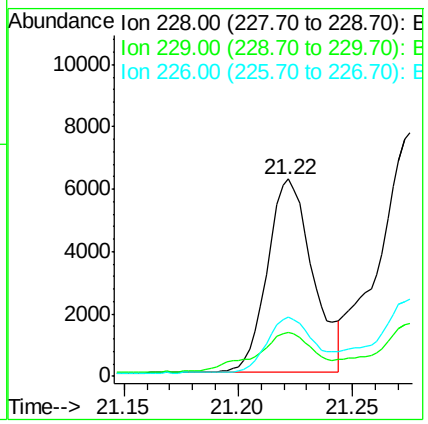




#18
Benzo(a)anthracene
Concen: 0.532 ng/ul
RT: 21.22 min Scan# 5829
Delta R.T. -0.01 min
Lab File: BM021893.D
Acq: 07 Aug 2019 13:23

Tgt Ion:228 Resp: 8573

Ion	Ratio	Lower	Upper
228	100		
229	22.5	17.2	25.8
226	29.9	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
A52F0DL

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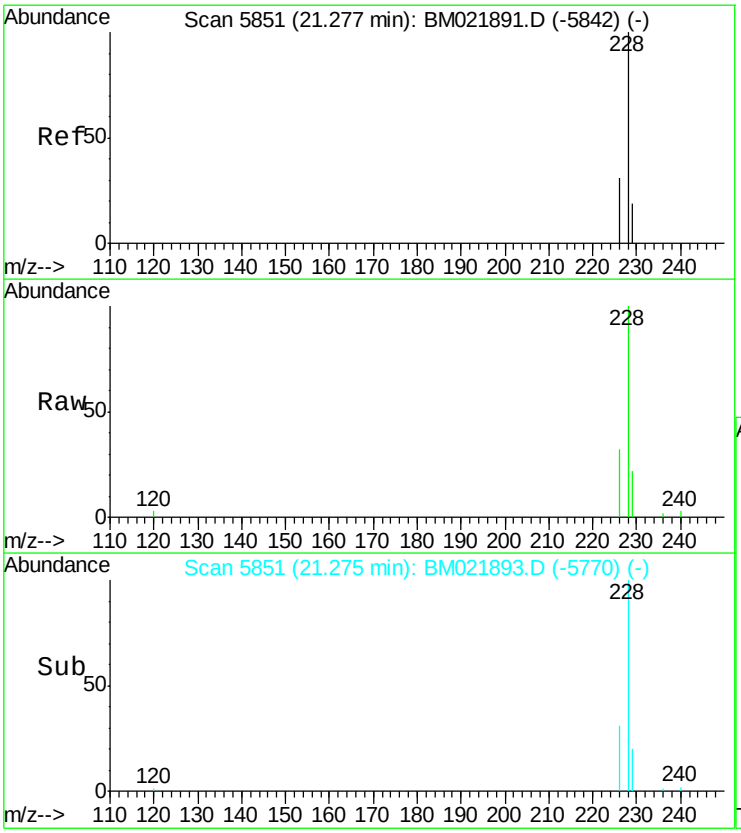
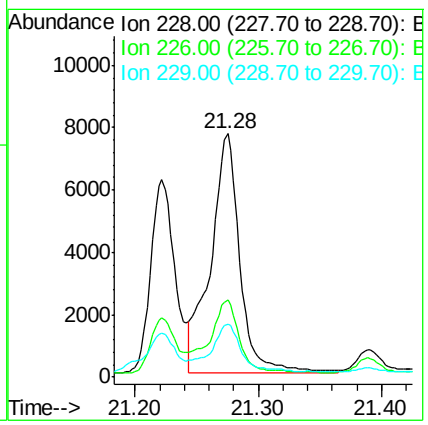
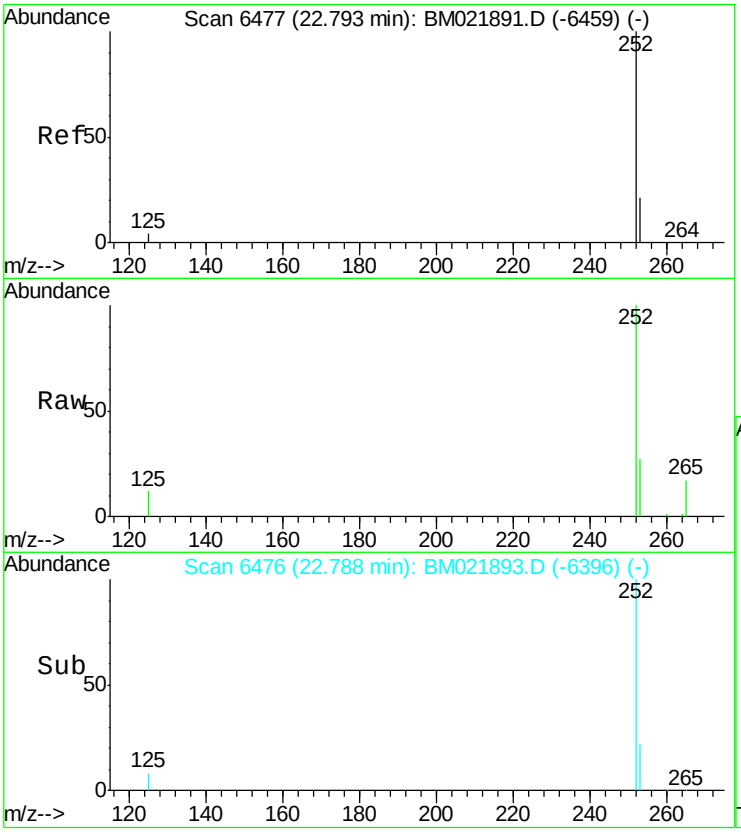


#19
Chrysene
Concen: 0.611 ng/ul
RT: 21.28 min Scan# 5851
Delta R.T. -0.00 min
Lab File: BM021893.D
Acq: 07 Aug 2019 13:23

Tgt Ion:228 Resp: 12651

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	21.8	16.6	25.0

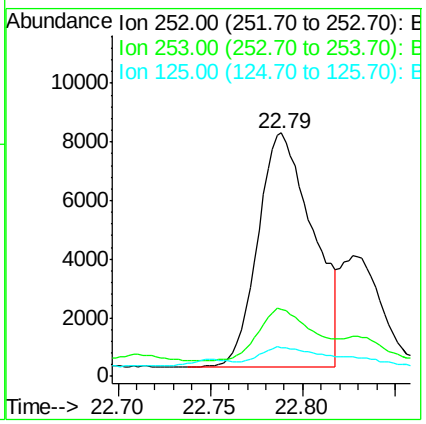




#21
Benzo(b)fluoranthene
Concen: 0.835 ng/ul m
RT: 22.79 min Scan# 6476
Delta R.T. -0.00 min
Lab File: BM021893.D
Acq: 07 Aug 2019 13:23

Tgt Ion:252 Resp: 16618

Ion	Ratio	Lower	Upper
252	100		
253	27.3	0.0	67.4
125	11.8	0.0	31.0



Instrument :
BNA_M
ClientSampleId :
A52F0DL

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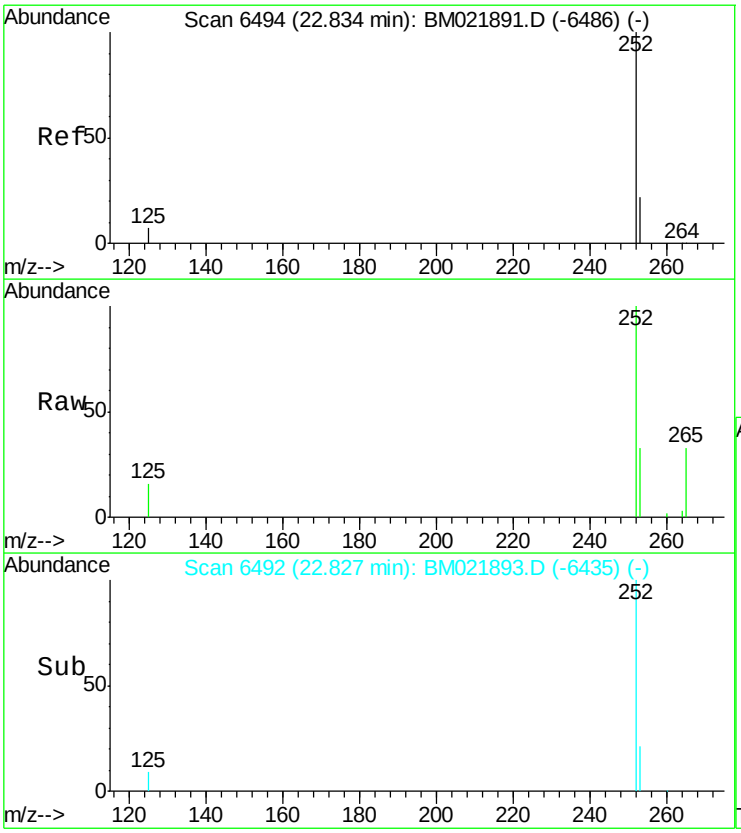
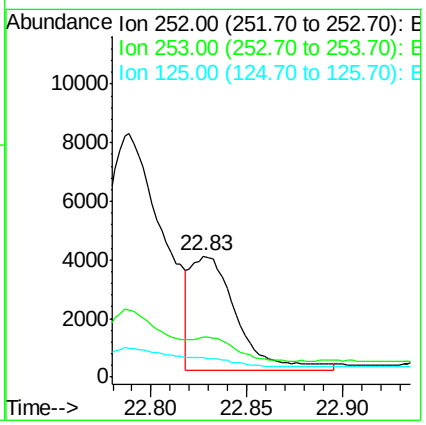
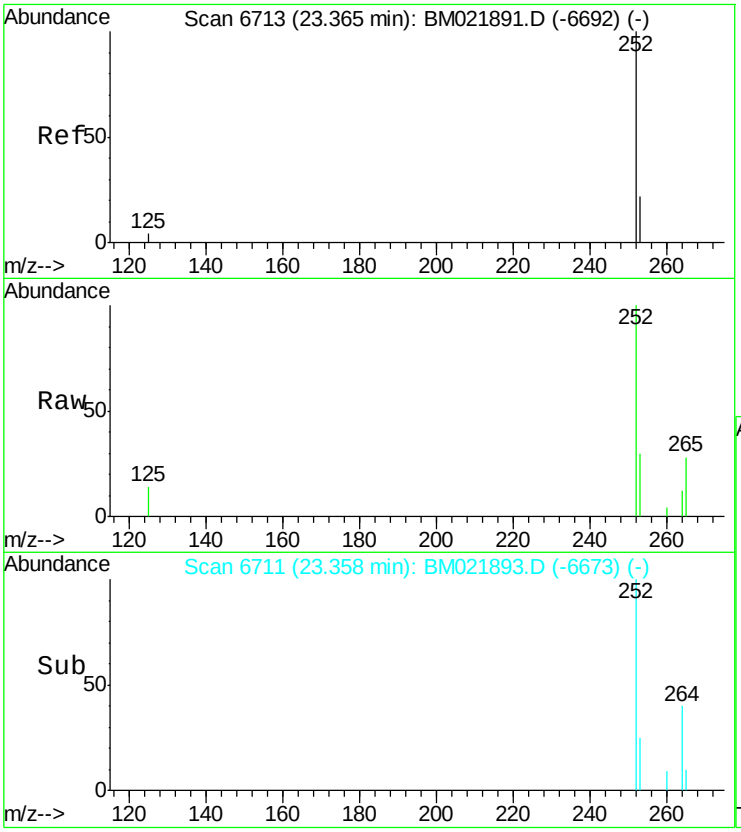


#22
Benzo(k)fluoranthene
Concen: 0.296 ng/ul m
RT: 22.83 min Scan# 6492
Delta R.T. -0.01 min
Lab File: BM021893.D
Acq: 07 Aug 2019 13:23

Tgt Ion:252 Resp: 6655

Ion	Ratio	Lower	Upper
252	100		
253	32.7	27.0	40.4
125	16.2	12.2	18.2





#23
Benzo(a)pyrene
Concen: 0.478 ng/ul
RT: 23.36 min Scan# 6711
Delta R.T. -0.01 min
Lab File: BM021893.D
Acq: 07 Aug 2019 13:23

Tgt Ion:252 Resp: 9670

Ion	Ratio	Lower	Upper
252	100		
253	30.4	31.7	47.5#
125	14.0	14.6	21.8#

Instrument :
BNA_M
ClientSampleId :
A52F0DL

Manual Integrations APPROVED
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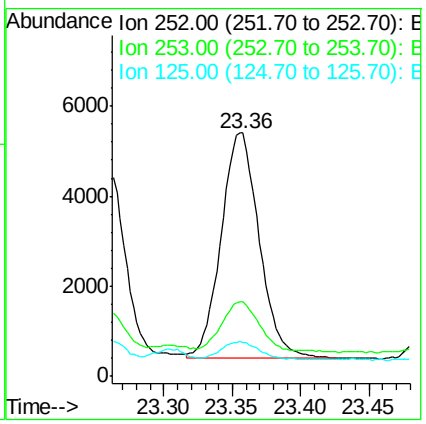
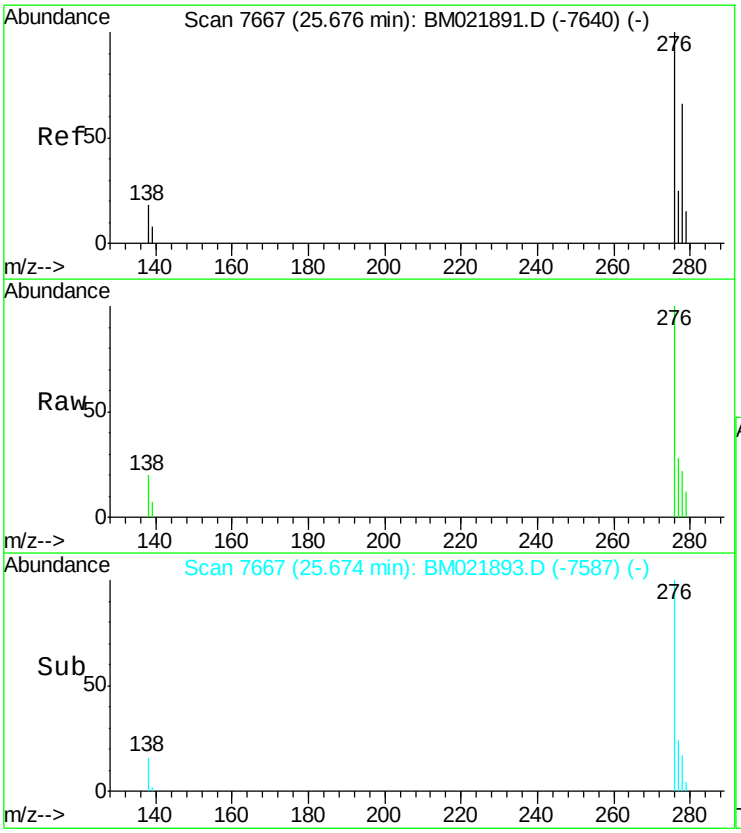
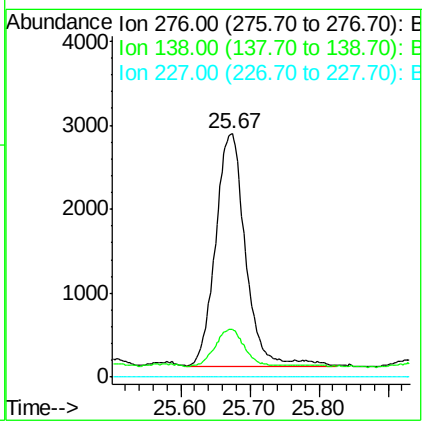


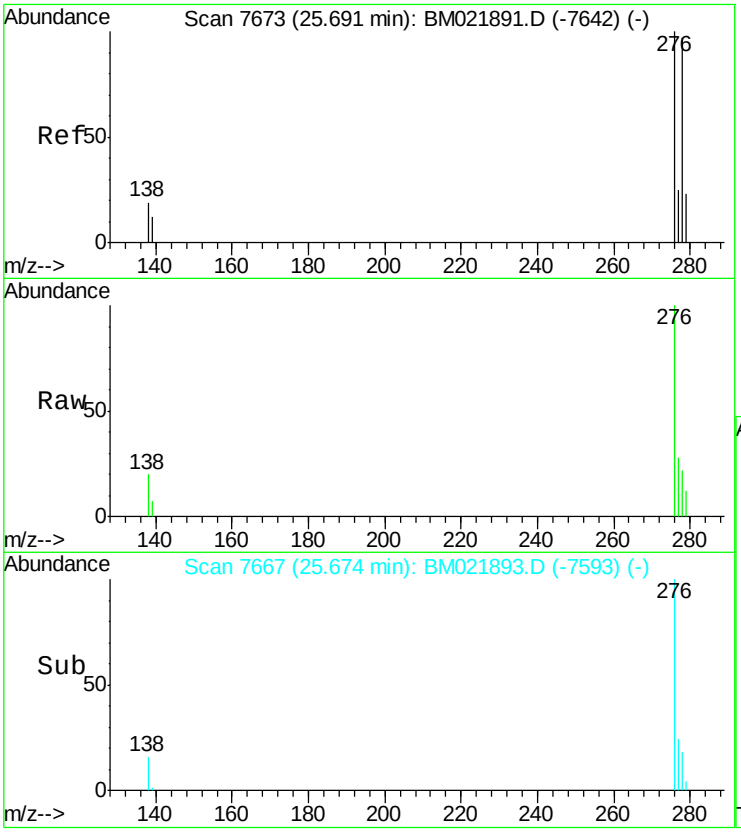


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.344 ng/ul
RT: 25.67 min Scan# 7667
Delta R.T. -0.00 min
Lab File: BM021893.D
Acq: 07 Aug 2019 13:23

Tgt Ion:276 Resp: 8313

Ion	Ratio	Lower	Upper
276	100		
138	15.7	15.1	22.7
227	0.0	0.0	0.0





#25
Dibenzo(a,h)anthracene
Concen: 0.091 ng/ul
RT: 25.67 min Scan# 7667
Delta R.T. -0.02 min
Lab File: BM021893.D
Acq: 07 Aug 2019 13:23

Instrument :
BNA_M
ClientSampleId :
A52F0DL

Manual Integrations APPROVED
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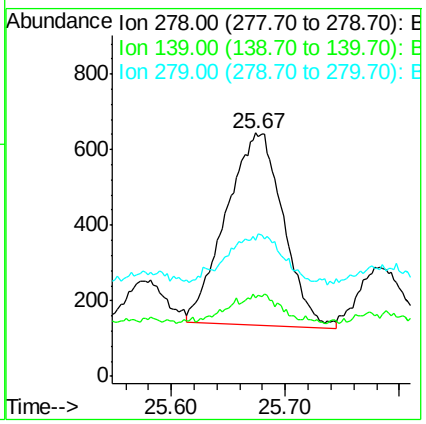
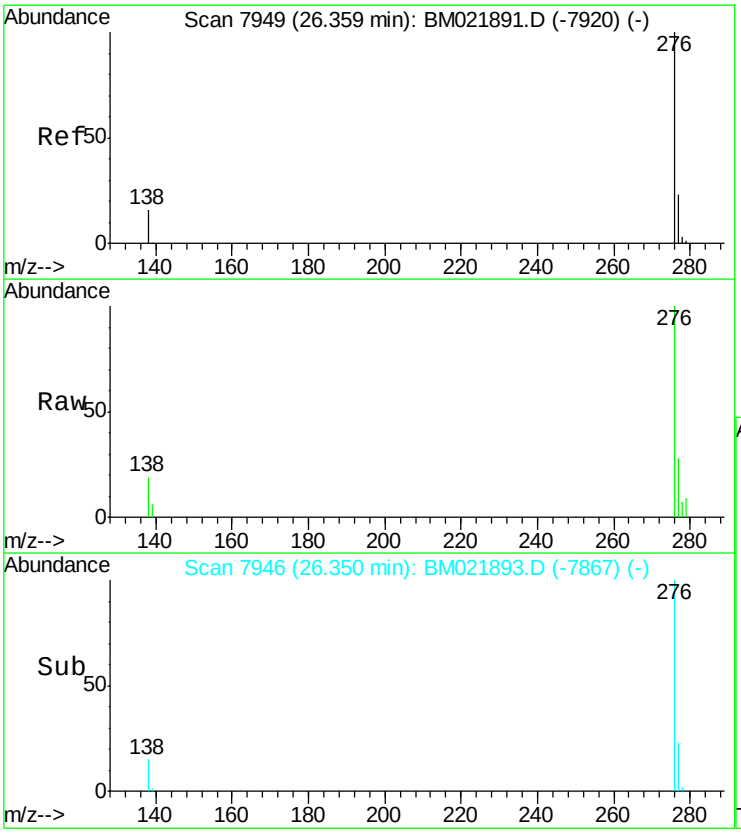
Tgt Ion:278 Resp: 1776

Ion	Ratio	Lower	Upper
278	100		
139	32.1	14.2	21.2#
279	56.2	28.3	42.5#





#26
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 26.35 min Scan# 7946
Delta R.T. -0.01 min
Lab File: BM021893.D
Acq: 07 Aug 2019 13:23

Tgt Ion:276 Resp: 8160

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.5	23.3
277	27.6	21.4	32.2