Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Data File : BM021899.D
Acq On : 07 Aug 2019 17:03
Operator : HP/JU
Sample : K3922-01DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 07 17:53:03 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

Instrument :
BNA_M
ClientSampleId :
A52F0DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	804	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	3653	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	2053	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	4601	0.40	ng/ul	-0.01
16) Chrysene-d12	21.24	240	4693	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	5943	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	105	0.02	ng/ul	0.02
14) Fluoranthene-d10	19.08	212	334	0.02	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	406	0.042	ng/ul#	69
9) Fluorene	15.35	166	228	0.026	ng/ul#	91
12) Phenanthrene	17.08	178	6591	0.492	ng/ul	99
13) Anthracene	17.17	178	589	0.052	ng/ul#	72
15) Fluoranthene	19.10	202	19541	1.090	ng/ul	98
17) Pyrene	19.47	202	16097	0.835	ng/ul	99
18) Benzo(a)anthracene	21.23	228	6500	0.387	ng/ul	94
19) Chrysene	21.28	228	9704	0.449	ng/ul	96
21) Benzo(b)fluoranthene	22.79	252	12056m	0.602	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	5276m	0.233	ng/ul	
23) Benzo(a)pyrene	23.36	252	7337	0.360	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.67	276	6075	0.250	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.68	278	1363	0.069	ng/ul#	45
26) Benzo(g,h,i)perylene	26.36	276	6173	0.282	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Data File : BM021899.D
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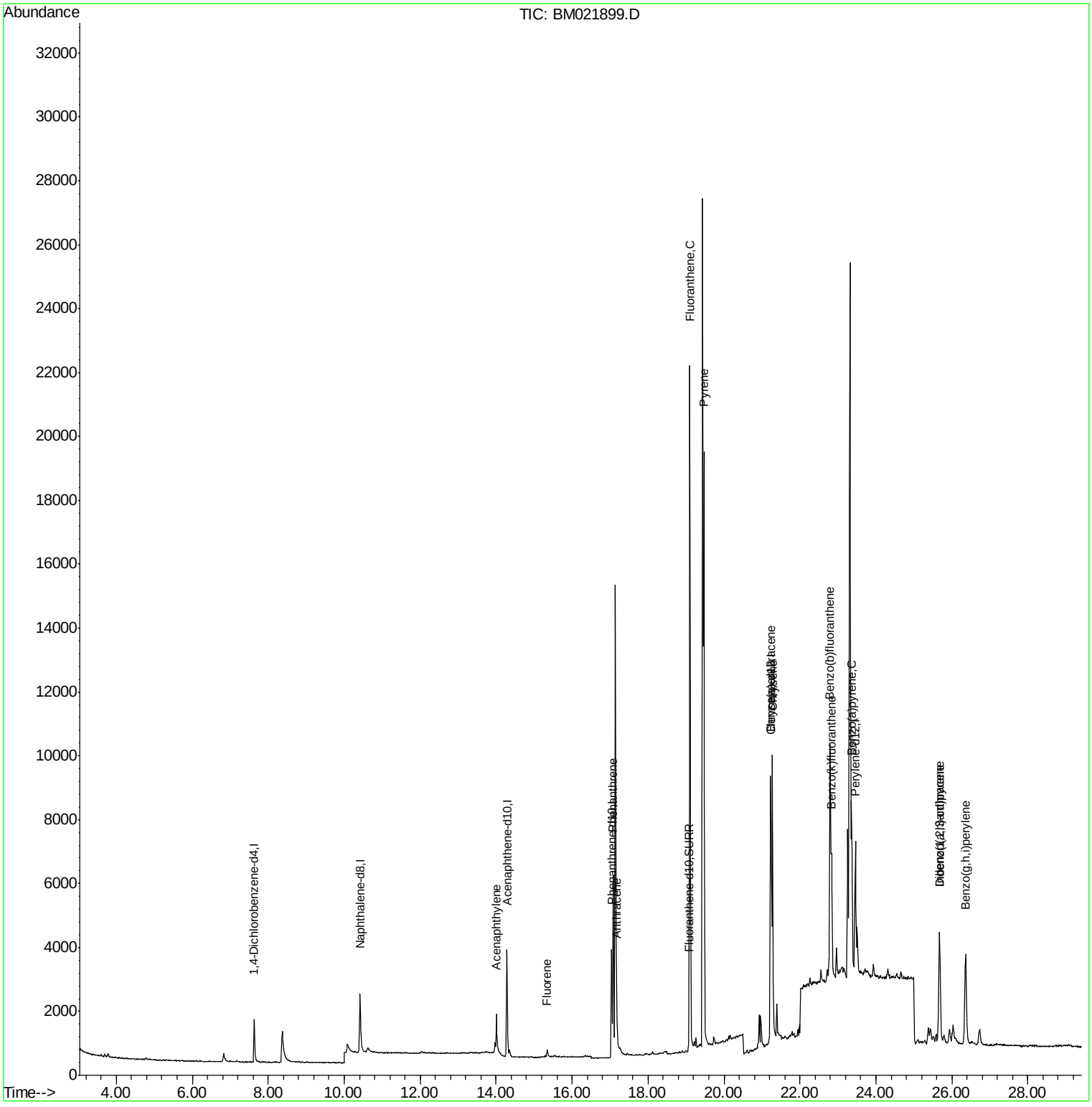

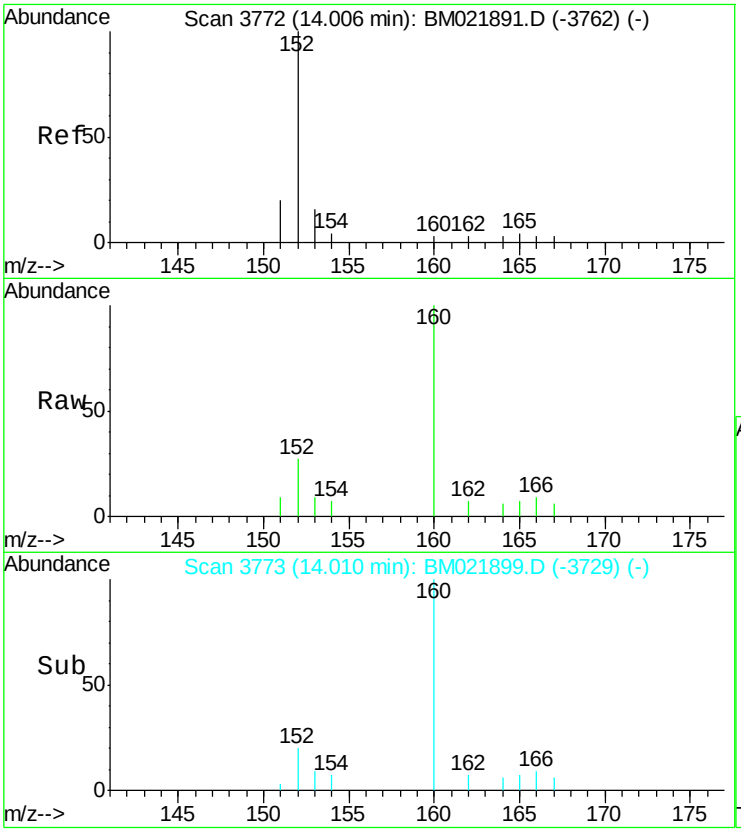

#7
Acenaphthylene
Concen: 0.042 ng/ul
RT: 14.01 min Scan# 3773
Delta R.T. -0.00 min
Lab File: BM021899.D
Acq: 07 Aug 2019 17:03

Tgt Ion:152 Resp: 406

Ion	Ratio	Lower	Upper
152	100		
151	35.3	18.3	27.5#
153	32.8	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
A52F0DL

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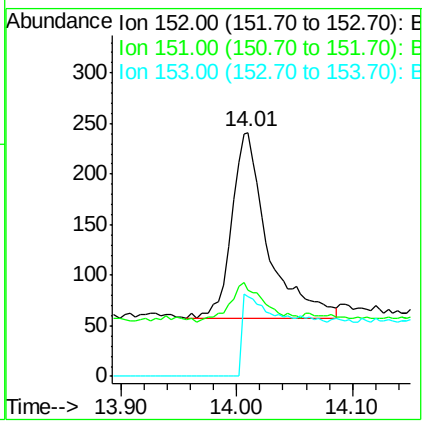
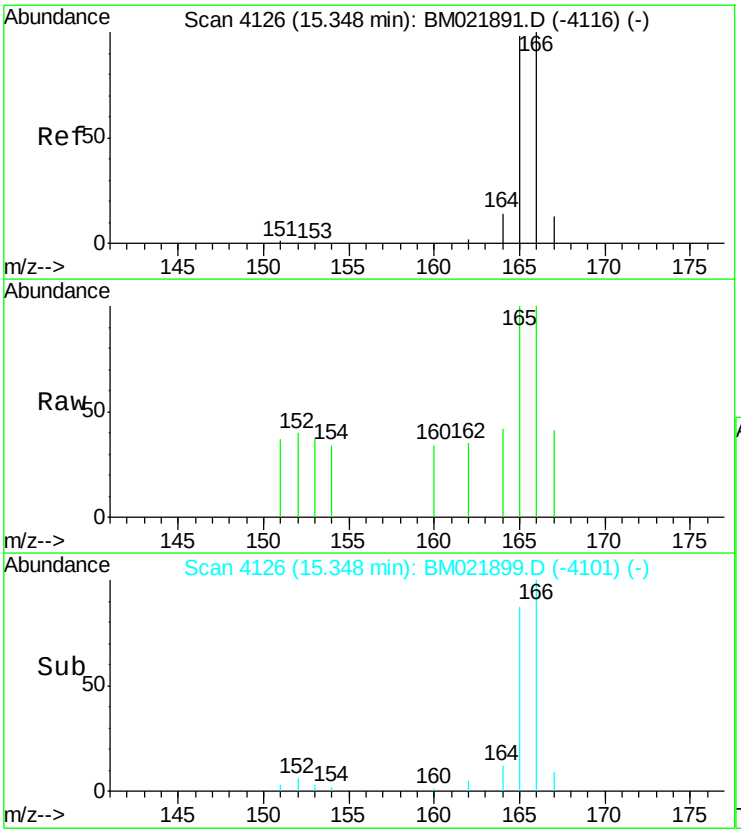
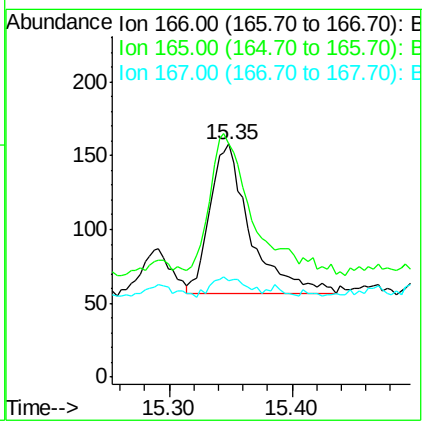


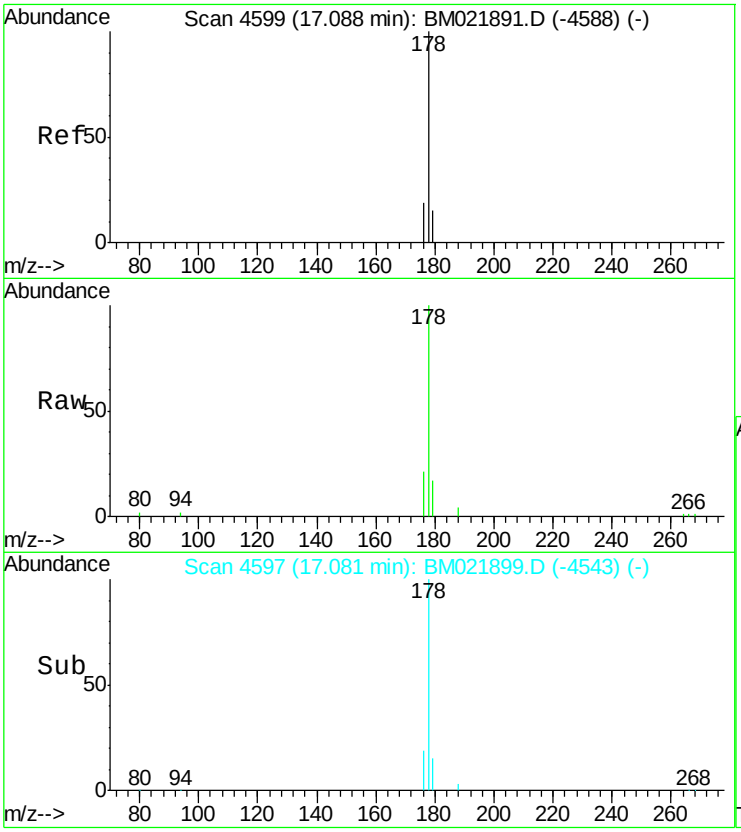


#9
Fluorene
Concen: 0.026 ng/ul
RT: 15.35 min Scan# 4126
Delta R.T. -0.01 min
Lab File: BM021899.D
Acq: 07 Aug 2019 17:03

Tgt Ion:166 Resp: 228

Ion	Ratio	Lower	Upper
166	100		
165	100.0	81.4	122.0
167	41.1	13.7	20.5#





#12
Phenanthrene
Concen: 0.492 ng/ul
RT: 17.08 min Scan# 4597
Delta R.T. -0.01 min
Lab File: BM021899.D
Acq: 07 Aug 2019 17:03

Tgt Ion:178 Resp: 6591

Ion	Ratio	Lower	Upper
178	100		
179	17.0	14.2	21.2
176	20.5	16.8	25.2

Instrument :
BNA_M
ClientSampleId :
A52F0DL

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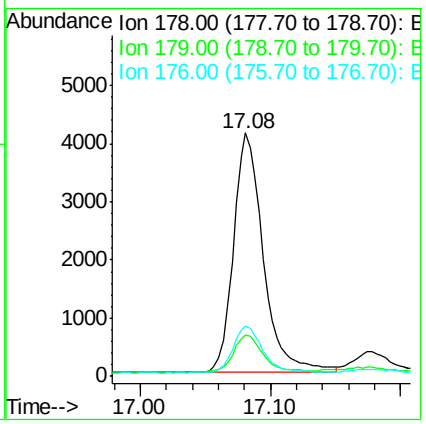
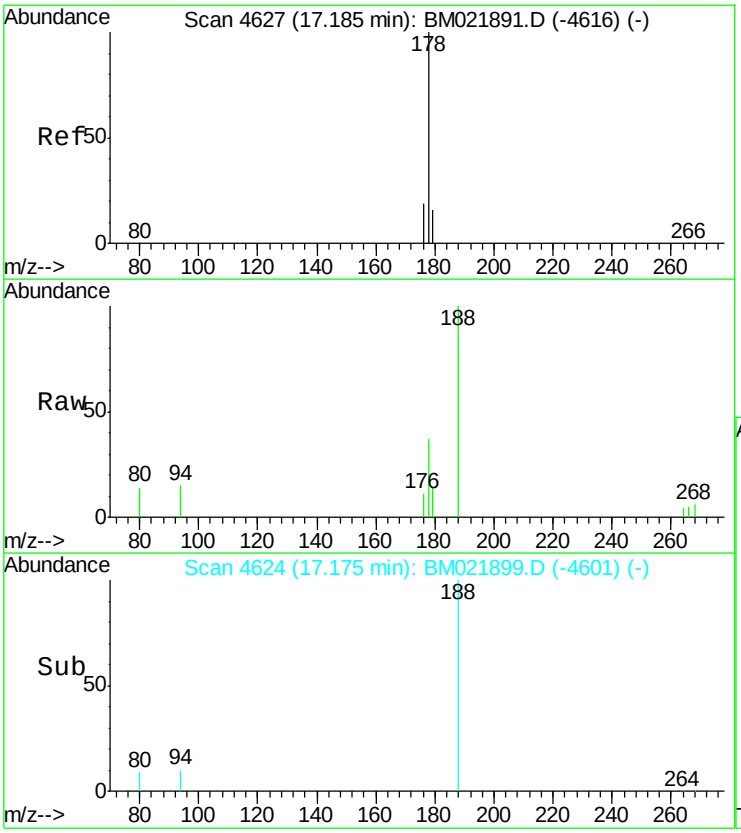
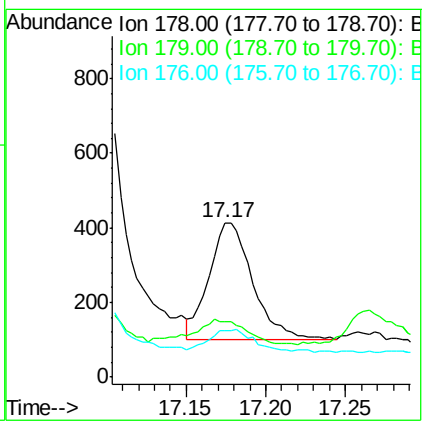


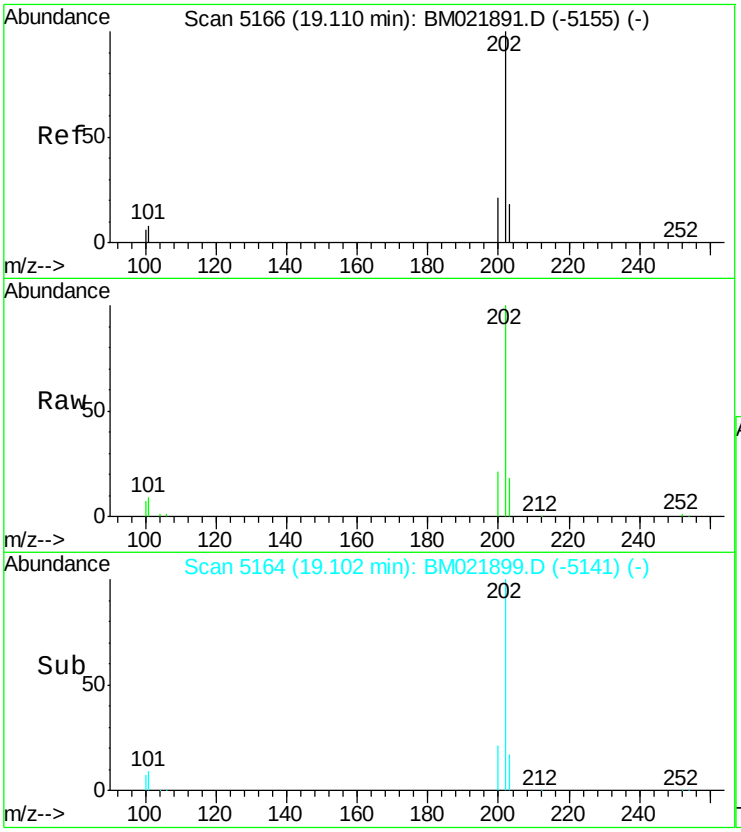


#13
Anthracene
Concen: 0.052 ng/ul
RT: 17.17 min Scan# 4624
Delta R.T. -0.02 min
Lab File: BM021899.D
Acq: 07 Aug 2019 17:03

Tgt Ion:178 Resp: 589

Ion	Ratio	Lower	Upper
178	100		
179	36.2	15.5	23.3#
176	30.2	16.6	25.0#

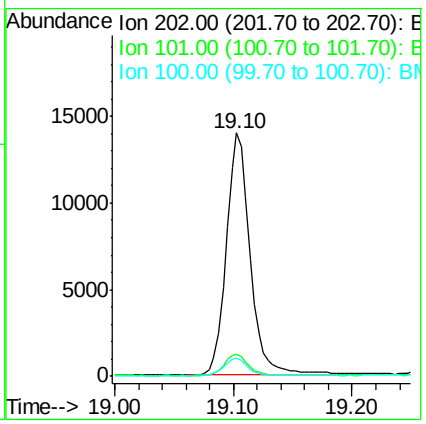




#15
Fluoranthene
Concen: 1.090 ng/ul
RT: 19.10 min Scan# 5164
Delta R.T. -0.01 min
Lab File: BM021899.D
Acq: 07 Aug 2019 17:03

Tgt Ion:202 Resp: 19541

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.2
100	7.4	0.0	28.1



Instrument :
BNA_M
ClientSampleId :
A52F0DL

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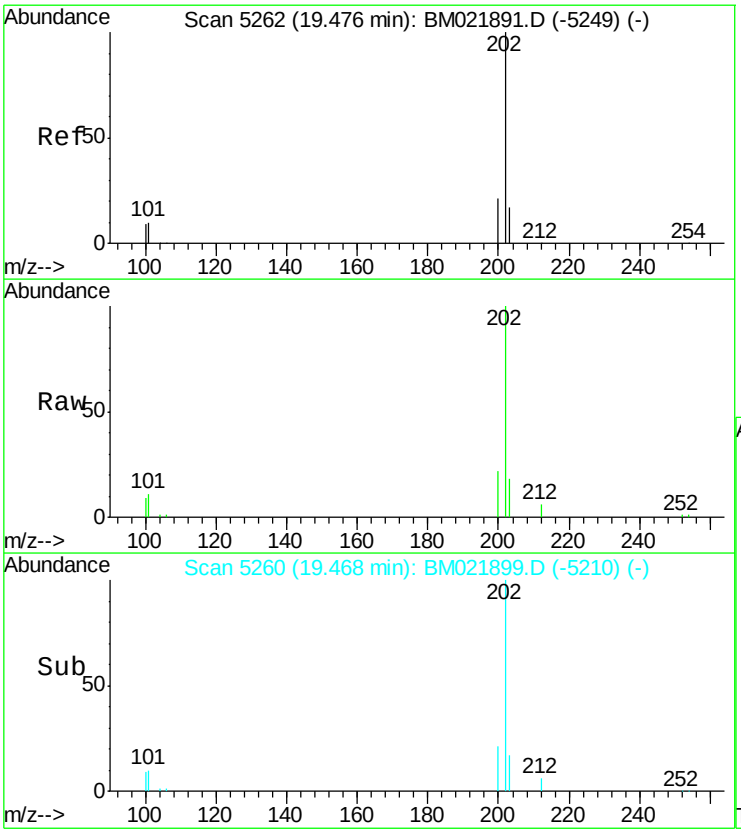
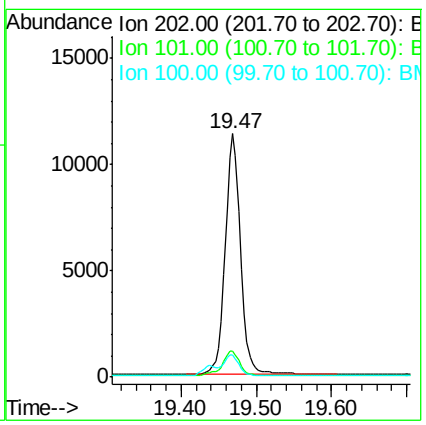
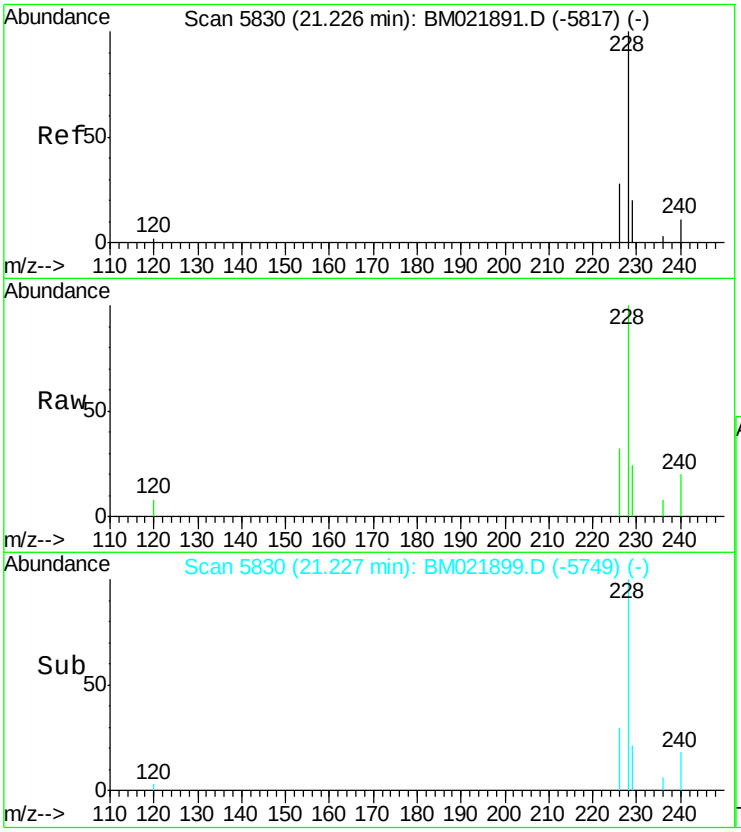


#17
Pyrene
Concen: 0.835 ng/ul
RT: 19.47 min Scan# 5260
Delta R.T. -0.01 min
Lab File: BM021899.D
Acq: 07 Aug 2019 17:03

Tgt Ion:202 Resp: 16097

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.3	12.5
100	9.2	7.2	10.8

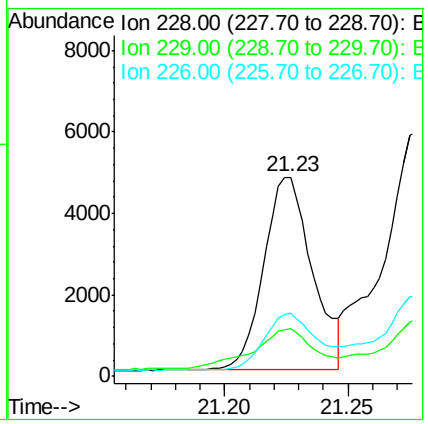




#18
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.23 min Scan# 5830
Delta R.T. -0.01 min
Lab File: BM021899.D
Acq: 07 Aug 2019 17:03

Tgt Ion:228 Resp: 6500

Ion	Ratio	Lower	Upper
228	100		
229	24.1	17.2	25.8
226	31.7	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
A52F0DL

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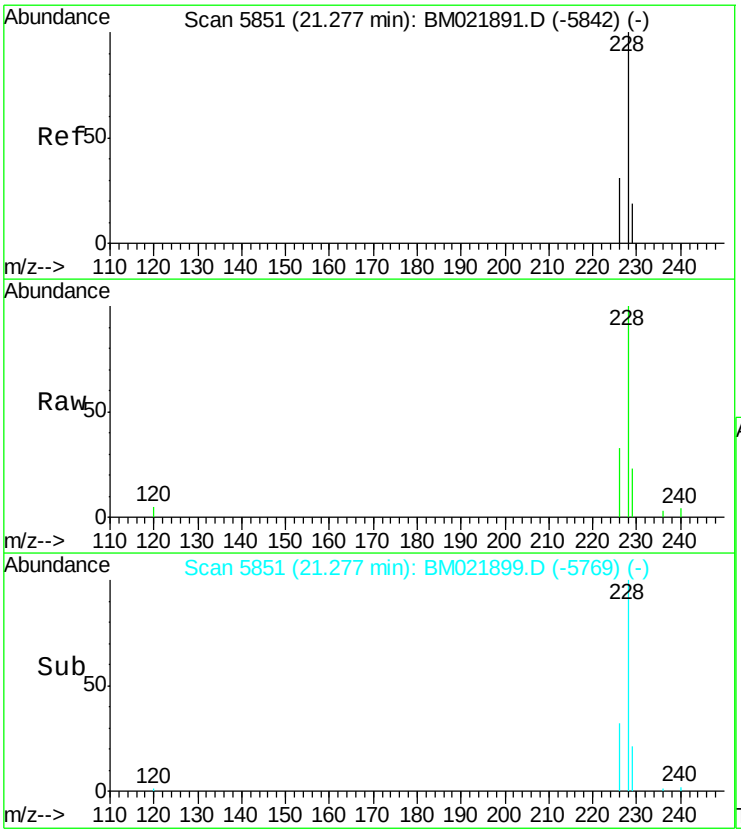
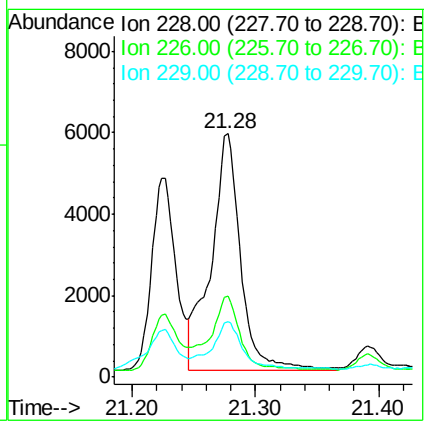
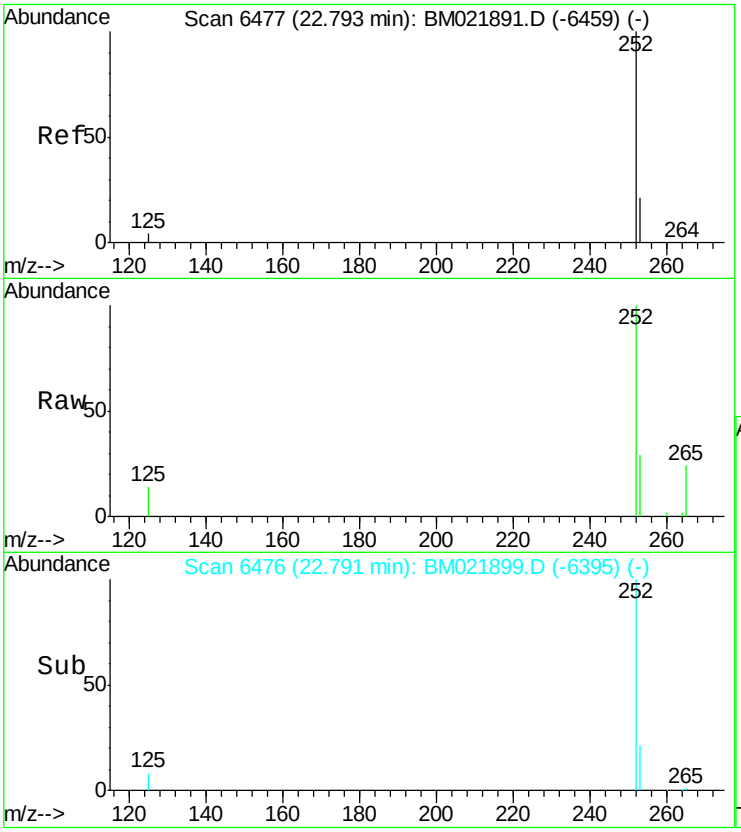


#19
Chrysene
Concen: 0.449 ng/ul
RT: 21.28 min Scan# 5851
Delta R.T. -0.00 min
Lab File: BM021899.D
Acq: 07 Aug 2019 17:03

Tgt Ion:228 Resp: 9704

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.9	37.3
229	22.8	16.6	25.0

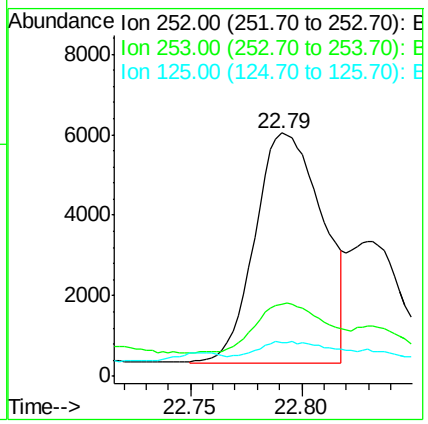




#21
Benzo(b)fluoranthene
Concen: 0.602 ng/ul m
RT: 22.79 min Scan# 6476
Delta R.T. -0.00 min
Lab File: BM021899.D
Acq: 07 Aug 2019 17:03

Tgt Ion:252 Resp: 12056

Ion	Ratio	Lower	Upper
252	100		
253	29.4	0.0	67.4
125	13.6	0.0	31.0



Instrument :
BNA_M
ClientSampleId :
A52F0DL

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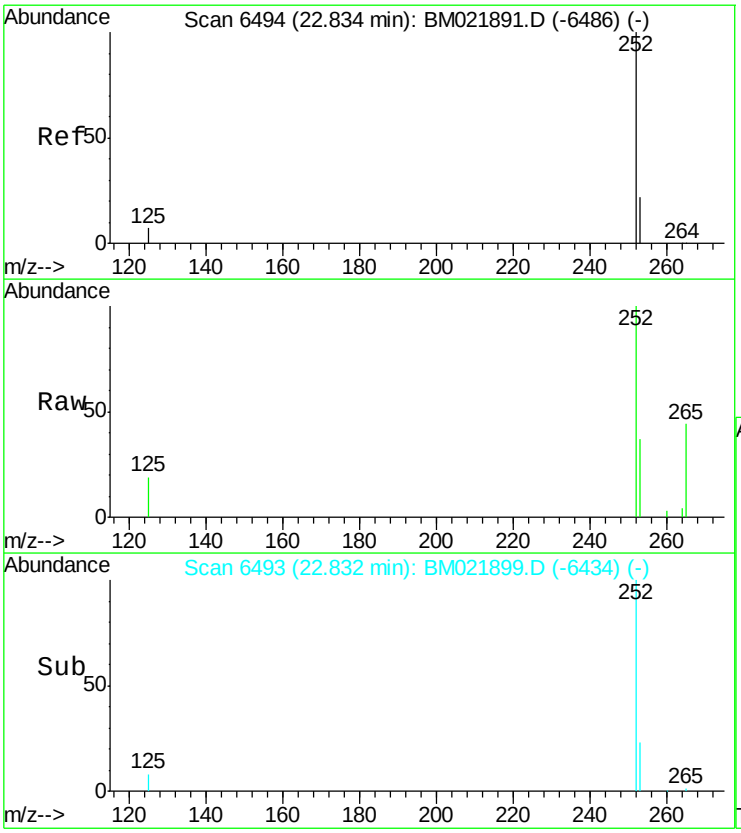
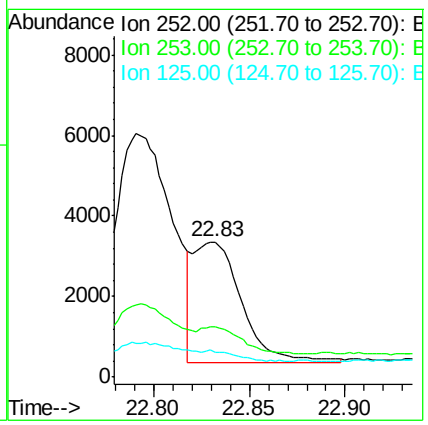
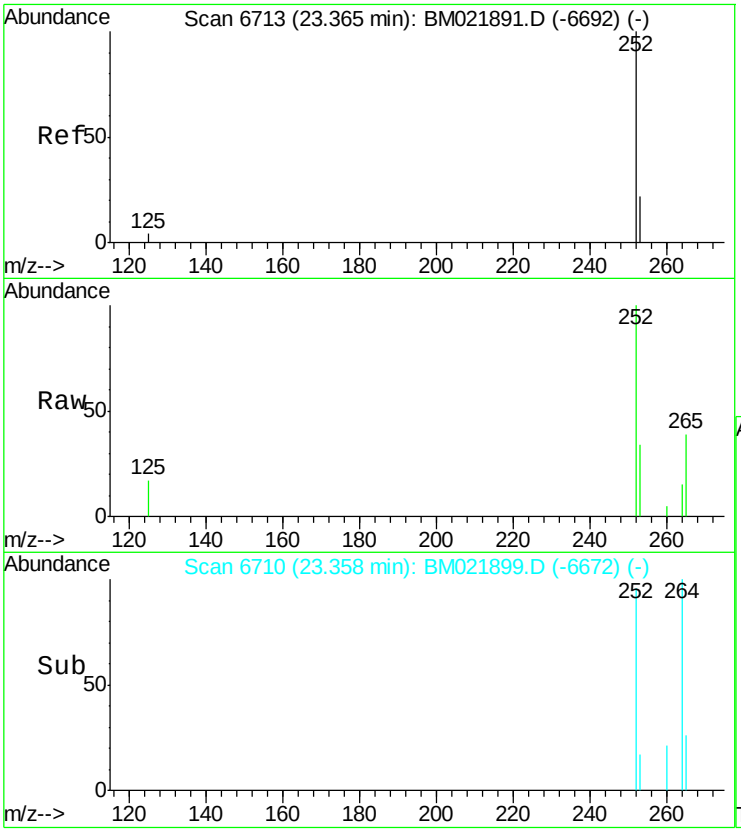


#22
Benzo(k)fluoranthene
Concen: 0.233 ng/ul m
RT: 22.83 min Scan# 6493
Delta R.T. -0.01 min
Lab File: BM021899.D
Acq: 07 Aug 2019 17:03

Tgt Ion:252 Resp: 5276

Ion	Ratio	Lower	Upper
252	100		
253	37.1	27.0	40.4
125	18.5	12.2	18.2#

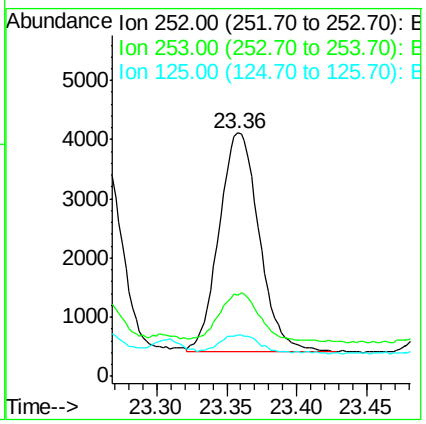




#23
Benzo(a)pyrene
Concen: 0.360 ng/ul
RT: 23.36 min Scan# 6710
Delta R.T. -0.01 min
Lab File: BM021899.D
Acq: 07 Aug 2019 17:03

Tgt Ion:252 Resp: 7337

Ion	Ratio	Lower	Upper
252	100		
253	33.5	31.7	47.5
125	17.0	14.6	21.8



Instrument :
BNA_M
ClientSampleId :
A52F0DL

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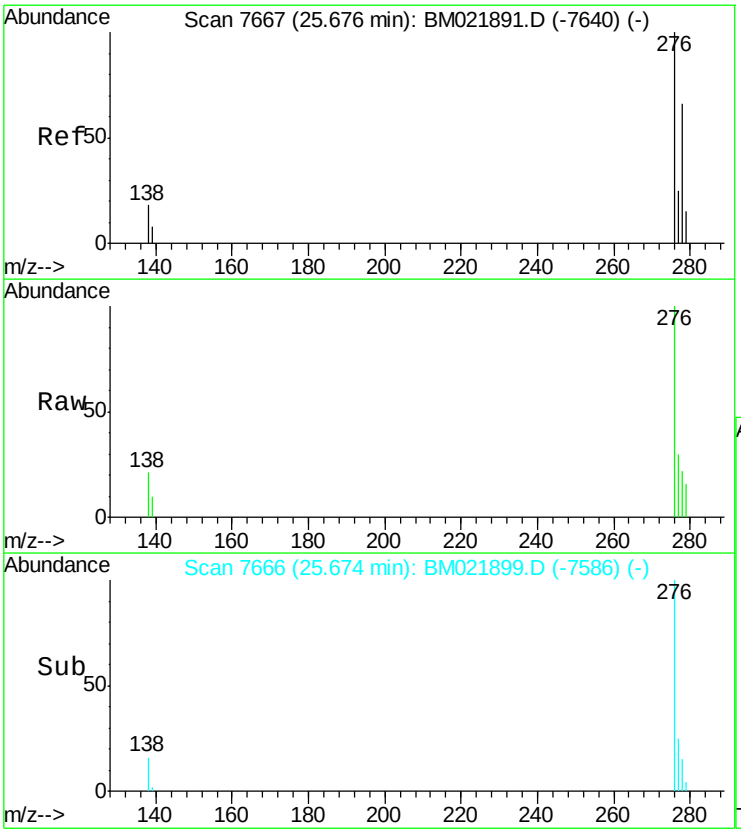
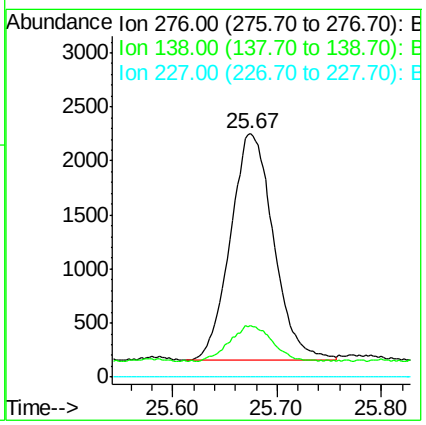
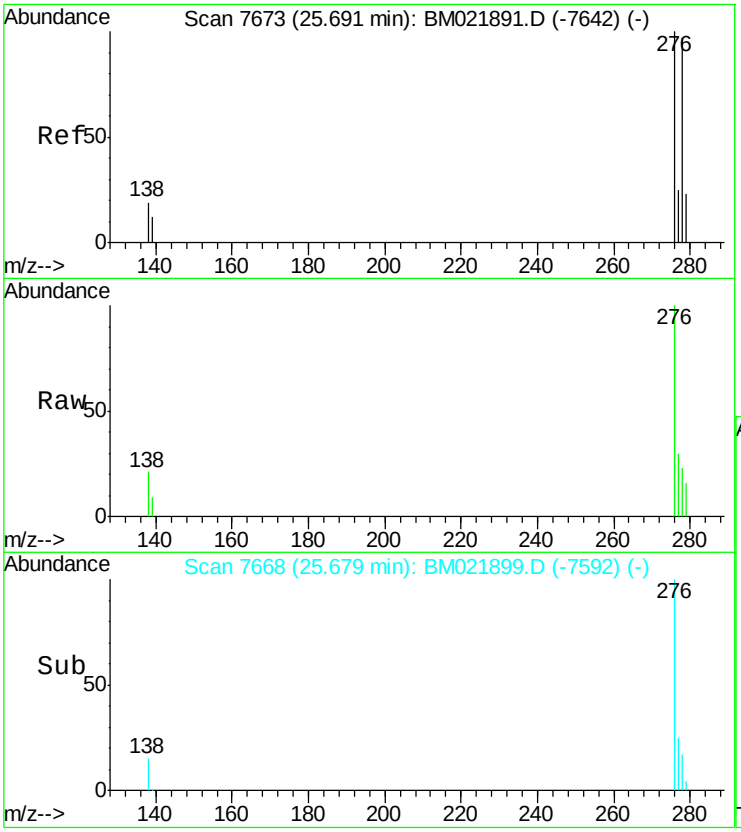


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.250 ng/ul
RT: 25.67 min Scan# 7666
Delta R.T. -0.01 min
Lab File: BM021899.D
Acq: 07 Aug 2019 17:03

Tgt Ion:276 Resp: 6075

Ion	Ratio	Lower	Upper
276	100		
138	16.0	15.1	22.7
227	0.0	0.0	0.0

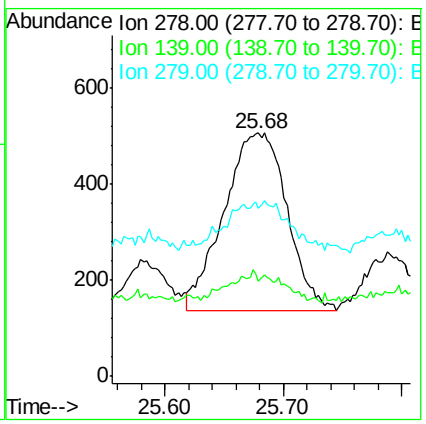




#25
Dibenzo(a,h)anthracene
Concen: 0.069 ng/ul
RT: 25.68 min Scan# 7668
Delta R.T. -0.01 min
Lab File: BM021899.D
Acq: 07 Aug 2019 17:03

Tgt Ion:278 Resp: 1363

Ion	Ratio	Lower	Upper
278	100		
139	39.1	14.2	21.2#
279	69.0	28.3	42.5#



Instrument :
BNA_M
ClientSampleId :
A52F0DL

Manual Integrations APPROVED
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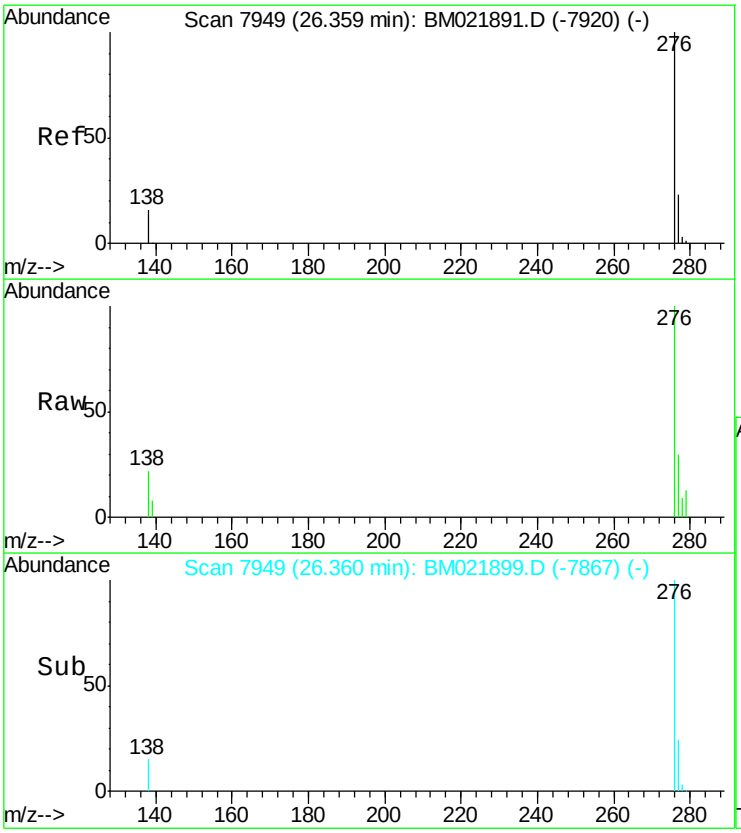

#26
Benzo(g,h,i)perylene
Concen: 0.282 ng/ul
RT: 26.36 min Scan# 7949
Delta R.T. -0.00 min
Lab File: BM021899.D
Acq: 07 Aug 2019 17:03

Tgt Ion:276 Resp: 6173

Ion	Ratio	Lower	Upper
276	100		
138	22.0	15.5	23.3
277	30.2	21.4	32.2