Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100520\
Data File : BM027626.D
Acq On : 06 Oct 2020 03:38
Operator : JU/CG
Sample : L4184-23
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AQ5

Manual Integrations APPROVED
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10/6/2020 3:24:41 PM

Quant Time: Oct 06 04:44:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 06 01:23:11 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	1612	0.40	ng/ul	0.00
2) Naphthalene-d8	10.577	136	3310	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.421	164	3584	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.162	188	8708m	0.40	ng/ul	0.00
16) Chrysene-d12	21.341	240	9870	0.40	ng/ul	0.00
20) Perylene-d12	23.600	264	10853	0.40	ng/ul	# 0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.165	152	2986	0.50	ng/ul	0.00
14) Fluoranthene-d10	19.188	212	9610	0.40	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.208	178	1142	0.04	ng/ul#	90
15) Fluoranthene	19.218	202	2122	0.07	ng/ul	91
17) Pyrene	19.585	202	1894	0.04	ng/ul#	90
18) Benzo(a)anthracene	21.326	228	1302m	0.03	ng/ul	
19) Chrysene	21.377	228	3100	0.08	ng/ul	97
21) Benzo(b)fluoranthene	22.922	252	2069m	0.05	ng/ul	
23) Benzo(a)pyrene	23.506	252	1361	0.03	ng/ul#	13
24) Indeno(1,2,3-cd)pyrene	25.873	276	1477	0.03	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.885	278	1458	0.04	ng/ul#	50
26) Benzo(g,h,i)perylene	26.566	276	2453	0.06	ng/ul#	86

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

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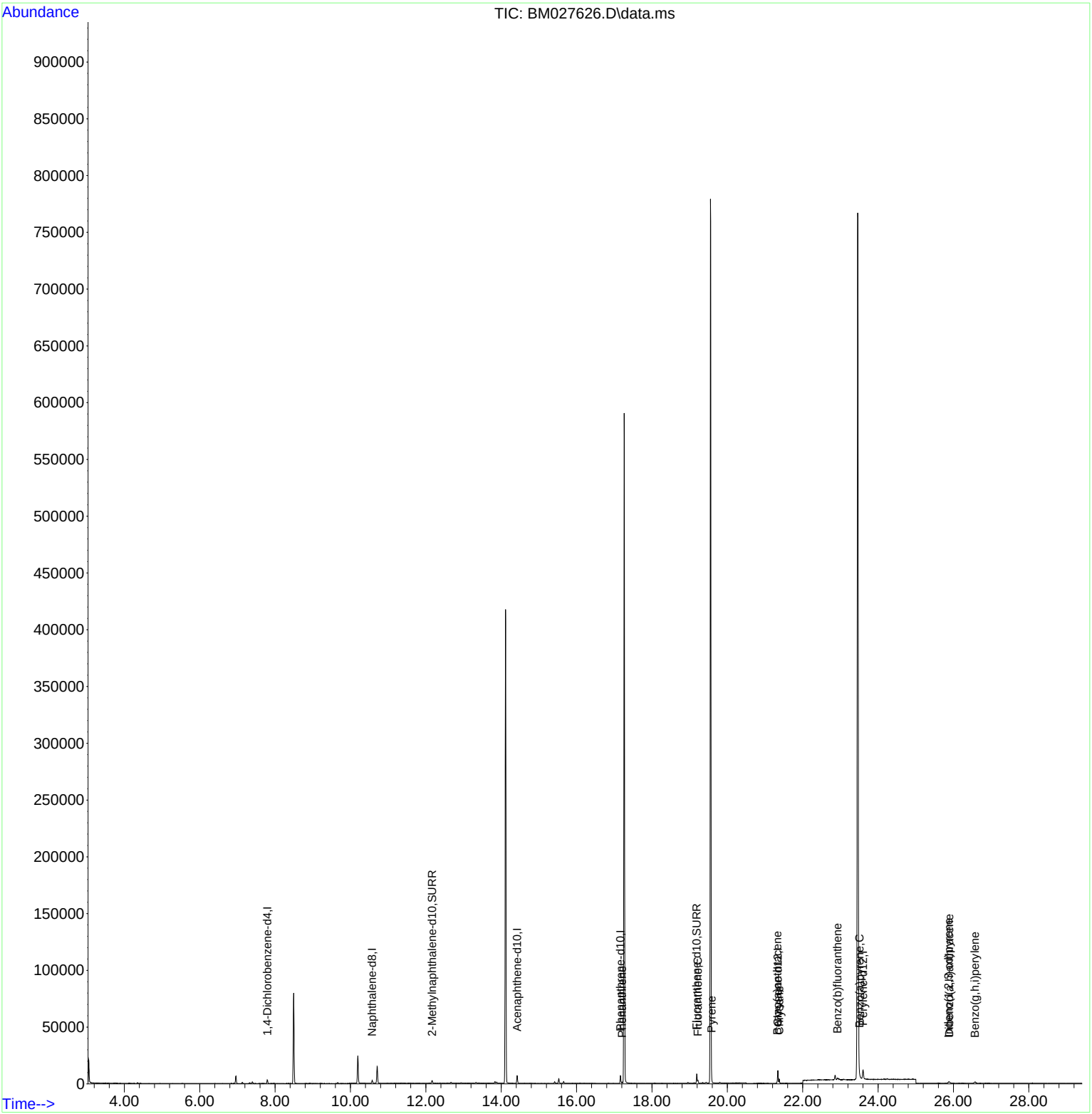
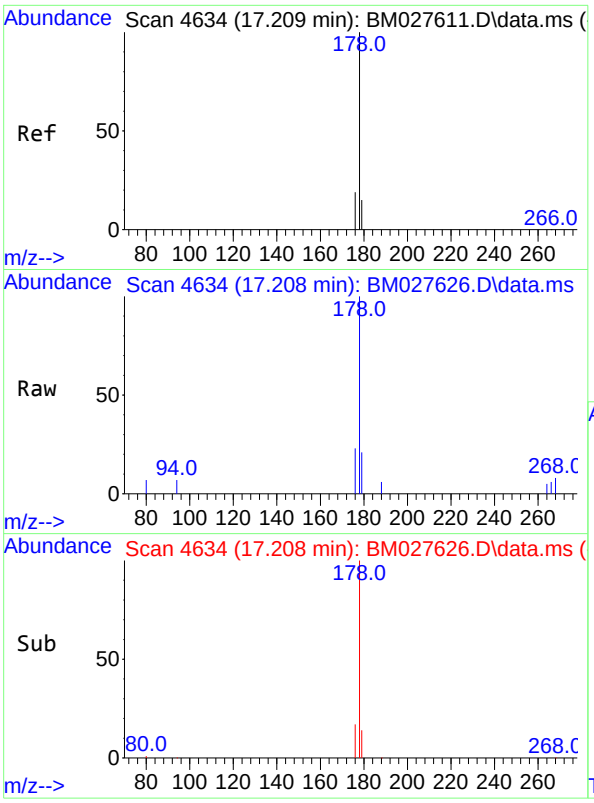
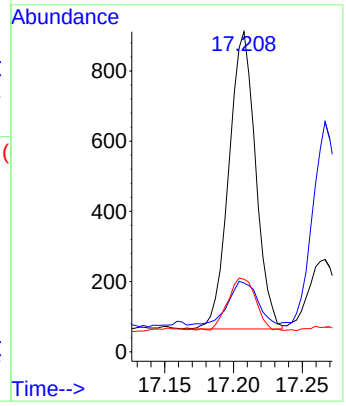


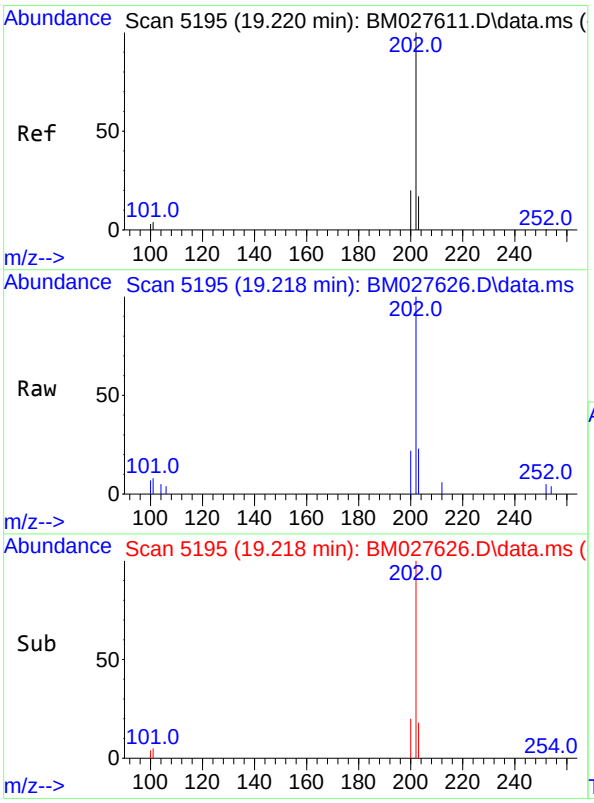


#12
Phenanthrene
Concen: 0.04 ng/ul
RT: 17.208 min Scan# 4634
Delta R.T. 0.000 min
Lab File: BM027626.D
Acq: 06 Oct 2020 03:38

Tgt Ion:178 Resp: 1142

Ion	Ratio	Lower	Upper
178	100		
179	21.5	12.9	19.3#
176	22.7	15.3	22.9

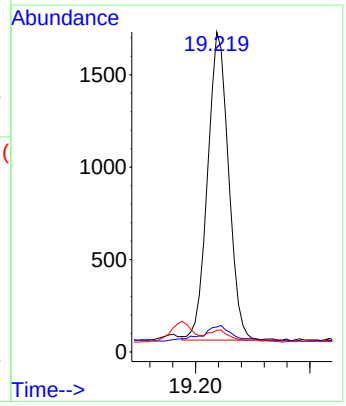




#15
Fluoranthene
Concen: 0.07 ng/ul
RT: 19.218 min Scan# 5195
Delta R.T. -0.004 min
Lab File: BM027626.D
Acq: 06 Oct 2020 03:38

Tgt Ion:202 Resp: 2122

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	24.9
100	6.8	0.0	24.1



Instrument :
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ClientSampleId :
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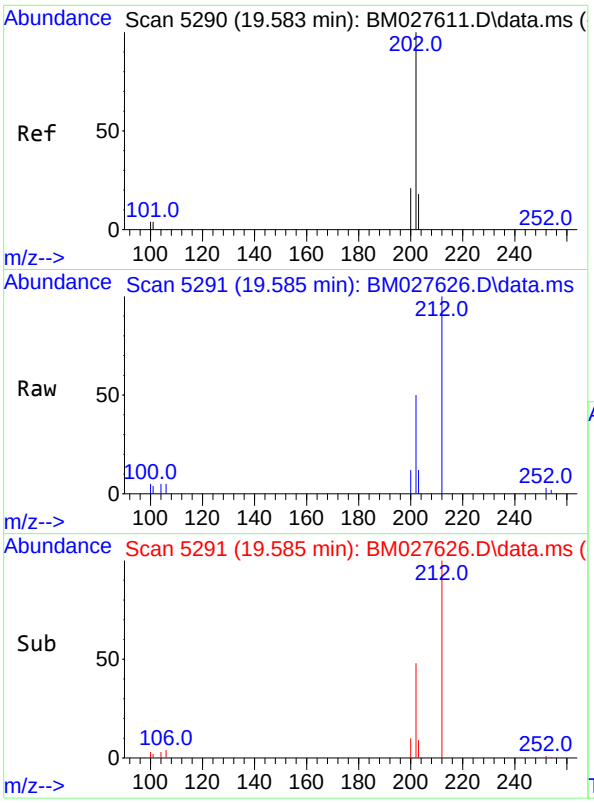
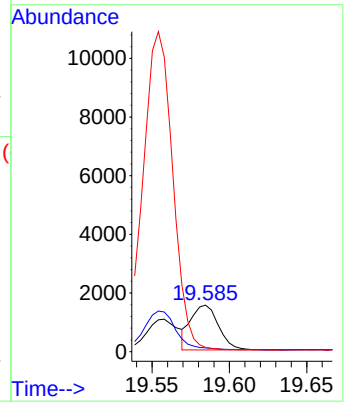


#17
Pyrene
Concen: 0.04 ng/ul
RT: 19.585 min Scan# 5291
Delta R.T. 0.000 min
Lab File: BM027626.D
Acq: 06 Oct 2020 03:38

Tgt Ion:202 Resp: 1894

Ion	Ratio	Lower	Upper
202	100		
101	8.1	4.7	7.1#
100	9.4	3.9	5.9#



Instrument :
BNA_M
ClientSampleId :
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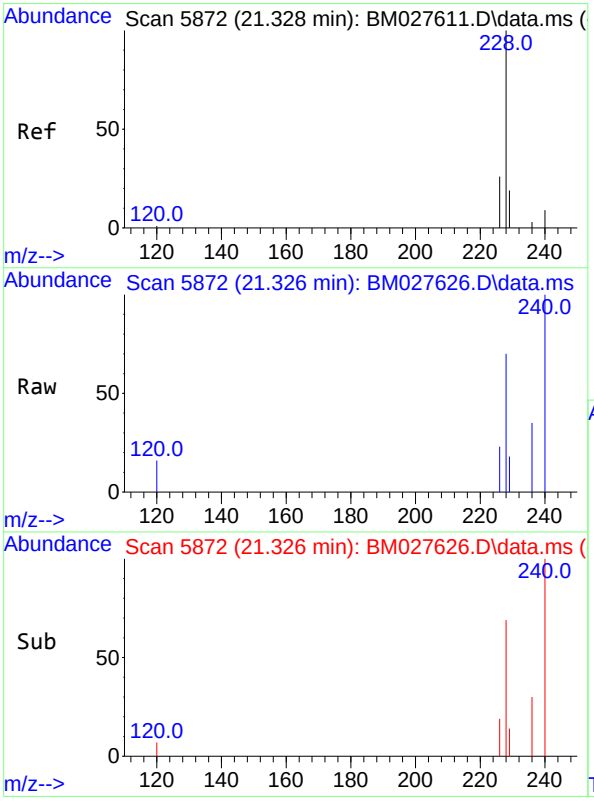
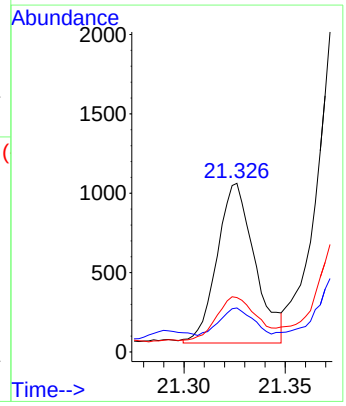
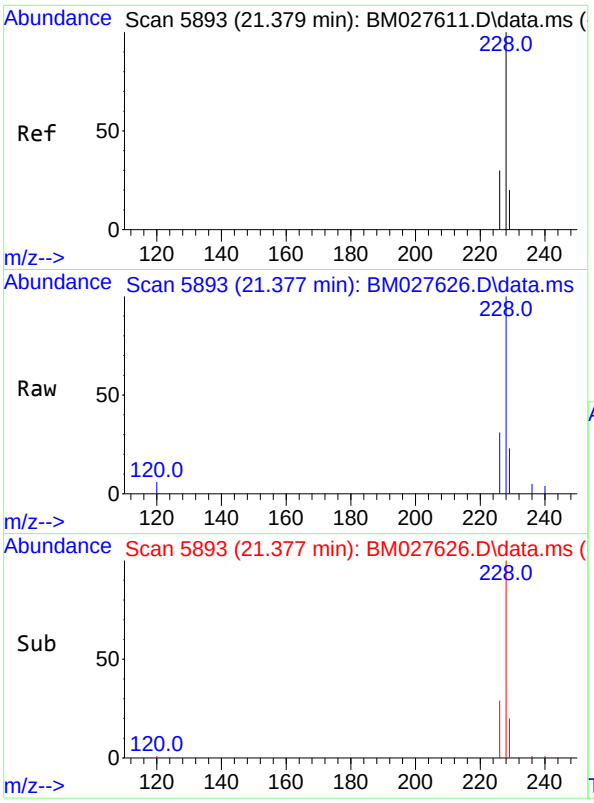


#18
Benzo(a)anthracene
Concen: 0.03 ng/ul m
RT: 21.326 min Scan# 5872
Delta R.T. -0.005 min
Lab File: BM027626.D
Acq: 06 Oct 2020 03:38

Tgt Ion:228 Resp: 1302

Ion	Ratio	Lower	Upper
228	100		
229	26.2	15.6	23.4#
226	32.3	21.8	32.8

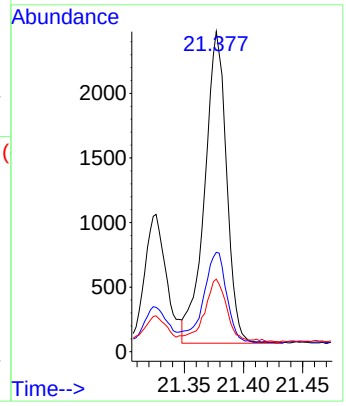




#19
Chrysene
Concen: 0.08 ng/ul
RT: 21.377 min Scan# 5893
Delta R.T. -0.005 min
Lab File: BM027626.D
Acq: 06 Oct 2020 03:38

Tgt Ion:228 Resp: 3100

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.4
229	22.7	15.8	23.8



Instrument :
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ClientSampleId :
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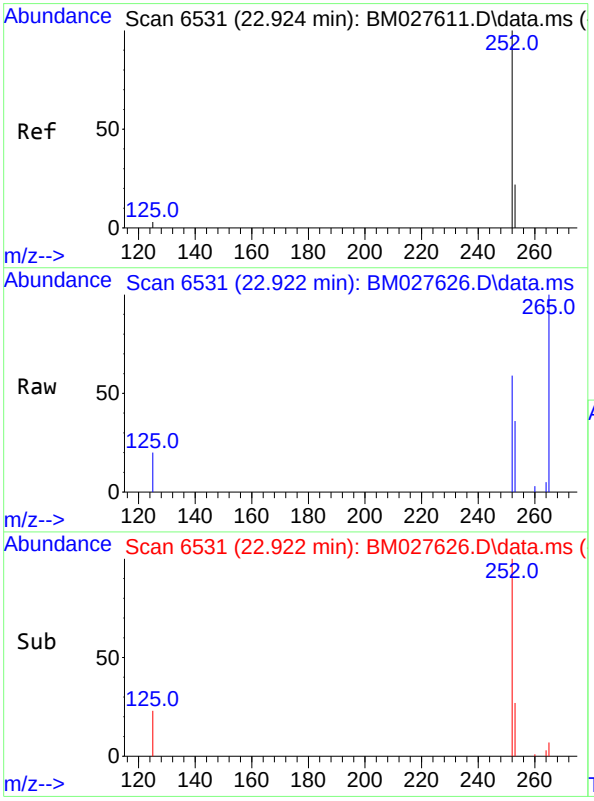
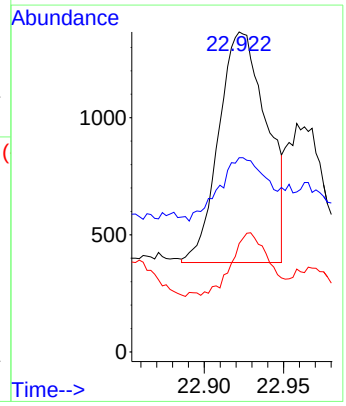
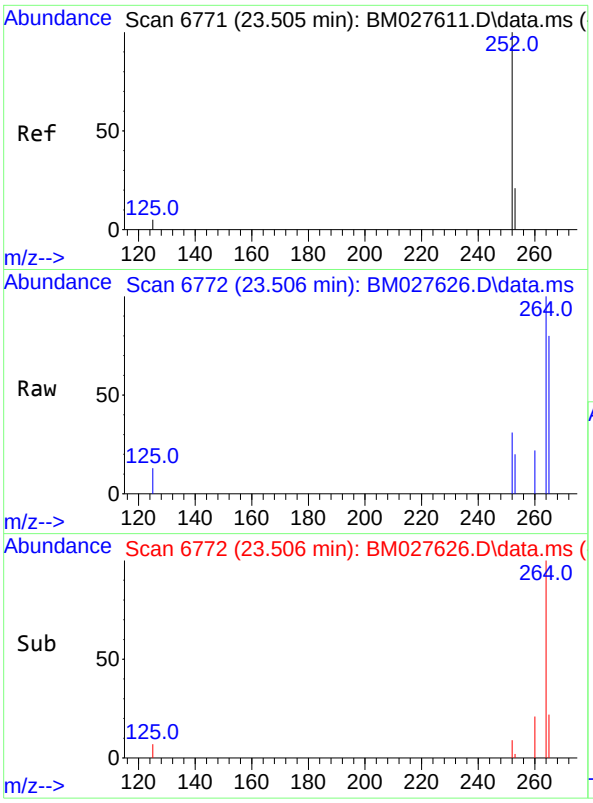


#21
Benzo(b)fluoranthene
Concen: 0.05 ng/ul m
RT: 22.922 min Scan# 6531
Delta R.T. -0.005 min
Lab File: BM027626.D
Acq: 06 Oct 2020 03:38

Tgt Ion:252 Resp: 2069

Ion	Ratio	Lower	Upper
252	100		
253	60.7	0.0	48.2#
125	33.9	0.0	10.6#

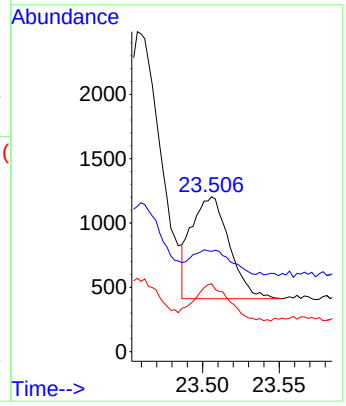


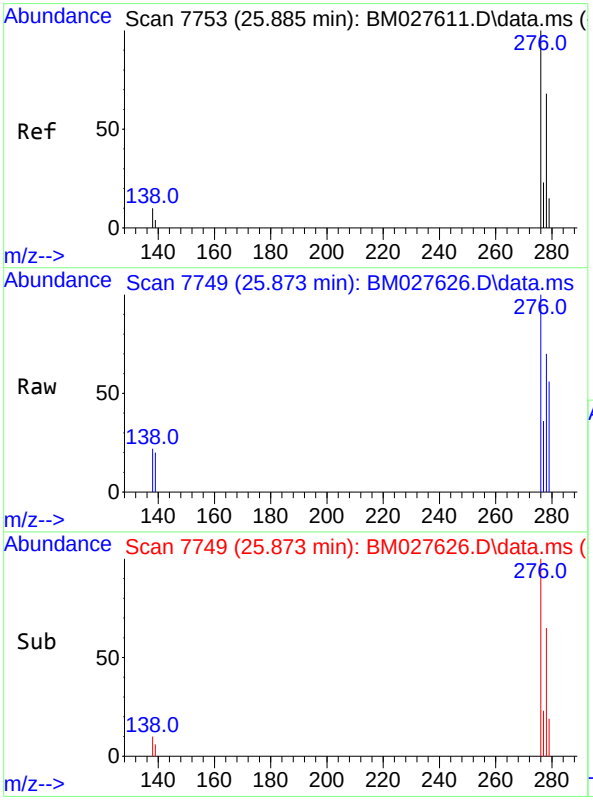


#23
Benzo(a)pyrene
Concen: 0.03 ng/ul
RT: 23.506 min Scan# 6772
Delta R.T. -0.002 min
Lab File: BM027626.D
Acq: 06 Oct 2020 03:38

Tgt Ion:252 Resp: 1361

Ion	Ratio	Lower	Upper
252	100		
253	64.8	19.6	29.4#
125	43.9	5.0	7.6#

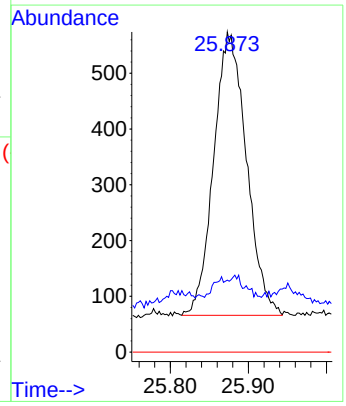




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng/ul
RT: 25.873 min Scan# 7749
Delta R.T. -0.014 min
Lab File: BM027626.D
Acq: 06 Oct 2020 03:38

Tgt Ion:276 Resp: 1477

Ion	Ratio	Lower	Upper
276	100		
138	7.2	8.6	12.8#
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
C0AQ5

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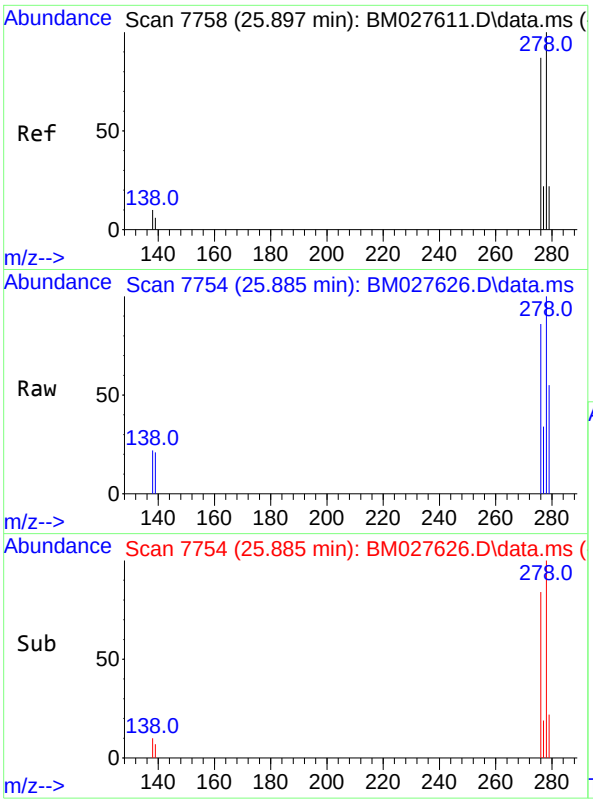
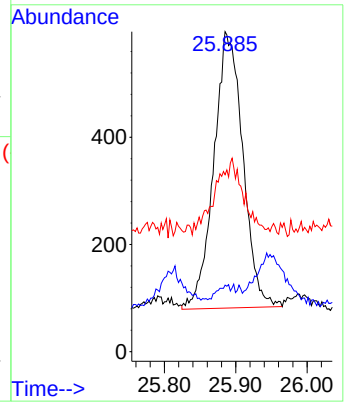


#25
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul
RT: 25.885 min Scan# 7754
Delta R.T. -0.017 min
Lab File: BM027626.D
Acq: 06 Oct 2020 03:38

Tgt Ion:278 Resp: 1458

Ion	Ratio	Lower	Upper
278	100		
139	20.8	7.6	11.4#
279	55.3	20.7	31.1#



Instrument :
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ClientSampleId :
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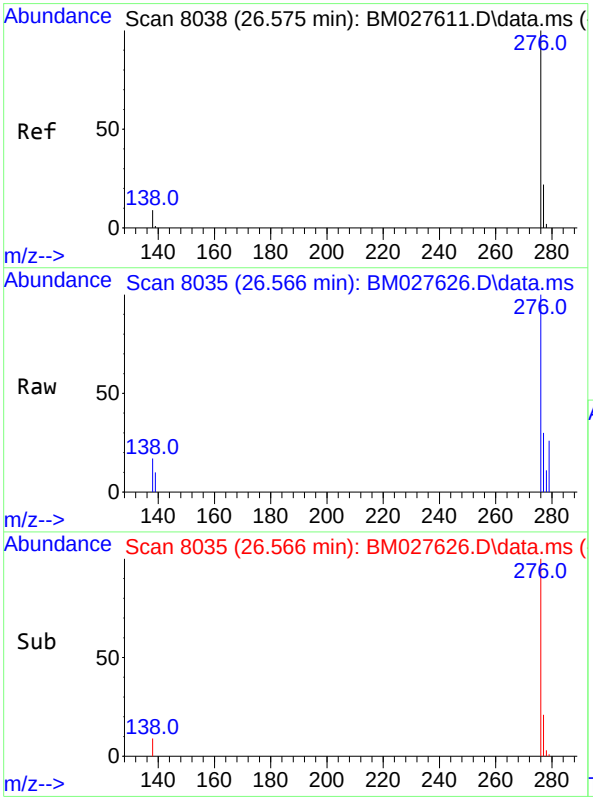

#26
Benzo(g,h,i)perylene
Concen: 0.06 ng/ul
RT: 26.566 min Scan# 8035
Delta R.T. -0.017 min
Lab File: BM027626.D
Acq: 06 Oct 2020 03:38

Tgt Ion:276 Resp: 2453

Ion	Ratio	Lower	Upper
276	100		
138	17.4	9.0	13.4#
277	30.4	19.4	29.0#