Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021831.D
Acq On : 05 Aug 2019 03:32
Operator : HP/JU
Sample : K3863-13
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F3

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:48 PM

Quant Time: Aug 05 09:03:28 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 : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1069	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	4435	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2527	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	6023	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	5909	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	6877m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	727	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	2327	0.11	ng/ul	-0.01
Target Compounds						Qvalue
15) Fluoranthene	19.11	202	1445	0.062	ng/ul	80
17) Pyrene	19.47	202	1248m	0.051	ng/ul	
18) Benzo(a)anthracene	21.23	228	750	0.035	ng/ul#	56
19) Chrysene	21.28	228	1030	0.038	ng/ul#	74
21) Benzo(b)fluoranthene	22.79	252	1624m	0.070	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	799m	0.030	ng/ul	
23) Benzo(a)pyrene	23.35	252	1035m	0.044	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.68	276	936m	0.033	ng/ul	
26) Benzo(g,h,i)perylene	26.37	276	906m	0.036	ng/ul	

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

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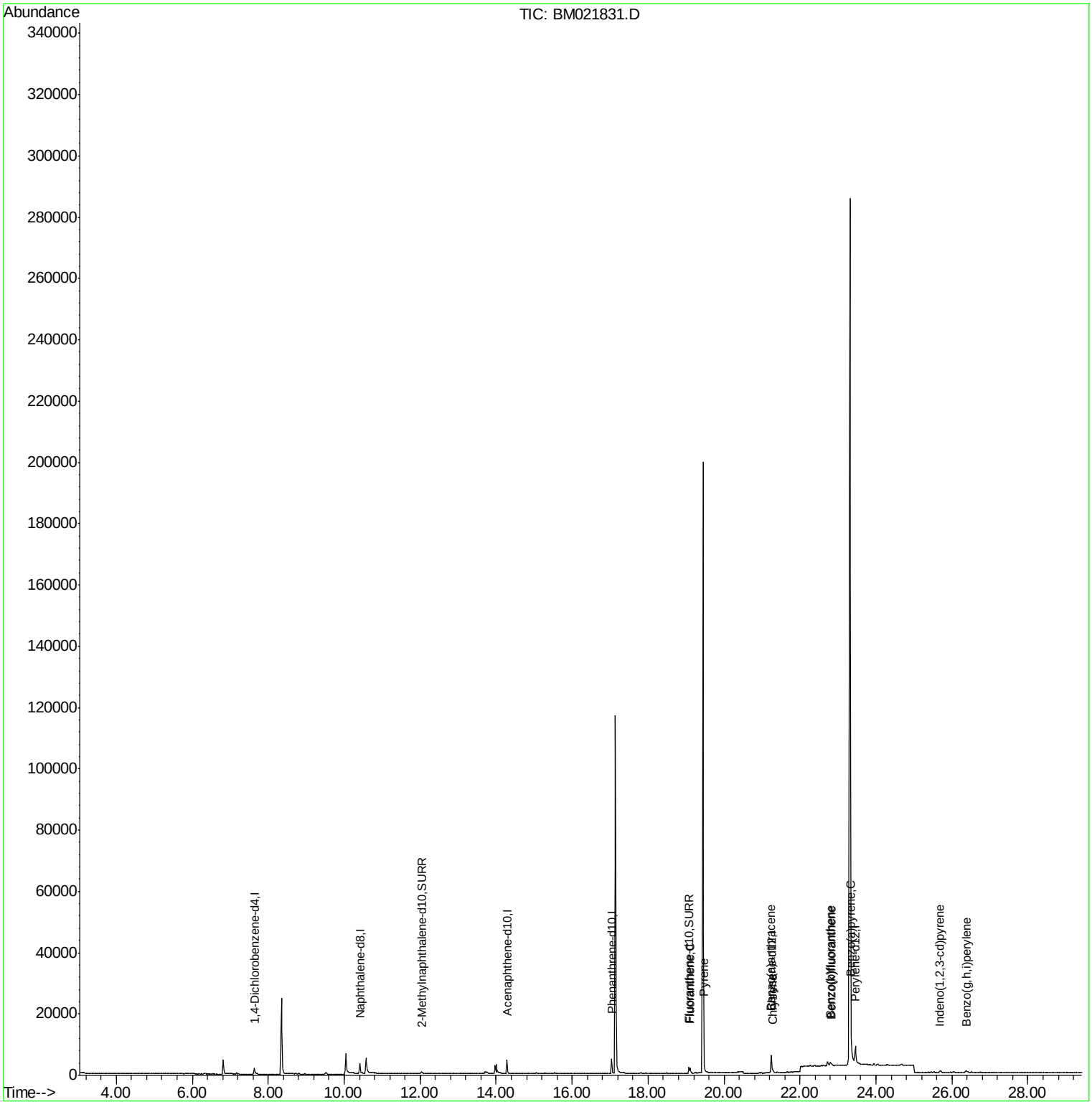
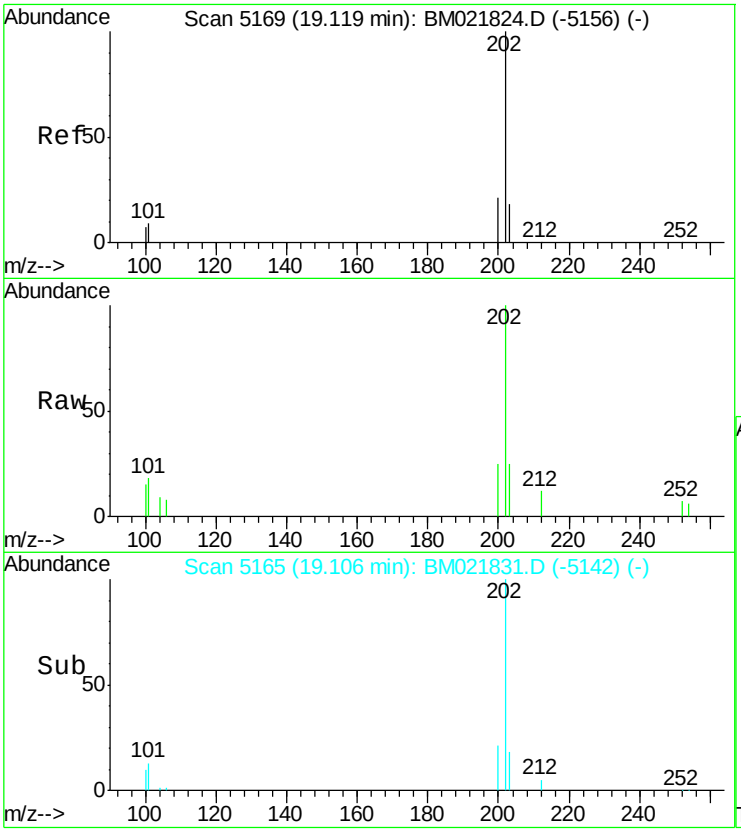
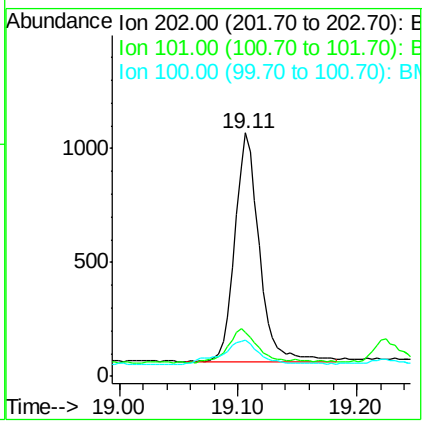




#15
Fluoranthene
Concen: 0.062 ng/ul
RT: 19.11 min Scan# 5165
Delta R.T. -0.01 min
Lab File: BM021831.D
Acq: 05 Aug 2019 03:32

Tgt Ion:202 Resp: 1445

Ion	Ratio	Lower	Upper
202	100		
101	17.9	0.0	30.2
100	14.7	0.0	28.1



Instrument :
BNA_M
ClientSampleId :
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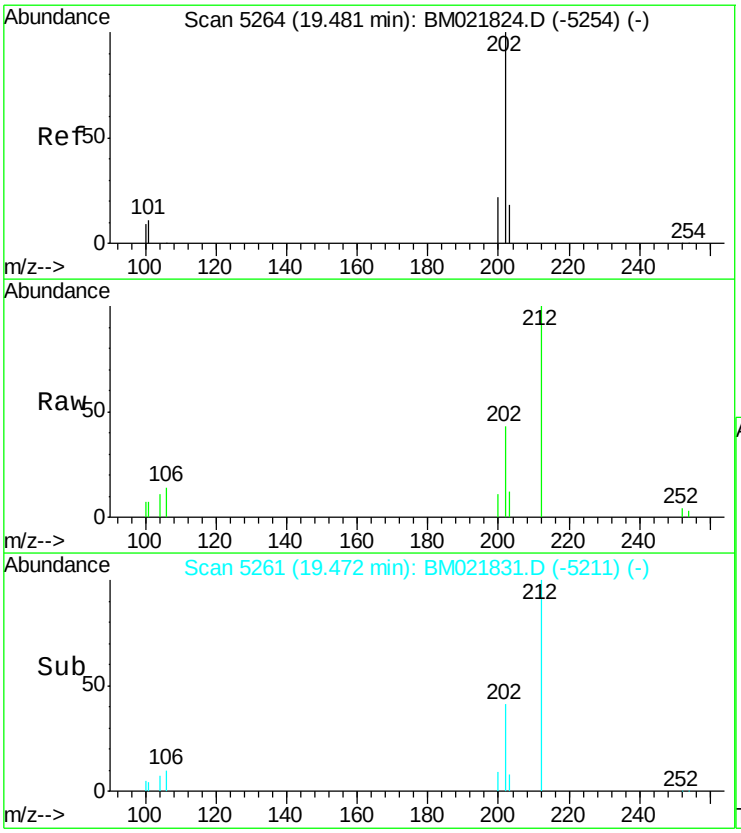
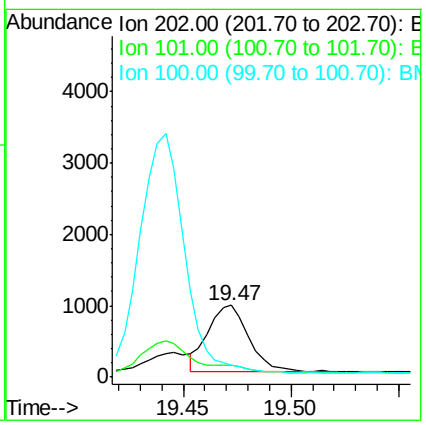
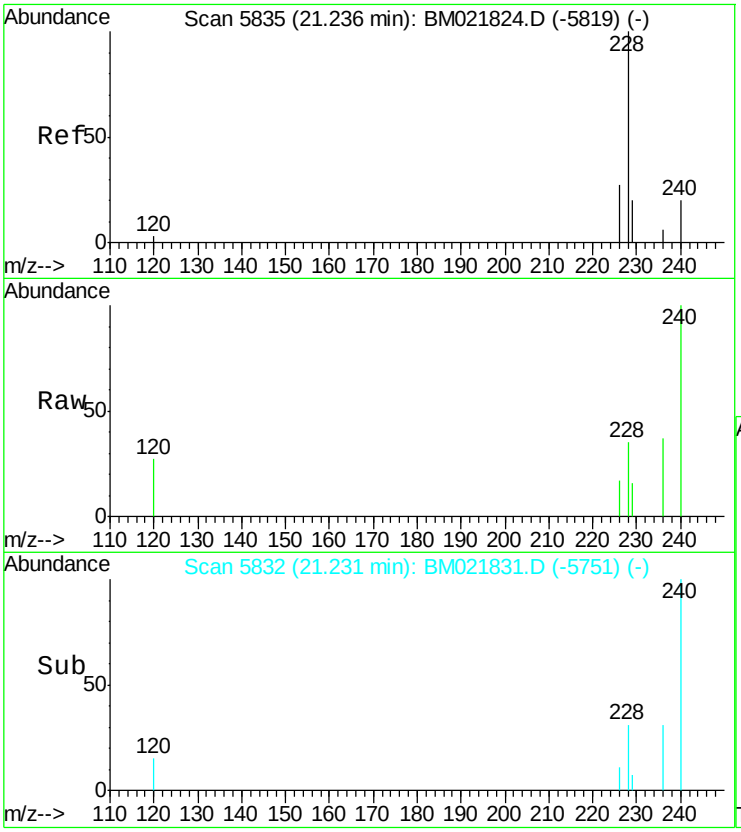


#17
Pyrene
Concen: 0.051 ng/ul m
RT: 19.47 min Scan# 5261
Delta R.T. -0.01 min
Lab File: BM021831.D
Acq: 05 Aug 2019 03:32

Tgt Ion:202 Resp: 1248

Ion	Ratio	Lower	Upper
202	100		
101	17.0	8.3	12.5#
100	16.6	7.2	10.8#





#18
Benzo(a)anthracene
Concen: 0.035 ng/ul
RT: 21.23 min Scan# 5832
Delta R.T. -0.00 min
Lab File: BM021831.D
Acq: 05 Aug 2019 03:32

Instrument :
BNA_M
ClientSampleId :
A52F3

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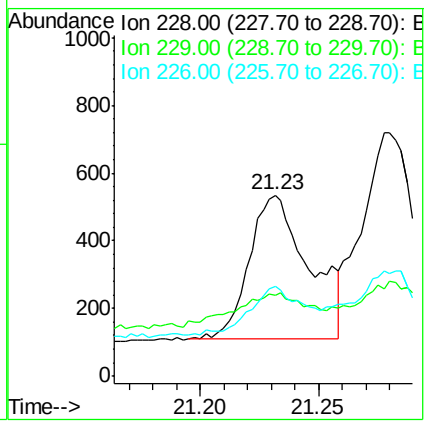
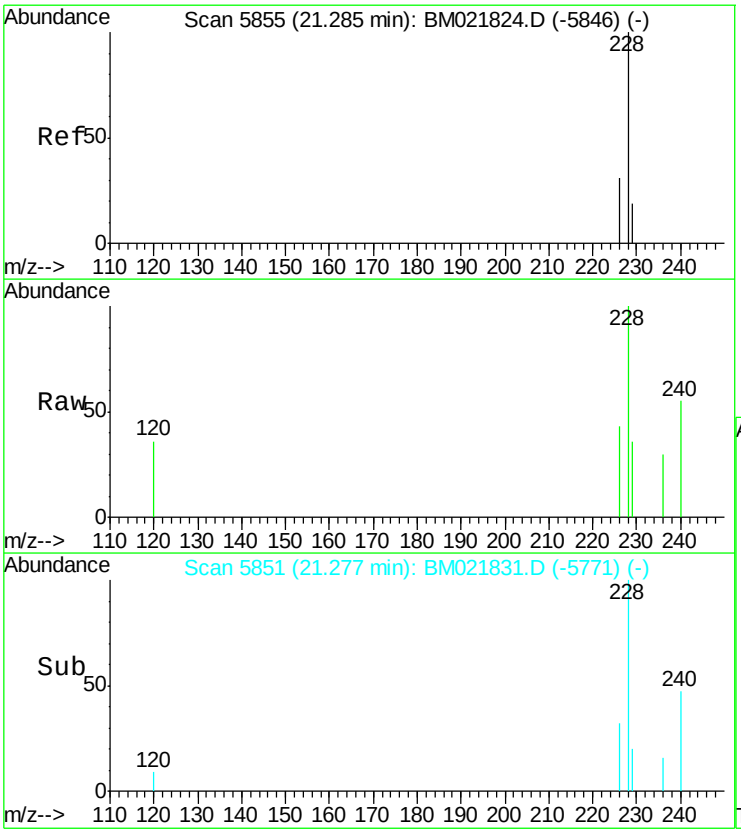
Tgt Ion:228 Resp: 750

Ion	Ratio	Lower	Upper
228	100		
229	44.4	17.2	25.8#
226	49.4	22.6	34.0#

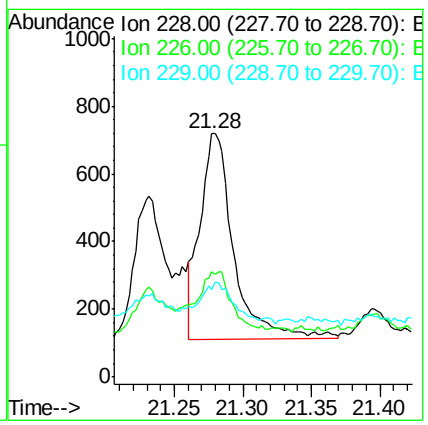


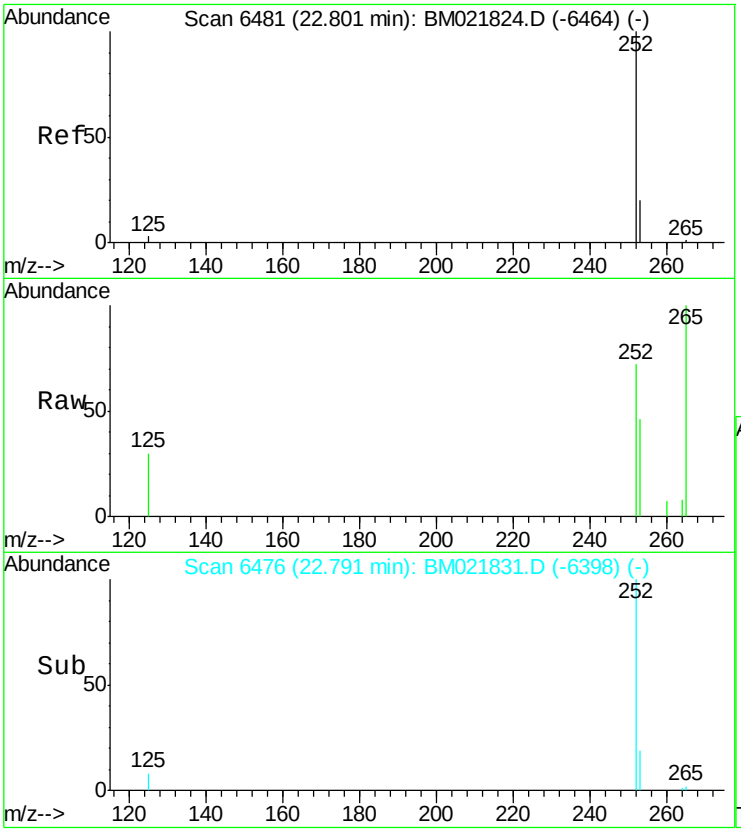


#19
Chrysene
Concen: 0.038 ng/ul
RT: 21.28 min Scan# 5851
Delta R.T. -0.01 min
Lab File: BM021831.D
Acq: 05 Aug 2019 03:32

Tgt Ion:228 Resp: 1030

Ion	Ratio	Lower	Upper
228	100		
226	43.4	24.9	37.3#
229	35.9	16.6	25.0#

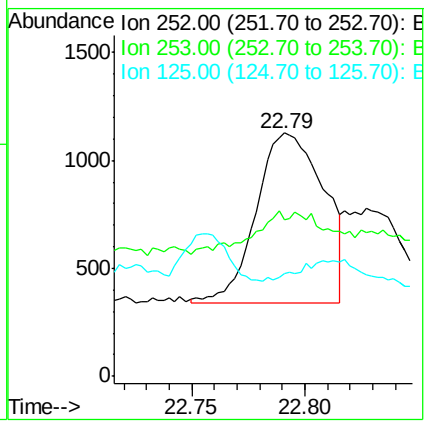




#21
Benzo(b)fluoranthene
Concen: 0.070 ng/ul m
RT: 22.79 min Scan# 6476
Delta R.T. -0.01 min
Lab File: BM021831.D
Acq: 05 Aug 2019 03:32

Tgt Ion:252 Resp: 1624

Ion	Ratio	Lower	Upper
252	100		
253	64.2	0.0	67.4
125	42.2	0.0	31.0#



Instrument :
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ClientSampleId :
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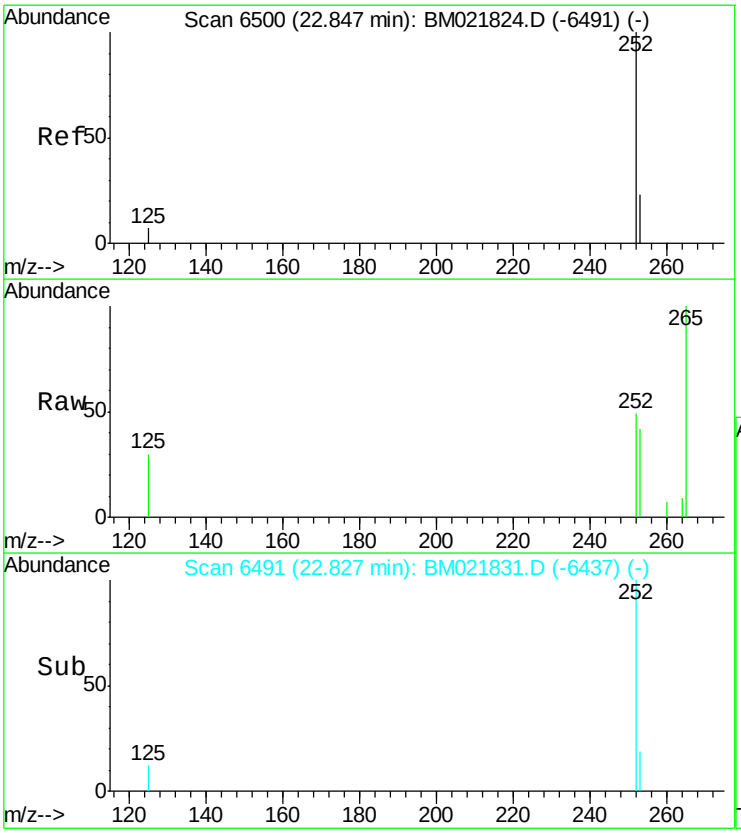
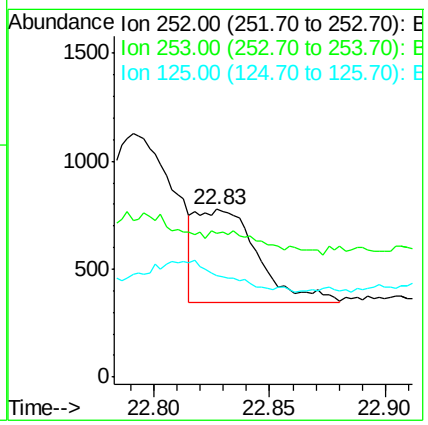
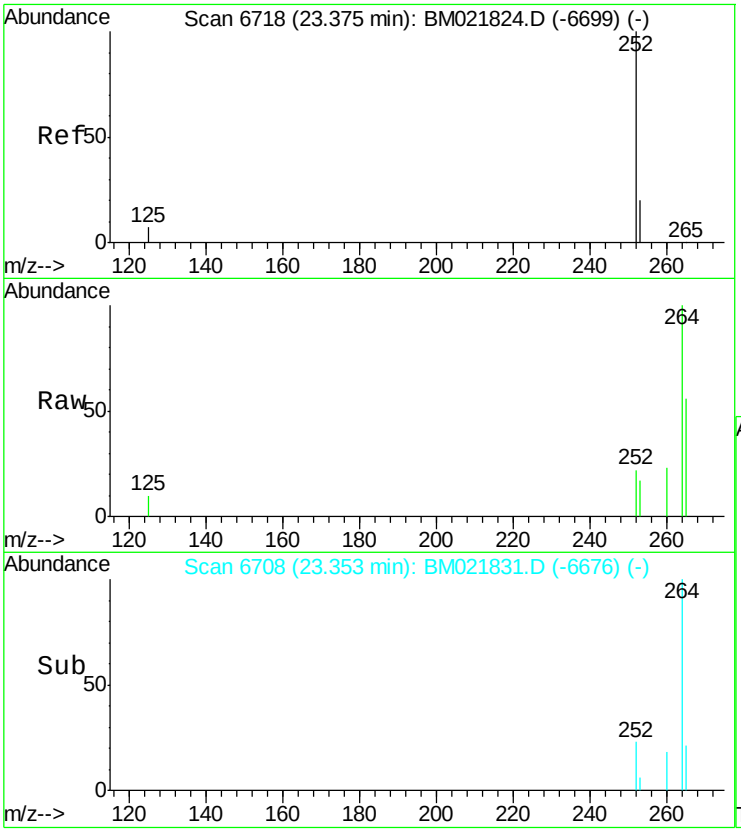


#22
Benzo(k)fluoranthene
Concen: 0.030 ng/ul m
RT: 22.83 min Scan# 6491
Delta R.T. -0.02 min
Lab File: BM021831.D
Acq: 05 Aug 2019 03:32

Tgt Ion:252 Resp: 799

Ion	Ratio	Lower	Upper
252	100		
253	85.6	27.0	40.4#
125	60.5	12.2	18.2#

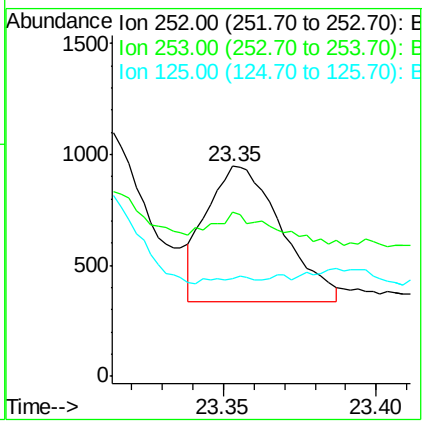




#23
Benzo(a)pyrene
Concen: 0.044 ng/ul m
RT: 23.35 min Scan# 6708
Delta R.T. -0.02 min
Lab File: BM021831.D
Acq: 05 Aug 2019 03:32

Tgt Ion:252 Resp: 1035

Ion	Ratio	Lower	Upper
252	100		
253	78.0	31.7	47.5#
125	46.7	14.6	21.8#



Instrument :
BNA_M
ClientSampleId :
A52F3

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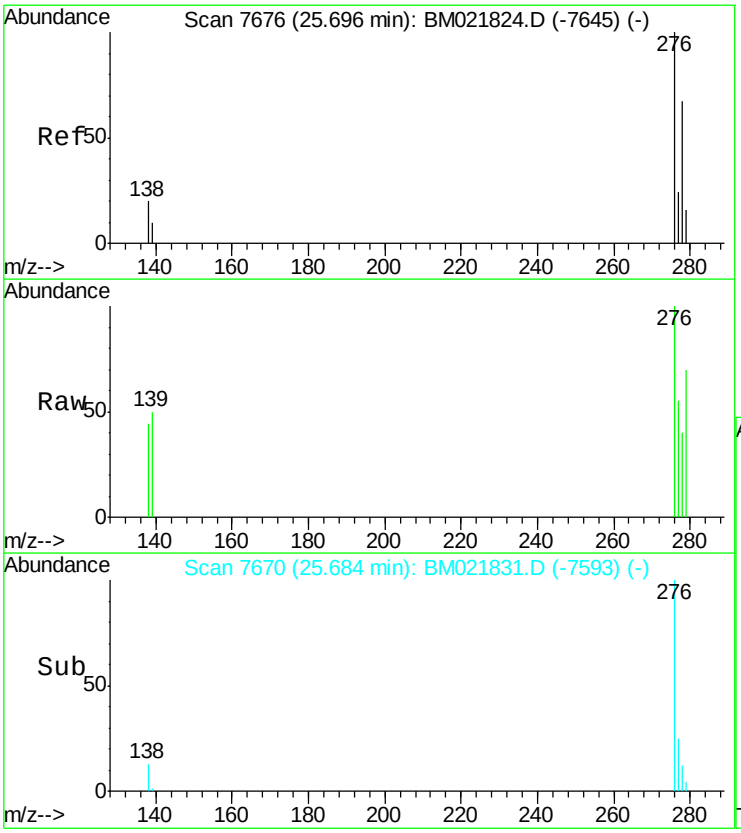
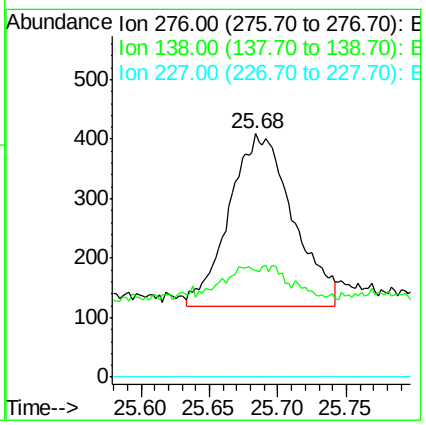
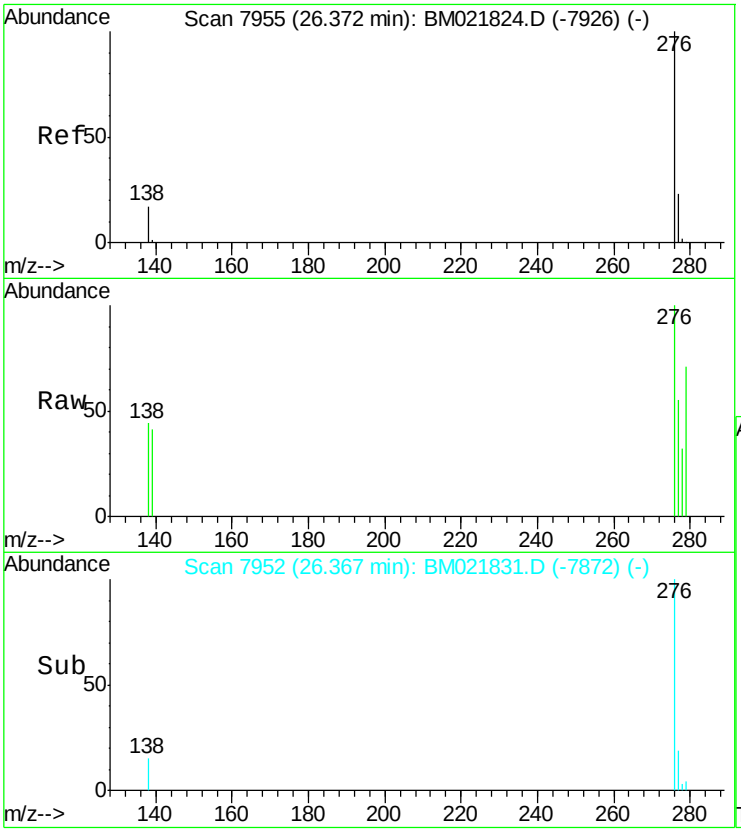


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.033 ng/ul m
RT: 25.68 min Scan# 7670
Delta R.T. -0.01 min
Lab File: BM021831.D
Acq: 05 Aug 2019 03:32

Tgt Ion:276 Resp: 936

Ion	Ratio	Lower	Upper
276	100		
138	7.2	15.1	22.7#
227	0.0	0.0	0.0

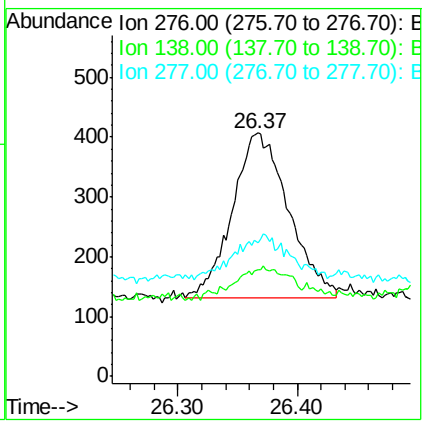




#26
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul m
RT: 26.37 min Scan# 7952
Delta R.T. -0.00 min
Lab File: BM021831.D
Acq: 05 Aug 2019 03:32

Tgt Ion:276 Resp: 906

Ion	Ratio	Lower	Upper
276	100		
138	43.7	15.5	23.3#
277	55.0	21.4	32.2#



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