Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022079.D
Acq On : 13 Aug 2019 20:38
Operator : HP/JU
Sample : K4183-16
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG3

Manual Integrations APPROVED
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Quant Time: Aug 14 07:59:26 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 14 07:18:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	662	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	2711	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1475	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	3760m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.23	240	4235m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4286m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	734	0.16	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	2525m	0.20	ng/ul	-0.02
Target Compounds						Qvalue
12) Phenanthrene	17.05	178	1024m	0.094	ng/ul	
15) Fluoranthene	19.08	202	1981m	0.135	ng/ul	
17) Pyrene	19.45	202	2125m	0.122	ng/ul	
18) Benzo(a)anthracene	21.21	228	1228	0.081	ng/ul#	48
19) Chrysene	21.27	228	1446	0.074	ng/ul#	52
21) Benzo(b)fluoranthene	22.78	252	1783m	0.123	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	737m	0.045	ng/ul	
23) Benzo(a)pyrene	23.33	252	1074	0.073	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.66	276	887	0.051	ng/ul#	76
26) Benzo(g,h,i)perylene	26.34	276	940	0.059	ng/ul#	1

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

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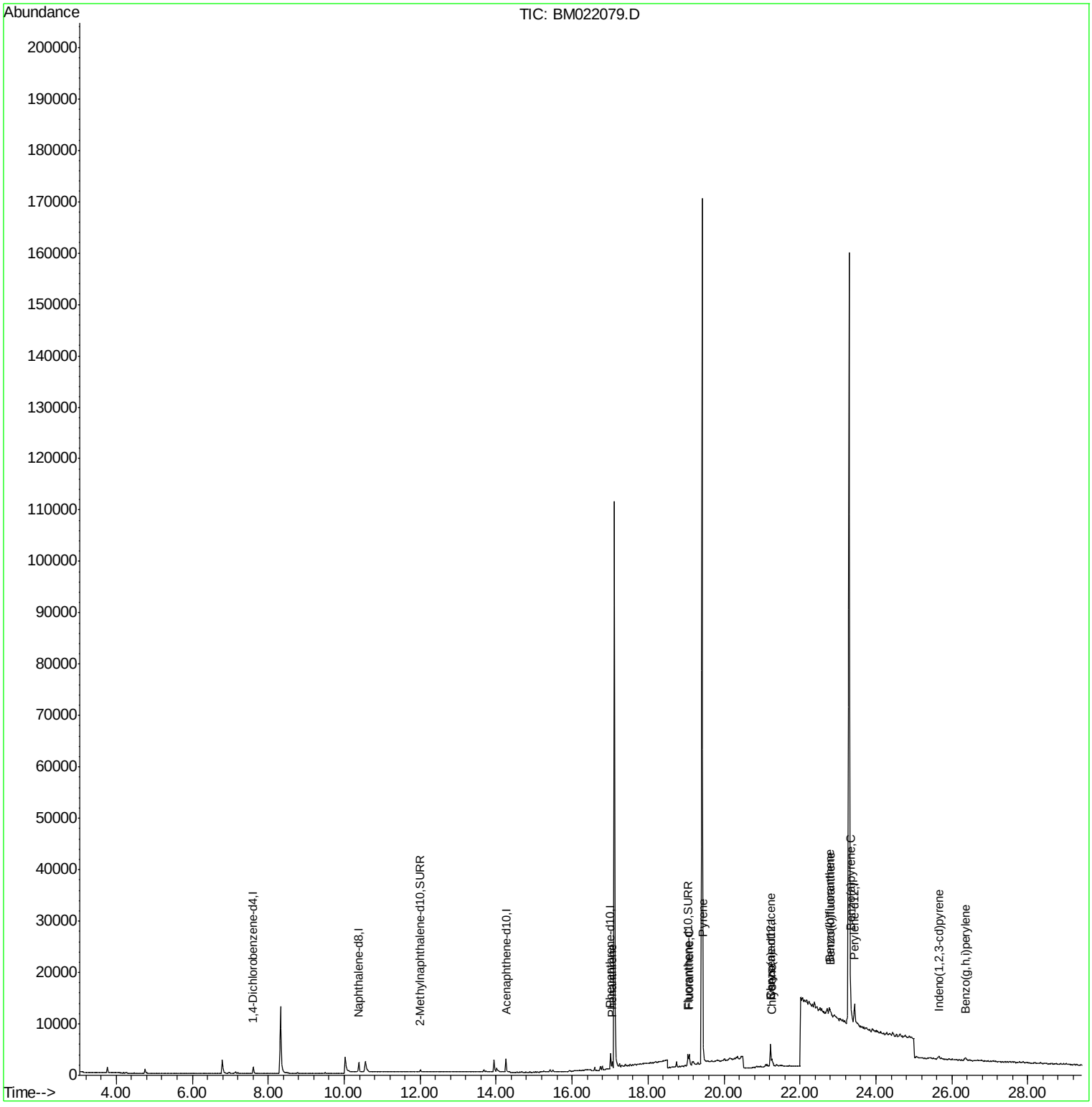

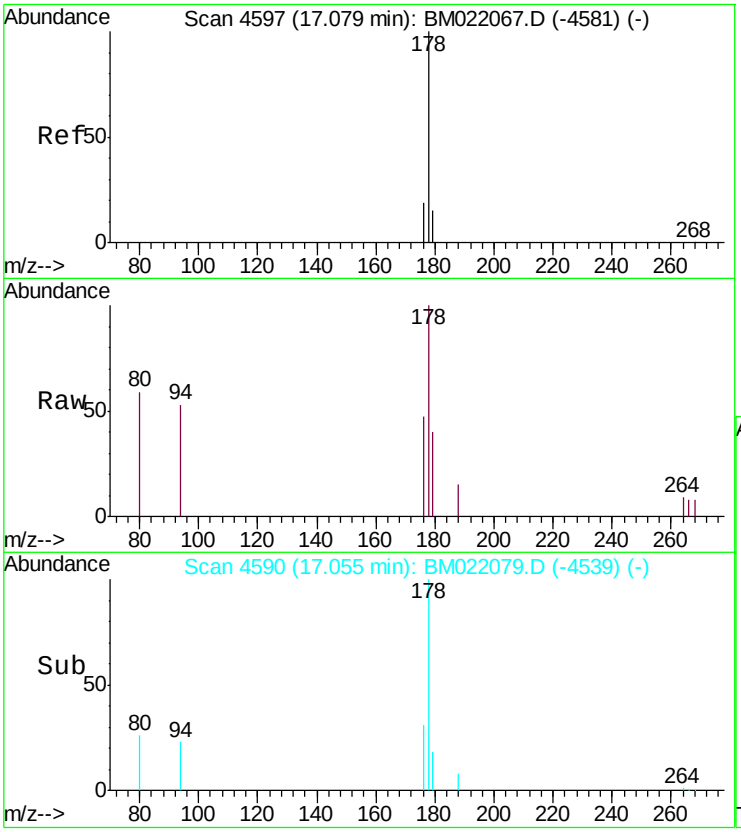

#12
Phenanthrene
Concen: 0.094 ng/ul m
RT: 17.05 min Scan# 4590
Delta R.T. -0.02 min
Lab File: BM022079.D
Acq: 13 Aug 2019 20:38

Tgt Ion:178 Resp: 1024

Ion	Ratio	Lower	Upper
178	100		
179	39.7	14.2	21.2#
176	47.0	16.8	25.2#

Instrument :
BNA_M
ClientSampleId :
C0AG3

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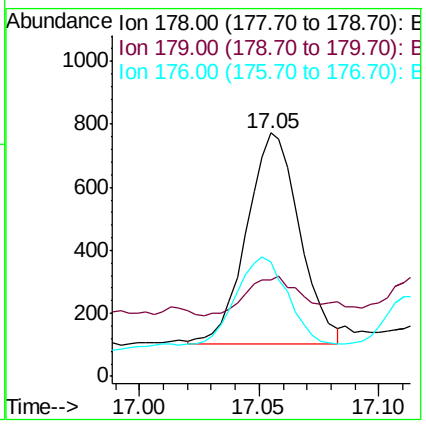
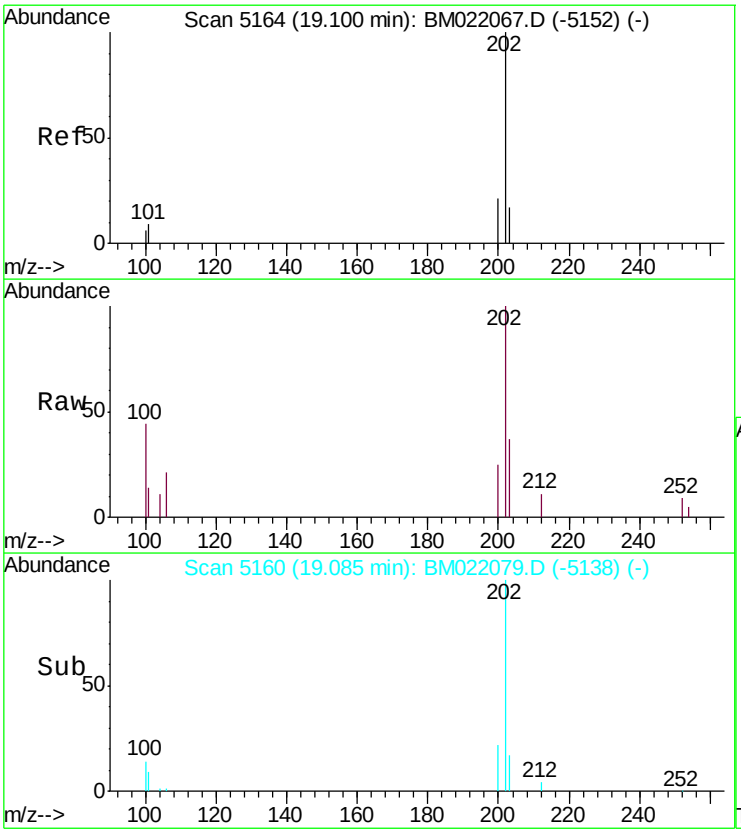
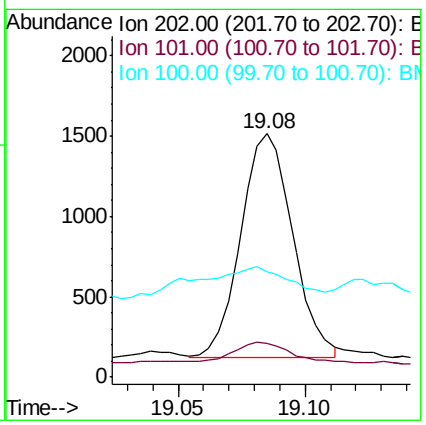


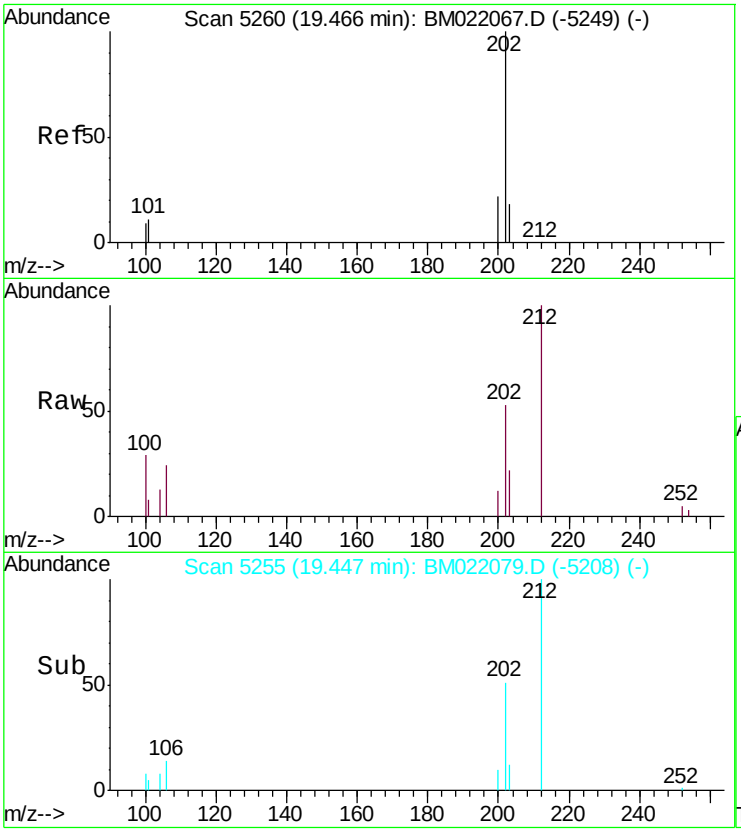


#15
Fluoranthene
Concen: 0.135 ng/ul m
RT: 19.08 min Scan# 5160
Delta R.T. -0.02 min
Lab File: BM022079.D
Acq: 13 Aug 2019 20:38

Tgt Ion:202 Resp: 1981

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	30.2
100	43.5	0.0	28.1#

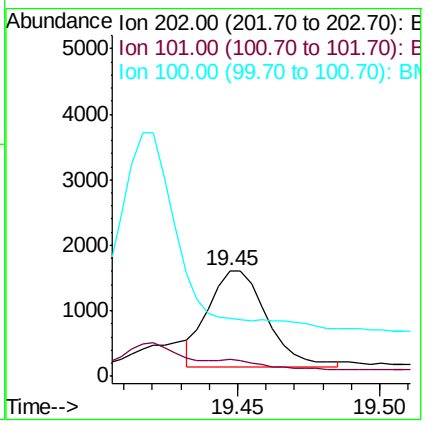




#17
Pyrene
Concen: 0.122 ng/ul m
RT: 19.45 min Scan# 5255
Delta R.T. -0.02 min
Lab File: BM022079.D
Acq: 13 Aug 2019 20:38

Tgt Ion:202 Resp: 2125

Ion	Ratio	Lower	Upper
202	100		
101	15.5	8.3	12.5#
100	55.3	7.2	10.8#



Instrument :
BNA_M
ClientSampleId :
C0AG3

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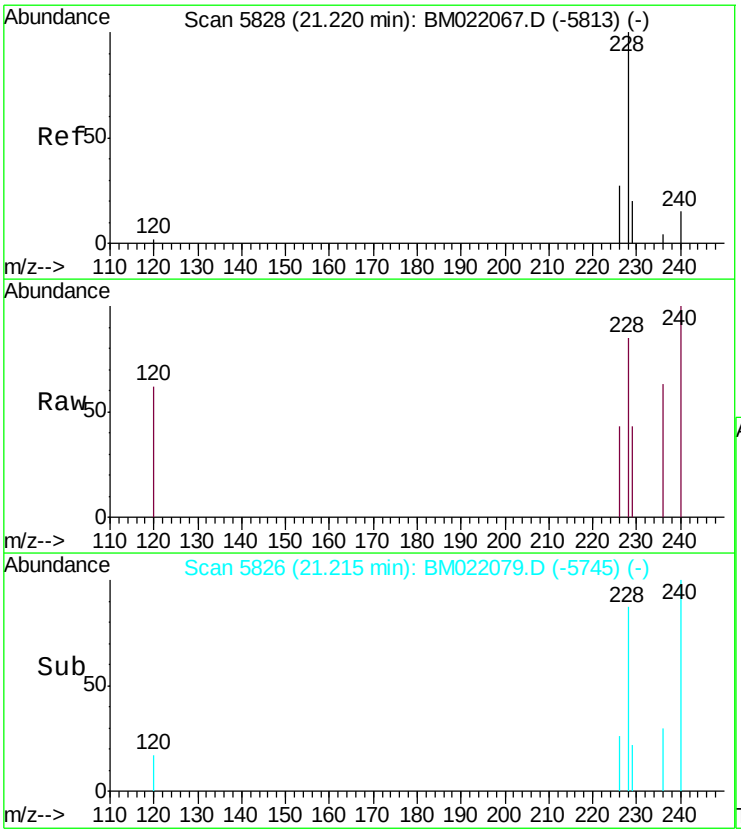
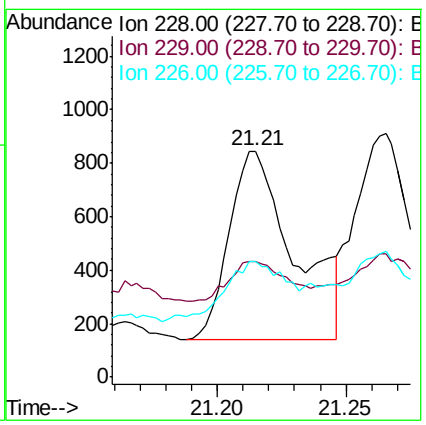
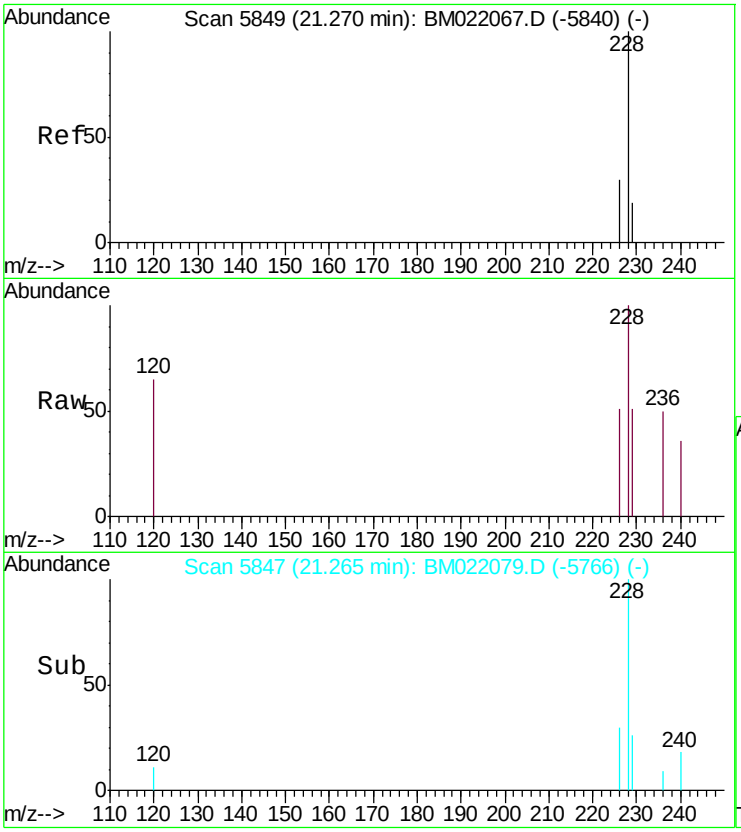


#18
Benzo(a)anthracene
Concen: 0.081 ng/ul
RT: 21.21 min Scan# 5826
Delta R.T. -0.00 min
Lab File: BM022079.D
Acq: 13 Aug 2019 20:38

Tgt Ion:228 Resp: 1228

Ion	Ratio	Lower	Upper
228	100		
229	51.4	17.2	25.8#
226	51.3	22.6	34.0#





#19
Chrysene
Concen: 0.074 ng/ul
RT: 21.27 min Scan# 5847
Delta R.T. -0.00 min
Lab File: BM022079.D
Acq: 13 Aug 2019 20:38

Tgt Ion:228 Resp: 1446

Ion	Ratio	Lower	Upper
228	100		
226	51.5	24.9	37.3#
229	50.6	16.6	25.0#

Instrument :
BNA_M
ClientSampleId :
C0AG3

Manual Integrations APPROVED
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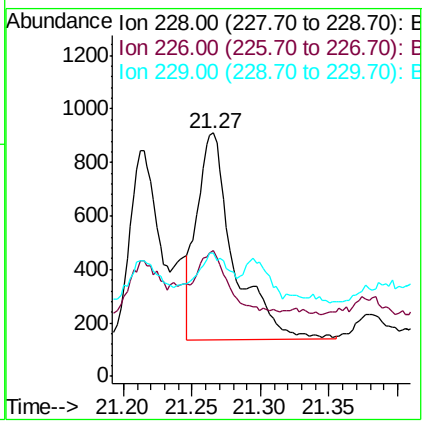
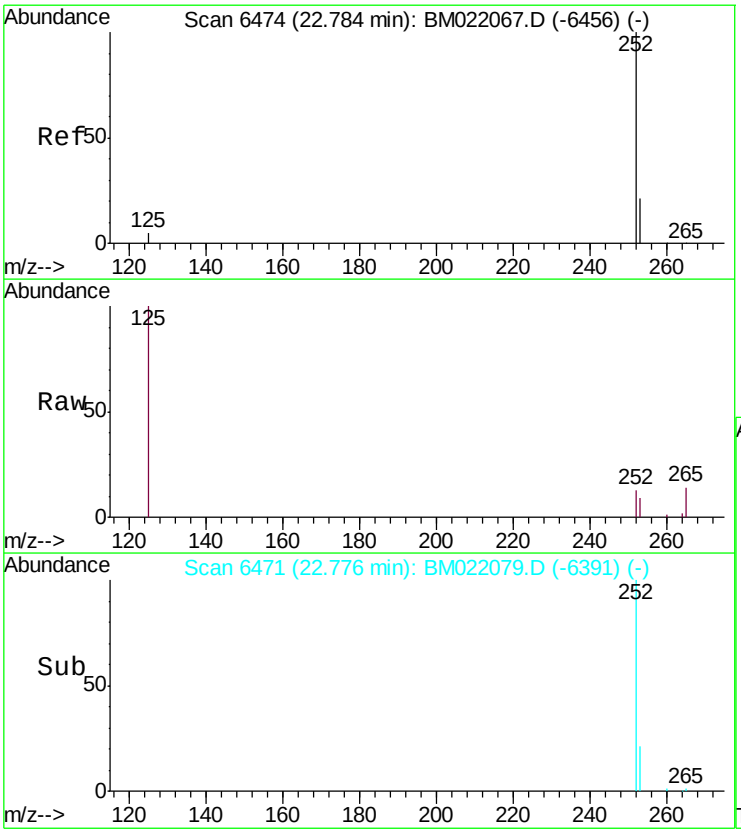
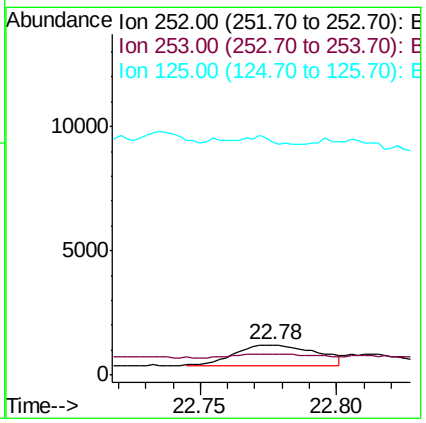


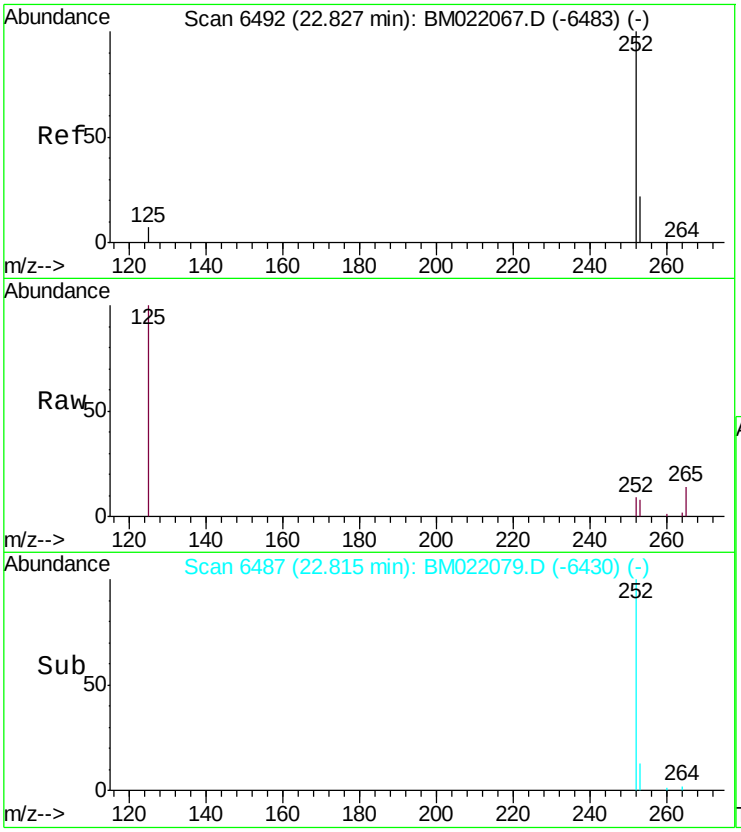


#21
Benzo(b)fluoranthene
Concen: 0.123 ng/ul m
RT: 22.78 min Scan# 6471
Delta R.T. -0.01 min
Lab File: BM022079.D
Acq: 13 Aug 2019 20:38

Tgt Ion:252 Resp: 1783

Ion	Ratio	Lower	Upper
252	100		
253	68.5	0.0	67.4#
125	766.1	0.0	31.0#





#22
Benzo(k)fluoranthene
Concen: 0.045 ng/ul m
RT: 22.82 min Scan# 6487
Delta R.T. -0.01 min
Lab File: BM022079.D
Acq: 13 Aug 2019 20:38

Tgt Ion:252 Resp: 737

Ion	Ratio	Lower	Upper
252	100		
253	90.9	27.0	40.4#
125	1122.0	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
C0AG3

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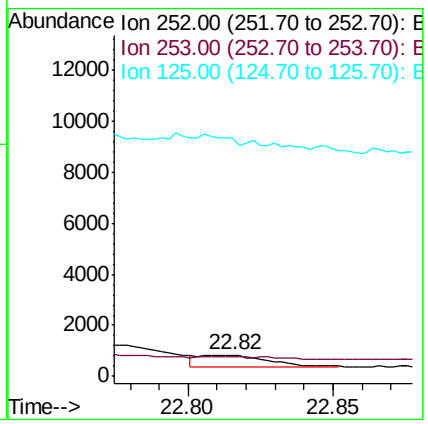
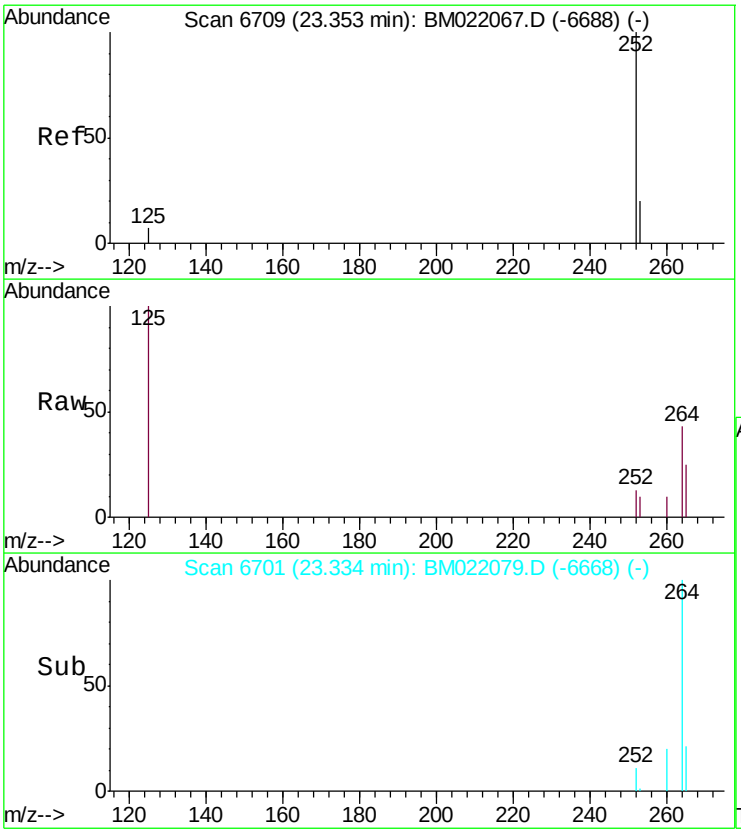
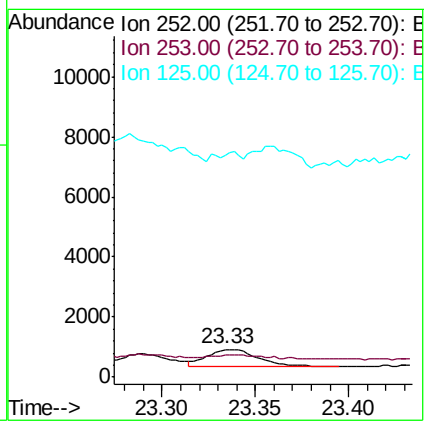


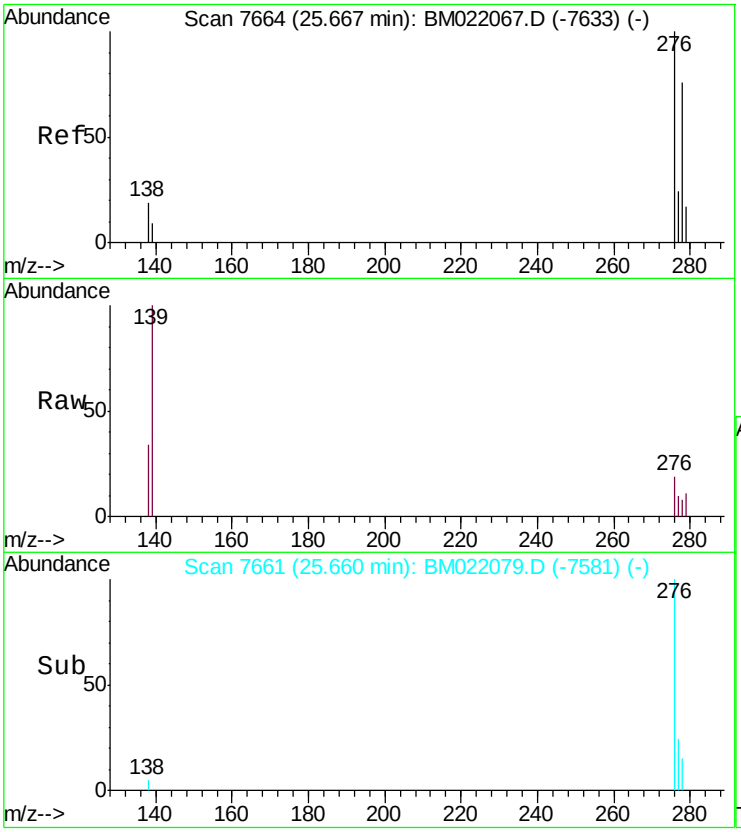


#23
Benzo(a)pyrene
Concen: 0.073 ng/ul
RT: 23.33 min Scan# 6701
Delta R.T. -0.02 min
Lab File: BM022079.D
Acq: 13 Aug 2019 20:38

Tgt Ion:252 Resp: 1074

Ion	Ratio	Lower	Upper
252	100		
253	78.8	31.7	47.5#
125	795.8	14.6	21.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.051 ng/ul
RT: 25.66 min Scan# 7661
Delta R.T. -0.01 min
Lab File: BM022079.D
Acq: 13 Aug 2019 20:38

Tgt Ion:276 Resp: 887

Ion	Ratio	Lower	Upper
276	100		
138	7.9	15.1	22.7#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
C0AG3

Manual Integrations APPROVED
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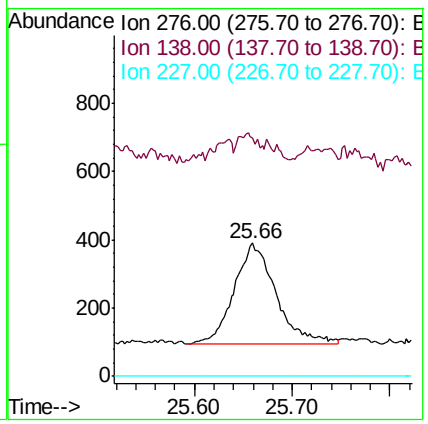

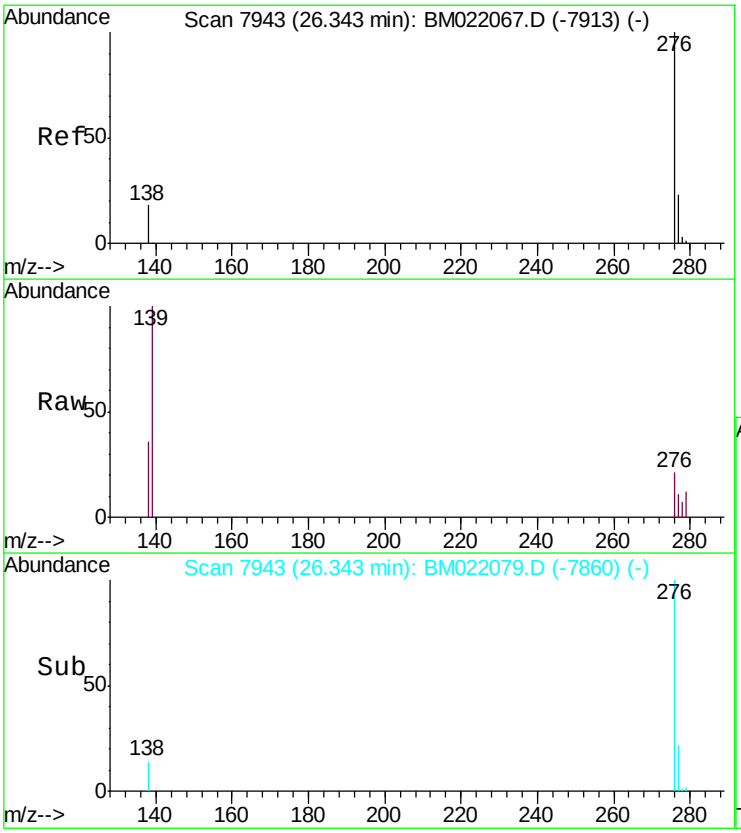

#26
Benzo(g,h,i)perylene
Concen: 0.059 ng/ul
RT: 26.34 min Scan# 7943
Delta R.T. -0.00 min
Lab File: BM022079.D
Acq: 13 Aug 2019 20:38

Tgt Ion:276 Resp: 940

Ion	Ratio	Lower	Upper
276	100		
138	169.0	15.5	23.3#
277	53.2	21.4	32.2#