Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022078.D
Acq On : 13 Aug 2019 20:02
Operator : HP/JU
Sample : K4183-11
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE9

Manual Integrations APPROVED
mohammad
8/15/2019 5:07:42 PM

Quant Time: Aug 14 07:54:51 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	7.61	152	645	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	2679	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1481	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	3452m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.23	240	3250m	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	3372m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	807	0.18	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	2321m	0.20	ng/ul	-0.02
Target Compounds						Qvalue
12) Phenanthrene	17.06	178	509m	0.051	ng/ul	
15) Fluoranthene	19.08	202	960m	0.071	ng/ul	
17) Pyrene	19.45	202	976	0.073	ng/ul#	69
18) Benzo(a)anthracene	21.21	228	698	0.060	ng/ul#	74
19) Chrysene	21.27	228	565	0.038	ng/ul#	75
21) Benzo(b)fluoranthene	22.77	252	954m	0.084	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	422m	0.033	ng/ul	
23) Benzo(a)pyrene	23.34	252	621	0.054	ng/ul#	35
24) Indeno(1,2,3-cd)pyrene	25.65	276	498	0.036	ng/ul#	92
26) Benzo(g,h,i)perylene	26.34	276	553	0.044	ng/ul#	41

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

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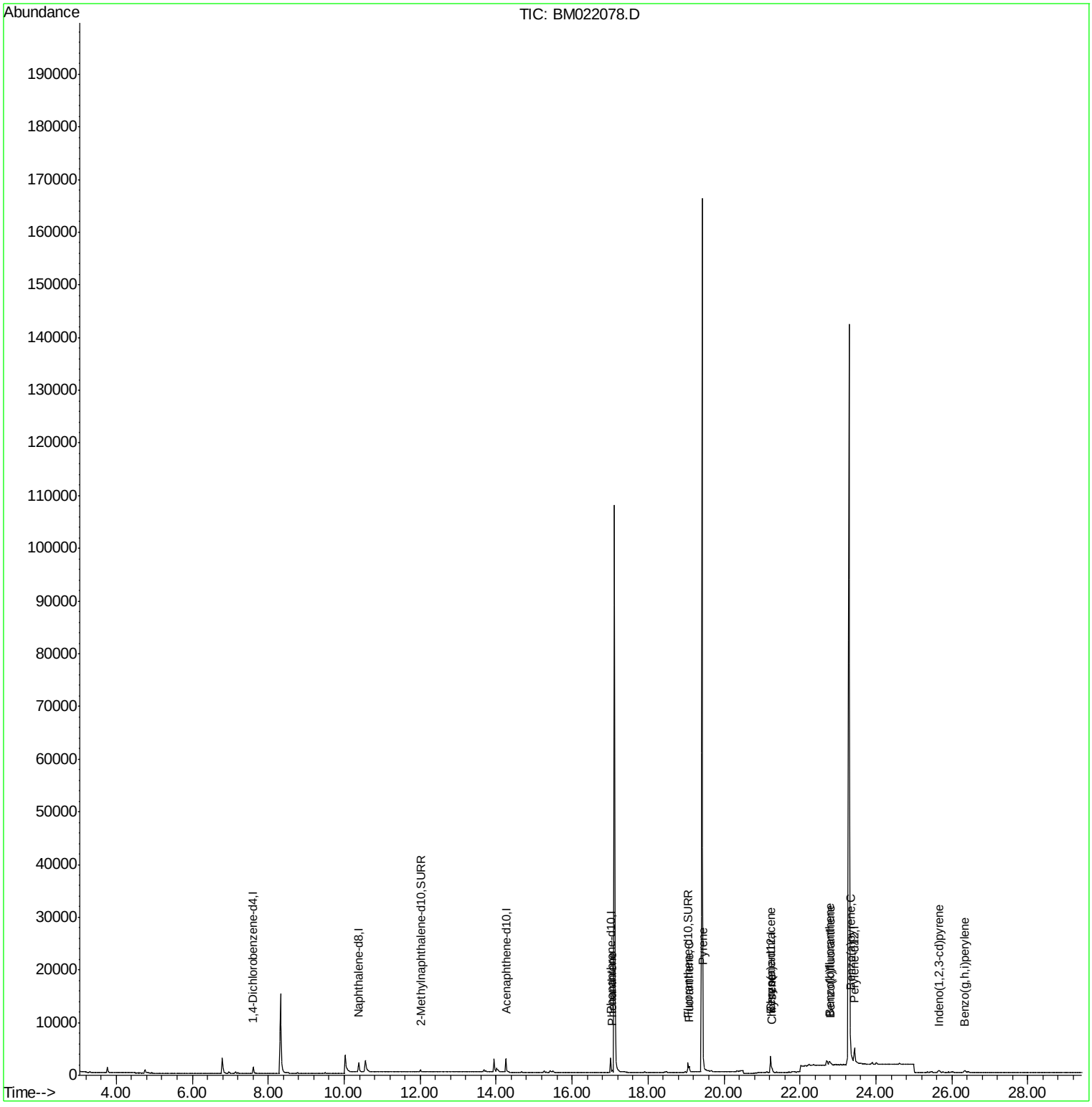
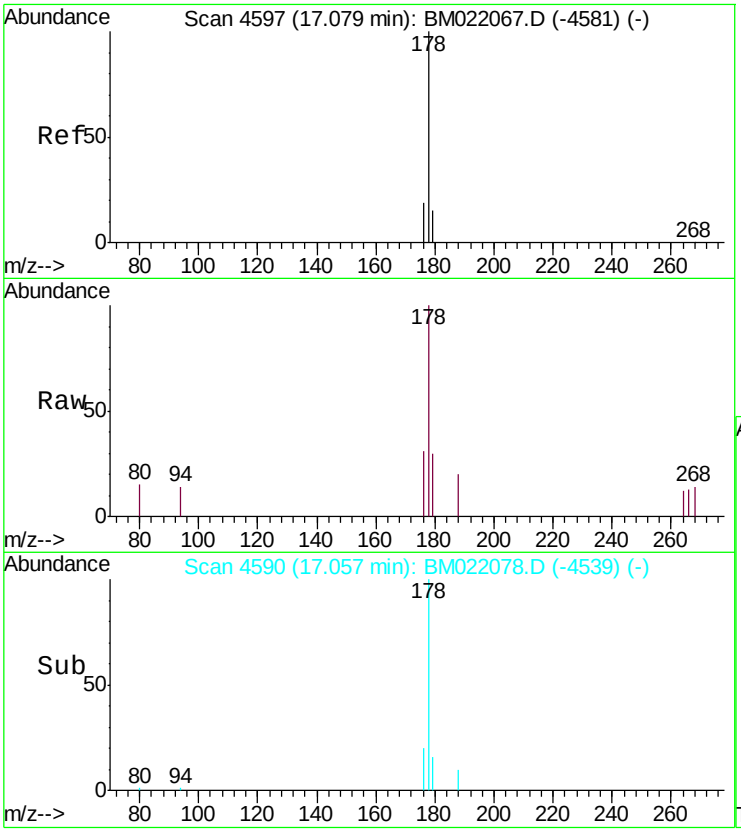
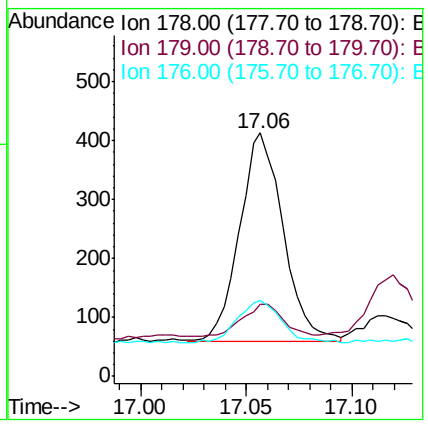




#12
Phenanthrene
Concen: 0.051 ng/ul m
RT: 17.06 min Scan# 4590
Delta R.T. -0.02 min
Lab File: BM022078.D
Acq: 13 Aug 2019 20:02

Tgt Ion:178 Resp: 509

Ion	Ratio	Lower	Upper
178	100		
179	29.5	14.2	21.2#
176	31.2	16.8	25.2#



Instrument :
BNA_M
ClientSampleId :
C0AE9

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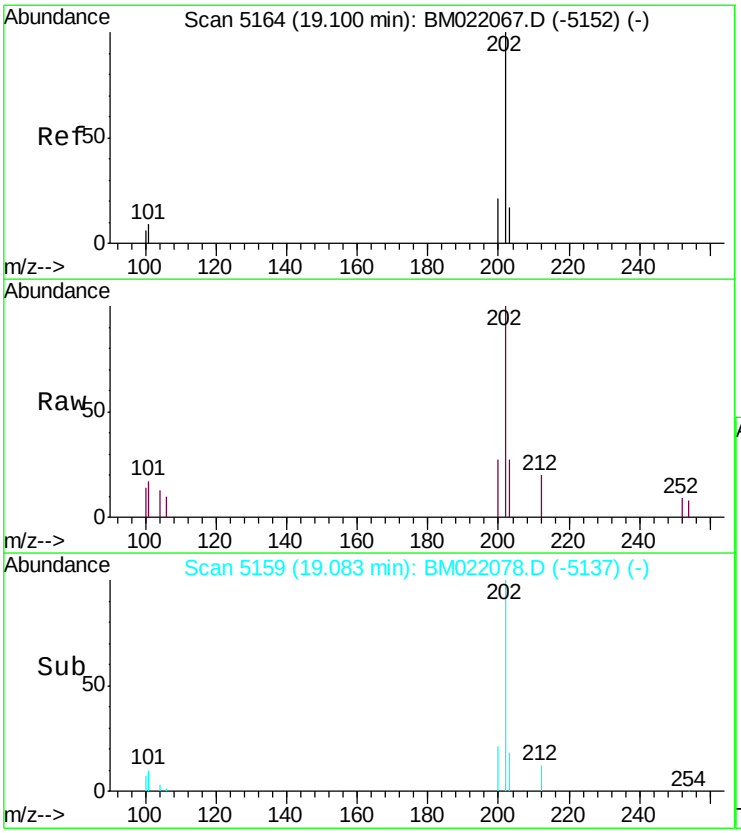
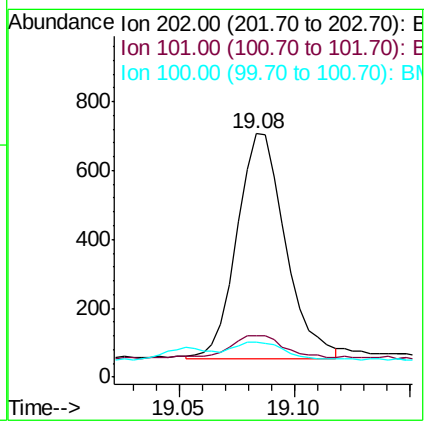
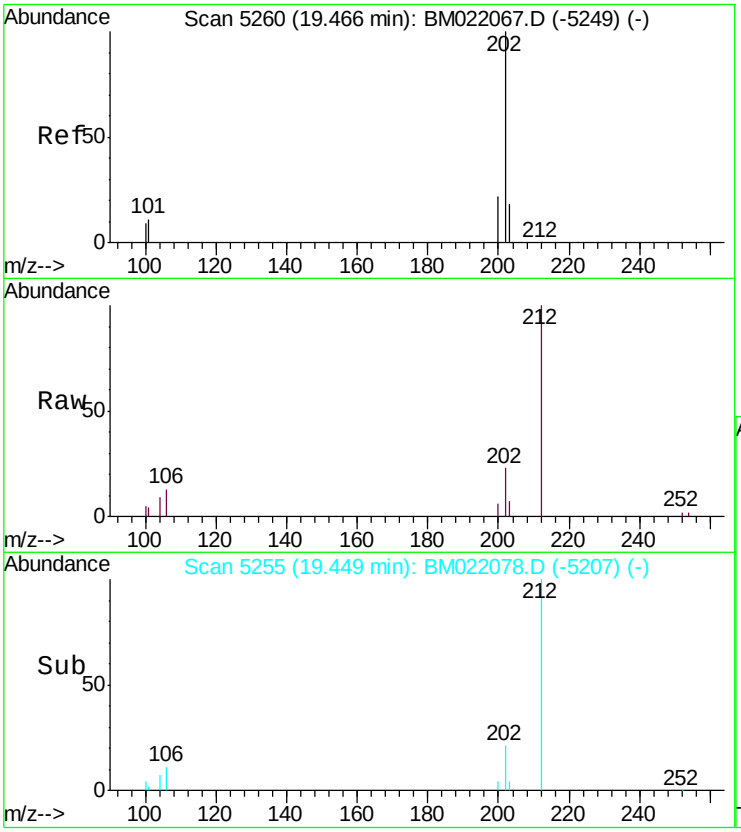


#15
Fluoranthene
Concen: 0.071 ng/ul m
RT: 19.08 min Scan# 5159
Delta R.T. -0.02 min
Lab File: BM022078.D
Acq: 13 Aug 2019 20:02

Tgt Ion:202 Resp: 960

Ion	Ratio	Lower	Upper
202	100		
101	17.3	0.0	30.2
100	14.1	0.0	28.1





#17
Pyrene
Concen: 0.073 ng/ul
RT: 19.45 min Scan# 5255
Delta R.T. -0.02 min
Lab File: BM022078.D
Acq: 13 Aug 2019 20:02

Tgt Ion:202 Resp: 976

Ion	Ratio	Lower	Upper
202	100		
101	18.7	8.3	12.5#
100	24.1	7.2	10.8#

Instrument :
BNA_M
ClientSampleId :
C0AE9

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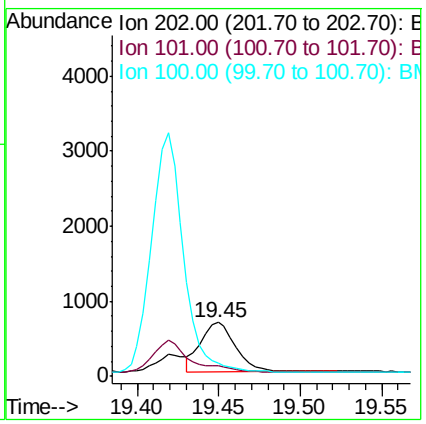
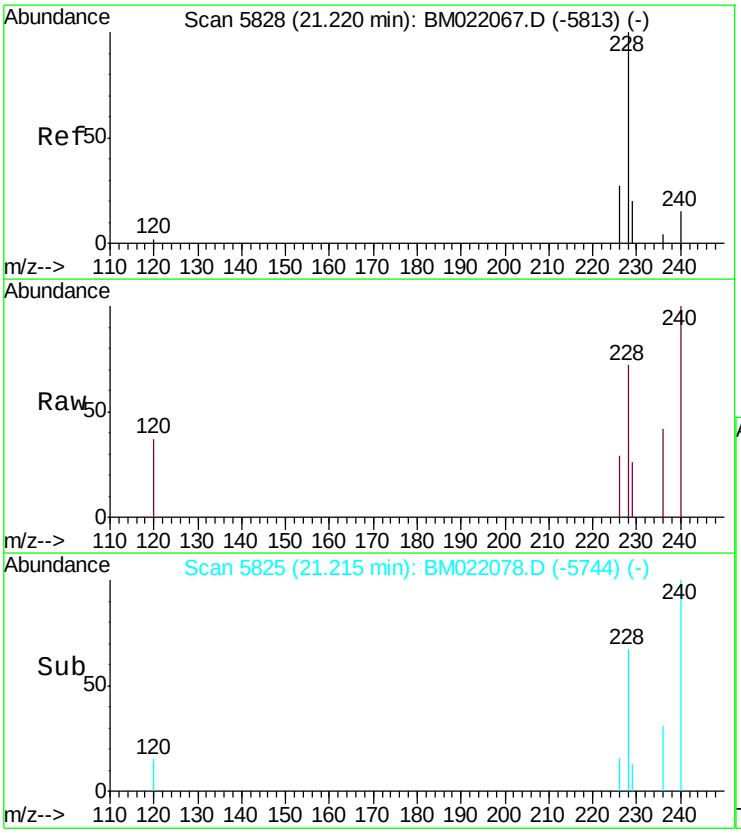
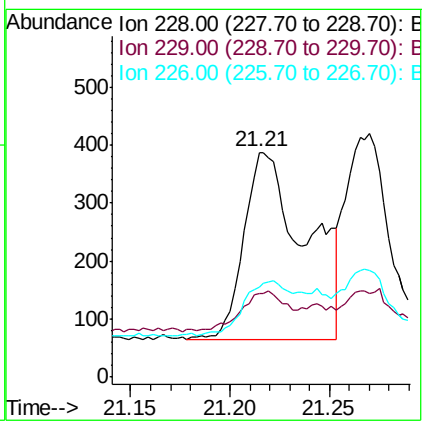


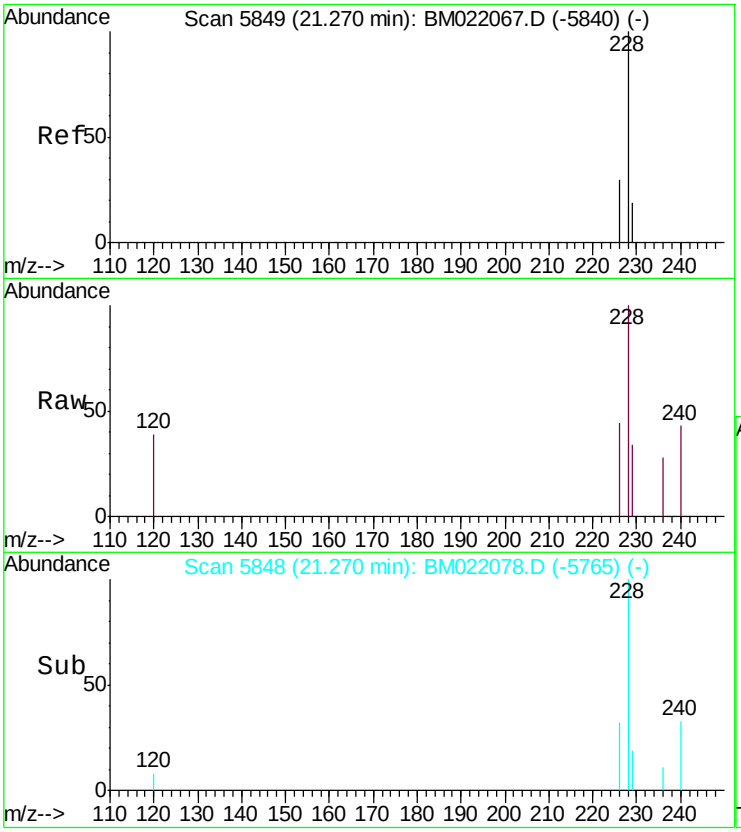


#18
Benzo(a)anthracene
Concen: 0.060 ng/ul
RT: 21.21 min Scan# 5825
Delta R.T. -0.00 min
Lab File: BM022078.D
Acq: 13 Aug 2019 20:02

Tgt Ion:228 Resp: 698

Ion	Ratio	Lower	Upper
228	100		
229	36.9	17.2	25.8#
226	39.7	22.6	34.0#





#19
Chrysene
Concen: 0.038 ng/ul
RT: 21.27 min Scan# 5848
Delta R.T. -0.00 min
Lab File: BM022078.D
Acq: 13 Aug 2019 20:02

Tgt Ion:228 Resp: 565

Ion	Ratio	Lower	Upper
228	100		
226	43.6	24.9	37.3#
229	34.3	16.6	25.0#

Instrument :
BNA_M
ClientSampleId :
C0AE9

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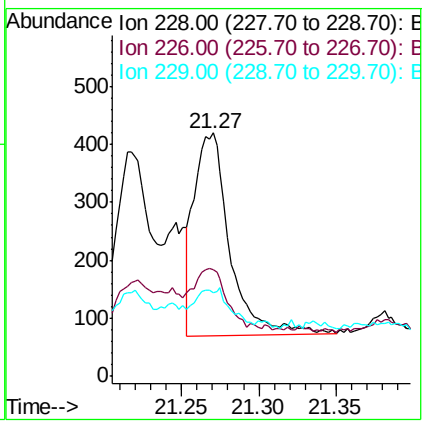
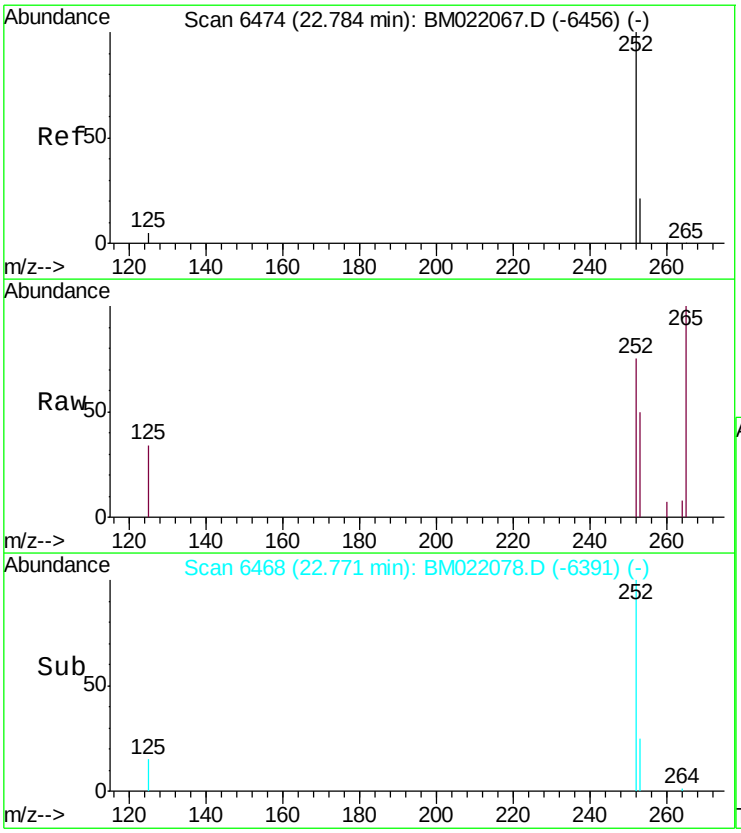
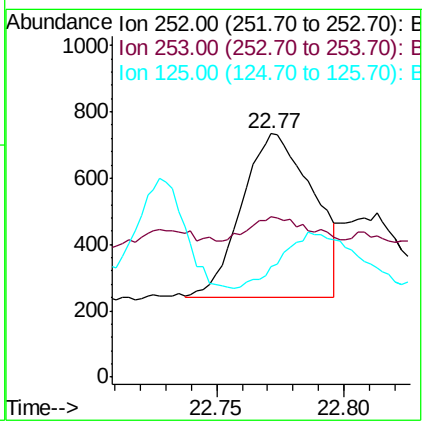


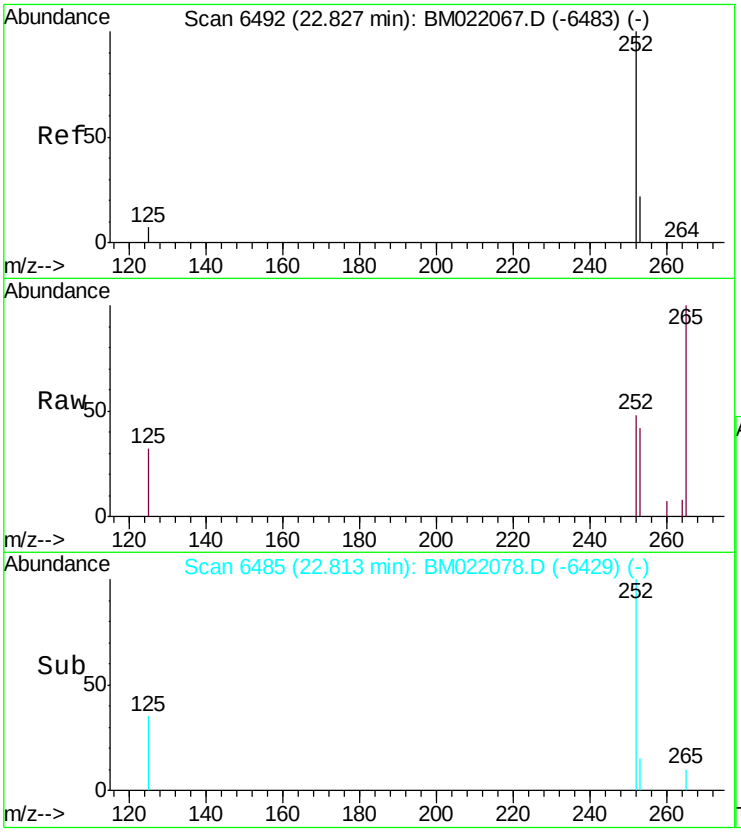


#21
Benzo(b)fluoranthene
Concen: 0.084 ng/ul m
RT: 22.77 min Scan# 6468
Delta R.T. -0.01 min
Lab File: BM022078.D
Acq: 13 Aug 2019 20:02

Tgt Ion:252 Resp: 954

Ion	Ratio	Lower	Upper
252	100		
253	65.9	0.0	67.4
125	45.2	0.0	31.0#

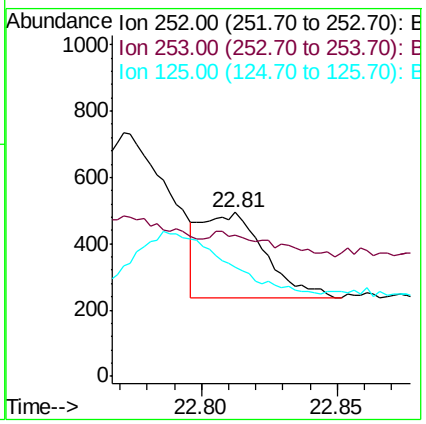




#22
Benzo(k)fluoranthene
Concen: 0.033 ng/ul m
RT: 22.81 min Scan# 6485
Delta R.T. -0.01 min
Lab File: BM022078.D
Acq: 13 Aug 2019 20:02

Tgt Ion:252 Resp: 422

Ion	Ratio	Lower	Upper
252	100		
253	85.8	27.0	40.4#
125	66.6	12.2	18.2#



Instrument :
BNA_M
ClientSampleId :
C0AE9

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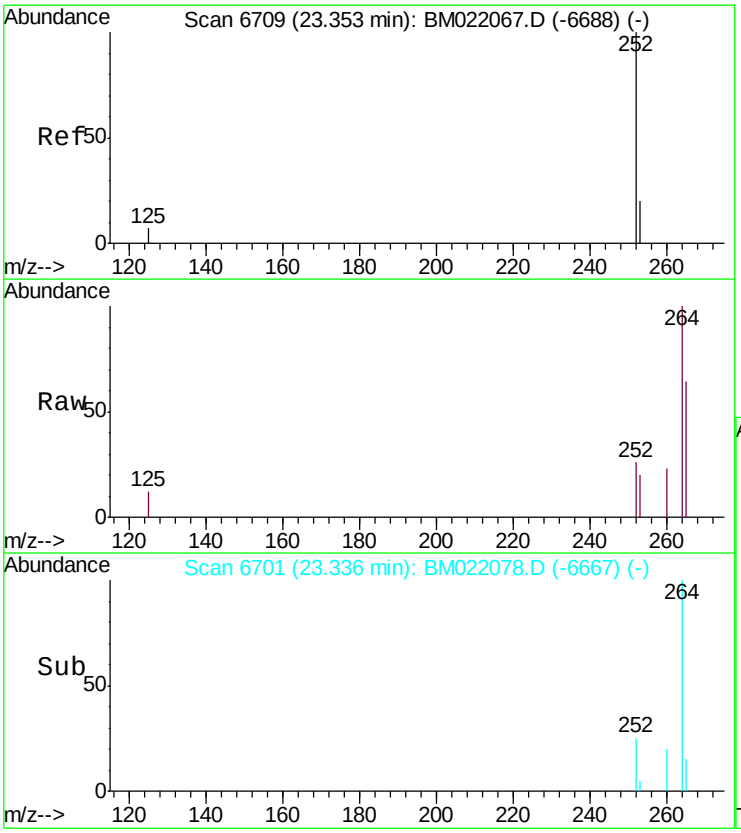
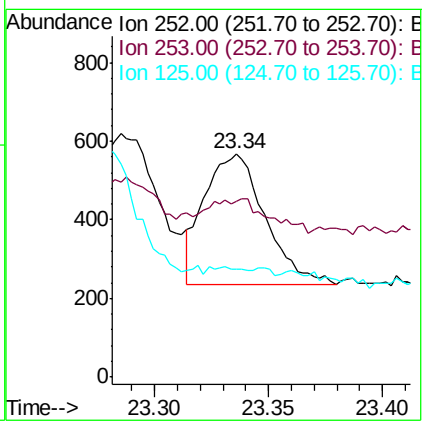
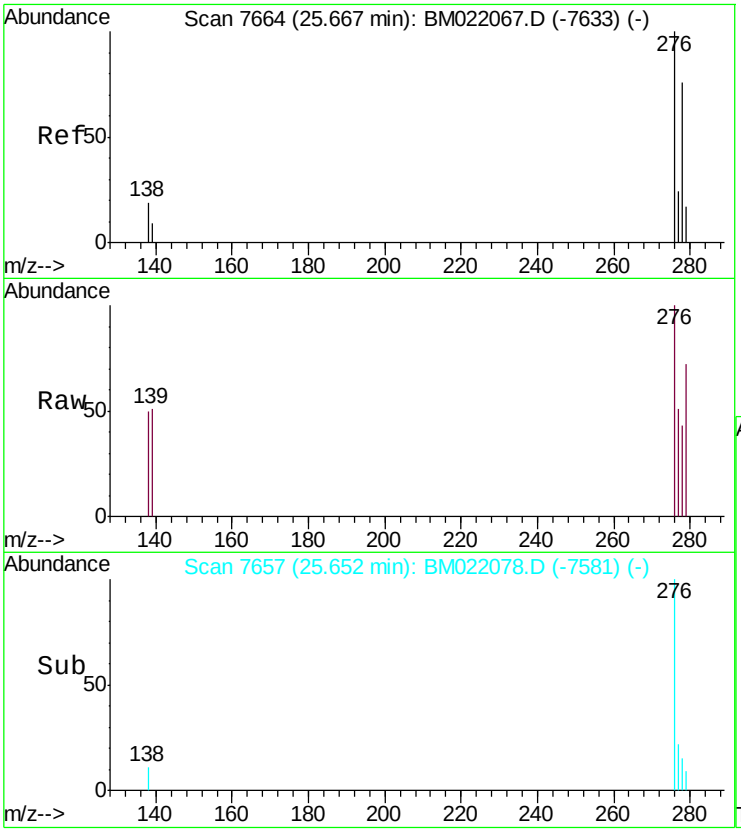


#23
Benzo(a)pyrene
Concen: 0.054 ng/ul
RT: 23.34 min Scan# 6701
Delta R.T. -0.02 min
Lab File: BM022078.D
Acq: 13 Aug 2019 20:02

Tgt Ion:252 Resp: 621

Ion	Ratio	Lower	Upper
252	100		
253	78.7	31.7	47.5#
125	48.1	14.6	21.8#

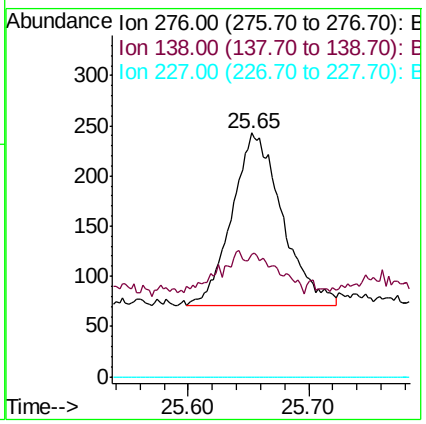




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng/ul
RT: 25.65 min Scan# 7657
Delta R.T. -0.01 min
Lab File: BM022078.D
Acq: 13 Aug 2019 20:02

Tgt Ion:276 Resp: 498

Ion	Ratio	Lower	Upper
276	100		
138	22.5	15.1	22.7
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
C0AE9

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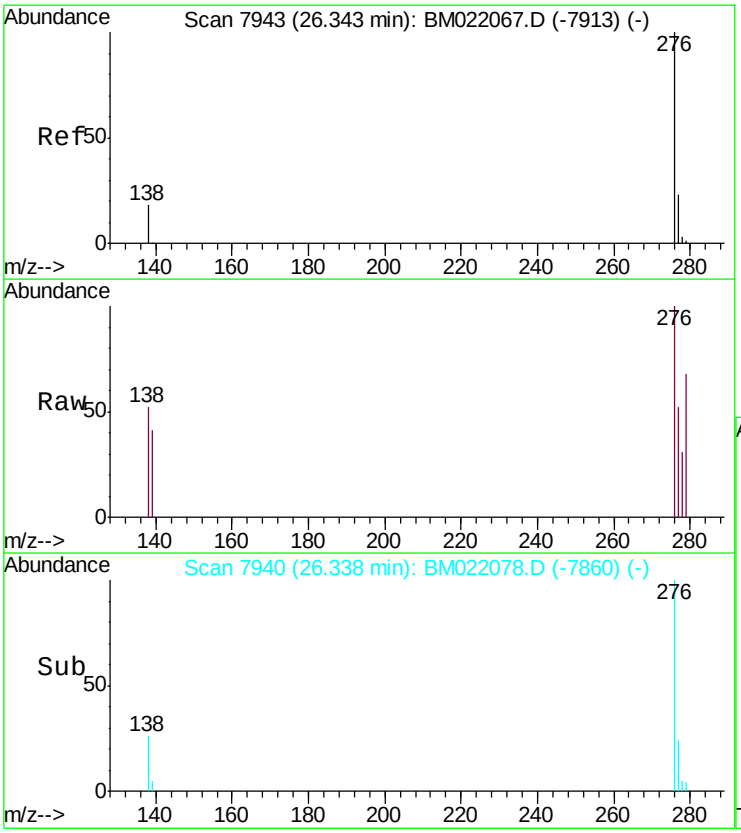

#26
Benzo(g,h,i)perylene
Concen: 0.044 ng/ul
RT: 26.34 min Scan# 7940
Delta R.T. -0.01 min
Lab File: BM022078.D
Acq: 13 Aug 2019 20:02

Tgt Ion:276 Resp: 553

Ion	Ratio	Lower	Upper
276	100		
138	52.0	15.5	23.3#
277	52.4	21.4	32.2#