Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\

Quantitation Report (QT Reviewed)

Data File : BM022037.D
Acq On : 12 Aug 2019 18:20
Operator : HP/JU
Sample : K3962-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP10

Manual Integrations APPROVED
Sohil
8/13/2019 9:56:33 AM

Quant Time: Aug 12 18:56:42 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 12 18:02:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	780	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	3139	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	1685	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	3951m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.23	240	3595m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	3367m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1095	0.21	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	3224m	0.24	ng/ul	-0.02
Target Compounds						Qvalue
7) Acenaphthylene	13.98	152	212	0.027	ng/ul#	52
12) Phenanthrene	17.06	178	661m	0.057	ng/ul	
15) Fluoranthene	19.09	202	1696m	0.110	ng/ul	
17) Pyrene	19.45	202	1645	0.111	ng/ul#	82
18) Benzo(a)anthracene	21.22	228	968	0.075	ng/ul#	82
19) Chrysene	21.27	228	993	0.060	ng/ul#	85
21) Benzo(b)fluoranthene	22.78	252	1537m	0.135	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	563m	0.044	ng/ul	
23) Benzo(a)pyrene	23.34	252	1034	0.090	ng/ul#	61
24) Indeno(1,2,3-cd)pyrene	25.66	276	750	0.054	ng/ul#	100
26) Benzo(g,h,i)perylene	26.35	276	838	0.068	ng/ul#	62

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\

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Instrument :
BNA_M
ClientSampleId :
BEP10

Manual Integrations APPROVED
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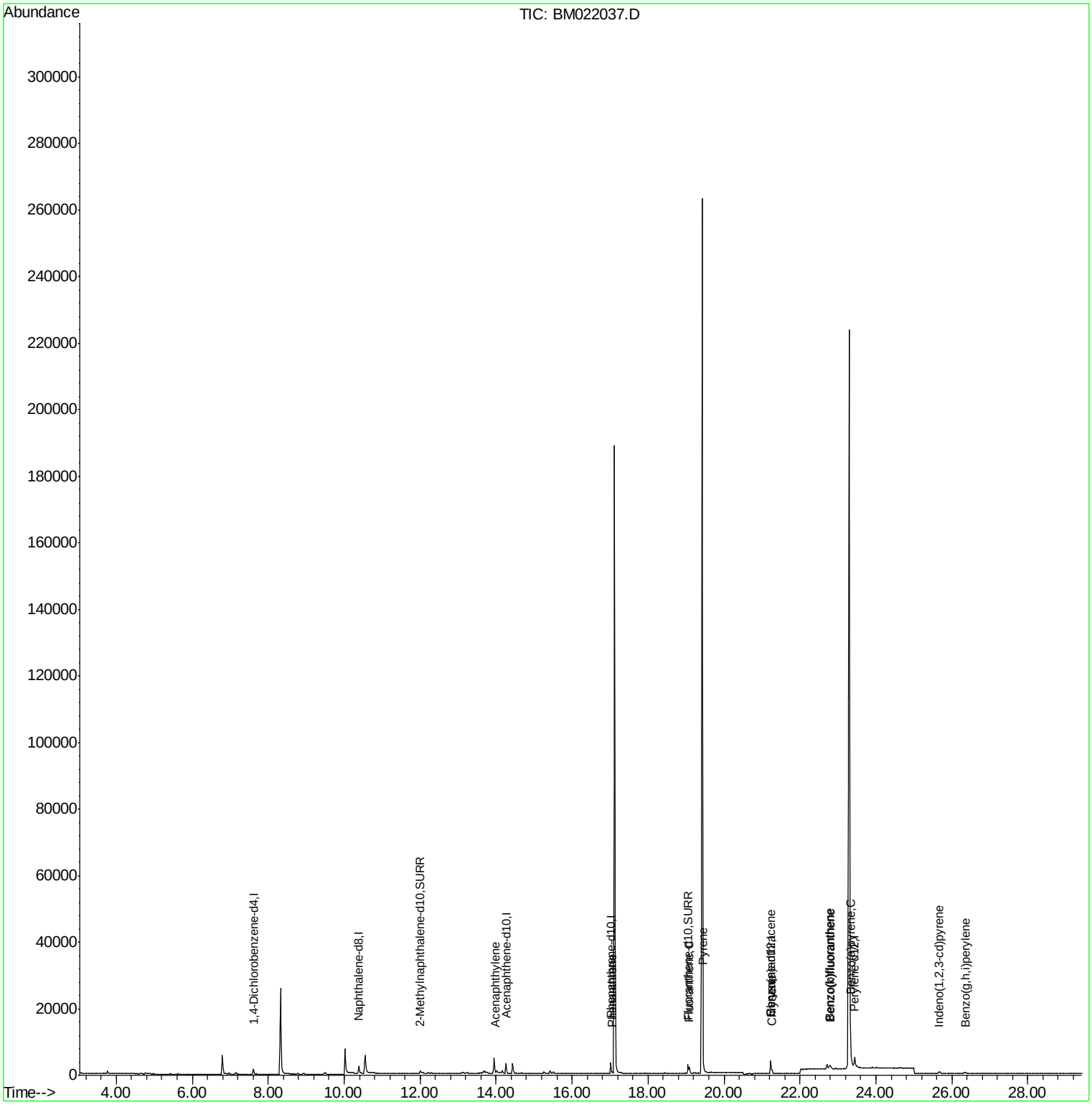

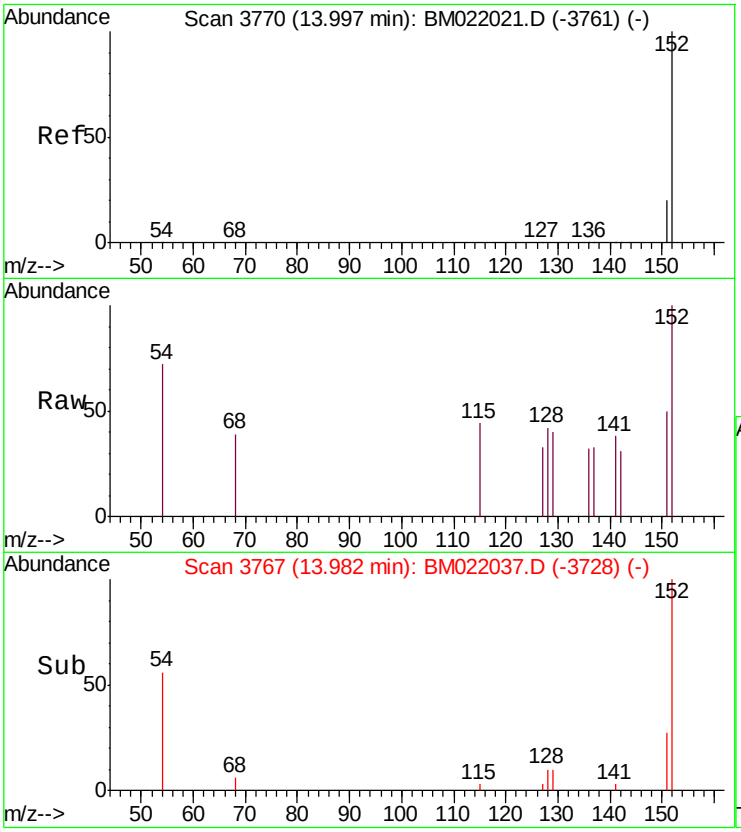

#7
Acenaphthylene
Concen: 0.027 ng/ul
RT: 13.98 min Scan# 3767
Delta R.T. -0.03 min
Lab File: BM022037.D
Acq: 12 Aug 2019 18:20

Tgt Ion:152 Resp: 212

Ion	Ratio	Lower	Upper
152	100		
151	50.0	18.3	27.5#
153	0.0	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
BEP10

Manual Integrations APPROVED
Sohil
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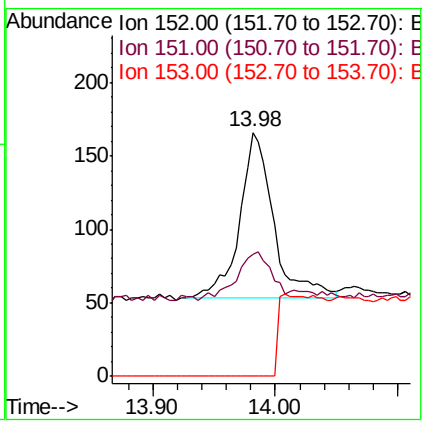
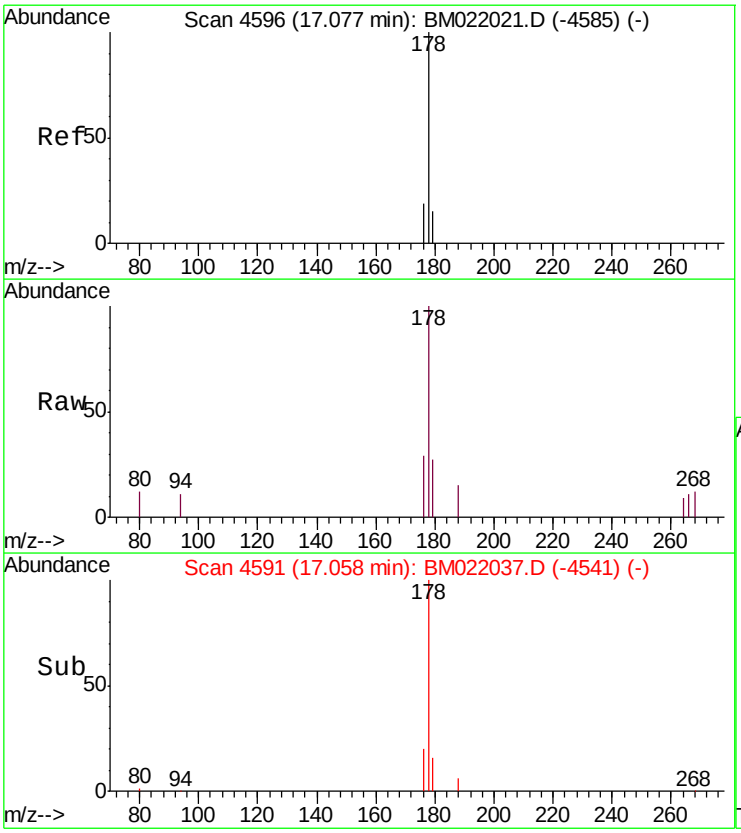
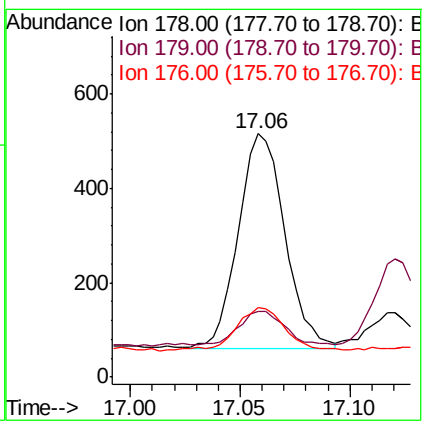


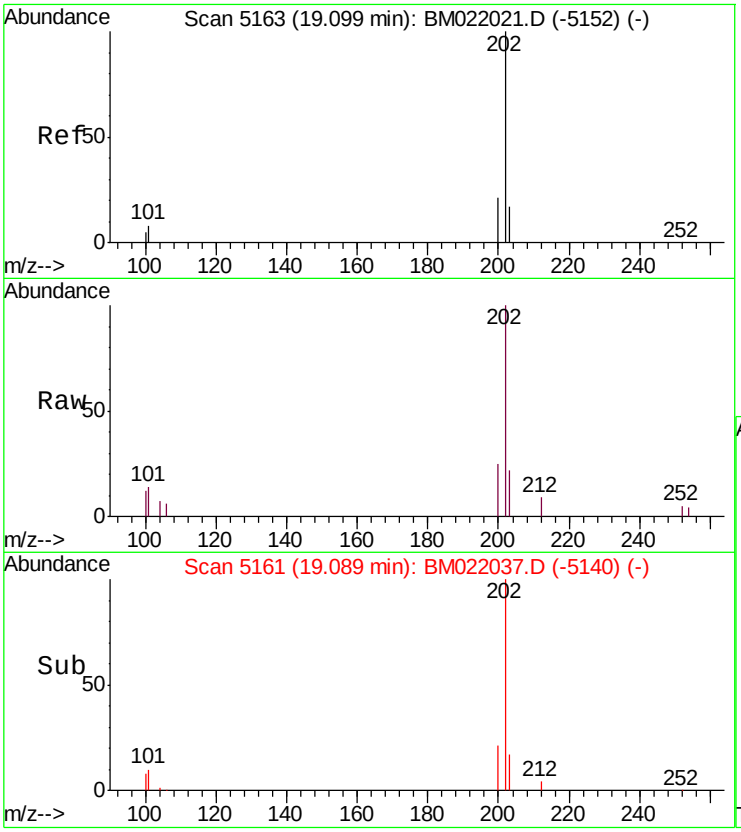


#12
Phenanthrene
Concen: 0.057 ng/ul m
RT: 17.06 min Scan# 4591
Delta R.T. -0.03 min
Lab File: BM022037.D
Acq: 12 Aug 2019 18:20

Tgt Ion:178 Resp: 661

Ion	Ratio	Lower	Upper
178	100		
179	26.9	14.2	21.2#
176	28.9	16.8	25.2#

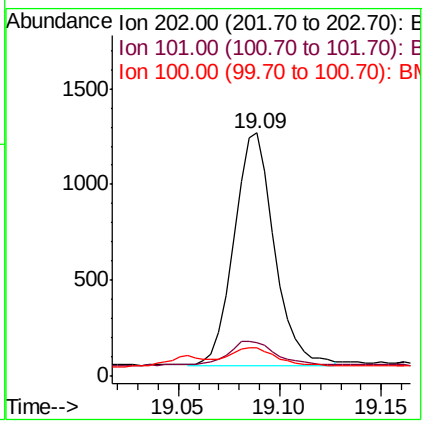




#15
Fluoranthene
Concen: 0.110 ng/ul m
RT: 19.09 min Scan# 5161
Delta R.T. -0.02 min
Lab File: BM022037.D
Acq: 12 Aug 2019 18:20

Tgt Ion:202 Resp: 1696

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	30.2
100	11.5	0.0	28.1



Instrument :
BNA_M
ClientSampleId :
BEP10

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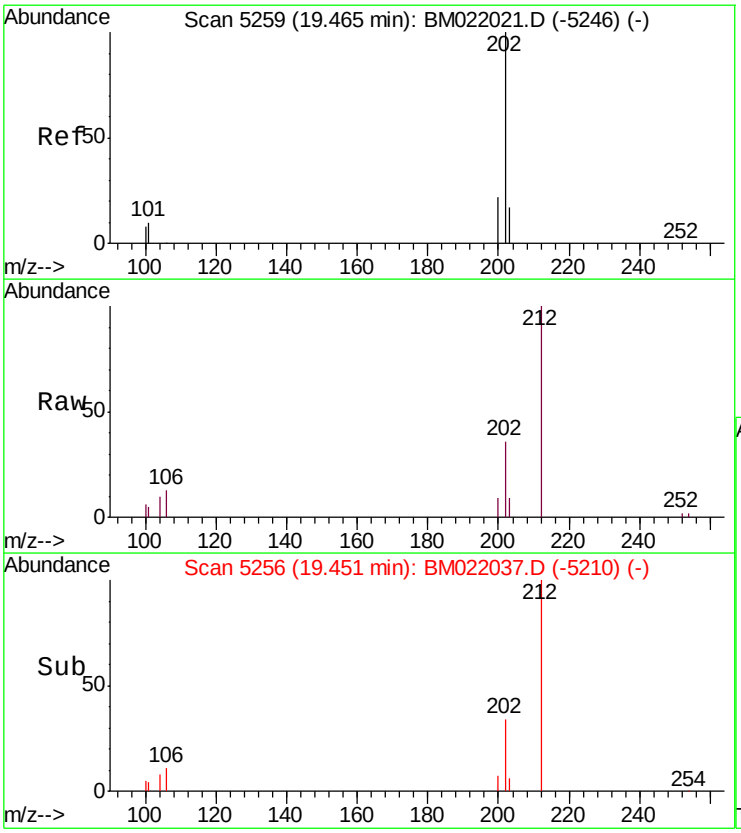
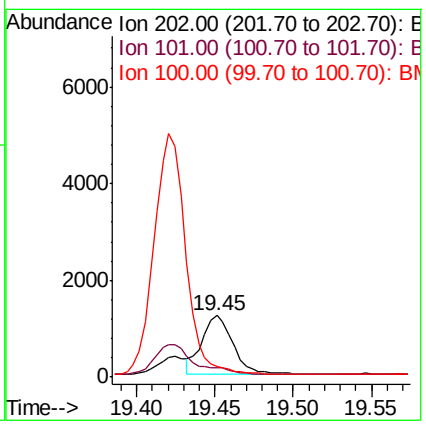
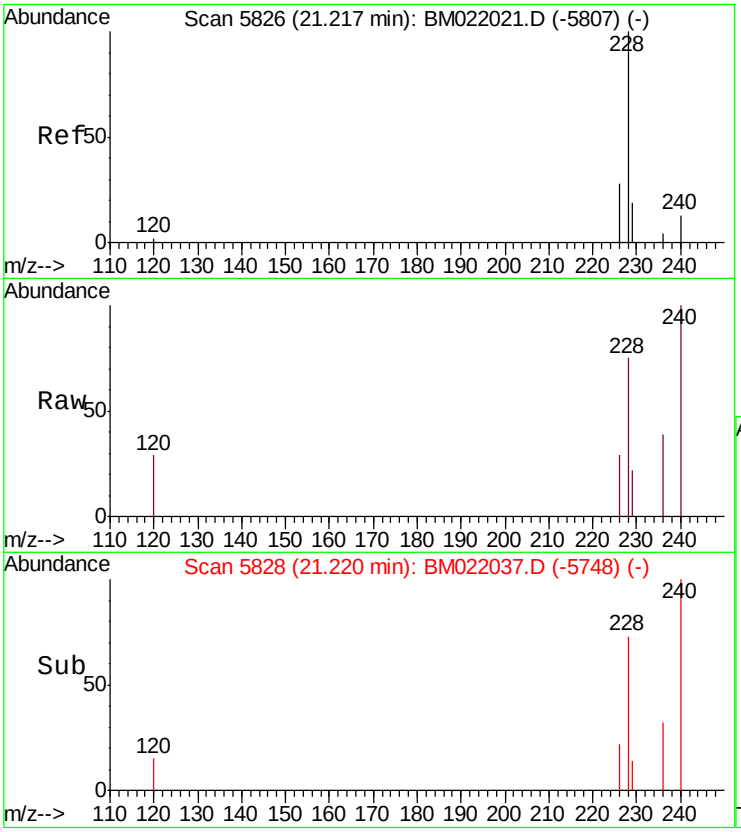


#17
Pyrene
Concen: 0.111 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.02 min
Lab File: BM022037.D
Acq: 12 Aug 2019 18:20

Tgt Ion:202 Resp: 1645

Ion	Ratio	Lower	Upper
202	100		
101	15.1	8.3	12.5#
100	17.7	7.2	10.8#





#18
Benzo(a)anthracene
Concen: 0.075 ng/ul
RT: 21.22 min Scan# 5828
Delta R.T. -0.01 min
Lab File: BM022037.D
Acq: 12 Aug 2019 18:20

Instrument :
BNA_M
ClientSampleId :
BEP10

Manual Integrations APPROVED
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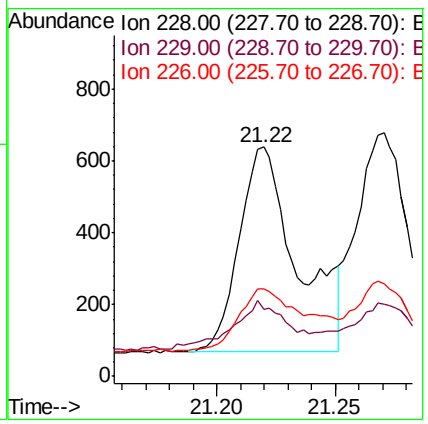
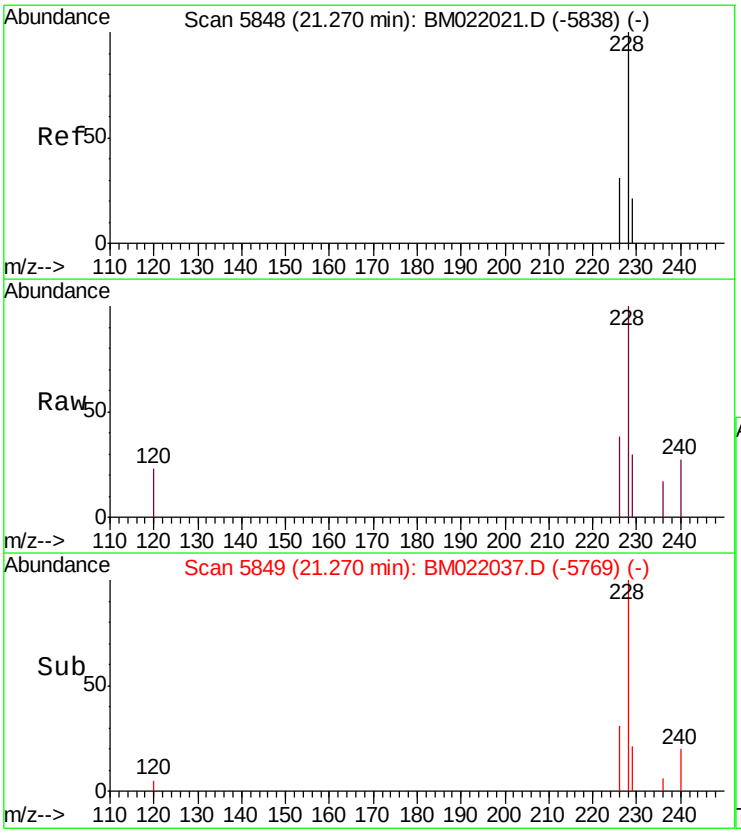
Tgt Ion:228 Resp: 968

Ion	Ratio	Lower	Upper
228	100		
229	29.4	17.2	25.8#
226	38.2	22.6	34.0#

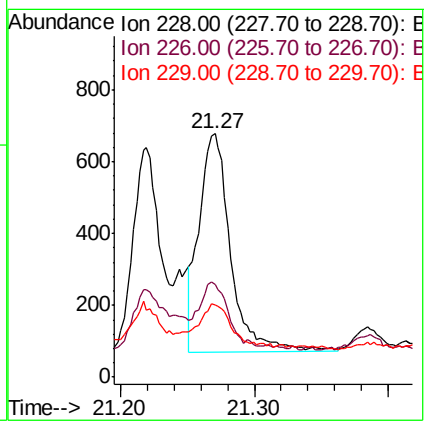


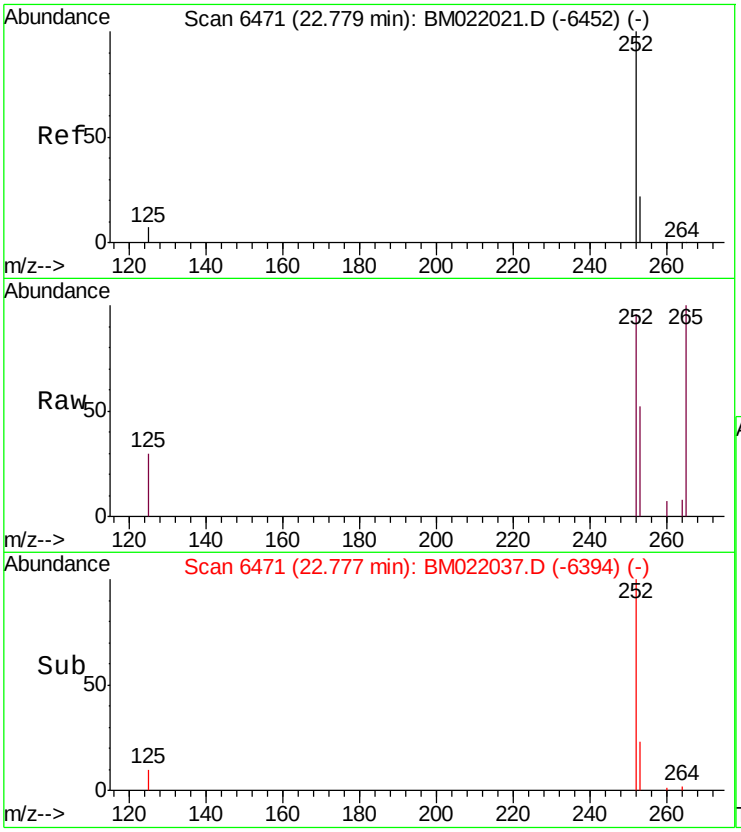


#19
Chrysene
Concen: 0.060 ng/ul
RT: 21.27 min Scan# 5849
Delta R.T. -0.01 min
Lab File: BM022037.D
Acq: 12 Aug 2019 18:20

Tgt Ion:228 Resp: 993

Ion	Ratio	Lower	Upper
228	100		
226	37.9	24.9	37.3#
229	29.8	16.6	25.0#





#21
Benzo(b)fluoranthene
Concen: 0.135 ng/ul m
RT: 22.78 min Scan# 6471
Delta R.T. -0.01 min
Lab File: BM022037.D
Acq: 12 Aug 2019 18:20

Tgt Ion:252 Resp: 1537

Ion	Ratio	Lower	Upper
252	100		
253	53.9	0.0	67.4
125	31.1	0.0	31.0#

Instrument :
BNA_M
ClientSampleId :
BEP10

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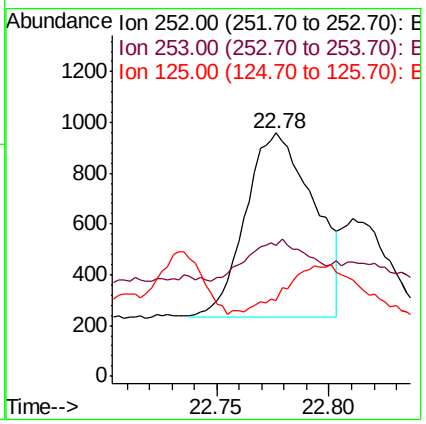
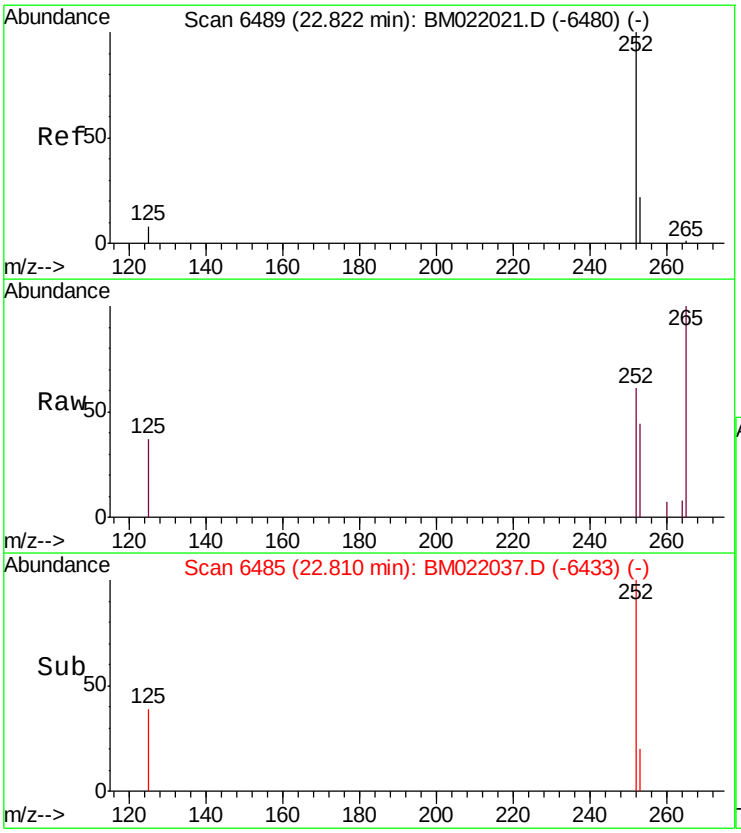
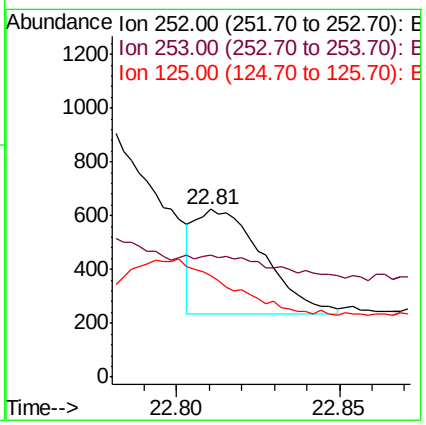


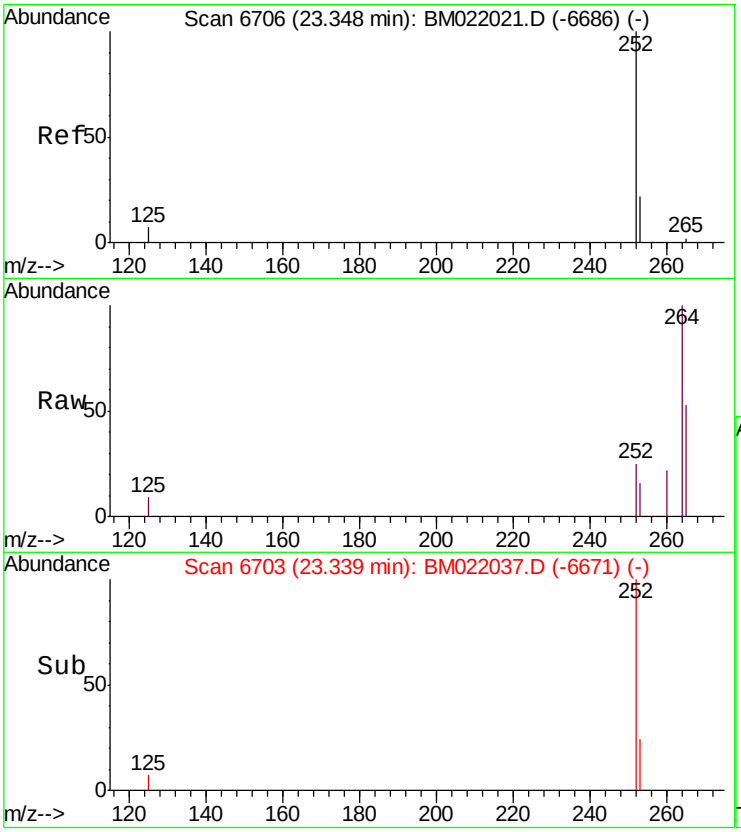


#22
Benzo(k)fluoranthene
Concen: 0.044 ng/ul m
RT: 22.81 min Scan# 6485
Delta R.T. -0.02 min
Lab File: BM022037.D
Acq: 12 Aug 2019 18:20

Tgt Ion:252 Resp: 563

Ion	Ratio	Lower	Upper
252	100		
253	72.6	27.0	40.4#
125	60.8	12.2	18.2#





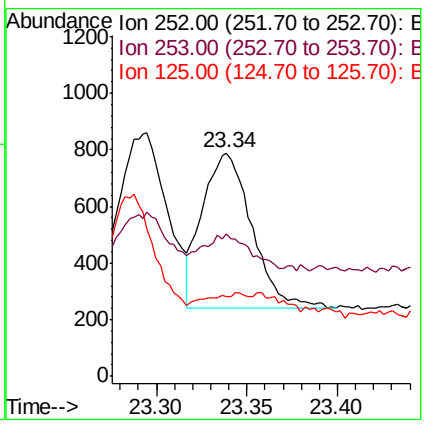
#23
Benzo(a)pyrene
Concen: 0.090 ng/ul
RT: 23.34 min Scan# 6703
Delta R.T. -0.02 min
Lab File: BM022037.D
Acq: 12 Aug 2019 18:20

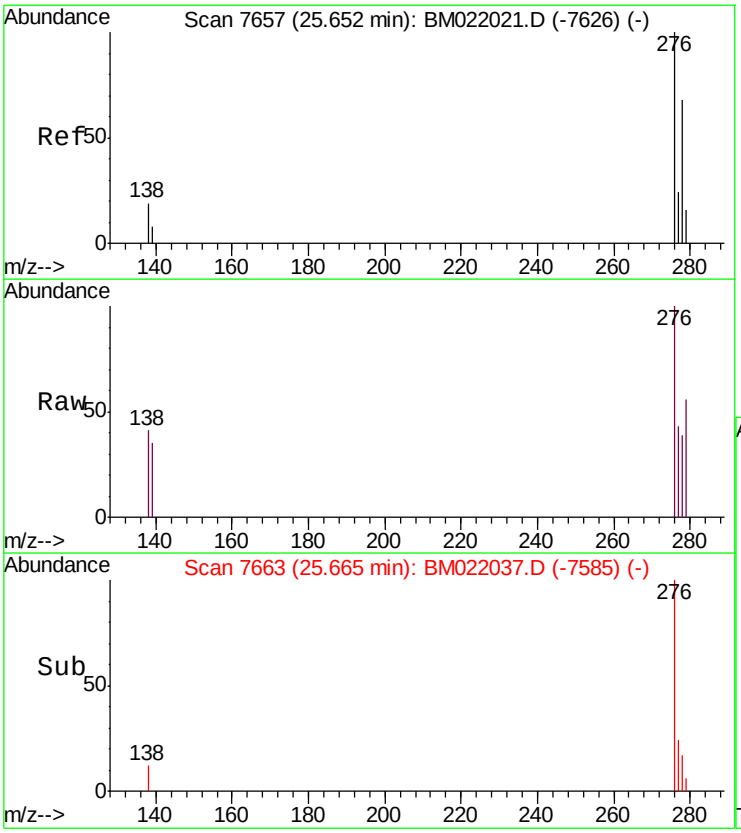
Instrument :
BNA_M
ClientSampleId :
BEP10

Manual Integrations APPROVED
Sohil
8/13/2019 9:56:33 AM

Tgt Ion:252 Resp: 1034

Ion	Ratio	Lower	Upper
252	100		
253	63.5	31.7	47.5#
125	35.8	14.6	21.8#

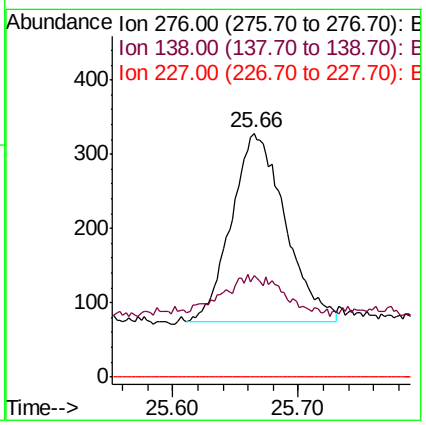


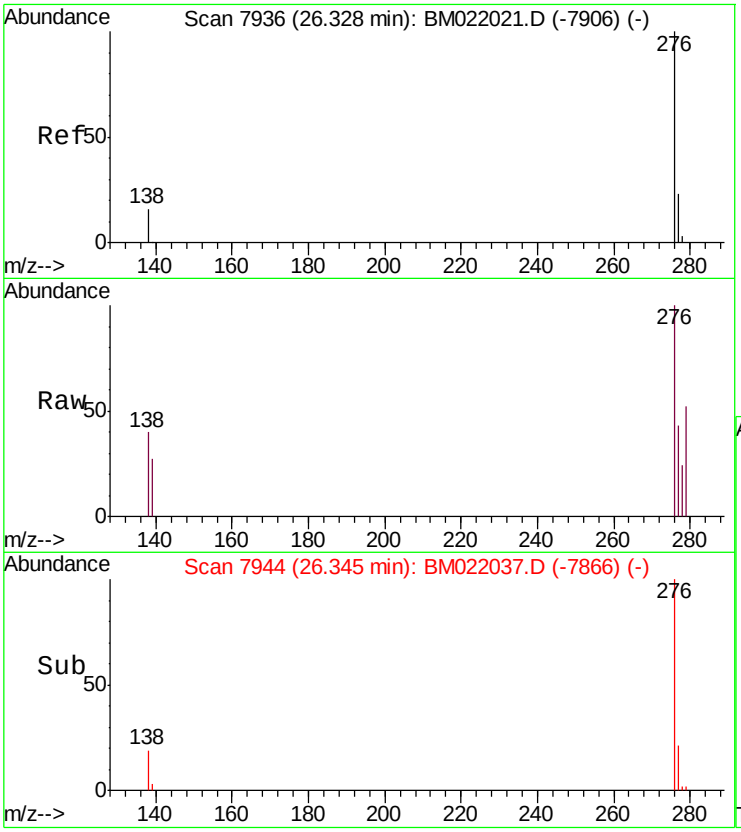


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.054 ng/ul
RT: 25.66 min Scan# 7663
Delta R.T. -0.01 min
Lab File: BM022037.D
Acq: 12 Aug 2019 18:20

Tgt Ion:276 Resp: 750

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.1	22.7
227	0.0	0.0	0.0

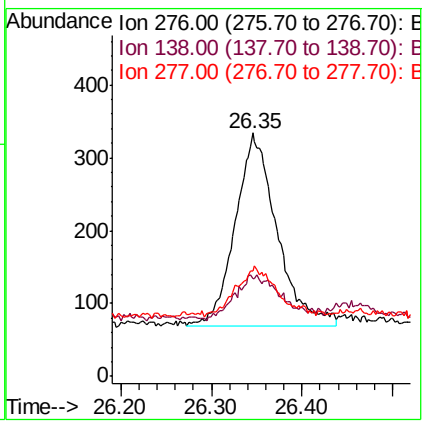




#26
Benzo(g,h,i)perylene
Concen: 0.068 ng/ul
RT: 26.35 min Scan# 7944
Delta R.T. -0.01 min
Lab File: BM022037.D
Acq: 12 Aug 2019 18:20

Tgt Ion:276 Resp: 838

Ion	Ratio	Lower	Upper
276	100		
138	40.1	15.5	23.3#
277	43.4	21.4	32.2#



Instrument :
BNA_M
ClientSampleId :
BEP10

Manual Integrations APPROVED
Sohil
8/13/2019 9:56:33 AM