Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021799.D
Acq On : 04 Aug 2019 06:53
Operator : HP/JU
Sample : K3863-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G0

Manual Integrations APPROVED
mohammad
8/5/2019 10:14:51 PM

Quant Time: Aug 04 09:27:52 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1034	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	4144	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.29	164	2400	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	5899m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.25	240	5948m	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	5820m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1809	0.26	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	5269m	0.26	ng/ul	-0.02
Target Compounds						Qvalue
12) Phenanthrene	17.08	178	1784	0.104	ng/ul	94
15) Fluoranthene	19.11	202	6623m	0.288	ng/ul	
17) Pyrene	19.47	202	5767	0.236	ng/ul#	93
18) Benzo(a)anthracene	21.23	228	1750	0.082	ng/ul#	88
19) Chrysene	21.28	228	3362	0.123	ng/ul	93
21) Benzo(b)fluoranthene	22.79	252	4592m	0.234	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	1559m	0.070	ng/ul	
23) Benzo(a)pyrene	23.36	252	2368m	0.119	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.69	276	2001m	0.084	ng/ul	
26) Benzo(g,h,i)perylene	26.37	276	1933m	0.090	ng/ul	

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

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Instrument :
BNA_M
ClientSampleId :
A52G0

Manual Integrations APPROVED
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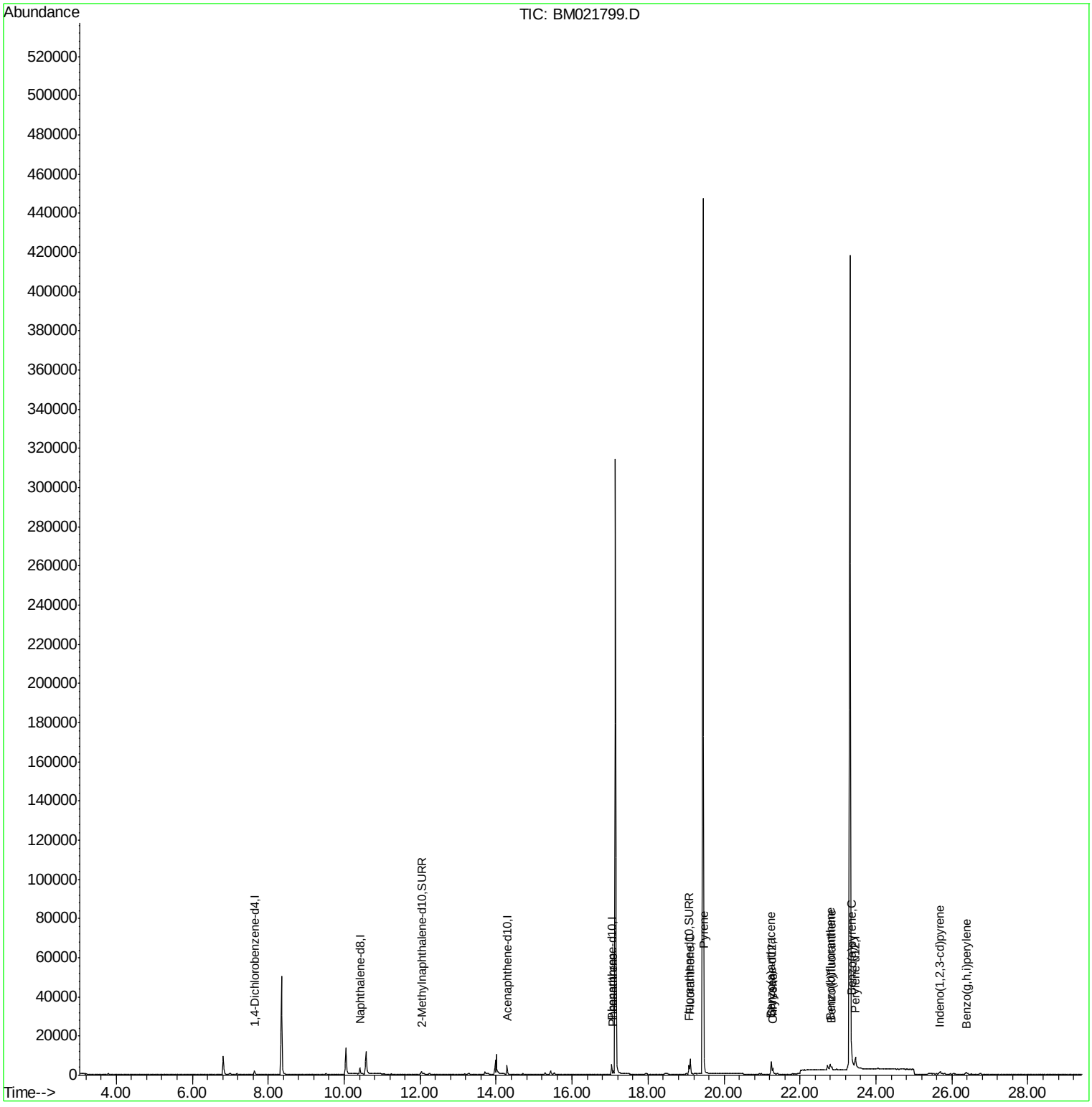
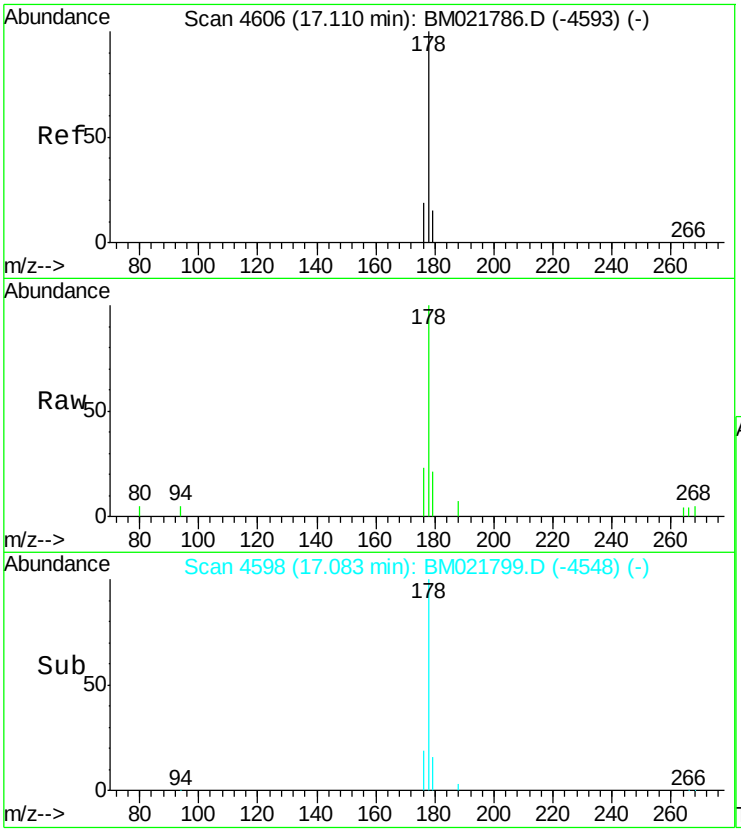
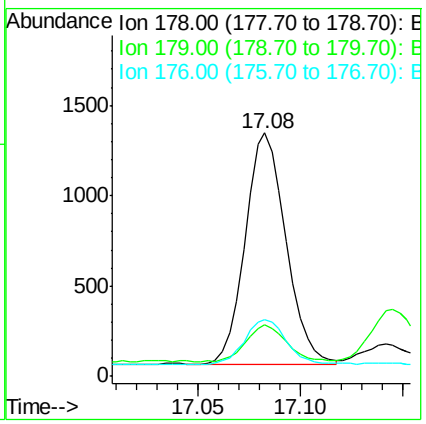




#12
Phenanthrene
Concen: 0.104 ng/ul
RT: 17.08 min Scan# 4598
Delta R.T. -0.03 min
Lab File: BM021799.D
Acq: 04 Aug 2019 06:53

Tgt Ion:178 Resp: 1784

Ion	Ratio	Lower	Upper
178	100		
179	21.1	14.2	21.2
176	23.4	16.8	25.2



Instrument :
BNA_M
ClientSampleId :
A52G0

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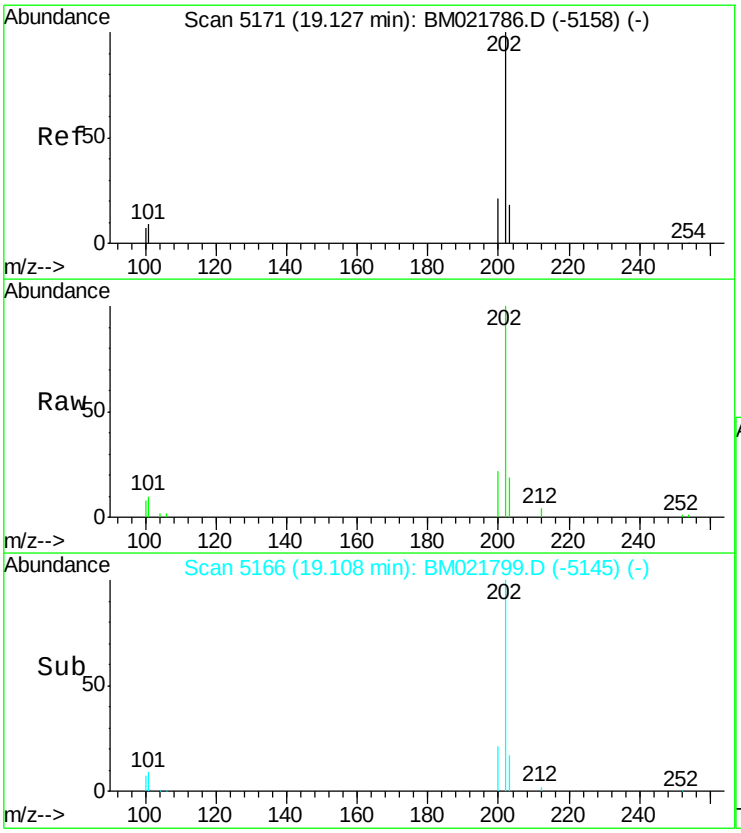
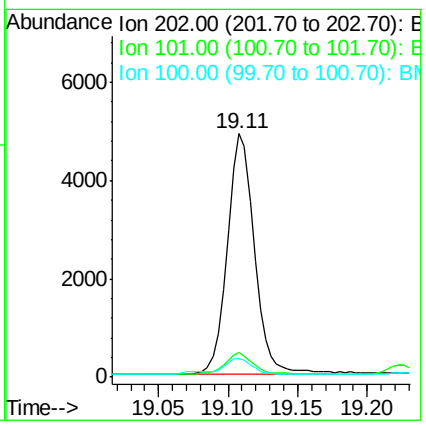
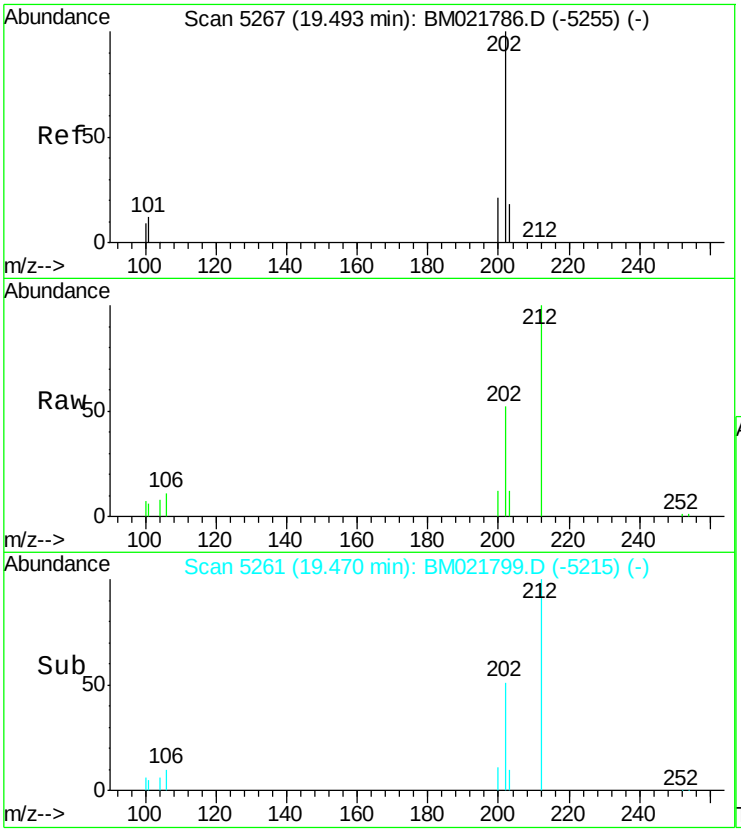


#15
Fluoranthene
Concen: 0.288 ng/ul m
RT: 19.11 min Scan# 5166
Delta R.T. -0.02 min
Lab File: BM021799.D
Acq: 04 Aug 2019 06:53

Tgt Ion:202 Resp: 6623

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.2
100	7.7	0.0	28.1





#17
Pyrene
Concen: 0.236 ng/ul
RT: 19.47 min Scan# 5261
Delta R.T. -0.02 min
Lab File: BM021799.D
Acq: 04 Aug 2019 06:53

Tgt Ion:202 Resp: 5767

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.3	12.5
100	12.7	7.2	10.8#

Instrument :
BNA_M
ClientSampleId :
A52G0

Manual Integrations APPROVED
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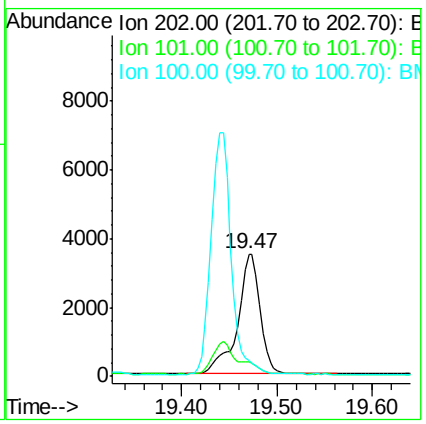
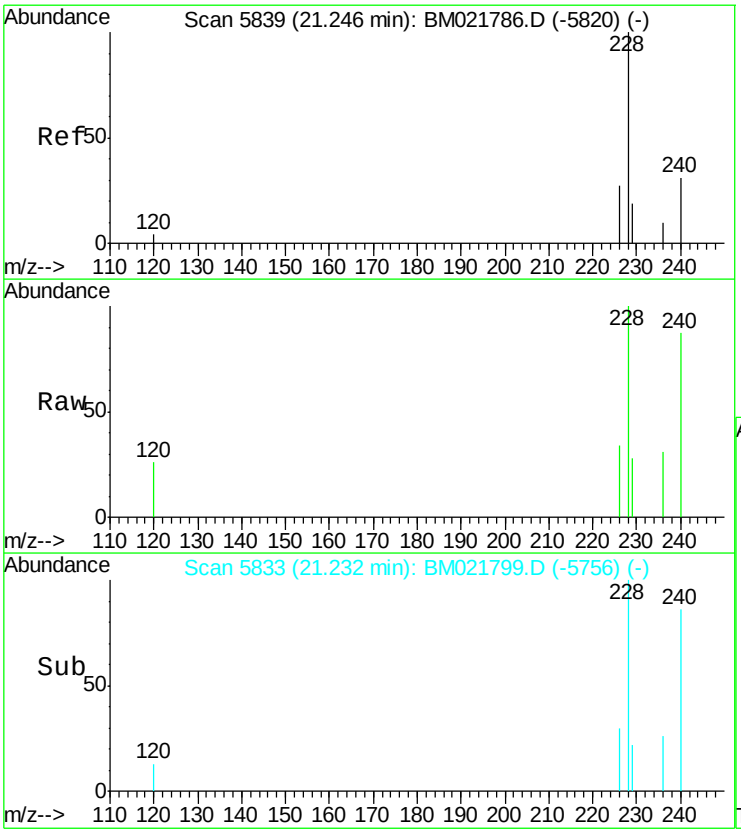
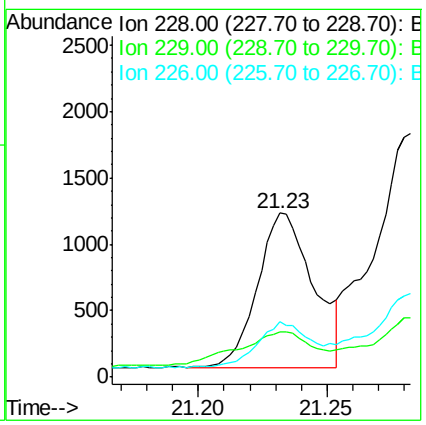


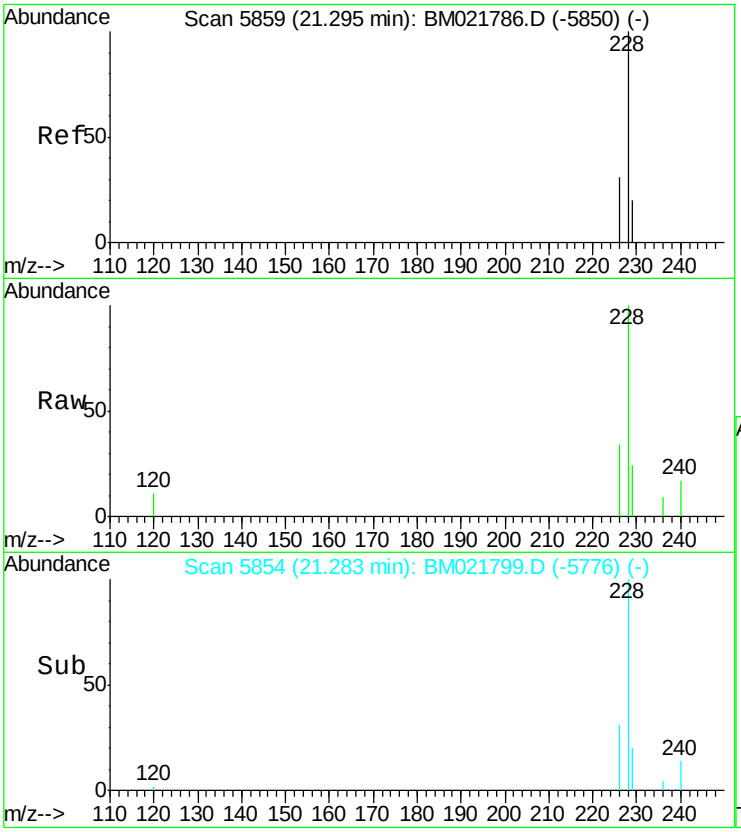


#18
Benzo(a)anthracene
Concen: 0.082 ng/ul
RT: 21.23 min Scan# 5833
Delta R.T. -0.01 min
Lab File: BM021799.D
Acq: 04 Aug 2019 06:53

Tgt Ion:228 Resp: 1750

Ion	Ratio	Lower	Upper
228	100		
229	27.7	17.2	25.8#
226	34.0	22.6	34.0#





#19
Chrysene
Concen: 0.123 ng/ul
RT: 21.28 min Scan# 5854
Delta R.T. -0.01 min
Lab File: BM021799.D
Acq: 04 Aug 2019 06:53

Tgt Ion:228 Resp: 3362

Ion	Ratio	Lower	Upper
228	100		
226	34.4	24.9	37.3
229	24.3	16.6	25.0

Instrument :
BNA_M
ClientSampleId :
A52G0

Manual Integrations APPROVED
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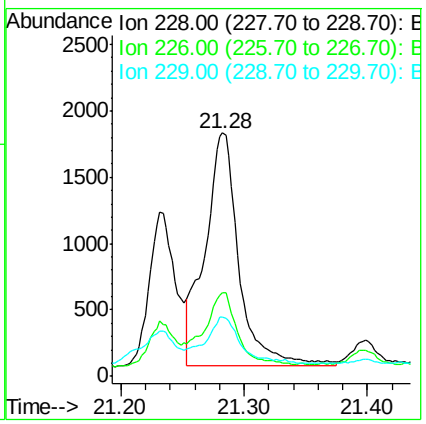
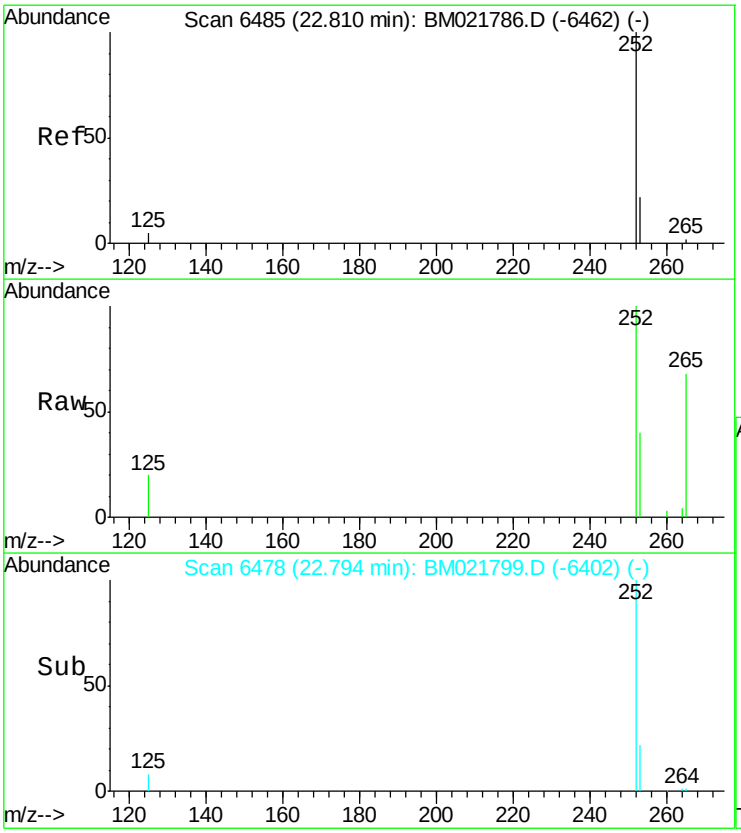
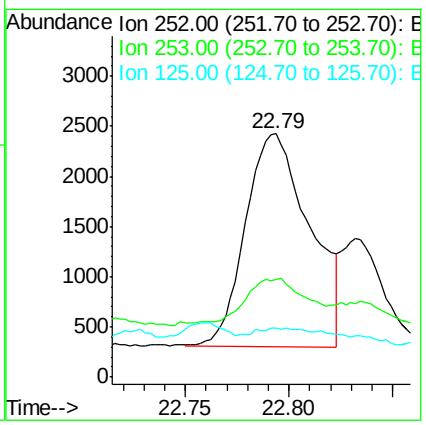


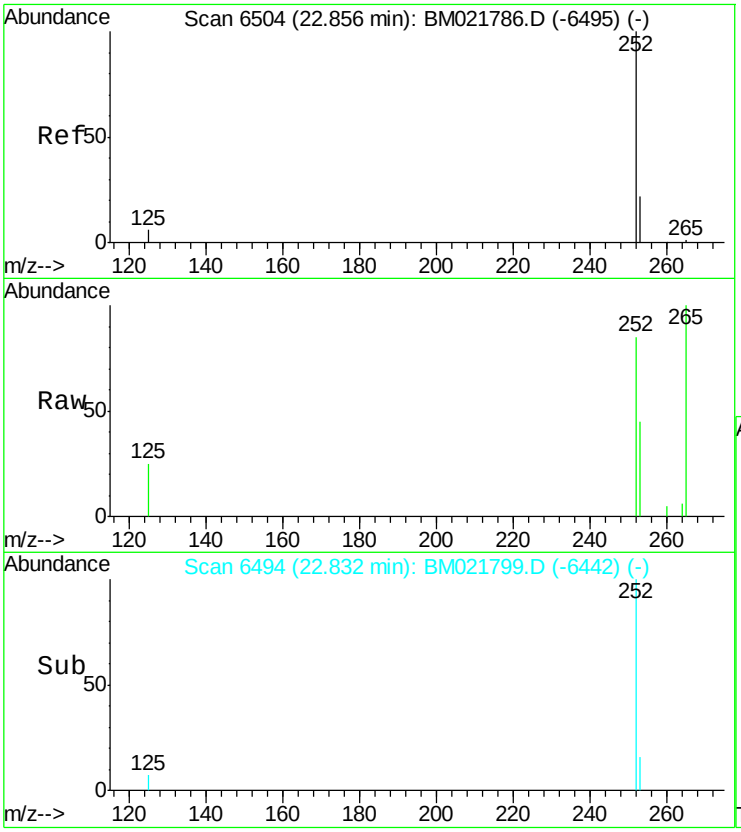


#21
Benzo(b)fluoranthene
Concen: 0.234 ng/ul m
RT: 22.79 min Scan# 6478
Delta R.T. -0.02 min
Lab File: BM021799.D
Acq: 04 Aug 2019 06:53

Tgt Ion:252 Resp: 4592

Ion	Ratio	Lower	Upper
252	100		
253	40.3	0.0	67.4
125	20.1	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 0.070 ng/ul m
RT: 22.83 min Scan# 6494
Delta R.T. -0.02 min
Lab File: BM021799.D
Acq: 04 Aug 2019 06:53

Tgt Ion:252 Resp: 1559

Ion	Ratio	Lower	Upper
252	100		
253	53.2	27.0	40.4#
125	29.4	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
A52G0

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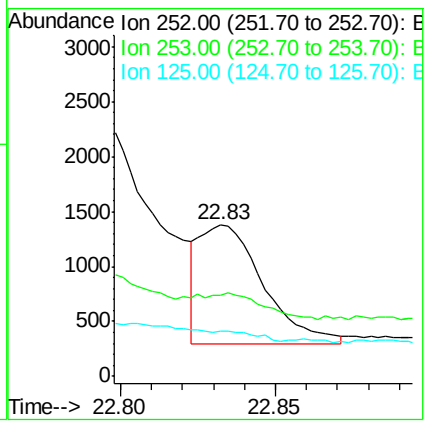
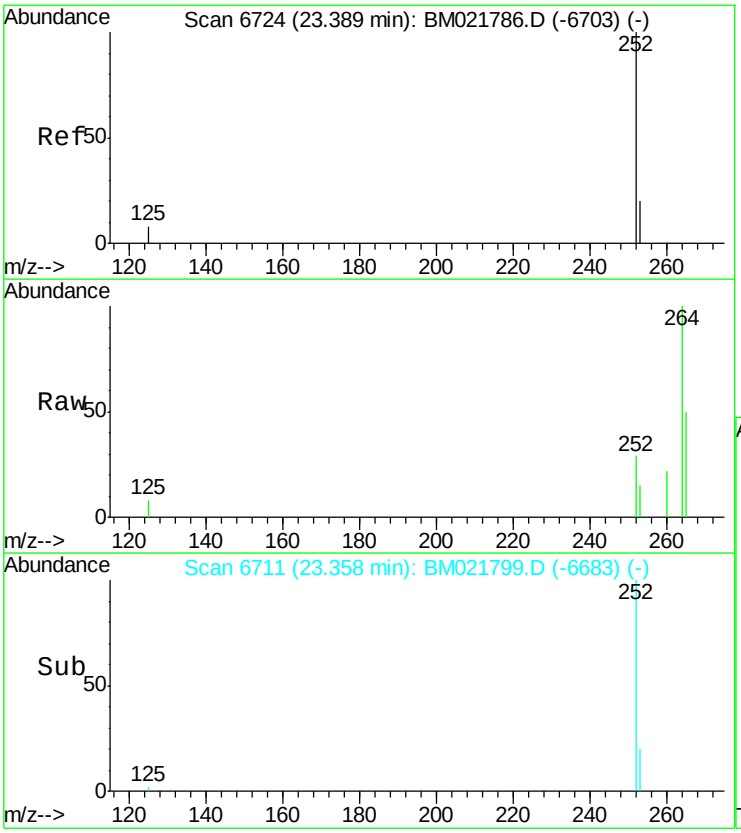
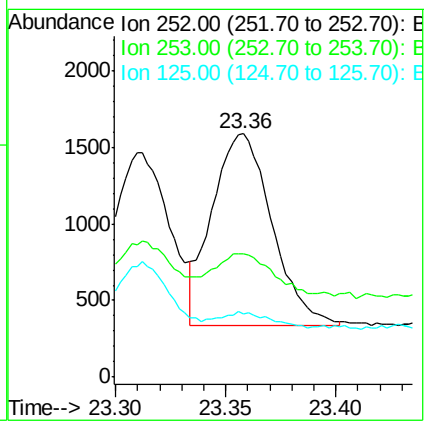


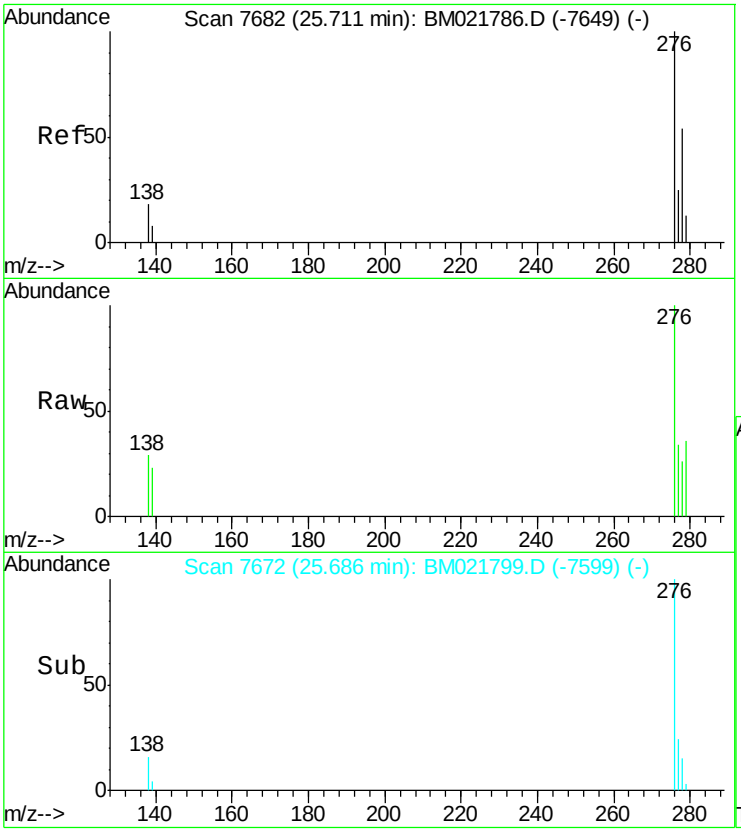


#23
Benzo(a)pyrene
Concen: 0.119 ng/ul m
RT: 23.36 min Scan# 6711
Delta R.T. -0.03 min
Lab File: BM021799.D
Acq: 04 Aug 2019 06:53

Tgt Ion:252 Resp: 2368

Ion	Ratio	Lower	Upper
252	100		
253	50.7	31.7	47.5#
125	26.2	14.6	21.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.084 ng/ul m
RT: 25.69 min Scan# 7672
Delta R.T. -0.02 min
Lab File: BM021799.D
Acq: 04 Aug 2019 06:53

Instrument :
BNA_M
ClientSampleId :
A52G0

Manual Integrations APPROVED
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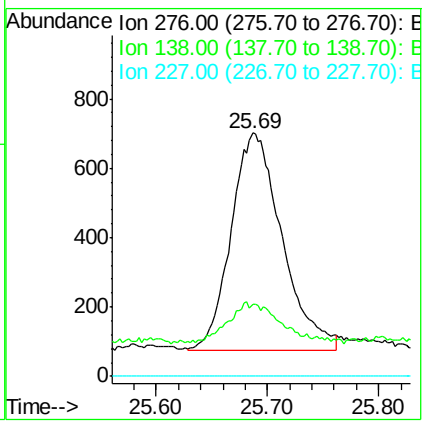
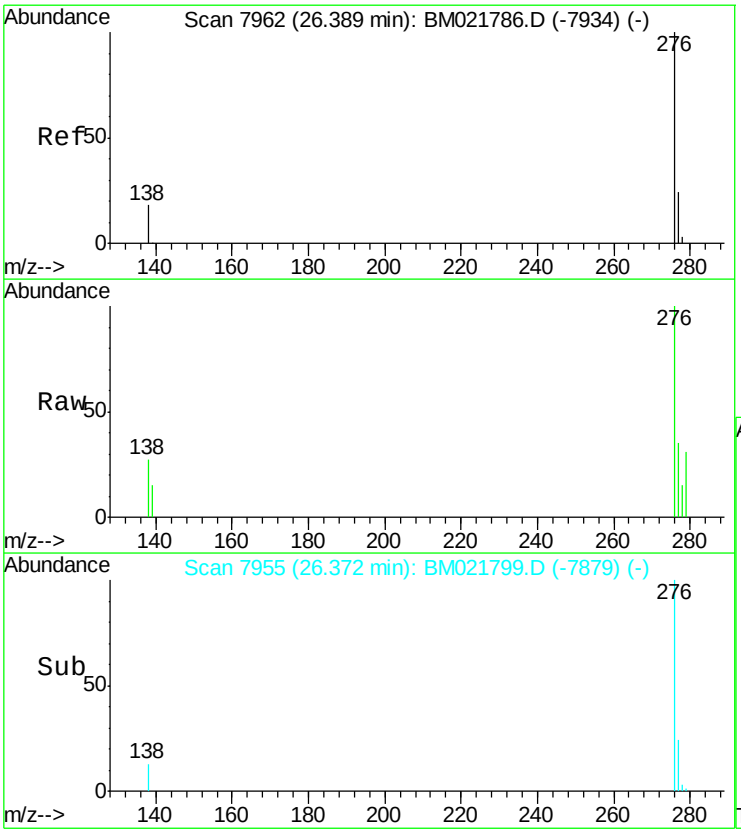
Tgt Ion:276 Resp: 2001

Ion	Ratio	Lower	Upper
276	100		
138	0.9	15.1	22.7#
227	0.0	0.0	0.0





#26
Benzo(g,h,i)perylene
Concen: 0.090 ng/ul m
RT: 26.37 min Scan# 7955
Delta R.T. -0.02 min
Lab File: BM021799.D
Acq: 04 Aug 2019 06:53

Tgt Ion:276 Resp: 1933

Ion	Ratio	Lower	Upper
276	100		
138	26.5	15.5	23.3#
277	35.3	21.4	32.2#