Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021721\
Data File : BM028779.D
Acq On : 17 Feb 2021 19:28
Operator : CG/JU
Sample : M1379-23
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBH18

Manual Integrations APPROVED
mohammad
2/18/2021 1:39:17 PM

Quant Time: Feb 18 05:18:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 04:11:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	500	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	2013	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	1099	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	2187	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	2101	0.40	ng/ul	0.00
20) Perylene-d12	23.65	264	2157	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	500	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1120	0.20	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.31	178	265	0.043	ng/ul#	64
15) Fluoranthene	19.32	202	941	0.135	ng/ul	90
17) Pyrene	19.68	202	894m	0.117	ng/ul	
18) Benzo(a)anthracene	21.41	228	338	0.047	ng/ul#	60
19) Chrysene	21.46	228	669	0.094	ng/ul#	76
21) Benzo(b)fluoranthene	22.98	252	1043m	0.141	ng/ul	
22) Benzo(k)fluoranthene	23.02	252	397m	0.054	ng/ul	
23) Benzo(a)pyrene	23.55	252	485	0.074	ng/ul#	18
24) Indeno(1,2,3-cd)pyrene	25.91	276	439	0.051	ng/ul#	100
26) Benzo(g,h,i)perylene	26.60	276	406	0.057	ng/ul#	55

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

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BNA_M
ClientSampleId :
DBH18

Manual Integrations APPROVED
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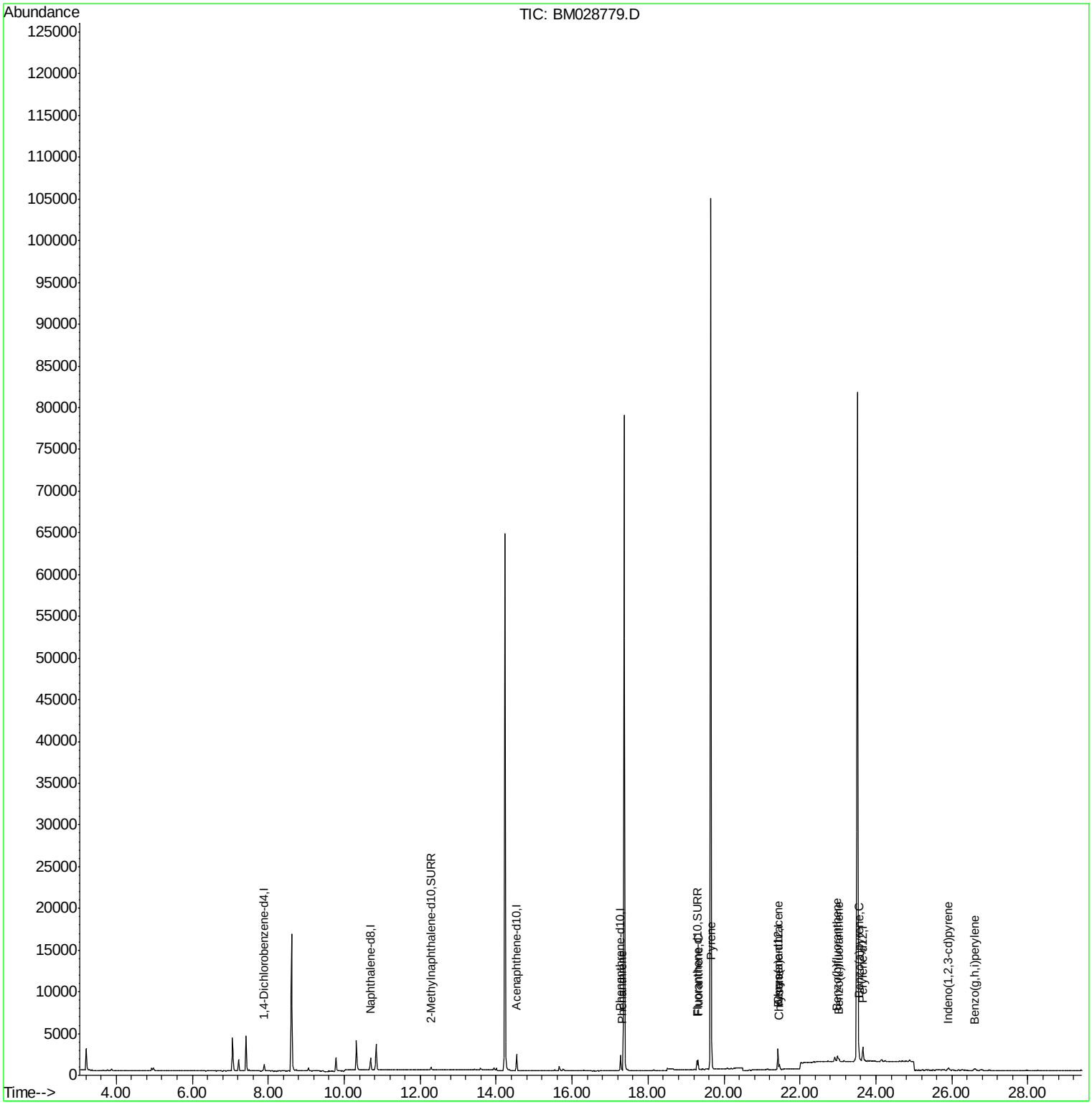

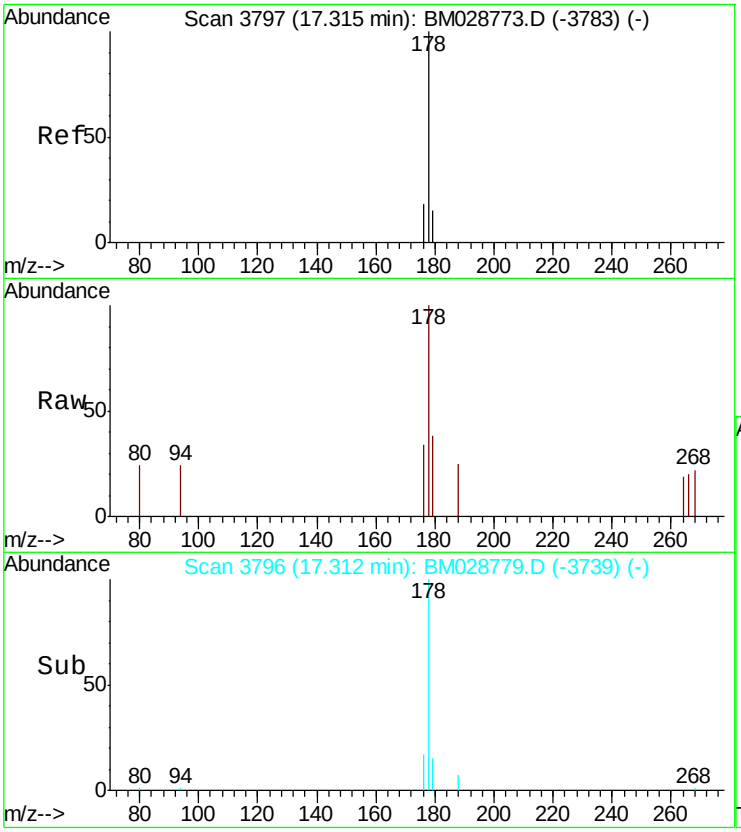

#12
Phenanthrene
Concen: 0.043 ng/ul
RT: 17.31 min Scan# 3796
Delta R.T. -0.00 min
Lab File: BM028779.D
Acq: 17 Feb 2021 19:28

Tgt Ion:178 Resp: 265

Ion	Ratio	Lower	Upper
178	100		
179	38.4	14.7	22.1#
176	34.5	16.7	25.1#

Instrument :
BNA_M
ClientSampleId :
DBH18

Manual Integrations APPROVED
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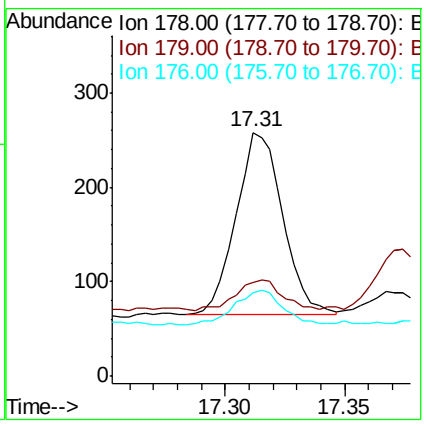
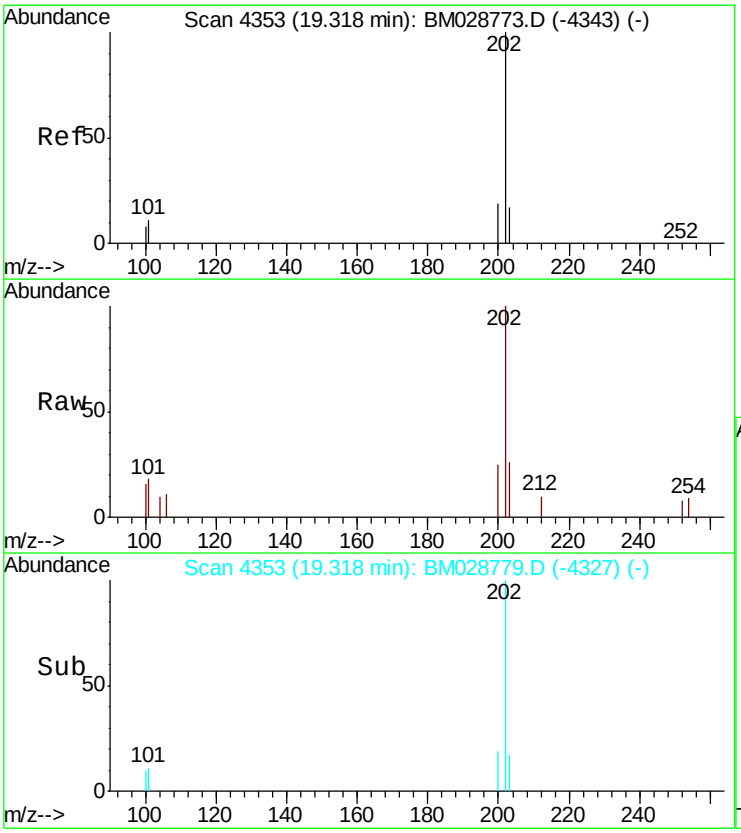
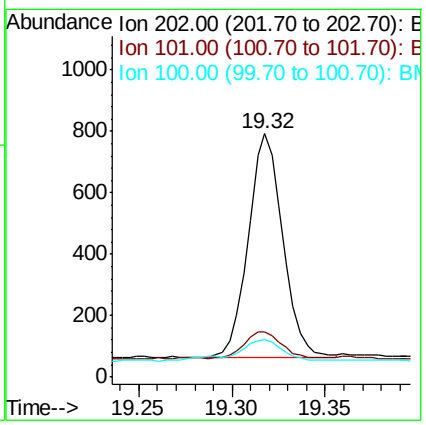


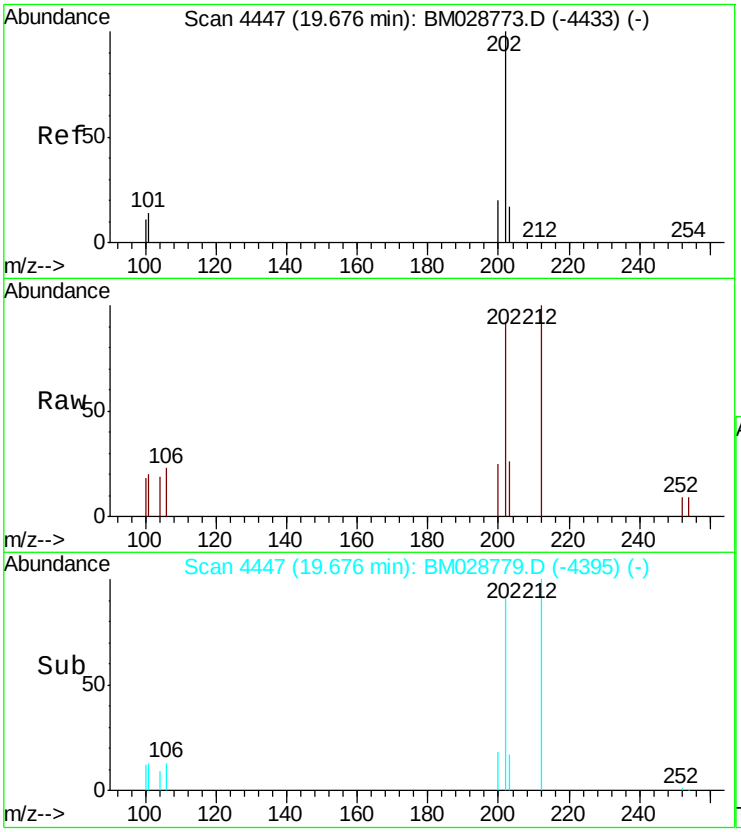


#15
Fluoranthene
Concen: 0.135 ng/ul
RT: 19.32 min Scan# 4353
Delta R.T. 0.00 min
Lab File: BM028779.D
Acq: 17 Feb 2021 19:28

Tgt Ion:202 Resp: 941

Ion	Ratio	Lower	Upper
202	100		
101	18.3	0.0	34.5
100	15.6	0.0	31.7





#17
Pyrene
Concen: 0.117 ng/ul m
RT: 19.68 min Scan# 4447
Delta R.T. -0.00 min
Lab File: BM028779.D
Acq: 17 Feb 2021 19:28

Tgt Ion:202 Resp: 894

Ion	Ratio	Lower	Upper
202	100		
101	21.8	12.7	19.1#
100	19.3	10.2	15.4#

Instrument :
BNA_M
ClientSampleId :
DBH18

Manual Integrations APPROVED
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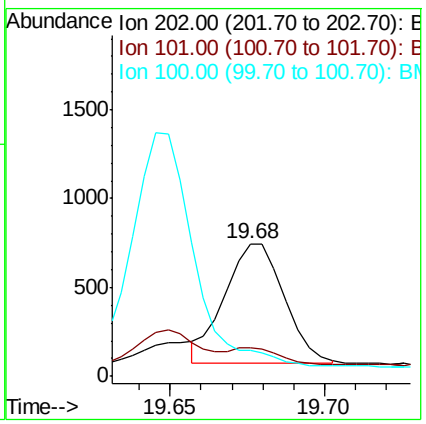
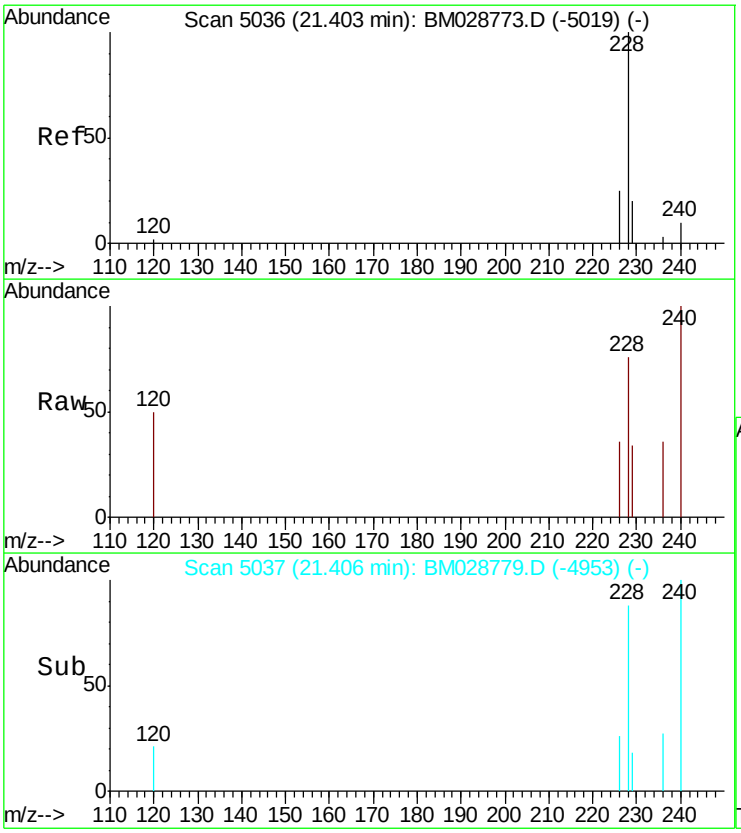
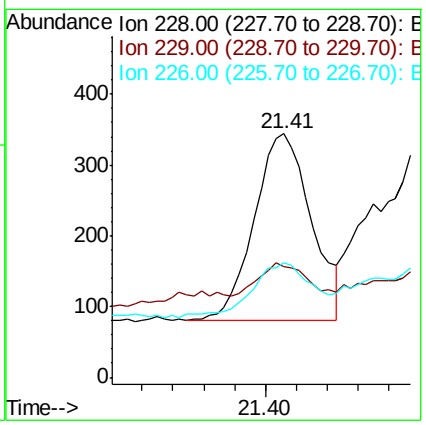


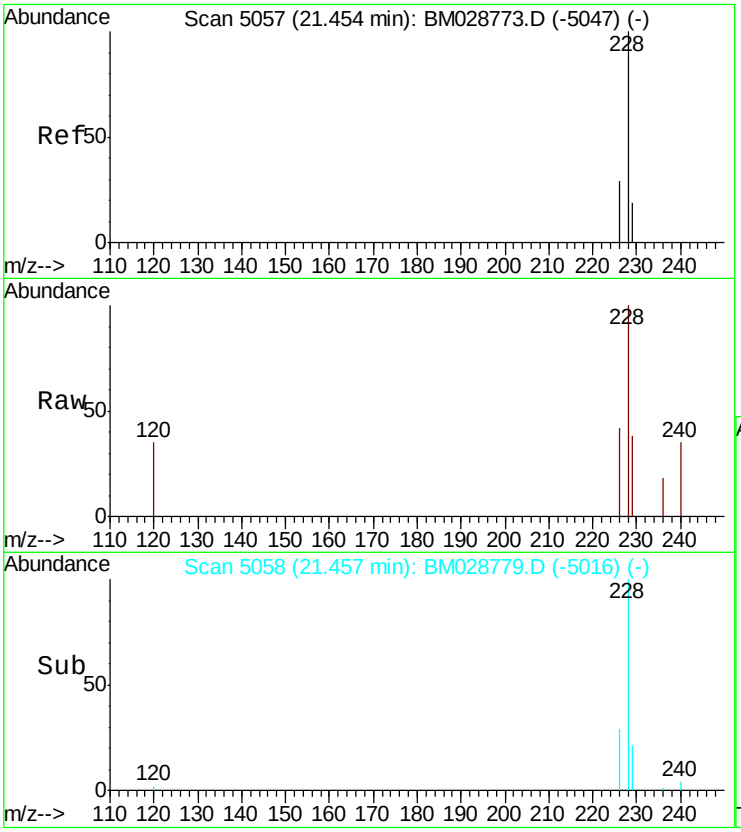


#18
Benzo(a)anthracene
Concen: 0.047 ng/ul
RT: 21.41 min Scan# 5037
Delta R.T. 0.00 min
Lab File: BM028779.D
Acq: 17 Feb 2021 19:28

Tgt Ion:228 Resp: 338

Ion	Ratio	Lower	Upper
228	100		
229	45.3	18.9	28.3#
226	47.1	22.6	34.0#





#19
Chrysene
Concen: 0.094 ng/ul
RT: 21.46 min Scan# 5058
Delta R.T. 0.00 min
Lab File: BM028779.D
Acq: 17 Feb 2021 19:28

Tgt Ion:228 Resp: 669

Ion	Ratio	Lower	Upper
228	100		
226	41.6	24.6	37.0#
229	38.0	18.8	28.2#

Instrument :
BNA_M
ClientSampleId :
DBH18

Manual Integrations APPROVED
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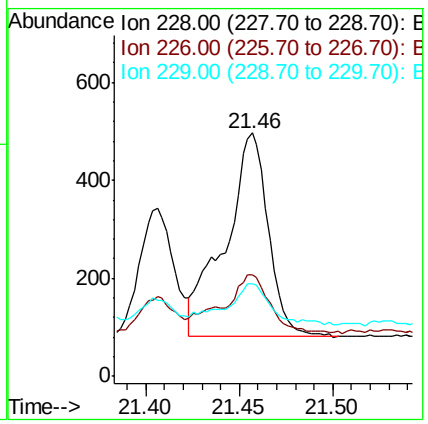
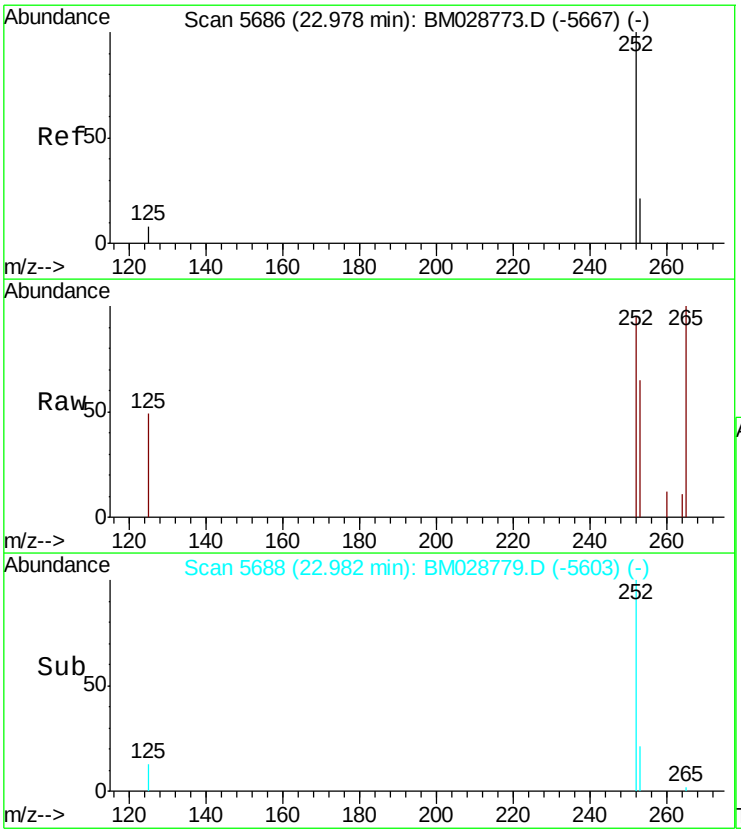
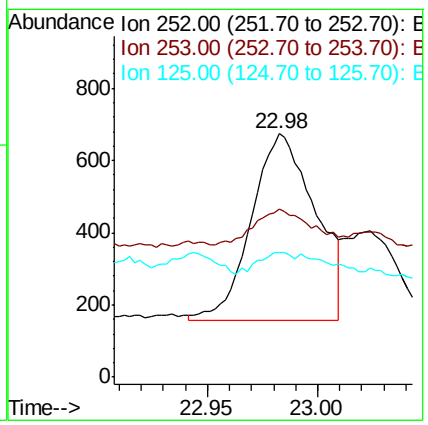


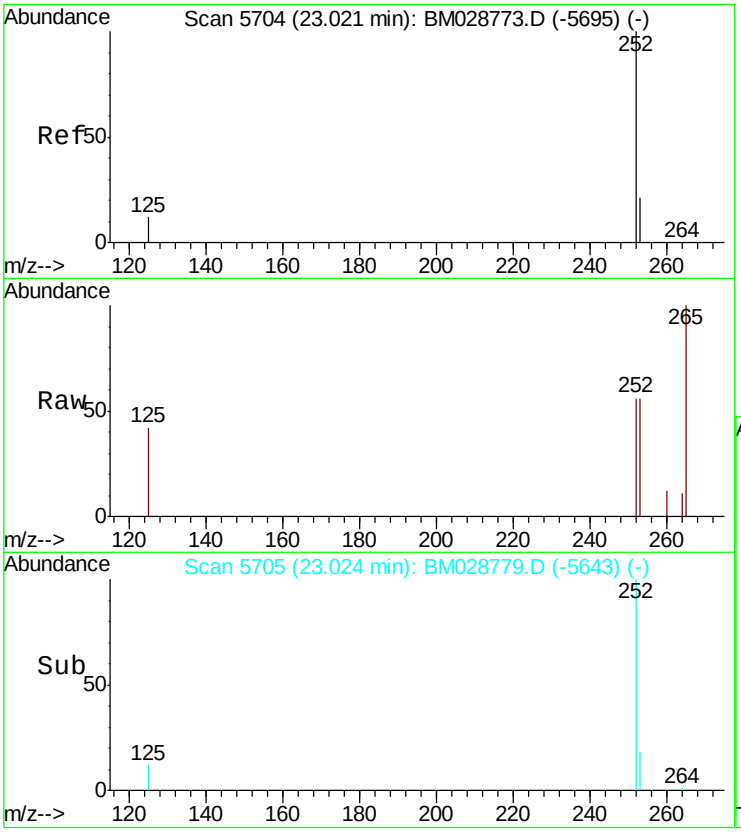


#21
Benzo(b)fluoranthene
Concen: 0.141 ng/ul m
RT: 22.98 min Scan# 5688
Delta R.T. 0.01 min
Lab File: BM028779.D
Acq: 17 Feb 2021 19:28

Tgt Ion:252 Resp: 1043

Ion	Ratio	Lower	Upper
252	100		
253	68.8	0.0	67.0#
125	51.2	0.0	57.4





#22
Benzo(k)fluoranthene
Concen: 0.054 ng/ul m
RT: 23.02 min Scan# 5705
Delta R.T. 0.00 min
Lab File: BM028779.D
Acq: 17 Feb 2021 19:28

Tgt Ion:252 Resp: 397

Ion	Ratio	Lower	Upper
252	100		
253	99.3	26.3	39.5#
125	74.3	22.9	34.3#

Instrument :
BNA_M
ClientSampleId :
DBH18

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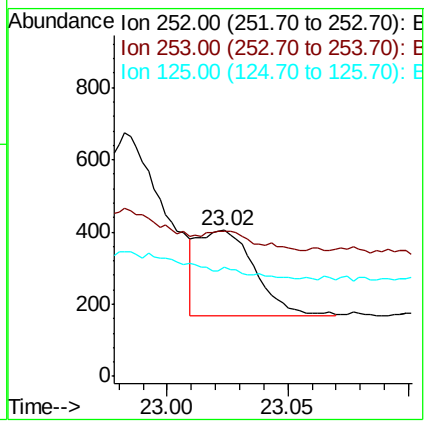
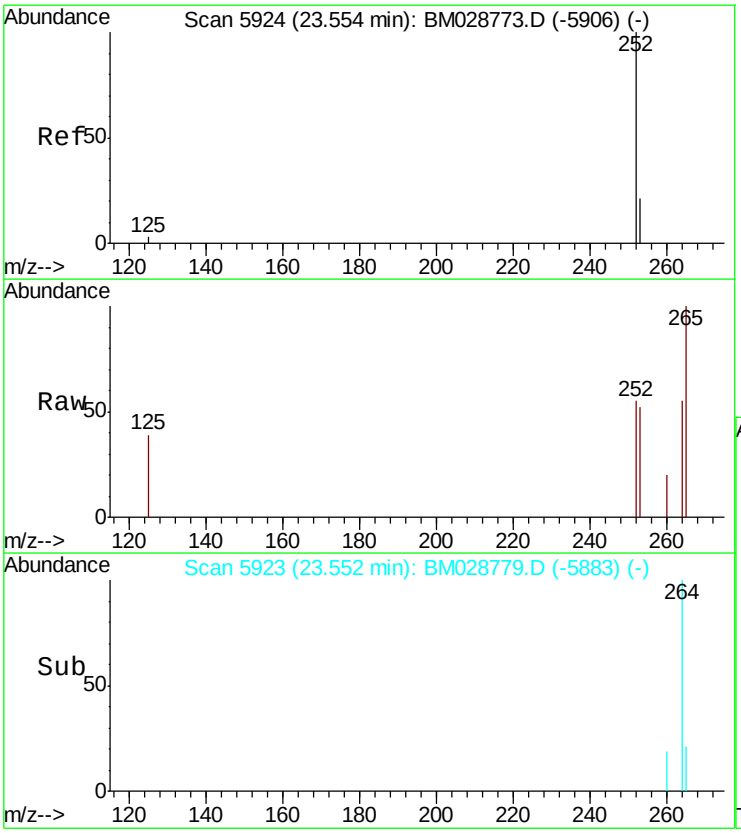
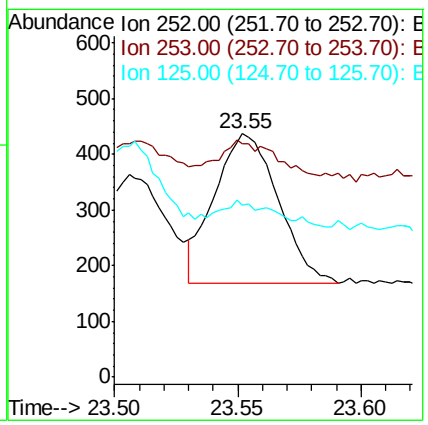


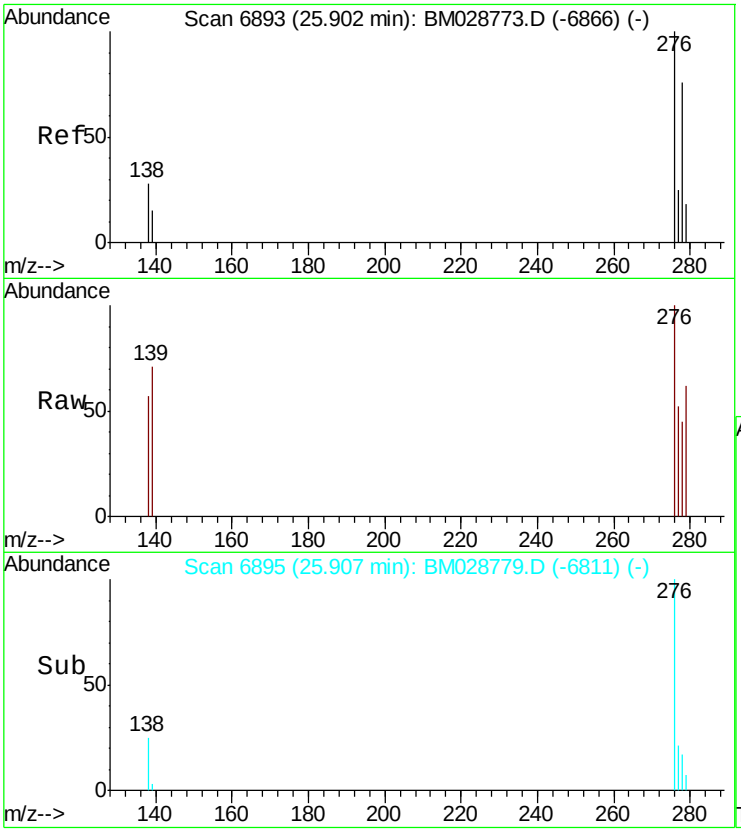


#23
Benzo(a)pyrene
Concen: 0.074 ng/ul
RT: 23.55 min Scan# 5923
Delta R.T. -0.00 min
Lab File: BM028779.D
Acq: 17 Feb 2021 19:28

Tgt Ion:252 Resp: 485

Ion	Ratio	Lower	Upper
252	100		
253	95.7	28.7	43.1#
125	70.7	27.9	41.9#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.051 ng/ul
RT: 25.91 min Scan# 6895
Delta R.T. 0.00 min
Lab File: BM028779.D
Acq: 17 Feb 2021 19:28

Tgt Ion:276 Resp: 439

Ion	Ratio	Lower	Upper
276	100		
138	27.1	0.0	0.0#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
DBH18

Manual Integrations APPROVED
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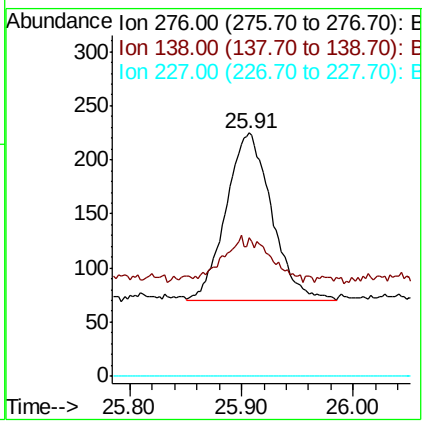

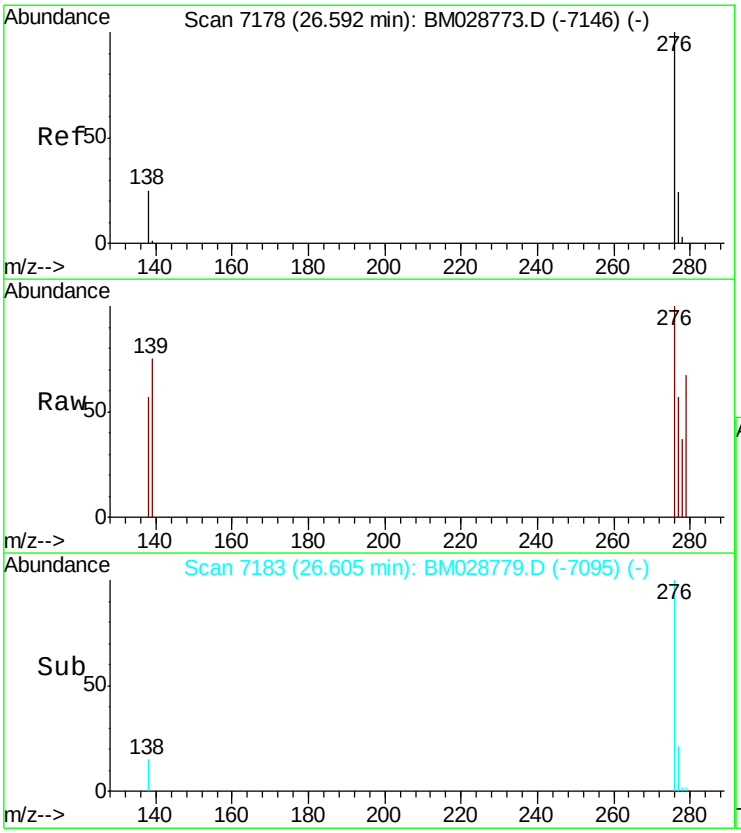

#26
Benzo(g,h,i)perylene
Concen: 0.057 ng/ul
RT: 26.60 min Scan# 7183
Delta R.T. 0.01 min
Lab File: BM028779.D
Acq: 17 Feb 2021 19:28

Tgt Ion:276 Resp: 406

Ion	Ratio	Lower	Upper
276	100		
138	56.9	25.4	38.2#
277	56.9	25.3	37.9#