Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
Data File : BM028710.D
Acq On : 10 Feb 2021 18:42
Operator : CG/JU
Sample : M1310-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0A42

Manual Integrations APPROVED
mohammad
2/11/2021 9:47:06 AM

Quant Time: Feb 11 00:32:31 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 : Wed Feb 10 14:28:04 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	557	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	2286	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1317	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	2488m	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	2277	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	2204	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1021	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1939	0.30	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	212	0.037	ng/ul#	49
5) 2-Methylnaphthalene	12.37	142	264	0.069	ng/ul	98
12) Phenanthrene	17.32	178	444	0.064	ng/ul#	80
15) Fluoranthene	19.32	202	283	0.036	ng/ul#	1
17) Pyrene	19.69	202	222	0.027	ng/ul#	41
19) Chrysene	21.46	228	216	0.028	ng/ul#	57
21) Benzo(b)fluoranthene	22.99	252	155	0.021	ng/ul#	1

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

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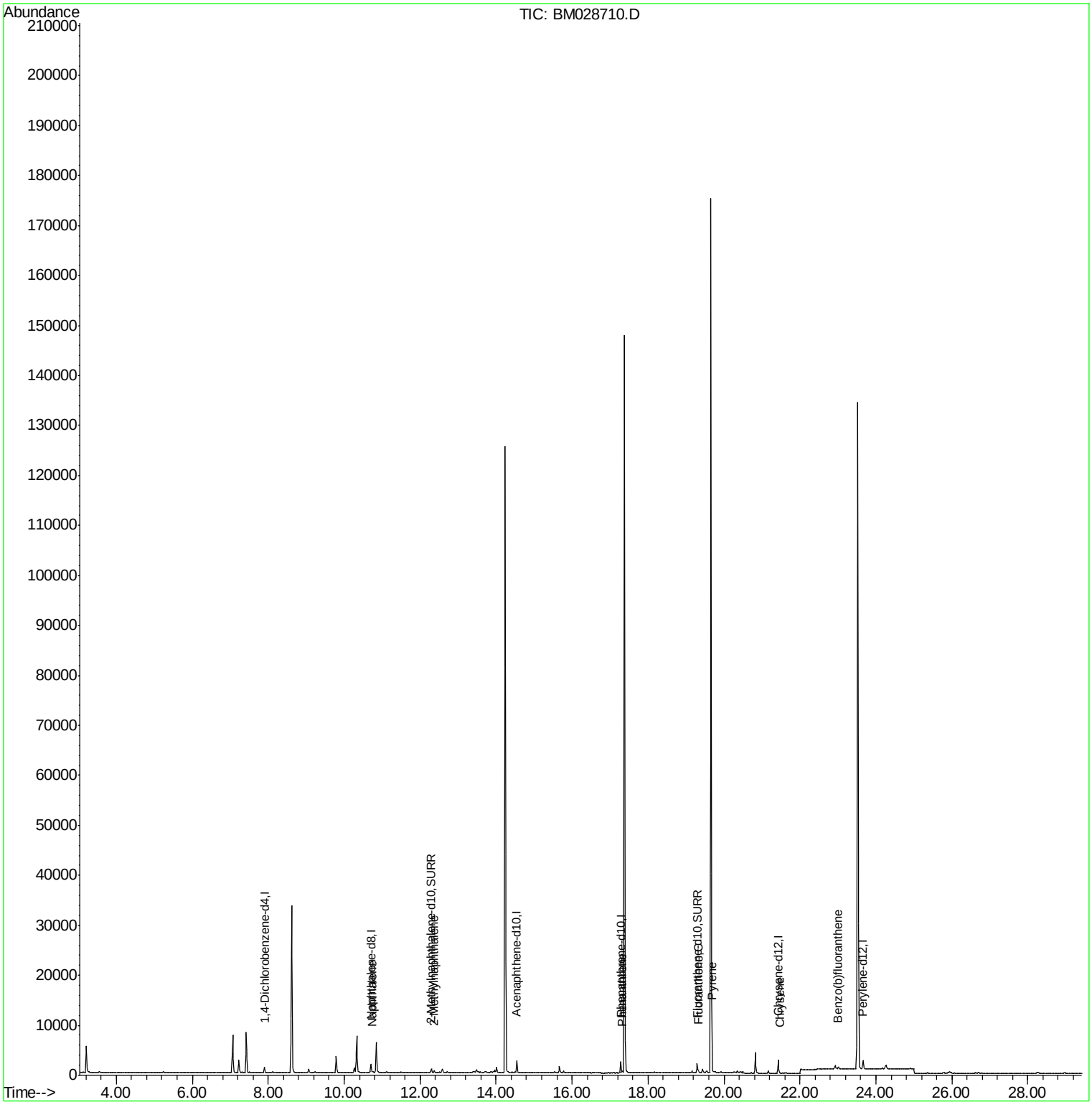

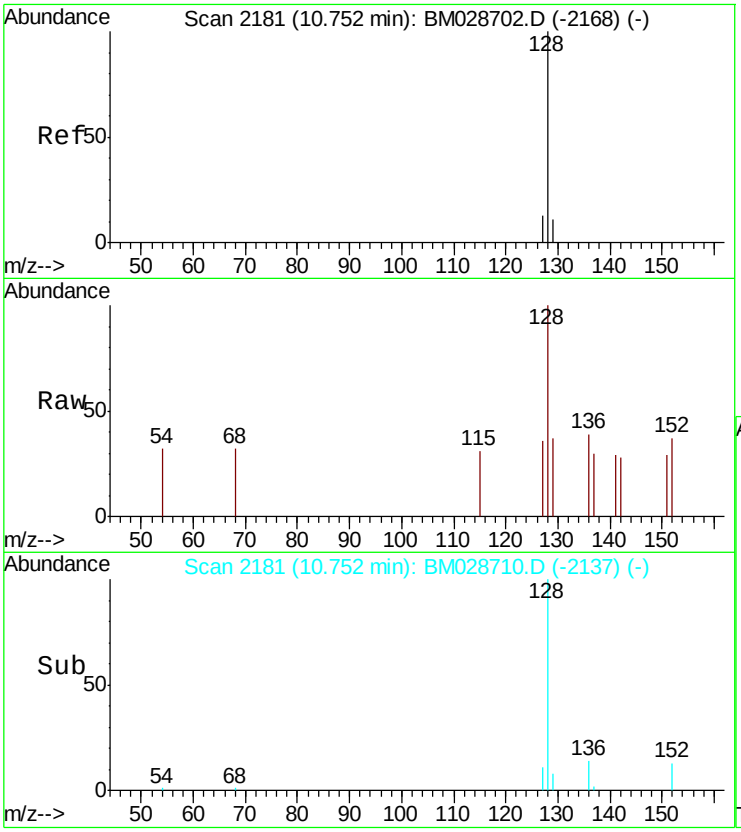

#3
Naphthalene
Concen: 0.037 ng/ul
RT: 10.75 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BM028710.D
Acq: 10 Feb 2021 18:42

Tgt Ion:128 Resp: 212

Ion	Ratio	Lower	Upper
128	100		
129	36.8	11.4	17.2#
127	36.3	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
C0A42

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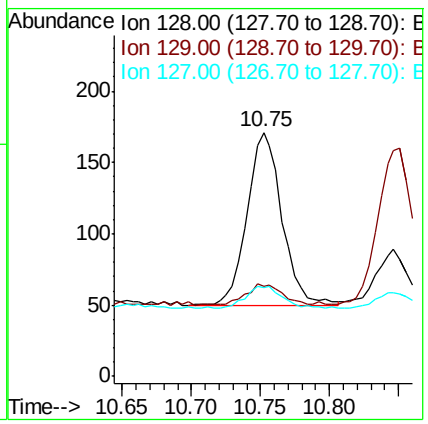
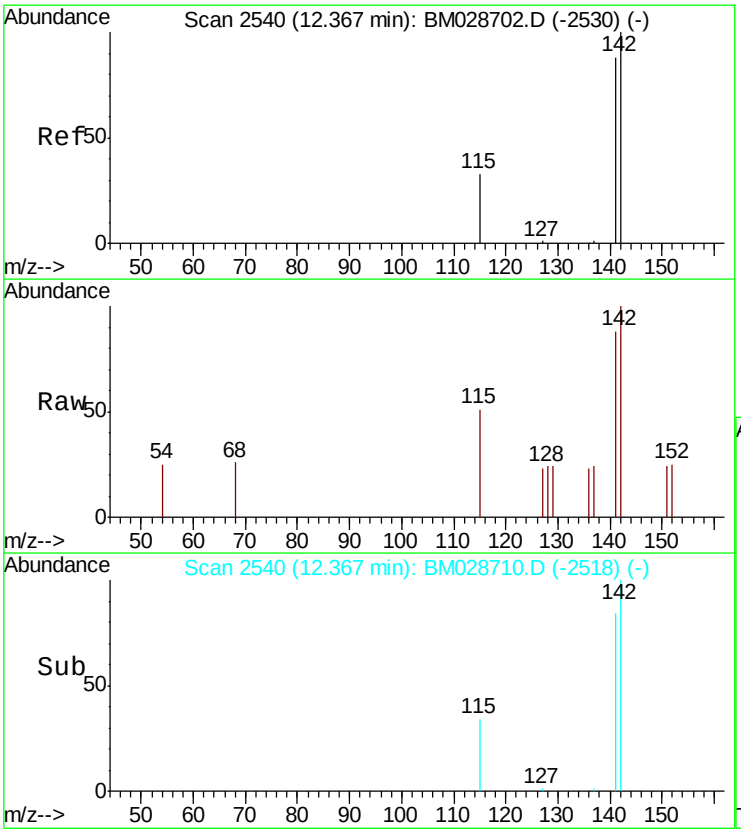
2/11/2021 9:47:06 AM

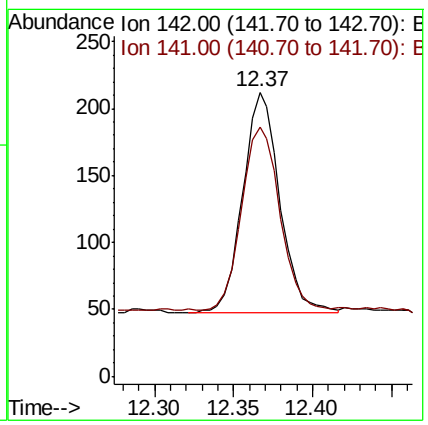


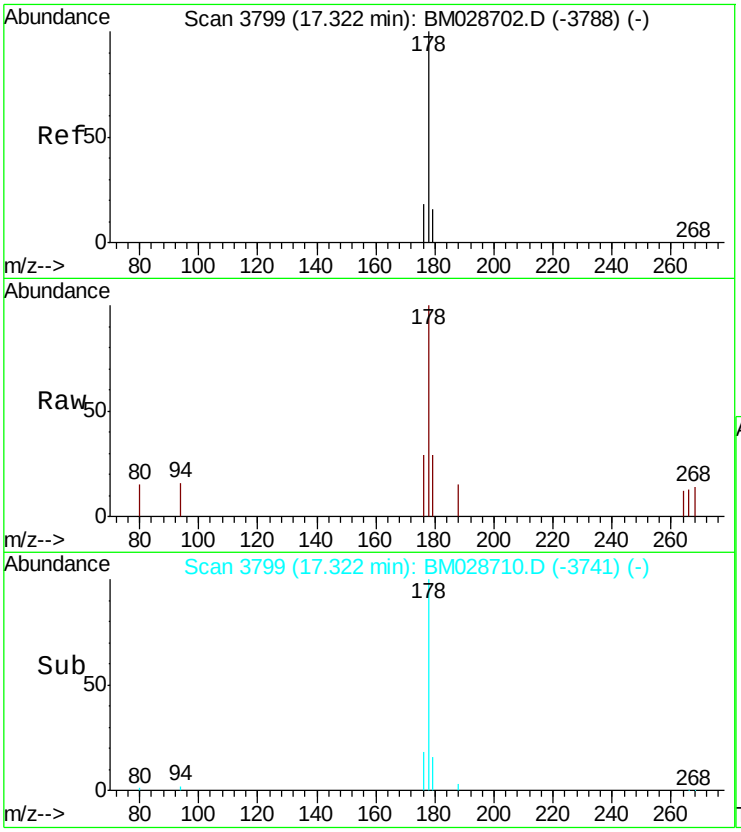


#5
2-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.37 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BM028710.D
Acq: 10 Feb 2021 18:42

Tgt Ion:142 Resp: 264

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.2	108.4





#12
Phenanthrene
Concen: 0.064 ng/ul
RT: 17.32 min Scan# 3799
Delta R.T. -0.00 min
Lab File: BM028710.D
Acq: 10 Feb 2021 18:42

Tgt Ion:178 Resp: 444

Ion	Ratio	Lower	Upper
178	100		
179	28.6	14.7	22.1#
176	28.6	16.7	25.1#

Instrument :
BNA_M
ClientSampleId :
C0A42

Manual Integrations APPROVED
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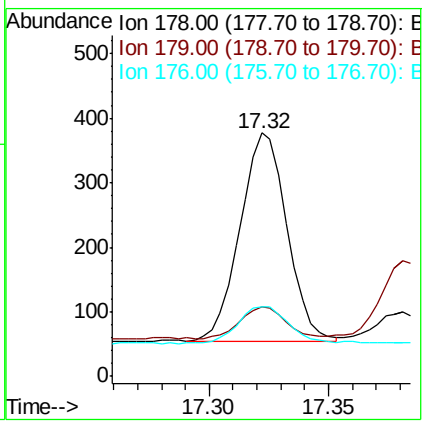
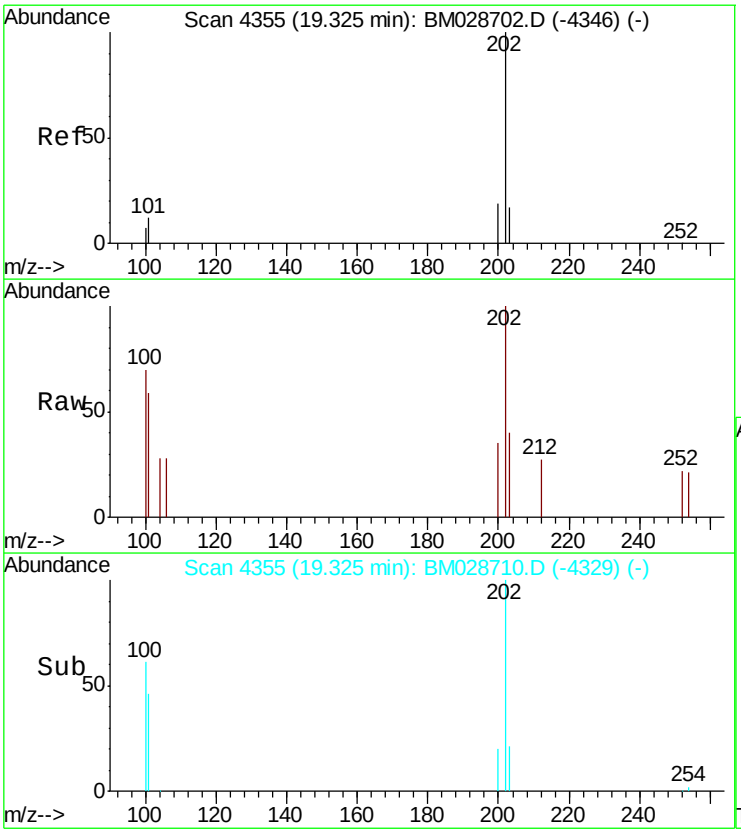
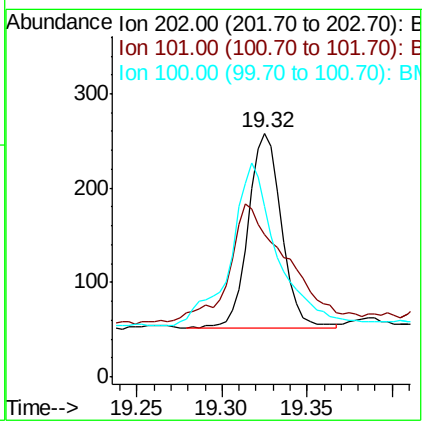


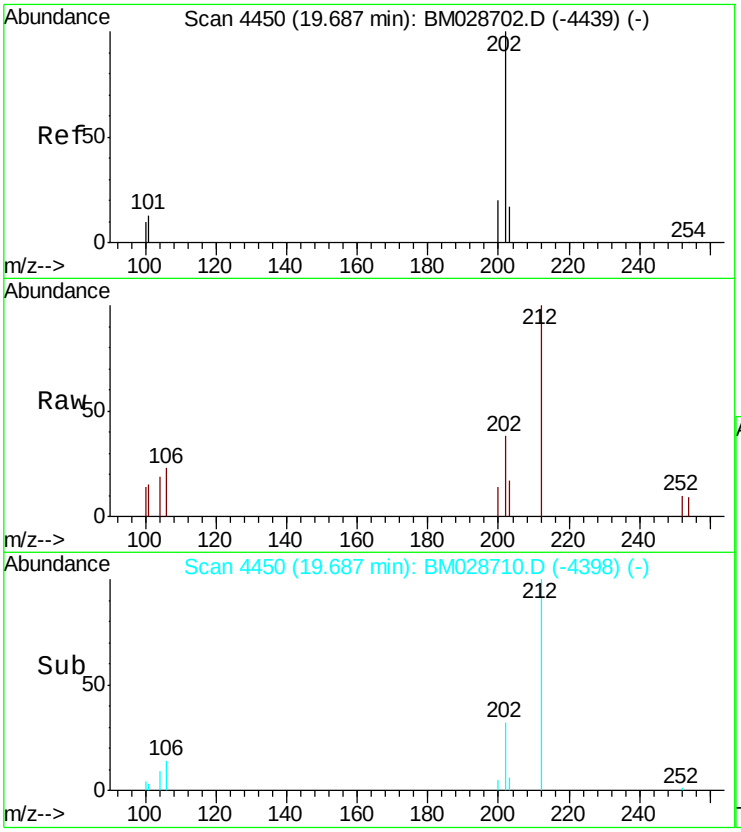


#15
Fluoranthene
Concen: 0.036 ng/ul
RT: 19.32 min Scan# 4355
Delta R.T. -0.00 min
Lab File: BM028710.D
Acq: 10 Feb 2021 18:42

Tgt Ion:202 Resp: 283

Ion	Ratio	Lower	Upper
202	100		
101	58.5	0.0	34.5#
100	69.8	0.0	31.7#





#17
Pyrene
Concen: 0.027 ng/ul
RT: 19.69 min Scan# 4450
Delta R.T. -0.00 min
Lab File: BM028710.D
Acq: 10 Feb 2021 18:42

Tgt Ion:202 Resp: 222

Ion	Ratio	Lower	Upper
202	100		
101	40.0	12.7	19.1#
100	36.9	10.2	15.4#

Instrument :
BNA_M
ClientSampleId :
C0A42

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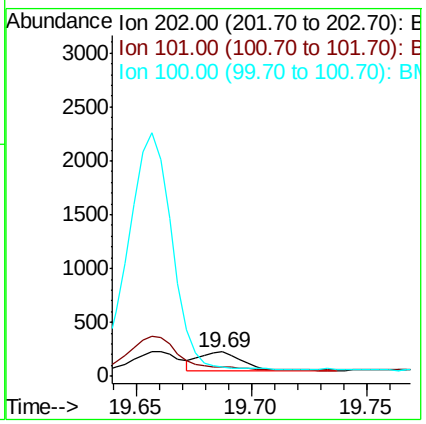
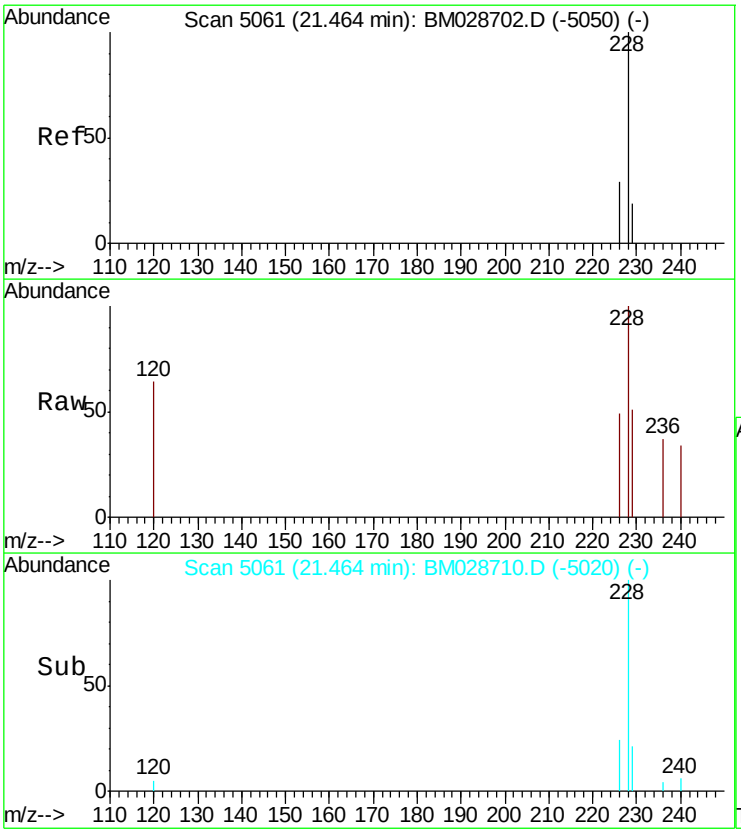
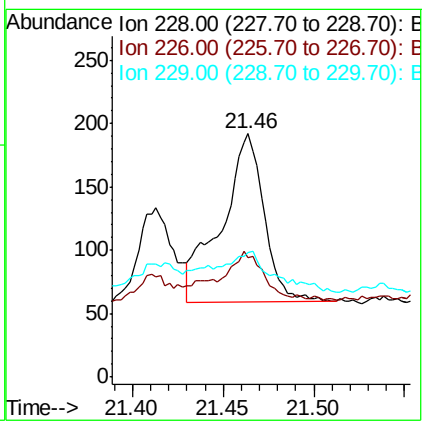


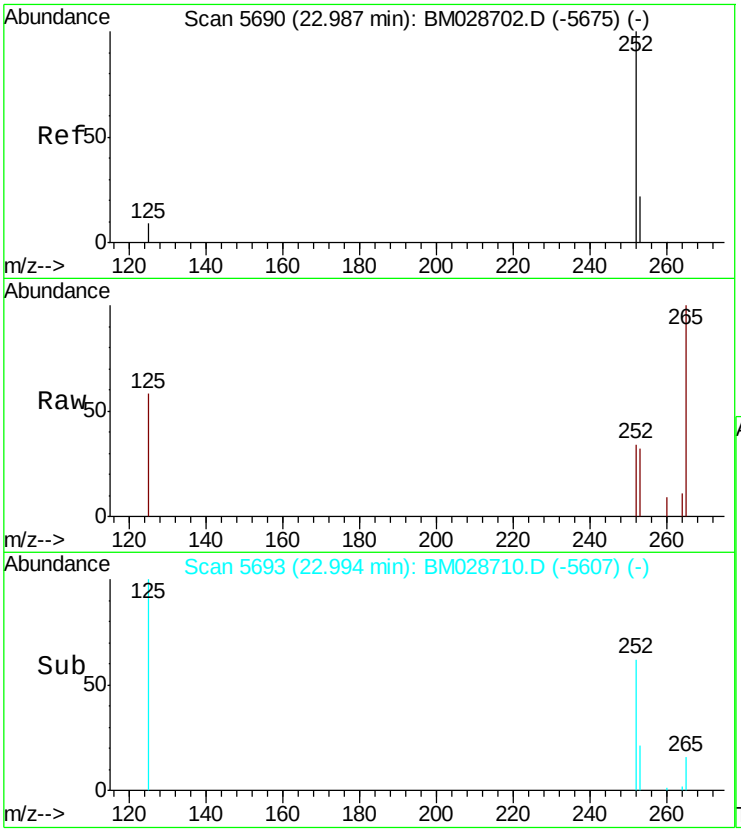


#19
Chrysene
Concen: 0.028 ng/ul
RT: 21.46 min Scan# 5061
Delta R.T. -0.00 min
Lab File: BM028710.D
Acq: 10 Feb 2021 18:42

Tgt Ion:228 Resp: 216

Ion	Ratio	Lower	Upper
228	100		
226	49.0	24.6	37.0#
229	51.0	18.8	28.2#

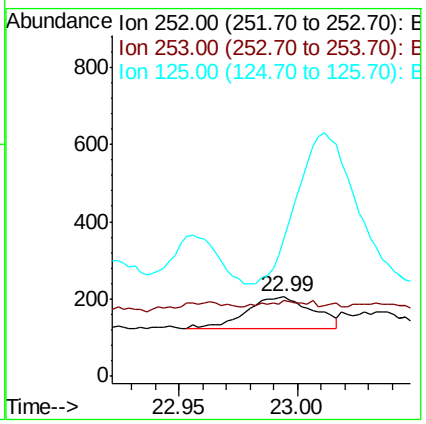




#21
Benzo(b)fluoranthene
Concen: 0.021 ng/ul
RT: 22.99 min Scan# 5693
Delta R.T. 0.01 min
Lab File: BM028710.D
Acq: 10 Feb 2021 18:42

Tgt Ion:252 Resp: 155

Ion	Ratio	Lower	Upper
252	100		
253	95.1	0.0	67.0#
125	173.7	0.0	57.4#



Instrument :
BNA_M
ClientSampleId :
C0A42

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