Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
Data File : BM028713.D
Acq On : 10 Feb 2021 20:32
Operator : CG/JU
Sample : M1310-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0A20

Manual Integrations APPROVED
mohammad
2/11/2021 9:47:20 AM

Quant Time: Feb 11 00:59:04 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	505	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	2041	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1073	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	1903m	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	1717	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	1707	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	706	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1279	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	653	0.129	ng/ul#	84
5) 2-Methylnaphthalene	12.37	142	828	0.243	ng/ul	98
12) Phenanthrene	17.32	178	1121	0.211	ng/ul	94
15) Fluoranthene	19.33	202	438	0.072	ng/ul	68
17) Pyrene	19.68	202	490	0.079	ng/ul#	73
18) Benzo(a)anthracene	21.41	228	183	0.031	ng/ul#	40
19) Chrysene	21.44	228	747	0.128	ng/ul#	71
21) Benzo(b)fluoranthene	22.99	252	337m	0.058	ng/ul	
23) Benzo(a)pyrene	23.56	252	144	0.028	ng/ul#	1
26) Benzo(g,h,i)perylene	26.61	276	194	0.034	ng/ul#	25

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

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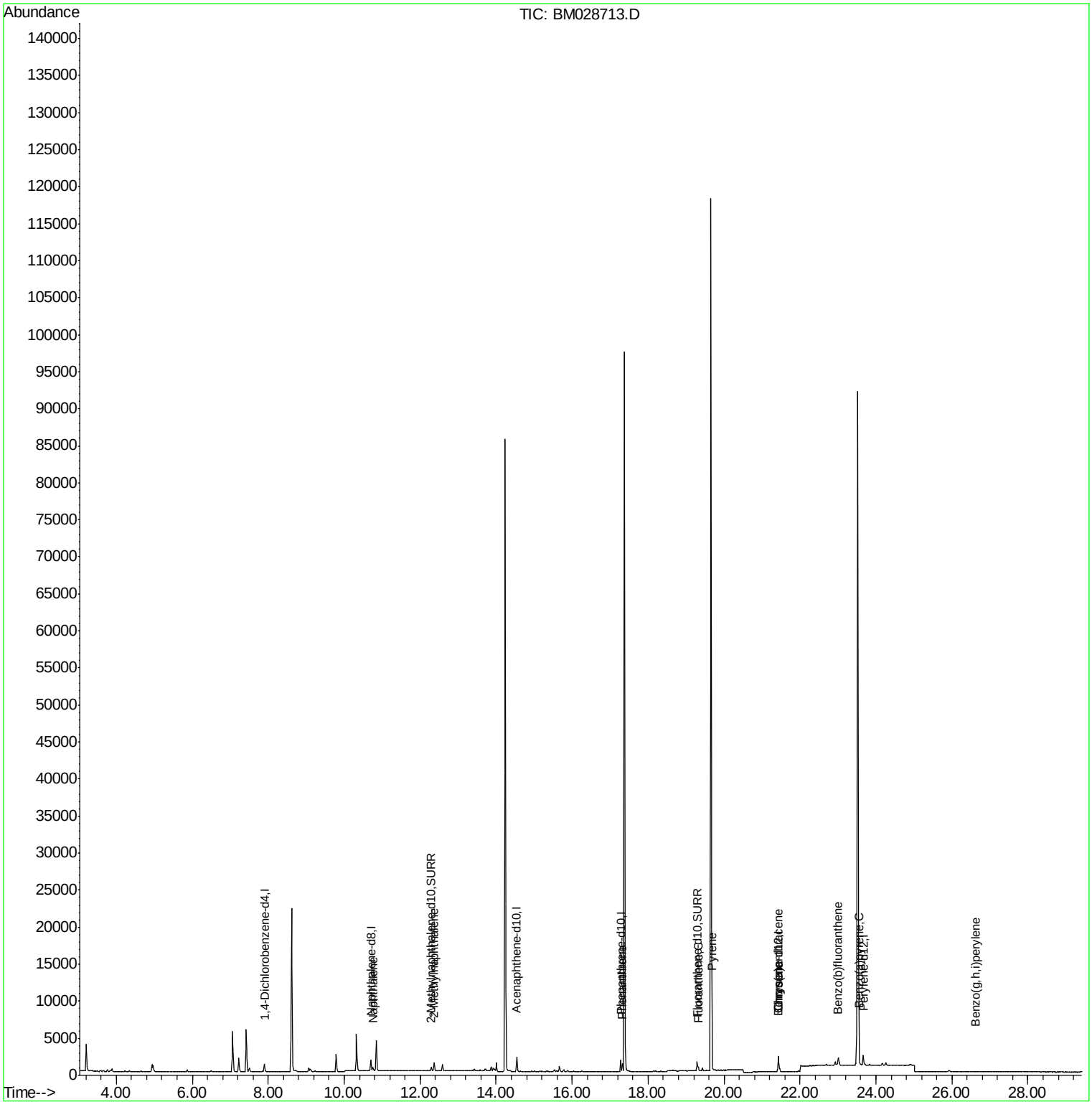

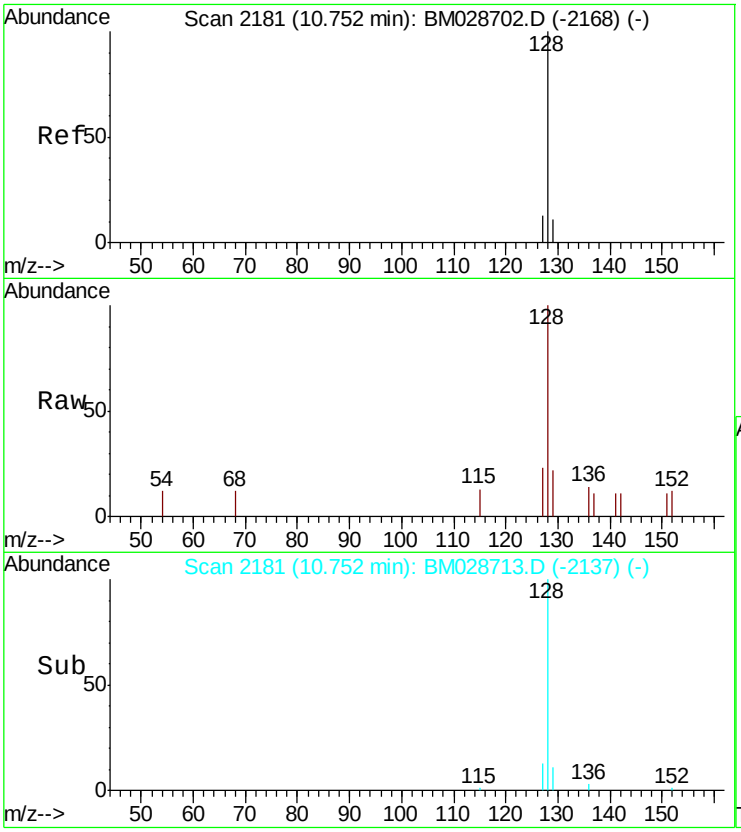

#3
Naphthalene
Concen: 0.129 ng/ul
RT: 10.75 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BM028713.D
Acq: 10 Feb 2021 20:32

Tgt Ion:128 Resp: 653

Ion	Ratio	Lower	Upper
128	100		
129	21.8	11.4	17.2#
127	22.5	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
C0A20

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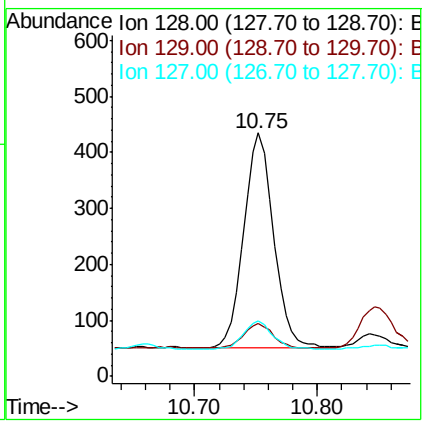
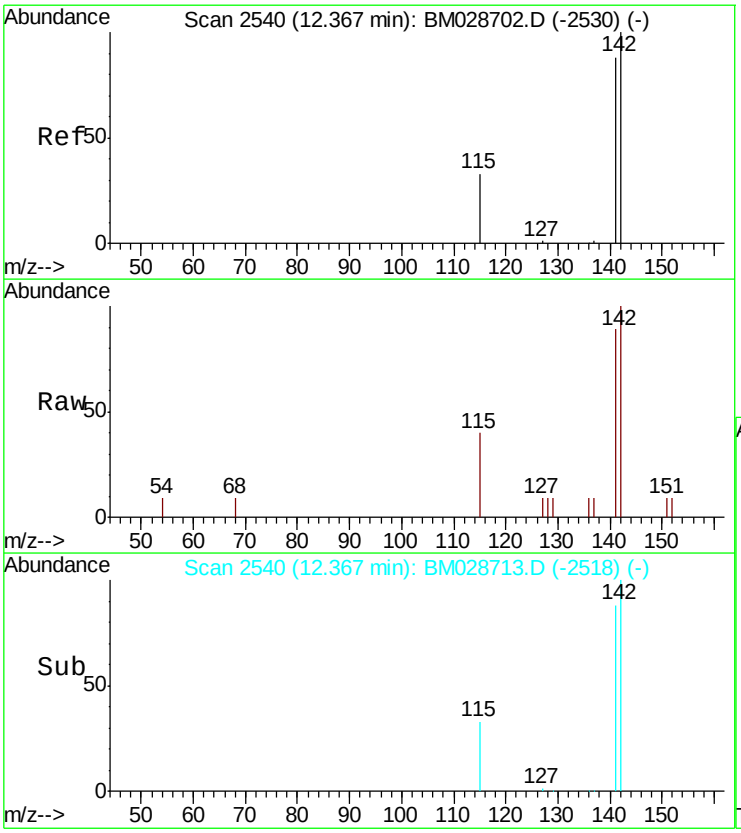
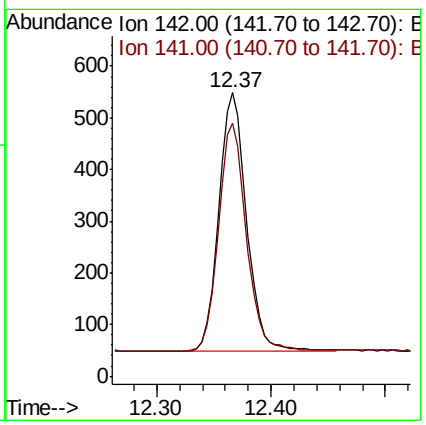


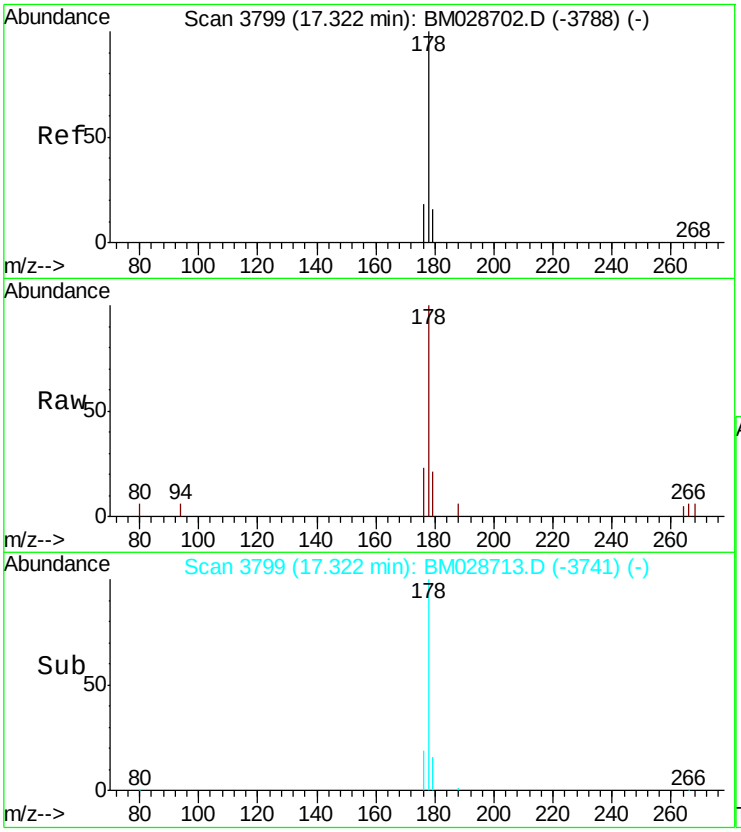


#5
2-Methylnaphthalene
Concen: 0.243 ng/ul
RT: 12.37 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BM028713.D
Acq: 10 Feb 2021 20:32

Tgt Ion:142 Resp: 828

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.2	108.4

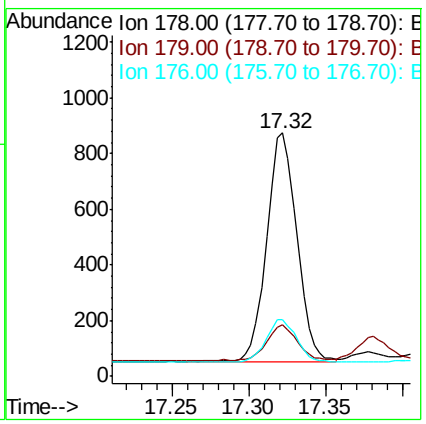




#12
Phenanthrene
Concen: 0.211 ng/ul
RT: 17.32 min Scan# 3799
Delta R.T. 0.00 min
Lab File: BM028713.D
Acq: 10 Feb 2021 20:32

Tgt Ion:178 Resp: 1121

Ion	Ratio	Lower	Upper
178	100		
179	21.4	14.7	22.1
176	23.5	16.7	25.1



Instrument :
BNA_M
ClientSampleId :
C0A20

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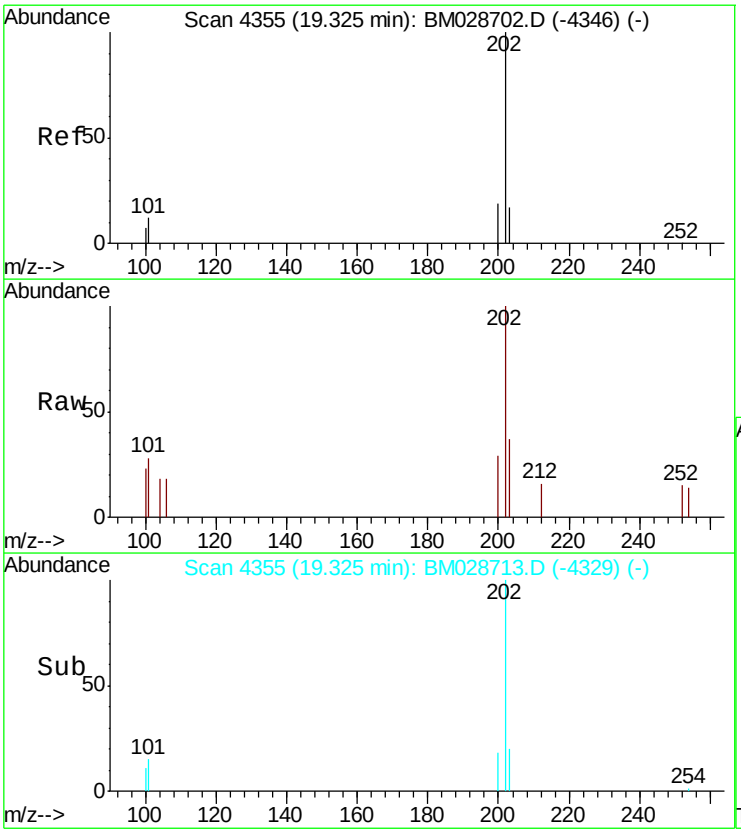
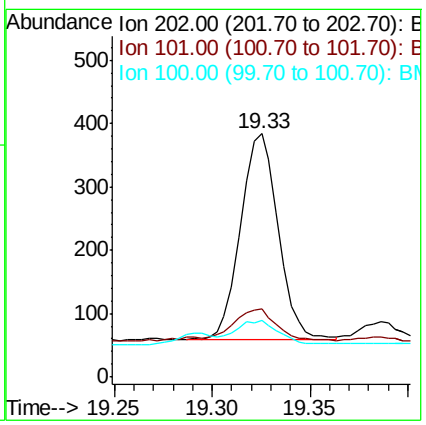
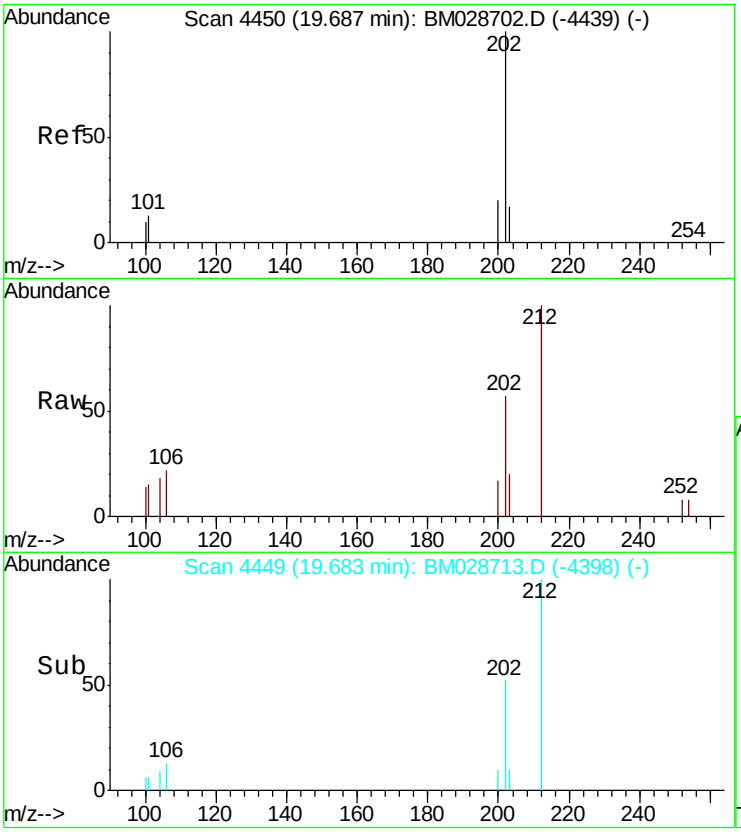


#15
Fluoranthene
Concen: 0.072 ng/ul
RT: 19.33 min Scan# 4355
Delta R.T. 0.00 min
Lab File: BM028713.D
Acq: 10 Feb 2021 20:32

Tgt Ion:202 Resp: 438

Ion	Ratio	Lower	Upper
202	100		
101	28.1	0.0	34.5
100	23.4	0.0	31.7





#17
Pyrene
Concen: 0.079 ng/ul
RT: 19.68 min Scan# 4449
Delta R.T. -0.00 min
Lab File: BM028713.D
Acq: 10 Feb 2021 20:32

Tgt Ion:202 Resp: 490

Ion	Ratio	Lower	Upper
202	100		
101	27.0	12.7	19.1#
100	24.0	10.2	15.4#

Instrument :
BNA_M
ClientSampleId :
C0A20

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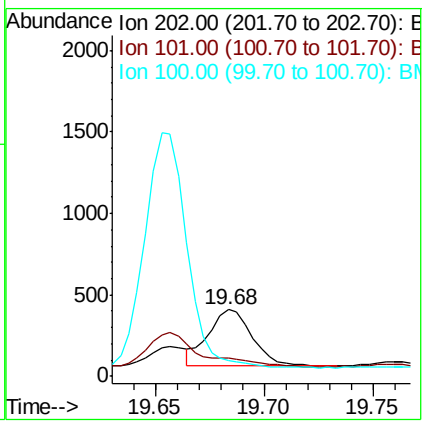
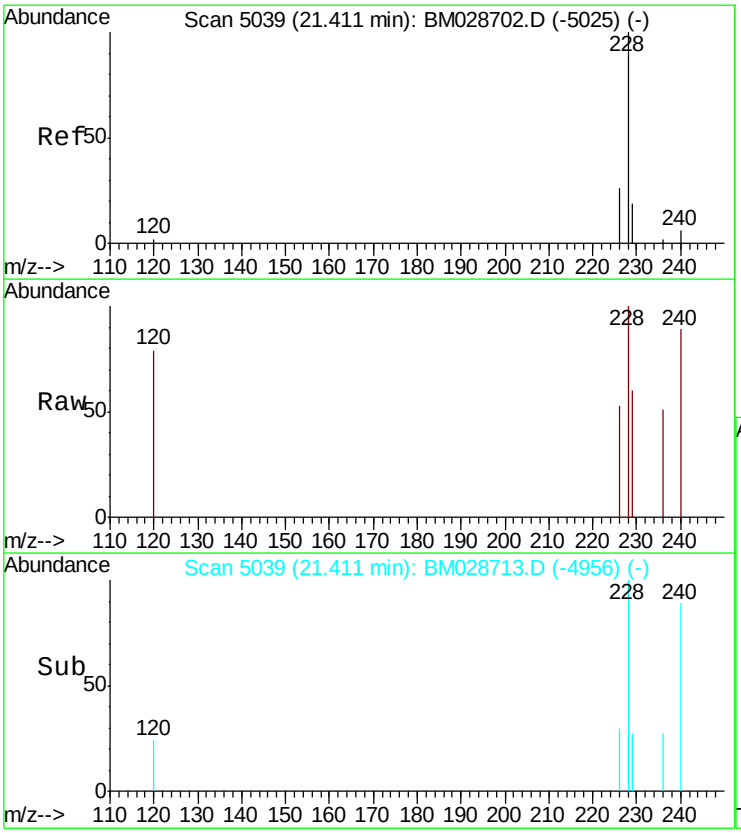
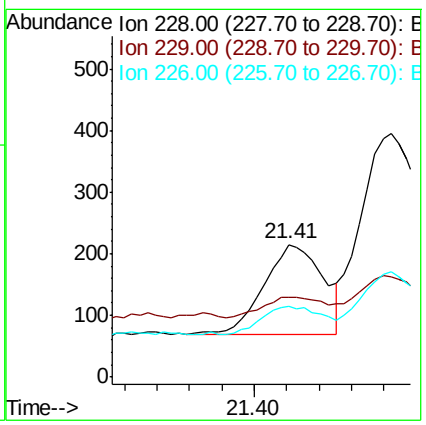


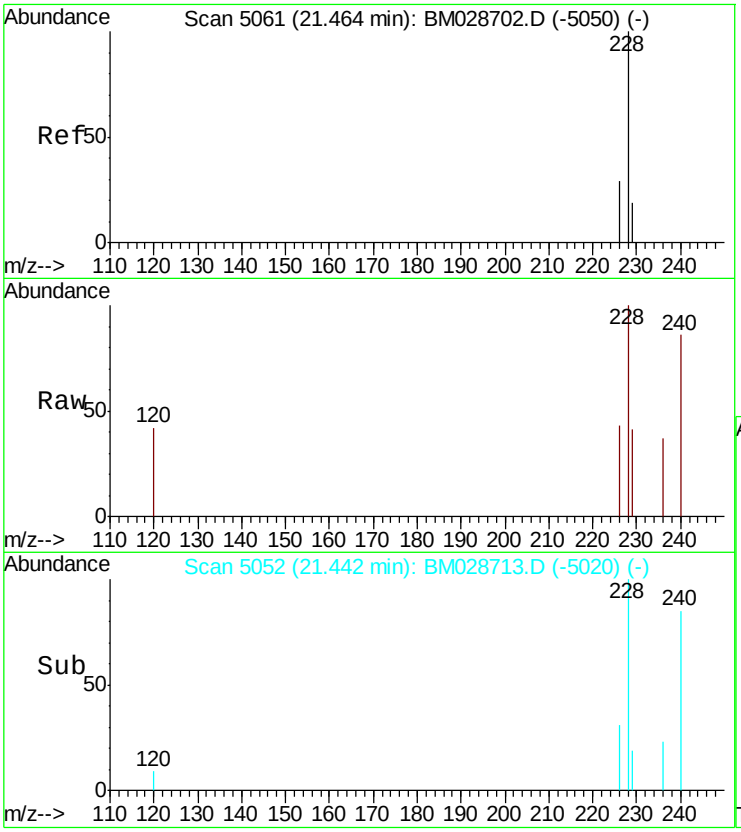


#18
Benzo(a)anthracene
Concen: 0.031 ng/ul
RT: 21.41 min Scan# 5039
Delta R.T. 0.00 min
Lab File: BM028713.D
Acq: 10 Feb 2021 20:32

Tgt Ion:228 Resp: 183

Ion	Ratio	Lower	Upper
228	100		
229	60.5	18.9	28.3#
226	53.5	22.6	34.0#





#19
Chrysene
Concen: 0.128 ng/ul
RT: 21.44 min Scan# 5052
Delta R.T. -0.02 min
Lab File: BM028713.D
Acq: 10 Feb 2021 20:32

Tgt Ion:228 Resp: 747

Ion	Ratio	Lower	Upper
228	100		
226	43.3	24.6	37.0#
229	41.3	18.8	28.2#

Instrument :
BNA_M
ClientSampleId :
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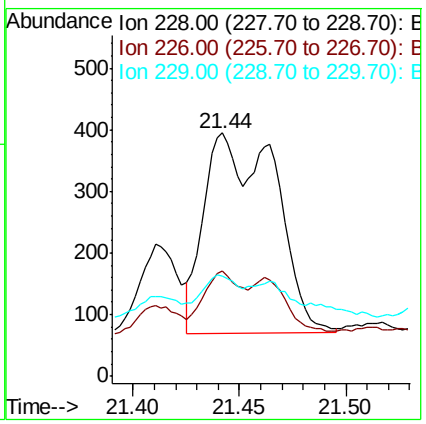
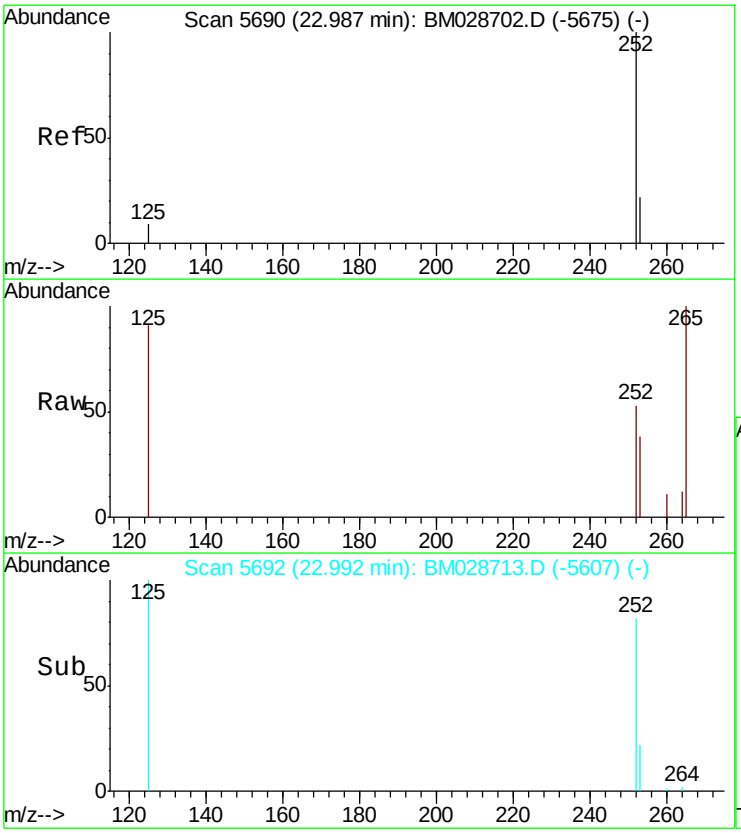
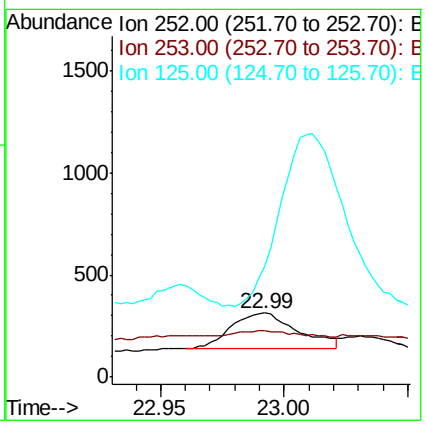


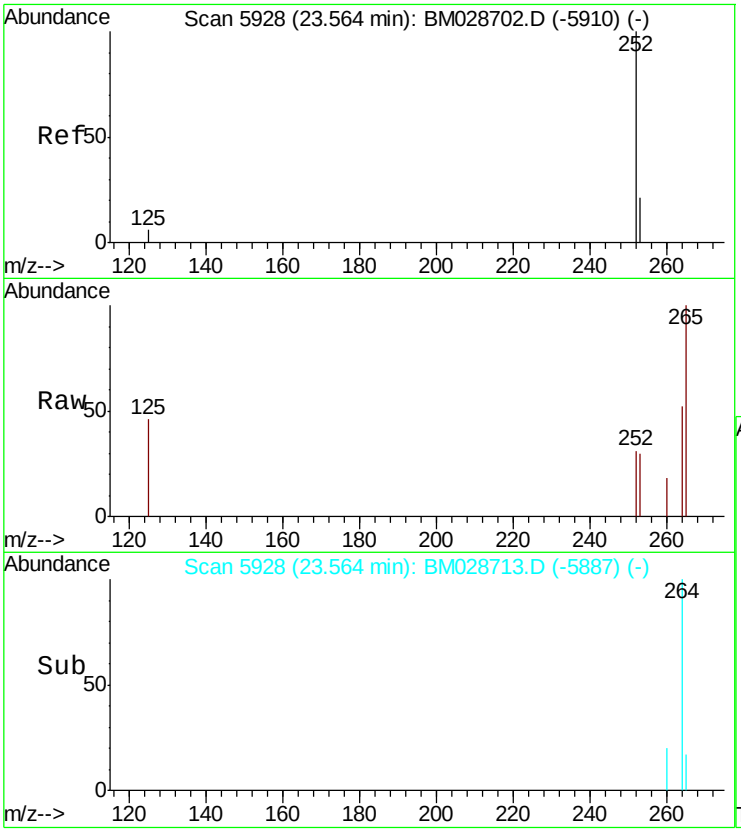


#21
Benzo(b)fluoranthene
Concen: 0.058 ng/ul m
RT: 22.99 min Scan# 5692
Delta R.T. 0.00 min
Lab File: BM028713.D
Acq: 10 Feb 2021 20:32

Tgt Ion:252 Resp: 337

Ion	Ratio	Lower	Upper
252	100		
253	71.7	0.0	67.0#
125	172.1	0.0	57.4#

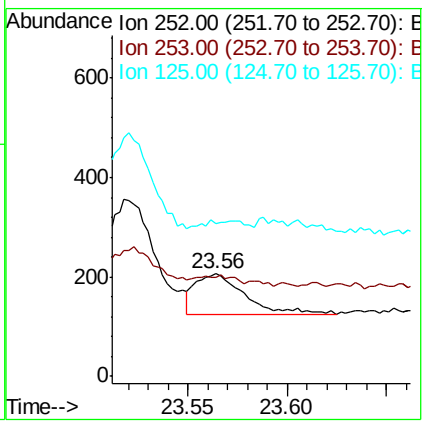




#23
Benzo(a)pyrene
Concen: 0.028 ng/ul
RT: 23.56 min Scan# 5928
Delta R.T. 0.00 min
Lab File: BM028713.D
Acq: 10 Feb 2021 20:32

Tgt Ion:252 Resp: 144

Ion	Ratio	Lower	Upper
252	100		
253	96.1	28.7	43.1#
125	148.5	27.9	41.9#



Instrument :
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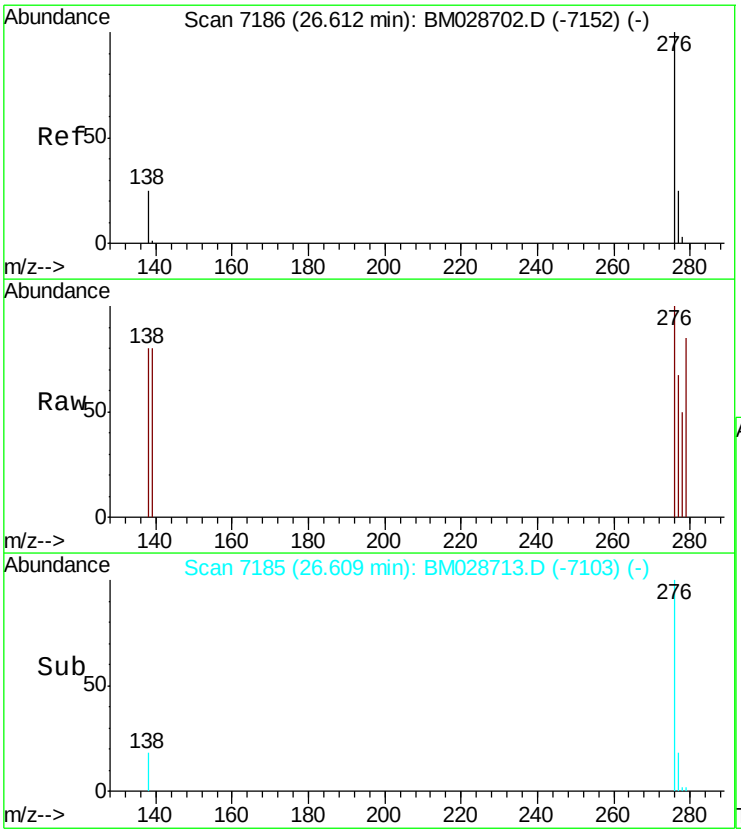

#26
Benzo(g,h,i)perylene
Concen: 0.034 ng/ul
RT: 26.61 min Scan# 7185
Delta R.T. -0.00 min
Lab File: BM028713.D
Acq: 10 Feb 2021 20:32

Tgt Ion:276 Resp: 194

Ion	Ratio	Lower	Upper
276	100		
138	79.7	25.4	38.2#
277	66.9	25.3	37.9#