Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
Data File : BM028708.D
Acq On : 10 Feb 2021 17:30
Operator : CG/JU
Sample : M1310-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A37

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

Quant Time: Feb 11 00:18:34 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	471	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	1848	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1005	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	1889m	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	1689	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	1694	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	592	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1140	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	317	0.069	ng/ul#	64
5) 2-Methylnaphthalene	12.37	142	372	0.121	ng/ul	98
12) Phenanthrene	17.32	178	1019	0.193	ng/ul	94
15) Fluoranthene	19.33	202	680	0.113	ng/ul	73
17) Pyrene	19.68	202	628m	0.102	ng/ul	
18) Benzo(a)anthracene	21.41	228	328	0.057	ng/ul#	71
19) Chrysene	21.46	228	533	0.093	ng/ul#	78
21) Benzo(b)fluoranthene	22.99	252	481m	0.083	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	209m	0.036	ng/ul	
23) Benzo(a)pyrene	23.56	252	304	0.059	ng/ul#	26
24) Indeno(1,2,3-cd)pyrene	25.93	276	246	0.037	ng/ul#	100
26) Benzo(g,h,i)perylene	26.62	276	218	0.039	ng/ul#	36

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

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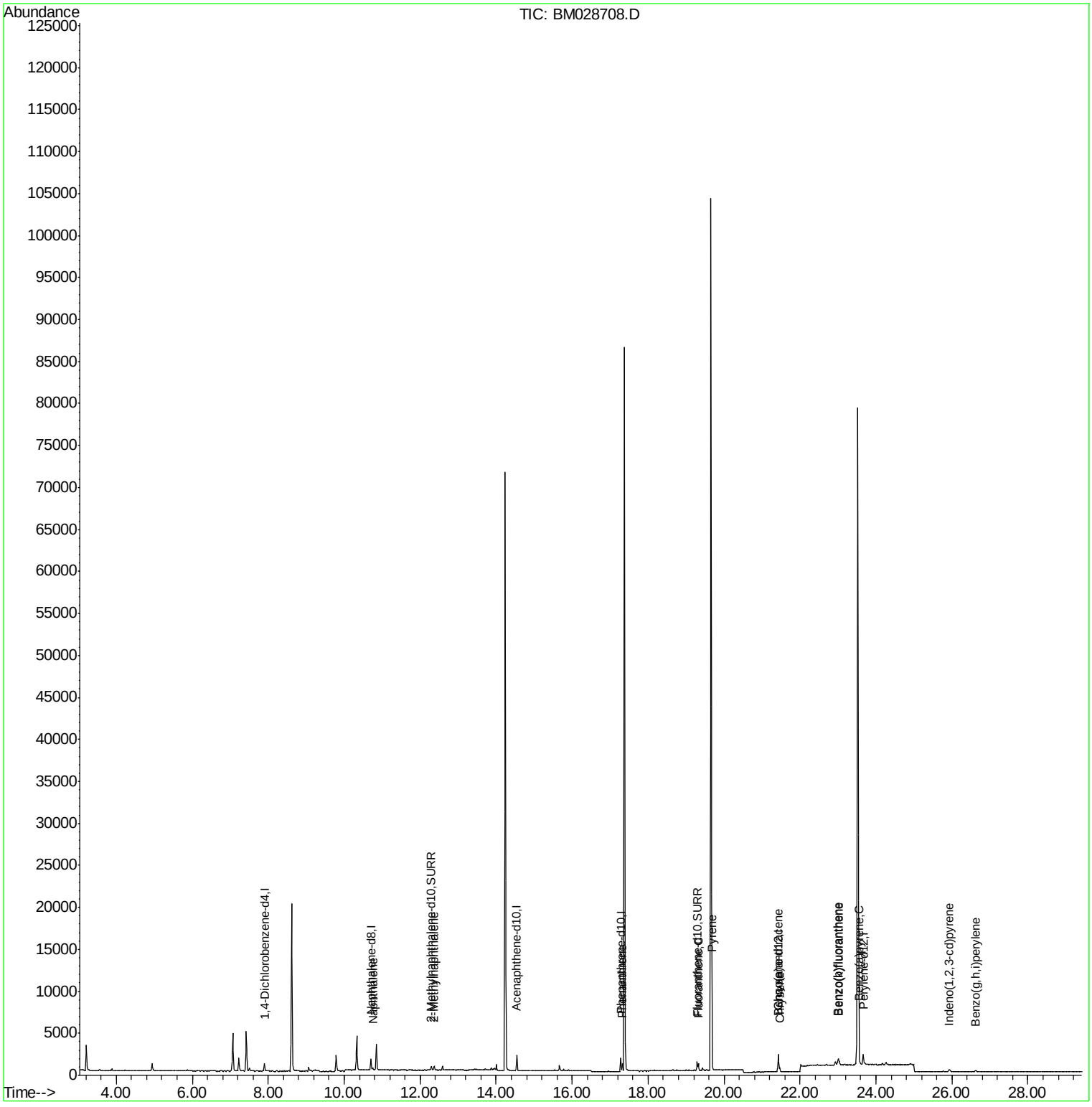
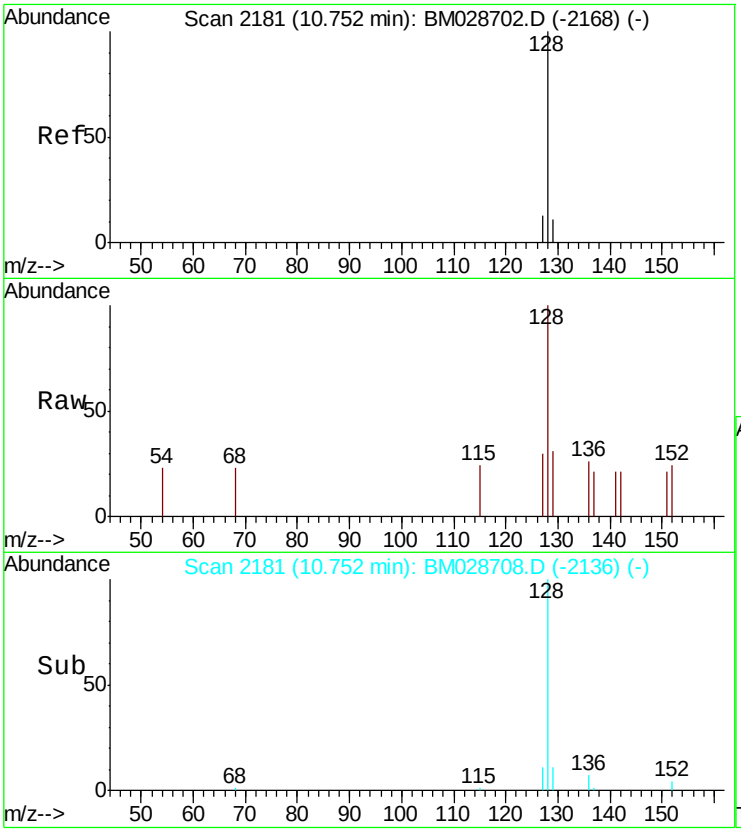
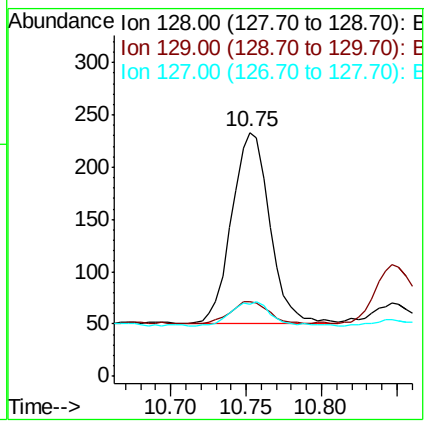




#3
Naphthalene
Concen: 0.069 ng/ul
RT: 10.75 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BM028708.D
Acq: 10 Feb 2021 17:30

Tgt Ion:128 Resp: 317

Ion	Ratio	Lower	Upper
128	100		
129	30.9	11.4	17.2#
127	29.6	13.0	19.6#



Instrument :
BNA_M
ClientSampleId :
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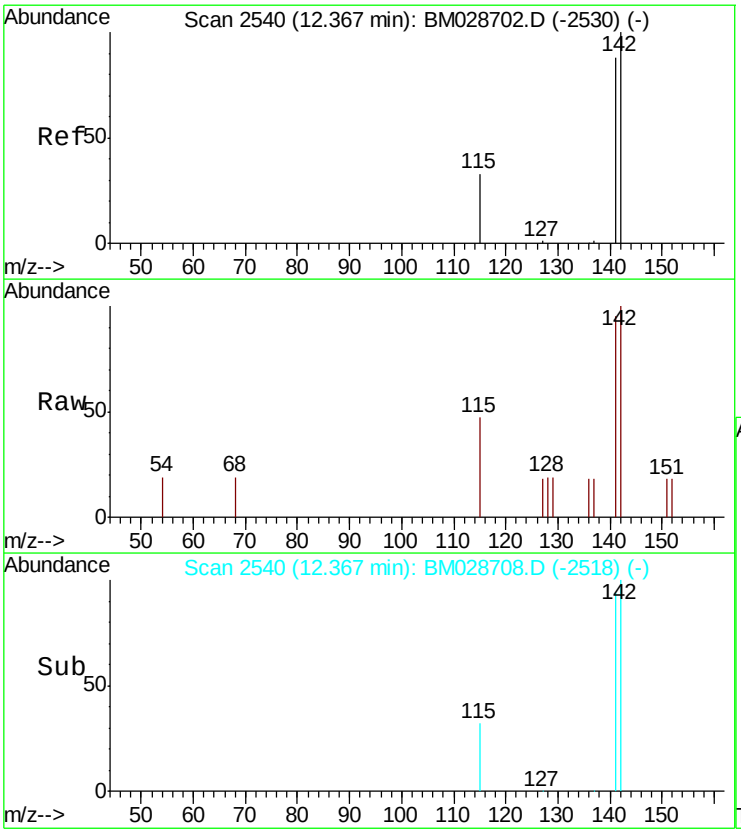
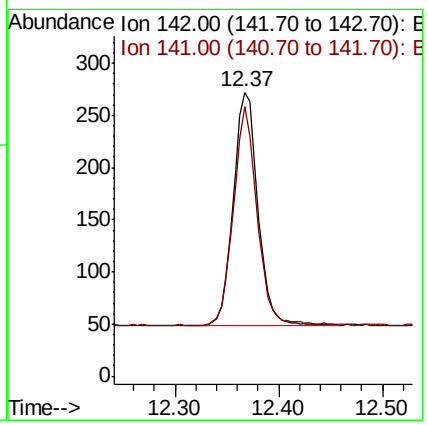
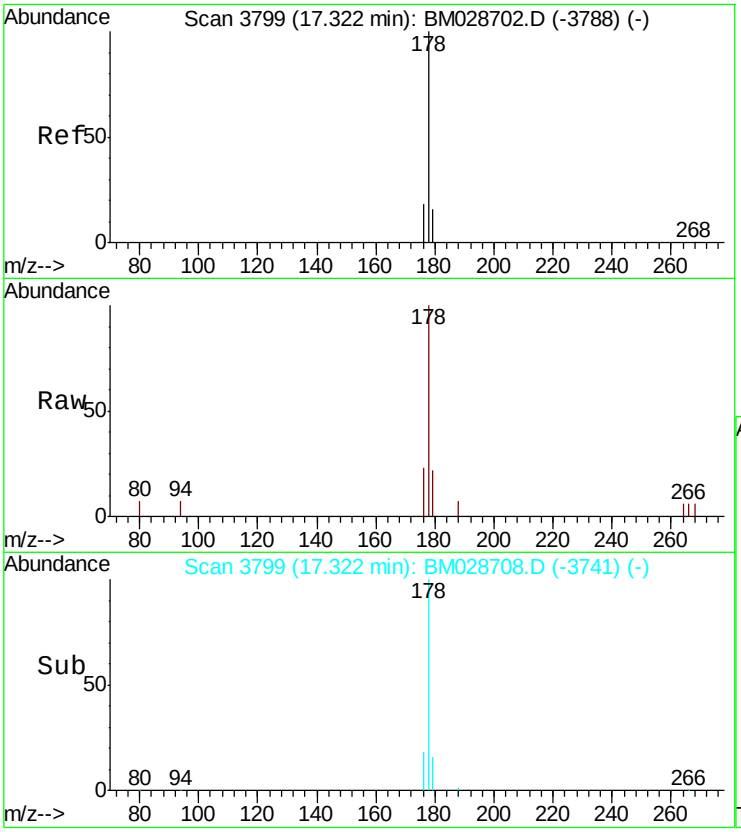


#5
2-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 12.37 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BM028708.D
Acq: 10 Feb 2021 17:30

Tgt Ion:142 Resp: 372

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.2	108.4





#12
Phenanthrene
Concen: 0.193 ng/ul
RT: 17.32 min Scan# 3799
Delta R.T. 0.00 min
Lab File: BM028708.D
Acq: 10 Feb 2021 17:30

Tgt Ion:178 Resp: 1019

Ion	Ratio	Lower	Upper
178	100		
179	21.8	14.7	22.1
176	22.9	16.7	25.1

Instrument :
BNA_M
ClientSampleId :
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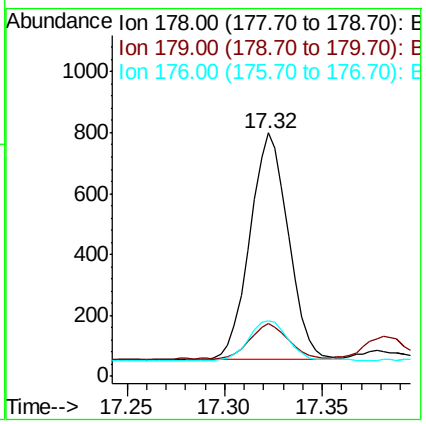
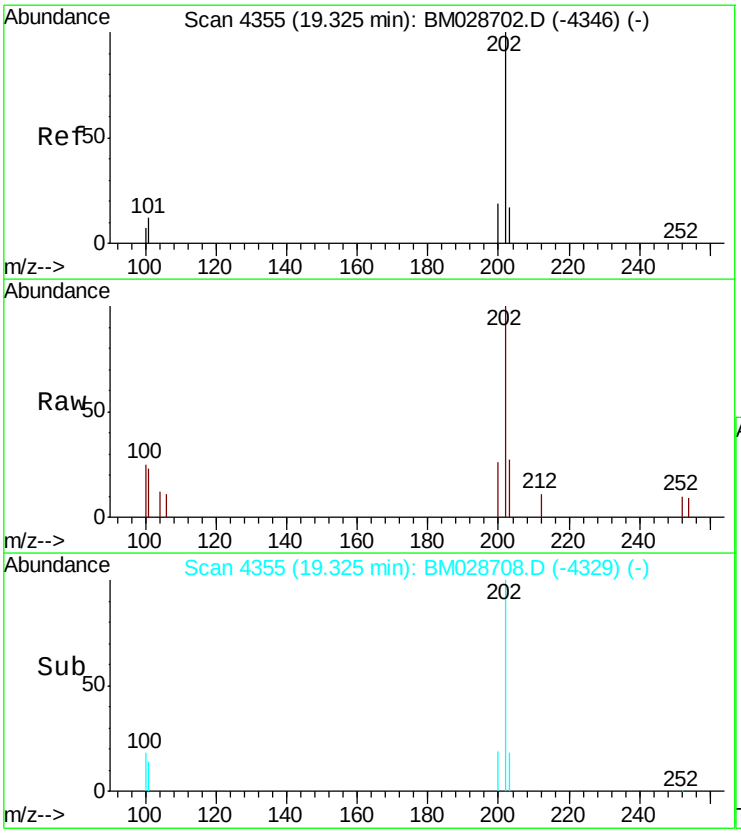
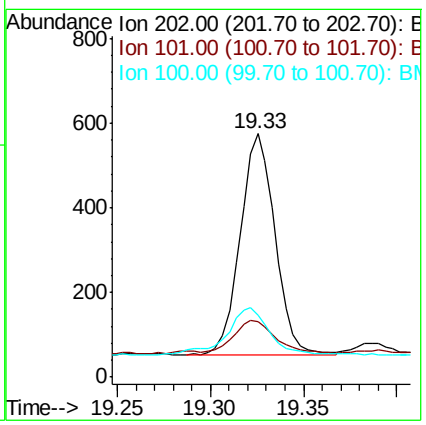


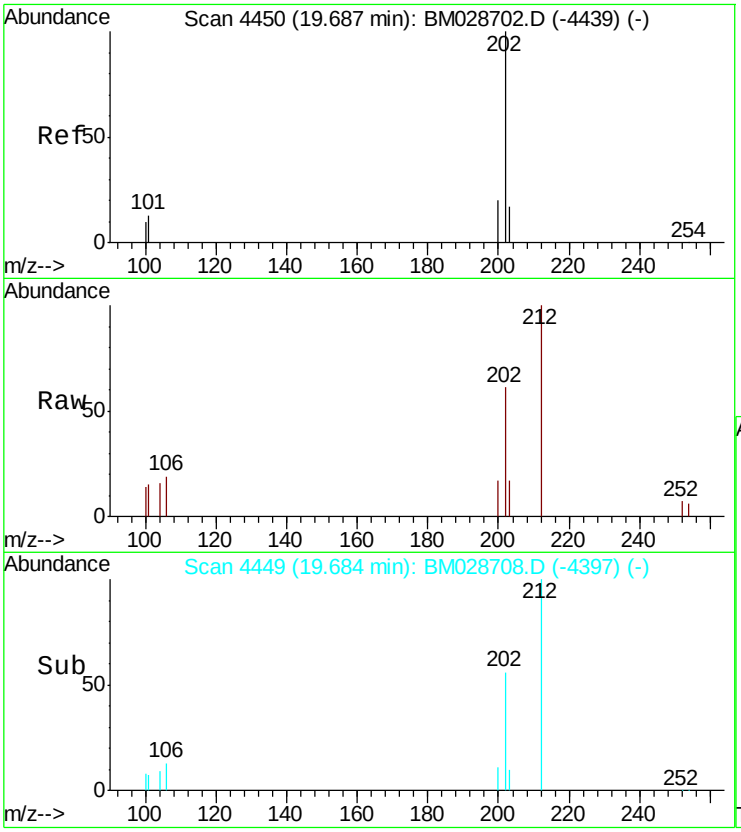


#15
Fluoranthene
Concen: 0.113 ng/ul
RT: 19.33 min Scan# 4355
Delta R.T. 0.00 min
Lab File: BM028708.D
Acq: 10 Feb 2021 17:30

Tgt Ion:202 Resp: 680

Ion	Ratio	Lower	Upper
202	100		
101	22.6	0.0	34.5
100	25.4	0.0	31.7





#17
Pyrene
Concen: 0.102 ng/ul m
RT: 19.68 min Scan# 4449
Delta R.T. -0.00 min
Lab File: BM028708.D
Acq: 10 Feb 2021 17:30

Tgt Ion:202 Resp: 628

Ion	Ratio	Lower	Upper
202	100		
101	24.9	12.7	19.1#
100	23.3	10.2	15.4#

Instrument :
BNA_M
ClientSampleId :
C0A37

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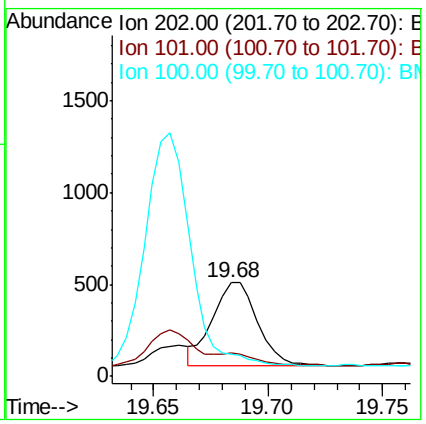
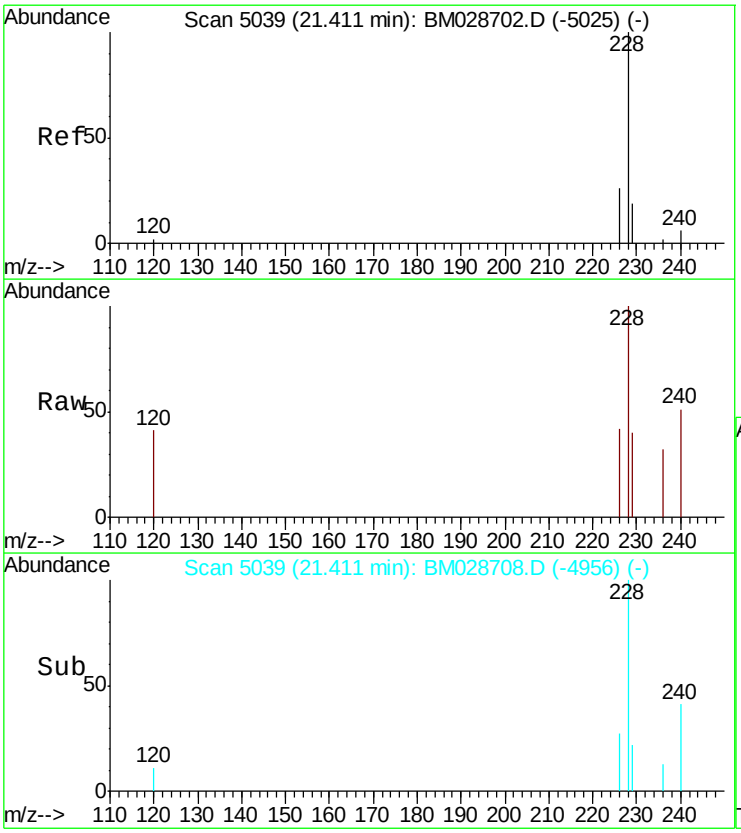
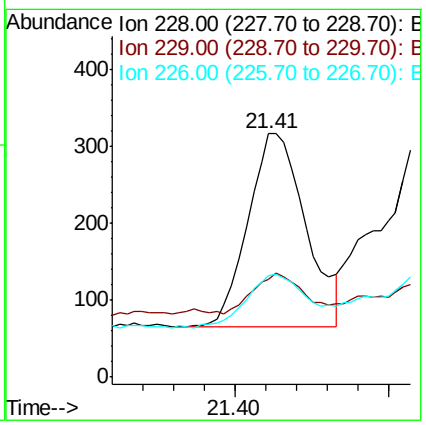


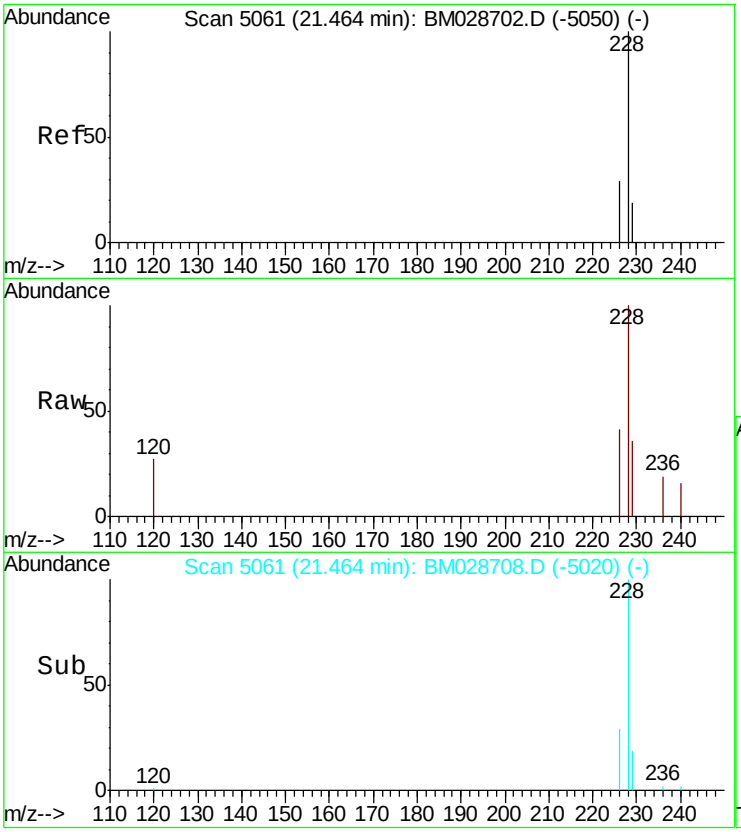


#18
Benzo(a)anthracene
Concen: 0.057 ng/ul
RT: 21.41 min Scan# 5039
Delta R.T. 0.00 min
Lab File: BM028708.D
Acq: 10 Feb 2021 17:30

Tgt Ion:228 Resp: 328

Ion	Ratio	Lower	Upper
228	100		
229	40.1	18.9	28.3#
226	41.6	22.6	34.0#

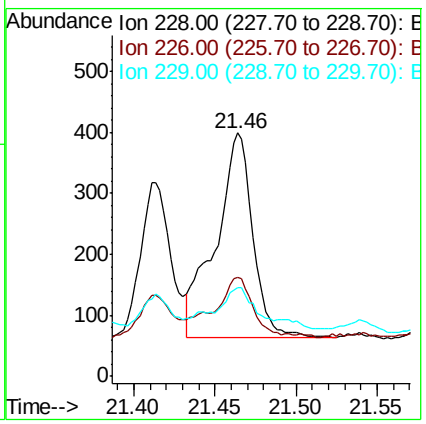




#19
Chrysene
Concen: 0.093 ng/ul
RT: 21.46 min Scan# 5061
Delta R.T. 0.00 min
Lab File: BM028708.D
Acq: 10 Feb 2021 17:30

Tgt Ion:228 Resp: 533

Ion	Ratio	Lower	Upper
228	100		
226	40.6	24.6	37.0#
229	36.3	18.8	28.2#



Instrument :
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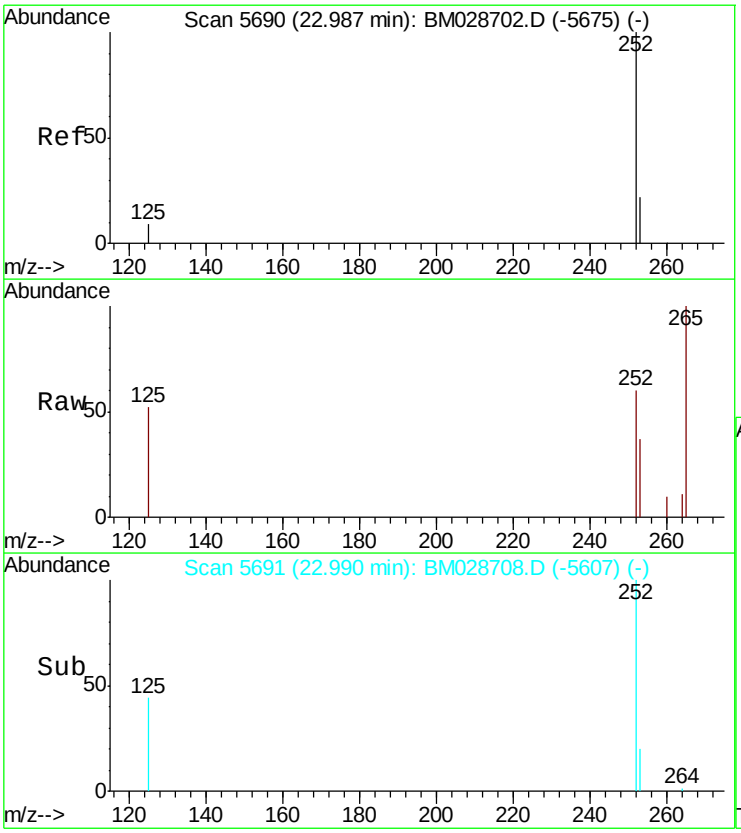
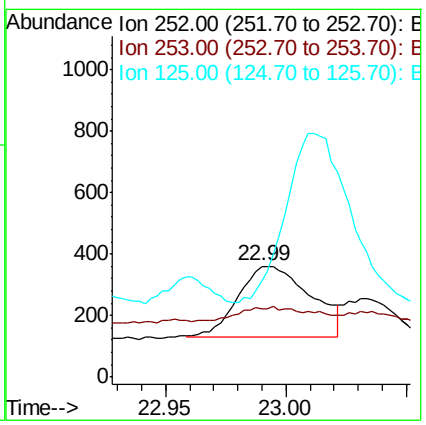
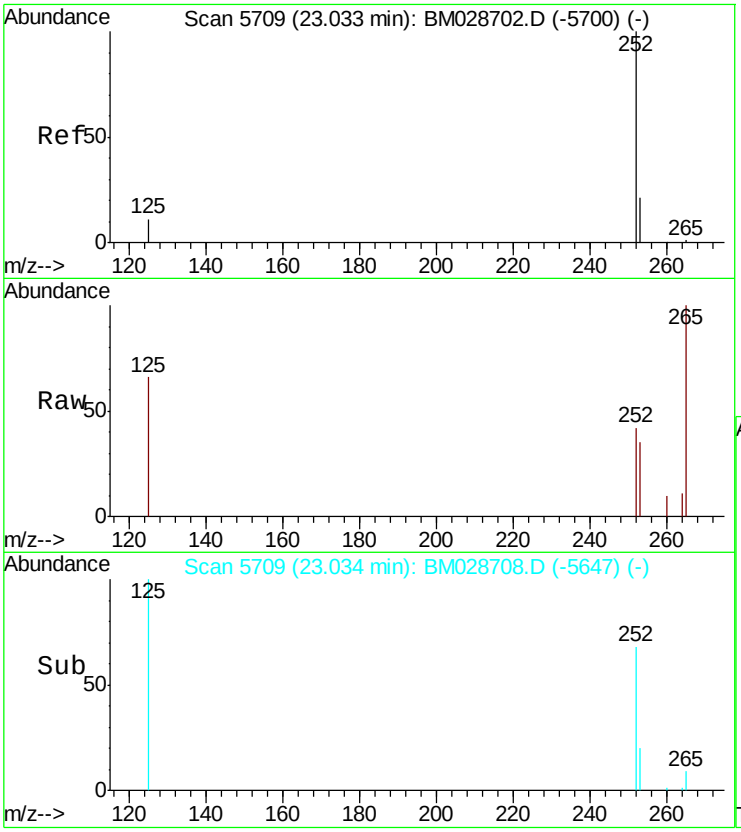


#21
Benzo(b)fluoranthene
Concen: 0.083 ng/ul m
RT: 22.99 min Scan# 5691
Delta R.T. 0.00 min
Lab File: BM028708.D
Acq: 10 Feb 2021 17:30

Tgt Ion:252 Resp: 481

Ion	Ratio	Lower	Upper
252	100		
253	61.9	0.0	67.0
125	87.2	0.0	57.4#

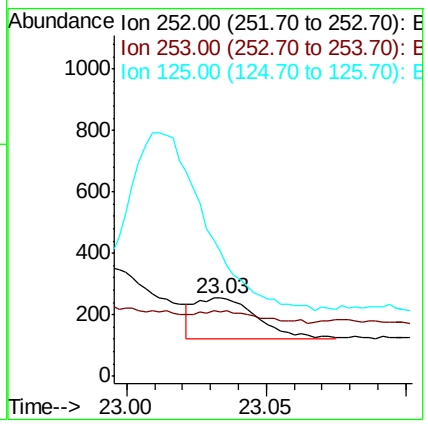




#22
Benzo(k)fluoranthene
Concen: 0.036 ng/ul m
RT: 23.03 min Scan# 5709
Delta R.T. 0.00 min
Lab File: BM028708.D
Acq: 10 Feb 2021 17:30

Tgt Ion:252 Resp: 209

Ion	Ratio	Lower	Upper
252	100		
253	82.4	26.3	39.5#
125	158.4	22.9	34.3#



Instrument :
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ClientSampleId :
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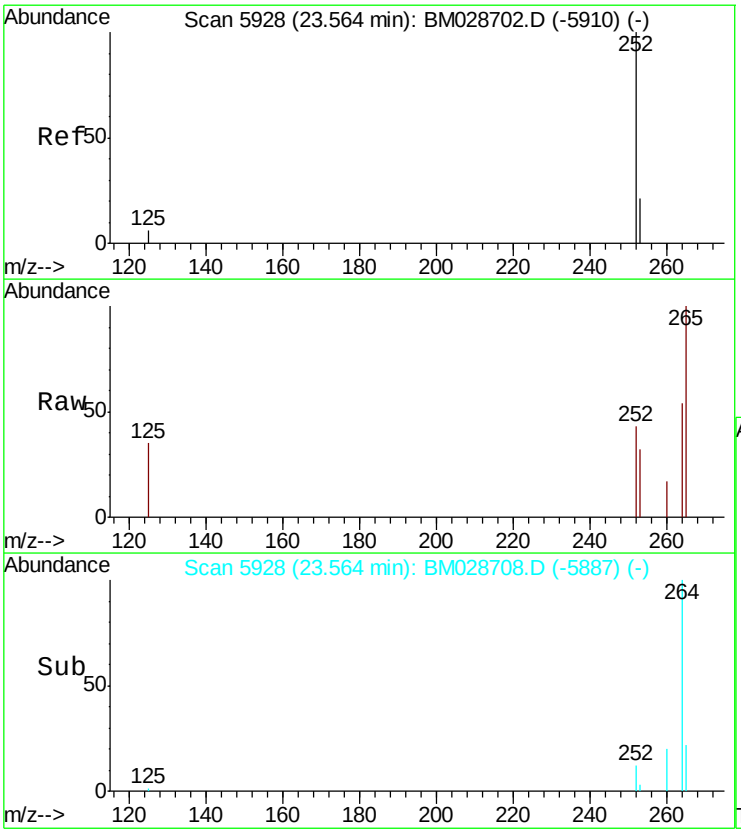
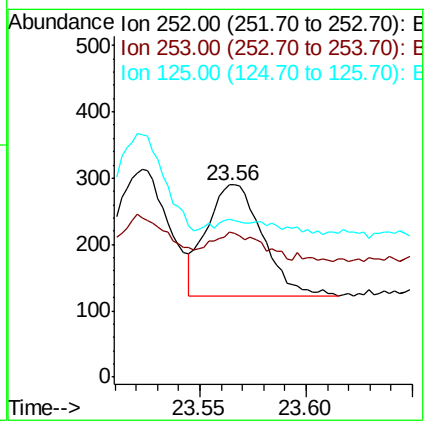
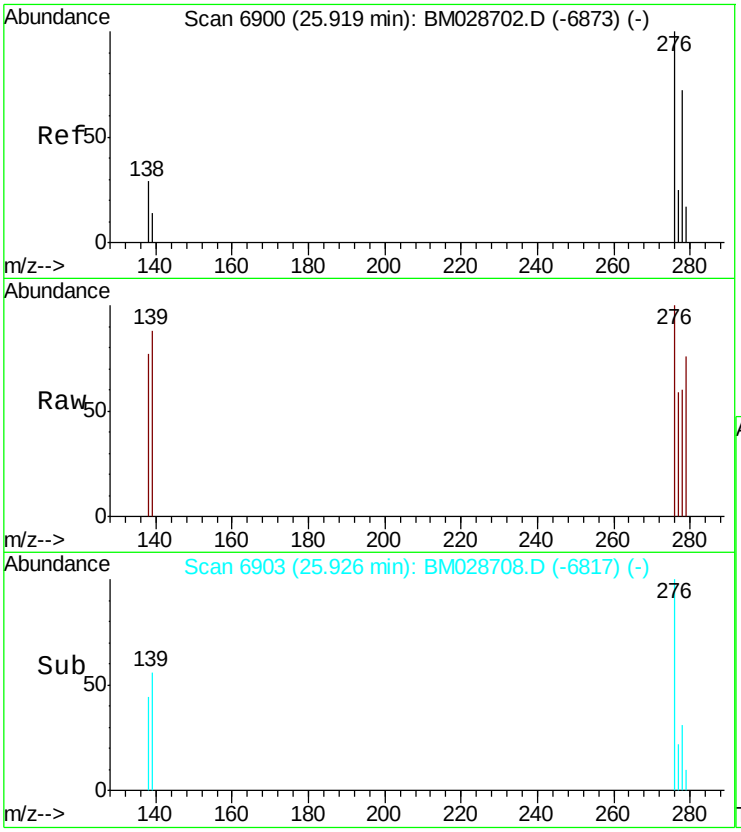


#23
Benzo(a)pyrene
Concen: 0.059 ng/ul
RT: 23.56 min Scan# 5928
Delta R.T. 0.00 min
Lab File: BM028708.D
Acq: 10 Feb 2021 17:30

Tgt Ion:252 Resp: 304

Ion	Ratio	Lower	Upper
252	100		
253	75.2	28.7	43.1#
125	82.1	27.9	41.9#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng/ul
RT: 25.93 min Scan# 6903
Delta R.T. 0.01 min
Lab File: BM028708.D
Acq: 10 Feb 2021 17:30

Tgt Ion:276 Resp: 246

Ion	Ratio	Lower	Upper
276	100		
138	50.4	0.0	0.0#
227	0.0	0.0	0.0

Instrument :
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ClientSampleId :
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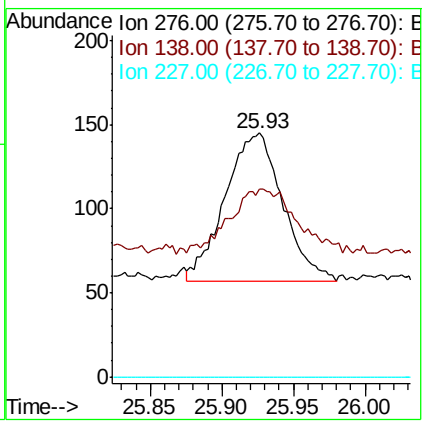

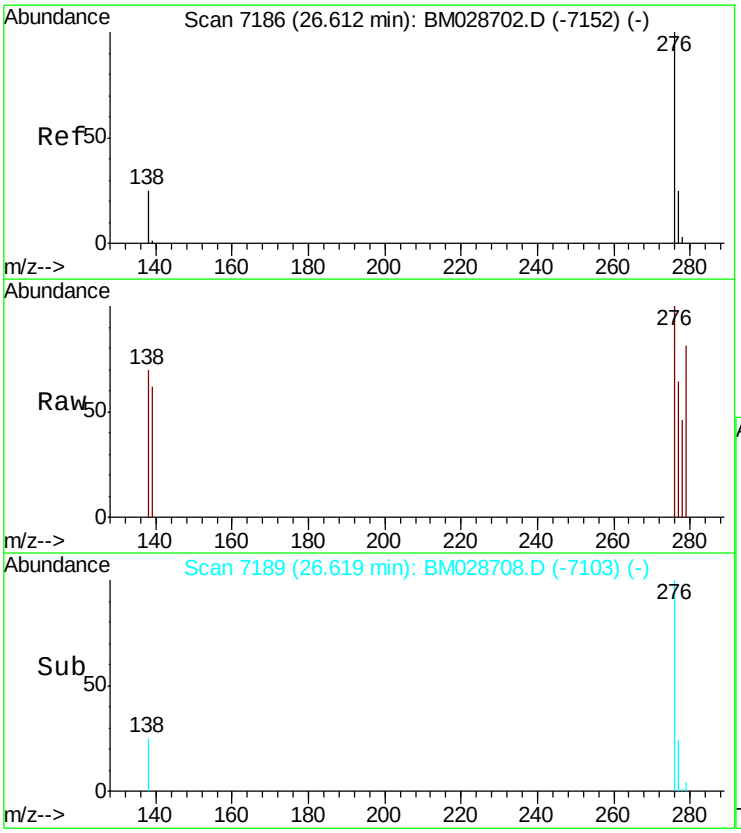

#26
Benzo(g,h,i)perylene
Concen: 0.039 ng/ul
RT: 26.62 min Scan# 7189
Delta R.T. 0.01 min
Lab File: BM028708.D
Acq: 10 Feb 2021 17:30

Tgt Ion:276 Resp: 218

Ion	Ratio	Lower	Upper
276	100		
138	70.3	25.4	38.2#
277	64.1	25.3	37.9#