

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031481.D
 Acq On : 05 Aug 2021 13:16
 Operator : CG/JU
 Sample : M3141-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGER0

Quant Time: Aug 05 13:47:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 05 11:03:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

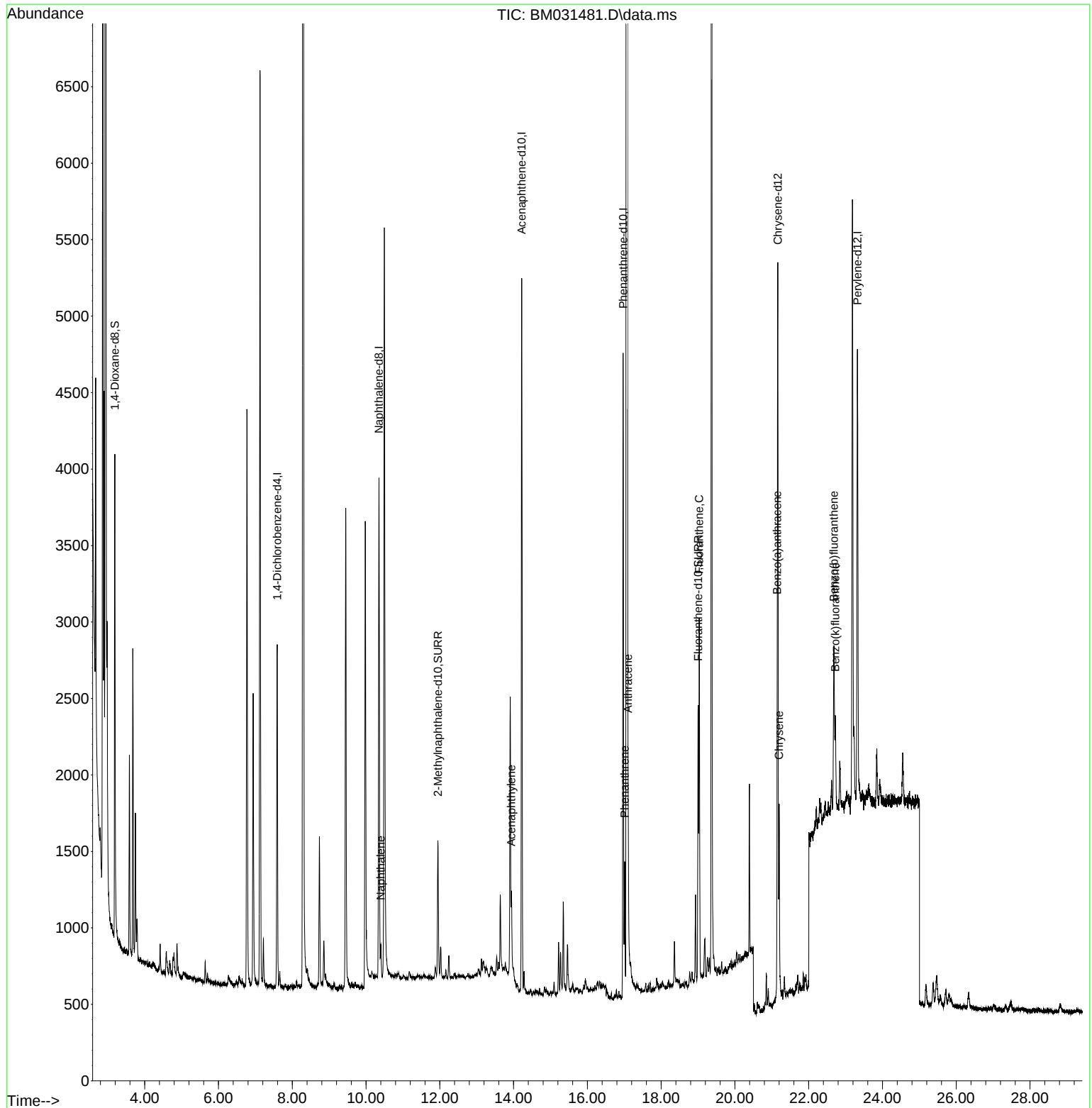
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	1104	0.400	ng/ul	0.00
4) Naphthalene-d8	10.351	136	4430	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.219	164	2634	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	5099	0.400	ng/ul	0.00
17) Chrysene-d12	21.163	240	3953	0.400	ng/ul	0.00
23) Perylene-d12	23.321	264	3734	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	1979	1.614	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.947	152	1271	0.170	ng/ul	0.00
18) Fluoranthene-d10	19.004	212	2053	0.156	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.400	128	283	0.021	ng/ul#	52
10) Acenaphthylene	13.940	152	639	0.057	ng/ul#	81
15) Phenanthrene	17.012	178	920	0.057	ng/ul#	87
16) Anthracene	17.103	178	657	0.043	ng/ul#	76
19) Fluoranthene	19.031	202	2168	0.128	ng/ul#	89
21) Benzo(a)anthracene	21.146	228	1641	0.103	ng/ul#	85
22) Chrysene	21.197	228	1097	0.066	ng/ul#	85
24) Benzo(b)fluoranthene	22.684	252	1367	0.081	ng/ul#	24
25) Benzo(k)fluoranthene	22.723	252	639	0.037	ng/ul#	17

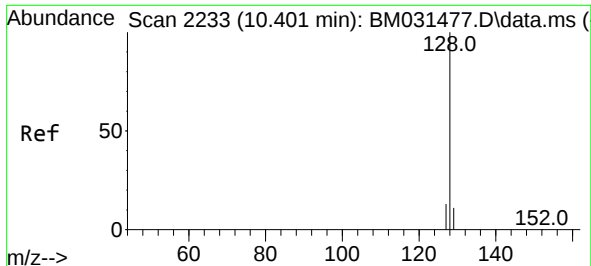
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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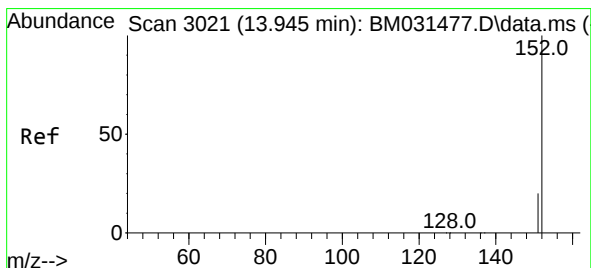
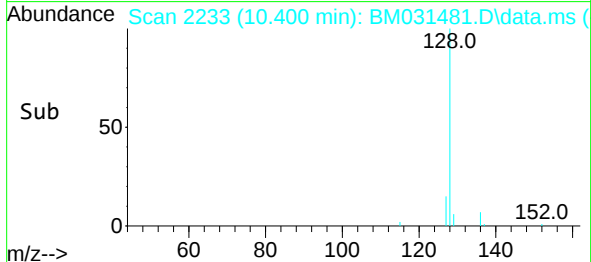
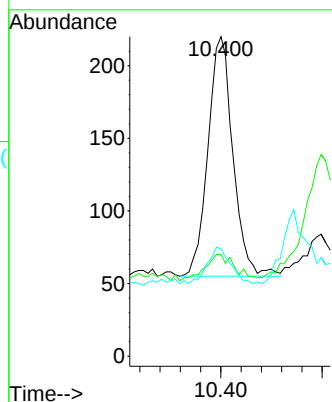
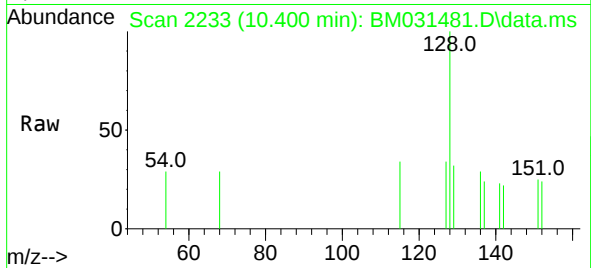




#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.400 min Scan# 2233
Delta R.T. -0.001 min
Lab File: BM031481.D
Acq: 05 Aug 2021 13:16

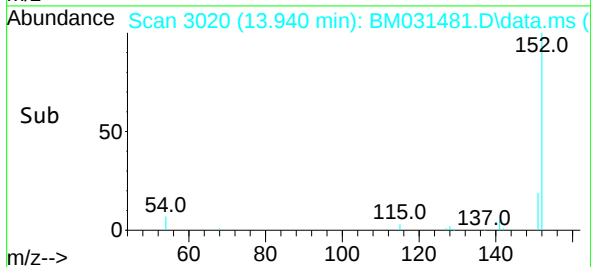
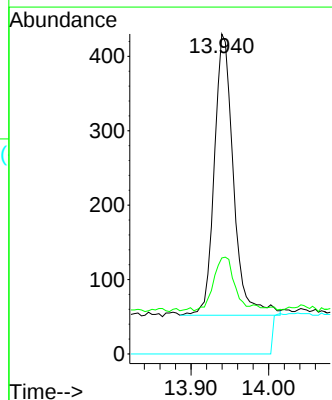
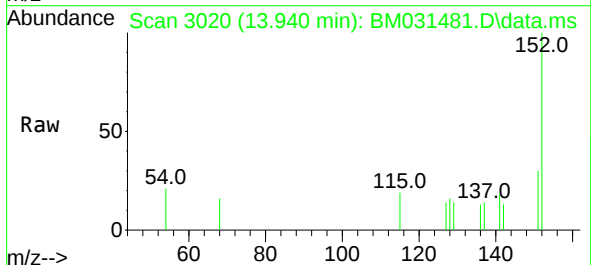
Instrument :
BNA_M
ClientSampled :
BGER0

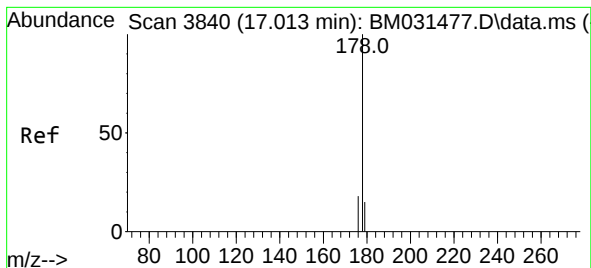
Tgt Ion:128 Resp: 283
Ion Ratio Lower Upper
128 100
129 31.8 10.0 15.0#
127 33.6 11.6 17.4#



#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 13.940 min Scan# 3020
Delta R.T. -0.006 min
Lab File: BM031481.D
Acq: 05 Aug 2021 13:16

Tgt Ion:152 Resp: 639
Ion Ratio Lower Upper
152 100
151 30.0 16.9 25.3#
153 0.0 0.0 0.0





#15

Phenanthrene

Concen: 0.057 ng/ul

RT: 17.012 min Scan# 3840

Delta R.T. -0.000 min

Lab File: BM031481.D

Acq: 05 Aug 2021 13:16

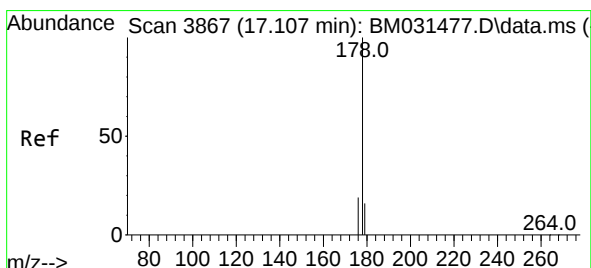
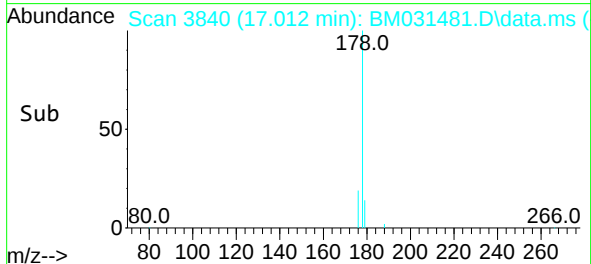
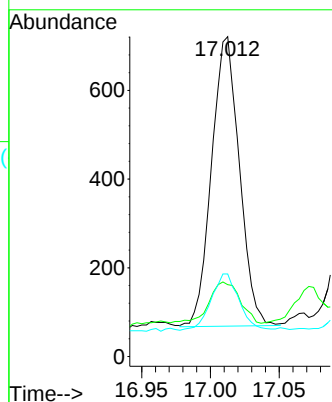
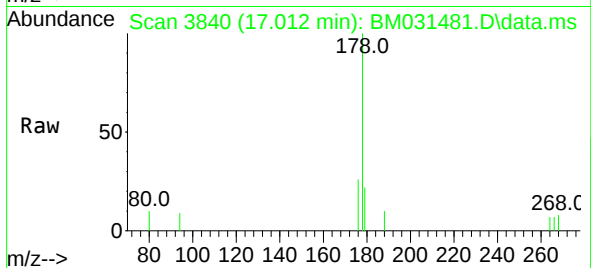
Instrument :

BNA_M

ClientSampleId :

BGER0

Tgt Ion:	178	Resp:	920
Ion	Ratio	Lower	Upper
178	100		
179	22.5	13.3	19.9#
176	25.8	16.2	24.4#



#16

Anthracene

Concen: 0.043 ng/ul

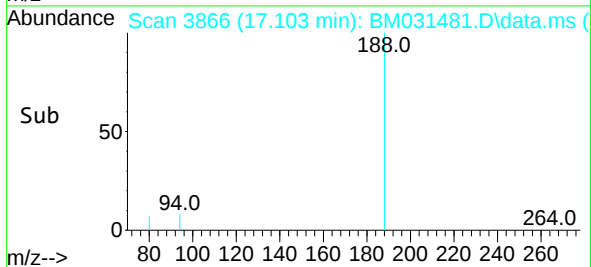
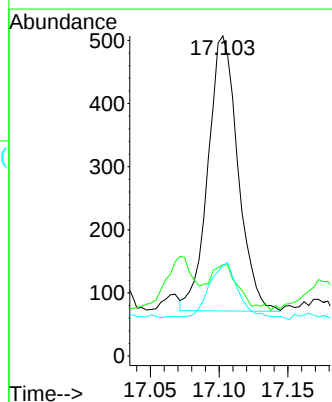
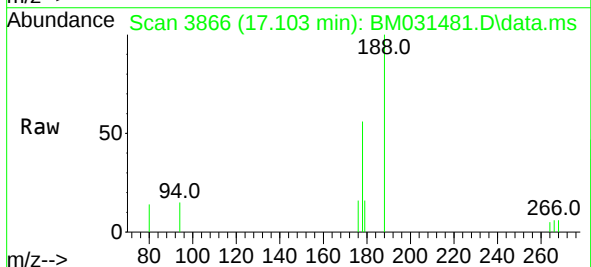
RT: 17.103 min Scan# 3866

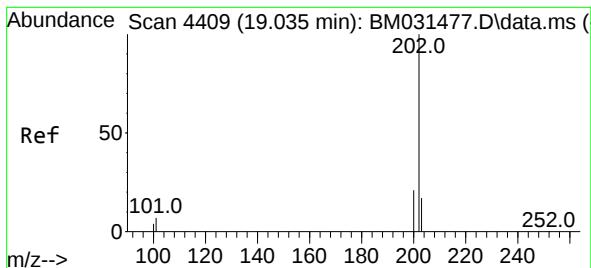
Delta R.T. -0.004 min

Lab File: BM031481.D

Acq: 05 Aug 2021 13:16

Tgt Ion:	178	Resp:	657
Ion	Ratio	Lower	Upper
178	100		
179	28.6	13.0	19.6#
176	28.4	15.6	23.4#





#19

Fluoranthene

Concen: 0.128 ng/ul

RT: 19.031 min Scan# 4408

Delta R.T. -0.004 min

Lab File: BM031481.D

Acq: 05 Aug 2021 13:16

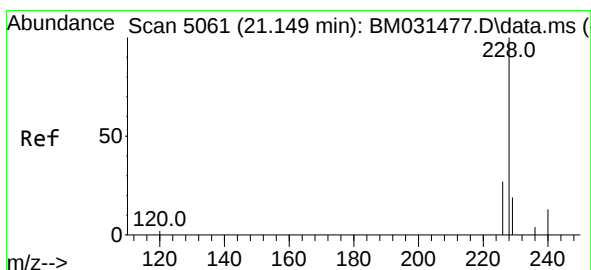
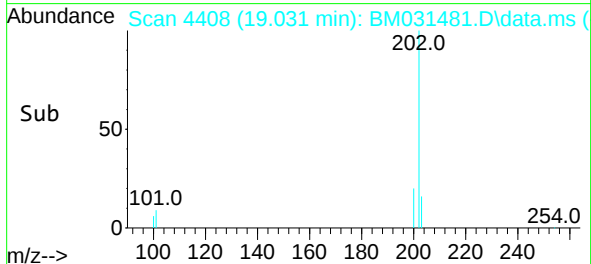
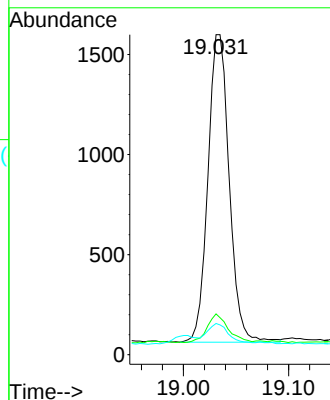
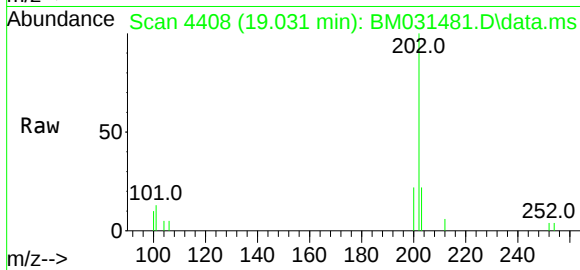
Tgt Ion:202 Resp: 2168

Ion Ratio Lower Upper

202 100

101 12.8 6.6 10.0#

100 9.8 5.4 8.0#



#21

Benzo(a)anthracene

Concen: 0.103 ng/ul

RT: 21.146 min Scan# 5060

Delta R.T. -0.003 min

Lab File: BM031481.D

Acq: 05 Aug 2021 13:16

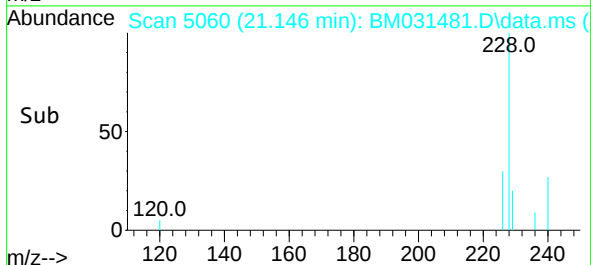
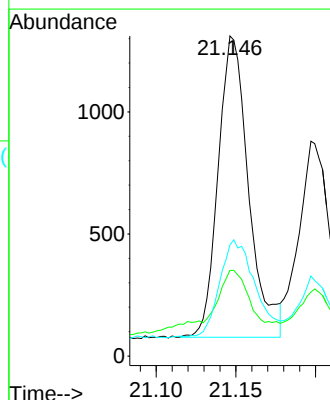
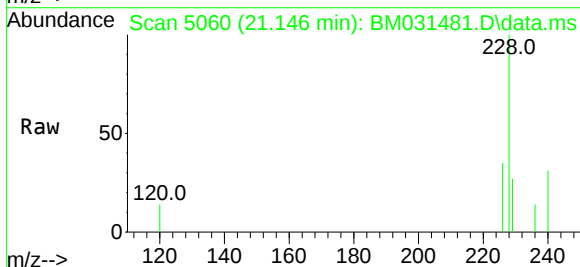
Tgt Ion:228 Resp: 1641

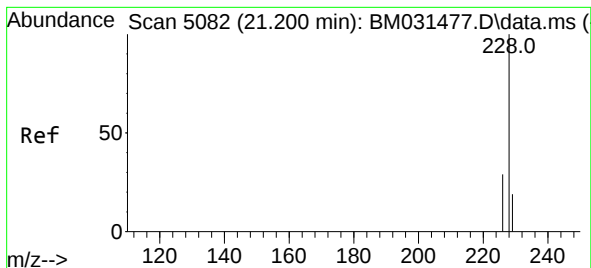
Ion Ratio Lower Upper

228 100

229 26.8 15.6 23.4#

226 34.7 21.7 32.5#





#22

Chrysene

Concen: 0.066 ng/ul

RT: 21.197 min Scan# 5081

Delta R.T. -0.003 min

Lab File: BM031481.D

Acq: 05 Aug 2021 13:16

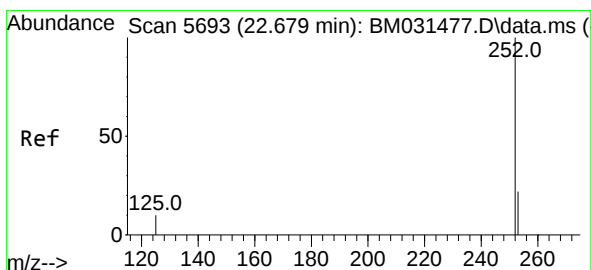
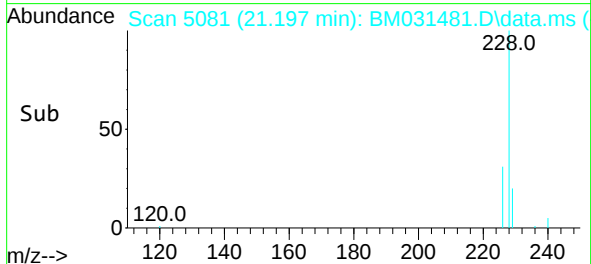
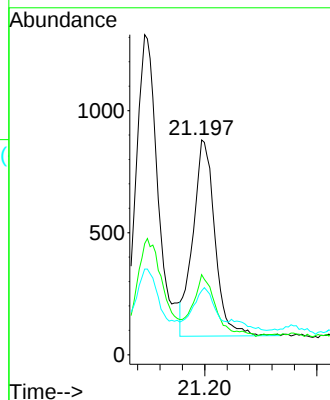
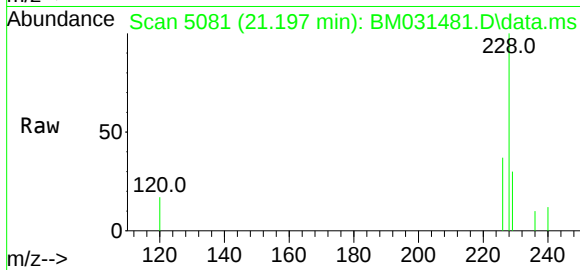
Tgt Ion:228 Resp: 1097

Ion Ratio Lower Upper

228 100

226 37.3 24.7 37.1#

229 29.8 16.2 24.2#



#24

Benzo(b)fluoranthene

Concen: 0.081 ng/ul

RT: 22.684 min Scan# 5695

Delta R.T. 0.004 min

Lab File: BM031481.D

Acq: 05 Aug 2021 13:16

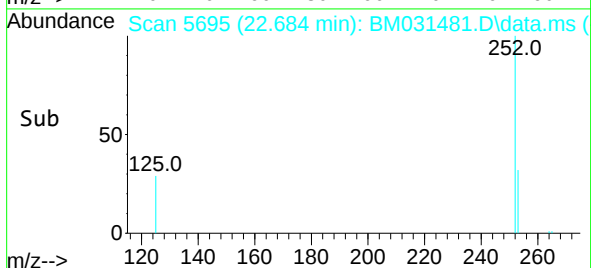
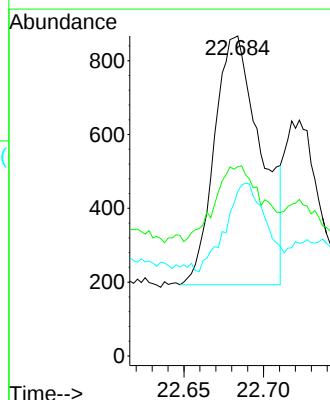
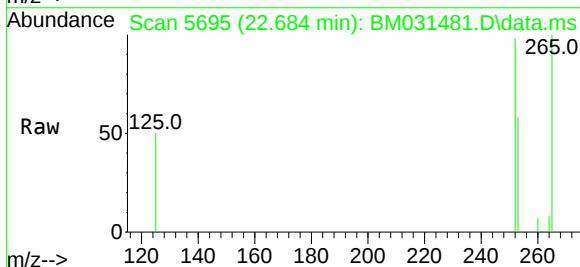
Tgt Ion:252 Resp: 1367

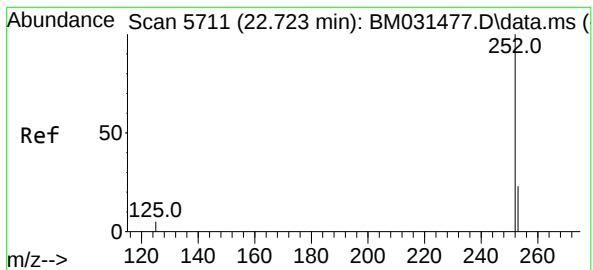
Ion Ratio Lower Upper

252 100

253 59.2 0.0 53.0#

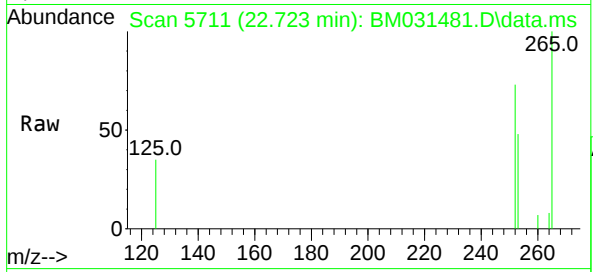
125 51.4 0.0 22.8#





#25
 Benzo(k)fluoranthene
 Concen: 0.037 ng/ul
 RT: 22.723 min Scan# 5711
 Delta R.T. -0.000 min
 Lab File: BM031481.D
 Acq: 05 Aug 2021 13:16

Instrument :
 BNA_M
 ClientSampleId :
 BGER0



Tgt Ion:	252	Resp:	639
Ion Ratio	Lower	Upper	
252	100		
253	66.4	21.3	31.9#
125	47.7	8.8	13.2#

