

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091223\
 Data File : BM041813.D
 Acq On : 12 Sep 2023 15:35
 Operator : MA/JU
 Sample : 04235-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 03:10:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 04:50:34 2023
 Response via : Initial Calibration

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

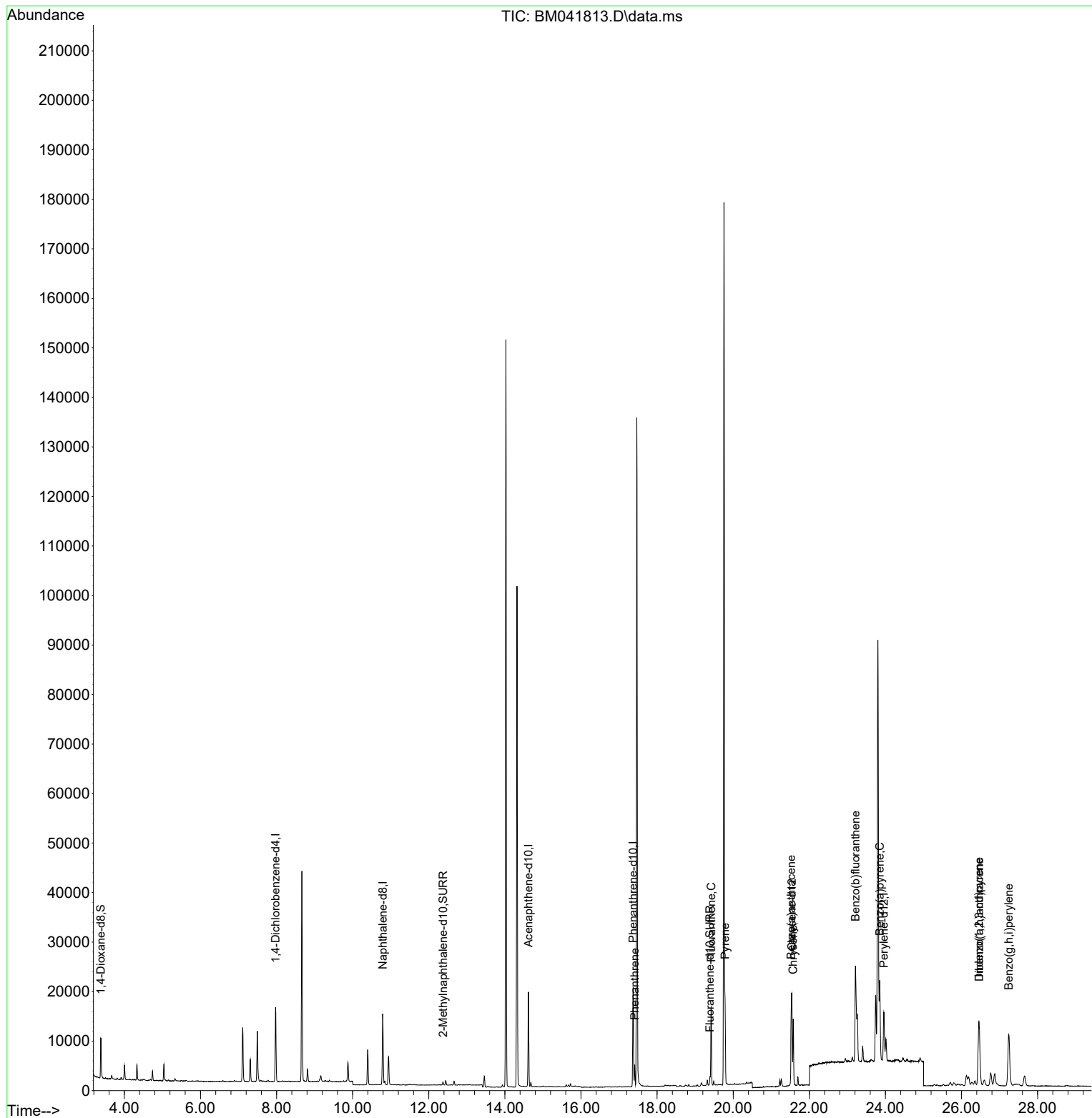
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	7335	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	18352	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.620	164	9709	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	20964	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	12387	0.400	ng/ul	# 0.00
23) Perylene-d12	23.959	264	13137	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	4874	0.435	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	760	0.032	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	1505	0.025	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.413	178	4488	0.051	ng/ul	96
19) Fluoranthene	19.422	202	13359	0.091	ng/ul	99
20) Pyrene	19.789	202	13287	0.092	ng/ul	99
21) Benzo(a)anthracene	21.524	228	12000	0.119	ng/ul	99
22) Chrysene	21.577	228	13283	0.122	ng/ul	98
24) Benzo(b)fluoranthene	23.213	252	33022	0.281	ng/ul	99
26) Benzo(a)pyrene	23.851	252	22645	0.237	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.458	276	23235	0.177	ng/ul	92
28) Dibenzo(a,h)anthracene	26.468	278	5453	0.059	ng/ul#	84
29) Benzo(g,h,i)perylene	27.239	276	23061	0.199	ng/ul	99

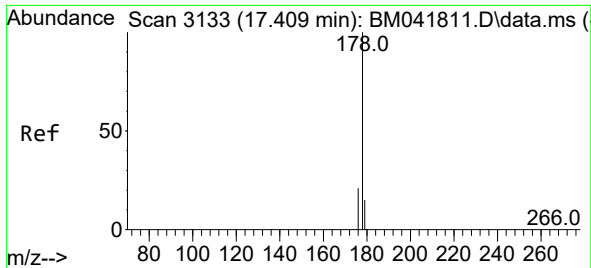
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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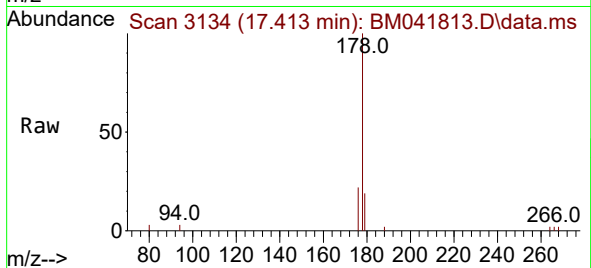
Quant Time: Sep 13 03:10:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 04:50:34 2023
Response via : Initial Calibration



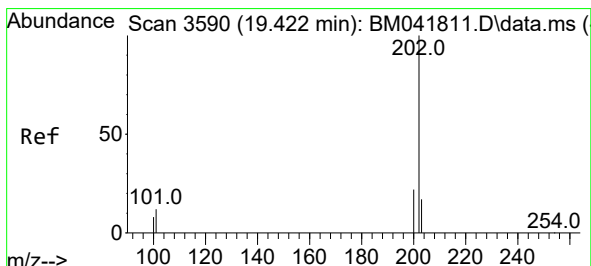
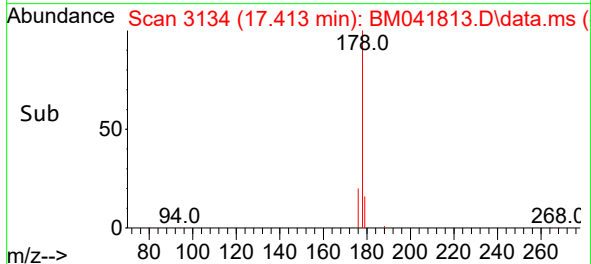
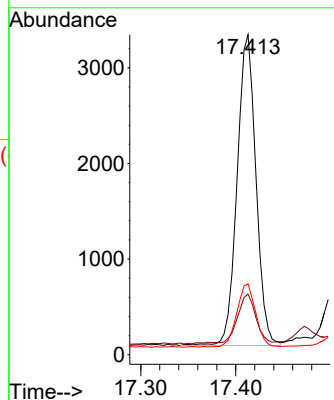


#15
Phenanthrene
Concen: 0.051 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BM041813.D
Acq: 12 Sep 2023 15:35

Instrument :
BNA_P
ClientSampleId :

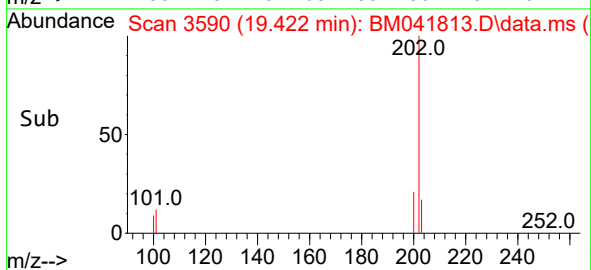
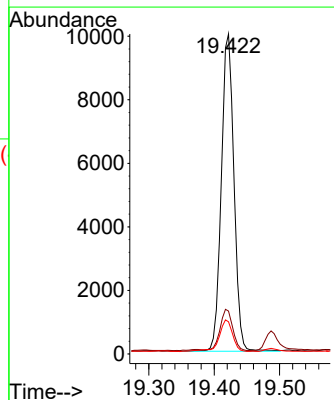
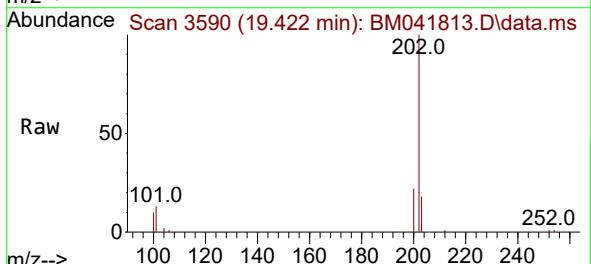


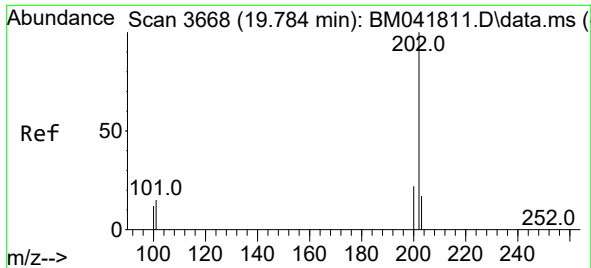
Tgt Ion:178 Resp: 4488
Ion Ratio Lower Upper
178 100
179 18.9 12.9 19.3
176 22.1 16.9 25.3



#19
Fluoranthene
Concen: 0.091 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BM041813.D
Acq: 12 Sep 2023 15:35

Tgt Ion:202 Resp: 13359
Ion Ratio Lower Upper
202 100
101 13.4 10.5 15.7
100 10.0 8.4 12.6

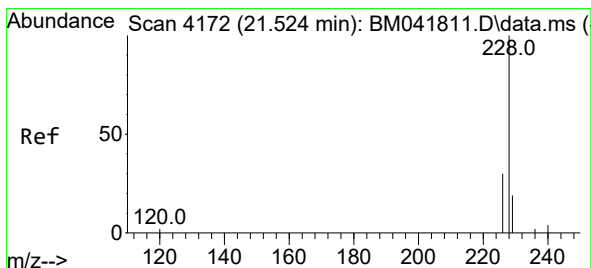
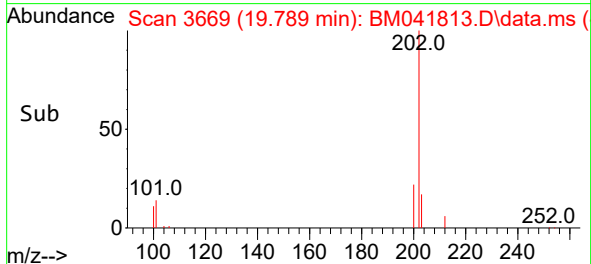
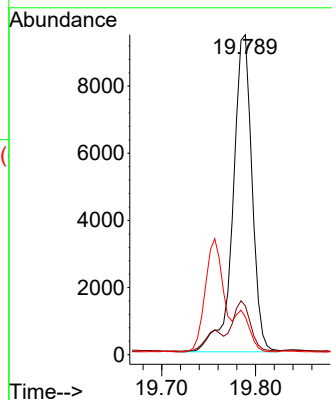
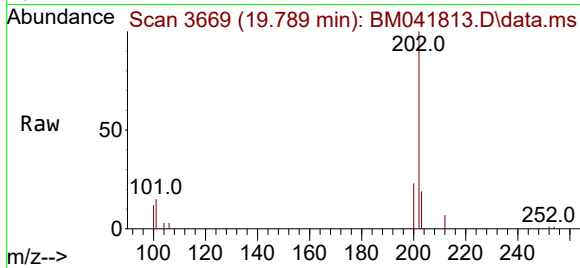




#20
Pyrene
Concen: 0.092 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. -0.000 min
Lab File: BM041813.D
Acq: 12 Sep 2023 15:35

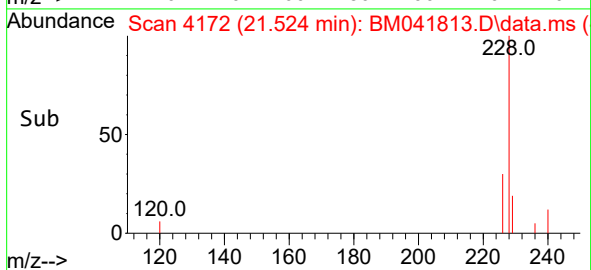
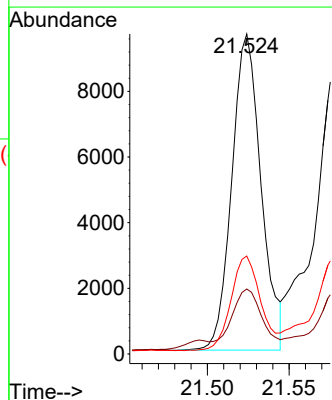
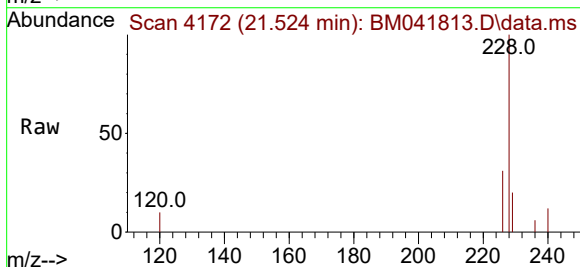
Instrument :
BNA_P
ClientSampleId :

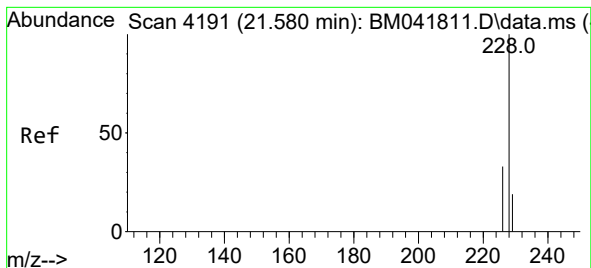
Tgt Ion:202 Resp: 13287
Ion Ratio Lower Upper
202 100
101 15.3 11.8 17.8
100 11.8 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.119 ng/ul
RT: 21.524 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM041813.D
Acq: 12 Sep 2023 15:35

Tgt Ion:228 Resp: 12000
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 30.6 24.8 37.2





#22

Chrysene

Concen: 0.122 ng/ul

RT: 21.577 min Scan# 41

Delta R.T. -0.003 min

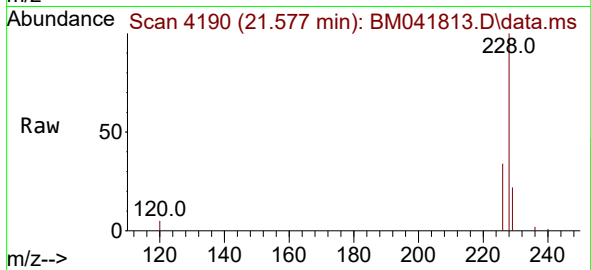
Lab File: BM041813.D

Acq: 12 Sep 2023 15:35

Instrument :

BNA_P

ClientSampleId :



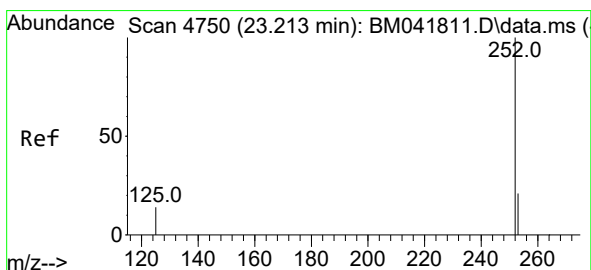
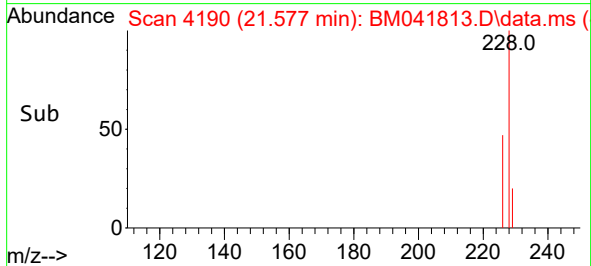
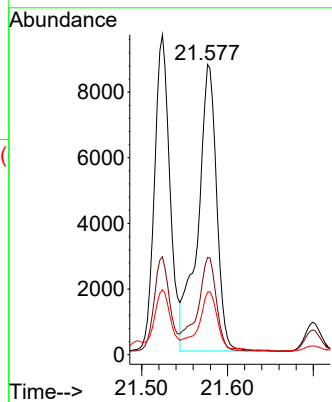
Tgt Ion:228 Resp: 13283

Ion Ratio Lower Upper

228 100

226 33.5 27.0 40.6

229 21.5 15.4 23.2



#24

Benzo(b)fluoranthene

Concen: 0.281 ng/ul

RT: 23.213 min Scan# 4750

Delta R.T. -0.003 min

Lab File: BM041813.D

Acq: 12 Sep 2023 15:35

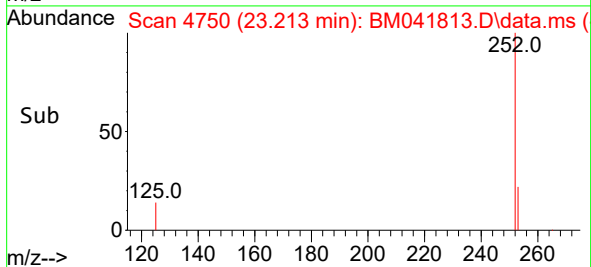
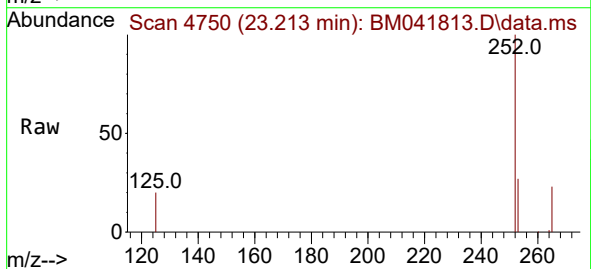
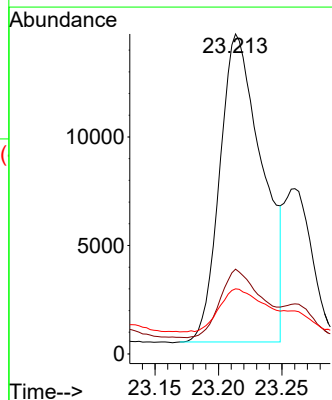
Tgt Ion:252 Resp: 33022

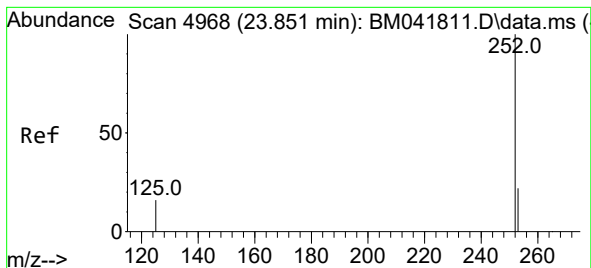
Ion Ratio Lower Upper

252 100

253 26.5 0.0 52.4

125 20.4 0.0 42.8





#26

Benzo(a)pyrene

Concen: 0.237 ng/ul

RT: 23.851 min Scan# 4968

Delta R.T. -0.003 min

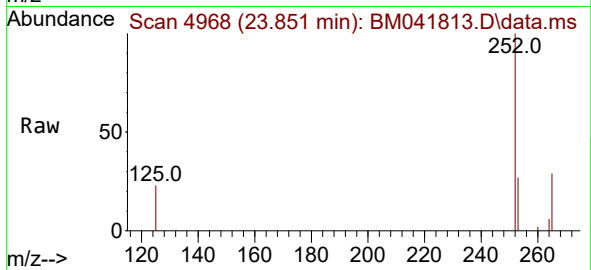
Lab File: BM041813.D

Acq: 12 Sep 2023 15:35

Instrument :

BNA_P

ClientSampleId :



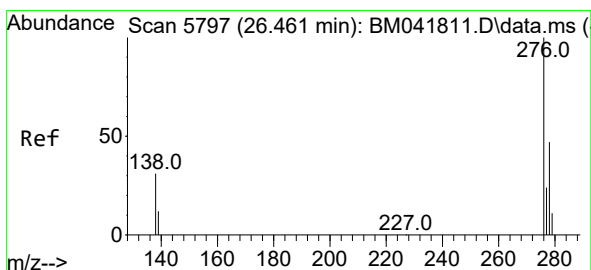
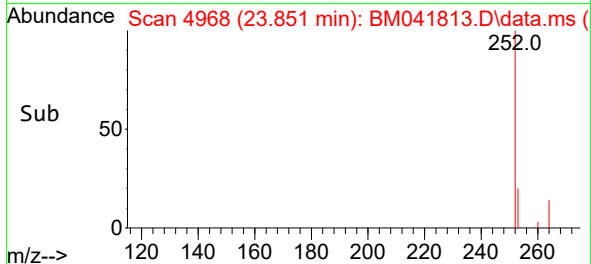
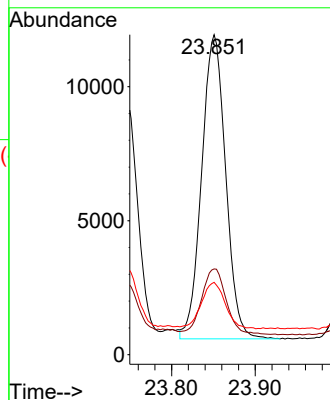
Tgt Ion:252 Resp: 22645

Ion Ratio Lower Upper

252 100

253 26.8 22.4 33.6

125 22.6 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.177 ng/ul

RT: 26.458 min Scan# 5796

Delta R.T. -0.010 min

Lab File: BM041813.D

Acq: 12 Sep 2023 15:35

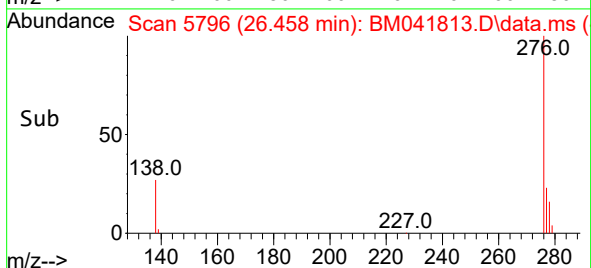
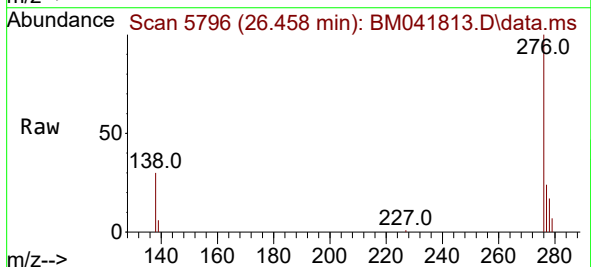
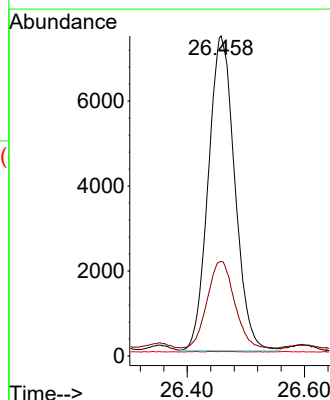
Tgt Ion:276 Resp: 23235

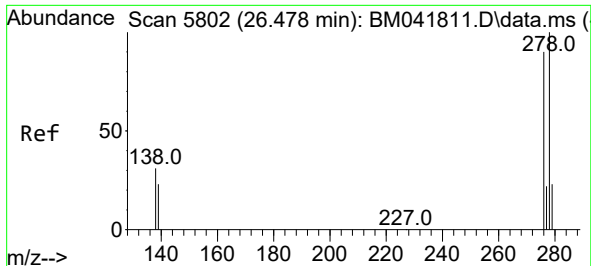
Ion Ratio Lower Upper

276 100

138 28.5 26.4 39.6

227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.059 ng/ul

RT: 26.468 min Scan# 51

Delta R.T. -0.017 min

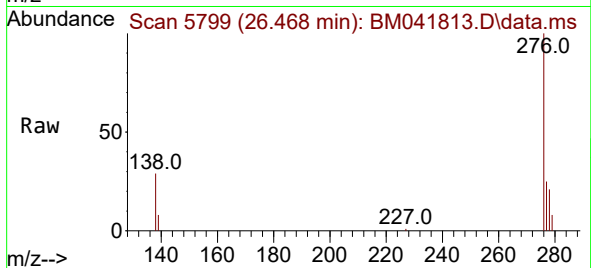
Lab File: BM041813.D

Acq: 12 Sep 2023 15:35

Instrument :

BNA_P

ClientSampleId :



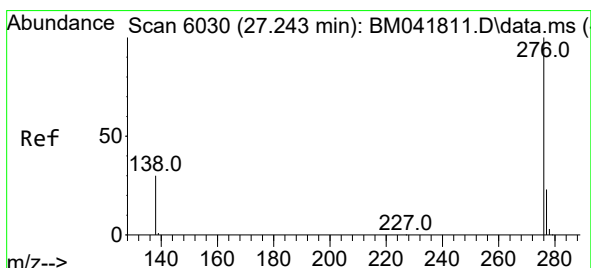
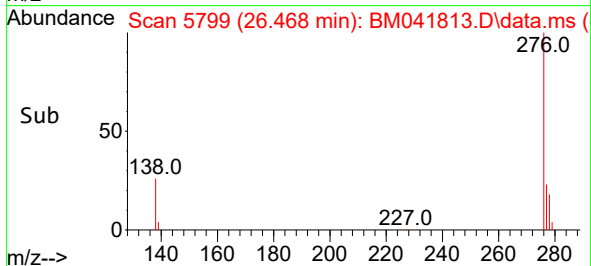
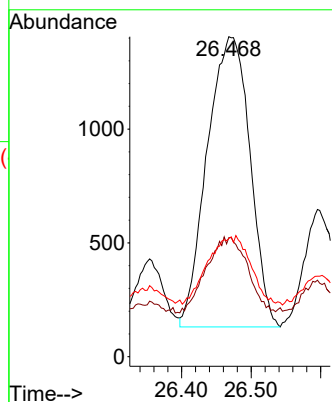
Tgt Ion:278 Resp: 5453

Ion Ratio Lower Upper

278 100

139 37.2 23.0 34.6#

279 37.0 22.9 34.3#



#29

Benzo(g,h,i)perylene

Concen: 0.199 ng/ul

RT: 27.239 min Scan# 6029

Delta R.T. -0.007 min

Lab File: BM041813.D

Acq: 12 Sep 2023 15:35

Tgt Ion:276 Resp: 23061

Ion Ratio Lower Upper

276 100

138 31.1 25.0 37.4

277 24.3 20.2 30.2

