

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041525.D
 Acq On : 28 Aug 2023 17:12
 Operator : MA/JU
 Sample : 04168-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A48N8

Quant Time: Aug 28 19:16:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 15:20:06 2023
 Response via : Initial Calibration

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

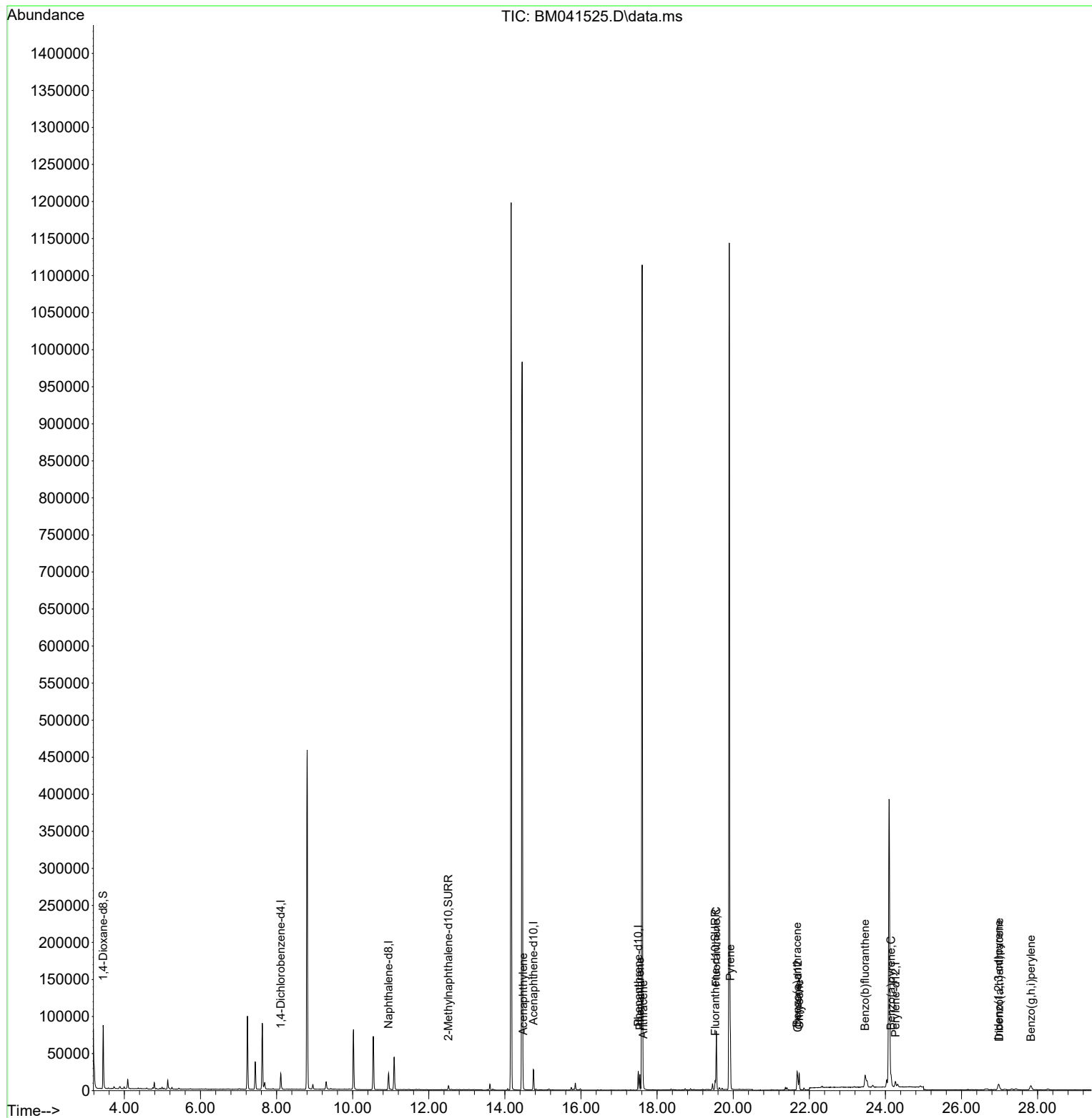
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	10377	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	28797	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	14145	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	26504	0.400	ng/ul	0.00
17) Chrysene-d12	21.696	240	9706	0.400	ng/ul	0.00
23) Perylene-d12	24.263	264	10336	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.444	96	50747	3.933	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	6887	0.181	ng/ul	0.00
18) Fluoranthene-d10	19.529	212	10035	0.253	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.481	152	2720	0.029	ng/ul#	90
15) Phenanthrene	17.548	178	21654	0.199	ng/ul	99
16) Anthracene	17.641	178	4795	0.048	ng/ul#	96
19) Fluoranthene	19.557	202	63786	0.709	ng/ul	99
20) Pyrene	19.924	202	62880	0.691	ng/ul	97
21) Benzo(a)anthracene	21.679	228	20251	0.293	ng/ul	97
22) Chrysene	21.734	228	22525	0.329	ng/ul	97
24) Benzo(b)fluoranthene	23.465	252	29039	0.442	ng/ul	94
26) Benzo(a)pyrene	24.146	252	19668	0.331	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.971	276	14502	0.182	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.994	278	3063	0.053	ng/ul#	58
29) Benzo(g,h,i)perylene	27.823	276	13498	0.202	ng/ul	96

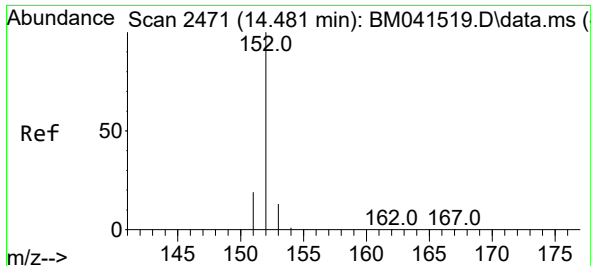
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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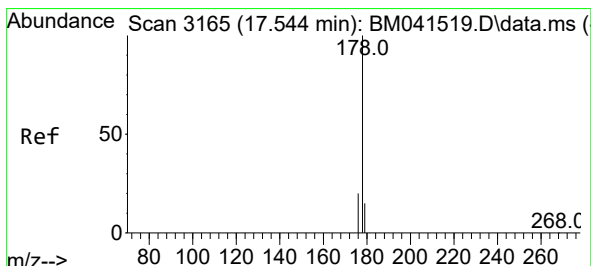
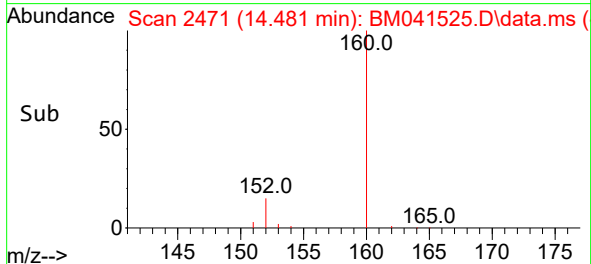
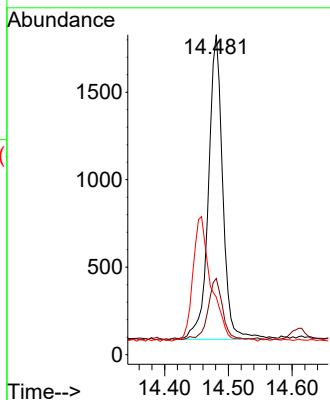
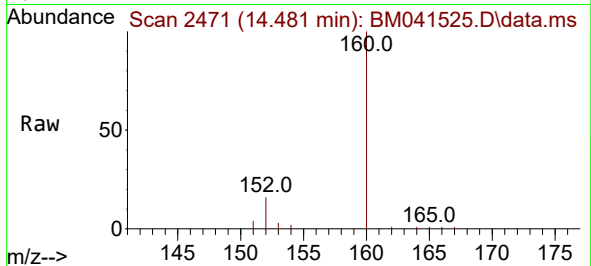




#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BM041525.D
Acq: 28 Aug 2023 17:12

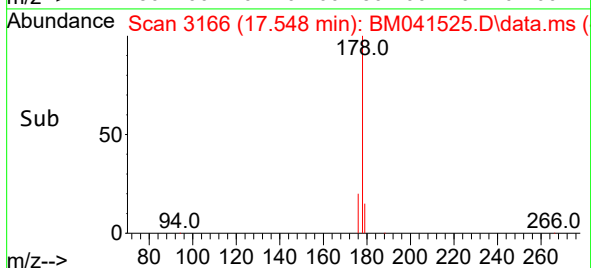
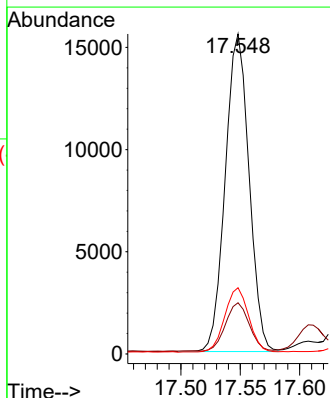
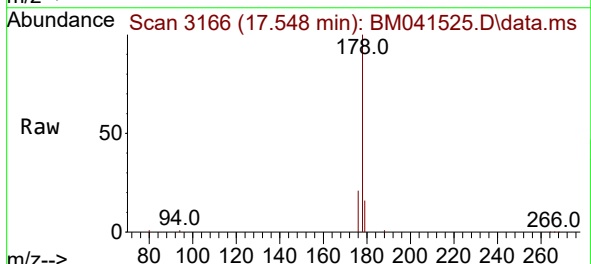
Instrument :
BNA_M
ClientSampleId :
A48N8

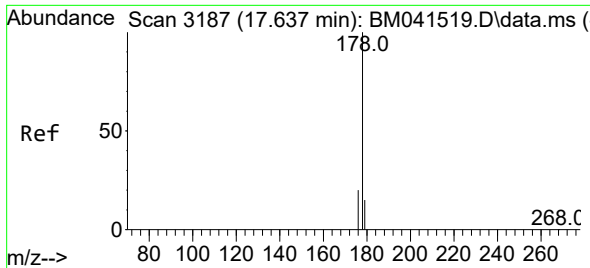
Tgt Ion:152 Resp: 2720
Ion Ratio Lower Upper
152 100
151 23.8 15.7 23.5#
153 18.0 10.5 15.7#



#15
Phenanthrene
Concen: 0.199 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.004 min
Lab File: BM041525.D
Acq: 28 Aug 2023 17:12

Tgt Ion:178 Resp: 21654
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 20.7 16.3 24.5

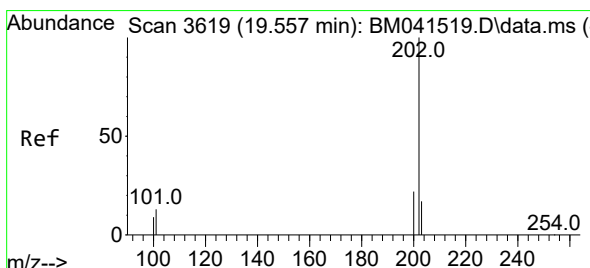
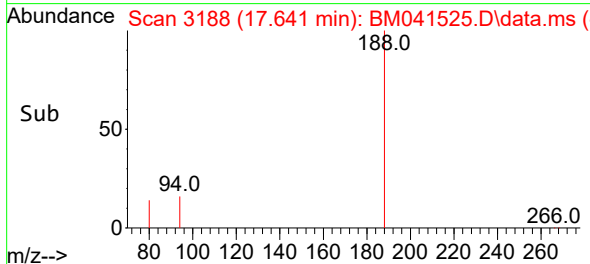
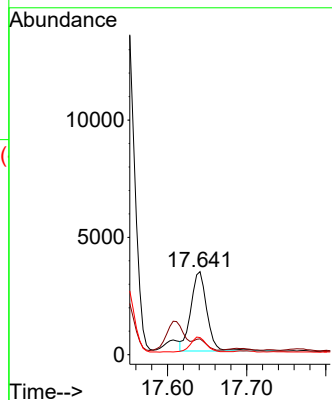
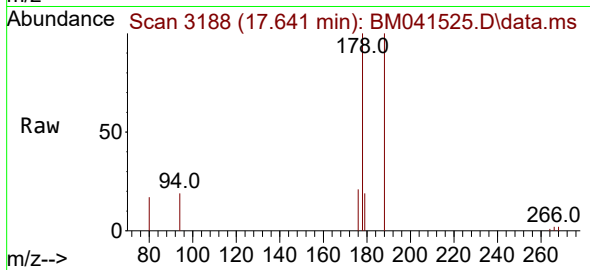




#16
 Anthracene
 Concen: 0.048 ng/ul
 RT: 17.641 min Scan# 3188
 Delta R.T. 0.004 min
 Lab File: BM041525.D
 Acq: 28 Aug 2023 17:12

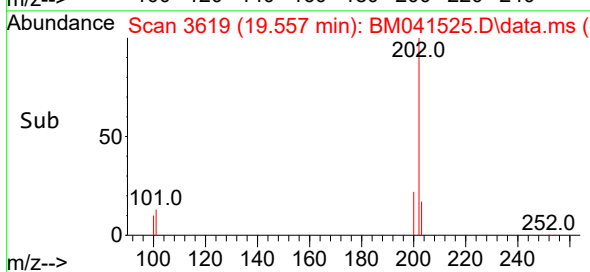
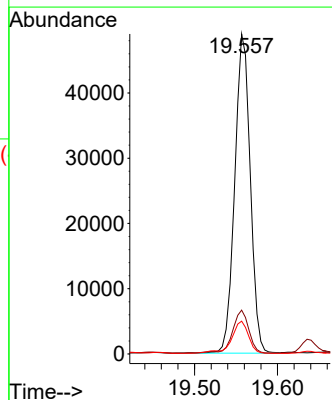
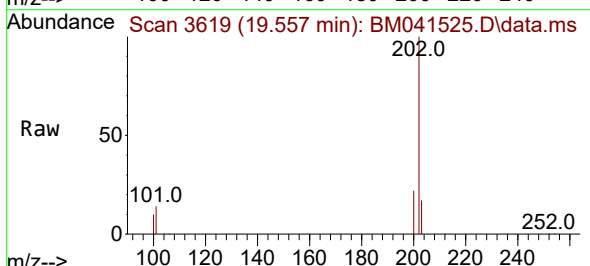
Instrument :
 BNA_M
 ClientSampleId :
 A48N8

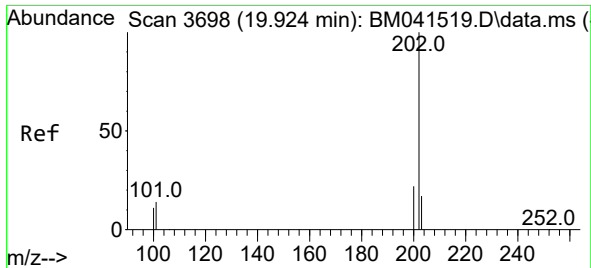
Tgt Ion:178 Resp: 4795
 Ion Ratio Lower Upper
 178 100
 179 19.1 12.6 19.0#
 176 20.6 15.9 23.9



#19
 Fluoranthene
 Concen: 0.709 ng/ul
 RT: 19.557 min Scan# 3619
 Delta R.T. -0.000 min
 Lab File: BM041525.D
 Acq: 28 Aug 2023 17:12

Tgt Ion:202 Resp: 63786
 Ion Ratio Lower Upper
 202 100
 101 13.7 10.5 15.7
 100 10.2 7.8 11.6

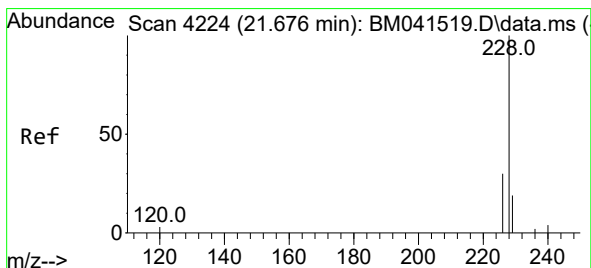
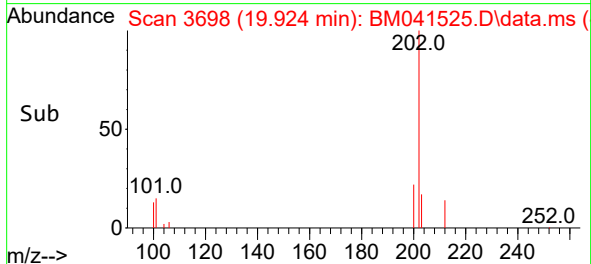
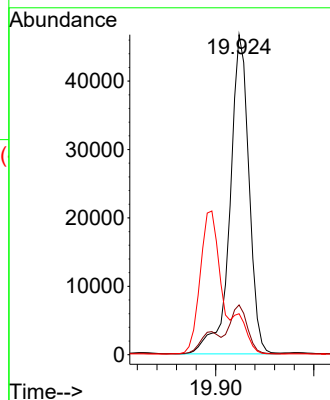
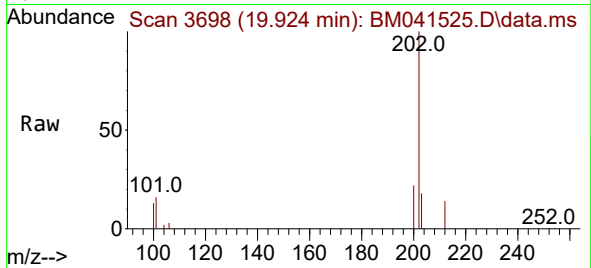




#20
Pyrene
Concen: 0.691 ng/ul
RT: 19.924 min Scan# 3698
Delta R.T. -0.000 min
Lab File: BM041525.D
Acq: 28 Aug 2023 17:12

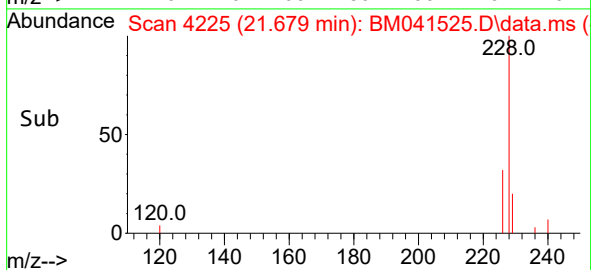
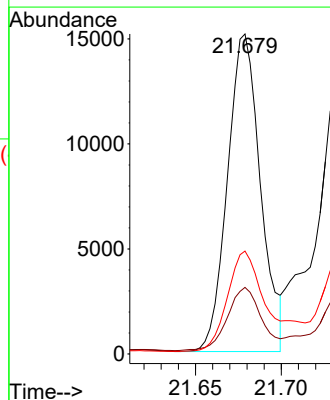
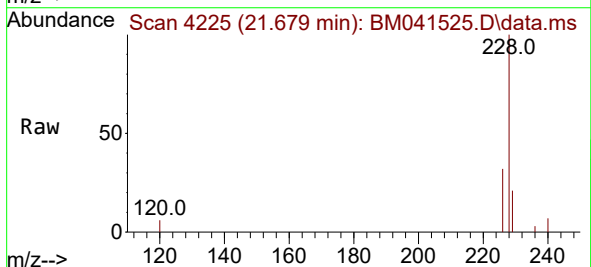
Instrument :
BNA_M
ClientSampleId :
A48N8

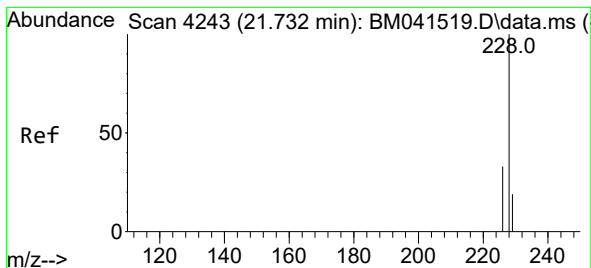
Tgt Ion:202 Resp: 62880
Ion Ratio Lower Upper
202 100
101 15.6 11.6 17.4
100 12.8 9.1 13.7



#21
Benzo(a)anthracene
Concen: 0.293 ng/ul
RT: 21.679 min Scan# 4225
Delta R.T. 0.003 min
Lab File: BM041525.D
Acq: 28 Aug 2023 17:12

Tgt Ion:228 Resp: 20251
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 32.2 24.0 36.0





#22

Chrysene

Concen: 0.329 ng/ul

RT: 21.734 min Scan# 4243

Delta R.T. 0.003 min

Lab File: BM041525.D

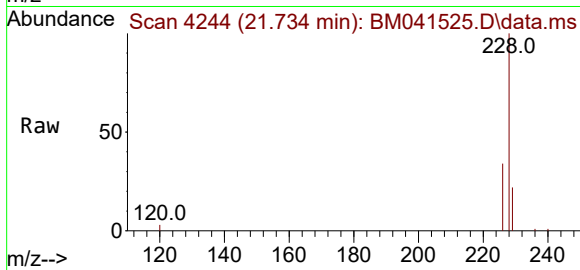
Acq: 28 Aug 2023 17:12

Instrument :

BNA_M

ClientSampleId :

A48N8



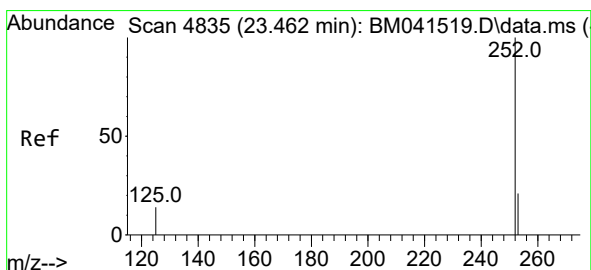
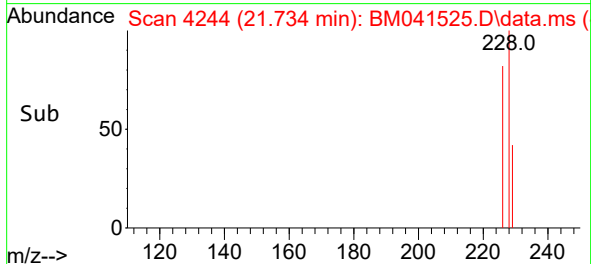
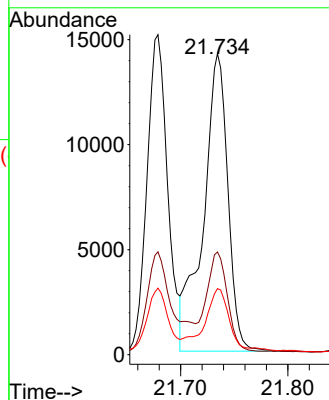
Tgt Ion:228 Resp: 22525

Ion Ratio Lower Upper

228 100

226 34.1 26.3 39.5

229 21.9 15.4 23.2



#24

Benzo(b)fluoranthene

Concen: 0.442 ng/ul

RT: 23.465 min Scan# 4836

Delta R.T. 0.003 min

Lab File: BM041525.D

Acq: 28 Aug 2023 17:12

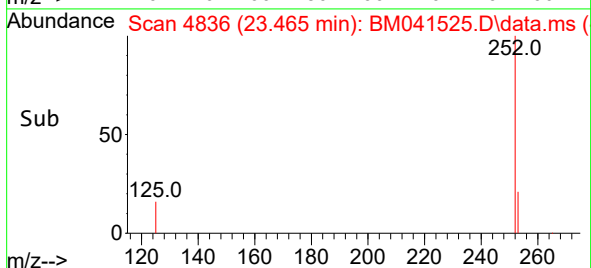
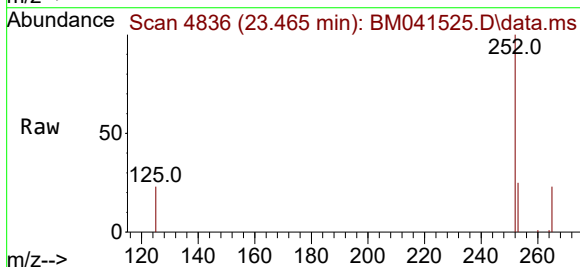
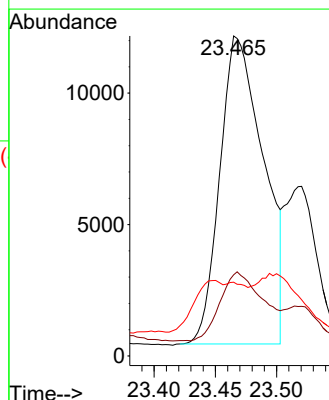
Tgt Ion:252 Resp: 29039

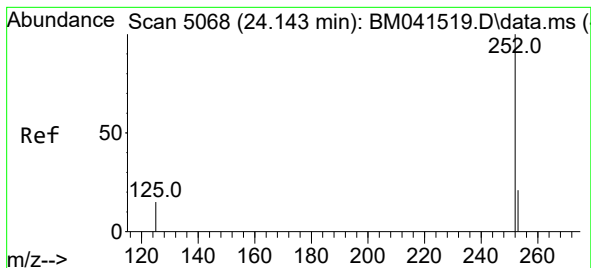
Ion Ratio Lower Upper

252 100

253 25.3 0.0 47.0

125 23.0 0.0 37.2





#26

Benzo(a)pyrene

Concen: 0.331 ng/ul

RT: 24.146 min Scan# 5068

Delta R.T. 0.003 min

Lab File: BM041525.D

Acq: 28 Aug 2023 17:12

Instrument :

BNA_M

ClientSampleId :

A48N8

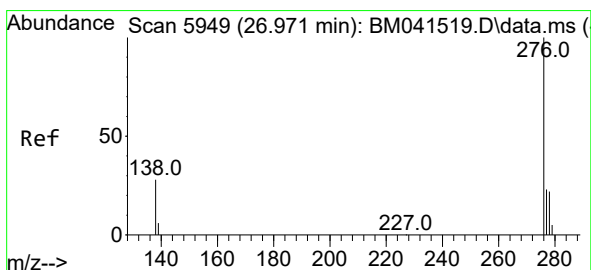
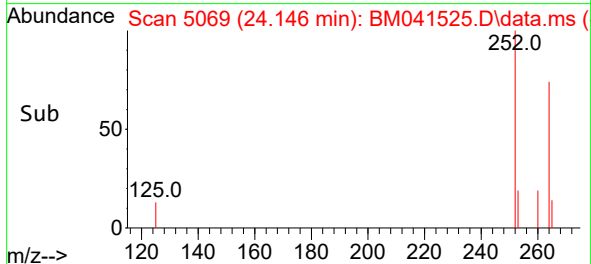
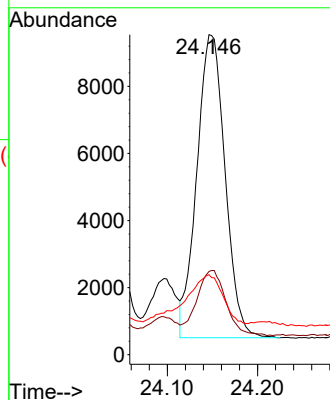
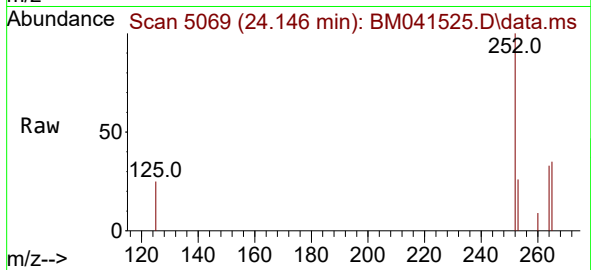
Tgt Ion:252 Resp: 19668

Ion Ratio Lower Upper

252 100

253 26.0 20.0 30.0

125 25.0 17.1 25.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.182 ng/ul

RT: 26.971 min Scan# 5949

Delta R.T. -0.000 min

Lab File: BM041525.D

Acq: 28 Aug 2023 17:12

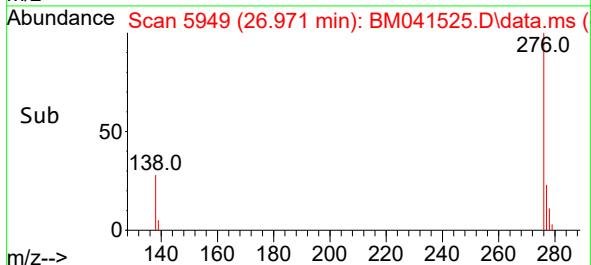
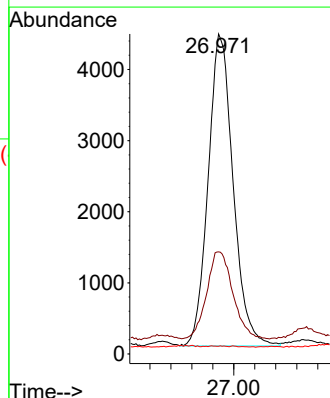
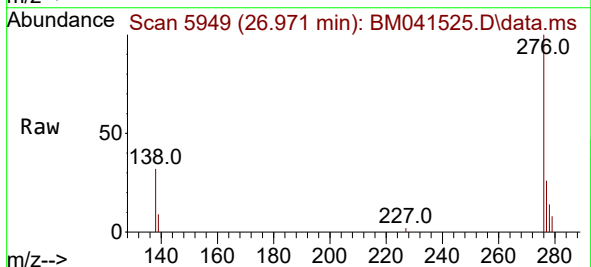
Tgt Ion:276 Resp: 14502

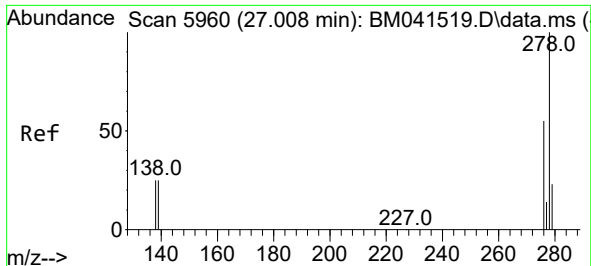
Ion Ratio Lower Upper

276 100

138 29.2 27.3 40.9

227 0.1 0.0 0.0#

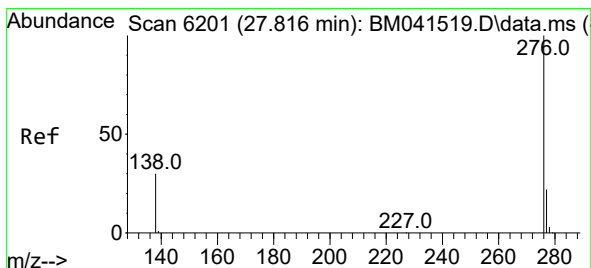
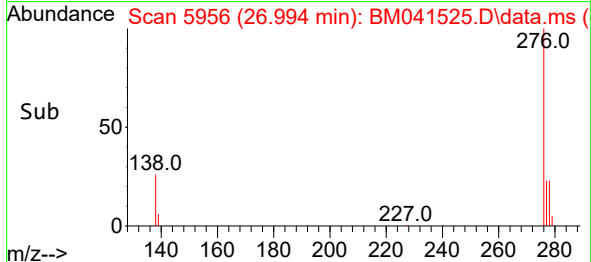
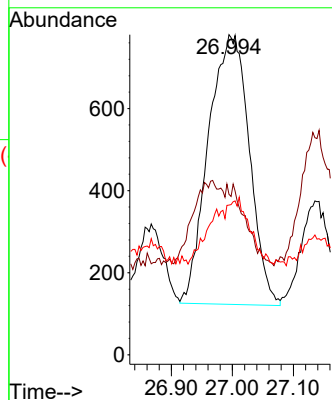
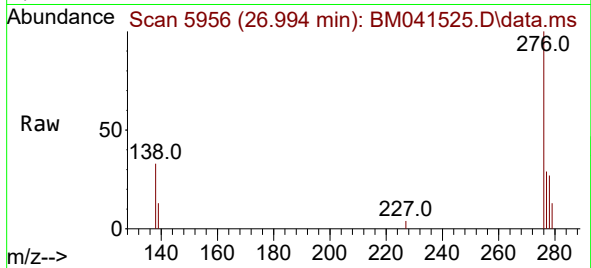




#28
Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 26.994 min Scan# 5956
Delta R.T. -0.014 min
Lab File: BM041525.D
Acq: 28 Aug 2023 17:12

Instrument :
BNA_M
ClientSampleId :
A48N8

Tgt Ion:278 Resp: 3063
Ion Ratio Lower Upper
278 100
139 50.1 22.2 33.2#
279 46.8 20.4 30.6#



#29
Benzo(g,h,i)perylene
Concen: 0.202 ng/ul
RT: 27.823 min Scan# 6203
Delta R.T. 0.007 min
Lab File: BM041525.D
Acq: 28 Aug 2023 17:12

Tgt Ion:276 Resp: 13498
Ion Ratio Lower Upper
276 100
138 34.0 25.9 38.9
277 26.6 19.1 28.7

