

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041517.D
 Acq On : 28 Aug 2023 11:36
 Operator : MA/JU
 Sample : SST0.112
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1001

Quant Time: Aug 28 13:33:02 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 13:32:21 2023
 Response via : Initial Calibration

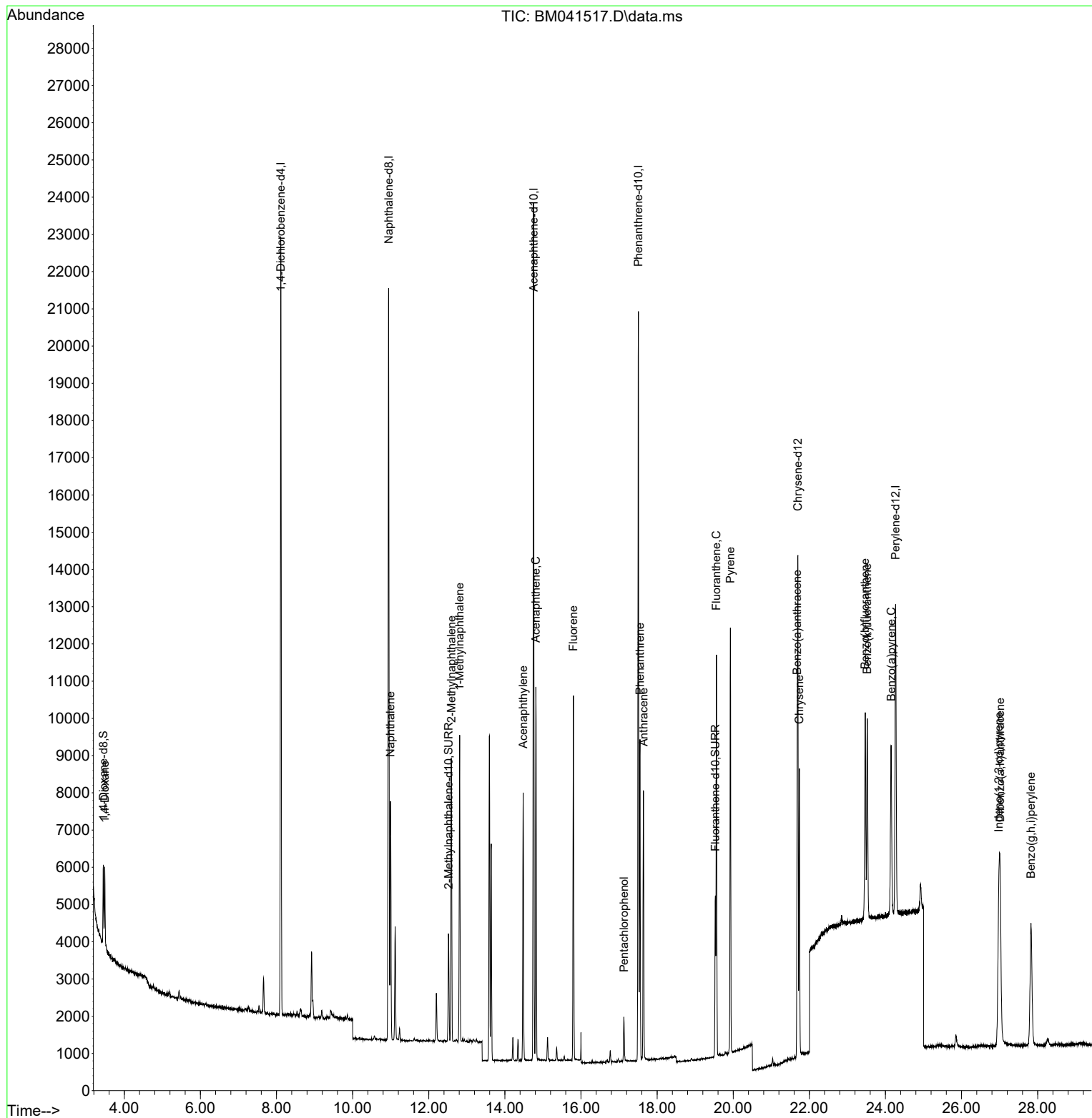
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	10308	0.400	ng/ul	0.00
4) Naphthalene-d8	10.946	136	26339	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.755	164	11853	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.507	188	21203	0.400	ng/ul	0.00
17) Chrysene-d12	21.698	240	9639	0.400	ng/ul	0.00
23) Perylene-d12	24.267	264	11901	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	1351	0.104	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.518	152	3572	0.103	ng/ul	0.00
18) Fluoranthene-d10	19.530	212	3926	0.092	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.486	88	1455	0.108	ng/ul#	73
5) Naphthalene	10.995	128	8665	0.110	ng/ul#	96
7) 2-Methylnaphthalene	12.595	142	5251	0.111	ng/ul	100
8) 1-Methylnaphthalene	12.810	142	5290	0.110	ng/ul	100
10) Acenaphthylene	14.482	152	7934	0.111	ng/ul	97
11) Acenaphthene	14.815	153	5574	0.113	ng/ul	99
12) Fluorene	15.800	166	5991	0.108	ng/ul	99
14) Pentachlorophenol	17.127	266	785	0.196	ng/ul	99
15) Phenanthrene	17.549	178	8769	0.113	ng/ul	98
16) Anthracene	17.642	178	7827	0.111	ng/ul	97
19) Fluoranthene	19.558	202	8588	0.097	ng/ul	97
20) Pyrene	19.925	202	8915	0.100	ng/ul	97
21) Benzo(a)anthracene	21.680	228	6919	0.110	ng/ul	98
22) Chrysene	21.739	228	6767	0.100	ng/ul	97
24) Benzo(b)fluoranthene	23.466	252	7614	0.093	ng/ul	78
25) Benzo(k)fluoranthene	23.522	252	7323	0.090	ng/ul#	78
26) Benzo(a)pyrene	24.150	252	6865	0.103	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.979	276	9303	0.111	ng/ul#	97
28) Dibenzo(a,h)anthracene	27.013	278	6610	0.103	ng/ul#	83
29) Benzo(g,h,i)perylene	27.825	276	7755	0.105	ng/ul#	89

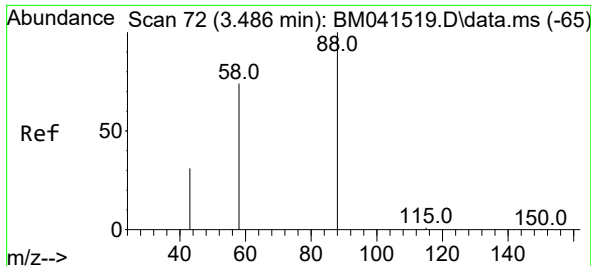
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
Data File : BM041517.D
Acq On : 28 Aug 2023 11:36
Operator : MA/JU
Sample : SST0.112
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

Quant Time: Aug 28 13:33:02 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 13:32:21 2023
Response via : Initial Calibration

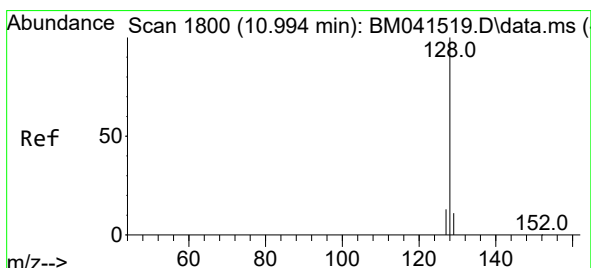
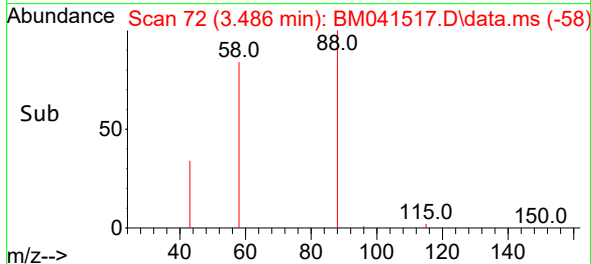
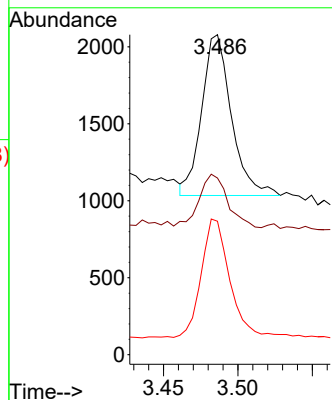
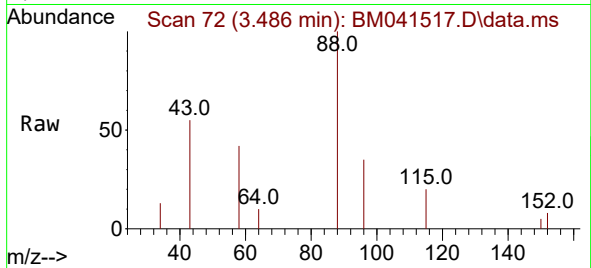




#2
1,4-Dioxane
Concen: 0.108 ng/ul
RT: 3.486 min Scan# 72
Delta R.T. 0.000 min
Lab File: BM041517.D
Acq: 28 Aug 2023 11:36

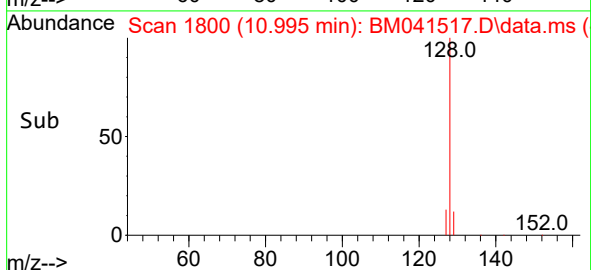
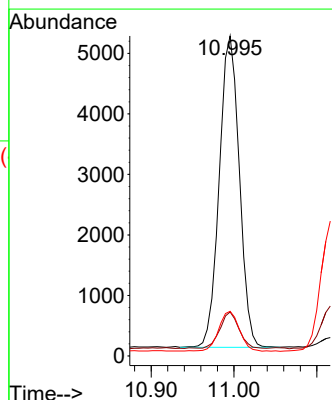
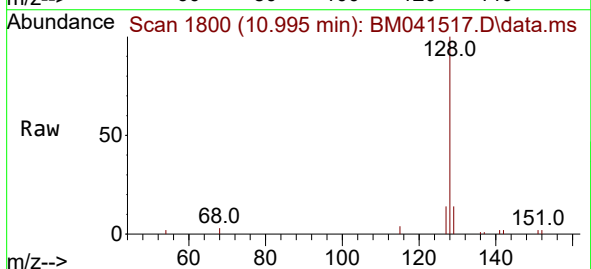
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

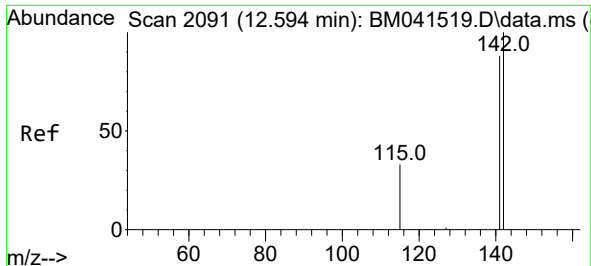
Tgt Ion: 88 Resp: 1455
Ion Ratio Lower Upper
88 100
43 55.2 30.6 46.0#
58 41.7 49.3 73.9#



#5
Naphthalene
Concen: 0.110 ng/ul
RT: 10.995 min Scan# 1800
Delta R.T. 0.002 min
Lab File: BM041517.D
Acq: 28 Aug 2023 11:36

Tgt Ion: 128 Resp: 8665
Ion Ratio Lower Upper
128 100
129 13.8 8.9 13.3#
127 14.0 10.6 15.8

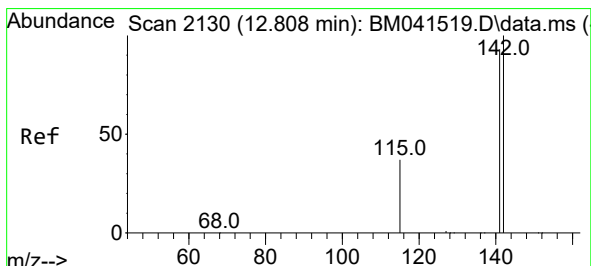
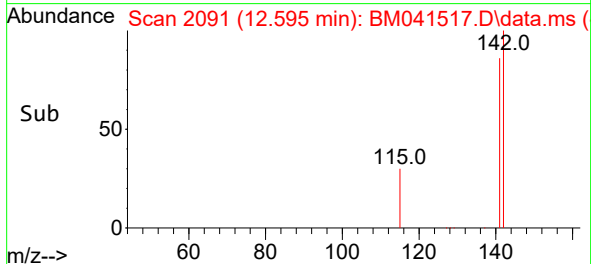
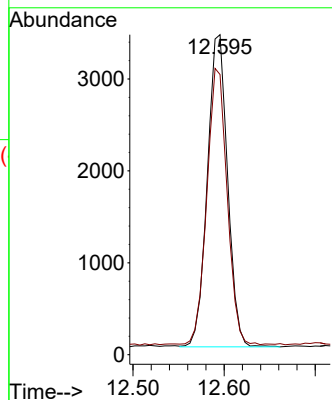
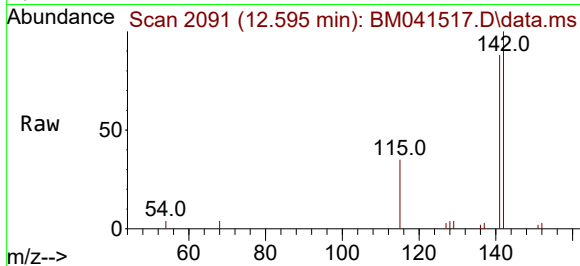




#7
2-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 12.595 min Scan# 2091
Delta R.T. 0.002 min
Lab File: BM041517.D
Acq: 28 Aug 2023 11:36

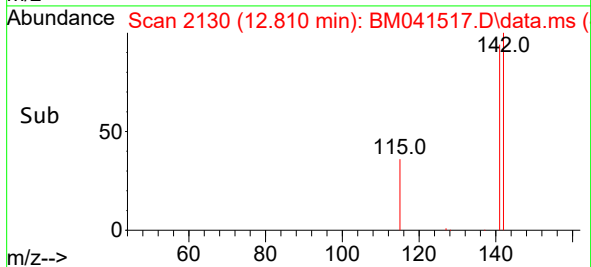
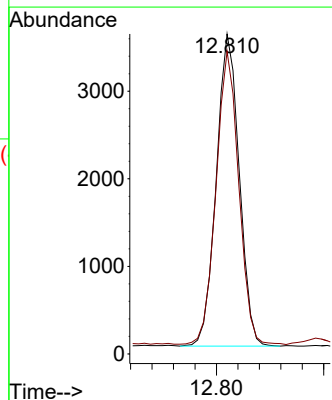
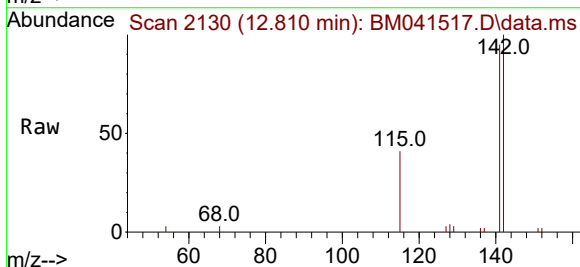
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

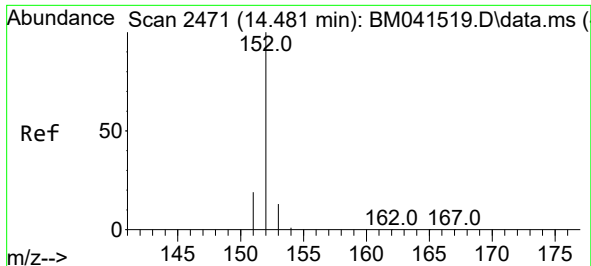
Tgt Ion:142 Resp: 5251
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.6



#8
1-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.810 min Scan# 2130
Delta R.T. 0.002 min
Lab File: BM041517.D
Acq: 28 Aug 2023 11:36

Tgt Ion:142 Resp: 5290
Ion Ratio Lower Upper
142 100
141 92.8 73.9 110.9

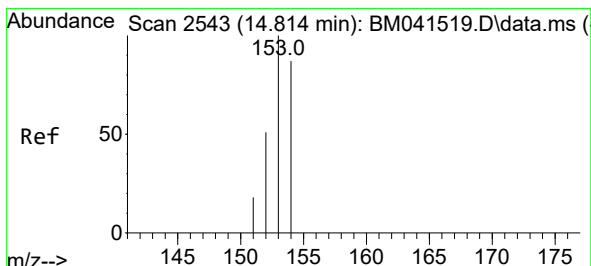
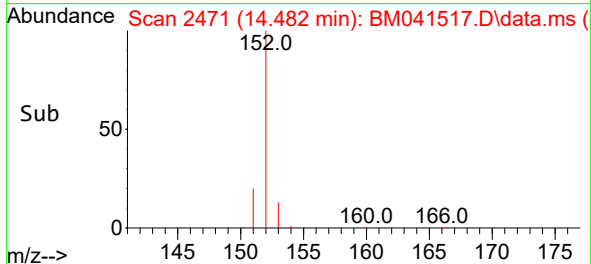
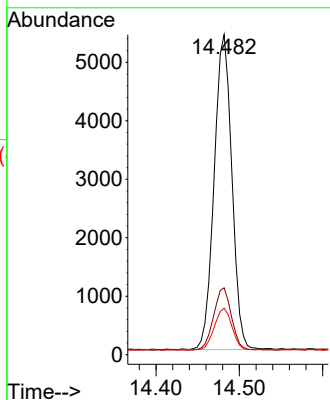
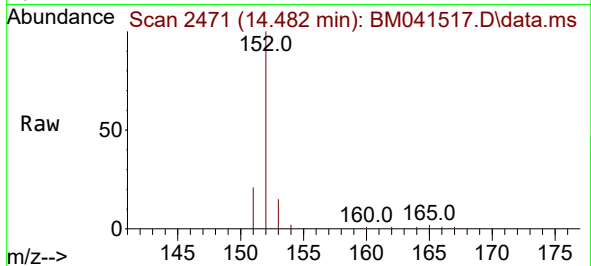




#10
Acenaphthylene
Concen: 0.111 ng/ul
RT: 14.482 min Scan# 2471
Delta R.T. 0.001 min
Lab File: BM041517.D
Acq: 28 Aug 2023 11:36

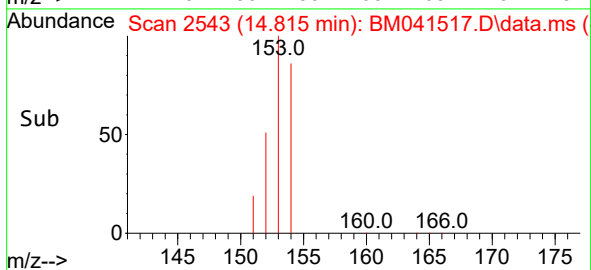
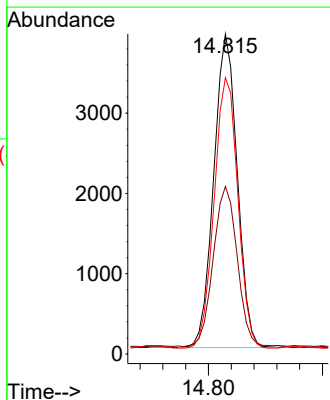
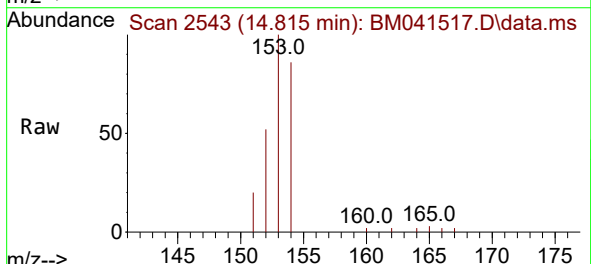
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

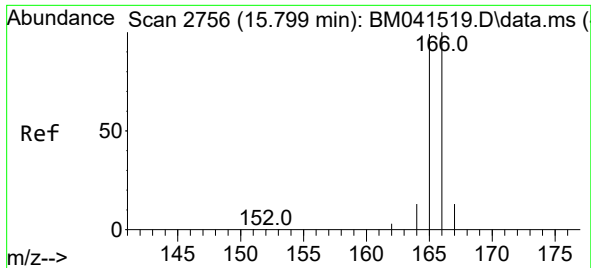
Tgt Ion:152 Resp: 7934
Ion Ratio Lower Upper
152 100
151 20.9 15.7 23.5
153 14.5 10.5 15.7



#11
Acenaphthene
Concen: 0.113 ng/ul
RT: 14.815 min Scan# 2543
Delta R.T. 0.001 min
Lab File: BM041517.D
Acq: 28 Aug 2023 11:36

Tgt Ion:153 Resp: 5574
Ion Ratio Lower Upper
153 100
152 52.3 41.1 61.7
154 86.4 69.4 104.0

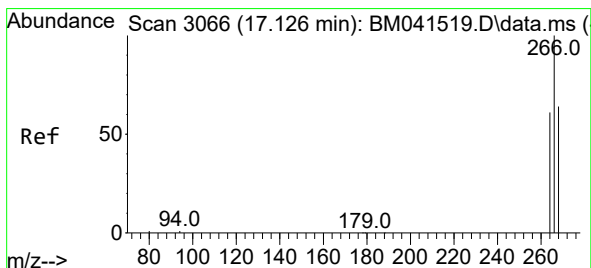
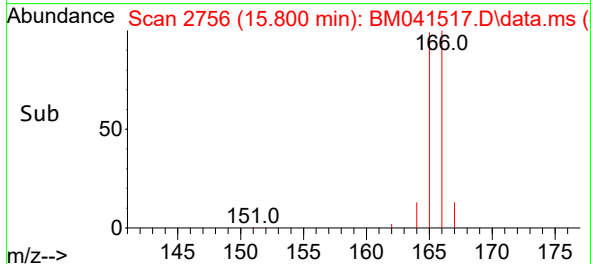
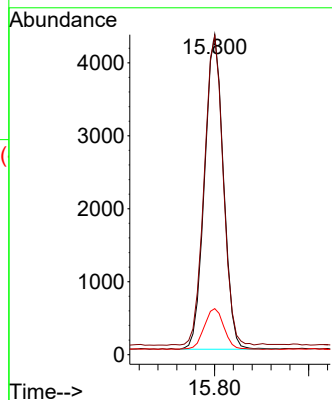
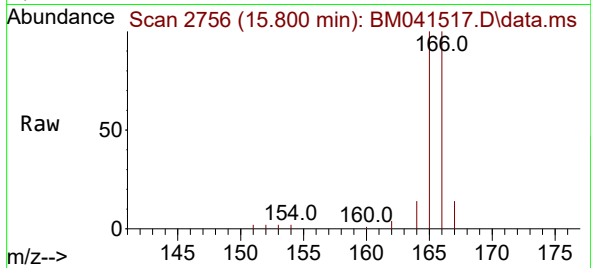




#12
 Fluorene
 Concen: 0.108 ng/ul
 RT: 15.800 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BM041517.D
 Acq: 28 Aug 2023 11:36

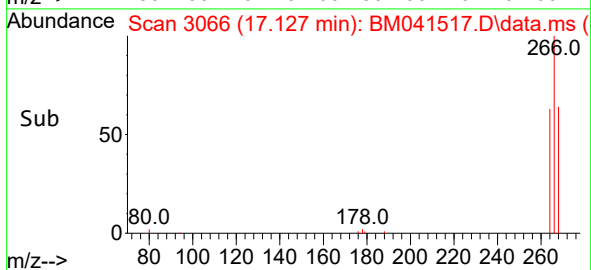
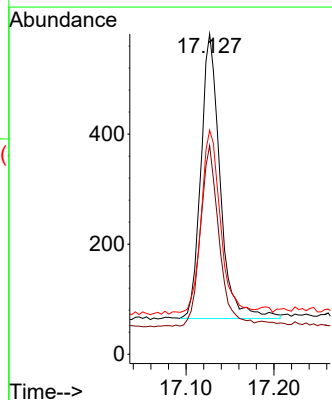
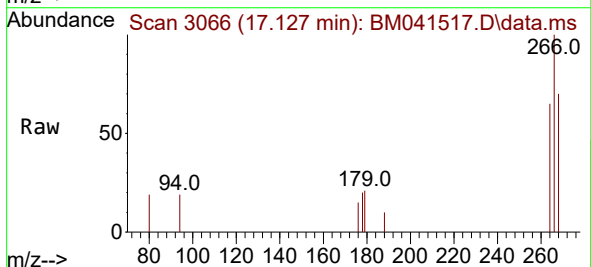
Instrument :
 BNA_M
 ClientSampleId :
 SST00.1001

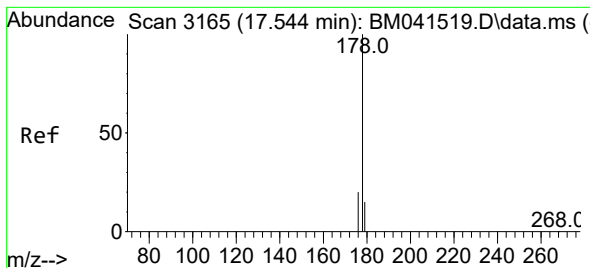
Tgt Ion:166 Resp: 5991
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.2 118.8
 167 14.4 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.196 ng/ul
 RT: 17.127 min Scan# 3066
 Delta R.T. 0.001 min
 Lab File: BM041517.D
 Acq: 28 Aug 2023 11:36

Tgt Ion:266 Resp: 785
 Ion Ratio Lower Upper
 266 100
 264 63.2 50.0 75.0
 268 65.6 51.4 77.0





#15

Phenanthrene

Concen: 0.113 ng/ul

RT: 17.549 min Scan# 3166

Delta R.T. 0.005 min

Lab File: BM041517.D

Acq: 28 Aug 2023 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001

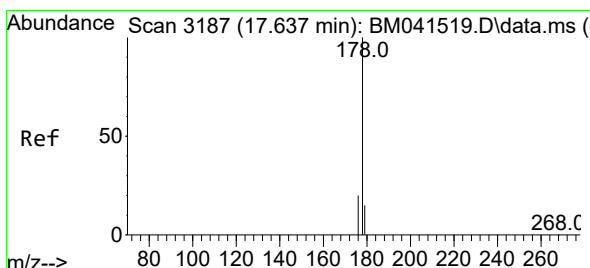
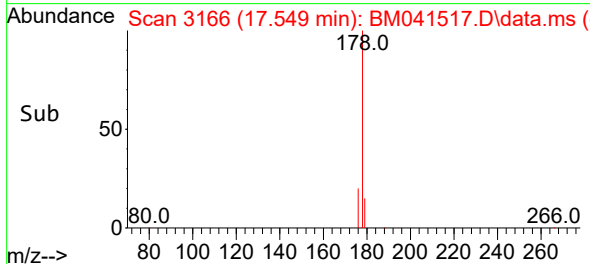
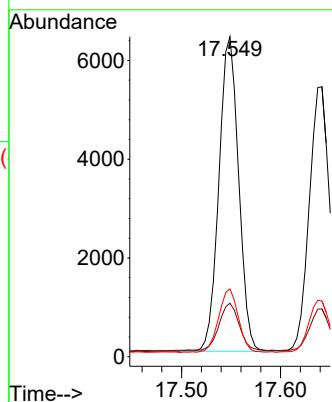
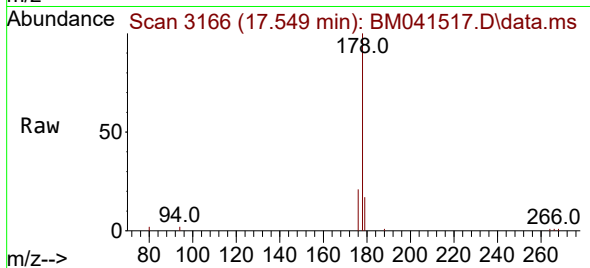
Tgt Ion:178 Resp: 8769

Ion Ratio Lower Upper

178 100

179 16.7 12.6 18.8

176 21.1 16.3 24.5



#16

Anthracene

Concen: 0.111 ng/ul

RT: 17.642 min Scan# 3188

Delta R.T. 0.005 min

Lab File: BM041517.D

Acq: 28 Aug 2023 11:36

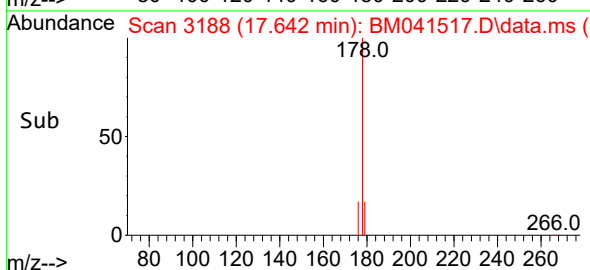
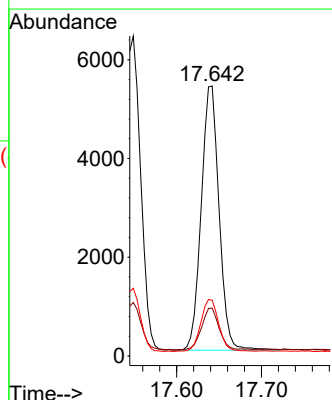
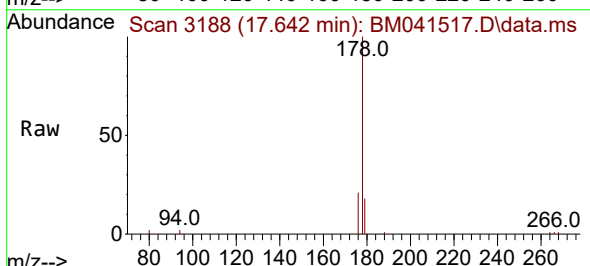
Tgt Ion:178 Resp: 7827

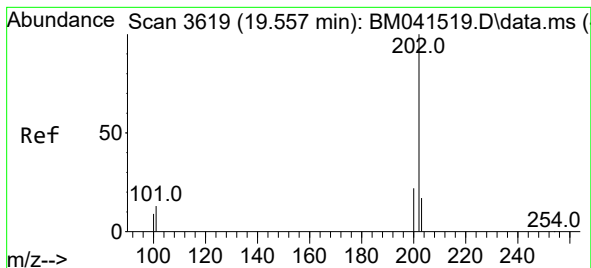
Ion Ratio Lower Upper

178 100

179 17.7 12.6 19.0

176 20.6 15.9 23.9





#19

Fluoranthene

Concen: 0.097 ng/ul

RT: 19.558 min Scan# 3

Delta R.T. 0.001 min

Lab File: BM041517.D

Acq: 28 Aug 2023 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001

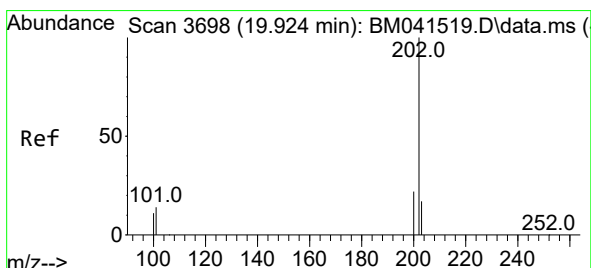
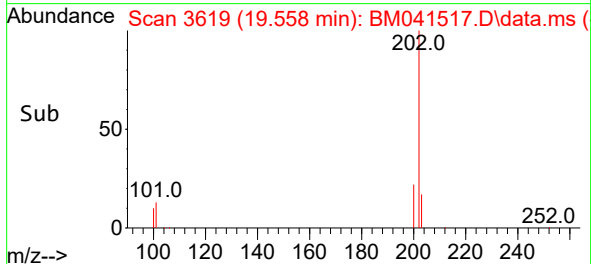
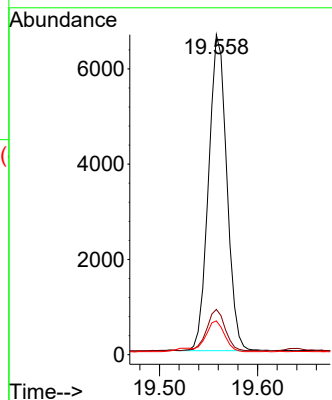
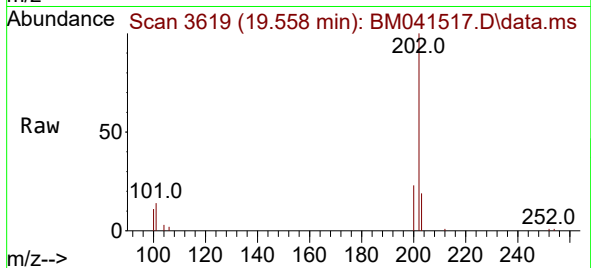
Tgt Ion:202 Resp: 8588

Ion Ratio Lower Upper

202 100

101 14.2 10.5 15.7

100 10.6 7.8 11.6



#20

Pyrene

Concen: 0.100 ng/ul

RT: 19.925 min Scan# 3698

Delta R.T. 0.001 min

Lab File: BM041517.D

Acq: 28 Aug 2023 11:36

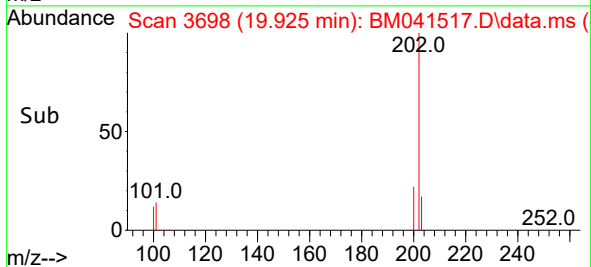
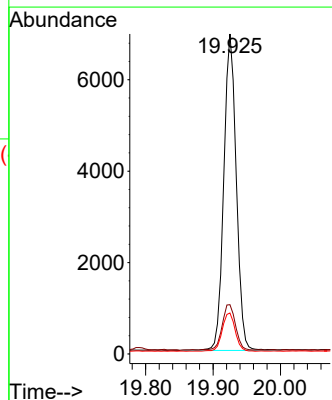
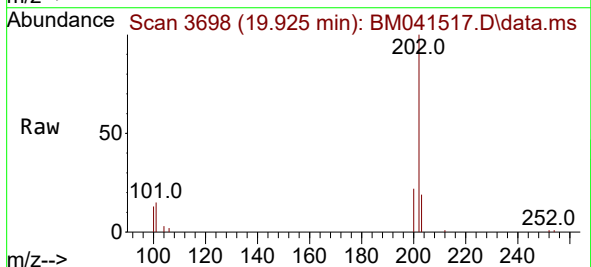
Tgt Ion:202 Resp: 8915

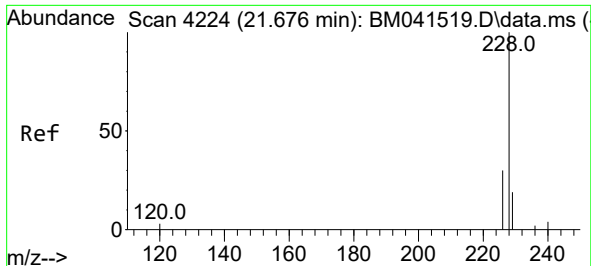
Ion Ratio Lower Upper

202 100

101 15.4 11.6 17.4

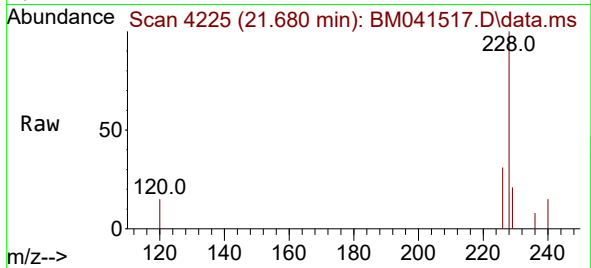
100 12.8 9.1 13.7



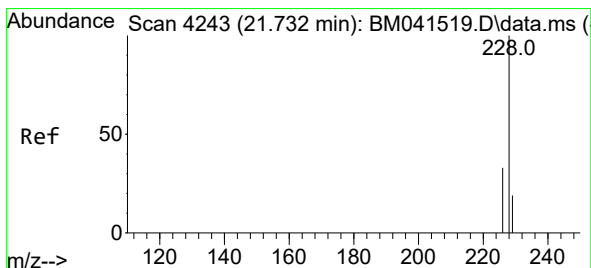
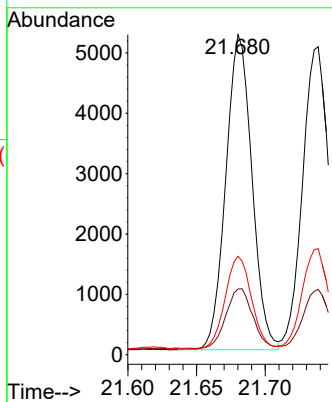
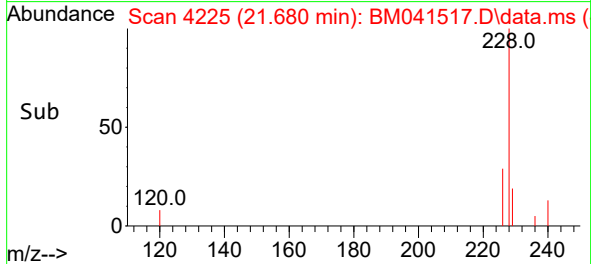


#21
Benzo(a)anthracene
Concen: 0.110 ng/ul
RT: 21.680 min Scan# 4224
Delta R.T. 0.004 min
Lab File: BM041517.D
Acq: 28 Aug 2023 11:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

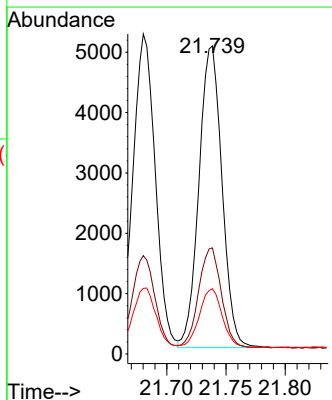
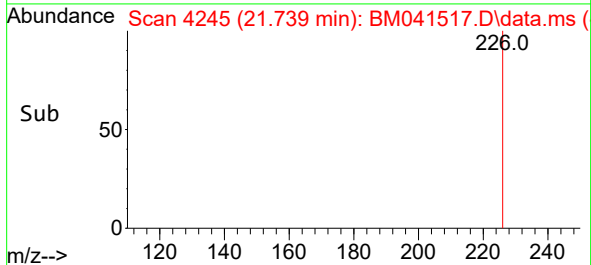
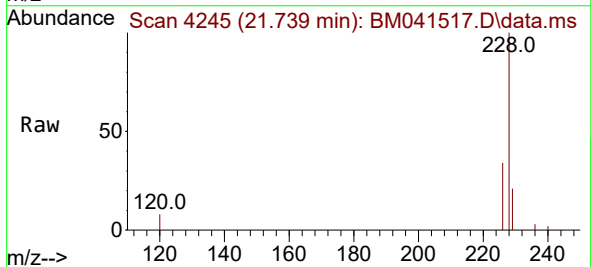


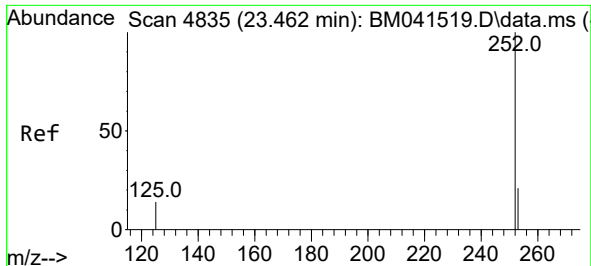
Tgt Ion:228 Resp: 6919
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 30.8 24.0 36.0



#22
Chrysene
Concen: 0.100 ng/ul
RT: 21.739 min Scan# 4245
Delta R.T. 0.007 min
Lab File: BM041517.D
Acq: 28 Aug 2023 11:36

Tgt Ion:228 Resp: 6767
Ion Ratio Lower Upper
228 100
226 34.4 26.3 39.5
229 21.2 15.4 23.2

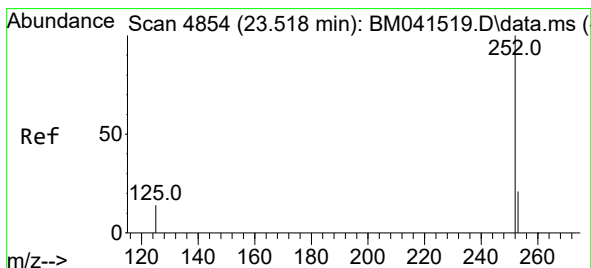
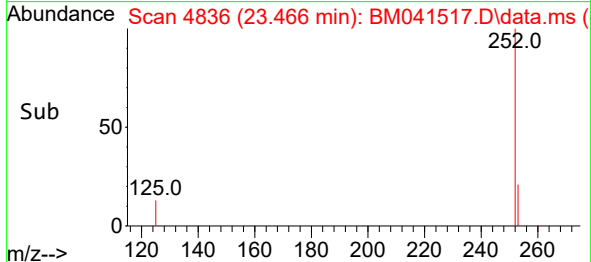
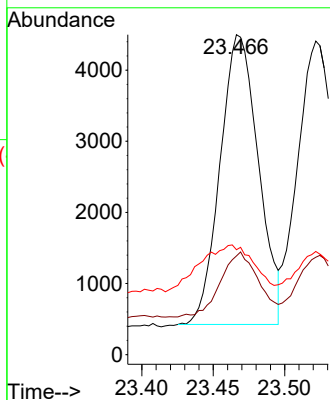
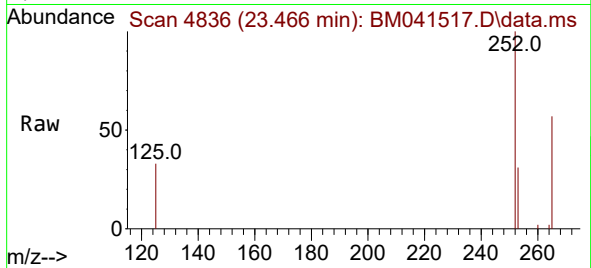




#24
Benzo(b)fluoranthene
Concen: 0.093 ng/ul
RT: 23.466 min Scan# 4835
Delta R.T. 0.004 min
Lab File: BM041517.D
Acq: 28 Aug 2023 11:36

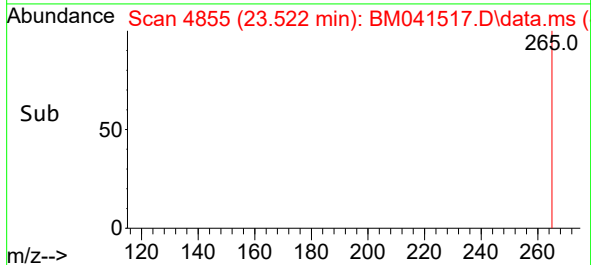
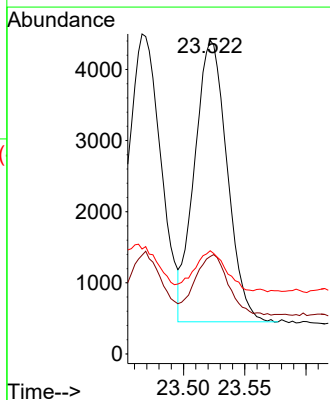
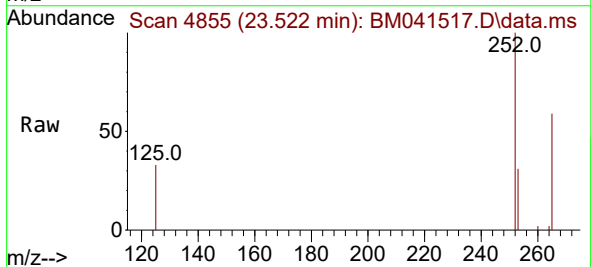
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

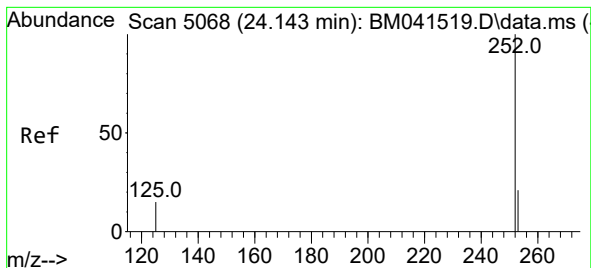
Tgt Ion:252 Resp: 7614
Ion Ratio Lower Upper
252 100
253 30.9 0.0 47.0
125 32.8 0.0 37.2



#25
Benzo(k)fluoranthene
Concen: 0.090 ng/ul
RT: 23.522 min Scan# 4855
Delta R.T. 0.004 min
Lab File: BM041517.D
Acq: 28 Aug 2023 11:36

Tgt Ion:252 Resp: 7323
Ion Ratio Lower Upper
252 100
253 31.0 19.3 28.9#
125 32.9 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.103 ng/ul

RT: 24.150 min Scan# 5068

Delta R.T. 0.007 min

Lab File: BM041517.D

Acq: 28 Aug 2023 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001

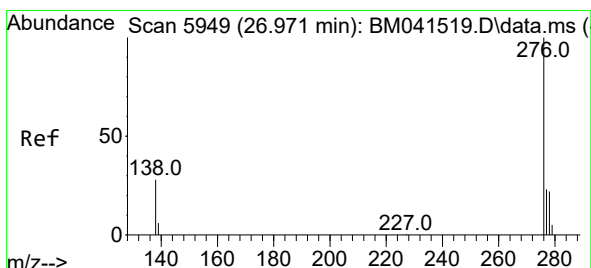
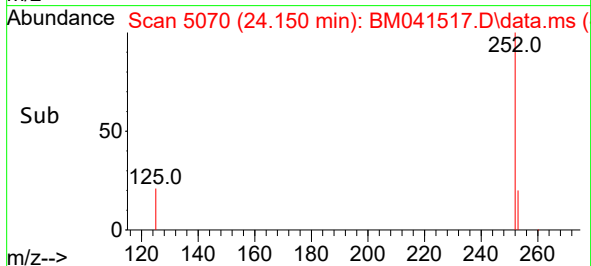
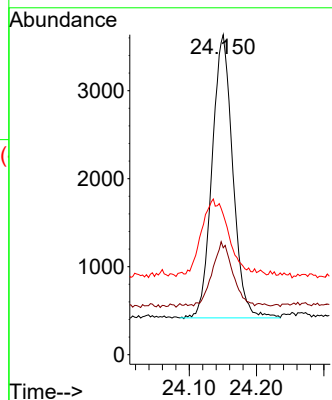
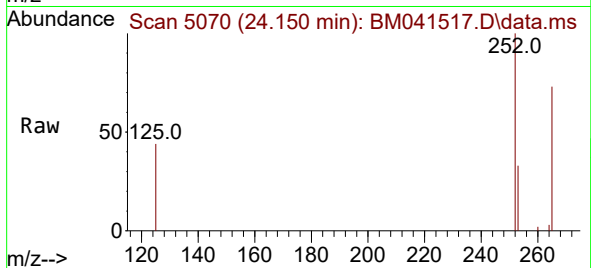
Tgt Ion:252 Resp: 6865

Ion Ratio Lower Upper

252 100

253 33.4 20.0 30.0#

125 43.8 17.1 25.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.111 ng/ul

RT: 26.979 min Scan# 5951

Delta R.T. 0.008 min

Lab File: BM041517.D

Acq: 28 Aug 2023 11:36

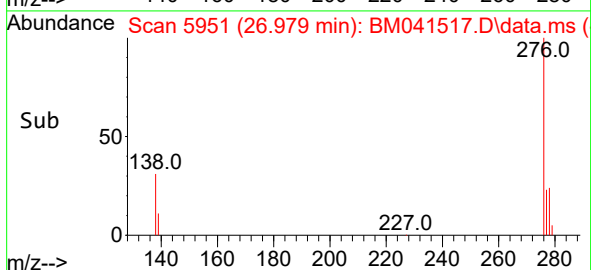
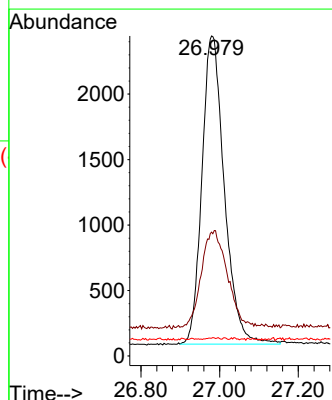
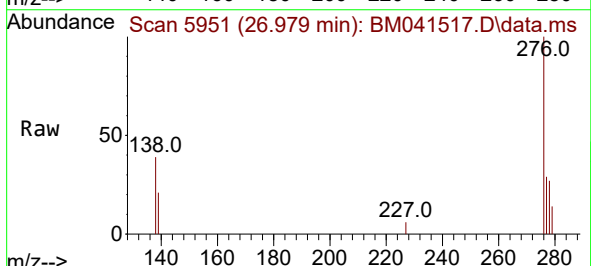
Tgt Ion:276 Resp: 9303

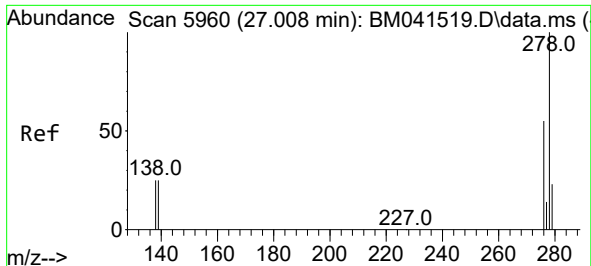
Ion Ratio Lower Upper

276 100

138 35.9 27.3 40.9

227 0.5 0.0 0.0#

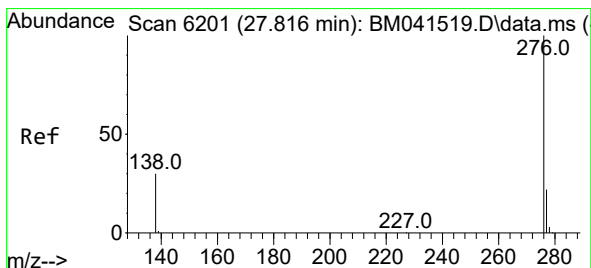
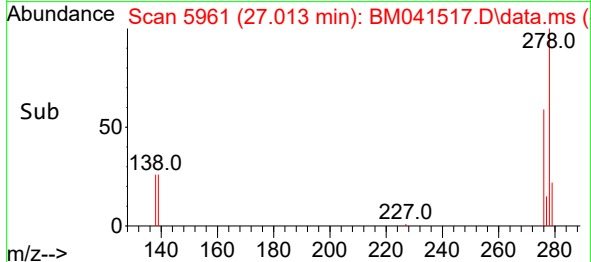
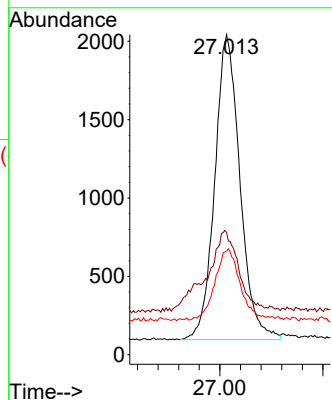
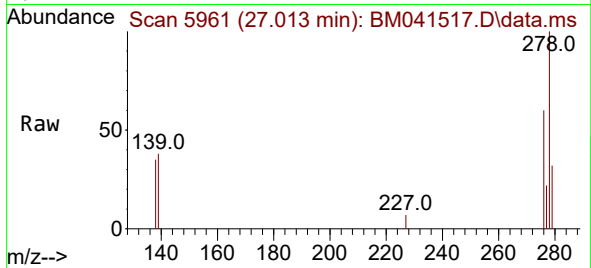




#28
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 27.013 min Scan# 5961
Delta R.T. 0.005 min
Lab File: BM041517.D
Acq: 28 Aug 2023 11:36

Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

Tgt Ion:278 Resp: 6610
Ion Ratio Lower Upper
278 100
139 38.2 22.2 33.2#
279 32.4 20.4 30.6#



#29
Benzo(g,h,i)perylene
Concen: 0.105 ng/ul
RT: 27.825 min Scan# 6203
Delta R.T. 0.008 min
Lab File: BM041517.D
Acq: 28 Aug 2023 11:36

Tgt Ion:276 Resp: 7755
Ion Ratio Lower Upper
276 100
138 38.3 25.9 38.9
277 29.6 19.1 28.7#

