

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
 Data File : BM041075.D
 Acq On : 24 Jul 2023 14:26
 Operator : MA/JU
 Sample : SSTD0.804
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.8039

Quant Time: Jul 25 00:07:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 16:22:33 2023
 Response via : Initial Calibration

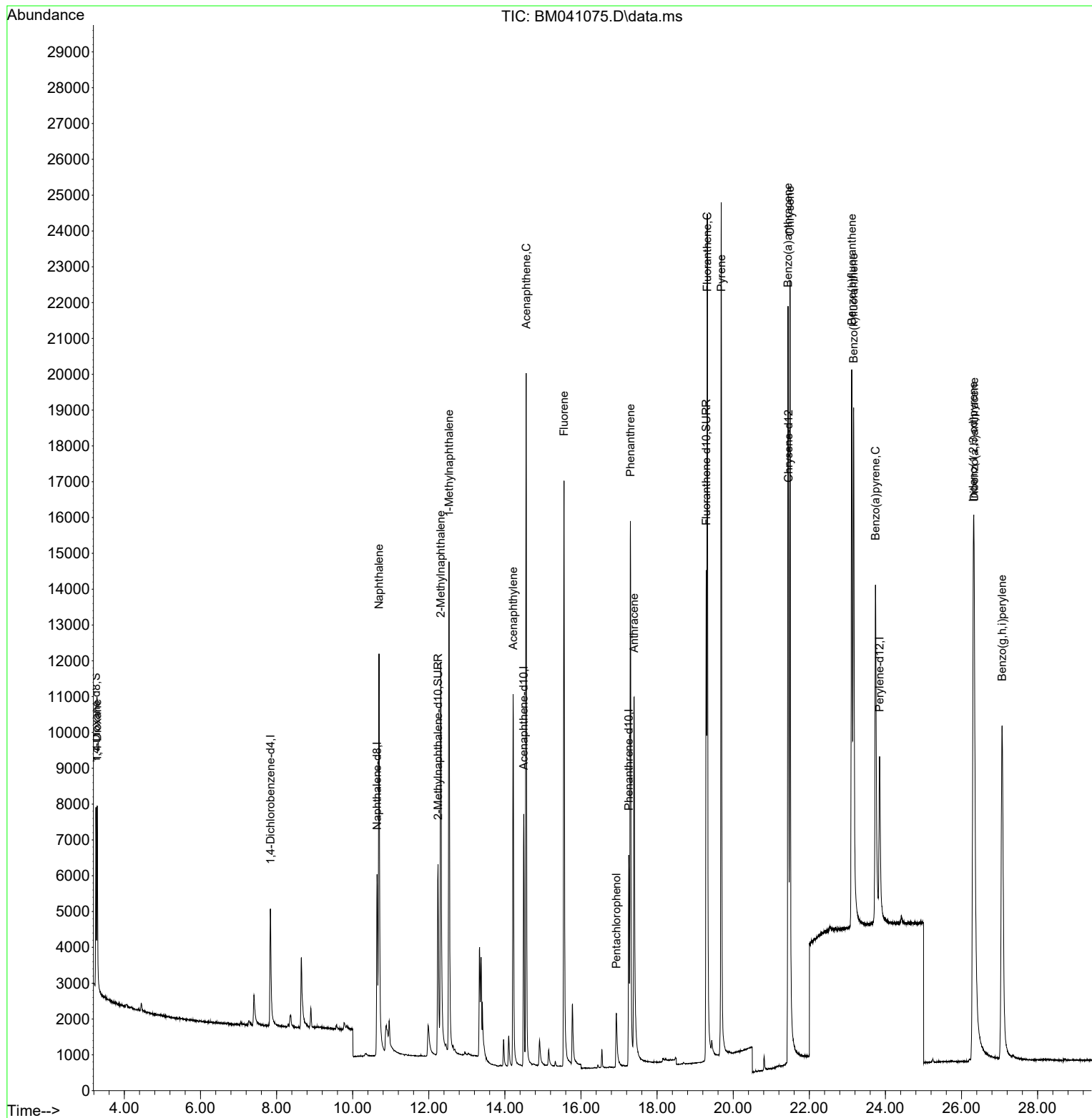
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	2511	0.400	ng/ul	0.00
4) Naphthalene-d8	10.642	136	8450	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.495	164	4162	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	8045	0.400	ng/ul	0.00
17) Chrysene-d12	21.454	240	7968	0.400	ng/ul	0.00
23) Perylene-d12	23.848	264	7487	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	3038	0.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	9505	0.788	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	17298	0.798	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.288	88	3171	0.801	ng/ul#	72
5) Naphthalene	10.691	128	18875	0.686	ng/ul	99
7) 2-Methylnaphthalene	12.313	142	10675	0.792	ng/ul	98
8) 1-Methylnaphthalene	12.533	142	10837	0.783	ng/ul	100
10) Acenaphthylene	14.217	152	13741	0.782	ng/ul	99
11) Acenaphthene	14.560	153	11700	0.789	ng/ul	100
12) Fluorene	15.554	166	12572	0.776	ng/ul	99
14) Pentachlorophenol	16.932	266	1719	0.734	ng/ul	98
15) Phenanthrene	17.299	178	18830	0.759	ng/ul	99
16) Anthracene	17.396	178	15656	0.780	ng/ul	99
19) Fluoranthene	19.320	202	21831	0.764	ng/ul	99
20) Pyrene	19.687	202	23529	0.747	ng/ul	98
21) Benzo(a)anthracene	21.439	228	19485	0.731	ng/ul	99
22) Chrysene	21.492	228	21829	0.710	ng/ul	100
24) Benzo(b)fluoranthene	23.117	252	22444	0.752	ng/ul	94
25) Benzo(k)fluoranthene	23.164	252	22268	0.782	ng/ul	95
26) Benzo(a)pyrene	23.740	252	19089	0.790	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.310	276	28662	0.801	ng/ul	99
28) Dibenzo(a,h)anthracene	26.330	278	22571	0.804	ng/ul	96
29) Benzo(g,h,i)perylene	27.065	276	25579	0.800	ng/ul	98

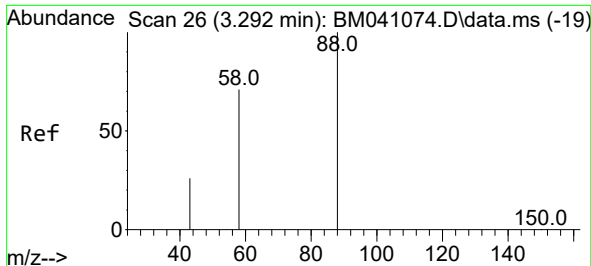
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041075.D
Acq On : 24 Jul 2023 14:26
Operator : MA/JU
Sample : SST0.804
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Quant Time: Jul 25 00:07:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 16:22:33 2023
Response via : Initial Calibration

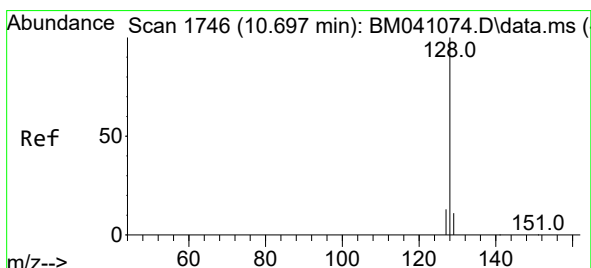
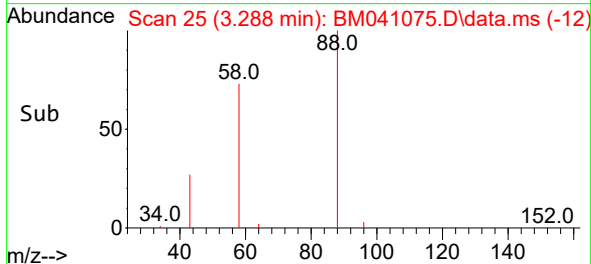
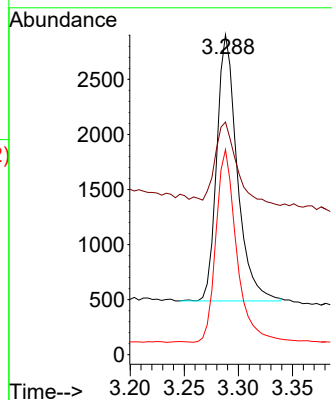
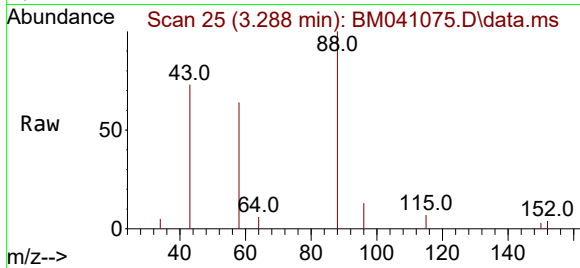




#2
1,4-Dioxane
Concen: 0.801 ng/ul
RT: 3.288 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM041075.D
Acq: 24 Jul 2023 14:26

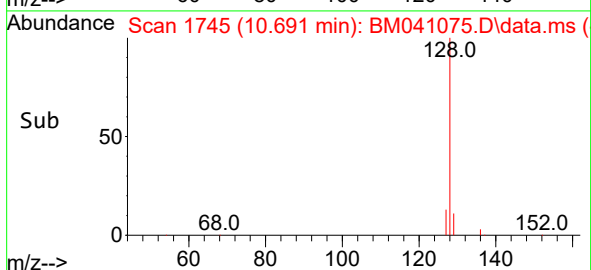
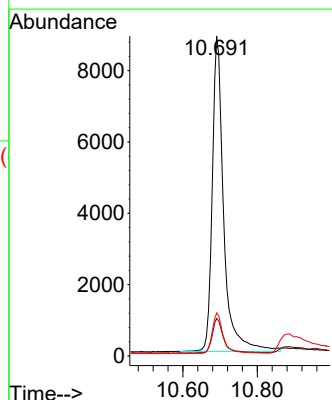
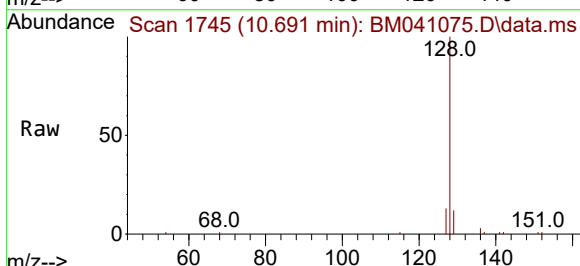
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

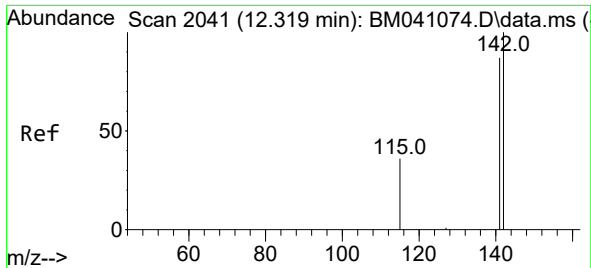
Tgt Ion: 88 Resp: 3171
Ion Ratio Lower Upper
88 100
43 72.7 83.1 124.7#
58 64.1 38.8 58.2#



#5
Naphthalene
Concen: 0.686 ng/ul
RT: 10.691 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BM041075.D
Acq: 24 Jul 2023 14:26

Tgt Ion: 128 Resp: 18875
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.8
127 13.4 11.1 16.7

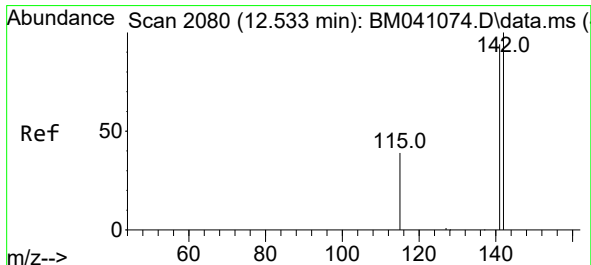
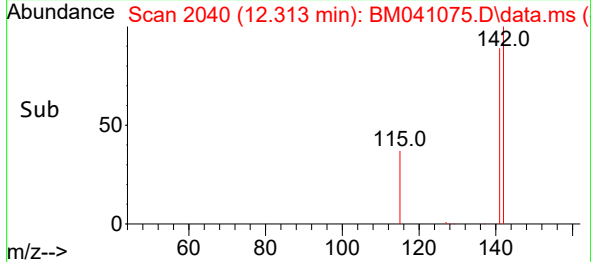
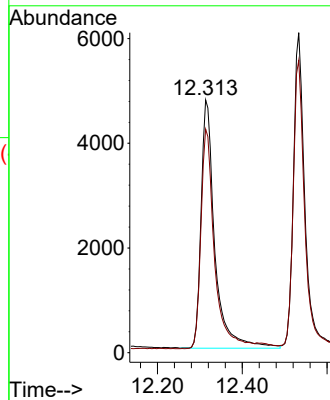
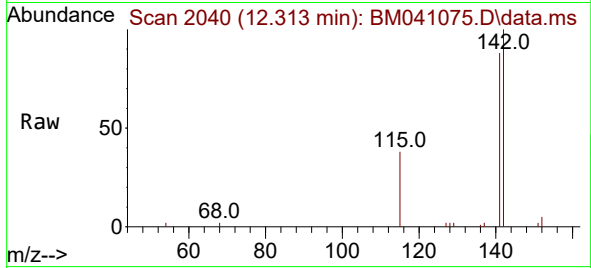




#7
2-Methylnaphthalene
Concen: 0.792 ng/ul
RT: 12.313 min Scan# 2040
Delta R.T. -0.005 min
Lab File: BM041075.D
Acq: 24 Jul 2023 14:26

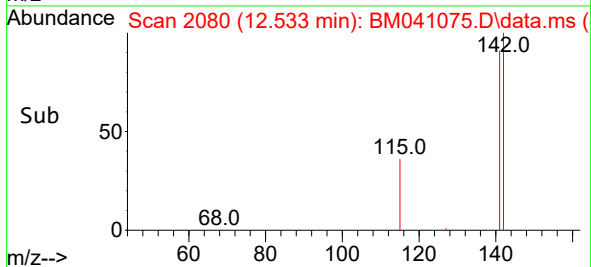
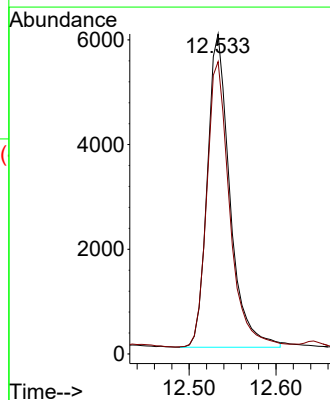
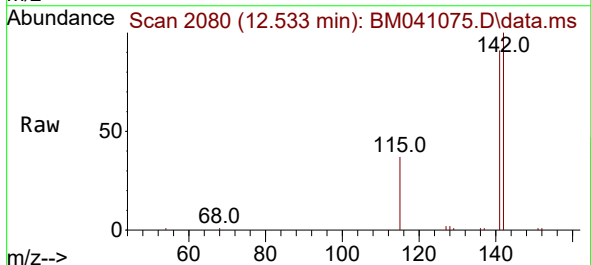
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

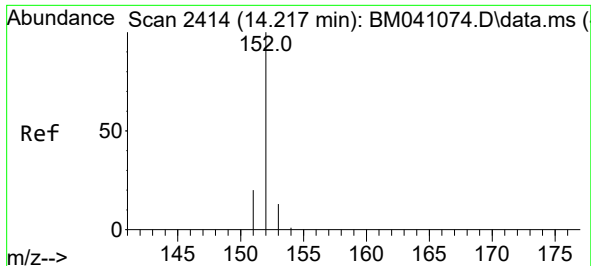
Tgt Ion:142 Resp: 10675
Ion Ratio Lower Upper
142 100
141 89.8 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.783 ng/ul
RT: 12.533 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM041075.D
Acq: 24 Jul 2023 14:26

Tgt Ion:142 Resp: 10837
Ion Ratio Lower Upper
142 100
141 92.1 73.6 110.4

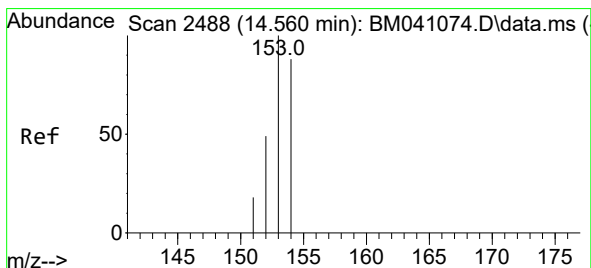
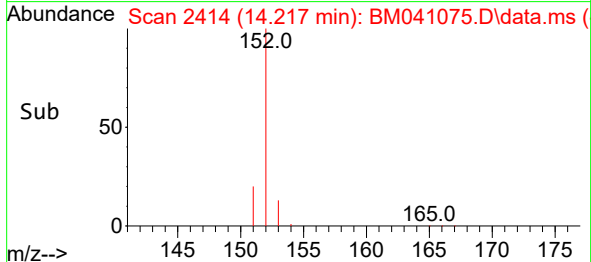
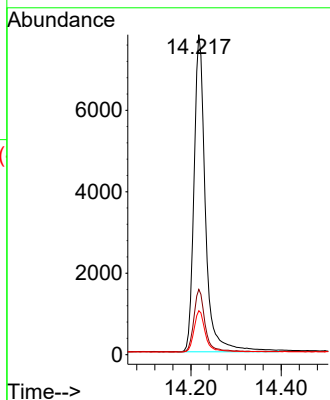
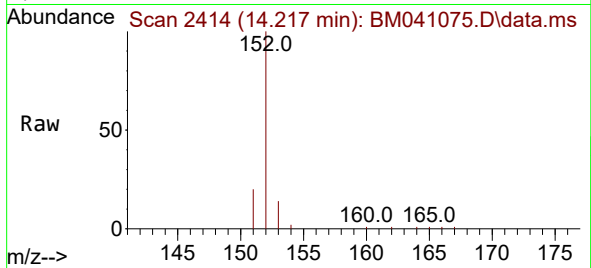




#10
Acenaphthylene
Concen: 0.782 ng/ul
RT: 14.217 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM041075.D
Acq: 24 Jul 2023 14:26

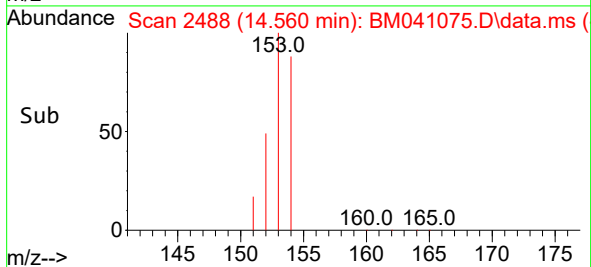
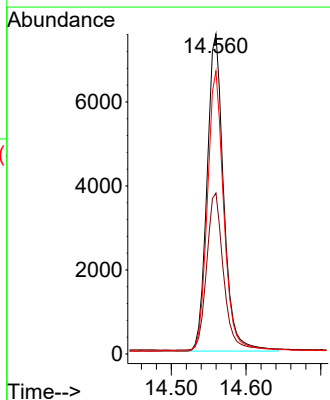
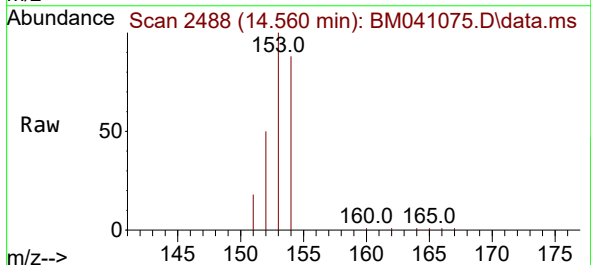
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

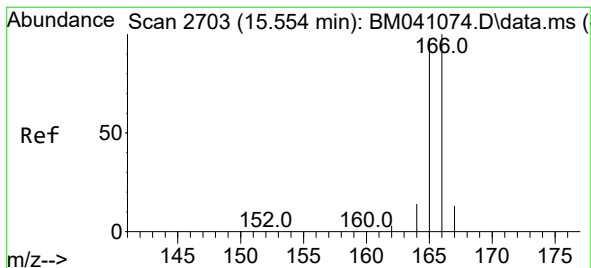
Tgt Ion:152 Resp: 13741
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.8 11.4 17.2



#11
Acenaphthene
Concen: 0.789 ng/ul
RT: 14.560 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM041075.D
Acq: 24 Jul 2023 14:26

Tgt Ion:153 Resp: 11700
Ion Ratio Lower Upper
153 100
152 50.3 40.2 60.4
154 88.4 70.3 105.5





#12

Fluorene

Concen: 0.776 ng/ul

RT: 15.554 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041075.D

Acq: 24 Jul 2023 14:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.8039

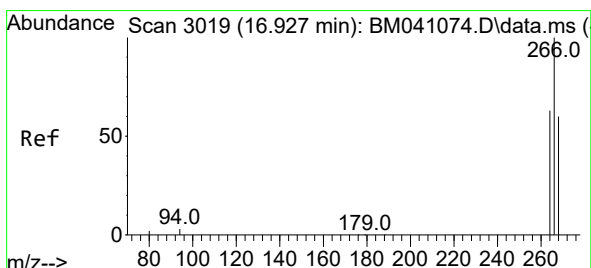
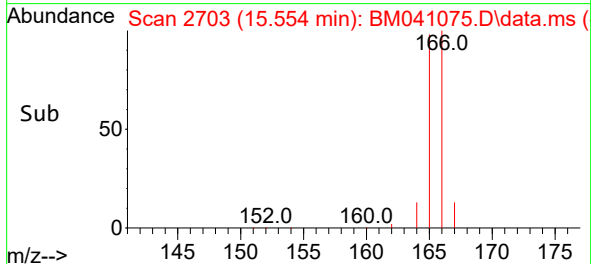
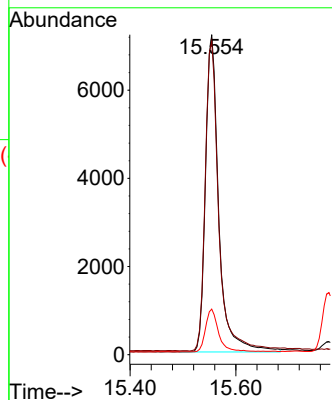
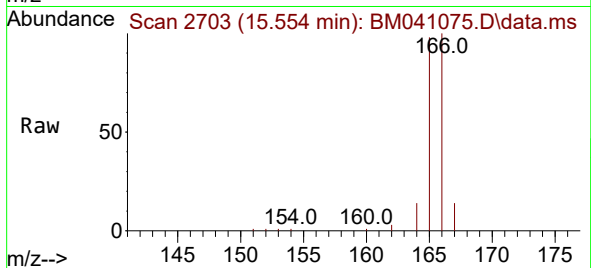
Tgt Ion:166 Resp: 12572

Ion Ratio Lower Upper

166 100

165 98.0 79.4 119.0

167 14.2 11.4 17.2



#14

Pentachlorophenol

Concen: 0.734 ng/ul

RT: 16.932 min Scan# 3020

Delta R.T. 0.004 min

Lab File: BM041075.D

Acq: 24 Jul 2023 14:26

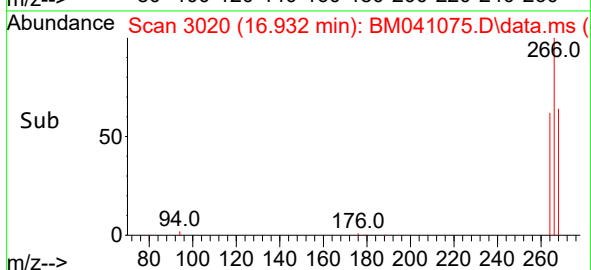
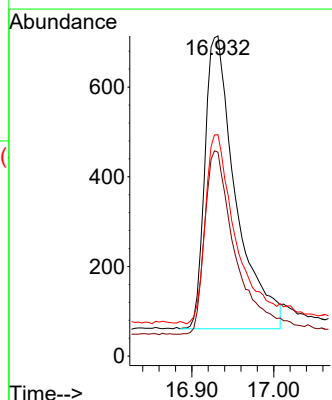
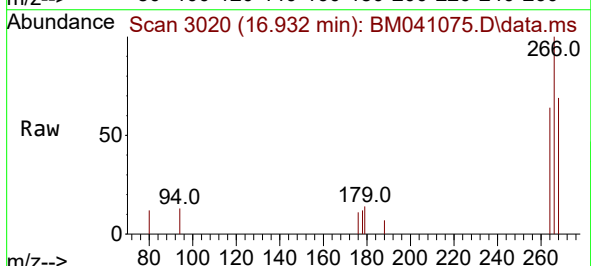
Tgt Ion:266 Resp: 1719

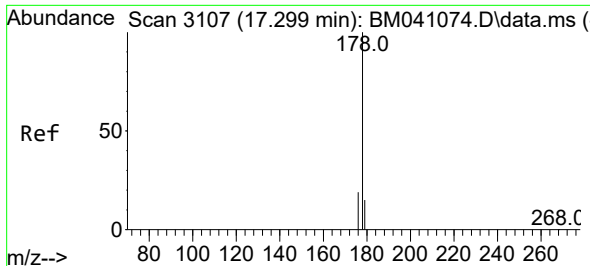
Ion Ratio Lower Upper

266 100

264 62.3 49.2 73.8

268 64.8 49.9 74.9

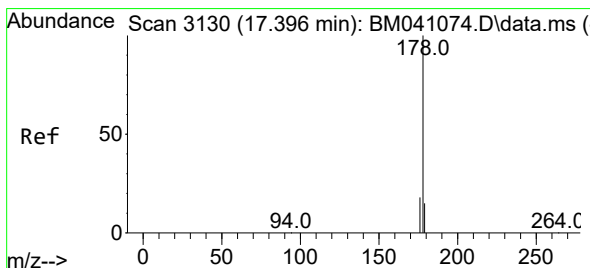
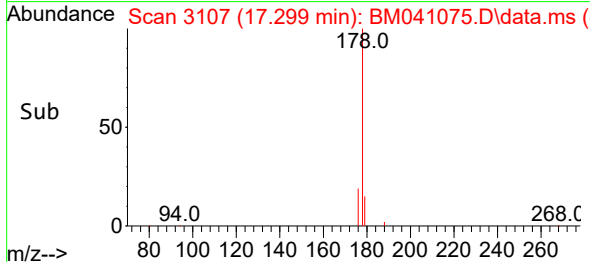
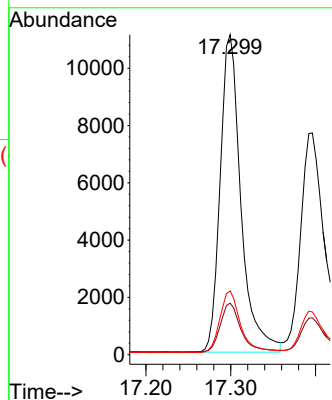
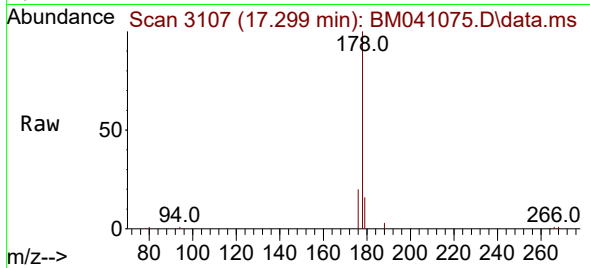




#15
Phenanthrene
Concen: 0.759 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM041075.D
Acq: 24 Jul 2023 14:26

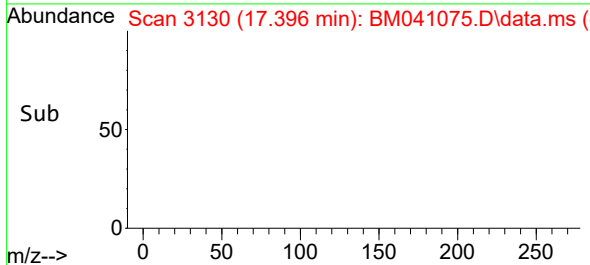
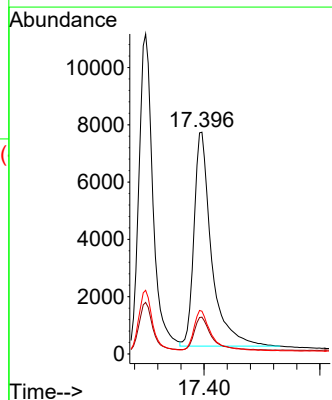
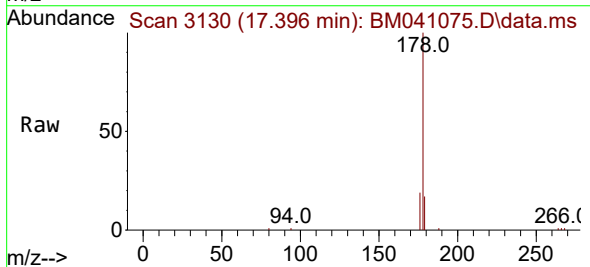
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

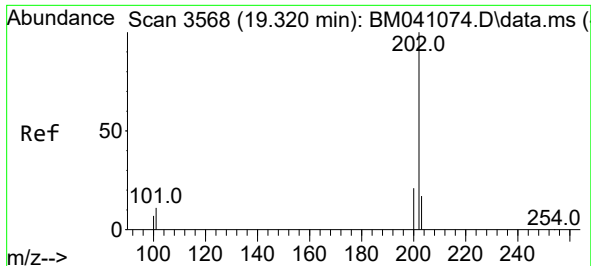
Tgt Ion:178 Resp: 18830
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.2
176 19.9 16.0 24.0



#16
Anthracene
Concen: 0.780 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM041075.D
Acq: 24 Jul 2023 14:26

Tgt Ion:178 Resp: 15656
Ion Ratio Lower Upper
178 100
179 16.6 13.6 20.4
176 19.2 16.0 24.0

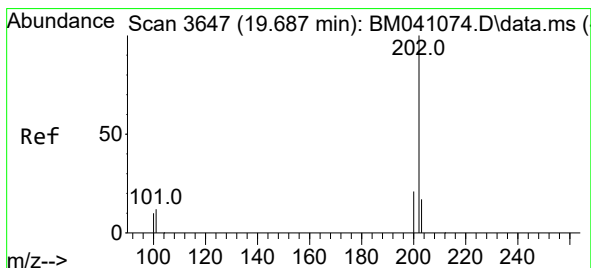
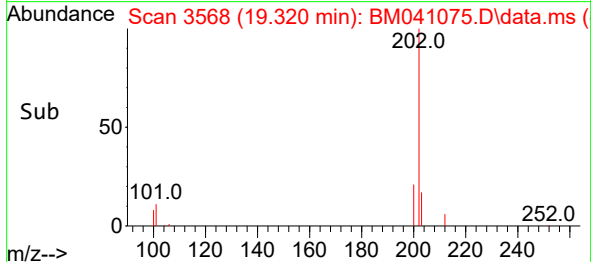
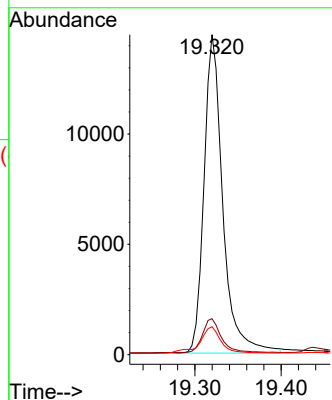
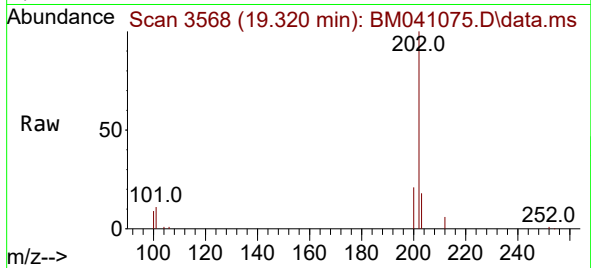




#19
Fluoranthene
Concen: 0.764 ng/ul
RT: 19.320 min Scan# 3568
Delta R.T. 0.000 min
Lab File: BM041075.D
Acq: 24 Jul 2023 14:26

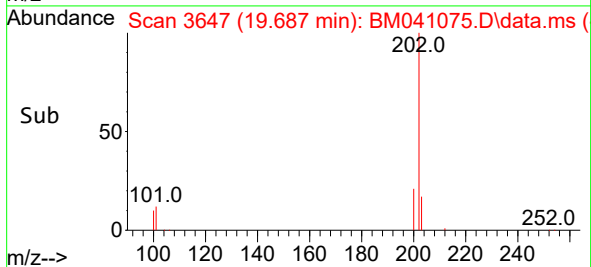
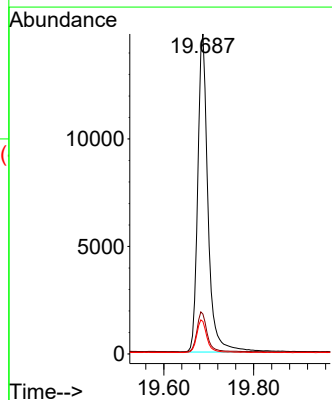
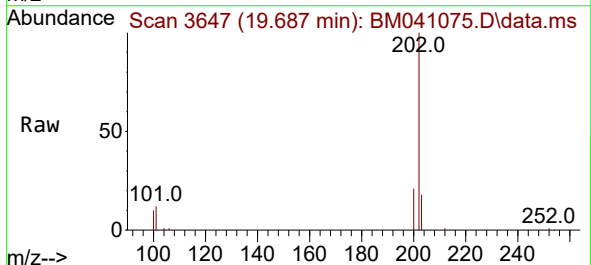
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

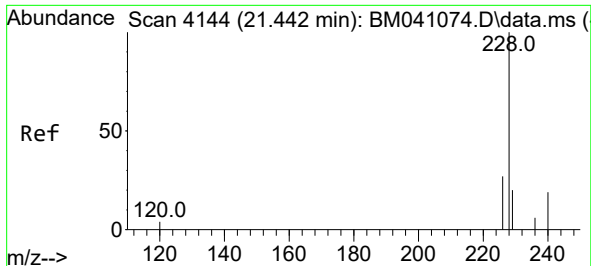
Tgt Ion:202 Resp: 21831
Ion Ratio Lower Upper
202 100
101 11.2 9.4 14.0
100 8.8 7.1 10.7



#20
Pyrene
Concen: 0.747 ng/ul
RT: 19.687 min Scan# 3647
Delta R.T. 0.000 min
Lab File: BM041075.D
Acq: 24 Jul 2023 14:26

Tgt Ion:202 Resp: 23529
Ion Ratio Lower Upper
202 100
101 12.5 10.7 16.1
100 10.1 8.5 12.7

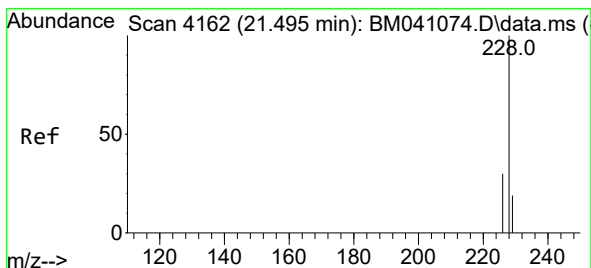
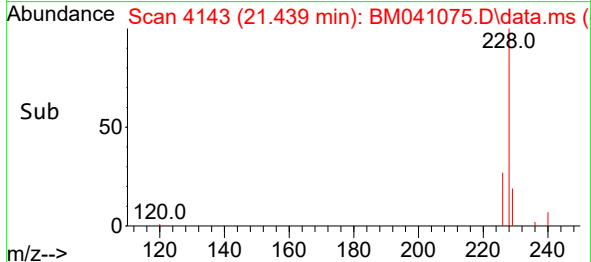
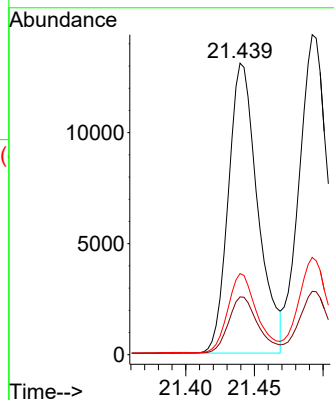
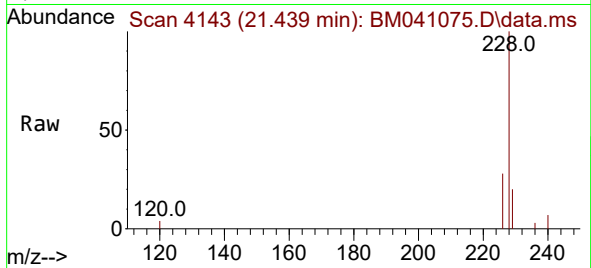




#21
Benzo(a)anthracene
Concen: 0.731 ng/ul
RT: 21.439 min Scan# 4143
Delta R.T. -0.003 min
Lab File: BM041075.D
Acq: 24 Jul 2023 14:26

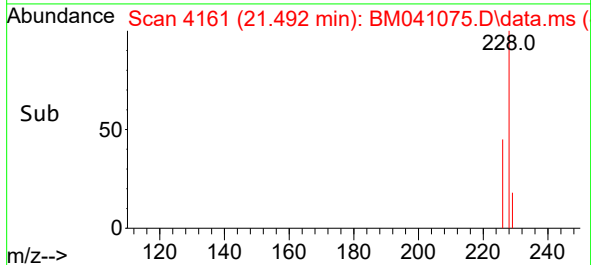
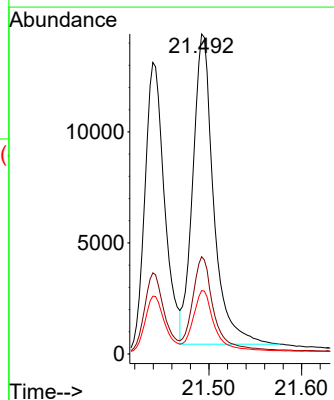
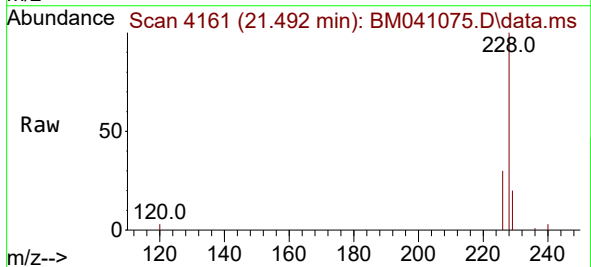
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

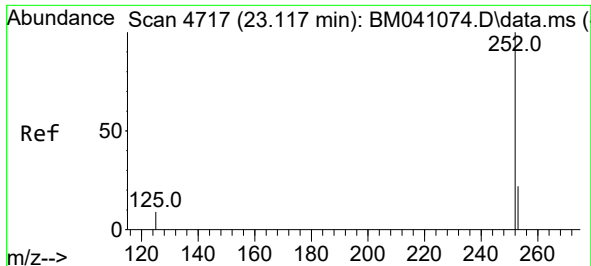
Tgt Ion:228 Resp: 19485
Ion Ratio Lower Upper
228 100
229 19.8 16.5 24.7
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.710 ng/ul
RT: 21.492 min Scan# 4161
Delta R.T. -0.003 min
Lab File: BM041075.D
Acq: 24 Jul 2023 14:26

Tgt Ion:228 Resp: 21829
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 19.8 15.9 23.9

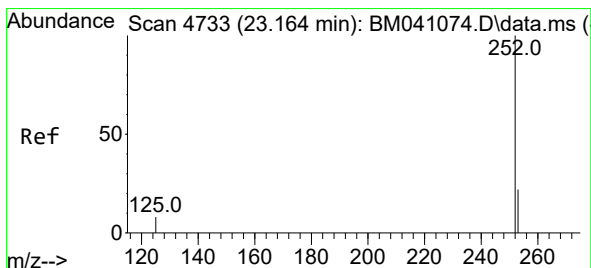
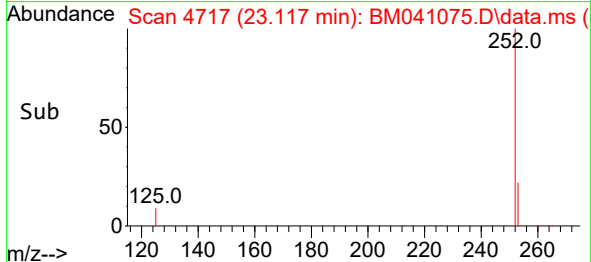
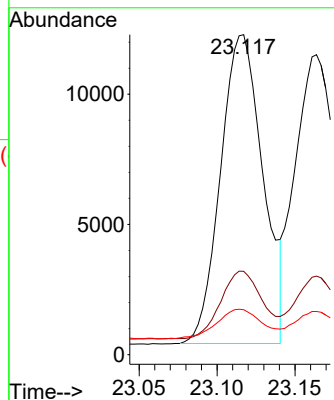
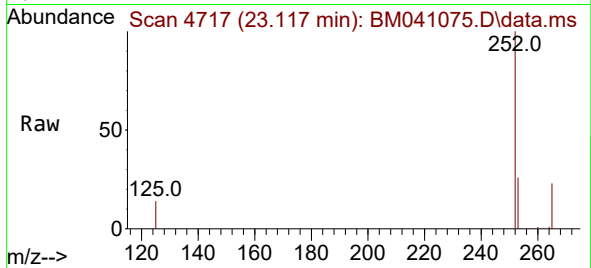




#24
Benzo(b)fluoranthene
Concen: 0.752 ng/ul
RT: 23.117 min Scan# 4717
Delta R.T. 0.000 min
Lab File: BM041075.D
Acq: 24 Jul 2023 14:26

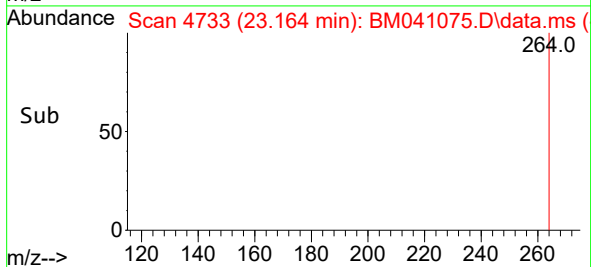
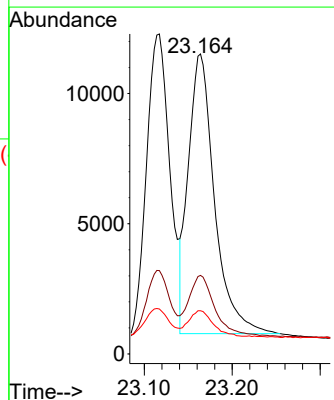
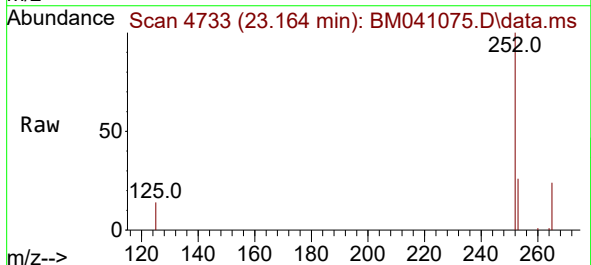
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

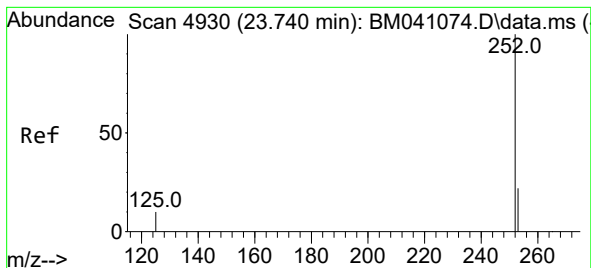
Tgt Ion:252 Resp: 22444
Ion Ratio Lower Upper
252 100
253 26.0 0.0 57.6
125 14.1 0.0 33.6



#25
Benzo(k)fluoranthene
Concen: 0.782 ng/ul
RT: 23.164 min Scan# 4733
Delta R.T. 0.000 min
Lab File: BM041075.D
Acq: 24 Jul 2023 14:26

Tgt Ion:252 Resp: 22268
Ion Ratio Lower Upper
252 100
253 26.2 22.8 34.2
125 14.4 13.5 20.3





#26

Benzo(a)pyrene

Concen: 0.790 ng/ul

RT: 23.740 min Scan# 4930

Delta R.T. 0.000 min

Lab File: BM041075.D

Acq: 24 Jul 2023 14:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.8039

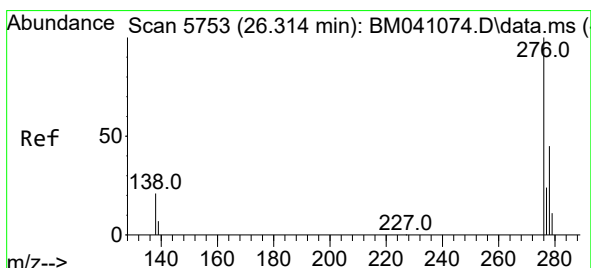
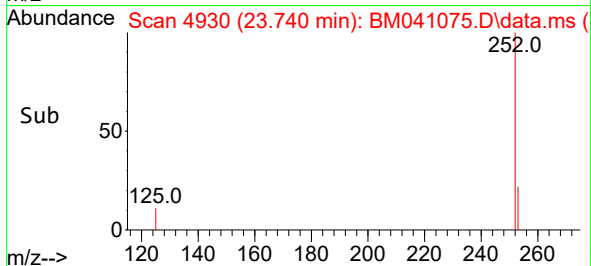
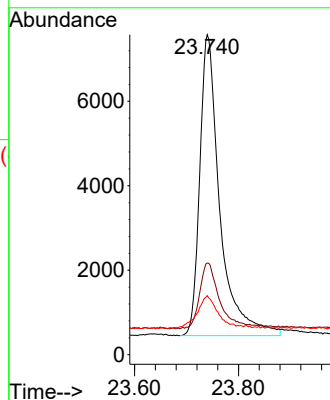
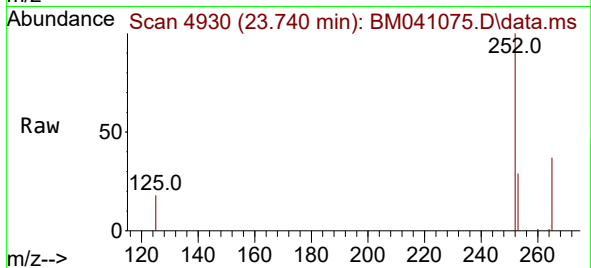
Tgt Ion:252 Resp: 19089

Ion Ratio Lower Upper

252 100

253 28.7 26.7 40.1

125 18.5 18.1 27.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.801 ng/ul

RT: 26.310 min Scan# 5752

Delta R.T. -0.003 min

Lab File: BM041075.D

Acq: 24 Jul 2023 14:26

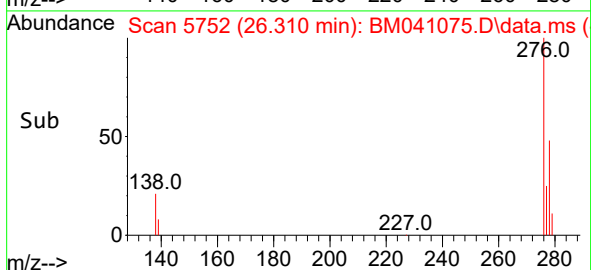
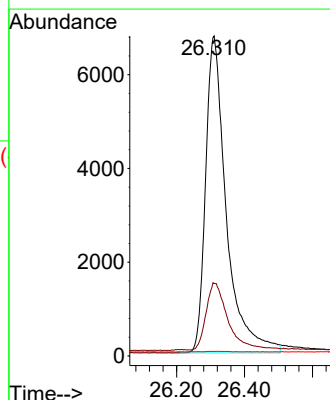
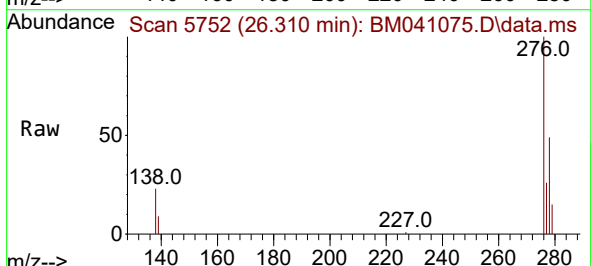
Tgt Ion:276 Resp: 28662

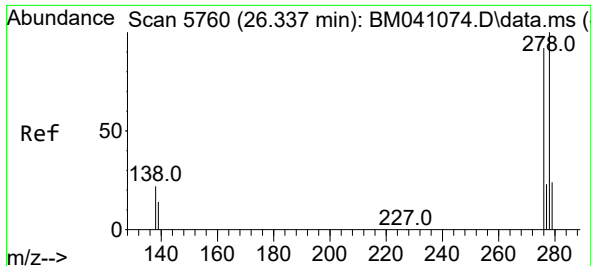
Ion Ratio Lower Upper

276 100

138 22.3 18.1 27.1

227 0.2 0.2 0.2

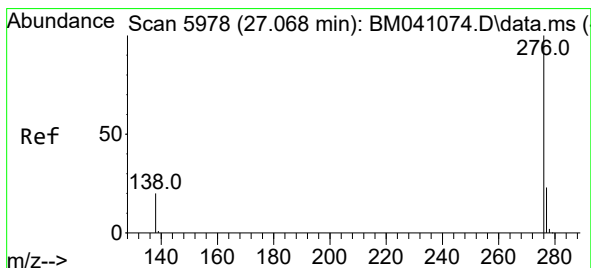
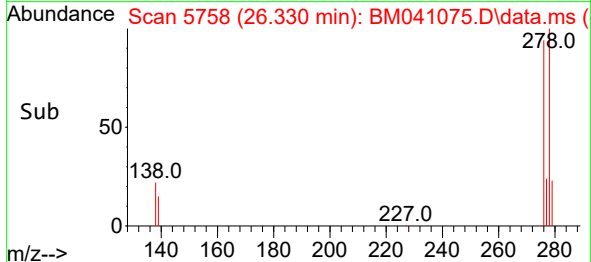
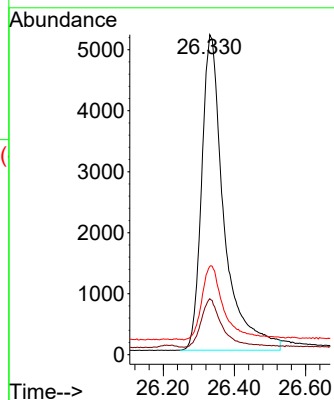
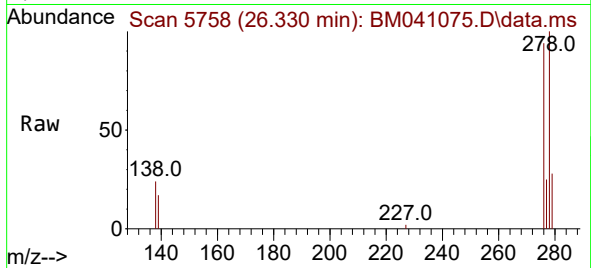




#28
Dibenzo(a,h)anthracene
Concen: 0.804 ng/ul
RT: 26.330 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM041075.D
Acq: 24 Jul 2023 14:26

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:278 Resp: 22571
Ion Ratio Lower Upper
278 100
139 17.5 14.1 21.1
279 27.6 25.0 37.4



#29
Benzo(g,h,i)perylene
Concen: 0.800 ng/ul
RT: 27.065 min Scan# 5977
Delta R.T. -0.003 min
Lab File: BM041075.D
Acq: 24 Jul 2023 14:26

Tgt Ion:276 Resp: 25579
Ion Ratio Lower Upper
276 100
138 21.5 18.2 27.2
277 24.8 20.6 30.8

