

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041459.D
 Acq On : 24 Aug 2023 10:22
 Operator : MA/JU
 Sample : SST0.207
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2044

Quant Time: Aug 24 18:22:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 24 13:21:17 2023
 Response via : Initial Calibration

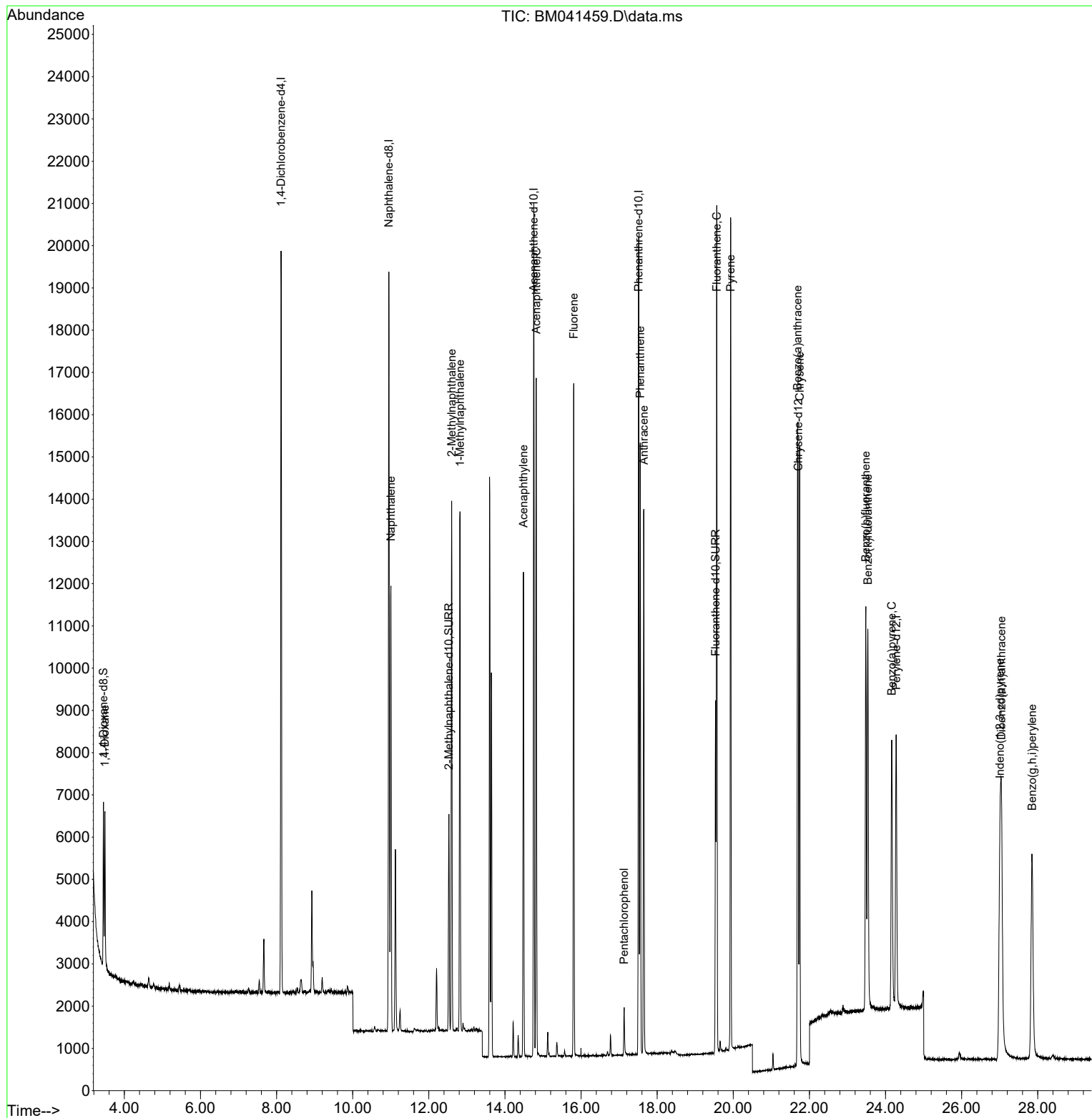
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	8659	0.400	ng/ul	0.00
4) Naphthalene-d8	10.950	136	23147	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.759	164	10378	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.515	188	20202	0.400	ng/ul	0.00
17) Chrysene-d12	21.705	240	8910	0.400	ng/ul	0.00
23) Perylene-d12	24.281	264	9636	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	2278	0.208	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.528	152	6209	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.534	212	7618	0.194	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.490	88	2311	0.205	ng/ul#	85
5) Naphthalene	11.005	128	14251	0.207	ng/ul	99
7) 2-Methylnaphthalene	12.599	142	8398	0.203	ng/ul	99
8) 1-Methylnaphthalene	12.819	142	8529	0.202	ng/ul	99
10) Acenaphthylene	14.486	152	12875	0.207	ng/ul	98
11) Acenaphthene	14.823	153	8845	0.204	ng/ul	98
12) Fluorene	15.809	166	9791	0.202	ng/ul	100
14) Pentachlorophenol	17.130	266	775	0.203	ng/ul	97
15) Phenanthrene	17.557	178	15189	0.205	ng/ul	99
16) Anthracene	17.650	178	13676	0.203	ng/ul	98
19) Fluoranthene	19.566	202	15520	0.190	ng/ul	100
20) Pyrene	19.933	202	16036	0.194	ng/ul	100
21) Benzo(a)anthracene	21.688	228	11746	0.203	ng/ul	99
22) Chrysene	21.743	228	12755	0.204	ng/ul	100
24) Benzo(b)fluoranthene	23.483	252	13002	0.197	ng/ul	93
25) Benzo(k)fluoranthene	23.535	252	12926	0.196	ng/ul	97
26) Benzo(a)pyrene	24.164	252	10650	0.196	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	27.005	276	13575	0.200	ng/ul#	99
28) Dibenzo(a,h)anthracene	27.045	278	10443	0.201	ng/ul	95
29) Benzo(g,h,i)perylene	27.850	276	12050	0.202	ng/ul	97

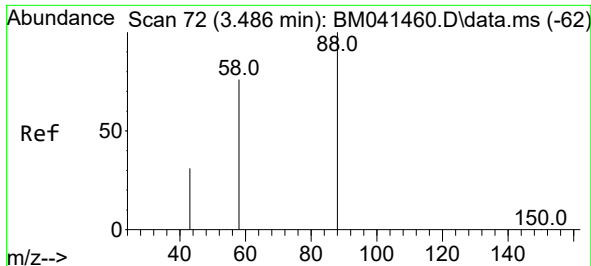
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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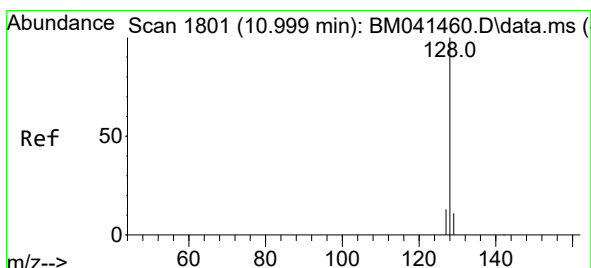
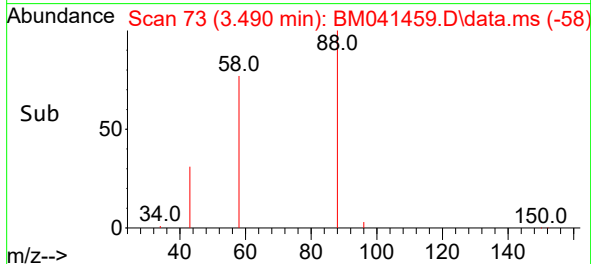
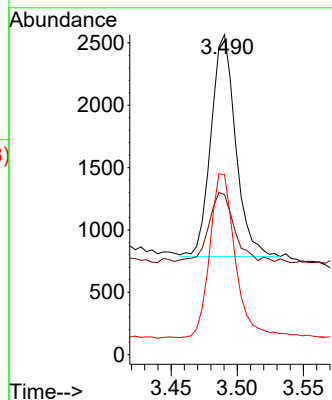
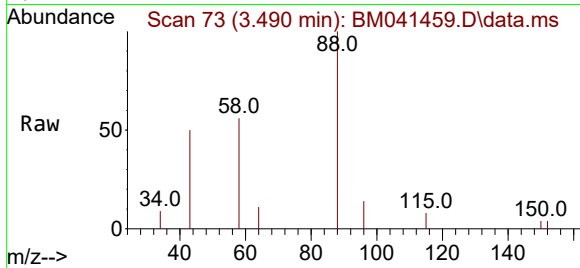




#2
1,4-Dioxane
Concen: 0.205 ng/ul
RT: 3.490 min Scan# 71
Delta R.T. 0.004 min
Lab File: BM041459.D
Acq: 24 Aug 2023 10:22

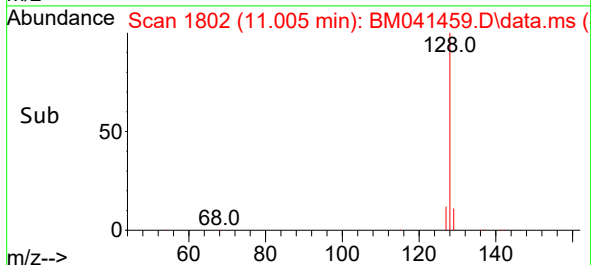
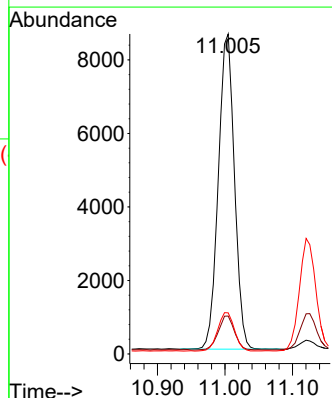
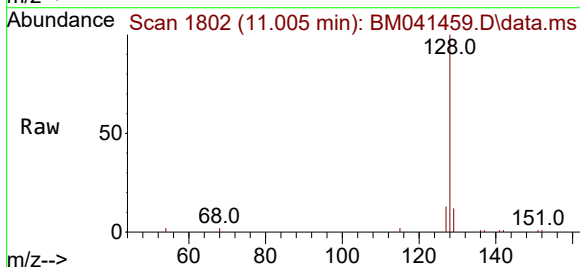
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

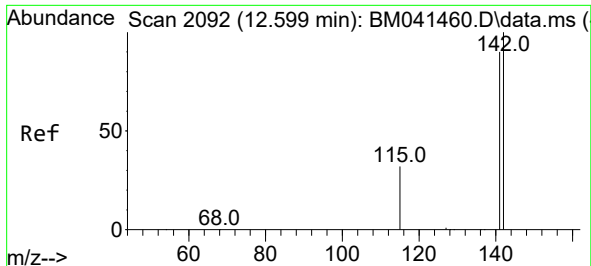
Tgt Ion: 88 Resp: 2311
Ion Ratio Lower Upper
88 100
43 50.0 35.4 53.2
58 56.2 57.3 85.9#



#5
Naphthalene
Concen: 0.207 ng/ul
RT: 11.005 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BM041459.D
Acq: 24 Aug 2023 10:22

Tgt Ion: 128 Resp: 14251
Ion Ratio Lower Upper
128 100
129 11.9 8.9 13.3
127 12.8 10.6 15.8

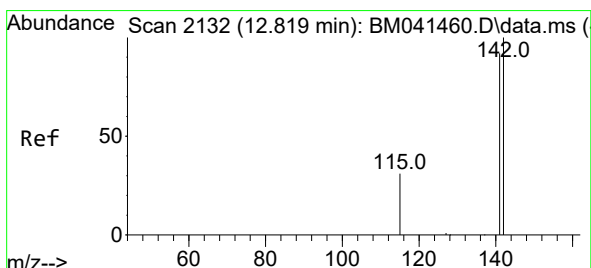
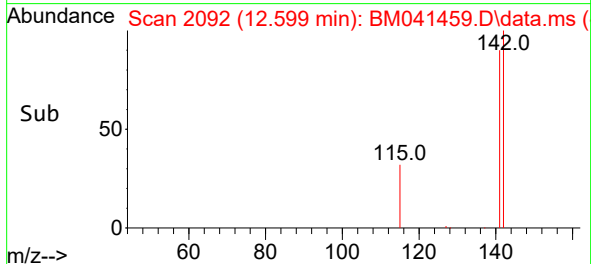
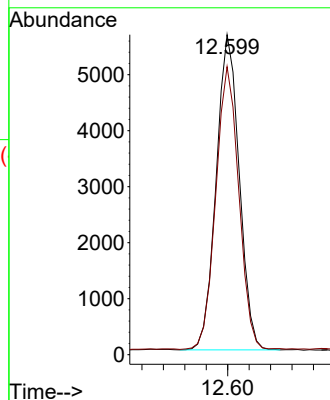
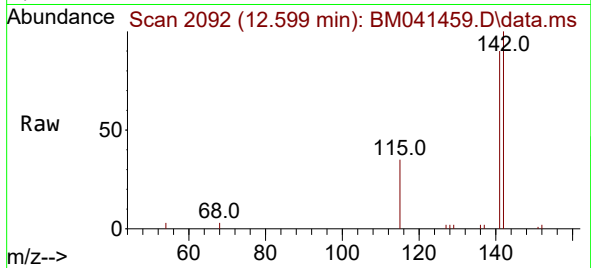




#7
2-Methylnaphthalene
Concen: 0.203 ng/ul
RT: 12.599 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BM041459.D
Acq: 24 Aug 2023 10:22

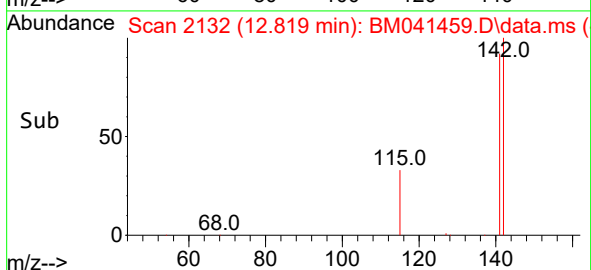
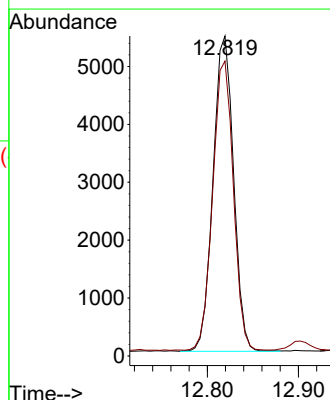
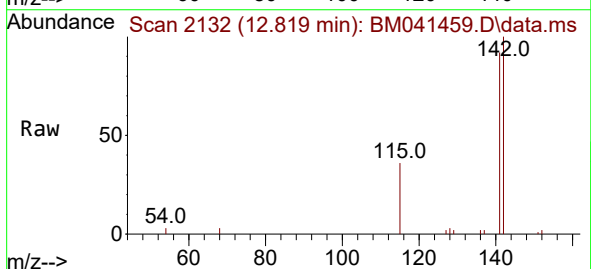
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

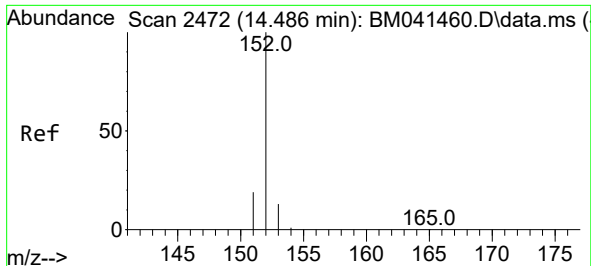
Tgt Ion:142 Resp: 8398
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.202 ng/ul
RT: 12.819 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BM041459.D
Acq: 24 Aug 2023 10:22

Tgt Ion:142 Resp: 8529
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.2

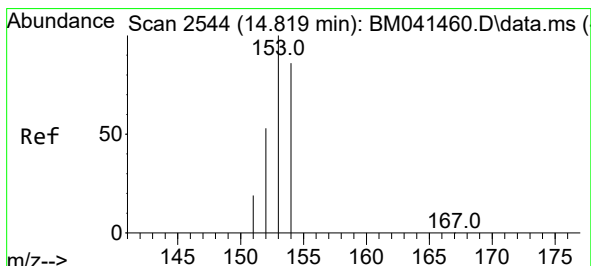
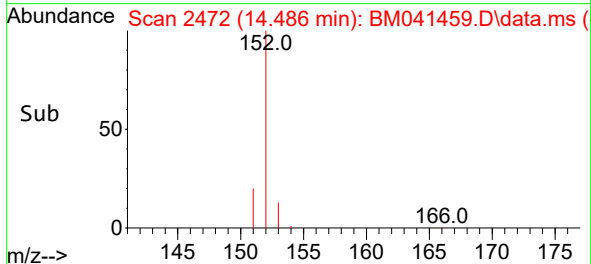
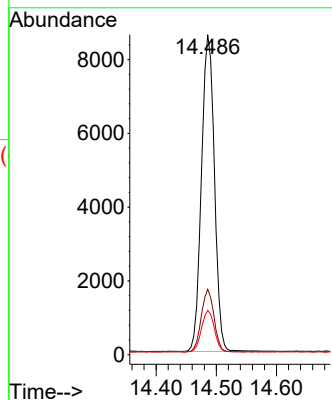
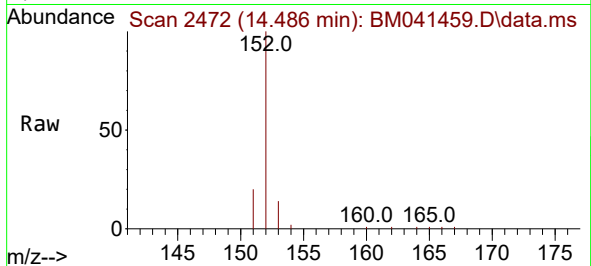




#10
Acenaphthylene
Concen: 0.207 ng/ul
RT: 14.486 min Scan# 2472
Delta R.T. 0.000 min
Lab File: BM041459.D
Acq: 24 Aug 2023 10:22

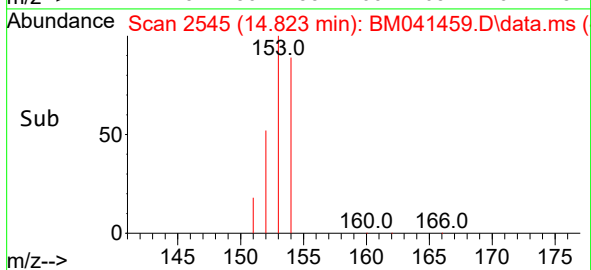
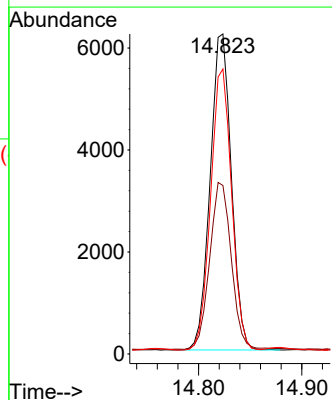
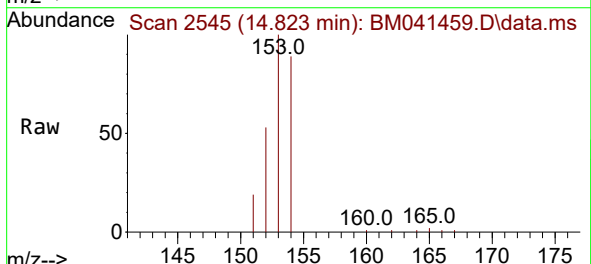
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

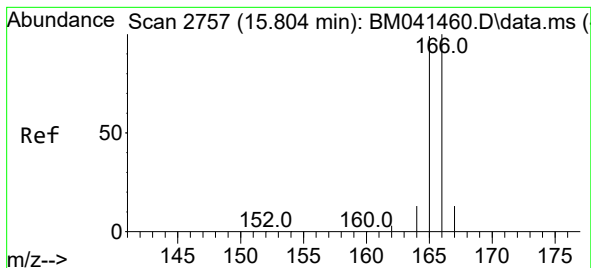
Tgt Ion:	152	Resp:	12875
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.8	23.6
153	13.8	10.6	15.8



#11
Acenaphthene
Concen: 0.204 ng/ul
RT: 14.823 min Scan# 2545
Delta R.T. 0.005 min
Lab File: BM041459.D
Acq: 24 Aug 2023 10:22

Tgt Ion:	153	Resp:	8845
Ion Ratio	Lower	Upper	
153	100		
152	52.7	42.9	64.3
154	89.1	68.9	103.3





#12

Fluorene

Concen: 0.202 ng/ul

RT: 15.809 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM041459.D

Acq: 24 Aug 2023 10:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.2044

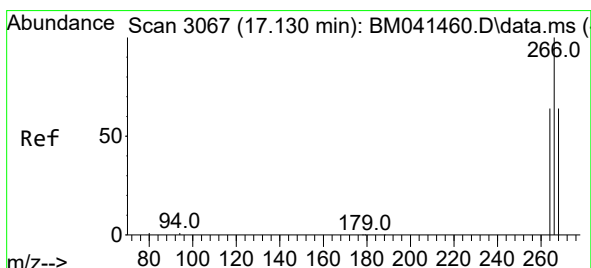
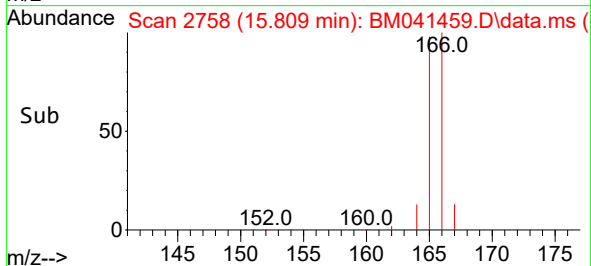
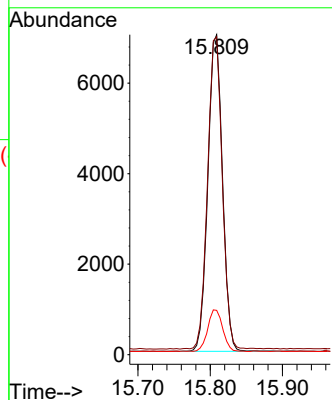
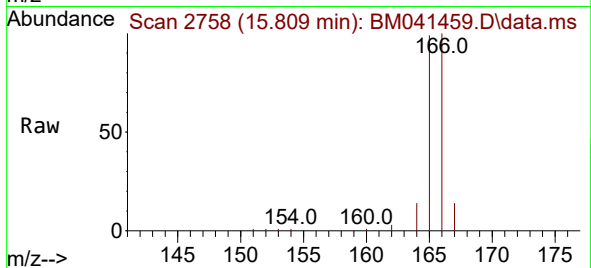
Tgt Ion:166 Resp: 9791

Ion Ratio Lower Upper

166 100

165 99.4 79.4 119.2

167 13.9 11.0 16.6



#14

Pentachlorophenol

Concen: 0.203 ng/ul

RT: 17.130 min Scan# 3067

Delta R.T. 0.000 min

Lab File: BM041459.D

Acq: 24 Aug 2023 10:22

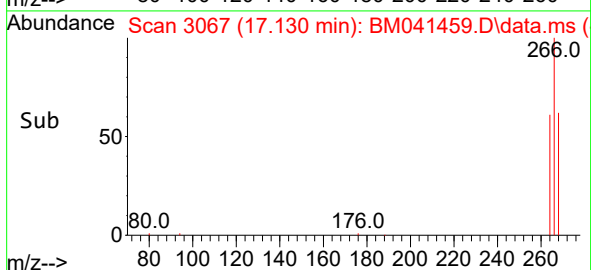
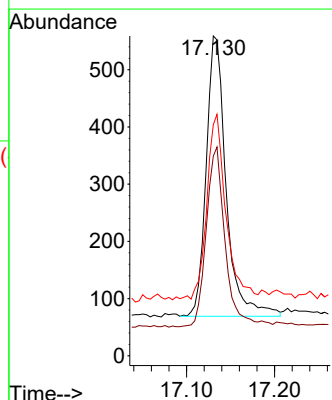
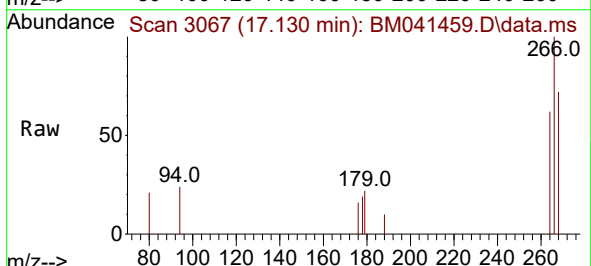
Tgt Ion:266 Resp: 775

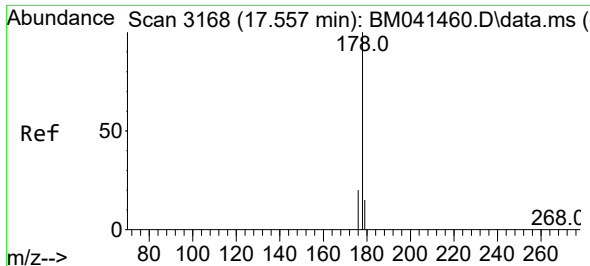
Ion Ratio Lower Upper

266 100

264 60.5 50.1 75.1

268 63.7 48.6 73.0

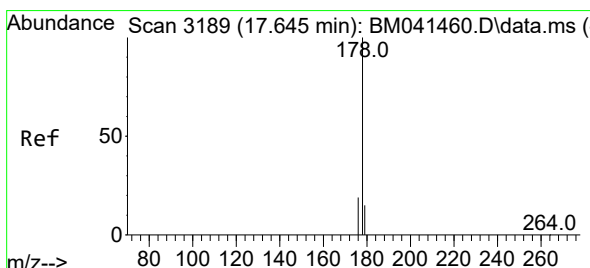
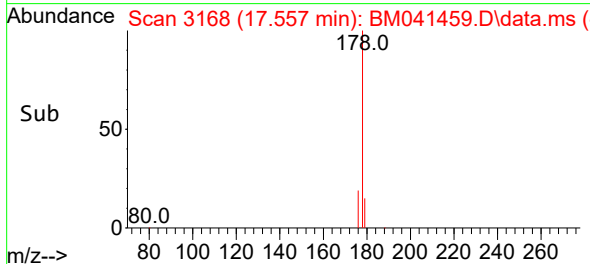
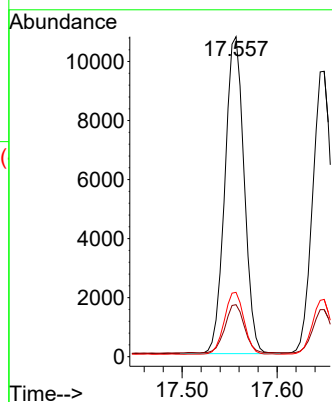
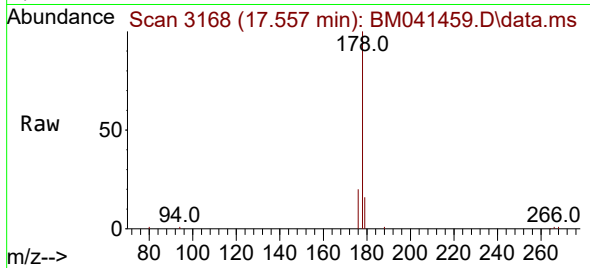




#15
Phenanthrene
Concen: 0.205 ng/ul
RT: 17.557 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BM041459.D
Acq: 24 Aug 2023 10:22

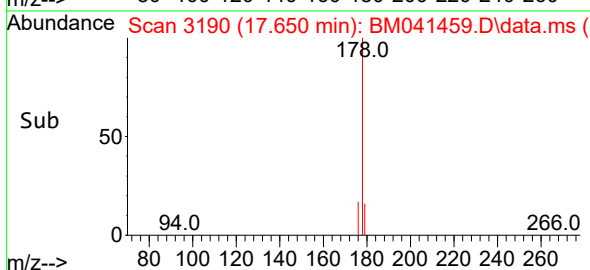
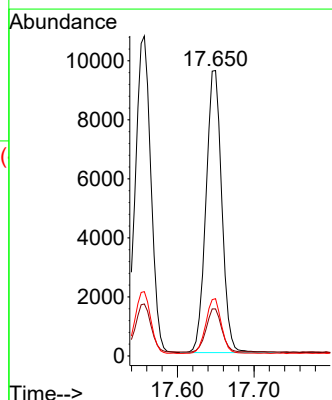
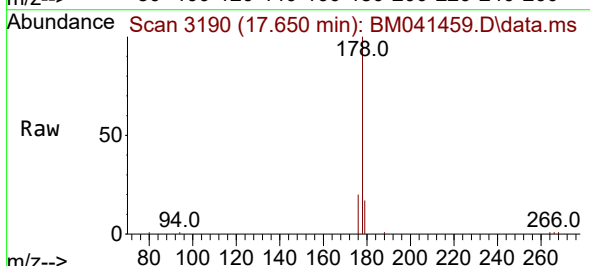
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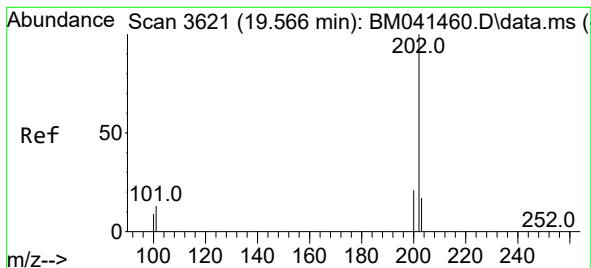
Tgt Ion:	178	Resp:	15189
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.5	18.7
176	20.1	15.8	23.8



#16
Anthracene
Concen: 0.203 ng/ul
RT: 17.650 min Scan# 3190
Delta R.T. 0.004 min
Lab File: BM041459.D
Acq: 24 Aug 2023 10:22

Tgt Ion:	178	Resp:	13676
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.6	18.8
176	20.1	15.5	23.3





#19

Fluoranthene

Concen: 0.190 ng/ul

RT: 19.566 min Scan# 3621

Delta R.T. 0.000 min

Lab File: BM041459.D

Acq: 24 Aug 2023 10:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.2044

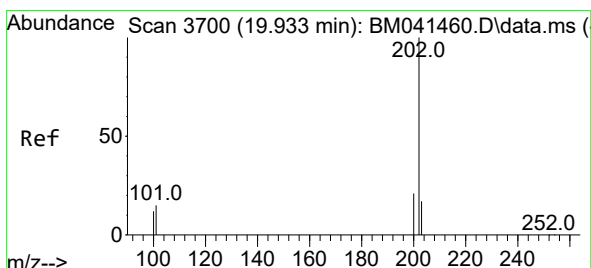
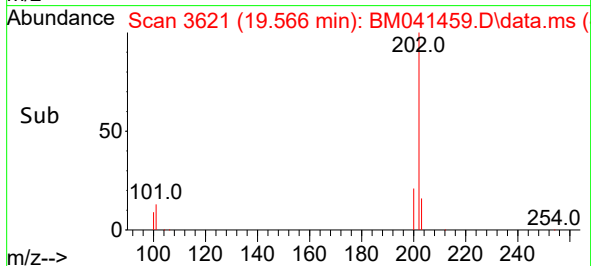
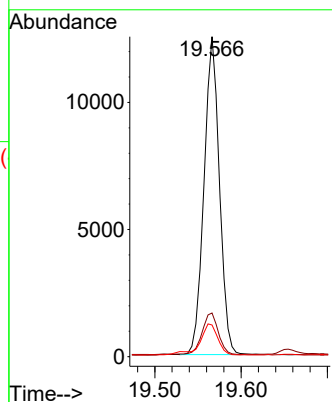
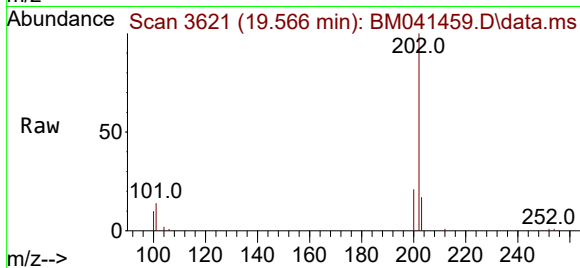
Tgt Ion:202 Resp: 15520

Ion Ratio Lower Upper

202 100

101 13.6 11.0 16.6

100 9.9 7.9 11.9



#20

Pyrene

Concen: 0.194 ng/ul

RT: 19.933 min Scan# 3700

Delta R.T. 0.000 min

Lab File: BM041459.D

Acq: 24 Aug 2023 10:22

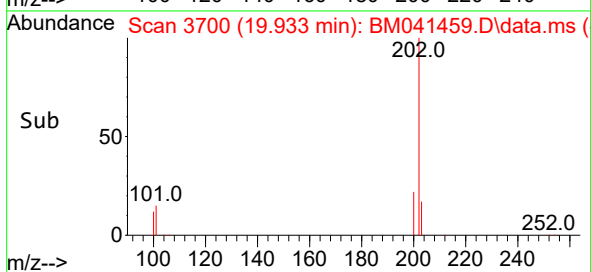
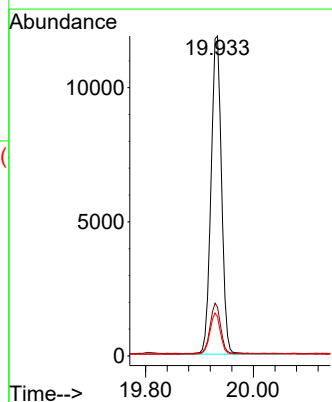
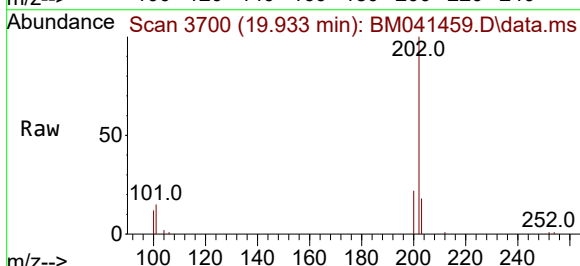
Tgt Ion:202 Resp: 16036

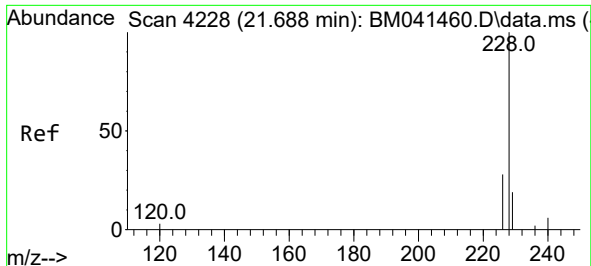
Ion Ratio Lower Upper

202 100

101 15.3 12.2 18.2

100 12.3 9.8 14.8

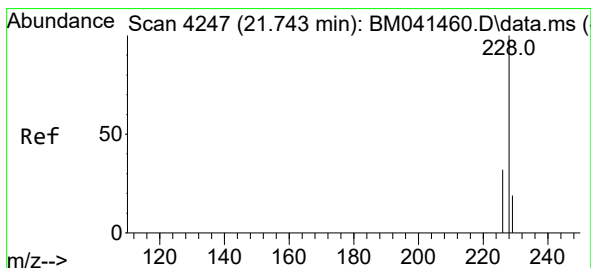
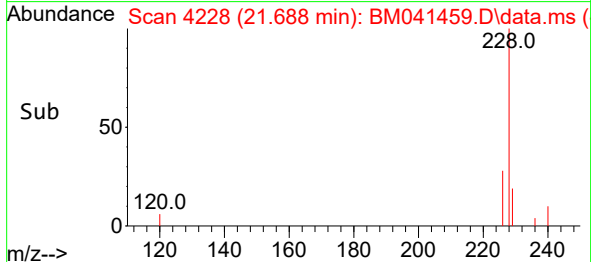
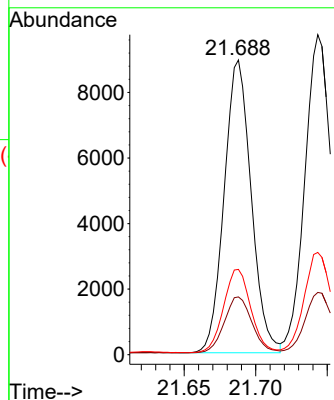
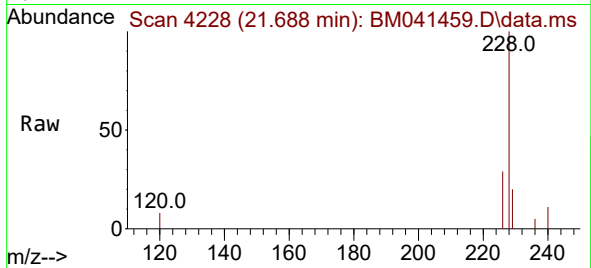




#21
Benzo(a)anthracene
Concen: 0.203 ng/ul
RT: 21.688 min Scan# 4228
Delta R.T. 0.000 min
Lab File: BM041459.D
Acq: 24 Aug 2023 10:22

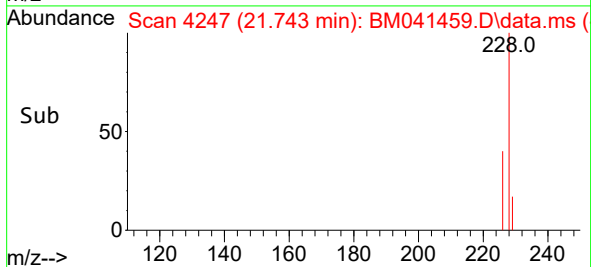
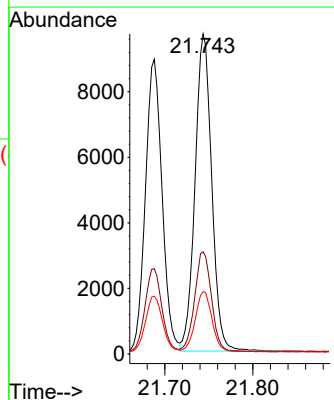
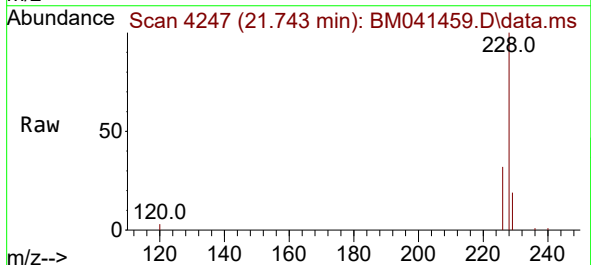
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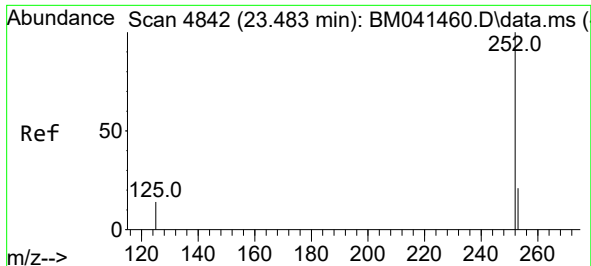
Tgt Ion:228 Resp: 11746
Ion Ratio Lower Upper
228 100
229 19.6 15.3 22.9
226 28.9 22.7 34.1



#22
Chrysene
Concen: 0.204 ng/ul
RT: 21.743 min Scan# 4247
Delta R.T. 0.000 min
Lab File: BM041459.D
Acq: 24 Aug 2023 10:22

Tgt Ion:228 Resp: 12755
Ion Ratio Lower Upper
228 100
226 31.9 25.6 38.4
229 19.5 15.7 23.5

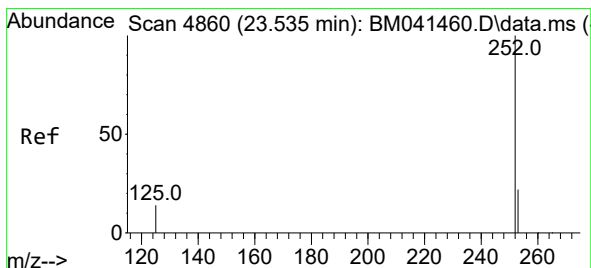
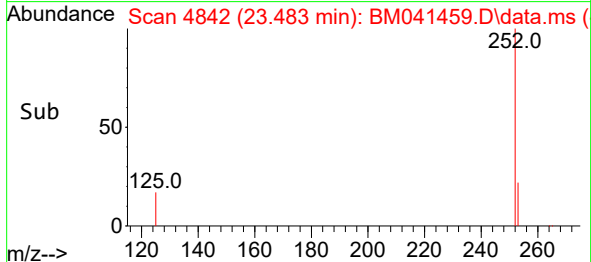
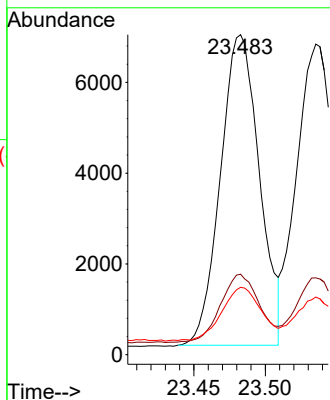
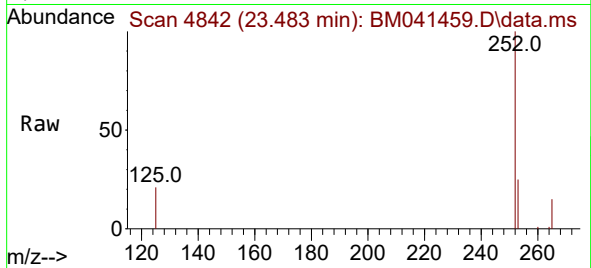




#24
Benzo(b)fluoranthene
Concen: 0.197 ng/ul
RT: 23.483 min Scan# 4842
Delta R.T. 0.000 min
Lab File: BM041459.D
Acq: 24 Aug 2023 10:22

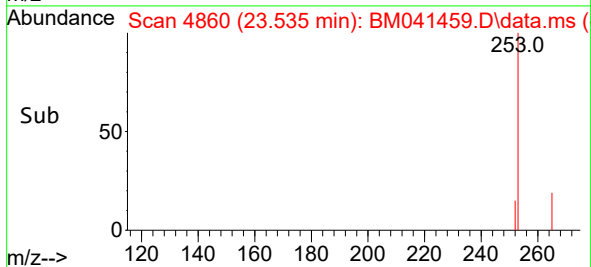
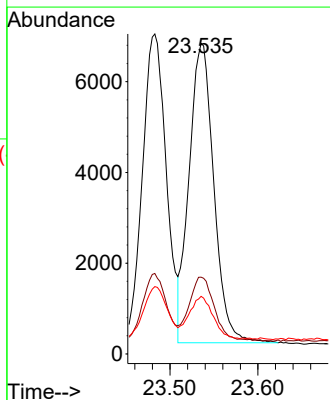
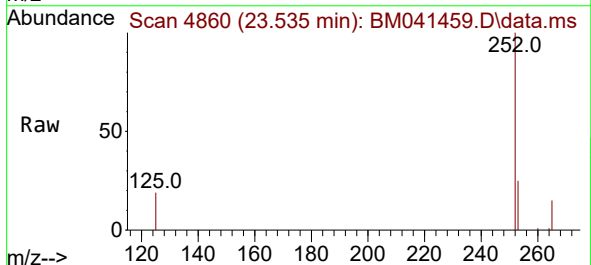
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

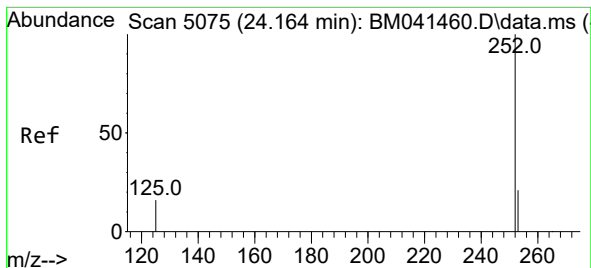
Tgt Ion:252 Resp: 13002
Ion Ratio Lower Upper
252 100
253 25.1 0.0 46.8
125 21.0 0.0 32.8



#25
Benzo(k)fluoranthene
Concen: 0.196 ng/ul
RT: 23.535 min Scan# 4860
Delta R.T. 0.000 min
Lab File: BM041459.D
Acq: 24 Aug 2023 10:22

Tgt Ion:252 Resp: 12926
Ion Ratio Lower Upper
252 100
253 24.8 19.1 28.7
125 18.5 13.4 20.0





#26

Benzo(a)pyrene

Concen: 0.196 ng/ul

RT: 24.164 min Scan# 5075

Delta R.T. 0.000 min

Lab File: BM041459.D

Acq: 24 Aug 2023 10:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.2044

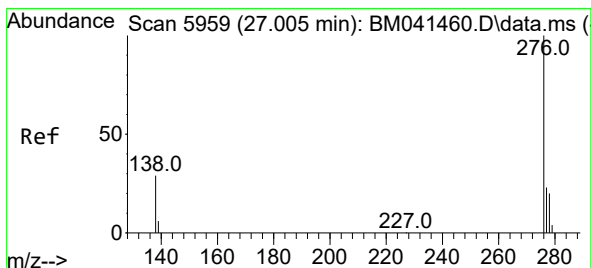
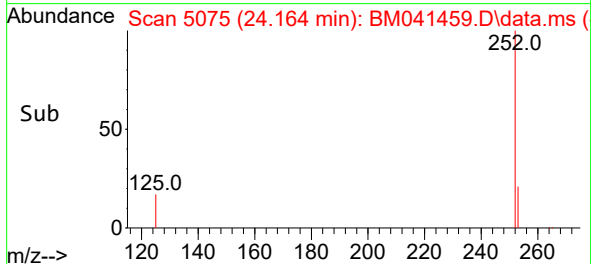
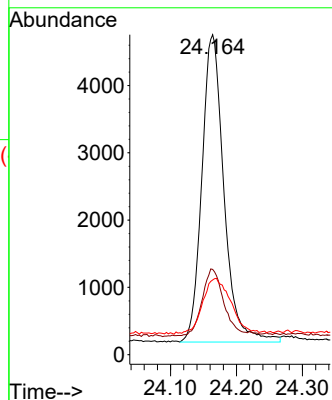
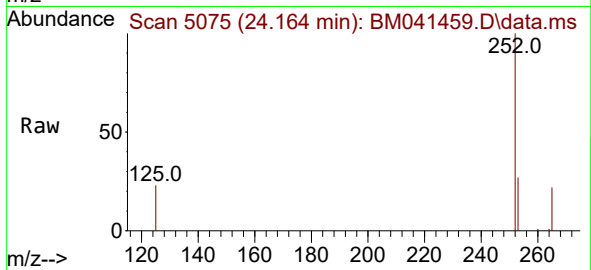
Tgt Ion:252 Resp: 10650

Ion Ratio Lower Upper

252 100

253 26.6 19.5 29.3

125 23.4 16.0 24.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.200 ng/ul

RT: 27.005 min Scan# 5959

Delta R.T. 0.000 min

Lab File: BM041459.D

Acq: 24 Aug 2023 10:22

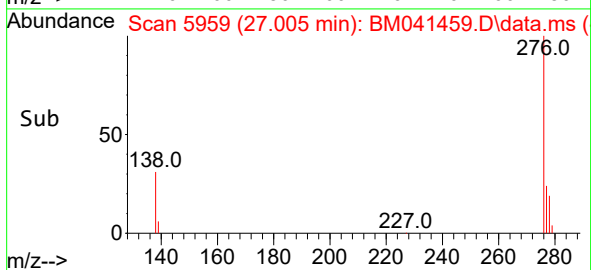
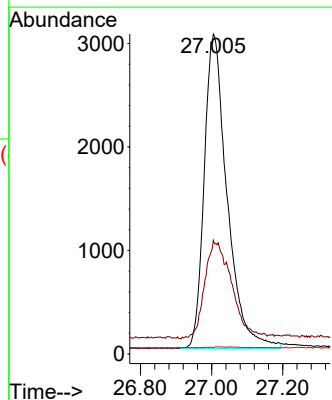
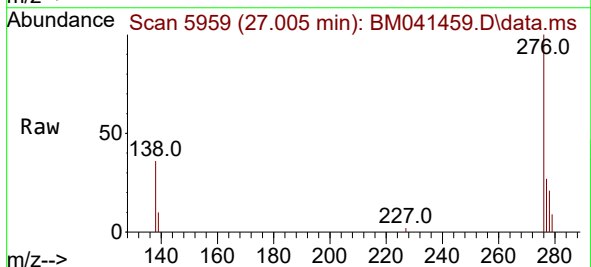
Tgt Ion:276 Resp: 13575

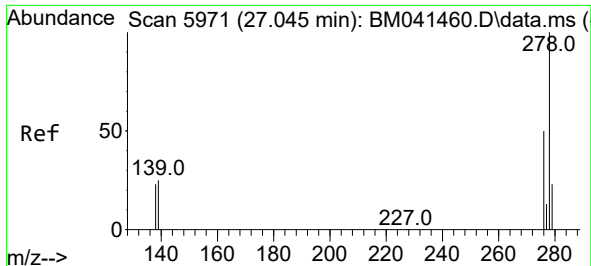
Ion Ratio Lower Upper

276 100

138 35.4 27.8 41.6

227 0.1 0.0 0.0#

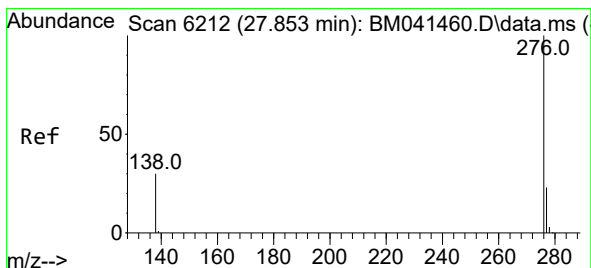
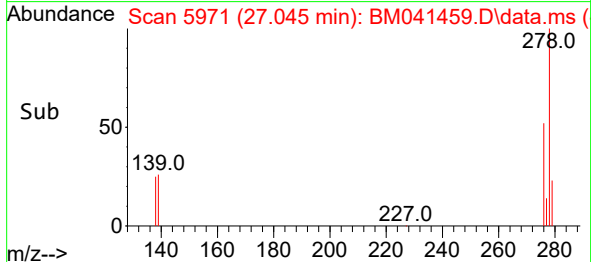
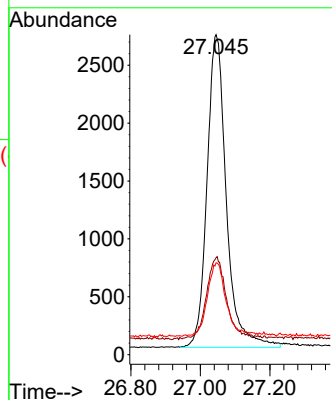
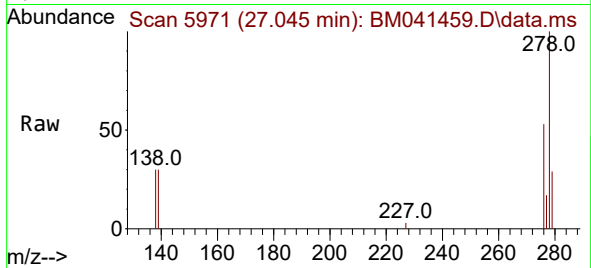




#28
 Dibenzo(a,h)anthracene
 Concen: 0.201 ng/ul
 RT: 27.045 min Scan# 5971
 Delta R.T. 0.000 min
 Lab File: BM041459.D
 Acq: 24 Aug 2023 10:22

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.2044

Tgt Ion: 278 Resp: 10443
 Ion Ratio Lower Upper
 278 100
 139 30.3 21.9 32.9
 279 28.7 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.202 ng/ul
 RT: 27.850 min Scan# 6211
 Delta R.T. -0.003 min
 Lab File: BM041459.D
 Acq: 24 Aug 2023 10:22

Tgt Ion: 276 Resp: 12050
 Ion Ratio Lower Upper
 276 100
 138 34.4 25.9 38.9
 277 25.8 19.4 29.2

