

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041586.D
 Acq On : 30 Aug 2023 20:00
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4063

Quant Time: Aug 31 02:18:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 30 01:50:06 2023
 Response via : Initial Calibration

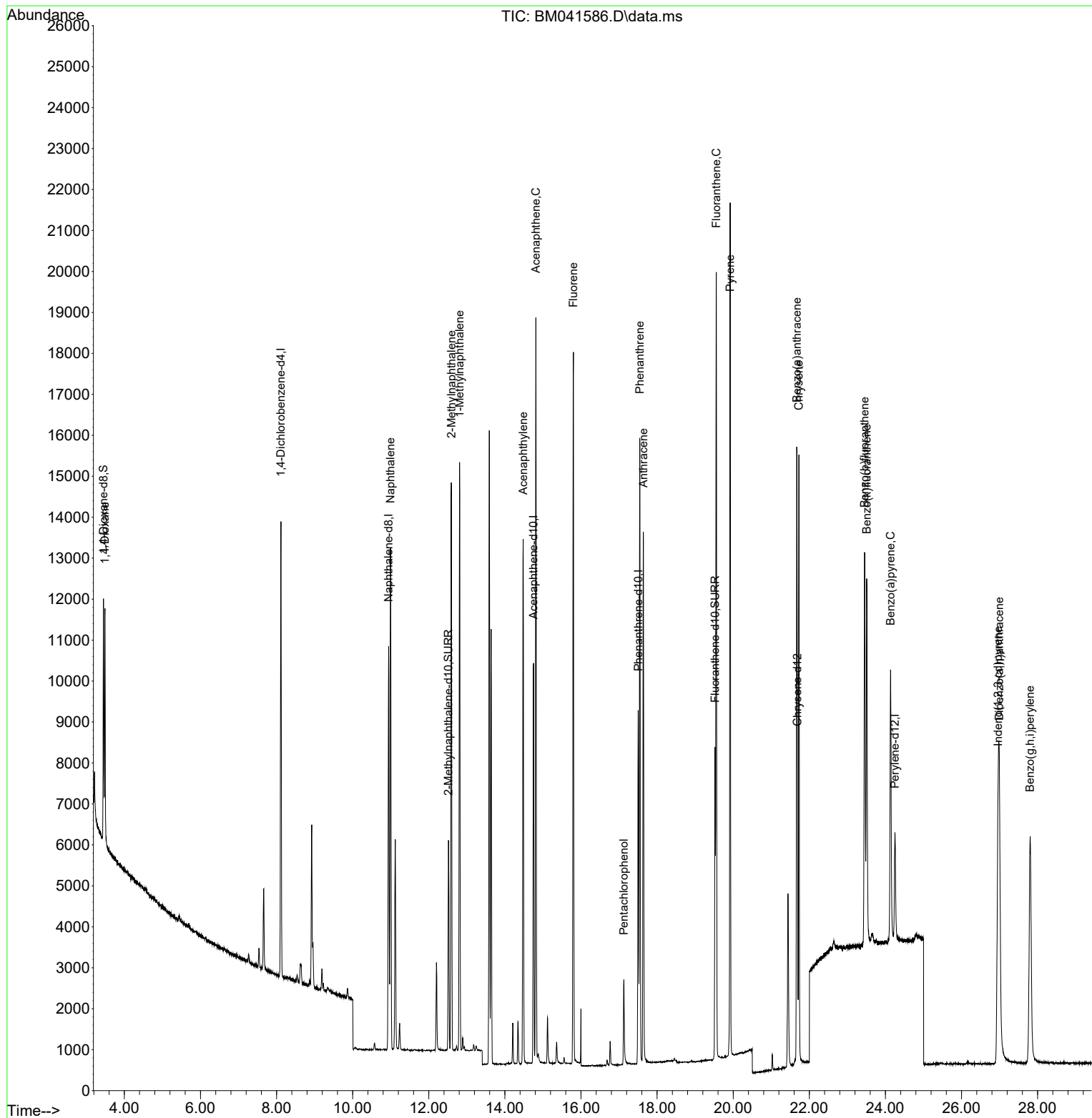
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	5456	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	12387	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	4906	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	9334	0.400	ng/ul	0.00
17) Chrysene-d12	21.688	240	3578	0.400	ng/ul	0.00
23) Perylene-d12	24.248	264	3774	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	3206	0.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	6235	0.417	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	6546	0.371	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.490	88	3376	0.393	ng/ul	92
5) Naphthalene	10.993	128	16556	0.418	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	9404	0.419	ng/ul	99
8) 1-Methylnaphthalene	12.808	142	9508	0.419	ng/ul	99
10) Acenaphthylene	14.481	152	14333	0.419	ng/ul	99
11) Acenaphthene	14.814	153	10004	0.424	ng/ul	98
12) Fluorene	15.799	166	10773	0.420	ng/ul	97
14) Pentachlorophenol	17.126	266	1557	0.434	ng/ul	98
15) Phenanthrene	17.544	178	16339	0.401	ng/ul	99
16) Anthracene	17.637	178	14385	0.406	ng/ul	99
19) Fluoranthene	19.557	202	16483	0.351	ng/ul	98
20) Pyrene	19.919	202	16913	0.358	ng/ul	99
21) Benzo(a)anthracene	21.670	228	12512	0.392	ng/ul	99
22) Chrysene	21.726	228	13036	0.380	ng/ul	99
24) Benzo(b)fluoranthene	23.453	252	13140	0.375	ng/ul	100
25) Benzo(k)fluoranthene	23.509	252	12729	0.382	ng/ul	98
26) Benzo(a)pyrene	24.134	252	11428	0.366	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.958	276	15118	0.362	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.994	278	10473	0.373	ng/ul	98
29) Benzo(g,h,i)perylene	27.803	276	13737	0.392	ng/ul	98

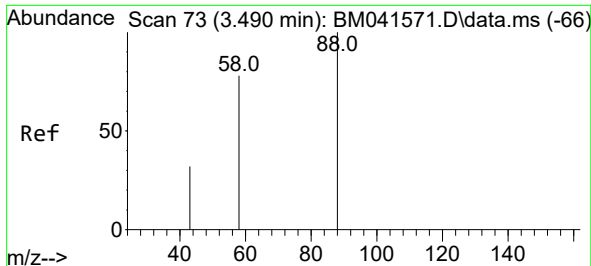
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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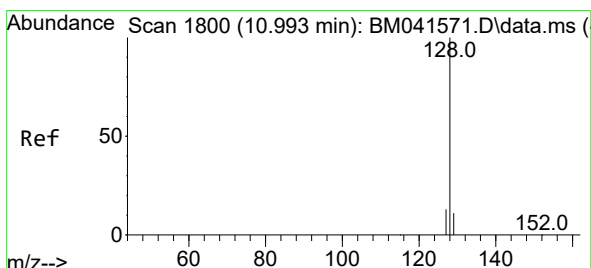
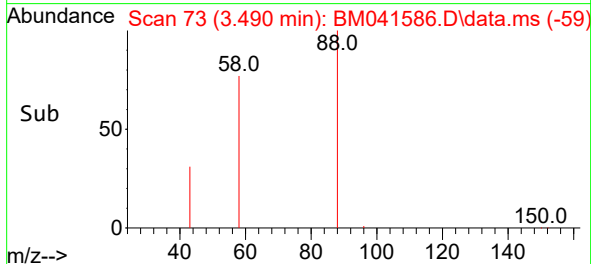
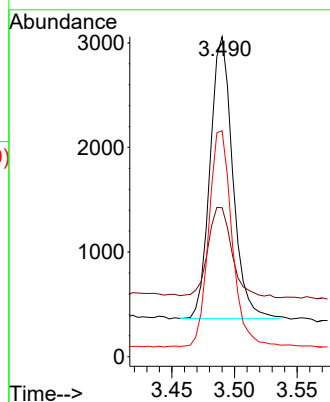
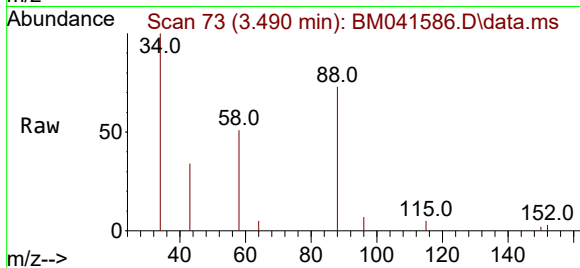




#2
1,4-Dioxane
Concen: 0.393 ng/ul
RT: 3.490 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041586.D
Acq: 30 Aug 2023 20:00

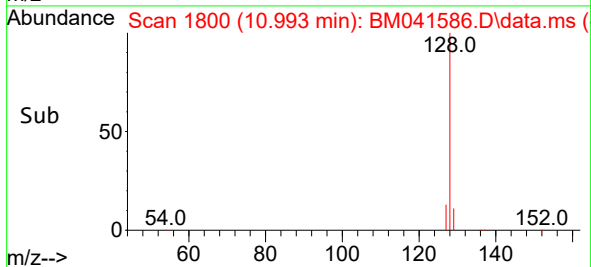
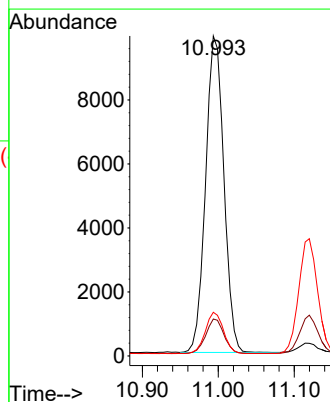
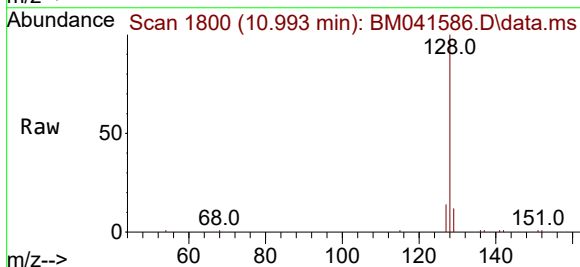
Instrument :
BNA_M
ClientSampleId :
SSTD0.4063

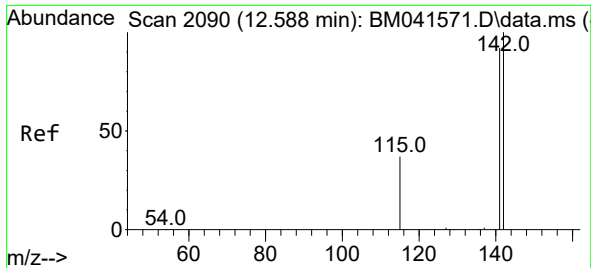
Tgt Ion: 88 Resp: 3376
Ion Ratio Lower Upper
88 100
43 46.6 46.2 69.2
58 70.6 58.1 87.1



#5
Naphthalene
Concen: 0.418 ng/ul
RT: 10.993 min Scan# 1800
Delta R.T. -0.005 min
Lab File: BM041586.D
Acq: 30 Aug 2023 20:00

Tgt Ion: 128 Resp: 16556
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.6 10.6 15.8

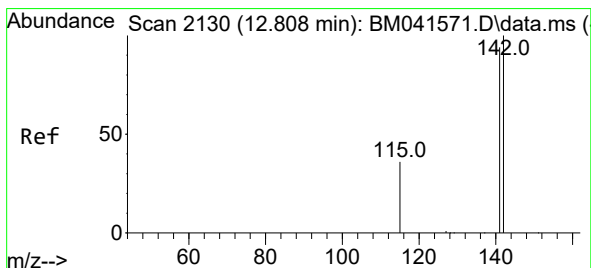
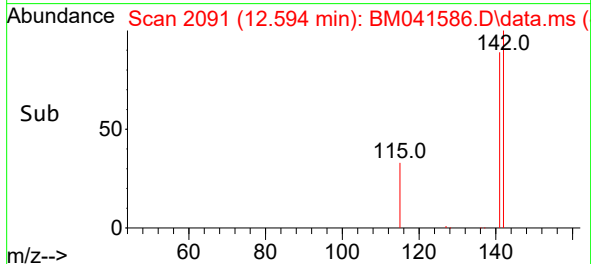
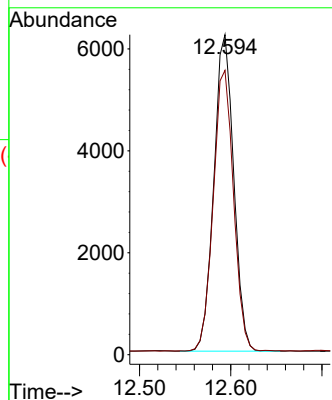
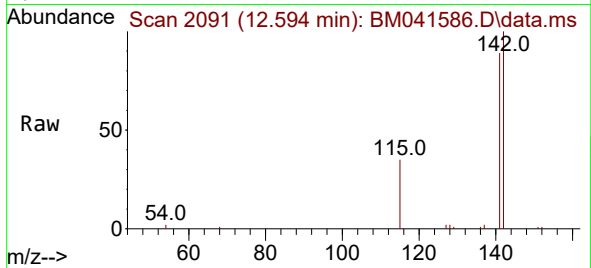




#7
2-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041586.D
Acq: 30 Aug 2023 20:00

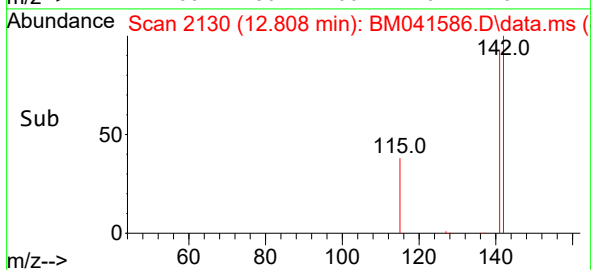
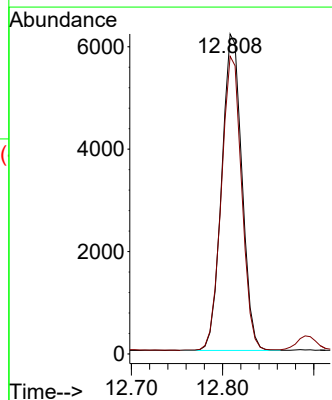
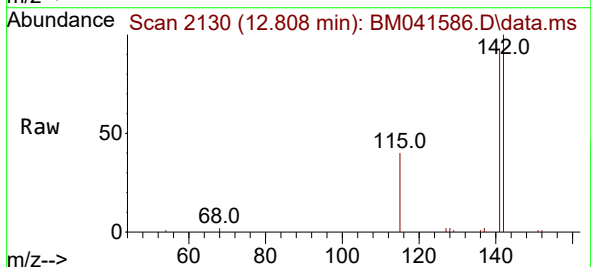
Instrument :
BNA_M
ClientSampleId :
SSTD0.4063

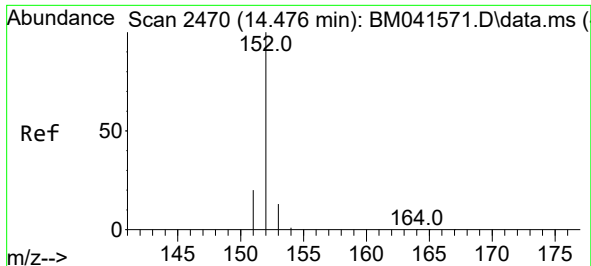
Tgt Ion:142 Resp: 9404
Ion Ratio Lower Upper
142 100
141 90.3 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.808 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BM041586.D
Acq: 30 Aug 2023 20:00

Tgt Ion:142 Resp: 9508
Ion Ratio Lower Upper
142 100
141 93.5 74.2 111.2

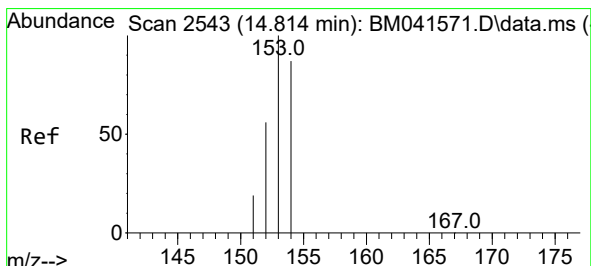
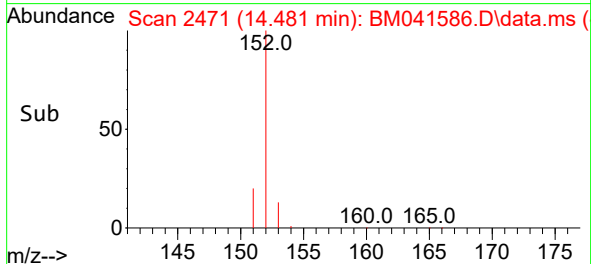
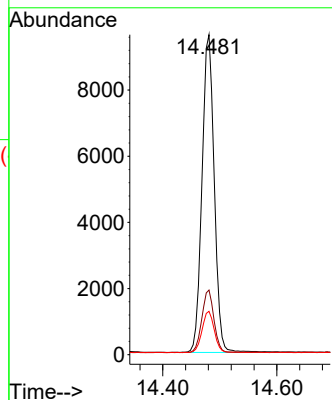
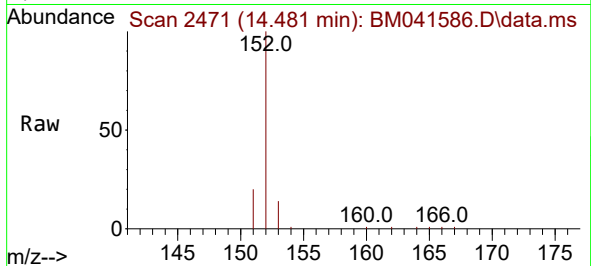




#10
Acenaphthylene
Concen: 0.419 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BM041586.D
Acq: 30 Aug 2023 20:00

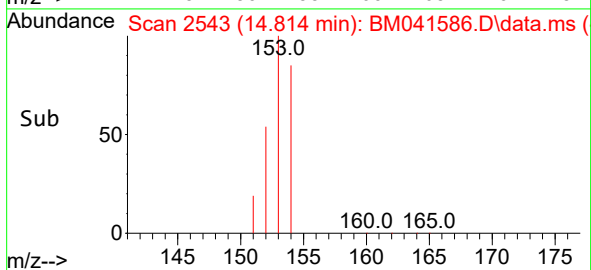
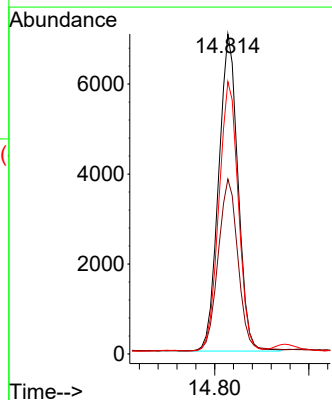
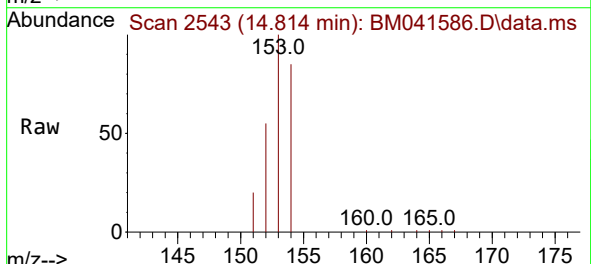
Instrument :
BNA_M
ClientSampleId :
SSTD0.4063

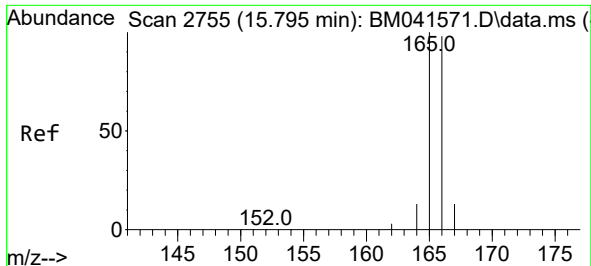
Tgt Ion:152 Resp: 14333
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.5 10.6 15.8



#11
Acenaphthene
Concen: 0.424 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. -0.005 min
Lab File: BM041586.D
Acq: 30 Aug 2023 20:00

Tgt Ion:153 Resp: 10004
Ion Ratio Lower Upper
153 100
152 54.7 43.4 65.2
154 85.1 70.2 105.2

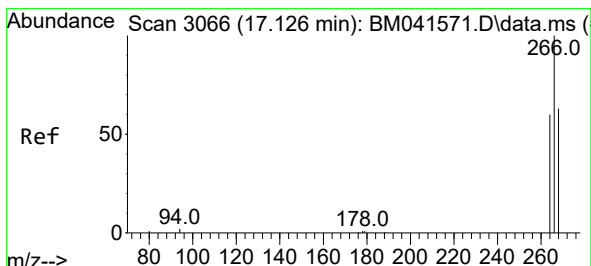
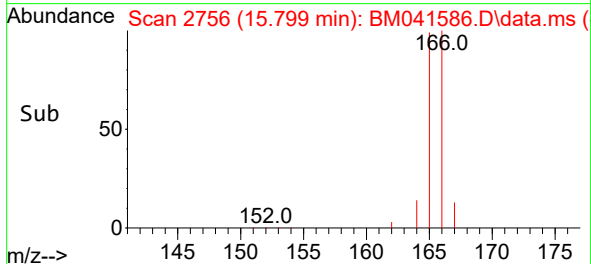
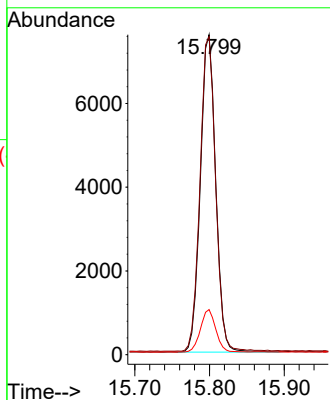
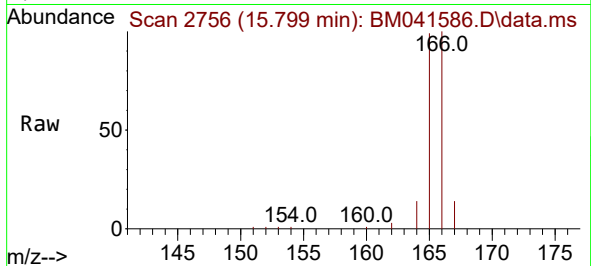




#12
 Fluorene
 Concen: 0.420 ng/ul
 RT: 15.799 min Scan# 2755
 Delta R.T. 0.000 min
 Lab File: BM041586.D
 Acq: 30 Aug 2023 20:00

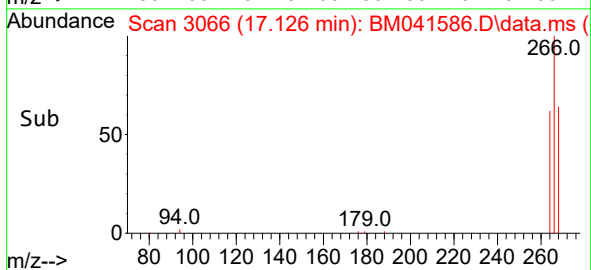
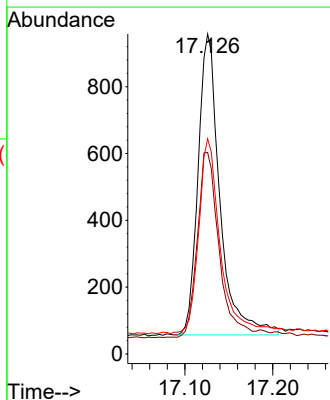
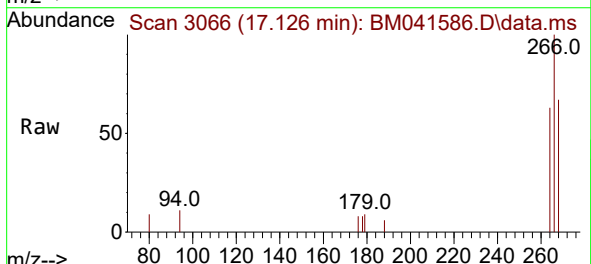
Instrument :
 BNA_M
 ClientSampleId :
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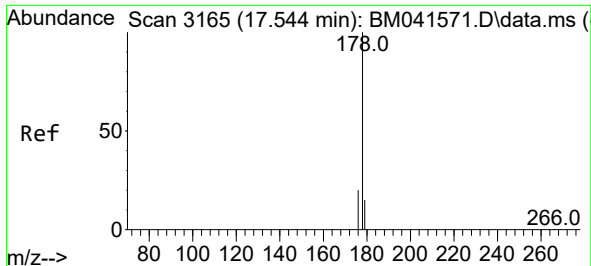
Tgt Ion:166	Resp:	10773
Ion Ratio	Lower	Upper
166	100	
165	99.4	82.2 123.2
167	14.1	11.5 17.3



#14
 Pentachlorophenol
 Concen: 0.434 ng/ul
 RT: 17.126 min Scan# 3066
 Delta R.T. 0.000 min
 Lab File: BM041586.D
 Acq: 30 Aug 2023 20:00

Tgt Ion:266	Resp:	1557
Ion Ratio	Lower	Upper
266	100	
264	63.3	49.3 73.9
268	64.4	50.2 75.4

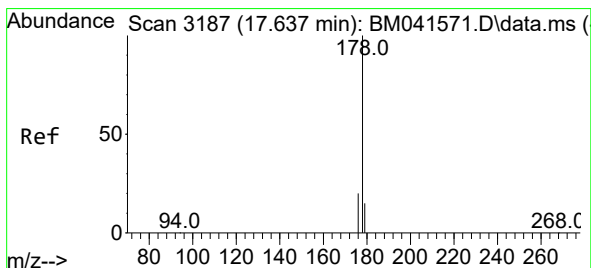
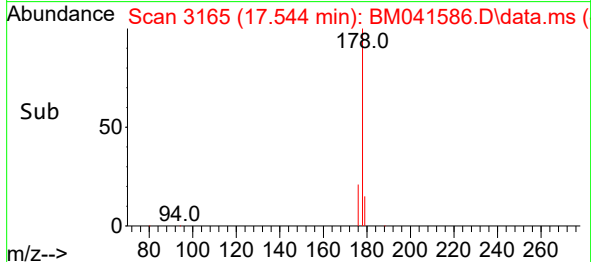
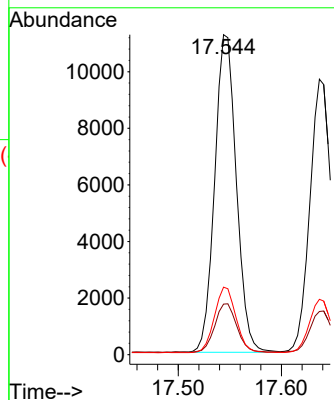
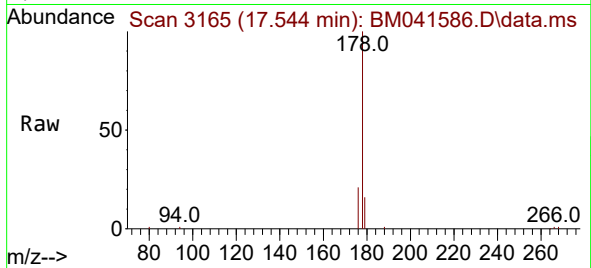




#15
Phenanthrene
Concen: 0.401 ng/ul
RT: 17.544 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM041586.D
Acq: 30 Aug 2023 20:00

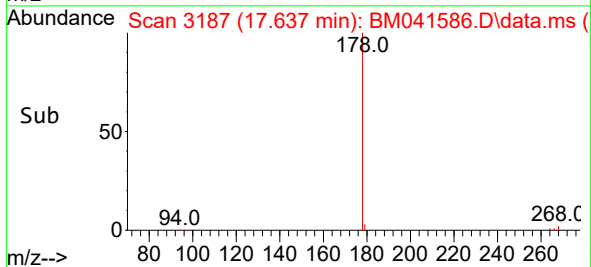
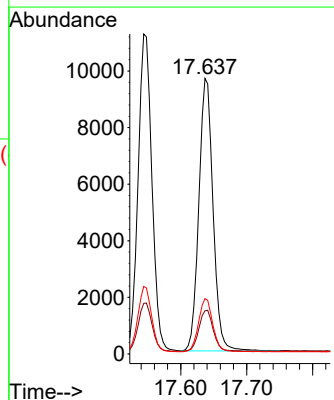
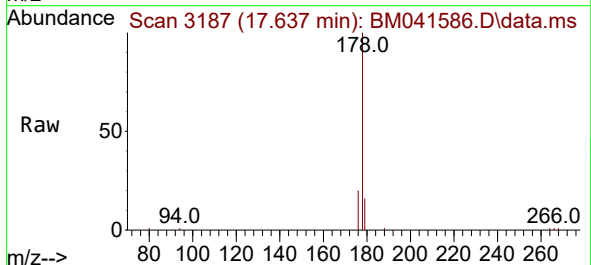
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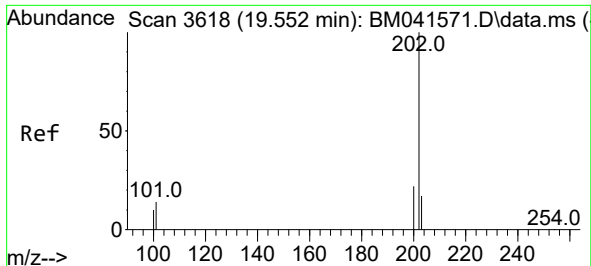
Tgt Ion:178 Resp: 16339
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 21.1 16.2 24.4



#16
Anthracene
Concen: 0.406 ng/ul
RT: 17.637 min Scan# 3187
Delta R.T. -0.004 min
Lab File: BM041586.D
Acq: 30 Aug 2023 20:00

Tgt Ion:178 Resp: 14385
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 20.1 15.6 23.4

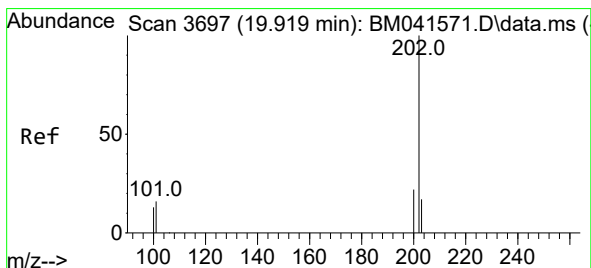
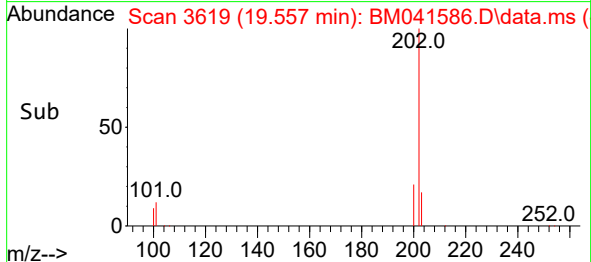
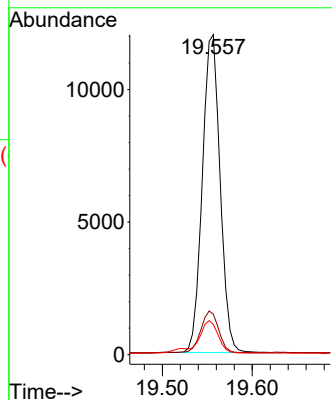
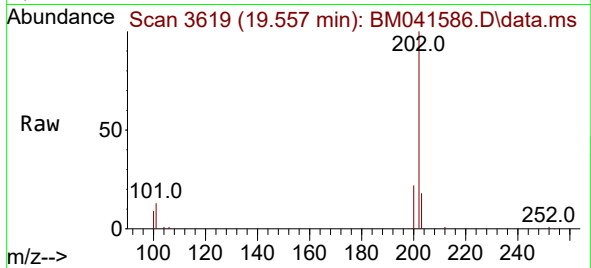




#19
Fluoranthene
Concen: 0.351 ng/ul
RT: 19.557 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BM041586.D
Acq: 30 Aug 2023 20:00

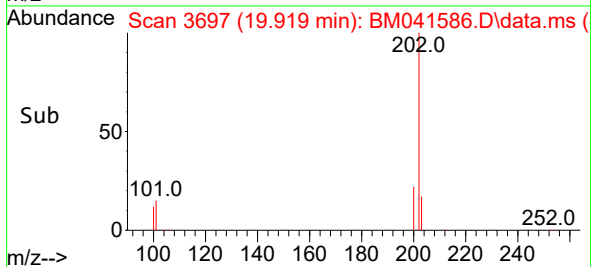
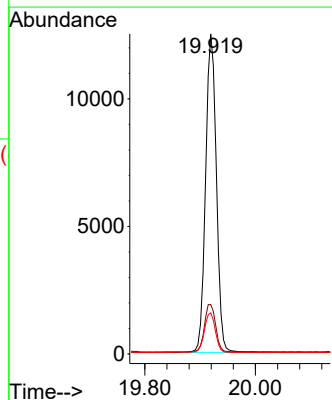
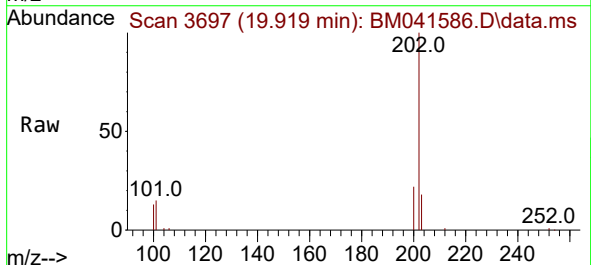
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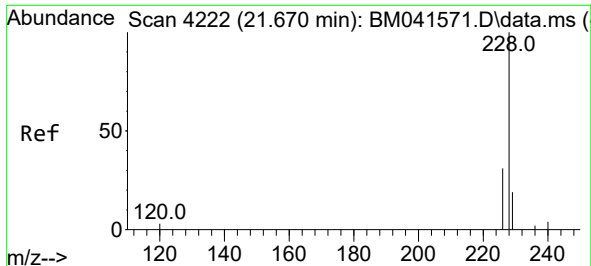
Tgt Ion:202 Resp: 16483
Ion Ratio Lower Upper
202 100
101 12.6 10.7 16.1
100 9.4 8.1 12.1



#20
Pyrene
Concen: 0.358 ng/ul
RT: 19.919 min Scan# 3697
Delta R.T. -0.005 min
Lab File: BM041586.D
Acq: 30 Aug 2023 20:00

Tgt Ion:202 Resp: 16913
Ion Ratio Lower Upper
202 100
101 15.4 12.2 18.4
100 12.9 9.8 14.8

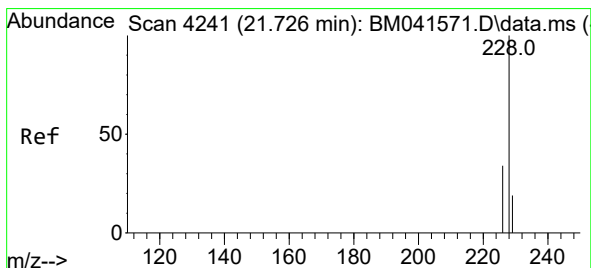
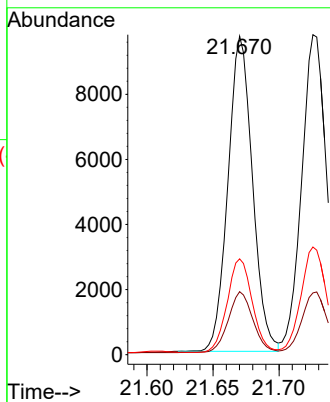
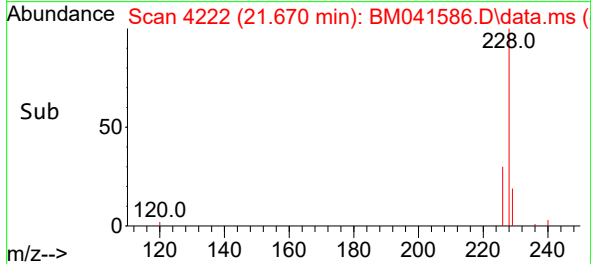
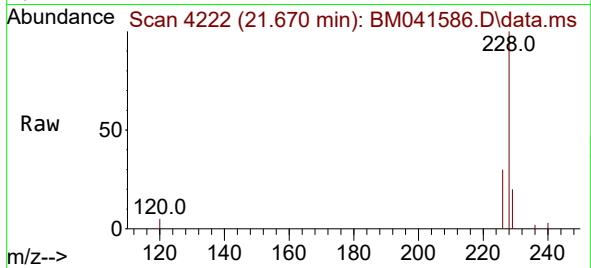




#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.670 min Scan# 4222
Delta R.T. 0.000 min
Lab File: BM041586.D
Acq: 30 Aug 2023 20:00

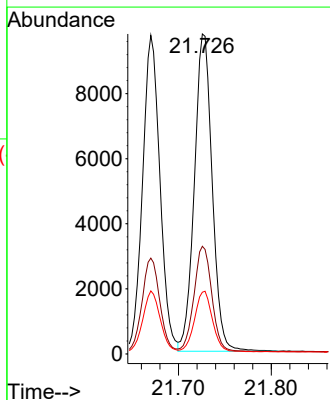
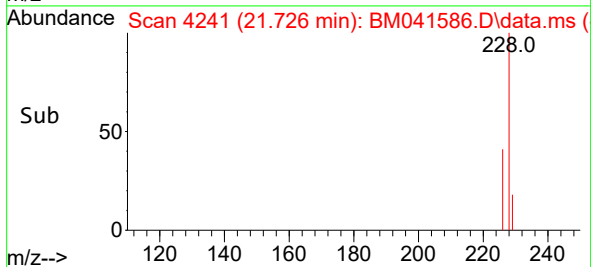
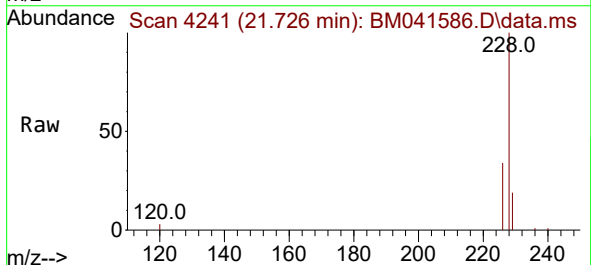
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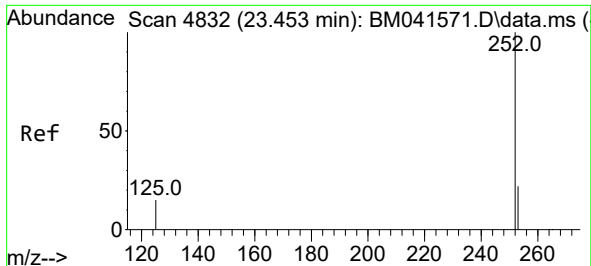
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Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 30.1 25.0 37.4



#22
Chrysene
Concen: 0.380 ng/ul
RT: 21.726 min Scan# 4241
Delta R.T. -0.003 min
Lab File: BM041586.D
Acq: 30 Aug 2023 20:00

Tgt Ion:228 Resp: 13036
Ion Ratio Lower Upper
228 100
226 33.6 26.7 40.1
229 19.3 15.9 23.9

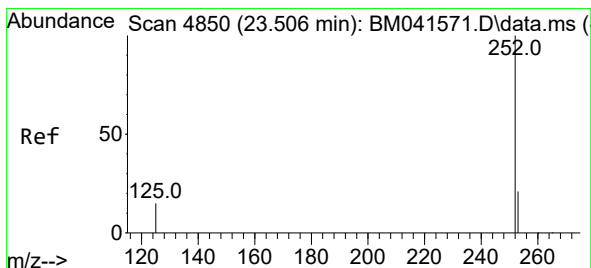
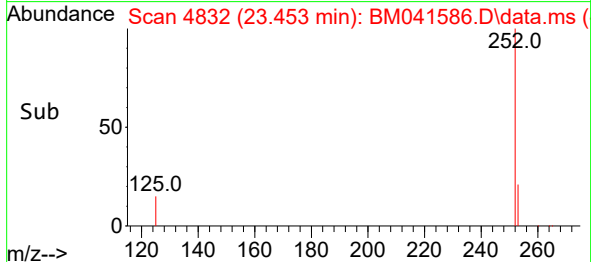
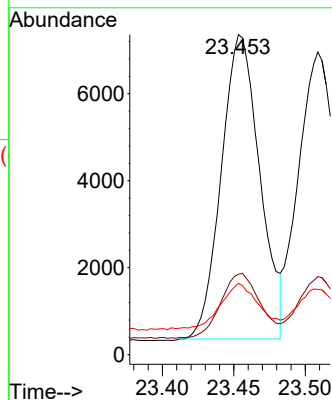
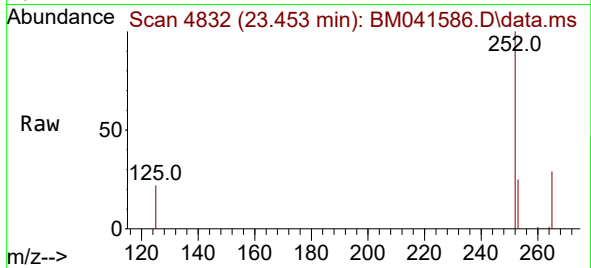




#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.453 min Scan# 4832
Delta R.T. -0.006 min
Lab File: BM041586.D
Acq: 30 Aug 2023 20:00

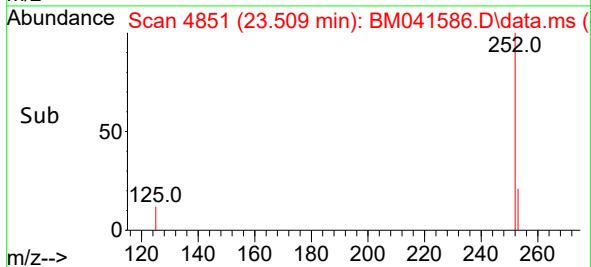
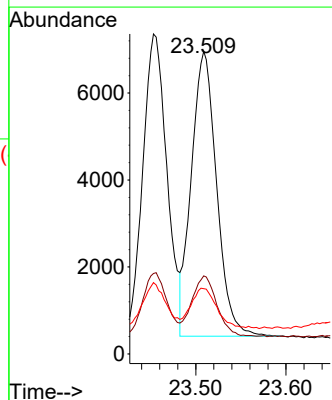
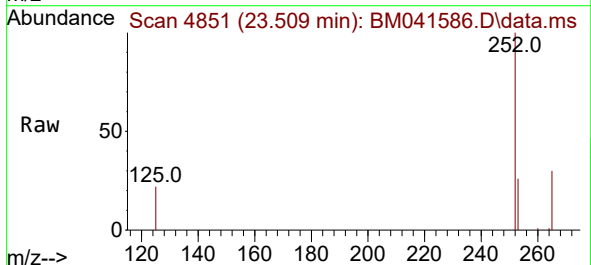
Instrument :
BNA_M
ClientSampleId :
SSTD0.4063

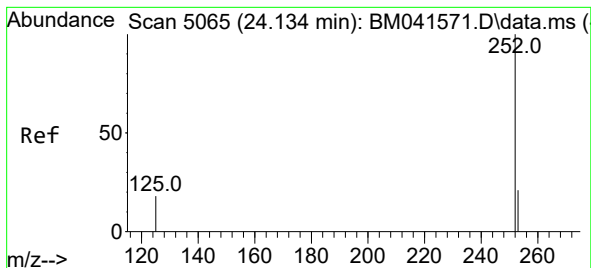
Tgt Ion:252 Resp: 13140
Ion Ratio Lower Upper
252 100
253 25.2 0.0 50.0
125 22.3 0.0 44.0



#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 23.509 min Scan# 4851
Delta R.T. -0.003 min
Lab File: BM041586.D
Acq: 30 Aug 2023 20:00

Tgt Ion:252 Resp: 12729
Ion Ratio Lower Upper
252 100
253 25.8 20.2 30.4
125 21.6 18.2 27.4





#26

Benzo(a)pyrene

Concen: 0.366 ng/ul

RT: 24.134 min Scan# 5065

Delta R.T. -0.003 min

Lab File: BM041586.D

Acq: 30 Aug 2023 20:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.4063

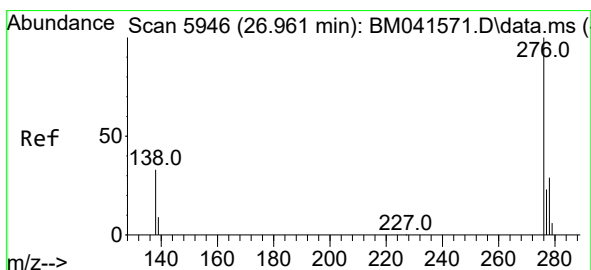
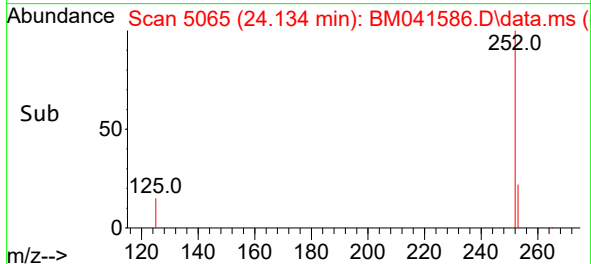
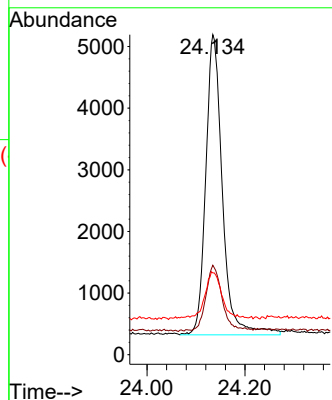
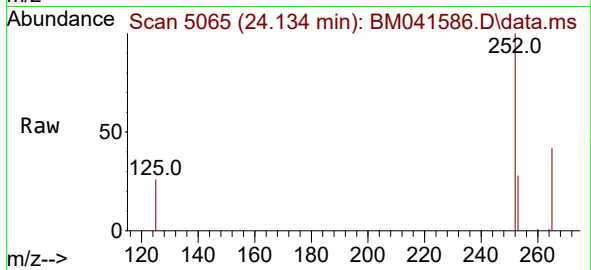
Tgt Ion:252 Resp: 11428

Ion Ratio Lower Upper

252 100

253 28.0 20.9 31.3

125 25.6 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.362 ng/ul

RT: 26.958 min Scan# 5945

Delta R.T. -0.007 min

Lab File: BM041586.D

Acq: 30 Aug 2023 20:00

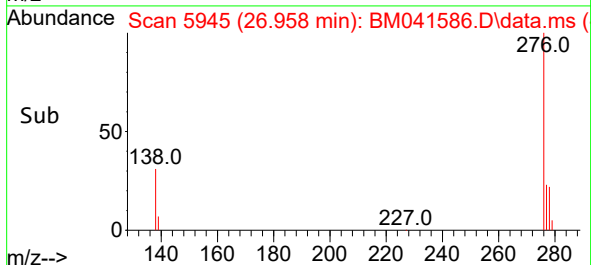
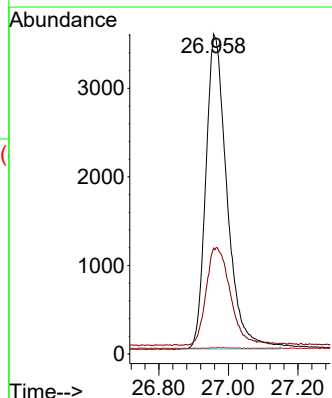
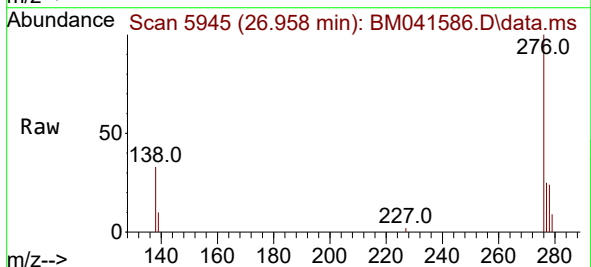
Tgt Ion:276 Resp: 15118

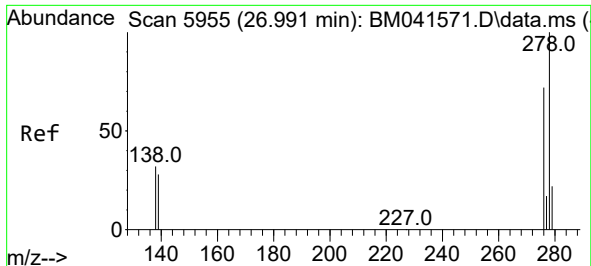
Ion Ratio Lower Upper

276 100

138 35.2 30.3 45.5

227 0.0 0.1 0.1#

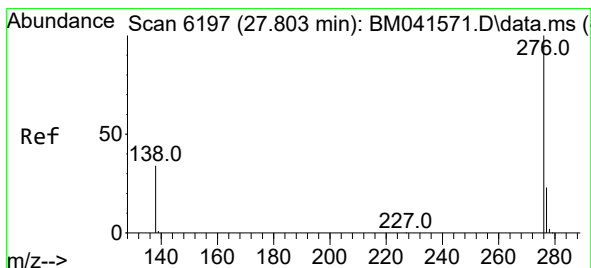
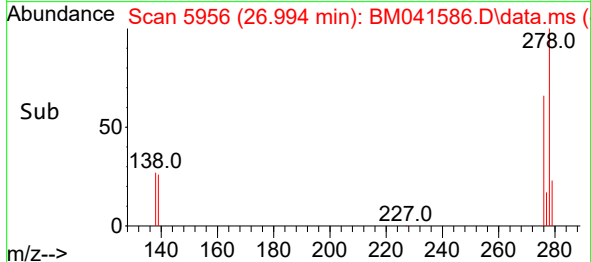
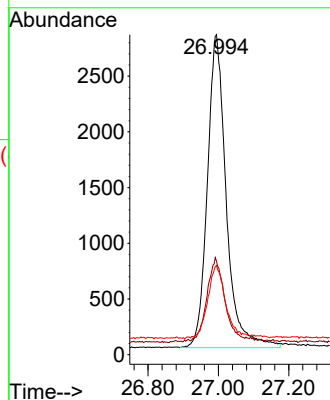
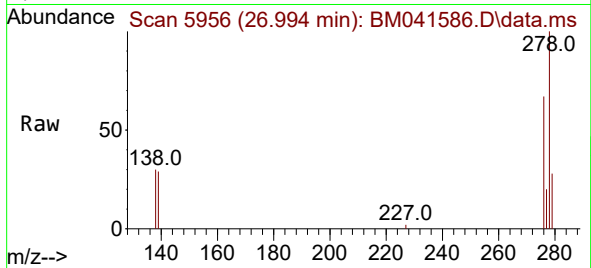




#28
Dibenzo(a,h)anthracene
Concen: 0.373 ng/ul
RT: 26.994 min Scan# 5955
Delta R.T. 0.000 min
Lab File: BM041586.D
Acq: 30 Aug 2023 20:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.4063

Tgt Ion:278 Resp: 10473
Ion Ratio Lower Upper
278 100
139 29.2 25.0 37.4
279 27.9 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.392 ng/ul
RT: 27.803 min Scan# 6197
Delta R.T. -0.003 min
Lab File: BM041586.D
Acq: 30 Aug 2023 20:00

Tgt Ion:276 Resp: 13737
Ion Ratio Lower Upper
276 100
138 32.7 27.4 41.0
277 25.0 20.4 30.6

