

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092424\
 Data File : BM047617.D
 Acq On : 24 Sep 2024 19:07
 Operator : RC/JU
 Sample : SSTD1.691
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6012

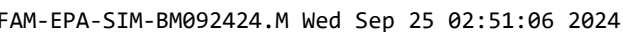
Quant Time: Sep 25 02:51:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 02:35:09 2024
 Response via : Initial Calibration

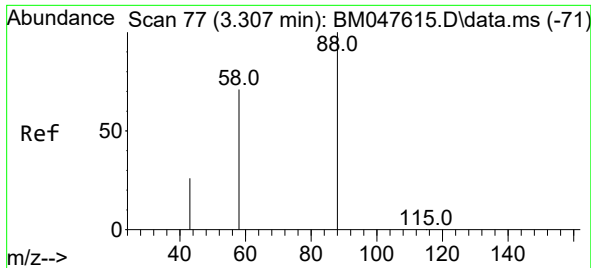
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	8064	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	23719	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.460	164	11489	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	21207	0.400	ng/ul	0.00
17) Chrysene-d12	21.359	240	17264	0.400	ng/ul	0.00
23) Perylene-d12	23.639	264	18302	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	15936	1.960	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	50386	1.423	ng/ul	0.00
18) Fluoranthene-d10	19.216	212	79431	1.592	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.307	88	18494	2.036	ng/ul#	86
5) Naphthalene	10.672	128	100226	1.618	ng/ul	98
7) 2-Methylnaphthalene	12.289	142	60240	1.489	ng/ul	100
8) 1-Methylnaphthalene	12.504	142	62400	1.476	ng/ul	100
10) Acenaphthylene	14.183	152	87157	1.636	ng/ul	100
11) Acenaphthene	14.525	153	59962	1.653	ng/ul	100
12) Fluorene	15.506	166	66067	1.565	ng/ul	99
14) Pentachlorophenol	16.850	266	9167	1.356	ng/ul	99
15) Phenanthrene	17.238	178	98057	1.605	ng/ul	99
16) Anthracene	17.327	178	89572	1.643	ng/ul	99
19) Fluoranthene	19.248	202	106808	1.526	ng/ul	98
20) Pyrene	19.606	202	111237	1.519	ng/ul	100
21) Benzo(a)anthracene	21.344	228	98700	1.557	ng/ul	100
22) Chrysene	21.394	228	97075	1.443	ng/ul	99
24) Benzo(b)fluoranthene	22.952	252	108762	1.496	ng/ul	91
25) Benzo(k)fluoranthene	22.998	252	107644	1.416	ng/ul#	91
26) Benzo(a)pyrene	23.542	252	90093	1.569	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.963	276	141843	1.625	ng/ul	100
28) Dibenzo(a,h)anthracene	25.977	278	108875	1.604	ng/ul	96
29) Benzo(g,h,i)perylene	26.674	276	112860	1.561	ng/ul	98

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

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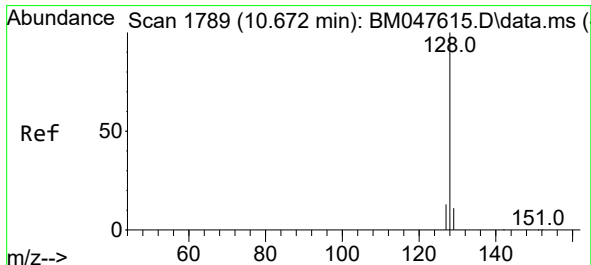
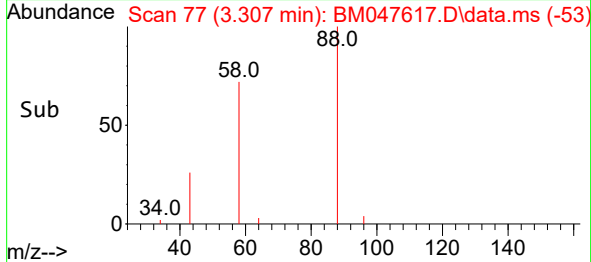
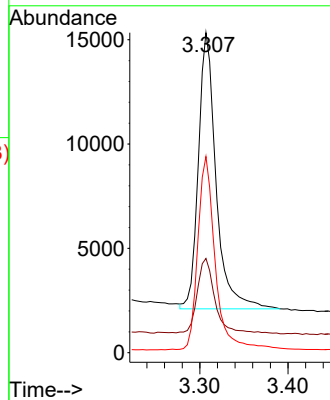
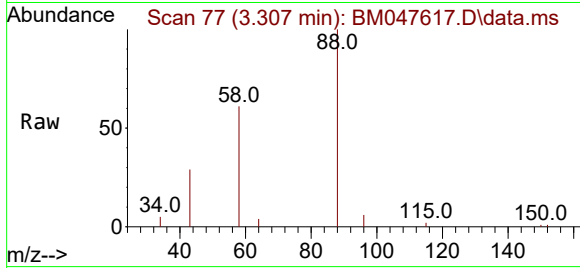




#2
1,4-Dioxane
Concen: 2.036 ng/ul
RT: 3.307 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM047617.D
Acq: 24 Sep 2024 19:07

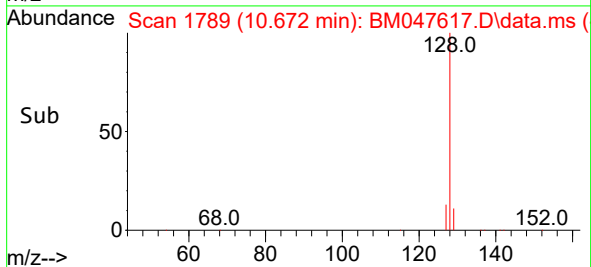
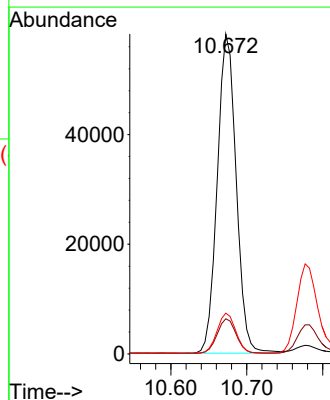
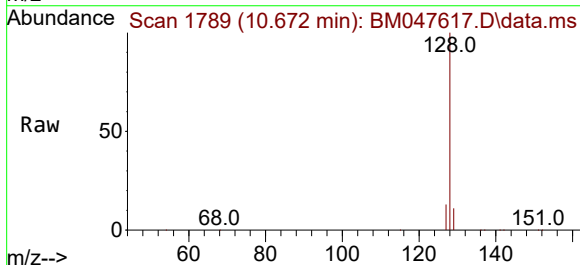
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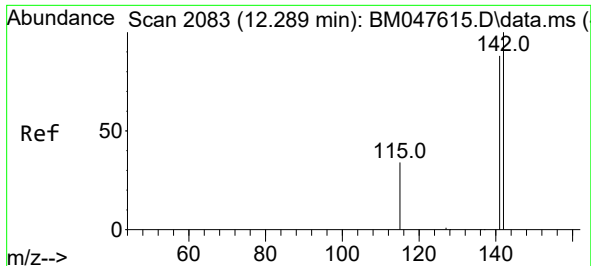
Tgt Ion: 88 Resp: 18494
Ion Ratio Lower Upper
88 100
43 29.4 30.4 45.6#
58 61.3 41.7 62.5



#5
Naphthalene
Concen: 1.618 ng/ul
RT: 10.672 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM047617.D
Acq: 24 Sep 2024 19:07

Tgt Ion: 128 Resp: 100226
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 12.8 10.6 16.0

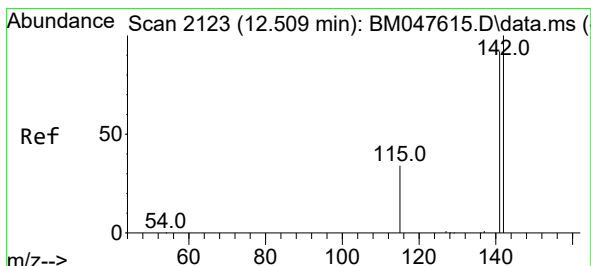
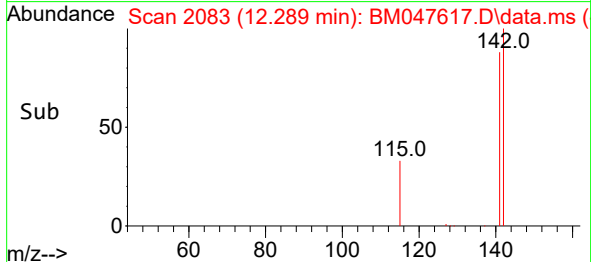
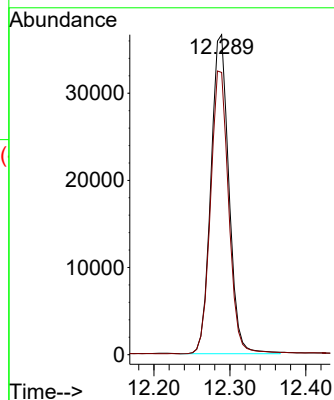
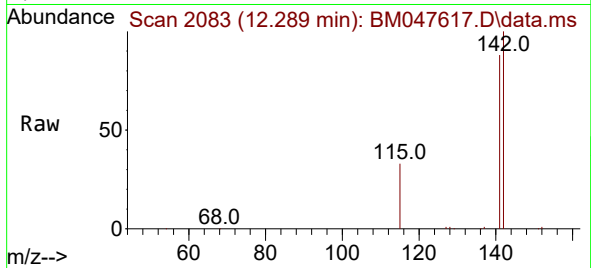




#7
2-Methylnaphthalene
Concen: 1.489 ng/ul
RT: 12.289 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM047617.D
Acq: 24 Sep 2024 19:07

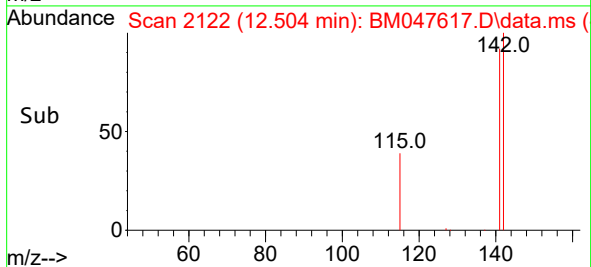
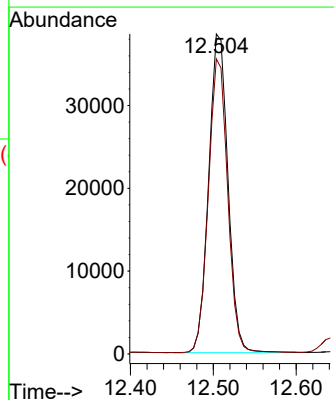
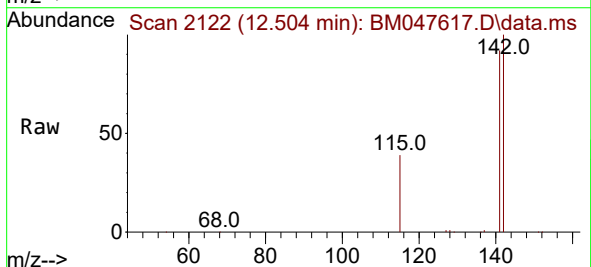
Instrument :
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ClientSampleId :
SSTD1.6012

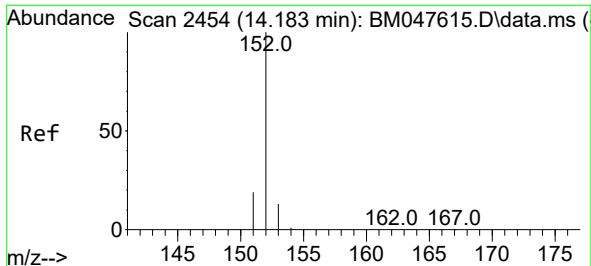
Tgt Ion:142 Resp: 60240
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9



#8
1-Methylnaphthalene
Concen: 1.476 ng/ul
RT: 12.504 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BM047617.D
Acq: 24 Sep 2024 19:07

Tgt Ion:142 Resp: 62400
Ion Ratio Lower Upper
142 100
141 91.9 73.9 110.9

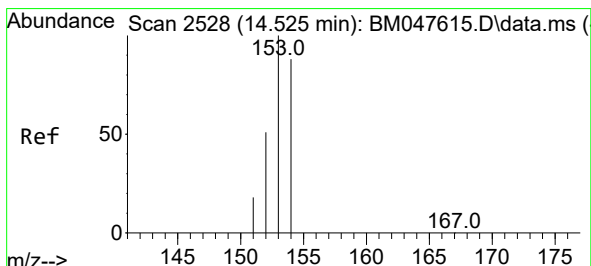
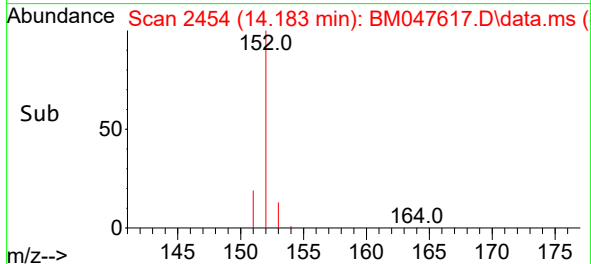
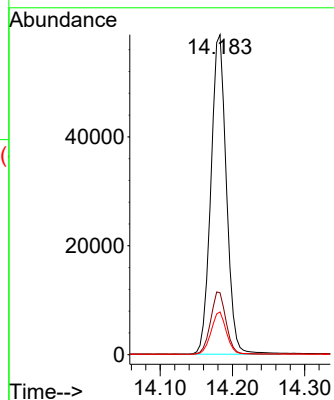
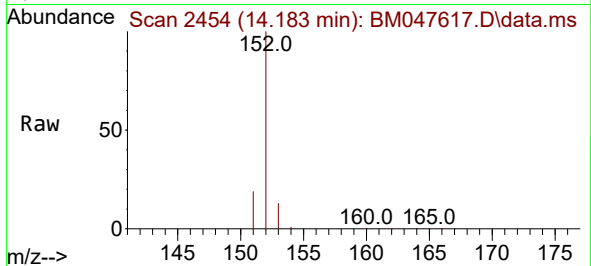




#10
Acenaphthylene
Concen: 1.636 ng/ul
RT: 14.183 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BM047617.D
Acq: 24 Sep 2024 19:07

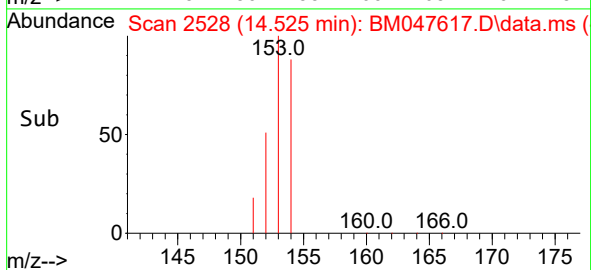
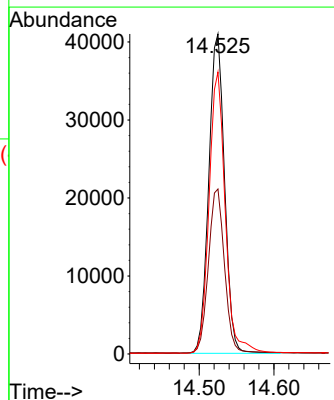
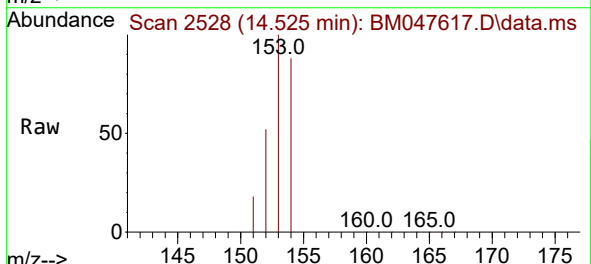
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BNA_M
ClientSampleId :
SSTD1.6012

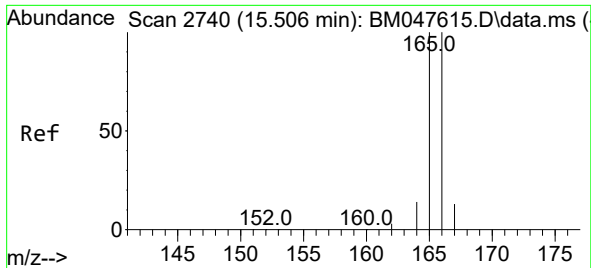
Tgt Ion:152 Resp: 87157
Ion Ratio Lower Upper
152 100
151 19.4 15.6 23.4
153 13.3 10.7 16.1



#11
Acenaphthene
Concen: 1.653 ng/ul
RT: 14.525 min Scan# 2528
Delta R.T. -0.000 min
Lab File: BM047617.D
Acq: 24 Sep 2024 19:07

Tgt Ion:153 Resp: 59962
Ion Ratio Lower Upper
153 100
152 51.5 41.4 62.2
154 88.1 70.3 105.5

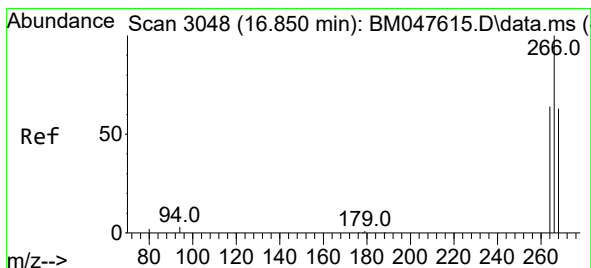
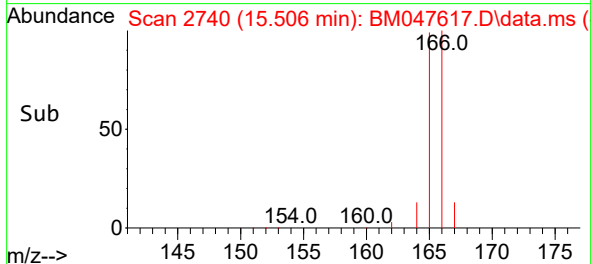
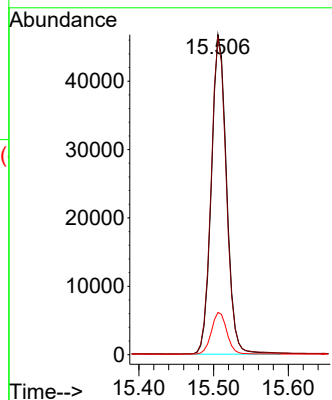
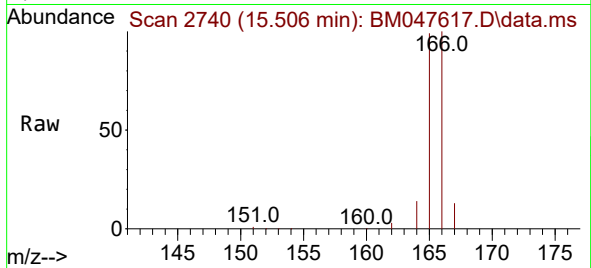




#12
 Fluorene
 Concen: 1.565 ng/ul
 RT: 15.506 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047617.D
 Acq: 24 Sep 2024 19:07

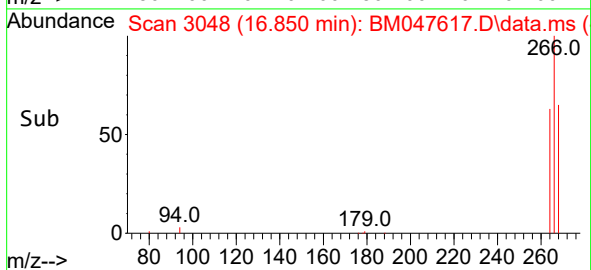
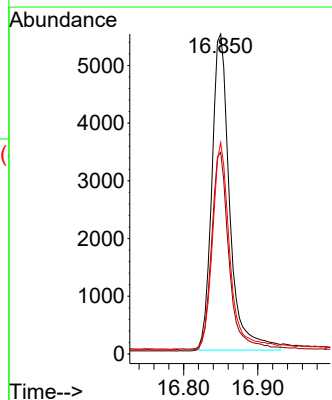
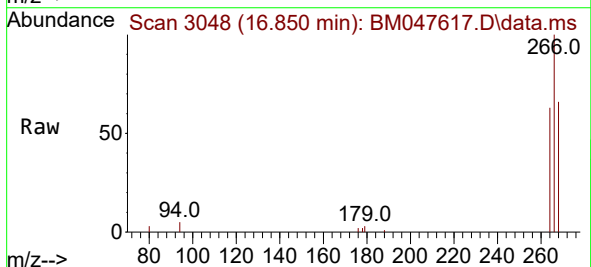
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 SSTD1.6012

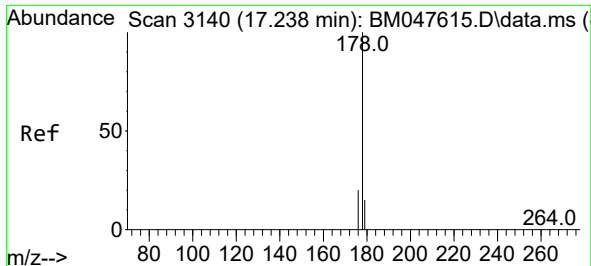
Tgt Ion:166 Resp: 66067
 Ion Ratio Lower Upper
 166 100
 165 99.0 80.2 120.4
 167 13.2 11.0 16.4



#14
 Pentachlorophenol
 Concen: 1.356 ng/ul
 RT: 16.850 min Scan# 3048
 Delta R.T. -0.000 min
 Lab File: BM047617.D
 Acq: 24 Sep 2024 19:07

Tgt Ion:266 Resp: 9167
 Ion Ratio Lower Upper
 266 100
 264 62.7 50.3 75.5
 268 63.9 52.2 78.4

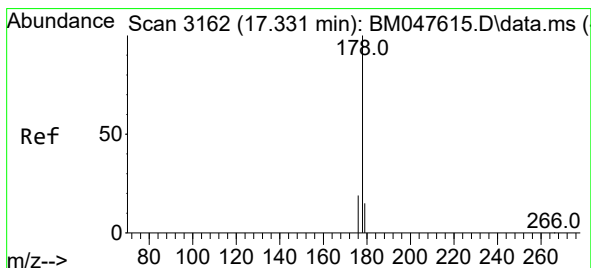
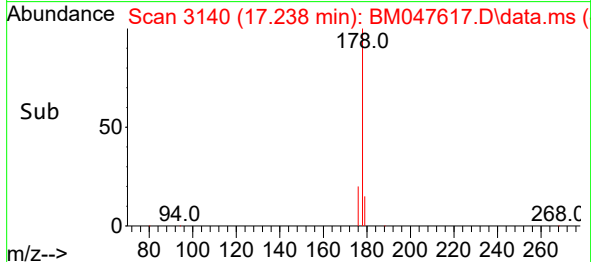
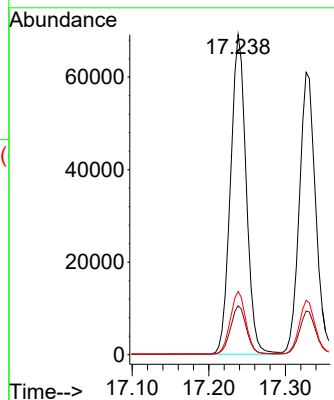
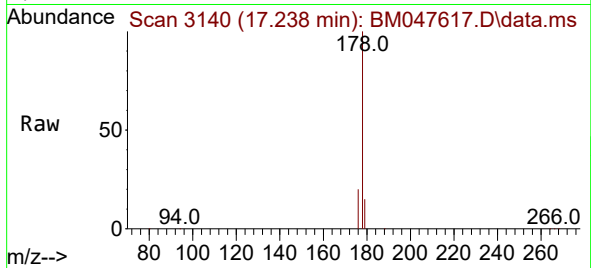




#15
Phenanthrene
Concen: 1.605 ng/ul
RT: 17.238 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BM047617.D
Acq: 24 Sep 2024 19:07

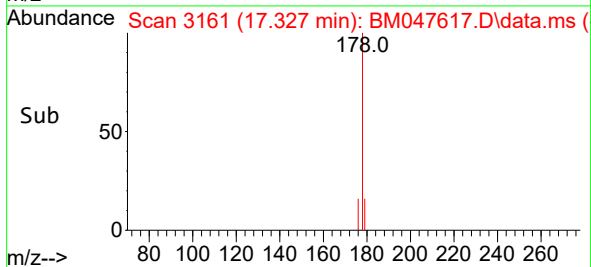
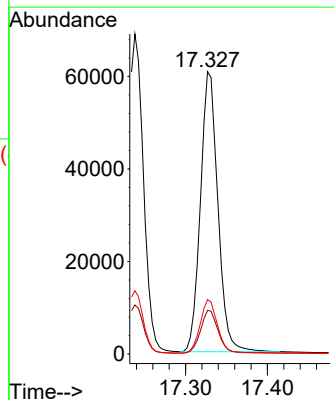
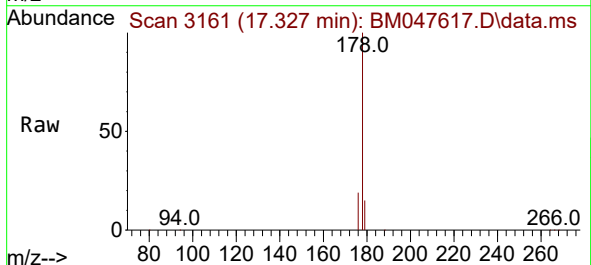
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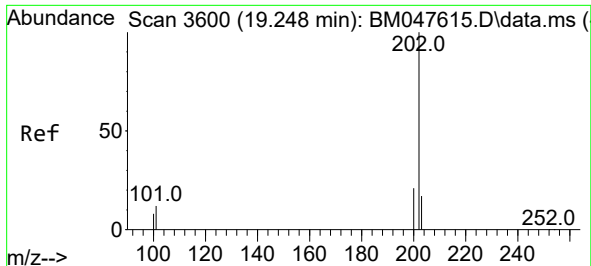
Tgt Ion:178 Resp: 98057
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.8 16.1 24.1



#16
Anthracene
Concen: 1.643 ng/ul
RT: 17.327 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM047617.D
Acq: 24 Sep 2024 19:07

Tgt Ion:178 Resp: 89572
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.3 15.4 23.2

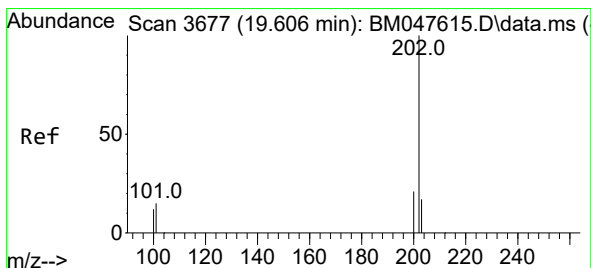
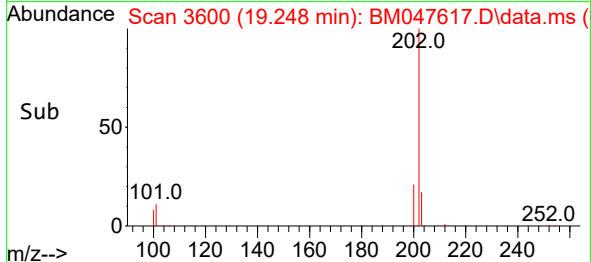
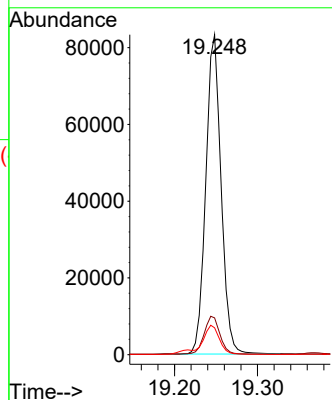
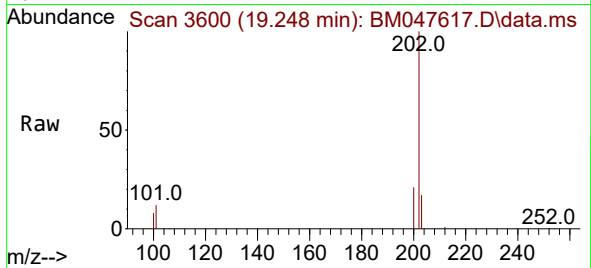




#19
Fluoranthene
Concen: 1.526 ng/ul
RT: 19.248 min Scan# 3600
Delta R.T. -0.000 min
Lab File: BM047617.D
Acq: 24 Sep 2024 19:07

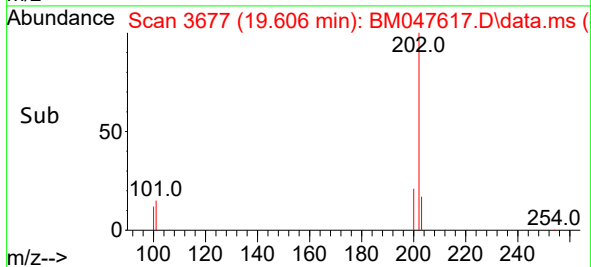
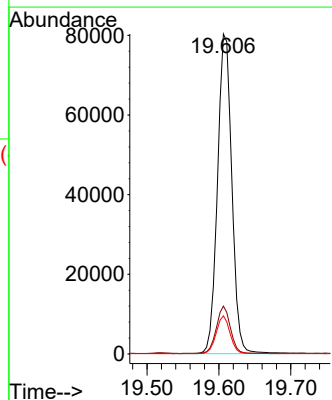
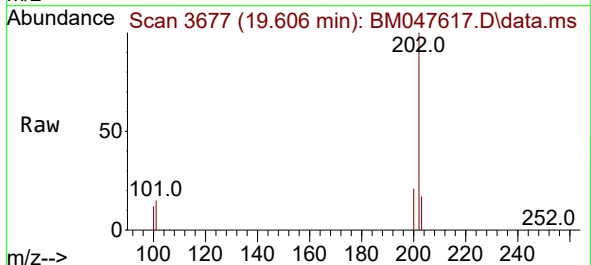
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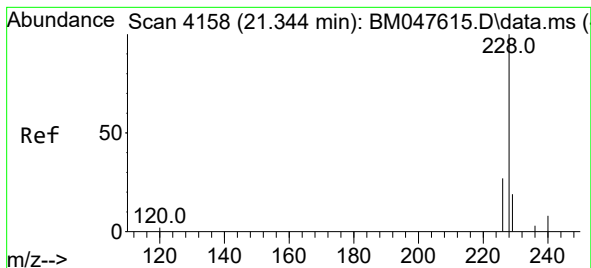
Tgt Ion:202 Resp: 106808
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.8
100 8.4 7.5 11.3



#20
Pyrene
Concen: 1.519 ng/ul
RT: 19.606 min Scan# 3677
Delta R.T. -0.000 min
Lab File: BM047617.D
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Tgt Ion:202 Resp: 111237
Ion Ratio Lower Upper
202 100
101 14.9 12.1 18.1
100 11.9 9.7 14.5





#21

Benzo(a)anthracene

Concen: 1.557 ng/ul

RT: 21.344 min Scan# 4158

Delta R.T. -0.000 min

Lab File: BM047617.D

Acq: 24 Sep 2024 19:07

Instrument :

BNA_M

ClientSampleId :

SSTD1.6012

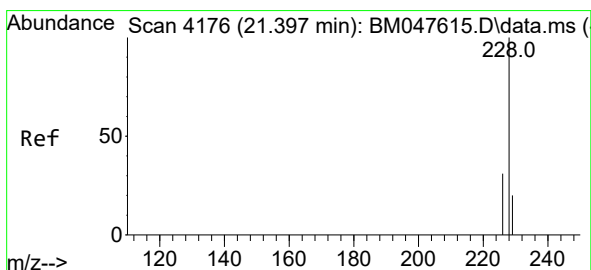
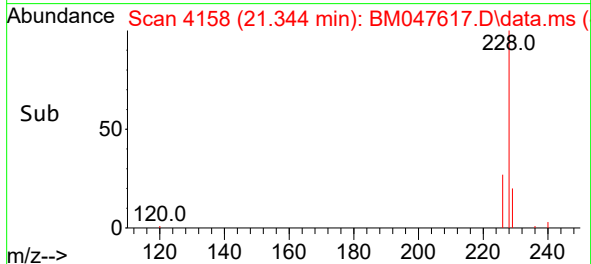
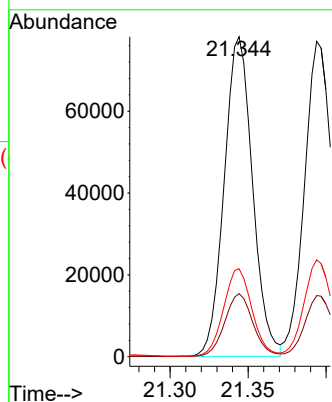
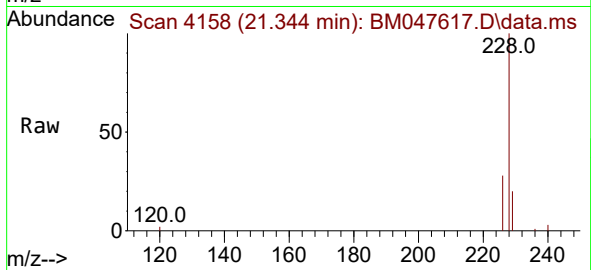
Tgt Ion:228 Resp: 98700

Ion Ratio Lower Upper

228 100

229 19.7 15.6 23.4

226 27.5 22.2 33.4



#22

Chrysene

Concen: 1.443 ng/ul

RT: 21.394 min Scan# 4175

Delta R.T. -0.003 min

Lab File: BM047617.D

Acq: 24 Sep 2024 19:07

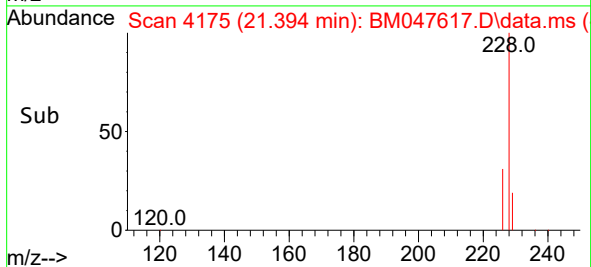
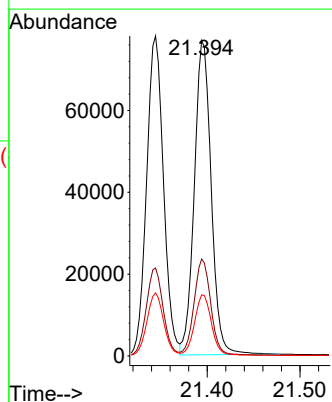
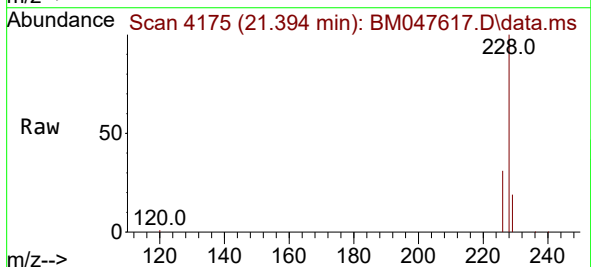
Tgt Ion:228 Resp: 97075

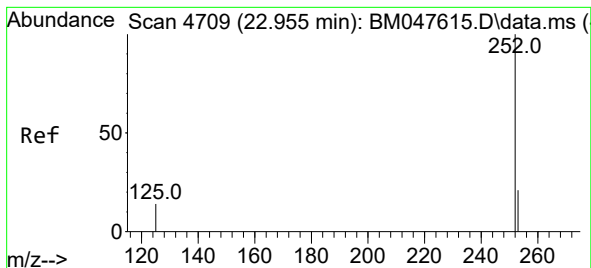
Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

229 19.4 16.2 24.4





#24

Benzo(b)fluoranthene

Concen: 1.496 ng/ul

RT: 22.952 min Scan# 4708

Delta R.T. -0.003 min

Lab File: BM047617.D

Acq: 24 Sep 2024 19:07

Instrument :

BNA_M

ClientSampleId :

SSTD1.6012

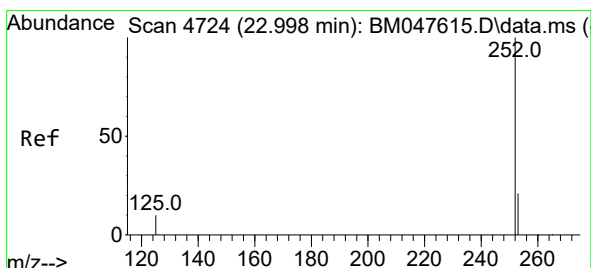
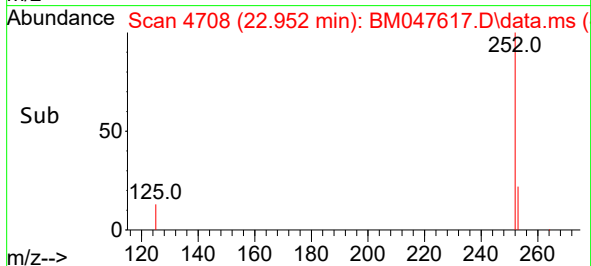
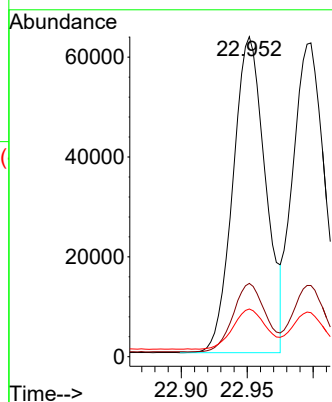
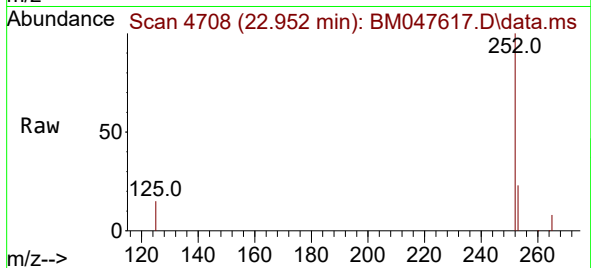
Tgt Ion:252 Resp: 108762

Ion Ratio Lower Upper

252 100

253 22.9 0.0 51.6

125 14.9 0.0 42.4



#25

Benzo(k)fluoranthene

Concen: 1.416 ng/ul

RT: 22.998 min Scan# 4724

Delta R.T. -0.000 min

Lab File: BM047617.D

Acq: 24 Sep 2024 19:07

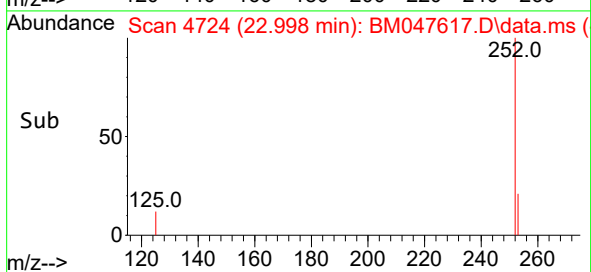
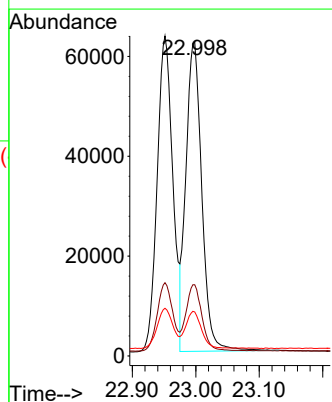
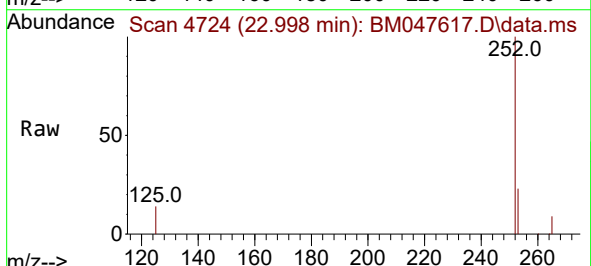
Tgt Ion:252 Resp: 107644

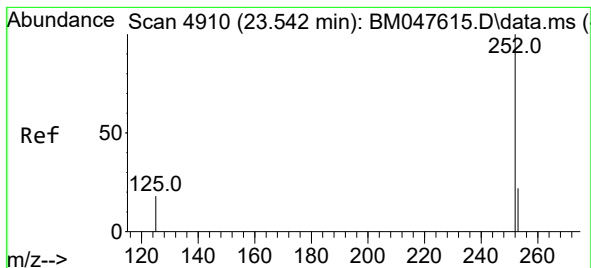
Ion Ratio Lower Upper

252 100

253 22.7 20.6 31.0

125 14.1 15.9 23.9#





#26

Benzo(a)pyrene

Concen: 1.569 ng/ul

RT: 23.542 min Scan# 4910

Delta R.T. -0.000 min

Lab File: BM047617.D

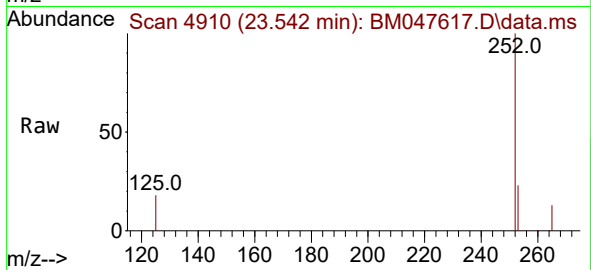
Acq: 24 Sep 2024 19:07

Instrument :

BNA_M

ClientSampleId :

SSTD1.6012



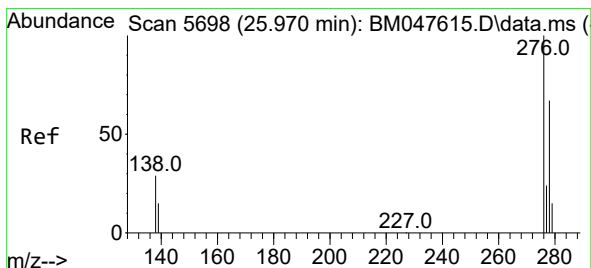
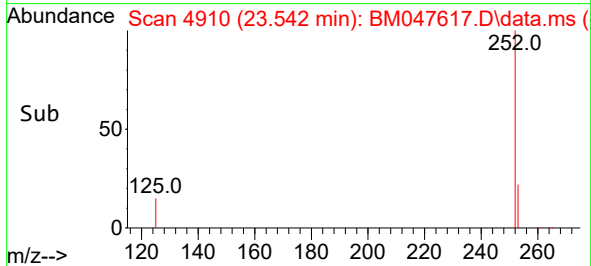
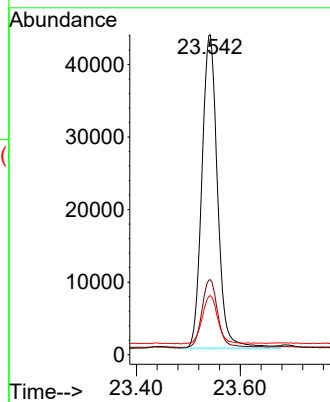
Tgt Ion:252 Resp: 90093

Ion Ratio Lower Upper

252 100

253 23.5 22.6 33.8

125 18.4 23.0 34.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.625 ng/ul

RT: 25.963 min Scan# 5696

Delta R.T. -0.007 min

Lab File: BM047617.D

Acq: 24 Sep 2024 19:07

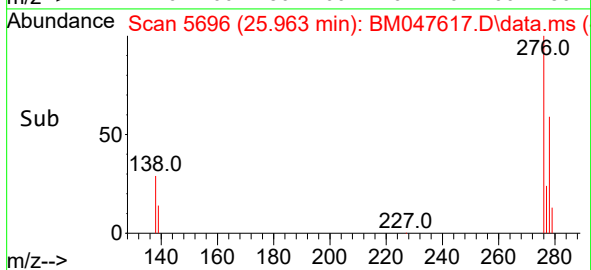
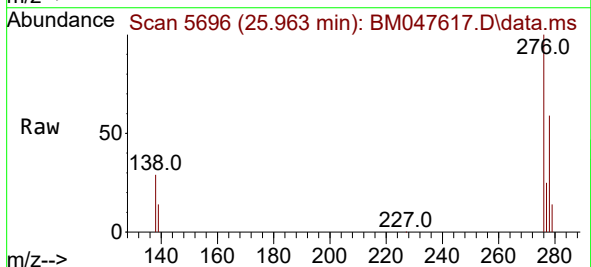
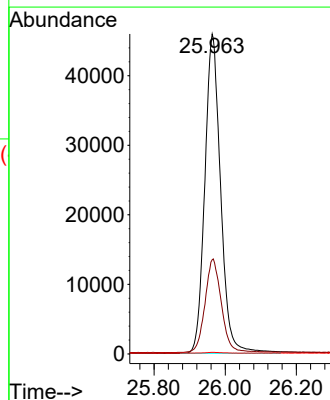
Tgt Ion:276 Resp: 141843

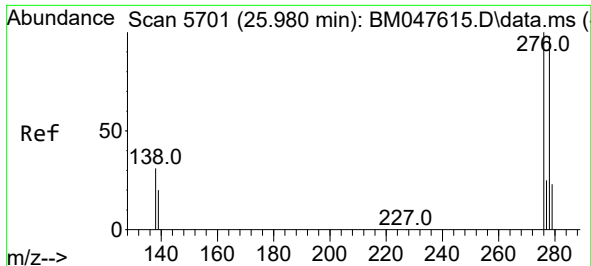
Ion Ratio Lower Upper

276 100

138 30.6 24.6 37.0

227 0.3 0.2 0.4

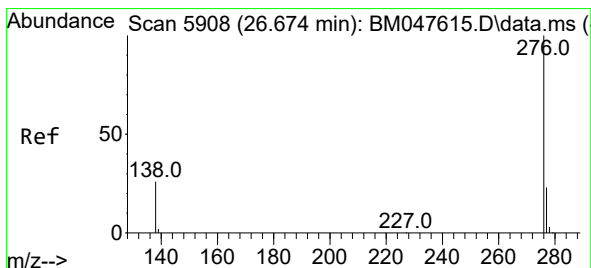
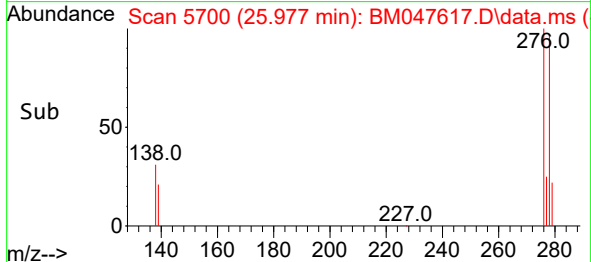
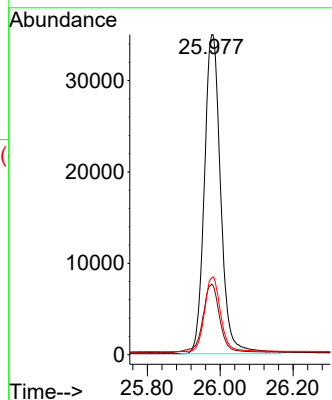
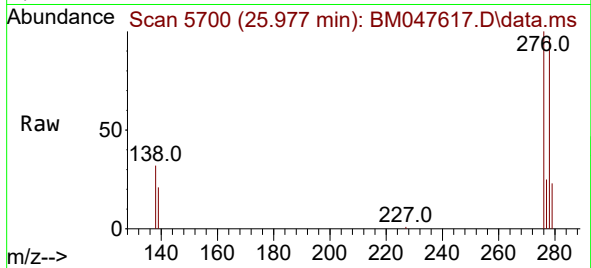




#28
Dibenzo(a,h)anthracene
Concen: 1.604 ng/ul
RT: 25.977 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM047617.D
Acq: 24 Sep 2024 19:07

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Tgt Ion:278 Resp: 108875
Ion Ratio Lower Upper
278 100
139 22.1 18.6 28.0
279 23.9 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 1.561 ng/ul
RT: 26.674 min Scan# 5908
Delta R.T. -0.000 min
Lab File: BM047617.D
Acq: 24 Sep 2024 19:07

Tgt Ion:276 Resp: 112860
Ion Ratio Lower Upper
276 100
138 26.9 22.5 33.7
277 24.0 19.8 29.6

