

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041590.D
 Acq On : 30 Aug 2023 22:29
 Operator : MA/JU
 Sample : PB155075BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS075

Quant Time: Aug 31 02:19:03 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)

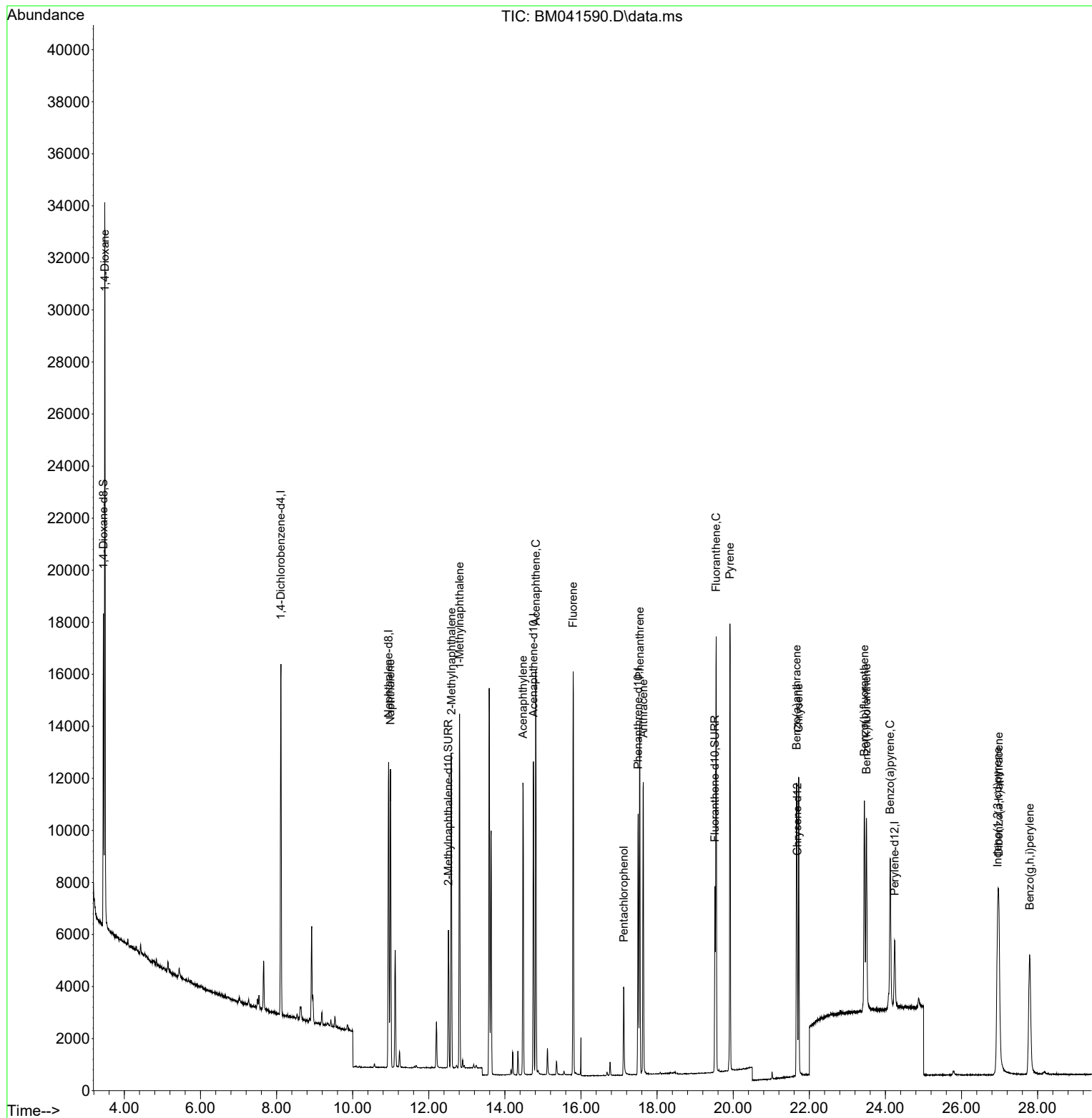
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	6728	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	15078	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	5757	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	10337	0.400	ng/ul	0.00
17) Chrysene-d12	21.682	240	3406	0.400	ng/ul	0.00
23) Perylene-d12	24.243	264	3920	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	6659	0.671	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	6393	0.351	ng/ul	0.00
18) Fluoranthene-d10	19.520	212	5988	0.356	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.486	88	15833	1.495	ng/ul#	83
5) Naphthalene	10.994	128	15095	0.313	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	8400	0.307	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	8826	0.319	ng/ul	99
10) Acenaphthylene	14.476	152	12481	0.311	ng/ul	100
11) Acenaphthene	14.814	153	8765	0.317	ng/ul	98
12) Fluorene	15.795	166	9332	0.310	ng/ul	98
14) Pentachlorophenol	17.122	266	2429	0.611	ng/ul	99
15) Phenanthrene	17.544	178	13787	0.305	ng/ul	99
16) Anthracene	17.637	178	11929	0.304	ng/ul	99
19) Fluoranthene	19.552	202	13704	0.307	ng/ul	99
20) Pyrene	19.915	202	13520	0.301	ng/ul	97
21) Benzo(a)anthracene	21.664	228	9181	0.302	ng/ul	100
22) Chrysene	21.720	228	10179	0.312	ng/ul	99
24) Benzo(b)fluoranthene	23.447	252	11115	0.305	ng/ul	99
25) Benzo(k)fluoranthene	23.500	252	10738	0.310	ng/ul	99
26) Benzo(a)pyrene	24.126	252	9772	0.301	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.948	276	13912	0.321	ng/ul#	37
28) Dibenzo(a,h)anthracene	26.981	278	9360	0.321	ng/ul	98
29) Benzo(g,h,i)perylene	27.789	276	11466	0.315	ng/ul	99

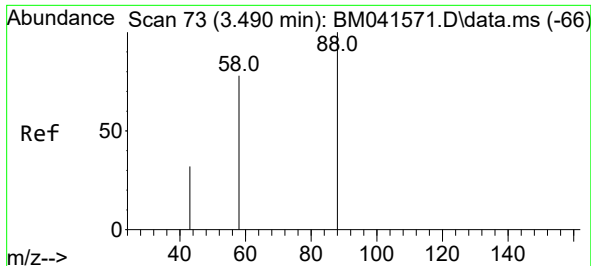
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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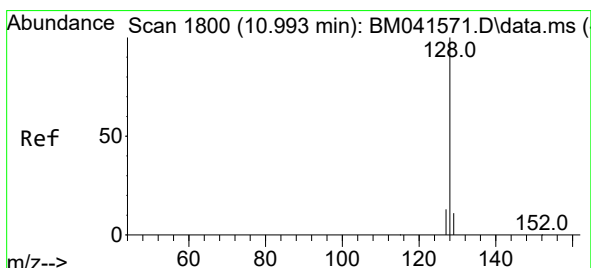
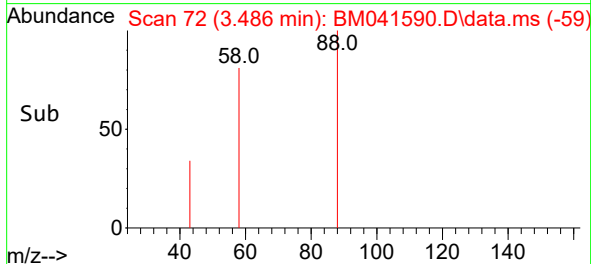
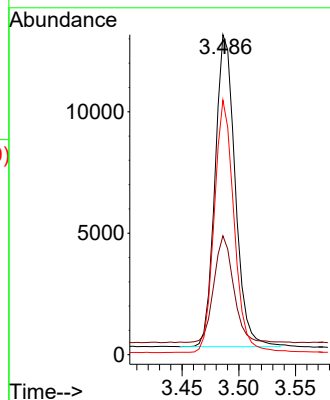
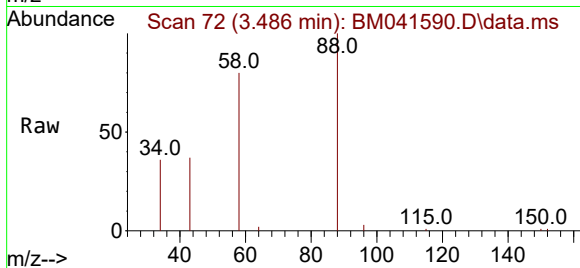




#2
1,4-Dioxane
Concen: 1.495 ng/ul
RT: 3.486 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM041590.D
Acq: 30 Aug 2023 22:29

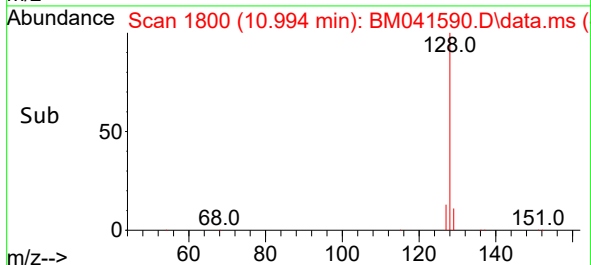
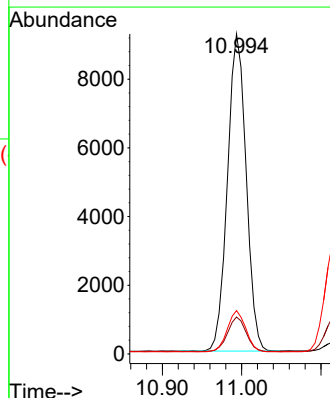
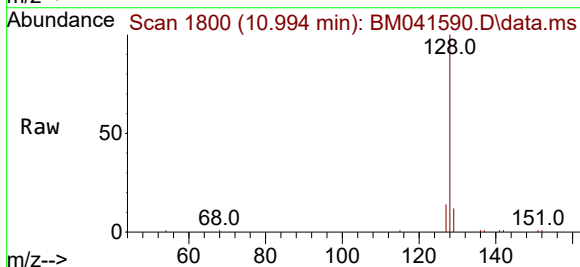
Instrument :
BNA_M
ClientSampleId :
SLCS075

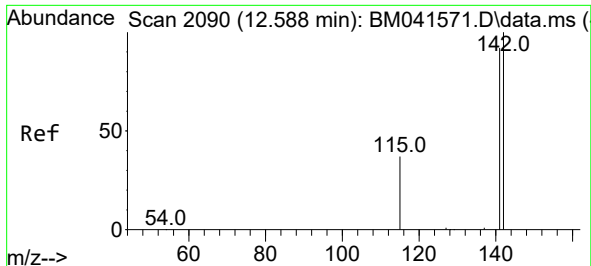
Tgt Ion: 88 Resp: 15833
Ion Ratio Lower Upper
88 100
43 37.1 46.2 69.2#
58 79.5 58.1 87.1



#5
Naphthalene
Concen: 0.313 ng/ul
RT: 10.994 min Scan# 1800
Delta R.T. -0.005 min
Lab File: BM041590.D
Acq: 30 Aug 2023 22:29

Tgt Ion: 128 Resp: 15095
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.5 10.6 15.8

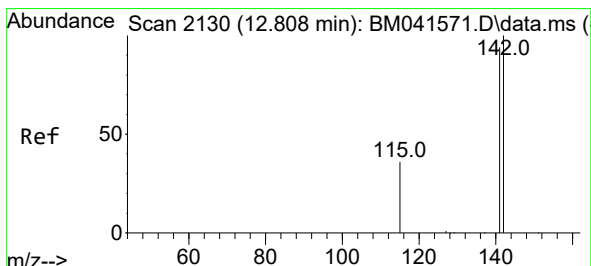
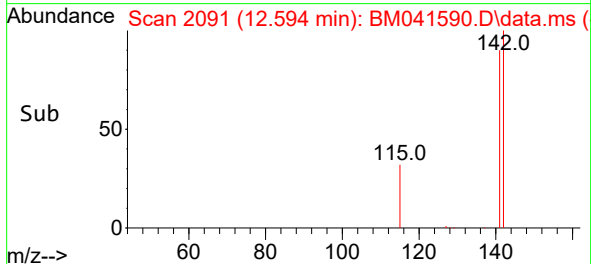
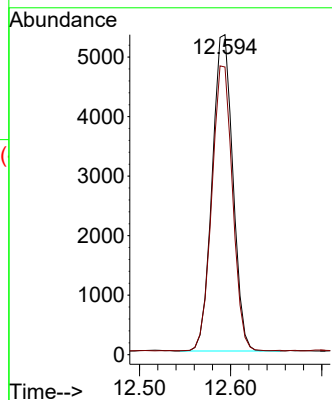
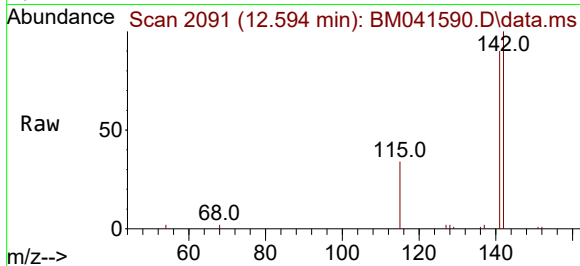




#7
2-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041590.D
Acq: 30 Aug 2023 22:29

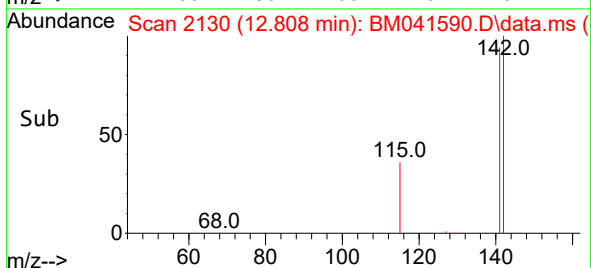
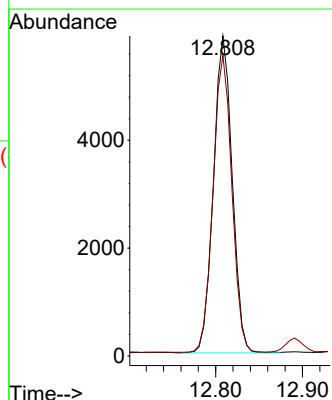
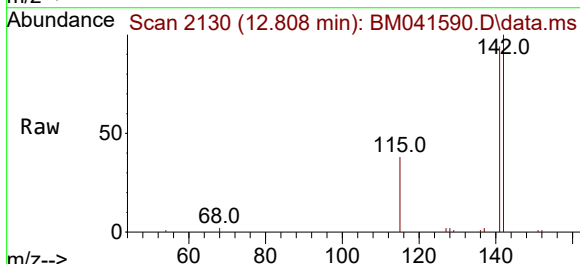
Instrument :
BNA_M
ClientSampleId :
SLCS075

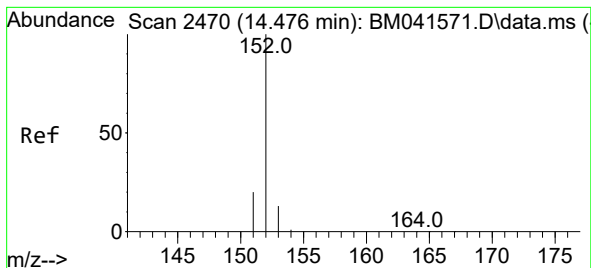
Tgt Ion:142 Resp: 8400
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.808 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BM041590.D
Acq: 30 Aug 2023 22:29

Tgt Ion:142 Resp: 8826
Ion Ratio Lower Upper
142 100
141 93.7 74.2 111.2





#10

Acenaphthylene

Concen: 0.311 ng/ul

RT: 14.476 min Scan# 2470

Delta R.T. -0.005 min

Lab File: BM041590.D

Acq: 30 Aug 2023 22:29

Instrument :

BNA_M

ClientSampleId :

SLCS075

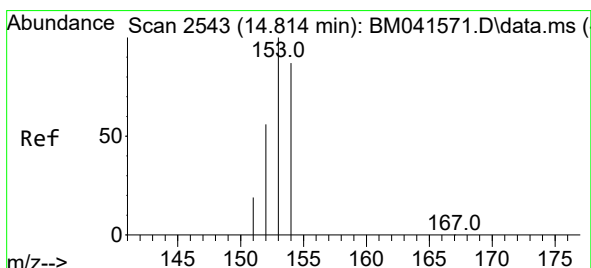
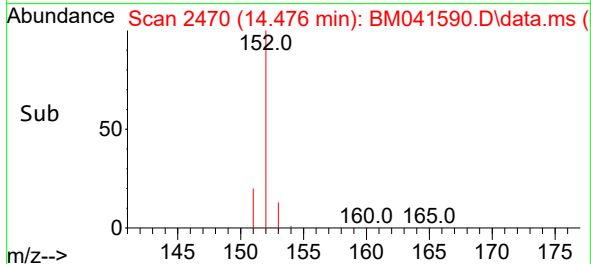
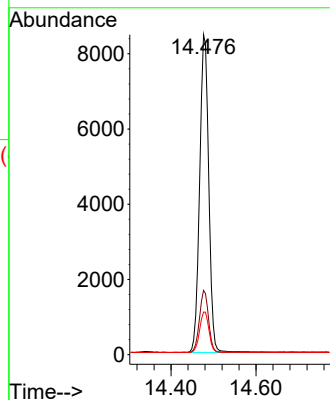
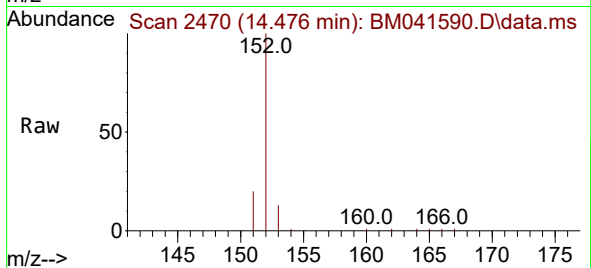
Tgt Ion:152 Resp: 12481

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.3 10.6 15.8



#11

Acenaphthene

Concen: 0.317 ng/ul

RT: 14.814 min Scan# 2543

Delta R.T. -0.005 min

Lab File: BM041590.D

Acq: 30 Aug 2023 22:29

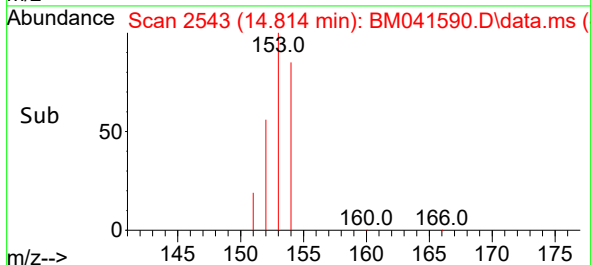
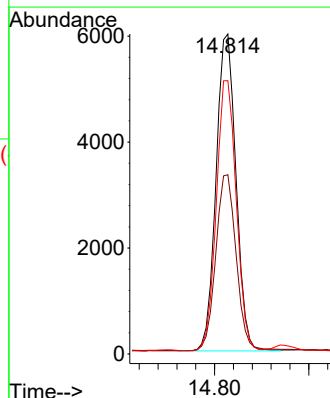
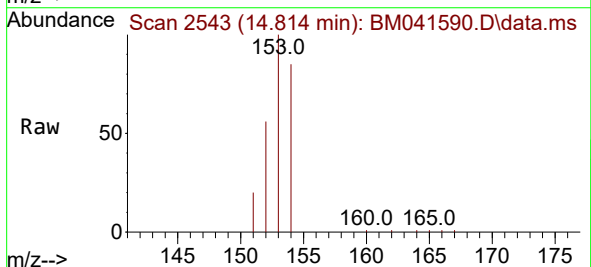
Tgt Ion:153 Resp: 8765

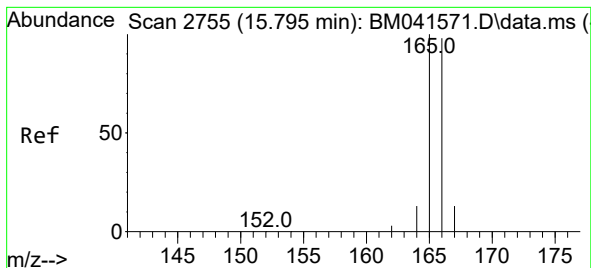
Ion Ratio Lower Upper

153 100

152 56.0 43.4 65.2

154 85.4 70.2 105.2





#12

Fluorene

Concen: 0.310 ng/ul

RT: 15.795 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM041590.D

Acq: 30 Aug 2023 22:29

Instrument :

BNA_M

ClientSampleId :

SLCS075

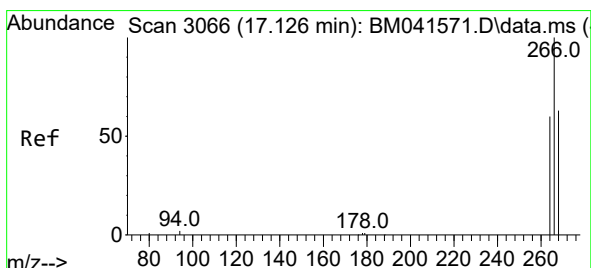
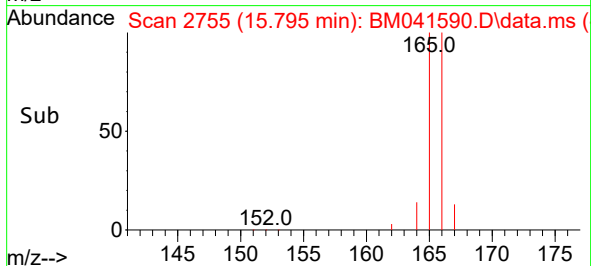
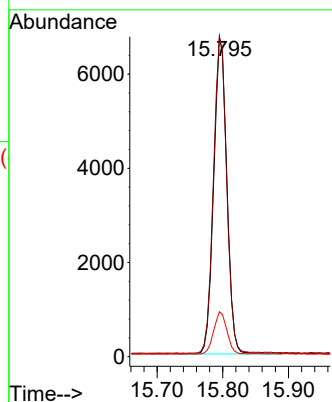
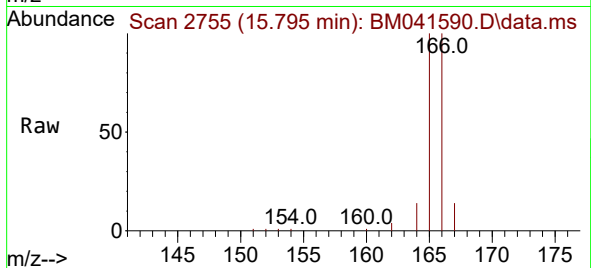
Tgt Ion:166 Resp: 9332

Ion Ratio Lower Upper

166 100

165 100.0 82.2 123.2

167 14.0 11.5 17.3



#14

Pentachlorophenol

Concen: 0.611 ng/ul

RT: 17.122 min Scan# 3065

Delta R.T. -0.004 min

Lab File: BM041590.D

Acq: 30 Aug 2023 22:29

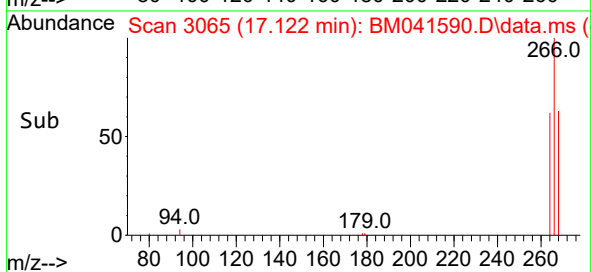
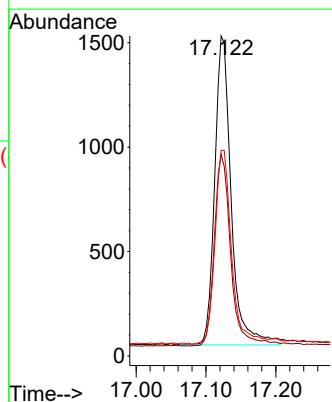
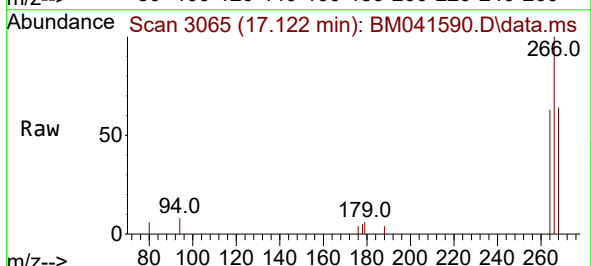
Tgt Ion:266 Resp: 2429

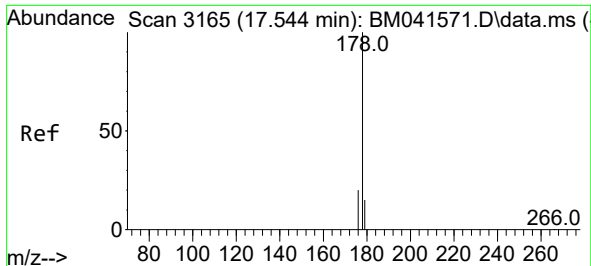
Ion Ratio Lower Upper

266 100

264 61.9 49.3 73.9

268 64.0 50.2 75.4

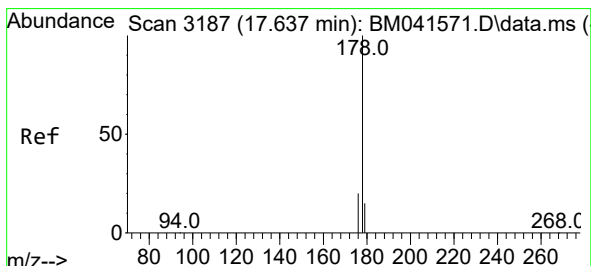
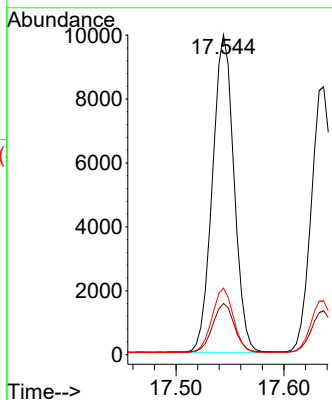
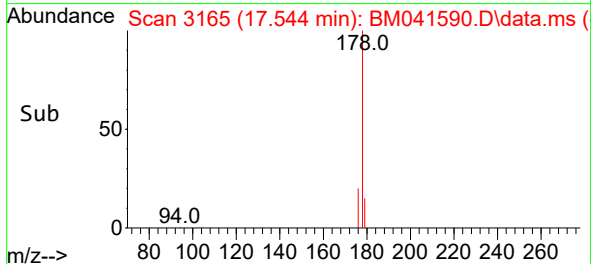
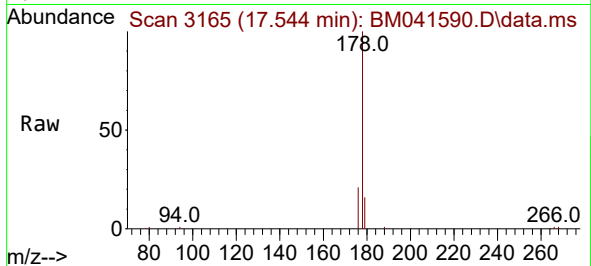




#15
Phenanthrene
Concen: 0.305 ng/ul
RT: 17.544 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM041590.D
Acq: 30 Aug 2023 22:29

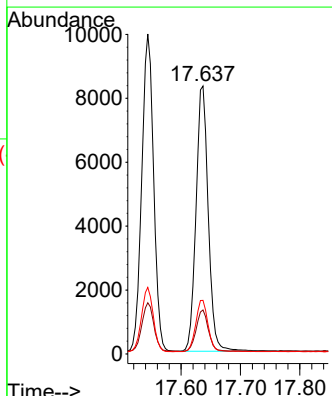
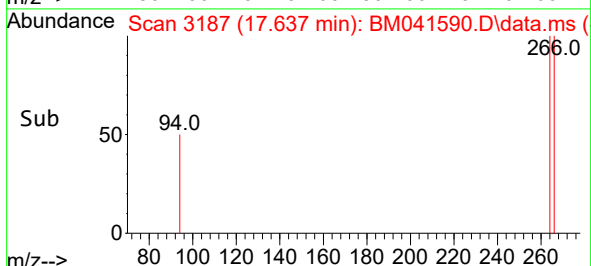
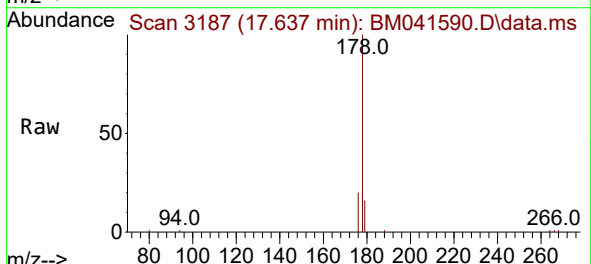
Instrument :
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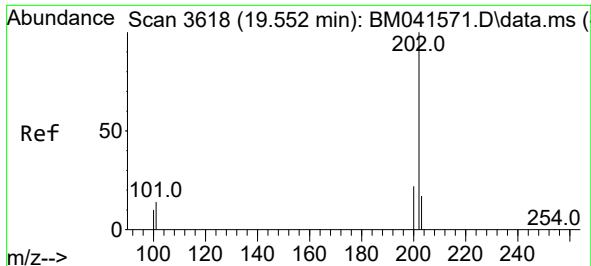
Tgt Ion:178	Resp:	13787
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.6 19.0
176	20.8	16.2 24.4



#16
Anthracene
Concen: 0.304 ng/ul
RT: 17.637 min Scan# 3187
Delta R.T. -0.004 min
Lab File: BM041590.D
Acq: 30 Aug 2023 22:29

Tgt Ion:178	Resp:	11929
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.9 19.3
176	20.0	15.6 23.4

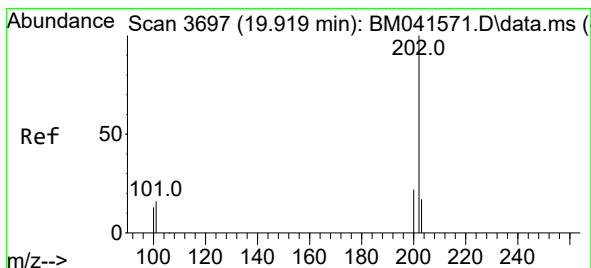
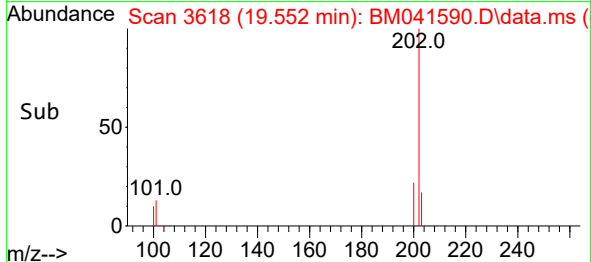
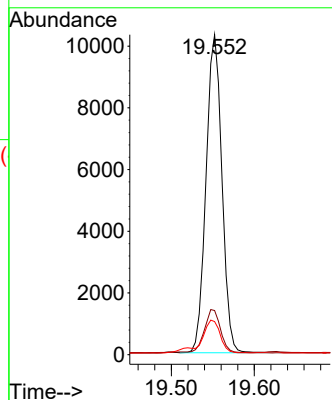
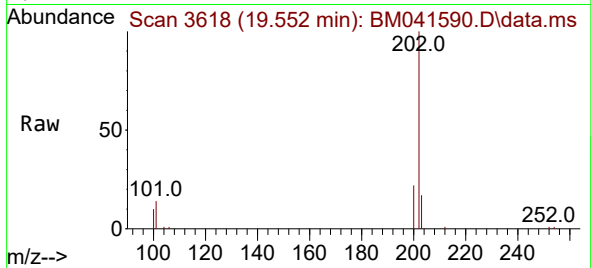




#19
Fluoranthene
Concen: 0.307 ng/ul
RT: 19.552 min Scan# 3618
Delta R.T. -0.005 min
Lab File: BM041590.D
Acq: 30 Aug 2023 22:29

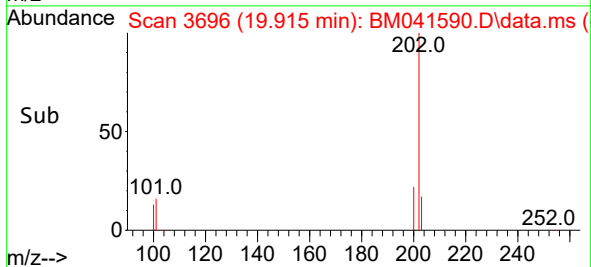
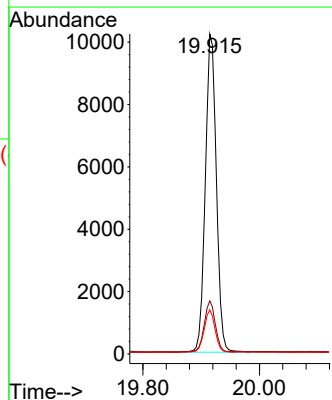
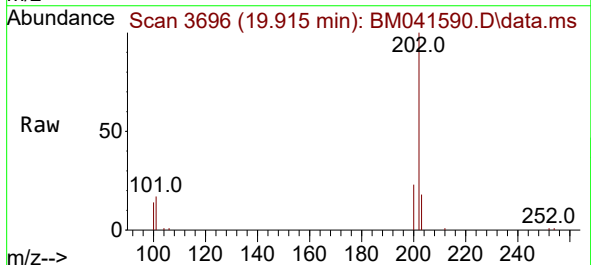
Instrument :
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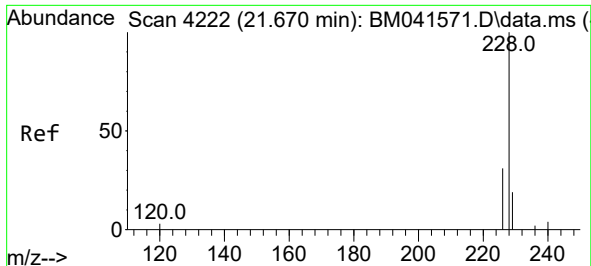
Tgt Ion:202 Resp: 13704
Ion Ratio Lower Upper
202 100
101 13.8 10.7 16.1
100 10.4 8.1 12.1



#20
Pyrene
Concen: 0.301 ng/ul
RT: 19.915 min Scan# 3696
Delta R.T. -0.009 min
Lab File: BM041590.D
Acq: 30 Aug 2023 22:29

Tgt Ion:202 Resp: 13520
Ion Ratio Lower Upper
202 100
101 16.6 12.2 18.4
100 13.7 9.8 14.8

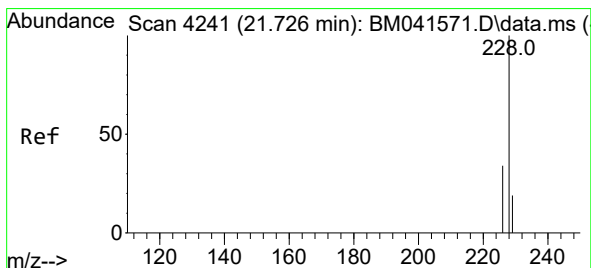
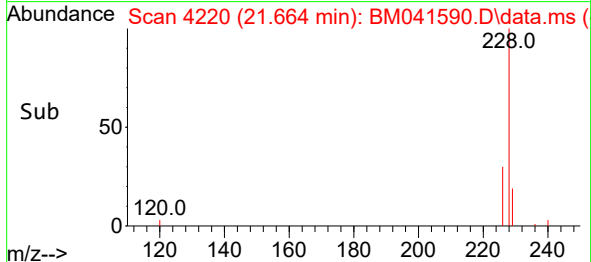
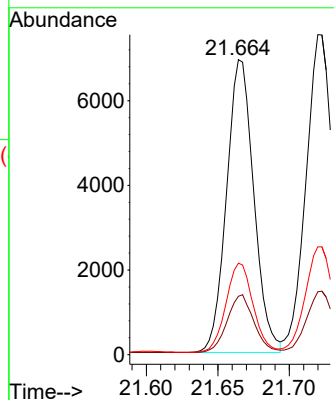
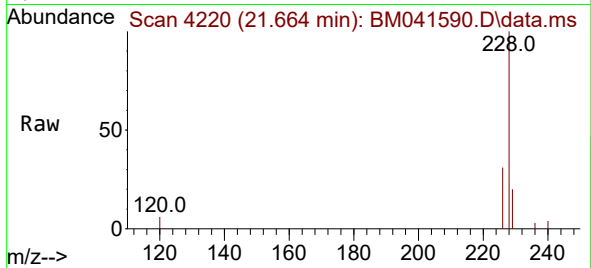




#21
Benzo(a)anthracene
Concen: 0.302 ng/ul
RT: 21.664 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM041590.D
Acq: 30 Aug 2023 22:29

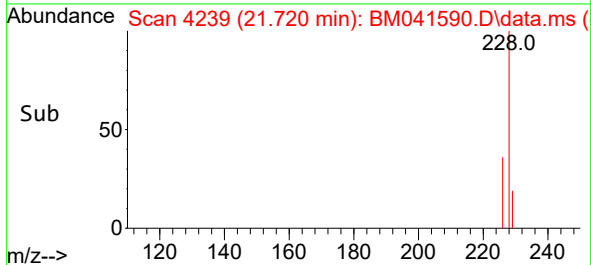
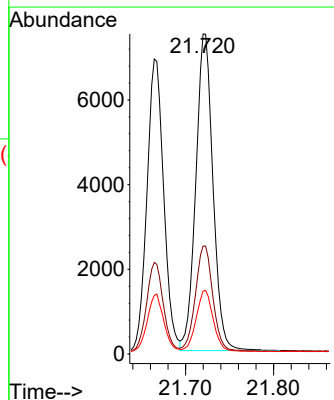
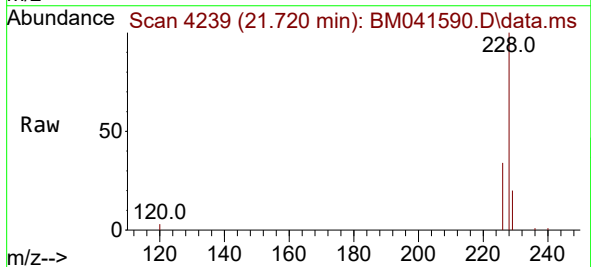
Instrument :
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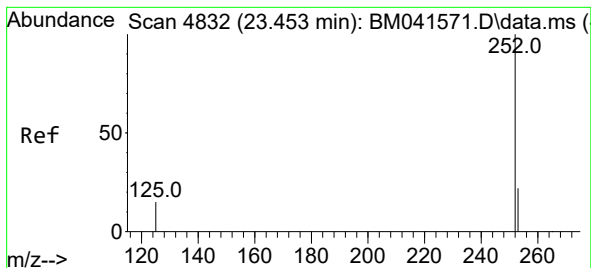
Tgt Ion:228 Resp: 9181
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 31.0 25.0 37.4



#22
Chrysene
Concen: 0.312 ng/ul
RT: 21.720 min Scan# 4239
Delta R.T. -0.009 min
Lab File: BM041590.D
Acq: 30 Aug 2023 22:29

Tgt Ion:228 Resp: 10179
Ion Ratio Lower Upper
228 100
226 33.7 26.7 40.1
229 19.6 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 0.305 ng/ul

RT: 23.447 min Scan# 4830

Delta R.T. -0.012 min

Lab File: BM041590.D

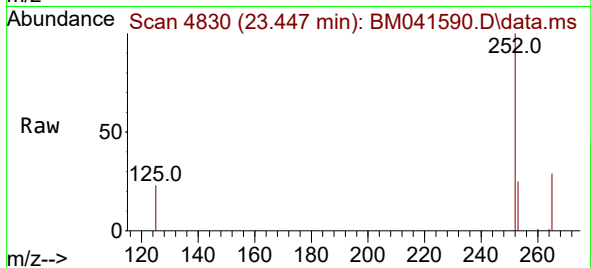
Acq: 30 Aug 2023 22:29

Instrument :

BNA_M

ClientSampleId :

SLCS075



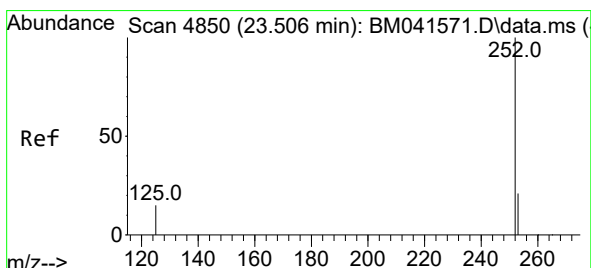
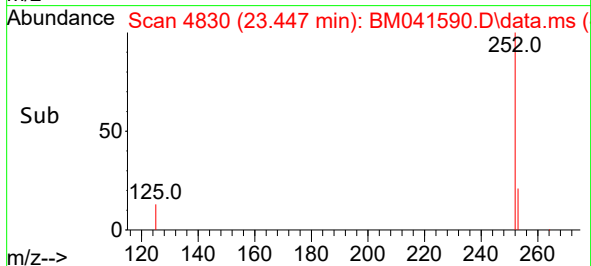
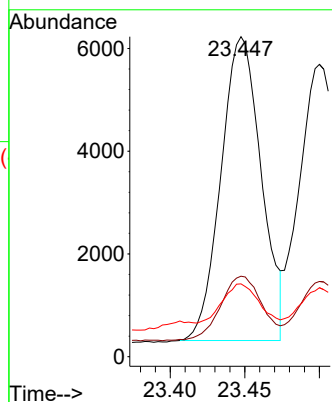
Tgt Ion:252 Resp: 11115

Ion Ratio Lower Upper

252 100

253 25.1 0.0 50.0

125 22.8 0.0 44.0



#25

Benzo(k)fluoranthene

Concen: 0.310 ng/ul

RT: 23.500 min Scan# 4848

Delta R.T. -0.012 min

Lab File: BM041590.D

Acq: 30 Aug 2023 22:29

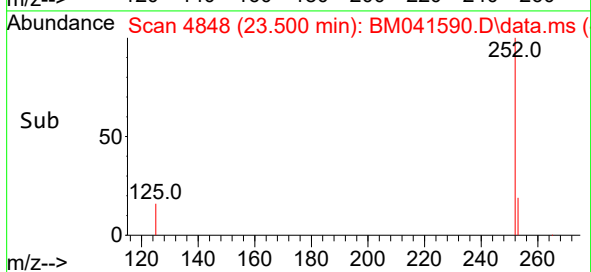
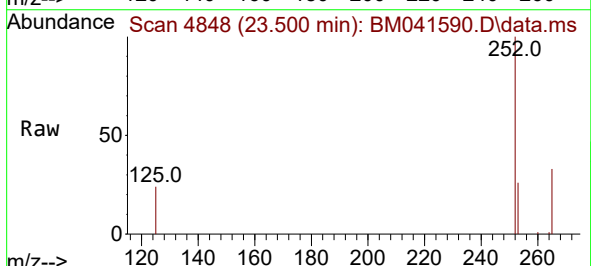
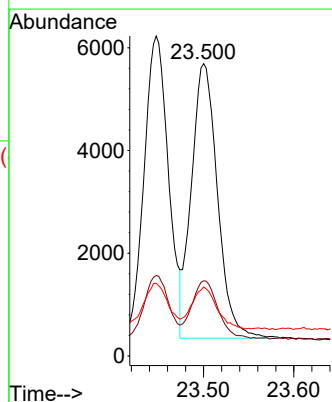
Tgt Ion:252 Resp: 10738

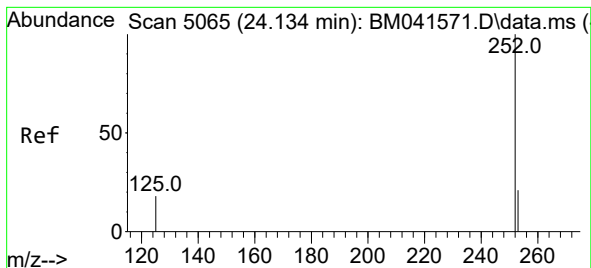
Ion Ratio Lower Upper

252 100

253 25.7 20.2 30.4

125 23.6 18.2 27.4





#26

Benzo(a)pyrene

Concen: 0.301 ng/ul

RT: 24.126 min Scan# 5065

Delta R.T. -0.012 min

Lab File: BM041590.D

Acq: 30 Aug 2023 22:29

Instrument :

BNA_M

ClientSampleId :

SLCS075

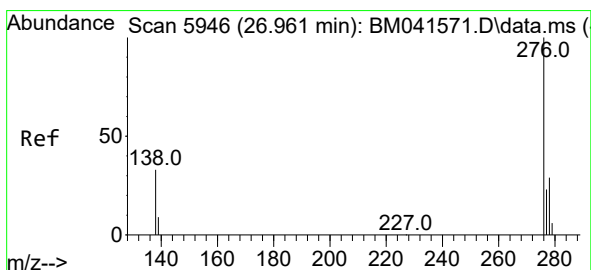
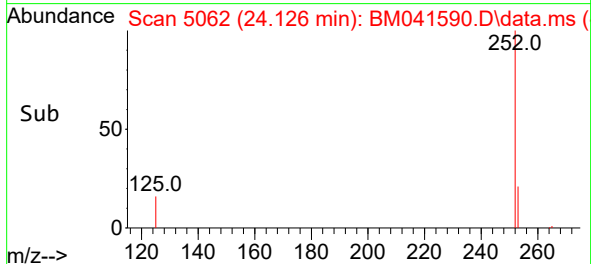
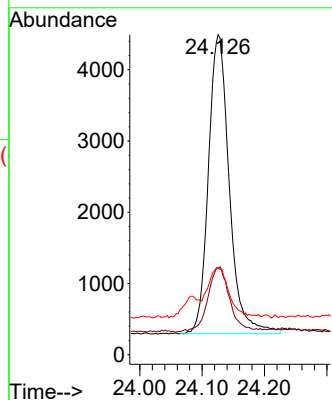
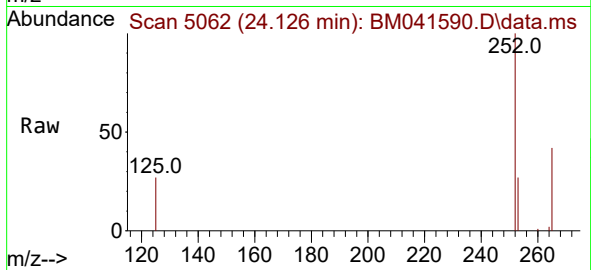
Tgt Ion:252 Resp: 9772

Ion Ratio Lower Upper

252 100

253 26.9 20.9 31.3

125 27.2 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.321 ng/ul

RT: 26.948 min Scan# 5942

Delta R.T. -0.017 min

Lab File: BM041590.D

Acq: 30 Aug 2023 22:29

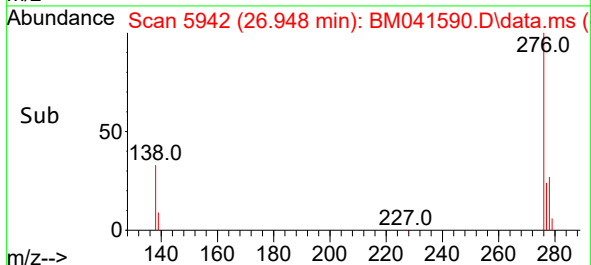
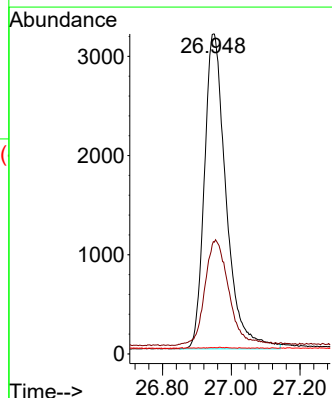
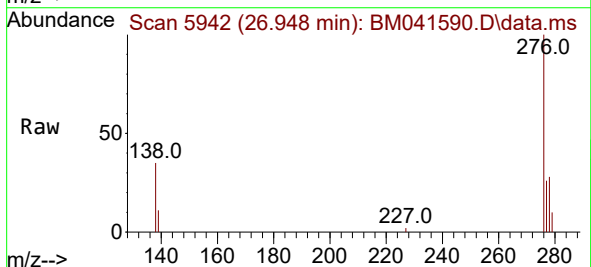
Tgt Ion:276 Resp: 13912

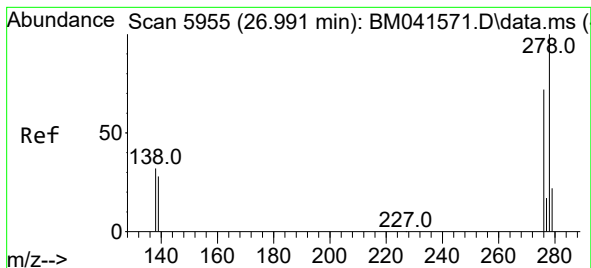
Ion Ratio Lower Upper

276 100

138 0.0 30.3 45.5#

227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.321 ng/ul

RT: 26.981 min Scan# 5955

Delta R.T. -0.013 min

Lab File: BM041590.D

Acq: 30 Aug 2023 22:29

Instrument :

BNA_M

ClientSampleId :

SLCS075

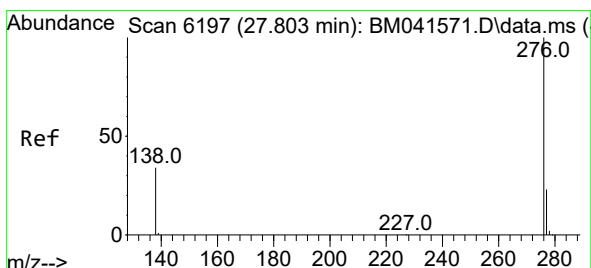
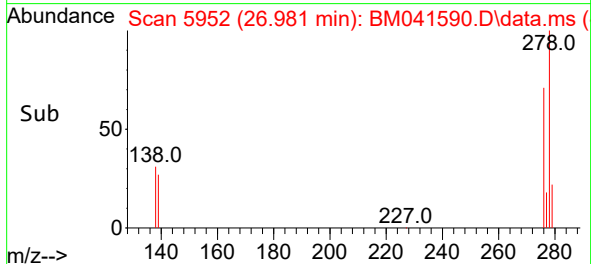
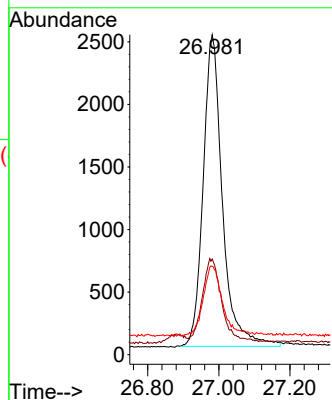
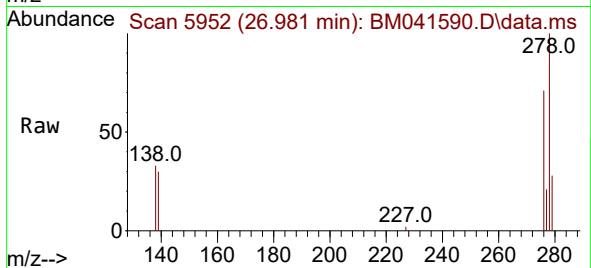
Tgt Ion:278 Resp: 9360

Ion Ratio Lower Upper

278 100

139 29.9 25.0 37.4

279 27.6 22.6 34.0



#29

Benzo(g,h,i)perylene

Concen: 0.315 ng/ul

RT: 27.789 min Scan# 6193

Delta R.T. -0.017 min

Lab File: BM041590.D

Acq: 30 Aug 2023 22:29

Tgt Ion:276 Resp: 11466

Ion Ratio Lower Upper

276 100

138 34.9 27.4 41.0

277 25.8 20.4 30.6

