

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043460.D
 Acq On : 20 Dec 2023 12:16
 Operator : MA/JU
 Sample : PB157898BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS898

Quant Time: Dec 20 23:13:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 23:32:46 2023
 Response via : Initial Calibration

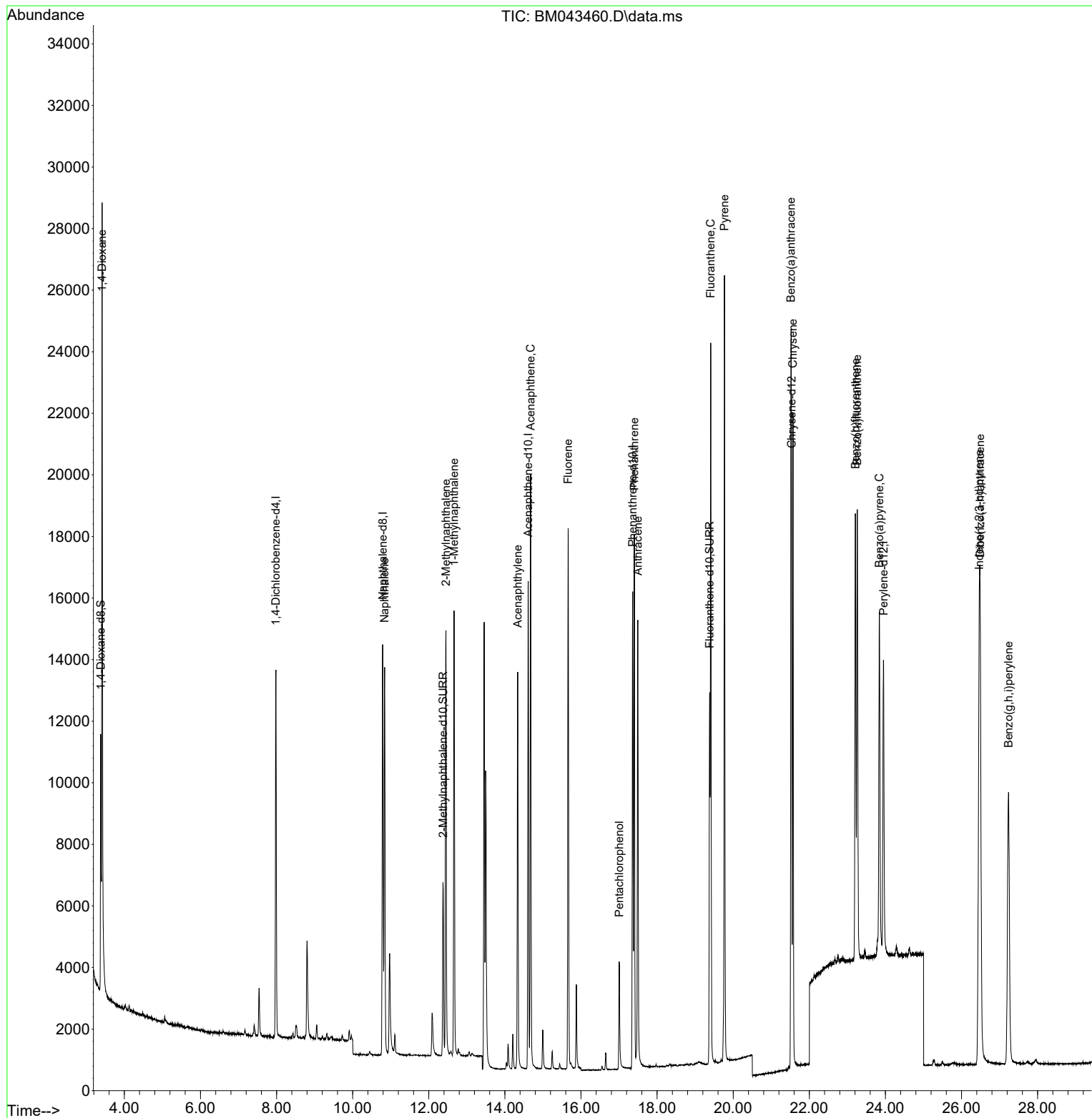
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	6232	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	18786	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	9149	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	18387	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	12374	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	14059	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	5204	0.661	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	7993	0.300	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	12794	0.289	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	16173	2.048	ng/ul#	79
5) Naphthalene	10.840	128	17635	0.312	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	10652	0.292	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	10352	0.283	ng/ul	99
10) Acenaphthylene	14.338	152	15737	0.312	ng/ul	99
11) Acenaphthene	14.675	153	11431	0.312	ng/ul	98
12) Fluorene	15.661	166	12323	0.297	ng/ul	99
14) Pentachlorophenol	17.004	266	2809	0.689	ng/ul	98
15) Phenanthrene	17.400	178	19511	0.318	ng/ul	100
16) Anthracene	17.493	178	17756	0.319	ng/ul	100
19) Fluoranthene	19.408	202	20047	0.287	ng/ul#	93
20) Pyrene	19.771	202	20932	0.302	ng/ul	96
21) Benzo(a)anthracene	21.518	228	18061	0.333	ng/ul	100
22) Chrysene	21.571	228	18782	0.328	ng/ul	99
24) Benzo(b)fluoranthene	23.211	252	20073	0.315	ng/ul	93
25) Benzo(k)fluoranthene	23.260	252	20242	0.306	ng/ul#	91
26) Benzo(a)pyrene	23.842	252	18068	0.343	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.465	276	24811	0.414	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.491	278	19890	0.419	ng/ul	94
29) Benzo(g,h,i)perylene	27.236	276	20820	0.407	ng/ul	95

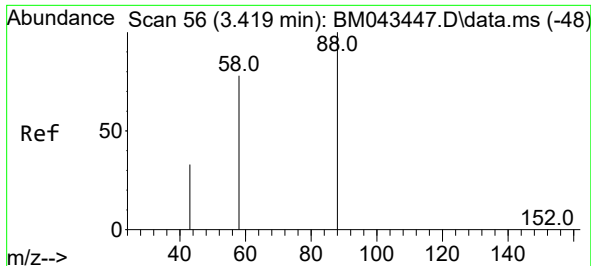
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

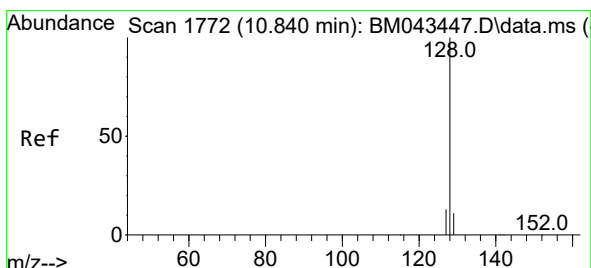
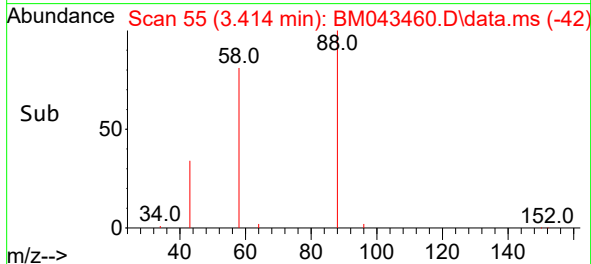
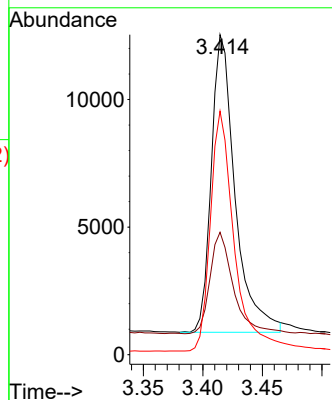
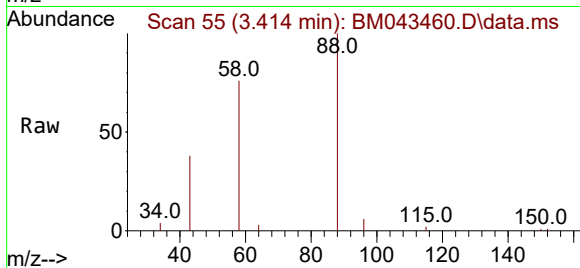




#2
1,4-Dioxane
Concen: 2.048 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

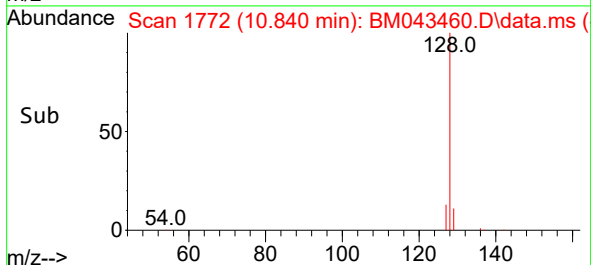
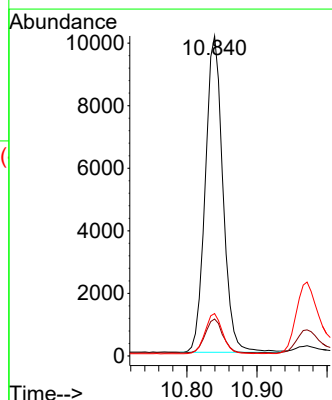
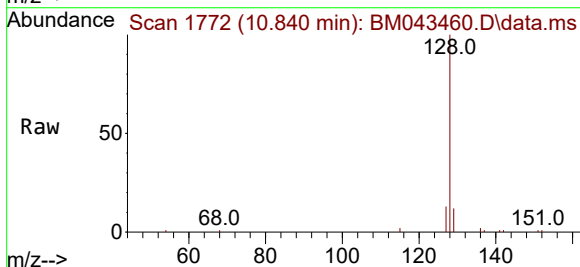
Instrument :
BNA_M
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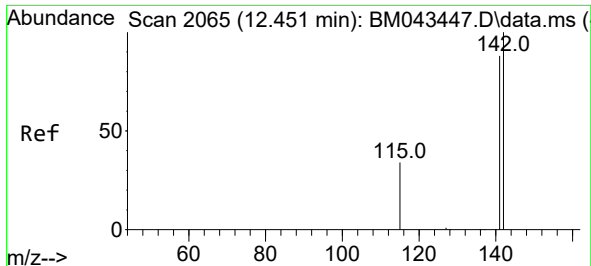
Tgt Ion: 88 Resp: 16173
Ion Ratio Lower Upper
88 100
43 38.2 27.9 41.9
58 76.1 43.4 65.2#



#5
Naphthalene
Concen: 0.312 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Tgt Ion: 128 Resp: 17635
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.2 10.3 15.5

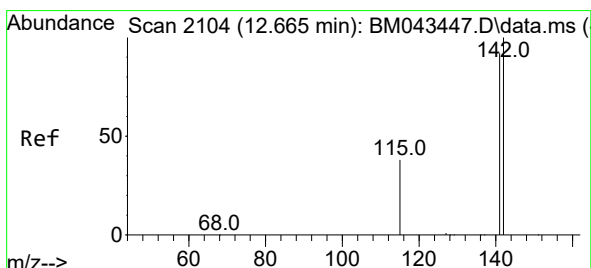
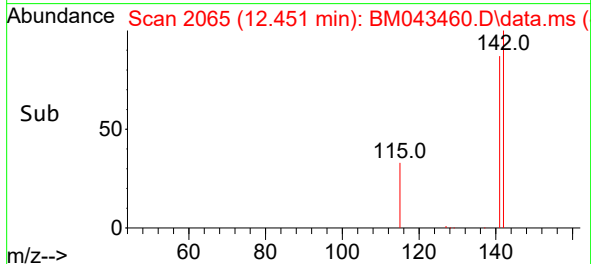
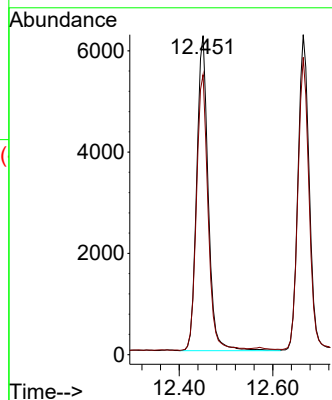
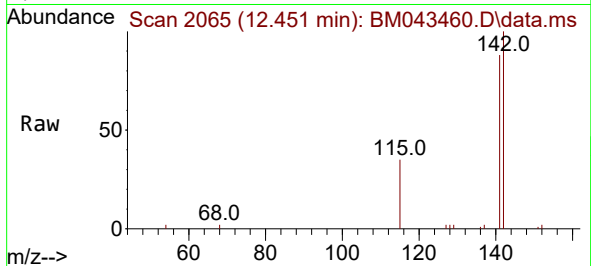




#7
2-Methylnaphthalene
Concen: 0.292 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

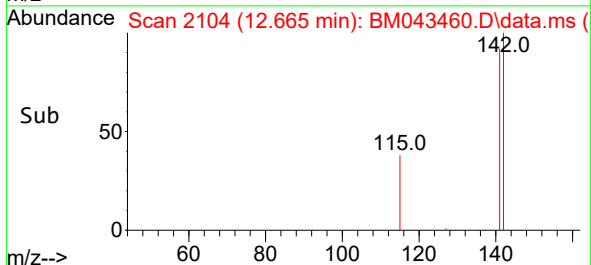
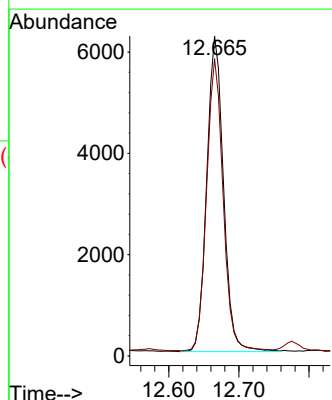
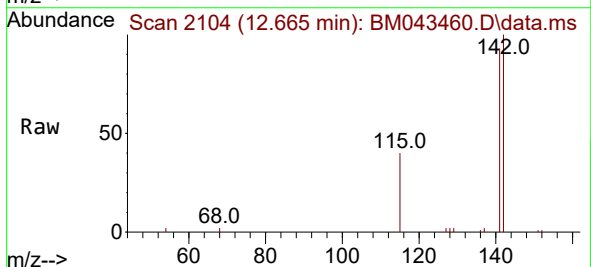
Instrument :
BNA_M
ClientSampleId :
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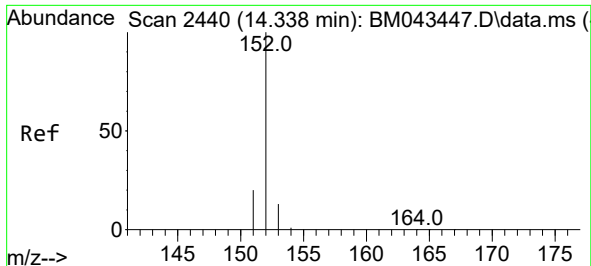
Tgt Ion:142 Resp: 10652
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Tgt Ion:142 Resp: 10352
Ion Ratio Lower Upper
142 100
141 91.0 73.7 110.5

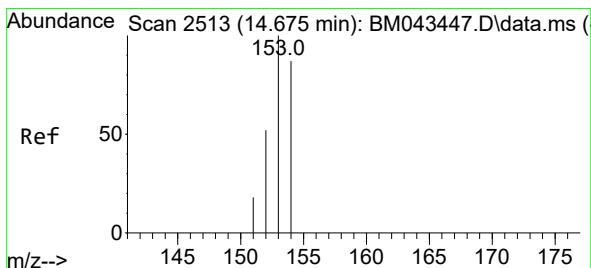
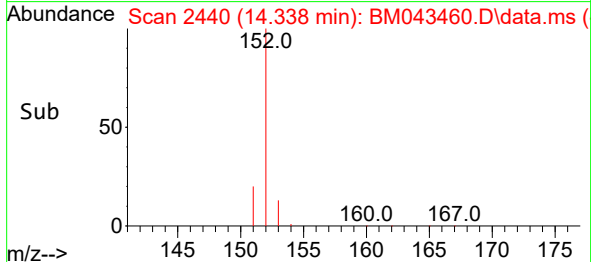
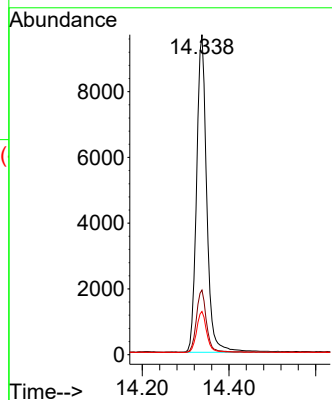
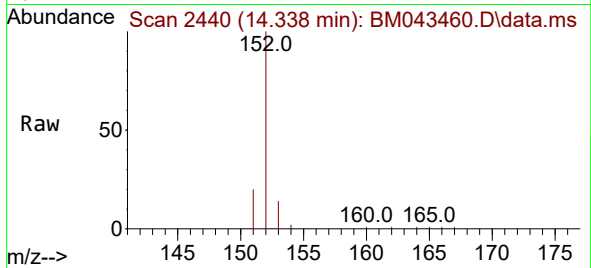




#10
Acenaphthylene
Concen: 0.312 ng/ul
RT: 14.338 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

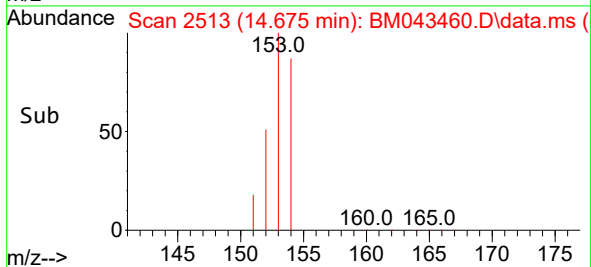
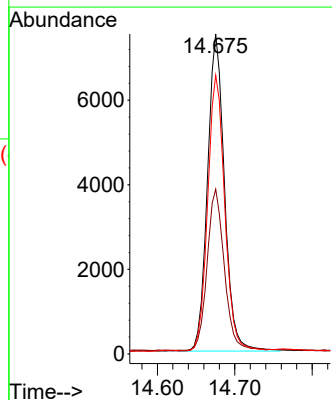
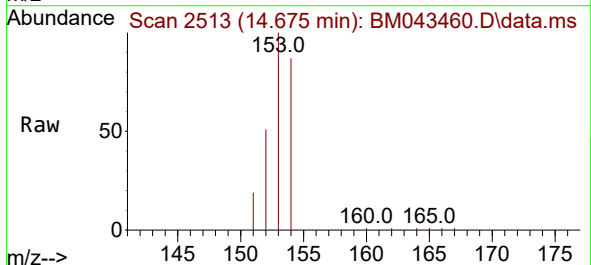
Instrument :
BNA_M
ClientSampleId :
SLCS898

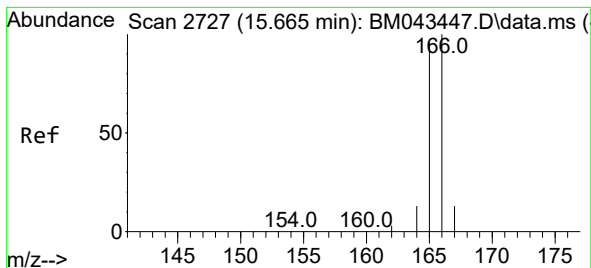
Tgt Ion:152 Resp: 15737
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.5 10.4 15.6



#11
Acenaphthene
Concen: 0.312 ng/ul
RT: 14.675 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Tgt Ion:153 Resp: 11431
Ion Ratio Lower Upper
153 100
152 51.5 42.1 63.1
154 87.1 71.3 106.9





#12

Fluorene

Concen: 0.297 ng/ul

RT: 15.661 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM043460.D

Acq: 20 Dec 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SLCS898

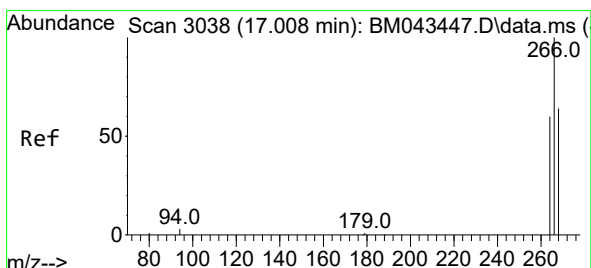
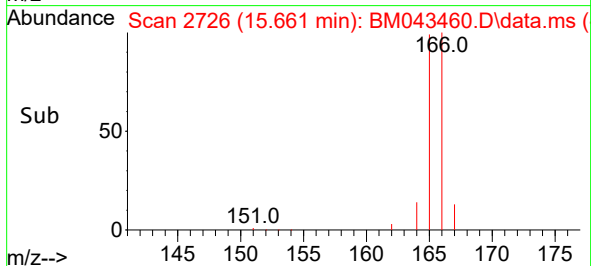
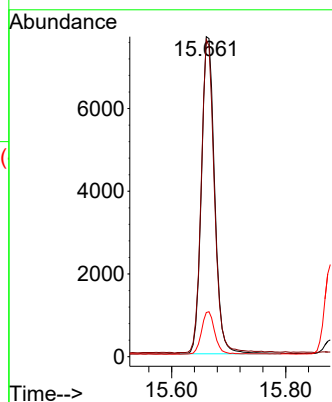
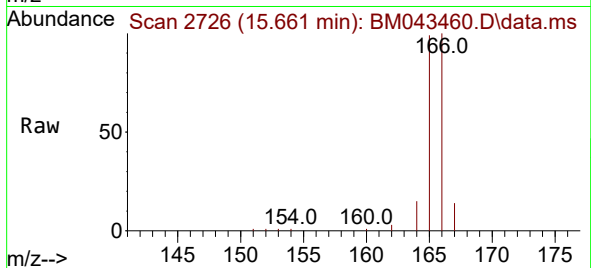
Tgt Ion:166 Resp: 12323

Ion Ratio Lower Upper

166 100

165 99.1 80.3 120.5

167 13.8 10.8 16.2



#14

Pentachlorophenol

Concen: 0.689 ng/ul

RT: 17.004 min Scan# 3037

Delta R.T. -0.004 min

Lab File: BM043460.D

Acq: 20 Dec 2023 12:16

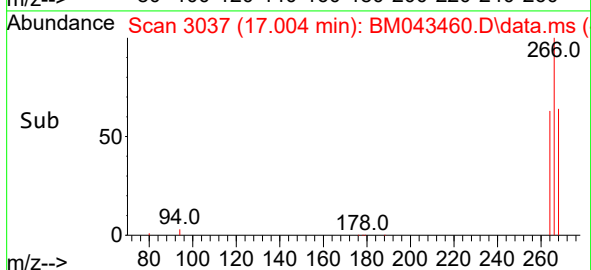
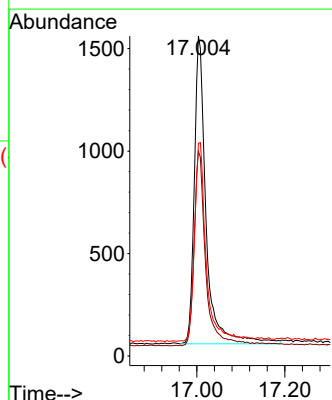
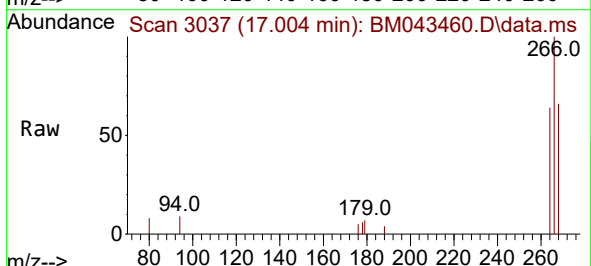
Tgt Ion:266 Resp: 2809

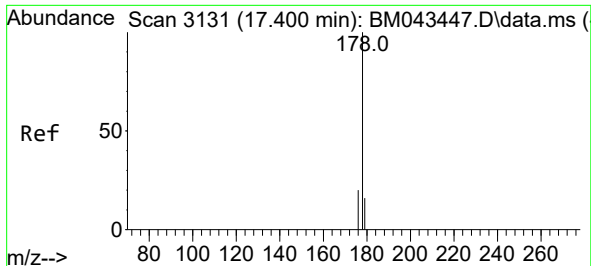
Ion Ratio Lower Upper

266 100

264 62.7 51.7 77.5

268 64.0 51.9 77.9

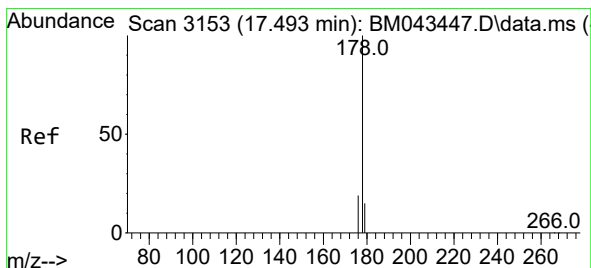
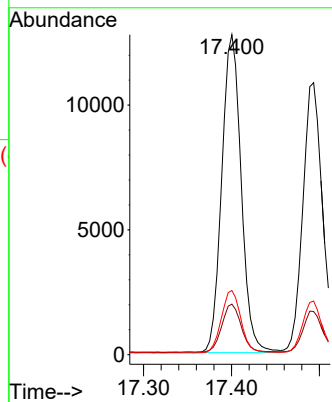
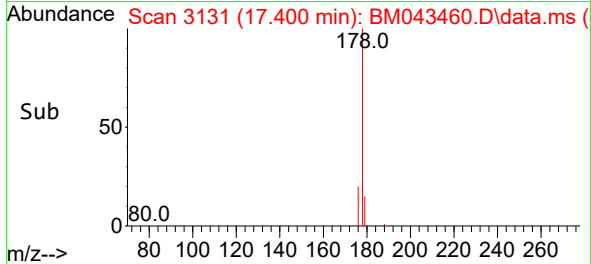
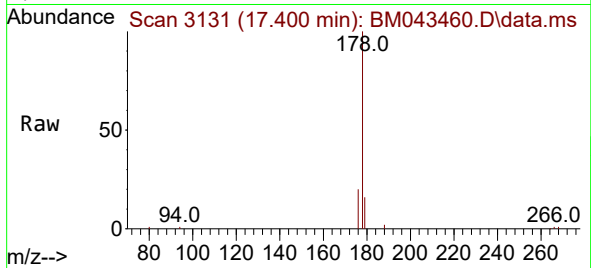




#15
Phenanthrene
Concen: 0.318 ng/ul
RT: 17.400 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

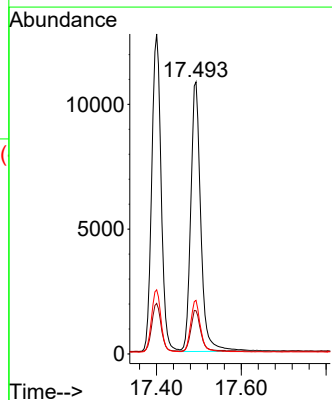
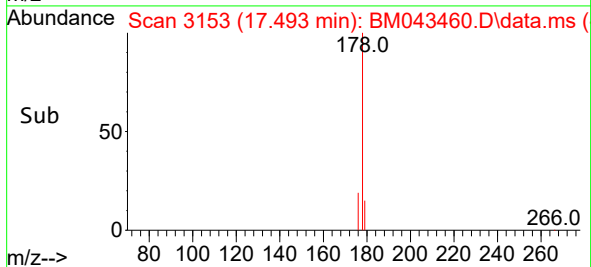
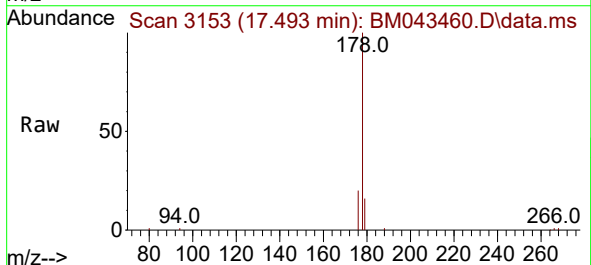
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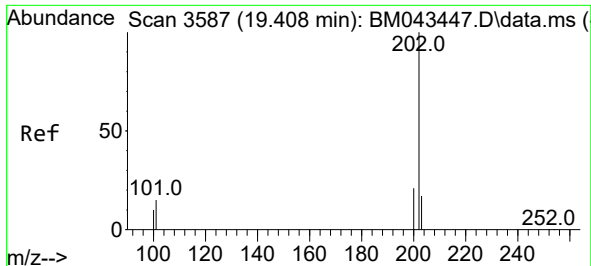
Tgt Ion:178 Resp: 19511
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 20.0 16.2 24.2



#16
Anthracene
Concen: 0.319 ng/ul
RT: 17.493 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Tgt Ion:178 Resp: 17756
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.7 15.6 23.4

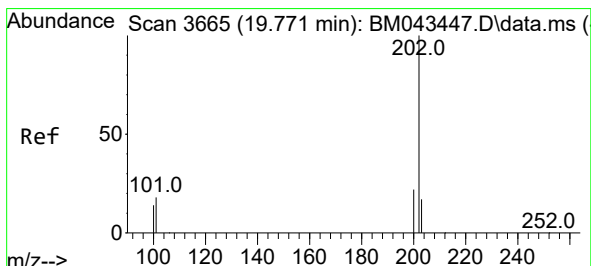
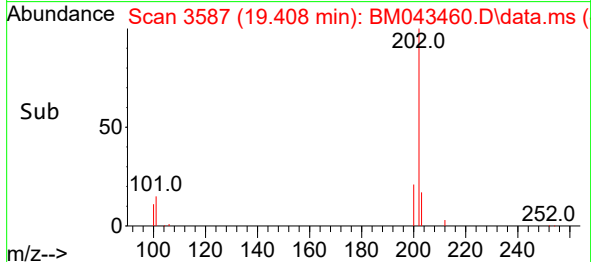
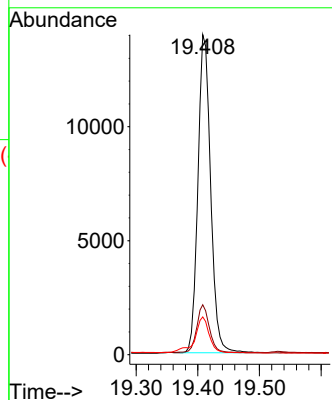
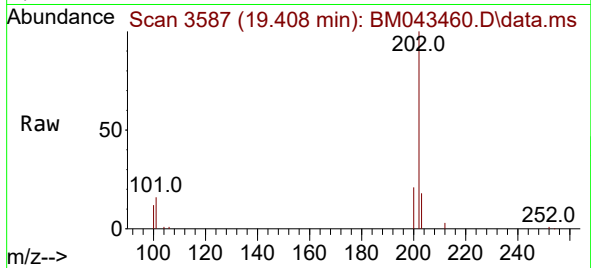




#19
Fluoranthene
Concen: 0.287 ng/ul
RT: 19.408 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

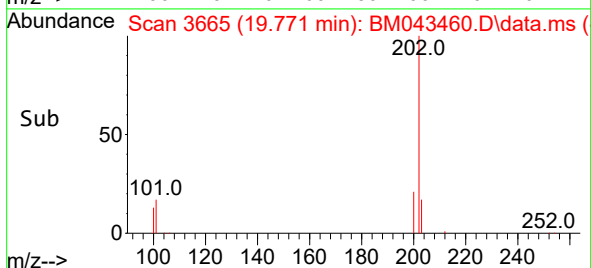
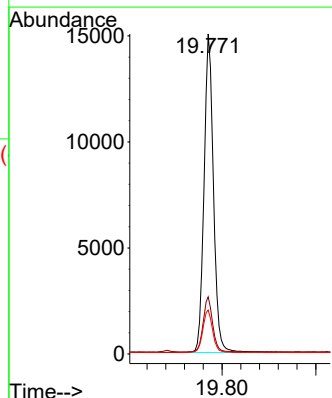
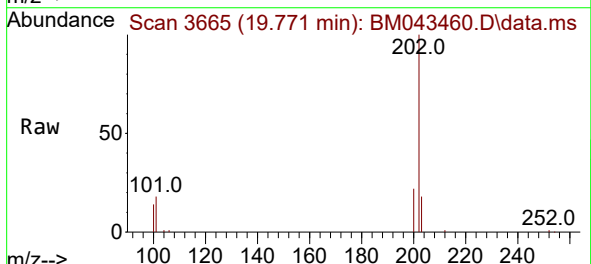
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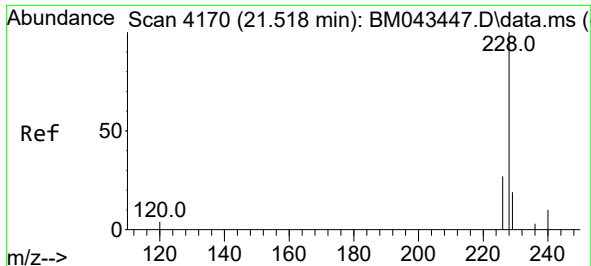
Tgt Ion:202 Resp: 20047
Ion Ratio Lower Upper
202 100
101 15.6 10.1 15.1#
100 11.8 7.4 11.2#



#20
Pyrene
Concen: 0.302 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Tgt Ion:202 Resp: 20932
Ion Ratio Lower Upper
202 100
101 17.9 12.7 19.1
100 13.7 9.8 14.8

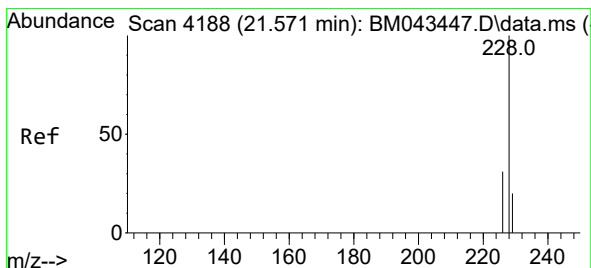
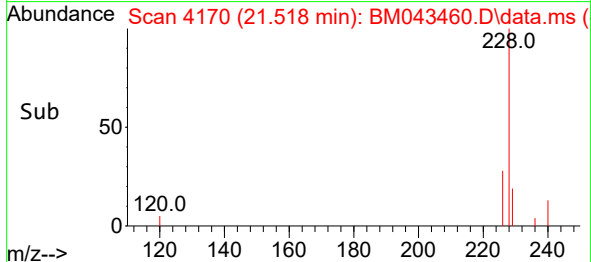
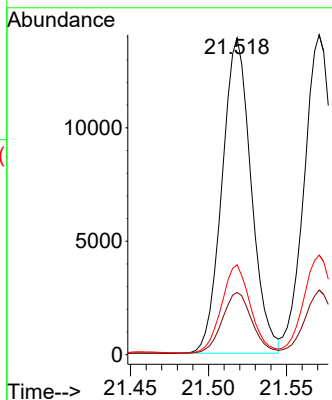
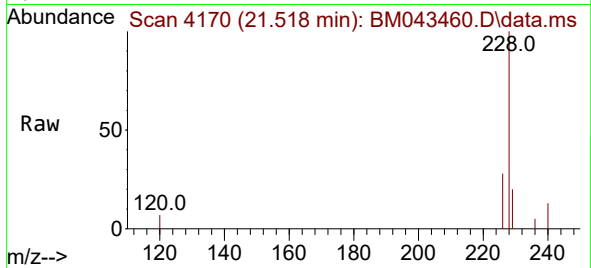




#21
Benzo(a)anthracene
Concen: 0.333 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

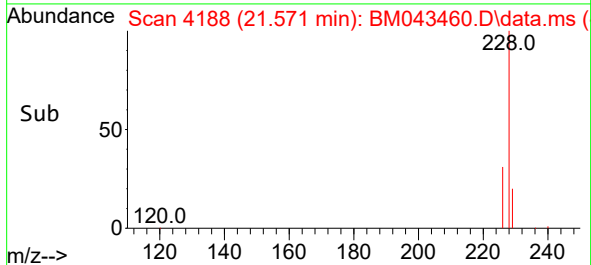
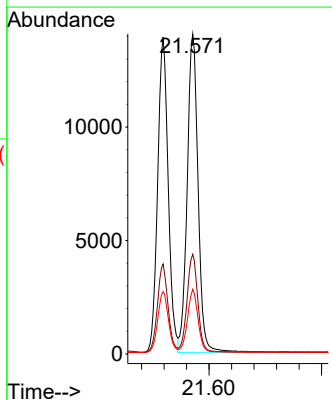
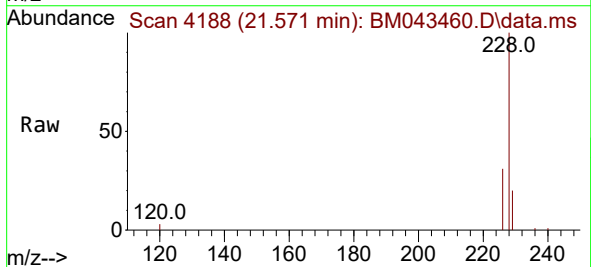
Instrument :
BNA_M
ClientSampleId :
SLCS898

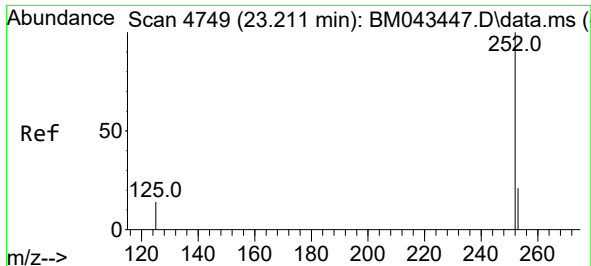
Tgt Ion:228 Resp: 18061
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 28.4 22.6 34.0



#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

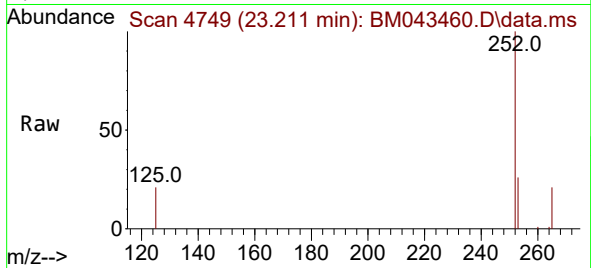
Tgt Ion:228 Resp: 18782
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 20.2 15.7 23.5



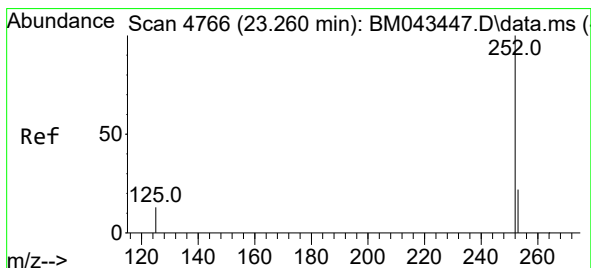
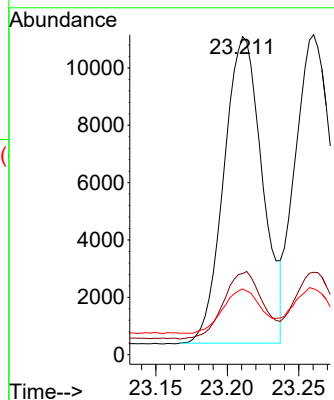


#24
Benzo(b)fluoranthene
Concen: 0.315 ng/ul
RT: 23.211 min Scan# 4749
Delta R.T. -0.006 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Instrument :
BNA_M
ClientSampleId :
SLCS898

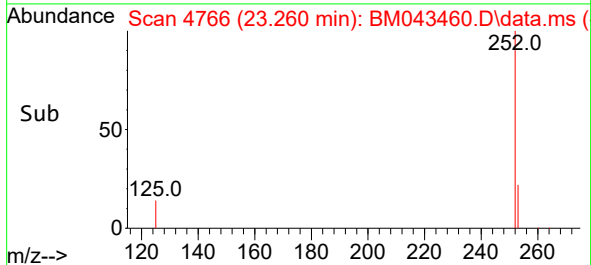
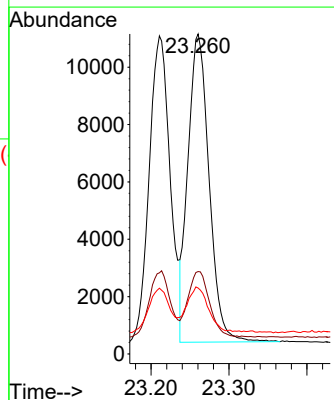
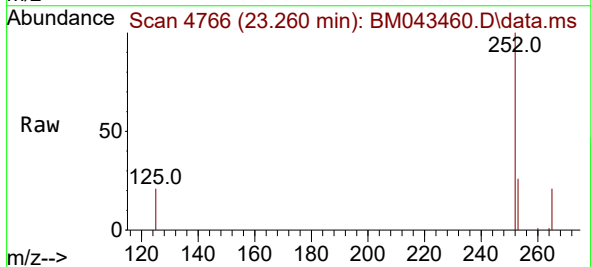


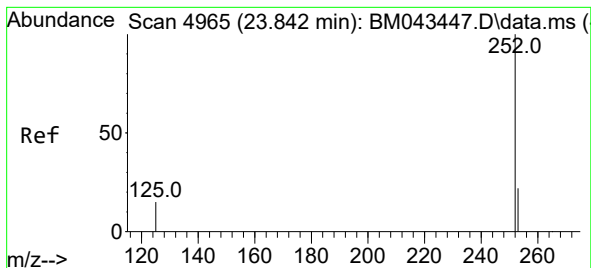
Tgt Ion:252 Resp: 20073
Ion Ratio Lower Upper
252 100
253 25.5 0.0 48.8
125 20.7 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.306 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Tgt Ion:252 Resp: 20242
Ion Ratio Lower Upper
252 100
253 25.8 18.6 28.0
125 20.6 11.8 17.8#





#26

Benzo(a)pyrene

Concen: 0.343 ng/ul

RT: 23.842 min Scan# 4965

Delta R.T. -0.006 min

Lab File: BM043460.D

Acq: 20 Dec 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SLCS898

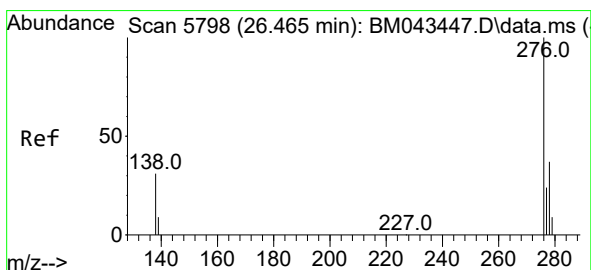
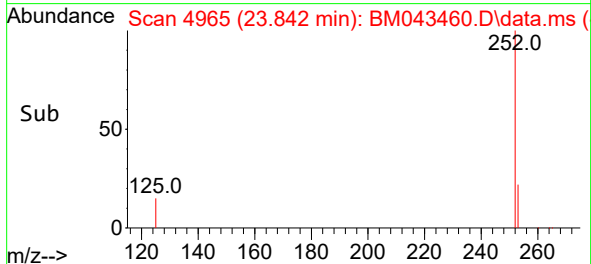
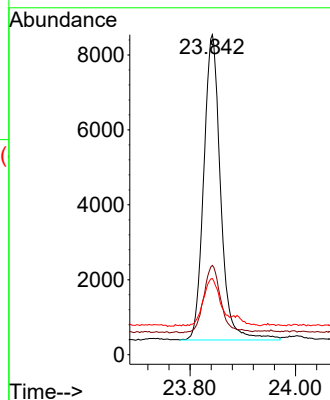
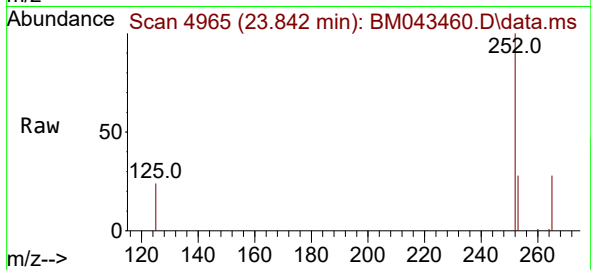
Tgt Ion:252 Resp: 18068

Ion Ratio Lower Upper

252 100

253 27.9 20.2 30.2

125 23.8 13.5 20.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.414 ng/ul

RT: 26.465 min Scan# 5798

Delta R.T. -0.011 min

Lab File: BM043460.D

Acq: 20 Dec 2023 12:16

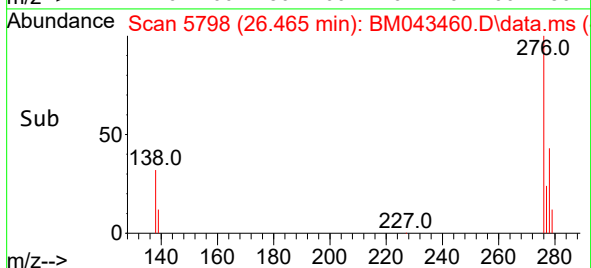
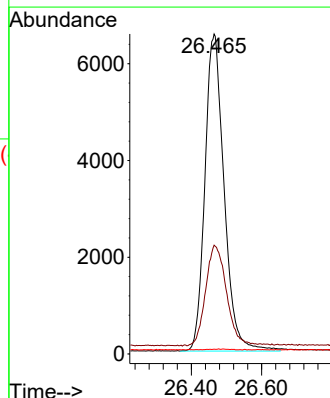
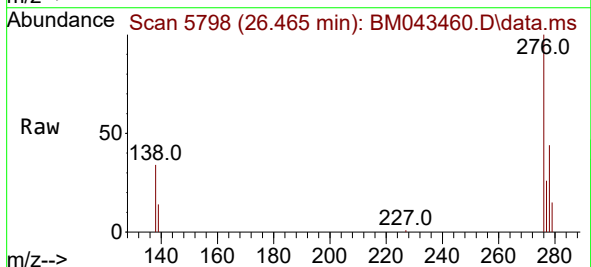
Tgt Ion:276 Resp: 24811

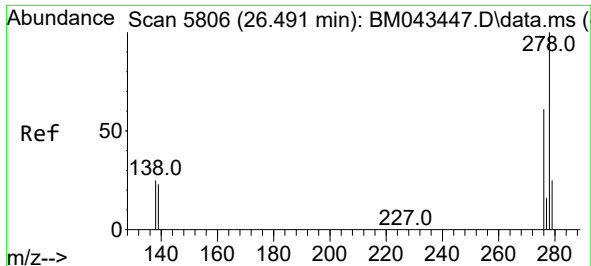
Ion Ratio Lower Upper

276 100

138 34.5 24.6 36.8

227 0.0 0.0 0.0#

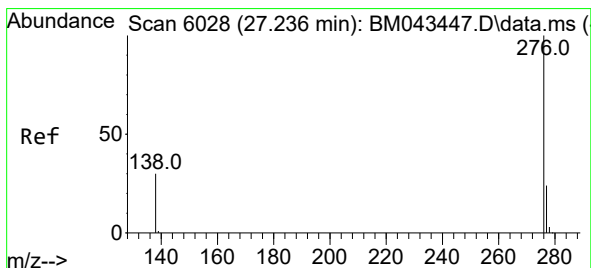
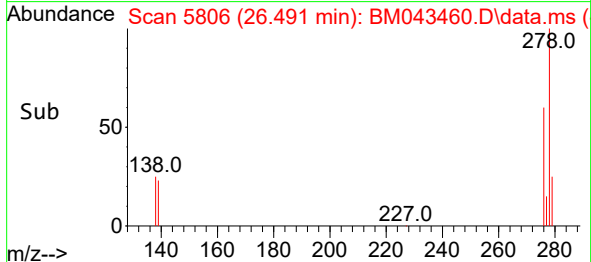
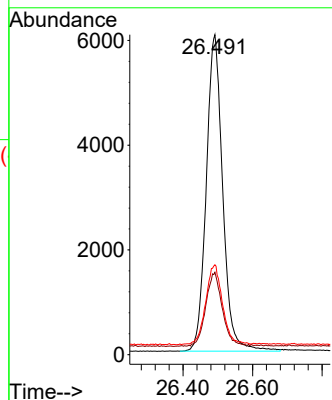
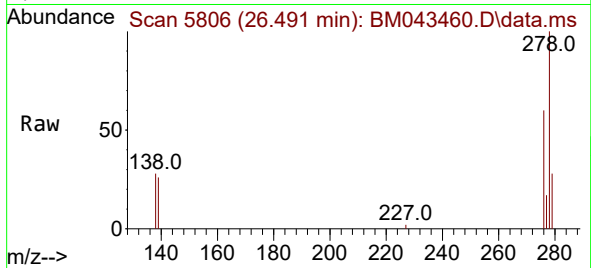




#28
Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 26.491 min Scan# 5806
Delta R.T. -0.007 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Instrument :
BNA_M
ClientSampleId :
SLCS898

Tgt Ion:278 Resp: 19890
Ion Ratio Lower Upper
278 100
139 25.8 17.4 26.2
279 28.1 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 27.236 min Scan# 6028
Delta R.T. -0.007 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Tgt Ion:276 Resp: 20820
Ion Ratio Lower Upper
276 100
138 32.5 23.1 34.7
277 25.7 19.4 29.0

