

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046261.D
 Acq On : 24 Jun 2024 19:57
 Operator : MA/JU
 Sample : PB161463BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS463

Quant Time: Jun 25 02:27:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

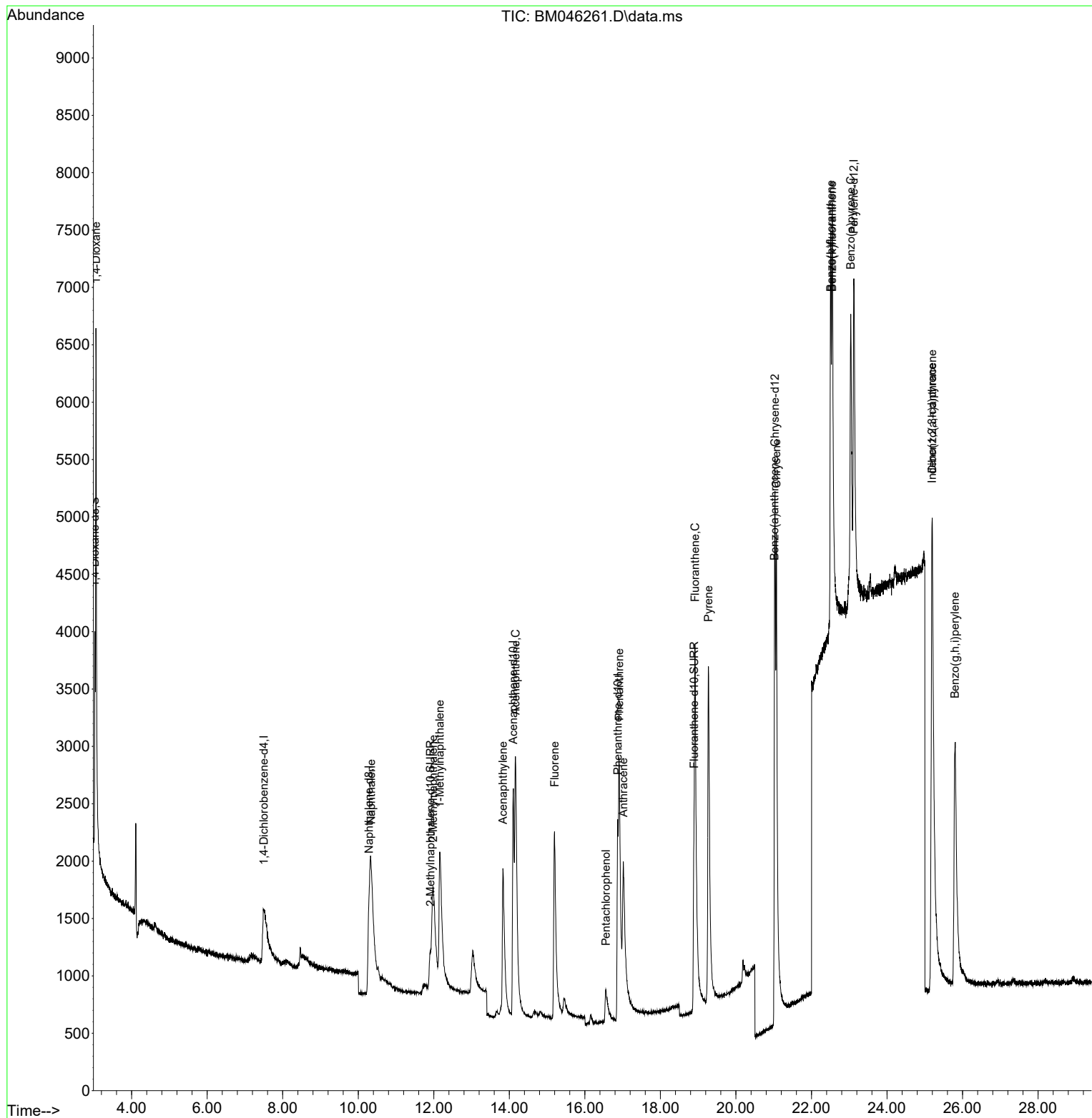
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.501	152	1203	0.400	ng/ul	# 0.04
4) Naphthalene-d8	10.282	136	4578	0.400	ng/ul	# 0.03
9) Acenaphthene-d10	14.104	164	2752	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	5154	0.400	ng/ul	0.00
17) Chrysene-d12	21.035	240	4144	0.400	ng/ul	0.00
23) Perylene-d12	23.121	264	5604	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	1222	0.740	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.910	152	1793	0.292	ng/ul	0.05
18) Fluoranthene-d10	18.891	212	3633	0.293	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.054	88	3227	1.743	ng/ul#	80
5) Naphthalene	10.343	128	3645	0.286	ng/ul#	87
7) 2-Methylnaphthalene	11.981	142	1932	0.269	ng/ul	92
8) 1-Methylnaphthalene	12.157	142	2409	0.306	ng/ul	100
10) Acenaphthylene	13.831	152	3871	0.297	ng/ul#	92
11) Acenaphthene	14.164	153	2931	0.311	ng/ul	96
12) Fluorene	15.196	166	2908	0.288	ng/ul#	99
14) Pentachlorophenol	16.559	266	700	0.453	ng/ul	97
15) Phenanthrene	16.913	178	4092	0.283	ng/ul#	92
16) Anthracene	17.019	178	2247	0.208	ng/ul	92
19) Fluoranthene	18.918	202	5531	0.308	ng/ul#	95
20) Pyrene	19.272	202	5975	0.308	ng/ul	97
21) Benzo(a)anthracene	21.020	228	4137	0.258	ng/ul	98
22) Chrysene	21.070	228	6336	0.310	ng/ul	97
24) Benzo(b)fluoranthene	22.510	252	5507	0.273	ng/ul	87
25) Benzo(k)fluoranthene	22.548	252	7462	0.311	ng/ul#	89
26) Benzo(a)pyrene	23.039	252	6016	0.322	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.189	276	8214	0.268	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.195	278	6346	0.278	ng/ul#	90
29) Benzo(g,h,i)perylene	25.799	276	7241	0.276	ng/ul	95

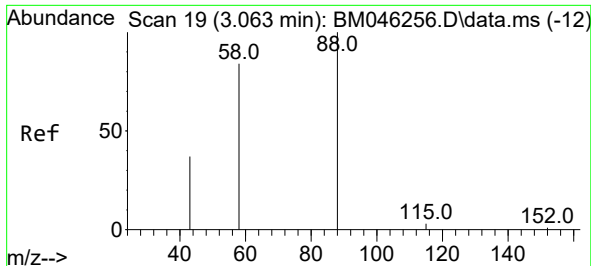
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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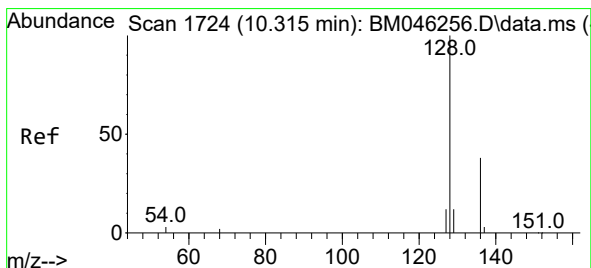
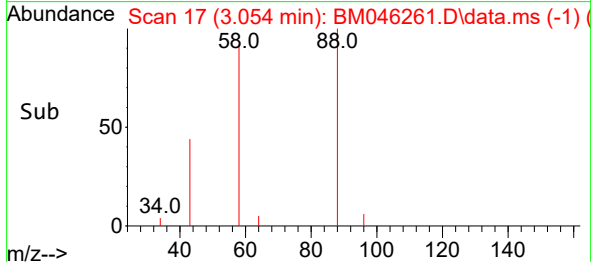
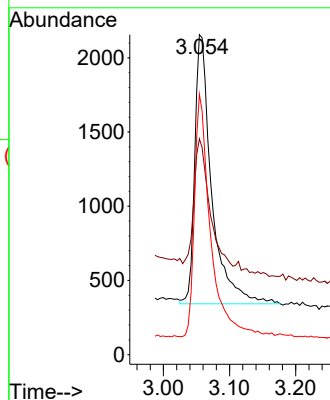
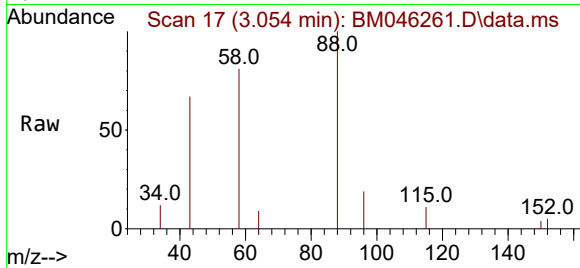




#2
1,4-Dioxane
Concen: 1.743 ng/ul
RT: 3.054 min Scan# 11
Delta R.T. -0.021 min
Lab File: BM046261.D
Acq: 24 Jun 2024 19:57

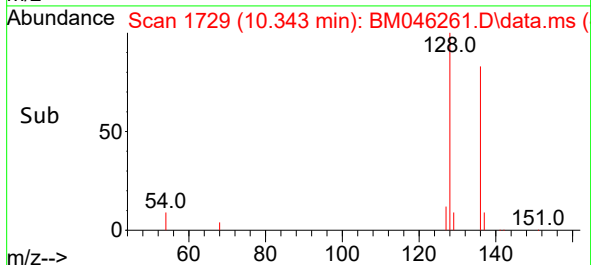
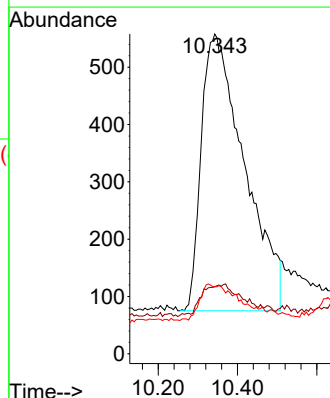
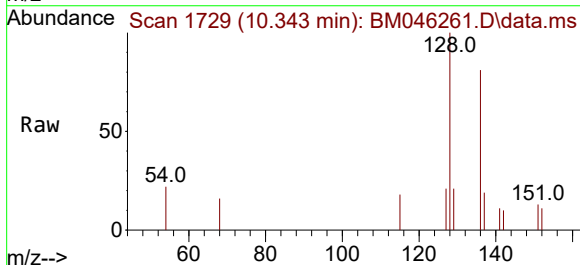
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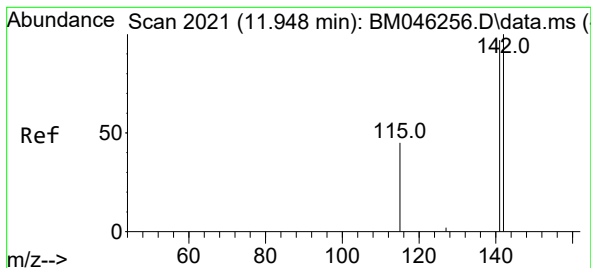
Tgt Ion: 88 Resp: 3227
Ion Ratio Lower Upper
88 100
43 67.4 69.8 104.8#
58 81.4 53.2 79.8#



#5
Naphthalene
Concen: 0.286 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. 0.040 min
Lab File: BM046261.D
Acq: 24 Jun 2024 19:57

Tgt Ion: 128 Resp: 3645
Ion Ratio Lower Upper
128 100
129 21.0 11.8 17.6#
127 21.0 12.8 19.2#

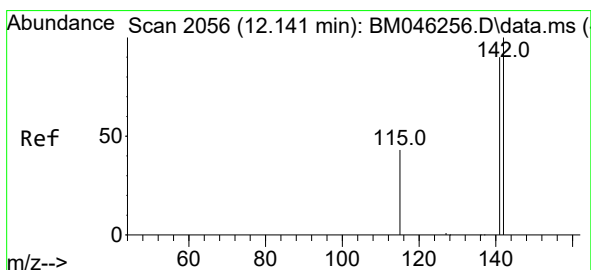
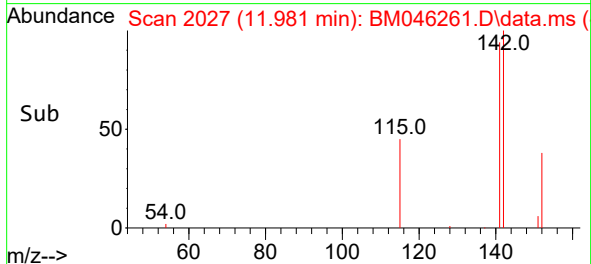
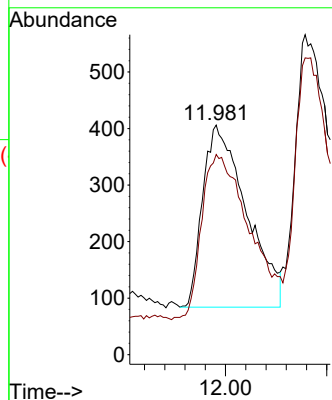
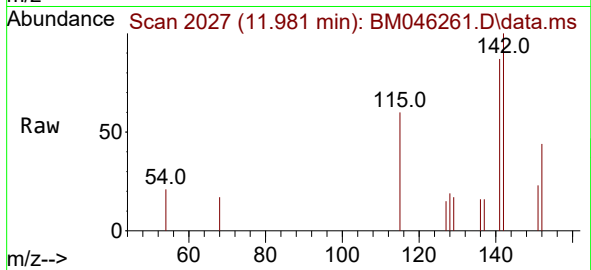




#7
2-Methylnaphthalene
Concen: 0.269 ng/ul
RT: 11.981 min Scan# 2027
Delta R.T. 0.034 min
Lab File: BM046261.D
Acq: 24 Jun 2024 19:57

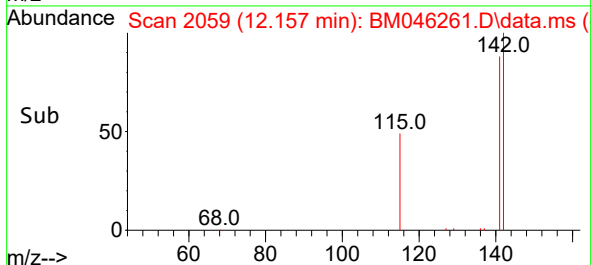
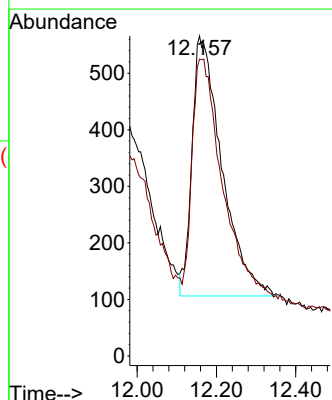
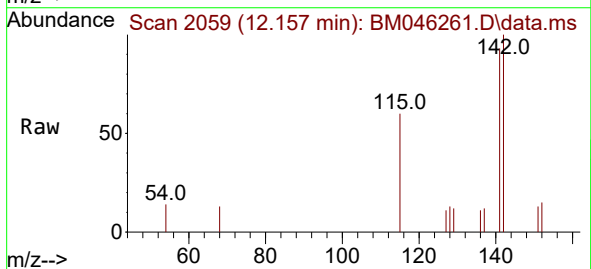
Instrument :
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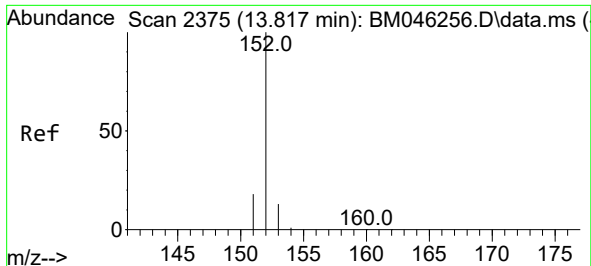
Tgt Ion:142 Resp: 1932
Ion Ratio Lower Upper
142 100
141 100.9 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.157 min Scan# 2059
Delta R.T. 0.007 min
Lab File: BM046261.D
Acq: 24 Jun 2024 19:57

Tgt Ion:142 Resp: 2409
Ion Ratio Lower Upper
142 100
141 93.8 75.2 112.8

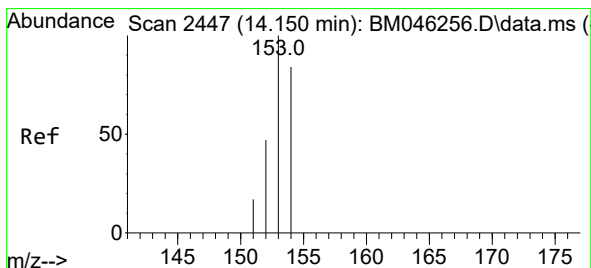
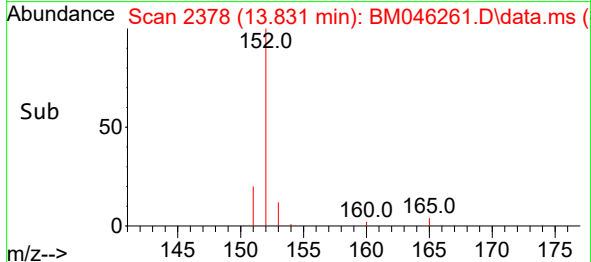
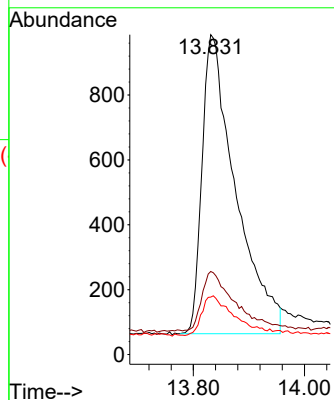
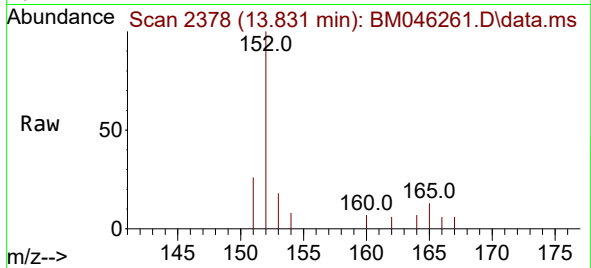




#10
Acenaphthylene
Concen: 0.297 ng/ul
RT: 13.831 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM046261.D
Acq: 24 Jun 2024 19:57

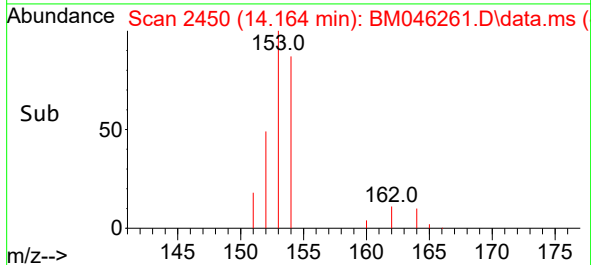
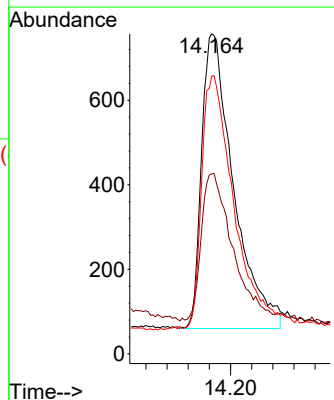
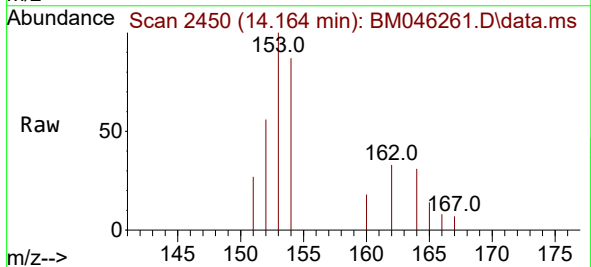
Instrument :
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ClientSampleId :
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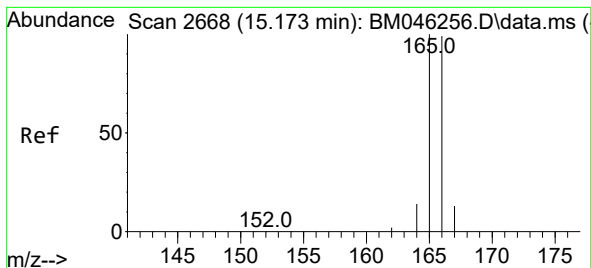
Tgt Ion:152 Resp: 3871
Ion Ratio Lower Upper
152 100
151 26.0 17.4 26.2
153 18.0 11.8 17.8#



#11
Acenaphthene
Concen: 0.311 ng/ul
RT: 14.164 min Scan# 2450
Delta R.T. -0.008 min
Lab File: BM046261.D
Acq: 24 Jun 2024 19:57

Tgt Ion:153 Resp: 2931
Ion Ratio Lower Upper
153 100
152 56.3 41.3 61.9
154 86.8 68.2 102.4





#12

Fluorene

Concen: 0.288 ng/ul

RT: 15.196 min Scan# 2

Delta R.T. 0.015 min

Lab File: BM046261.D

Acq: 24 Jun 2024 19:57

Instrument :

BNA_M

ClientSampleId :

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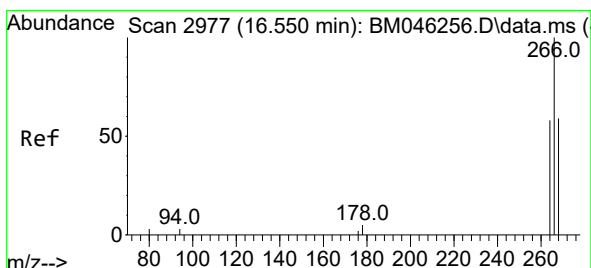
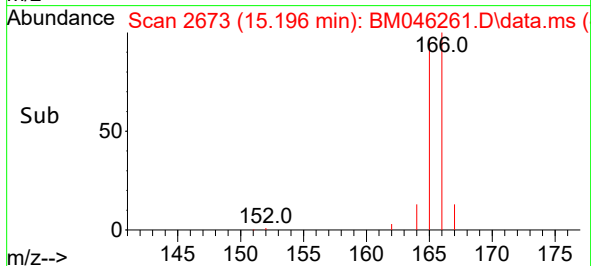
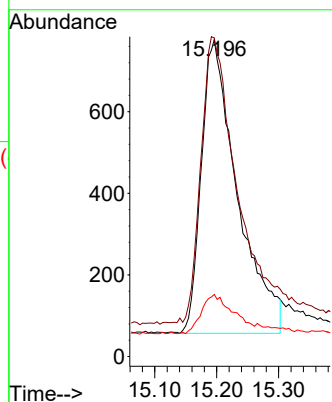
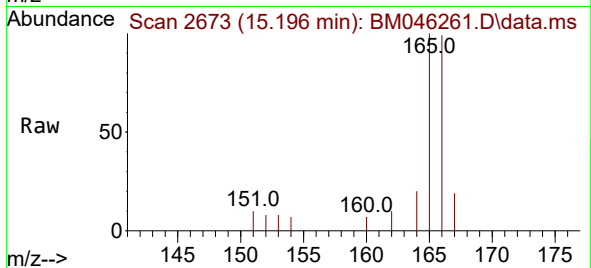
Tgt Ion:166 Resp: 2908

Ion Ratio Lower Upper

166 100

165 100.5 80.4 120.6

167 19.6 12.4 18.6#



#14

Pentachlorophenol

Concen: 0.453 ng/ul

RT: 16.559 min Scan# 2979

Delta R.T. -0.007 min

Lab File: BM046261.D

Acq: 24 Jun 2024 19:57

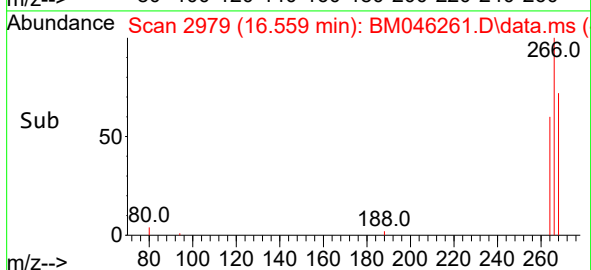
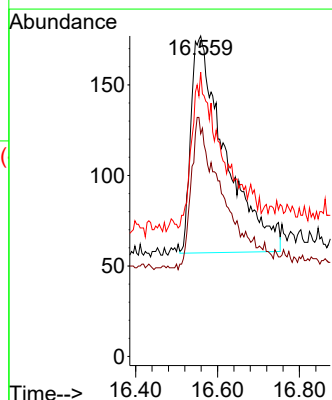
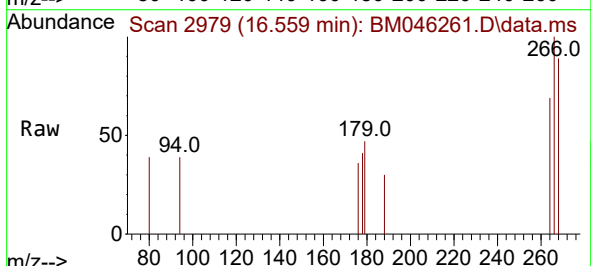
Tgt Ion:266 Resp: 700

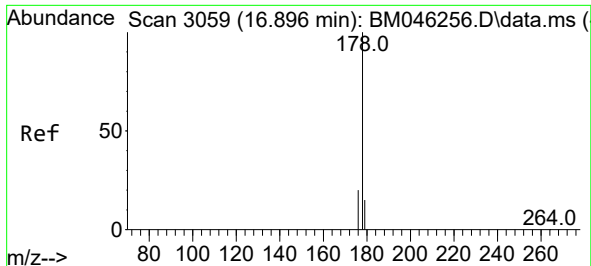
Ion Ratio Lower Upper

266 100

264 66.3 50.9 76.3

268 67.7 52.3 78.5

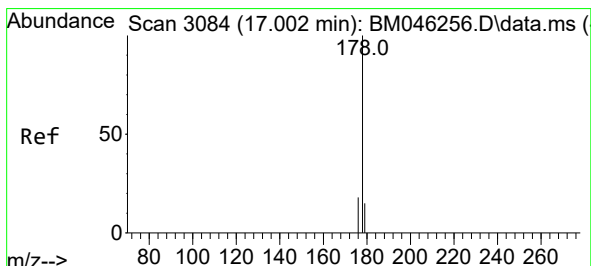
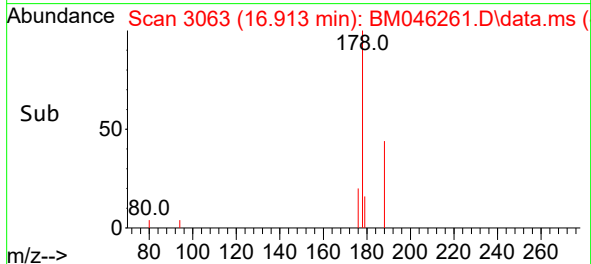
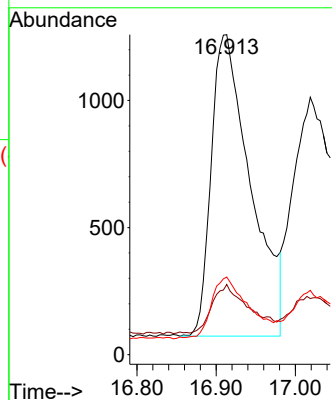
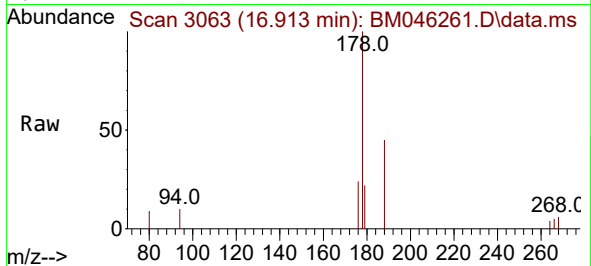




#15
Phenanthrene
Concen: 0.283 ng/ul
RT: 16.913 min Scan# 3063
Delta R.T. 0.010 min
Lab File: BM046261.D
Acq: 24 Jun 2024 19:57

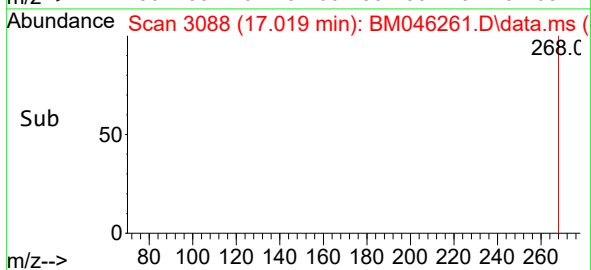
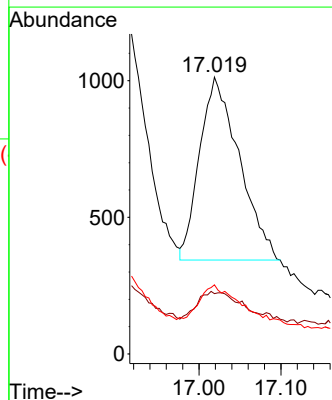
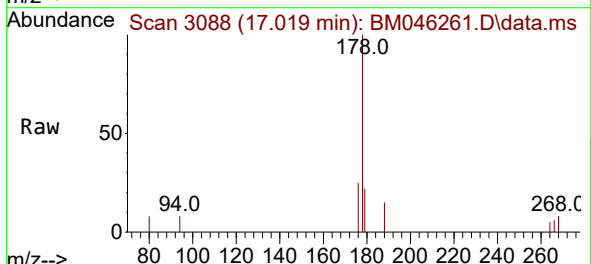
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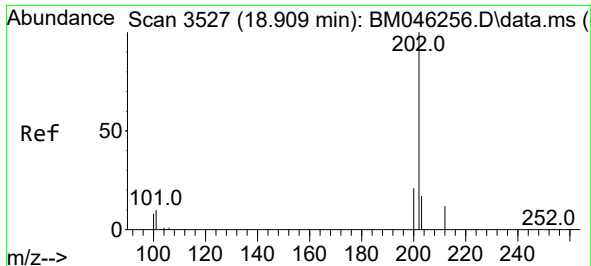
Tgt Ion:178 Resp: 4092
Ion Ratio Lower Upper
178 100
179 21.9 14.2 21.2#
176 24.2 17.1 25.7



#16
Anthracene
Concen: 0.208 ng/ul
RT: 17.019 min Scan# 3088
Delta R.T. 0.014 min
Lab File: BM046261.D
Acq: 24 Jun 2024 19:57

Tgt Ion:178 Resp: 2247
Ion Ratio Lower Upper
178 100
179 21.8 14.9 22.3
176 25.0 17.0 25.4

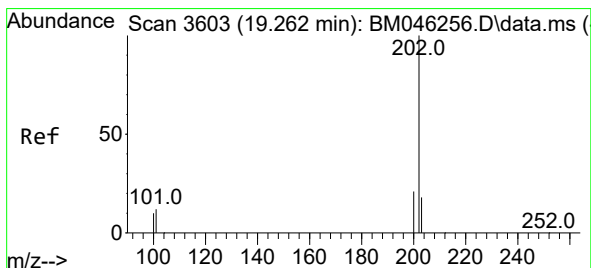
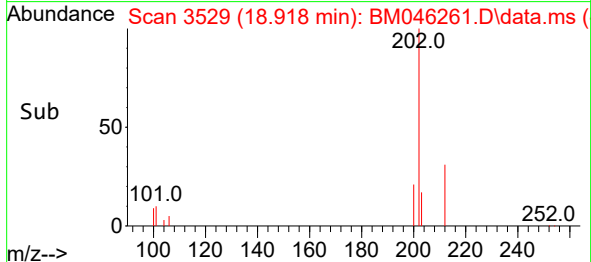
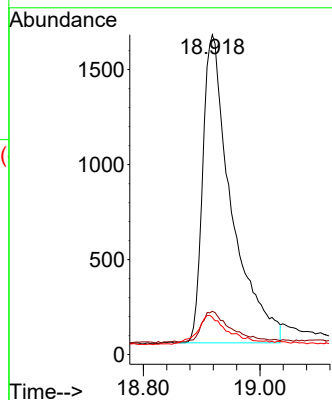
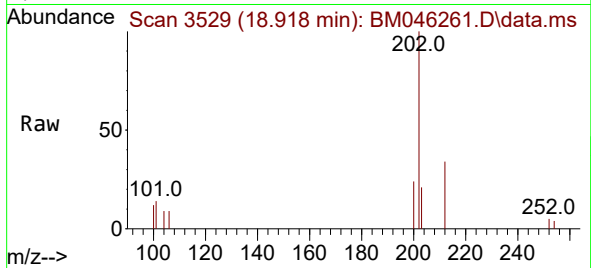




#19
Fluoranthene
Concen: 0.308 ng/ul
RT: 18.918 min Scan# 3529
Delta R.T. 0.001 min
Lab File: BM046261.D
Acq: 24 Jun 2024 19:57

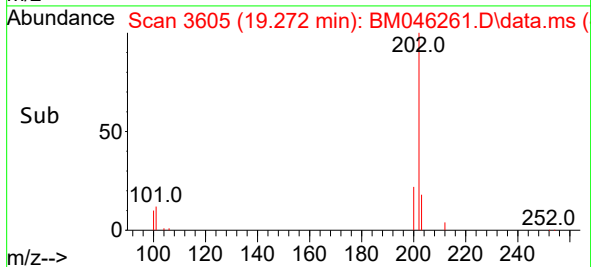
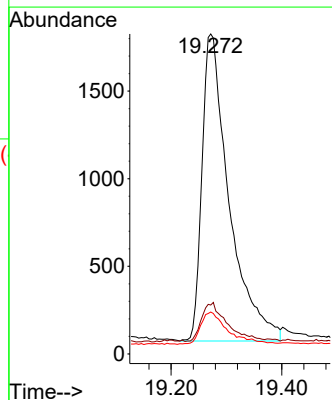
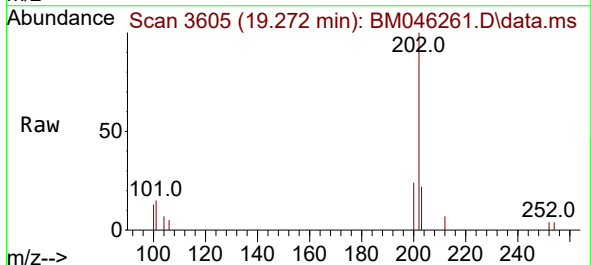
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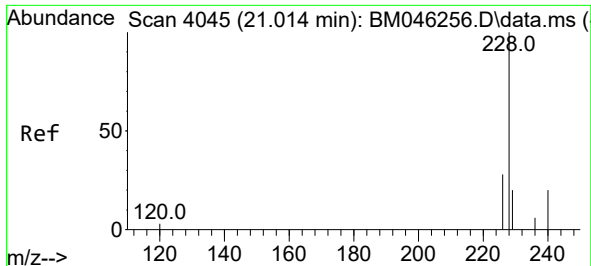
Tgt Ion:202 Resp: 5531
Ion Ratio Lower Upper
202 100
101 13.5 9.6 14.4
100 11.6 7.6 11.4#



#20
Pyrene
Concen: 0.308 ng/ul
RT: 19.272 min Scan# 3605
Delta R.T. -0.003 min
Lab File: BM046261.D
Acq: 24 Jun 2024 19:57

Tgt Ion:202 Resp: 5975
Ion Ratio Lower Upper
202 100
101 15.3 11.3 16.9
100 13.1 9.8 14.6

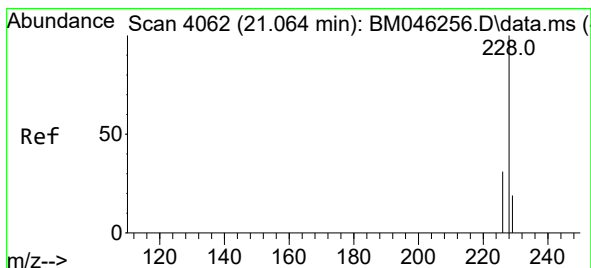
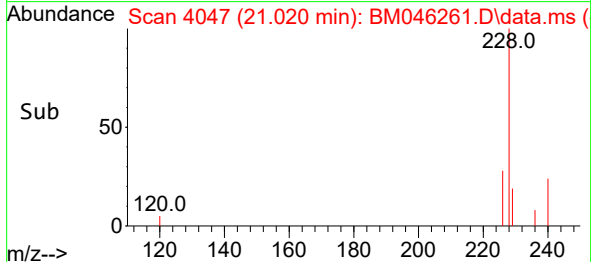
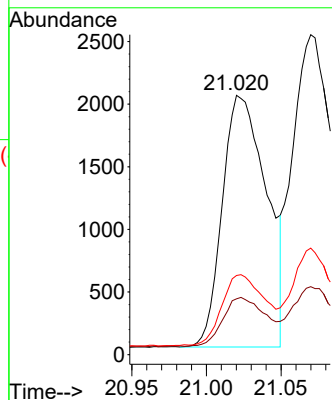
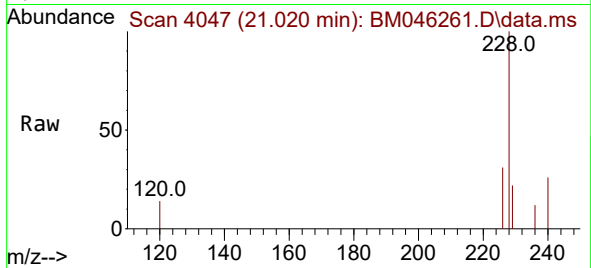




#21
Benzo(a)anthracene
Concen: 0.258 ng/ul
RT: 21.020 min Scan# 4047
Delta R.T. -0.009 min
Lab File: BM046261.D
Acq: 24 Jun 2024 19:57

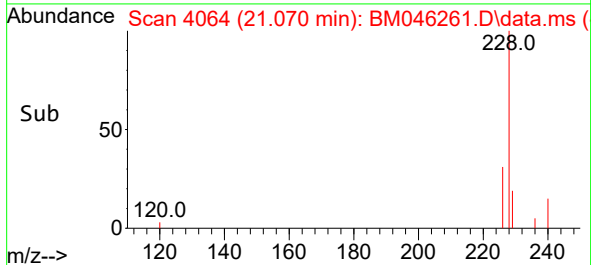
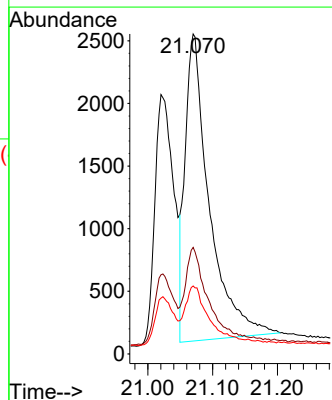
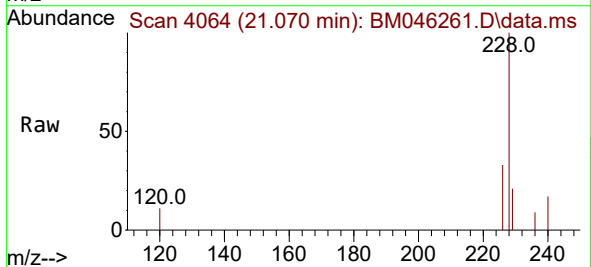
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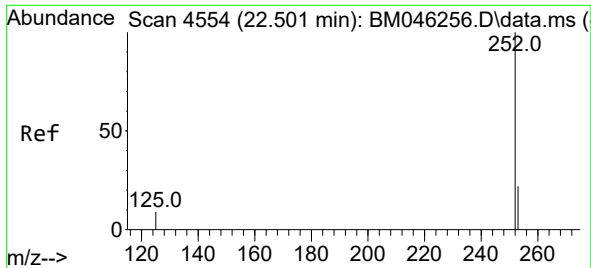
Tgt Ion:228 Resp: 4137
Ion Ratio Lower Upper
228 100
229 21.5 16.4 24.6
226 30.5 23.4 35.2



#22
Chrysene
Concen: 0.310 ng/ul
RT: 21.070 min Scan# 4064
Delta R.T. -0.006 min
Lab File: BM046261.D
Acq: 24 Jun 2024 19:57

Tgt Ion:228 Resp: 6336
Ion Ratio Lower Upper
228 100
226 33.3 25.2 37.8
229 21.3 16.3 24.5

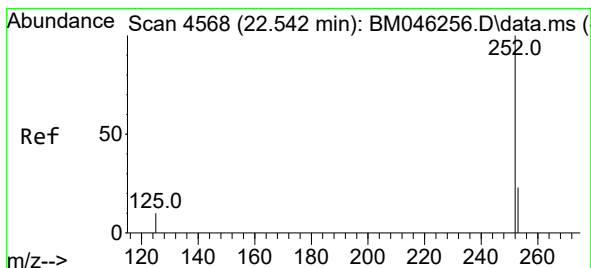
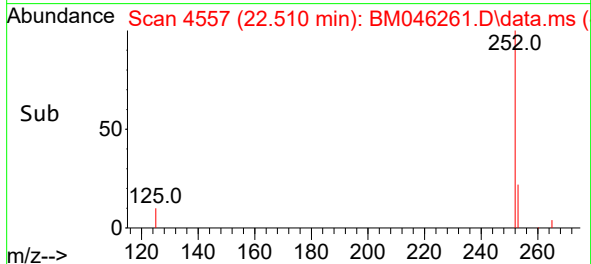
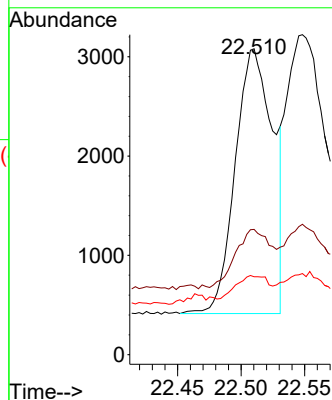
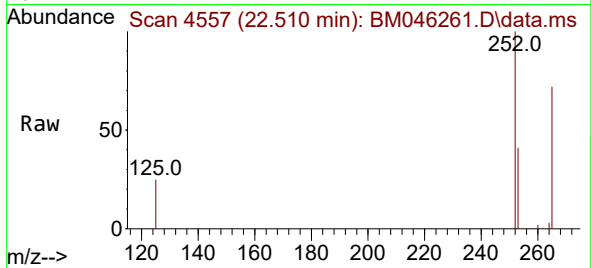




#24
Benzo(b)fluoranthene
Concen: 0.273 ng/ul
RT: 22.510 min Scan# 4557
Delta R.T. -0.009 min
Lab File: BM046261.D
Acq: 24 Jun 2024 19:57

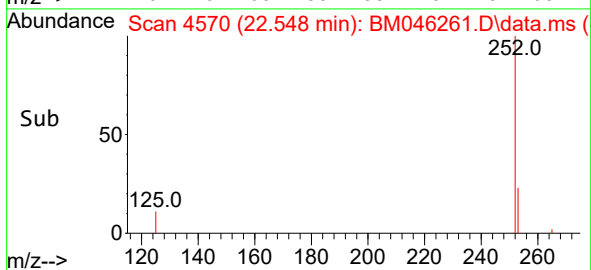
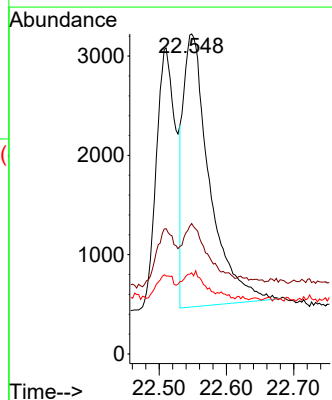
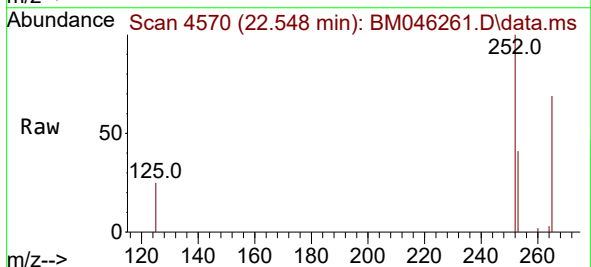
Instrument :
BNA_M
ClientSampleId :
SLCS463

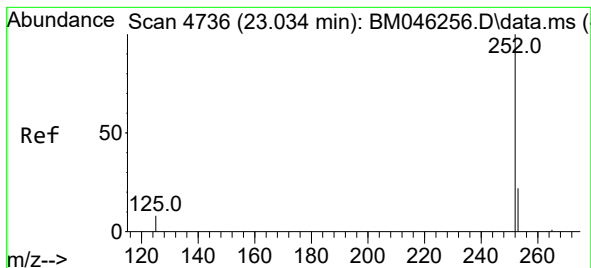
Tgt Ion:252 Resp: 5507
Ion Ratio Lower Upper
252 100
253 40.9 0.0 65.8
125 25.4 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.311 ng/ul
RT: 22.548 min Scan# 4570
Delta R.T. -0.015 min
Lab File: BM046261.D
Acq: 24 Jun 2024 19:57

Tgt Ion:252 Resp: 7462
Ion Ratio Lower Upper
252 100
253 40.8 27.2 40.8
125 25.3 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.322 ng/ul

RT: 23.039 min Scan# 4736

Delta R.T. -0.015 min

Lab File: BM046261.D

Acq: 24 Jun 2024 19:57

Instrument :

BNA_M

ClientSampleId :

SLCS463

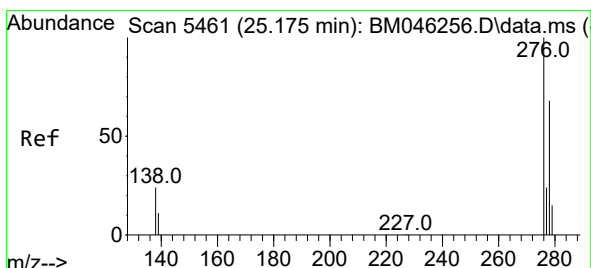
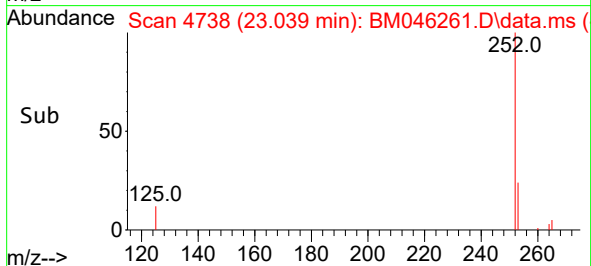
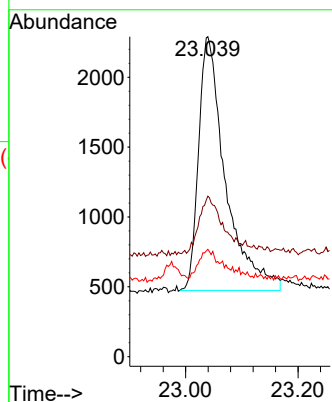
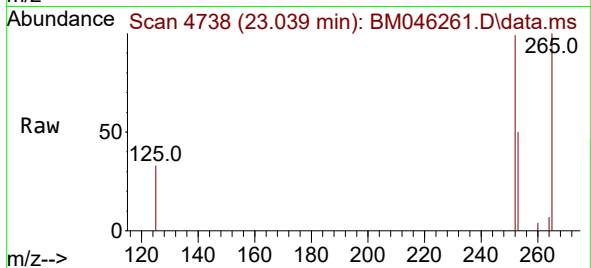
Tgt Ion:252 Resp: 6016

Ion Ratio Lower Upper

252 100

253 50.2 32.1 48.1#

125 33.5 21.2 31.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.268 ng/ul

RT: 25.189 min Scan# 5465

Delta R.T. -0.014 min

Lab File: BM046261.D

Acq: 24 Jun 2024 19:57

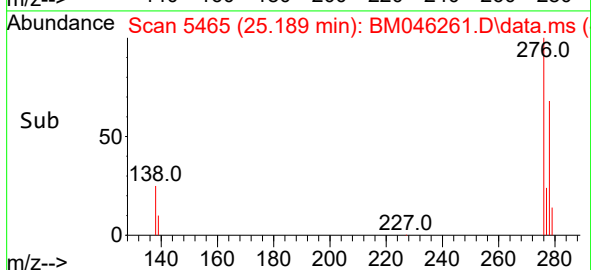
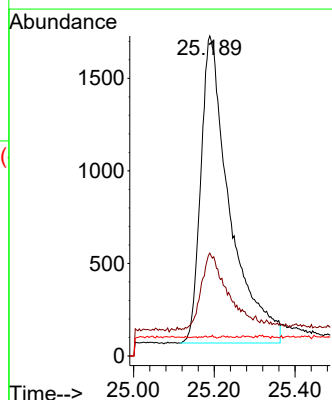
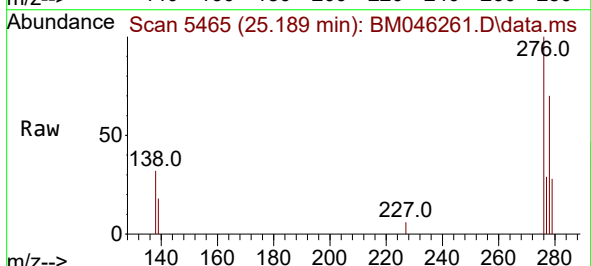
Tgt Ion:276 Resp: 8214

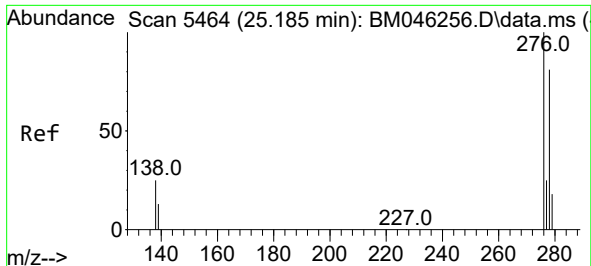
Ion Ratio Lower Upper

276 100

138 24.4 21.0 31.4

227 0.1 0.0 0.0#

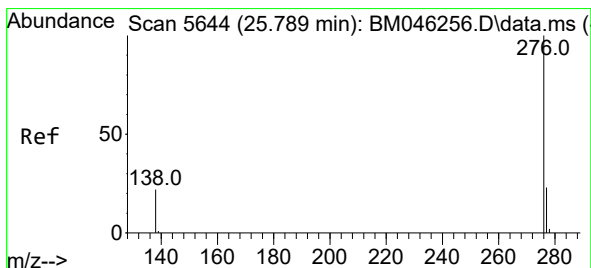
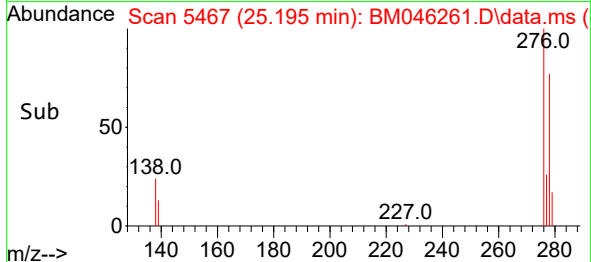
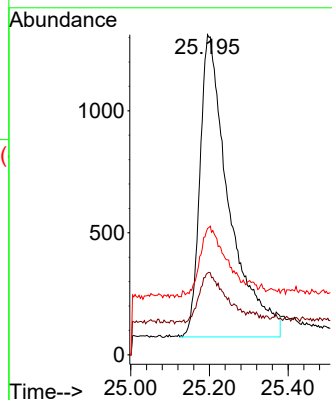
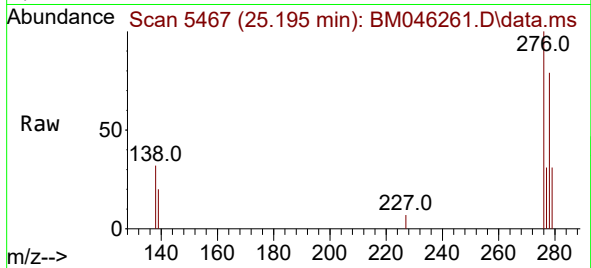




#28
Dibenzo(a,h)anthracene
Concen: 0.278 ng/ul
RT: 25.195 min Scan# 5464
Delta R.T. -0.021 min
Lab File: BM046261.D
Acq: 24 Jun 2024 19:57

Instrument :
BNA_M
ClientSampleId :
SLCS463

Tgt Ion:278 Resp: 6346
Ion Ratio Lower Upper
278 100
139 25.5 17.6 26.4
279 39.5 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 0.276 ng/ul
RT: 25.799 min Scan# 5647
Delta R.T. -0.031 min
Lab File: BM046261.D
Acq: 24 Jun 2024 19:57

Tgt Ion:276 Resp: 7241
Ion Ratio Lower Upper
276 100
138 29.5 21.7 32.5
277 28.2 20.4 30.6

