

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046139.D
 Acq On : 21 Jun 2024 00:53
 Operator : MA/JU
 Sample : PB161389BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS391

Quant Time: Jun 21 02:50:08 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

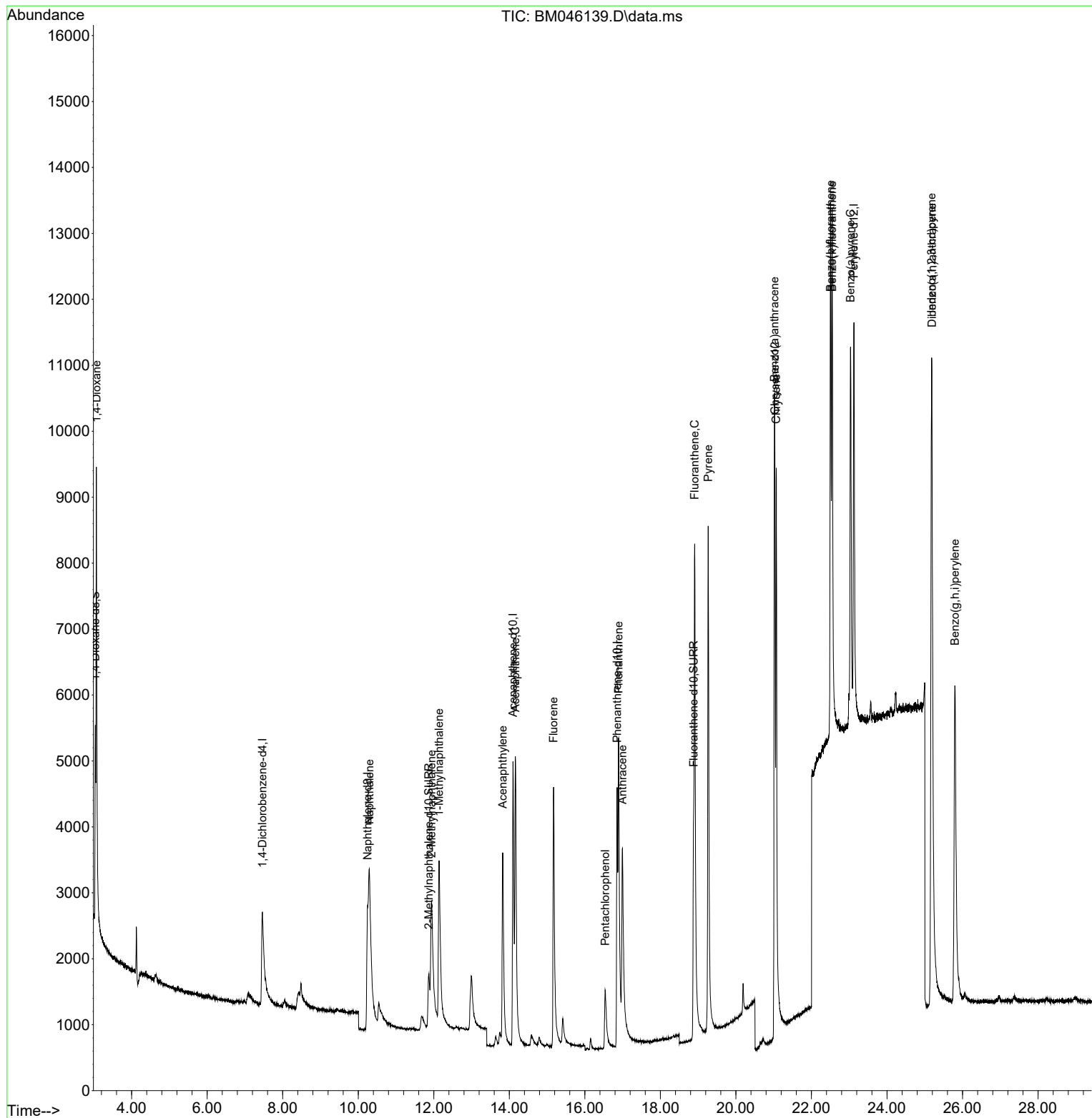
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	2284	0.400	ng/ul	0.00
4) Naphthalene-d8	10.248	136	7245	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.098	164	4252	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.853	188	8250	0.400	ng/ul	0.00
17) Chrysene-d12	21.032	240	6760	0.400	ng/ul	-0.01
23) Perylene-d12	23.125	264	9117	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	1842	0.588	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.870	152	3025	0.311	ng/ul	0.00
18) Fluoranthene-d10	18.880	212	6295	0.311	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.067	88	4857	1.382	ng/ul#	77
5) Naphthalene	10.292	128	6429	0.318	ng/ul	98
7) 2-Methylnaphthalene	11.936	142	3543	0.312	ng/ul	99
8) 1-Methylnaphthalene	12.139	142	3752	0.301	ng/ul	99
10) Acenaphthylene	13.825	152	6536	0.324	ng/ul	98
11) Acenaphthene	14.158	153	4581	0.315	ng/ul	97
12) Fluorene	15.172	166	4834	0.309	ng/ul	98
14) Pentachlorophenol	16.540	266	1519	0.614	ng/ul	98
15) Phenanthrene	16.895	178	7232	0.312	ng/ul	99
16) Anthracene	16.996	178	5279	0.306	ng/ul	99
19) Fluoranthene	18.908	202	9895	0.338	ng/ul	99
20) Pyrene	19.266	202	10370	0.328	ng/ul	99
21) Benzo(a)anthracene	21.018	228	8554	0.328	ng/ul	99
22) Chrysene	21.067	228	10921	0.328	ng/ul	99
24) Benzo(b)fluoranthene	22.505	252	10794	0.329	ng/ul	99
25) Benzo(k)fluoranthene	22.546	252	12363	0.317	ng/ul	99
26) Benzo(a)pyrene	23.034	252	10894	0.358	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.182	276	14459	0.290	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.189	278	11301	0.305	ng/ul	99
29) Benzo(g,h,i)perylene	25.796	276	12364	0.289	ng/ul	99

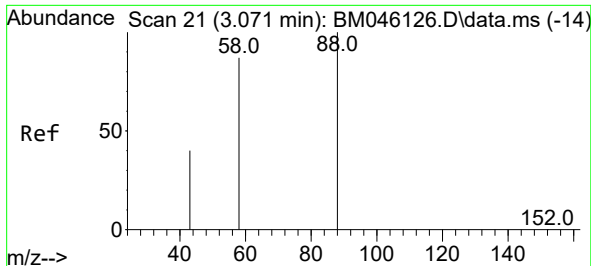
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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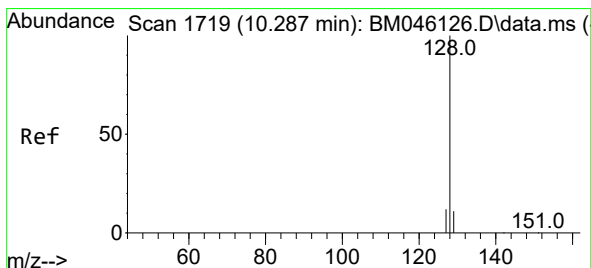
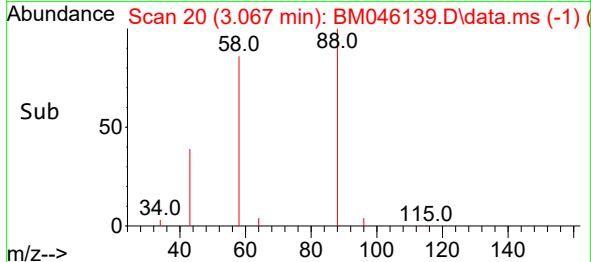
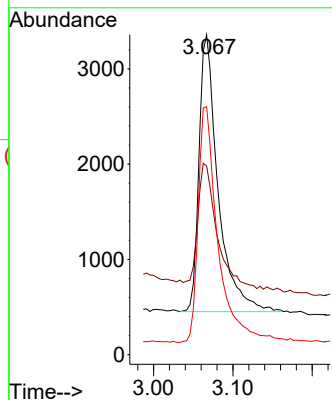
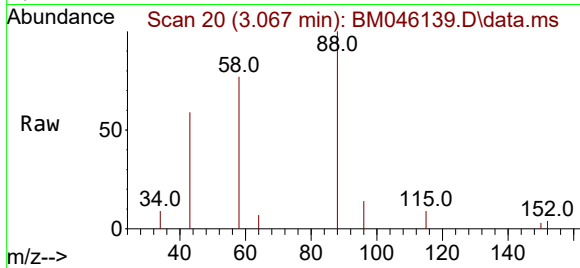




#2
1,4-Dioxane
Concen: 1.382 ng/ul
RT: 3.067 min Scan# 20
Delta R.T. -0.008 min
Lab File: BM046139.D
Acq: 21 Jun 2024 00:53

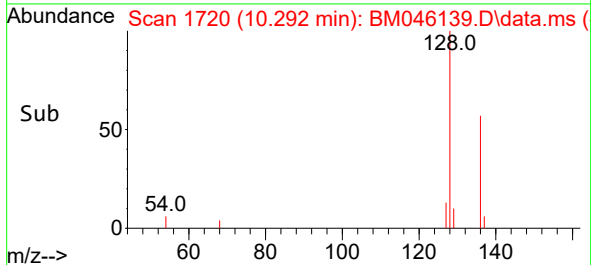
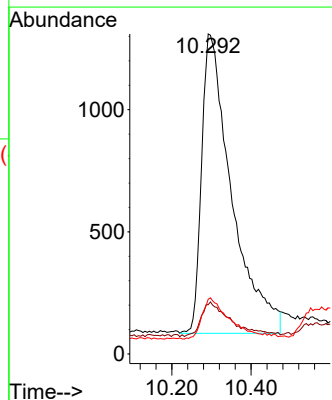
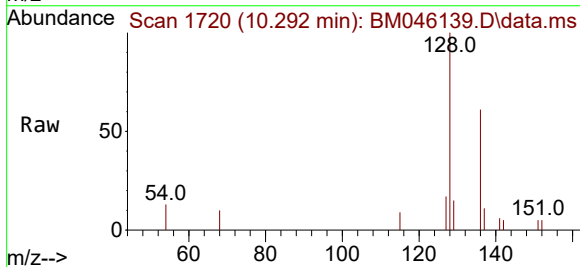
Instrument :
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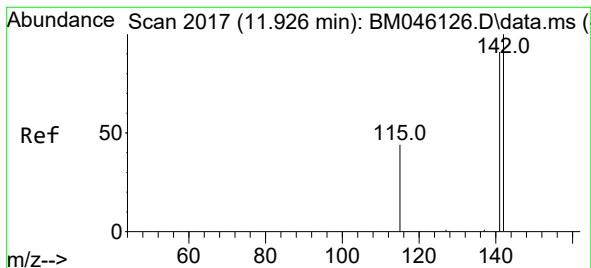
Tgt Ion: 88 Resp: 4857
Ion Ratio Lower Upper
88 100
43 59.0 69.8 104.8#
58 77.5 53.2 79.8



#5
Naphthalene
Concen: 0.318 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.011 min
Lab File: BM046139.D
Acq: 21 Jun 2024 00:53

Tgt Ion: 128 Resp: 6429
Ion Ratio Lower Upper
128 100
129 15.4 11.8 17.6
127 17.1 12.8 19.2

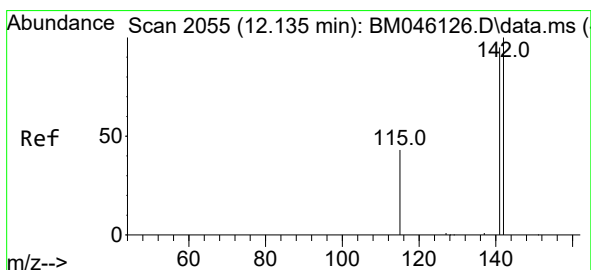
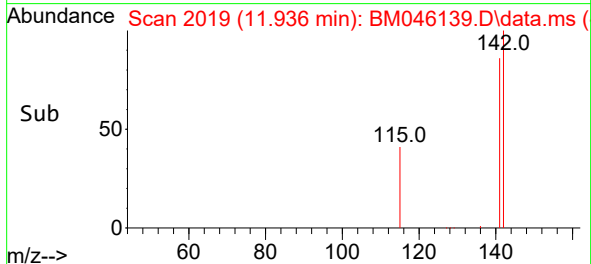
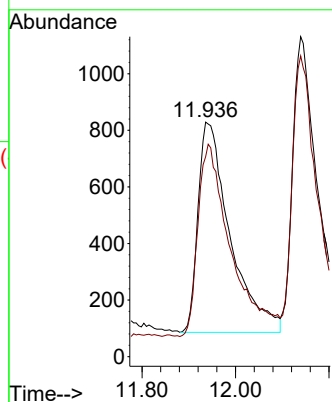
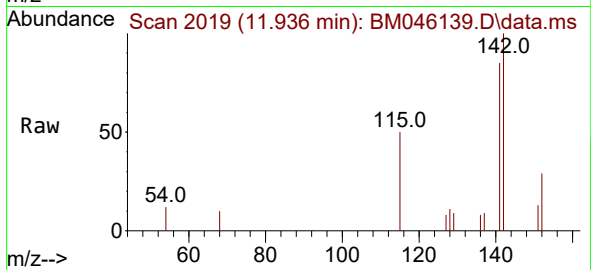




#7
2-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 11.936 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BM046139.D
Acq: 21 Jun 2024 00:53

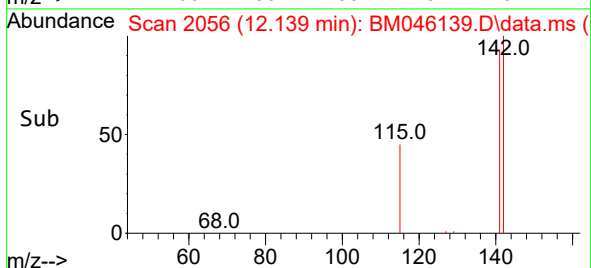
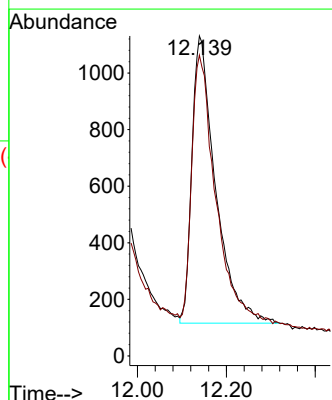
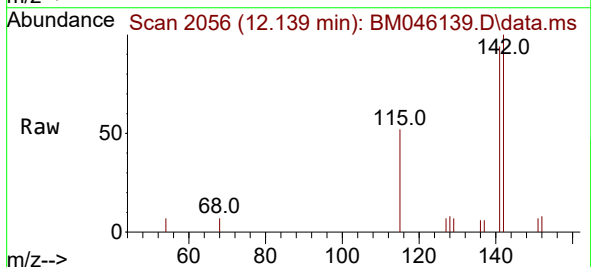
Instrument :
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ClientSampleId :
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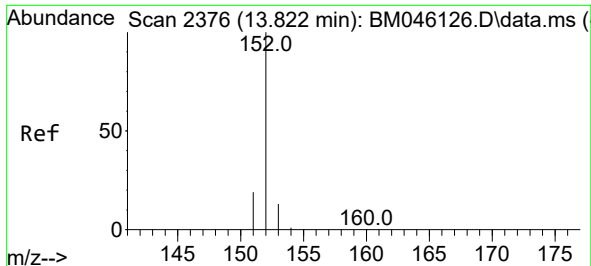
Tgt Ion:142 Resp: 3543
Ion Ratio Lower Upper
142 100
141 94.0 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.139 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BM046139.D
Acq: 21 Jun 2024 00:53

Tgt Ion:142 Resp: 3752
Ion Ratio Lower Upper
142 100
141 95.1 75.2 112.8

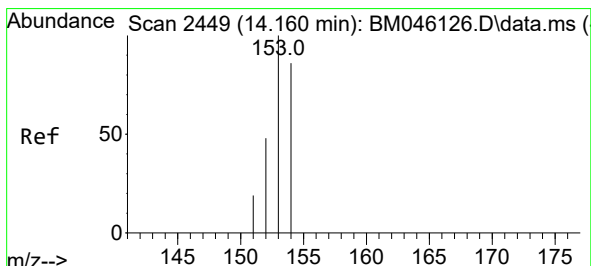
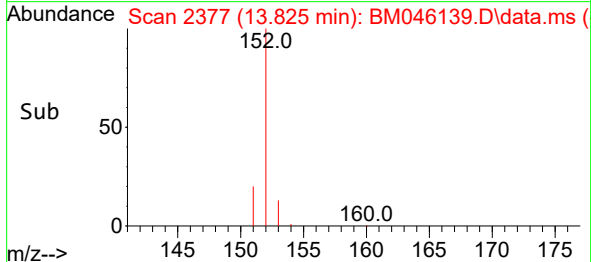
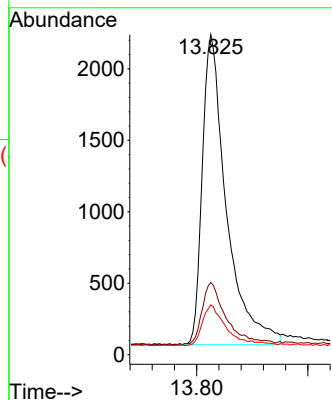
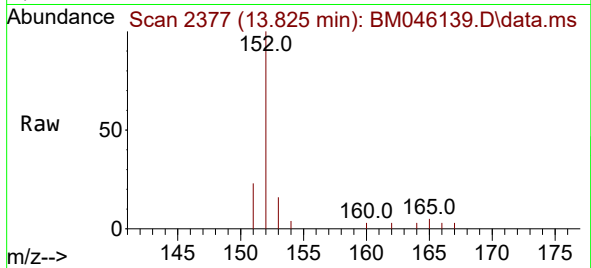




#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 13.825 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM046139.D
Acq: 21 Jun 2024 00:53

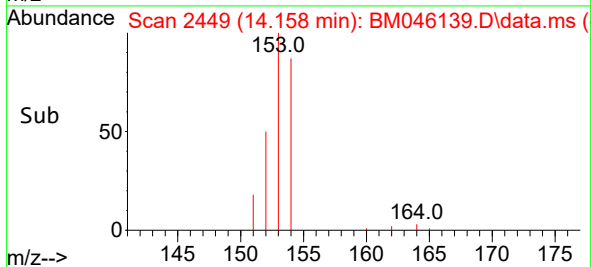
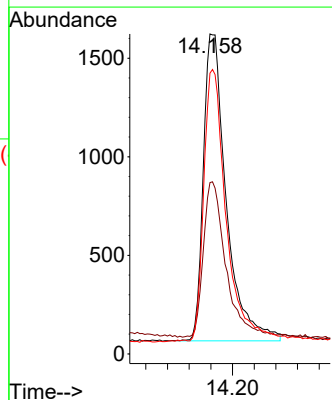
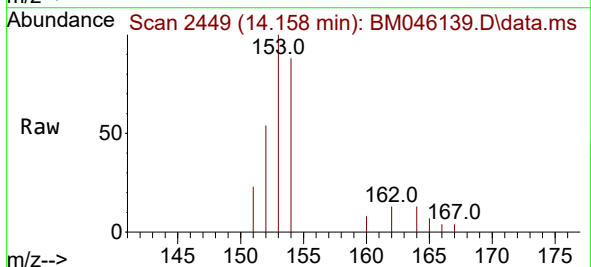
Instrument :
BNA_M
ClientSampleId :
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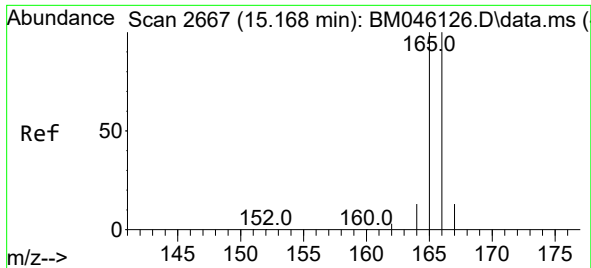
Tgt Ion:152 Resp: 6536
Ion Ratio Lower Upper
152 100
151 22.6 17.4 26.2
153 15.5 11.8 17.8



#11
Acenaphthene
Concen: 0.315 ng/ul
RT: 14.158 min Scan# 2449
Delta R.T. -0.014 min
Lab File: BM046139.D
Acq: 21 Jun 2024 00:53

Tgt Ion:153 Resp: 4581
Ion Ratio Lower Upper
153 100
152 53.5 41.3 61.9
154 87.7 68.2 102.4

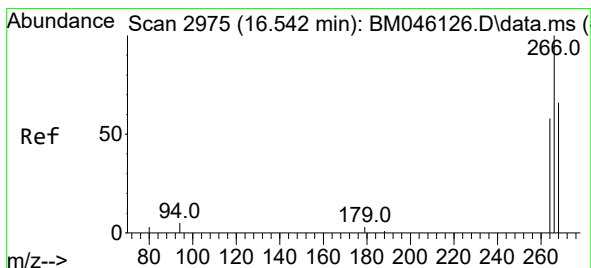
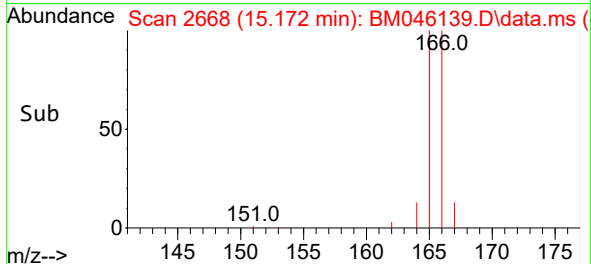
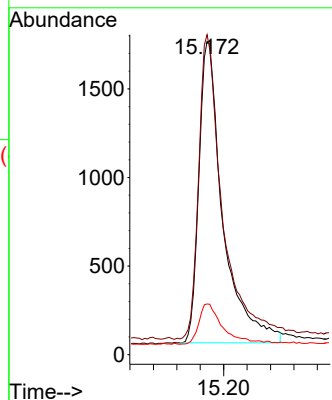
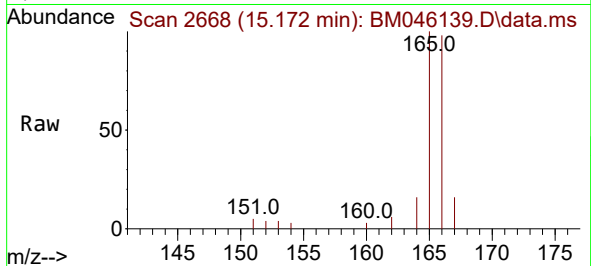




#12
Fluorene
Concen: 0.309 ng/ul
RT: 15.172 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM046139.D
Acq: 21 Jun 2024 00:53

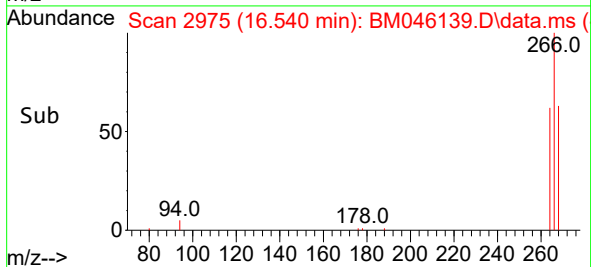
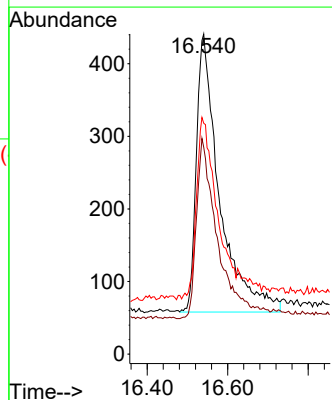
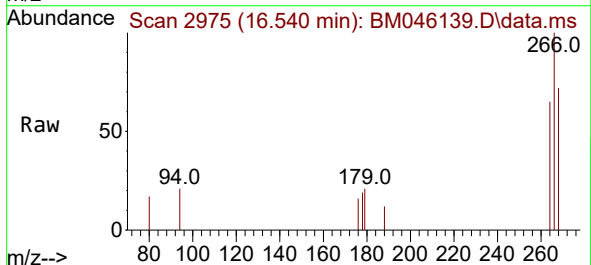
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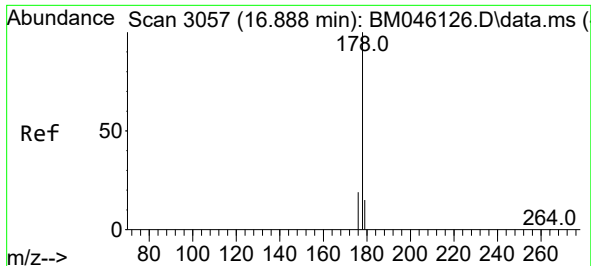
Tgt Ion:166 Resp: 4834
Ion Ratio Lower Upper
166 100
165 102.2 80.4 120.6
167 16.2 12.4 18.6



#14
Pentachlorophenol
Concen: 0.614 ng/ul
RT: 16.540 min Scan# 2975
Delta R.T. -0.025 min
Lab File: BM046139.D
Acq: 21 Jun 2024 00:53

Tgt Ion:266 Resp: 1519
Ion Ratio Lower Upper
266 100
264 60.4 50.9 76.3
268 64.6 52.3 78.5

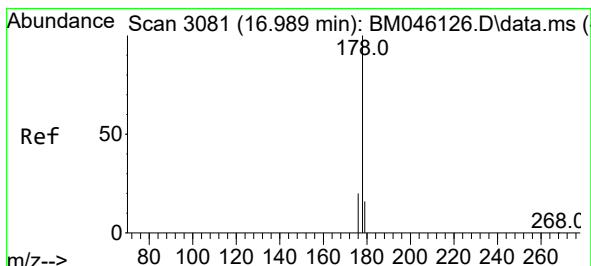
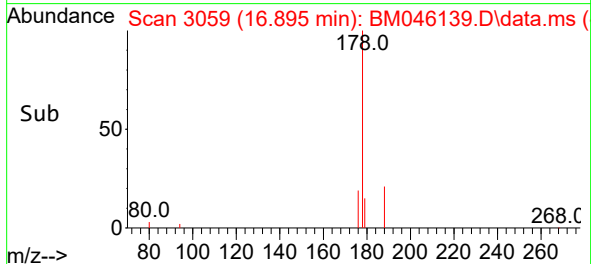
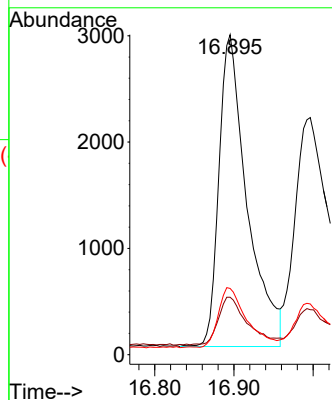
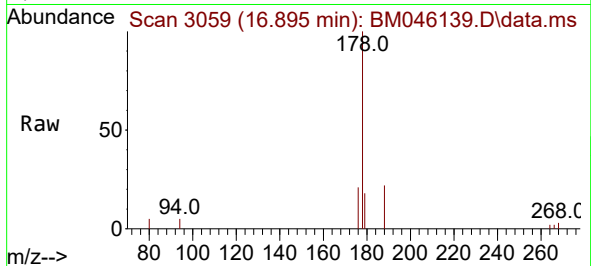




#15
Phenanthrene
Concen: 0.312 ng/ul
RT: 16.895 min Scan# 3059
Delta R.T. -0.008 min
Lab File: BM046139.D
Acq: 21 Jun 2024 00:53

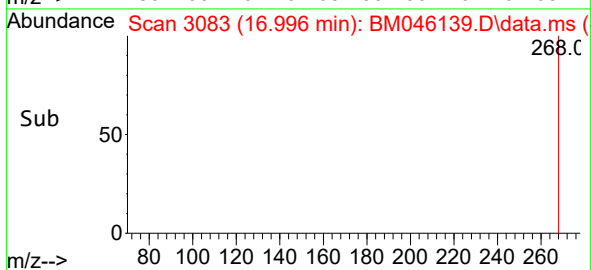
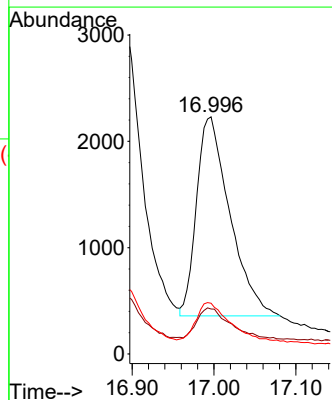
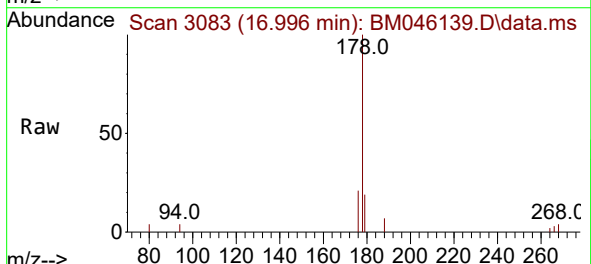
Instrument :
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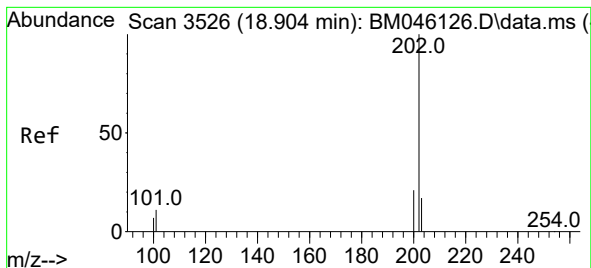
Tgt Ion:178 Resp: 7232
Ion Ratio Lower Upper
178 100
179 17.9 14.2 21.2
176 20.7 17.1 25.7



#16
Anthracene
Concen: 0.306 ng/ul
RT: 16.996 min Scan# 3083
Delta R.T. -0.008 min
Lab File: BM046139.D
Acq: 21 Jun 2024 00:53

Tgt Ion:178 Resp: 5279
Ion Ratio Lower Upper
178 100
179 19.0 14.9 22.3
176 21.4 17.0 25.4





#19

Fluoranthene

Concen: 0.338 ng/ul

RT: 18.908 min Scan# 3527

Delta R.T. -0.009 min

Lab File: BM046139.D

Acq: 21 Jun 2024 00:53

Instrument :

BNA_M

ClientSampleId :

SLCS391

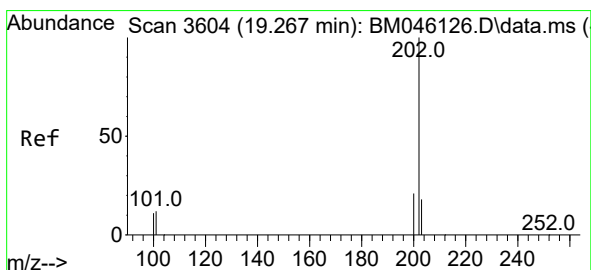
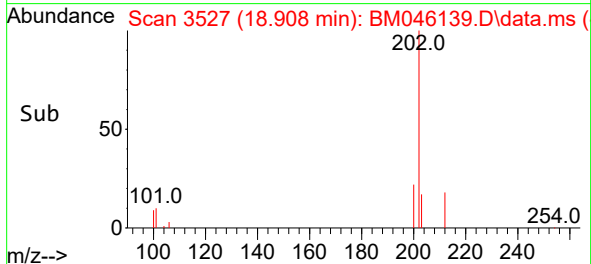
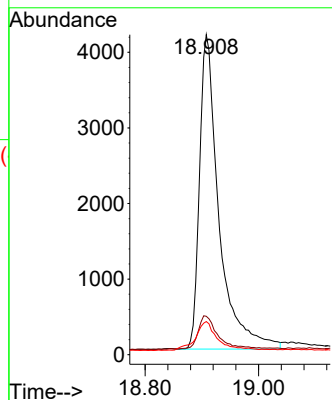
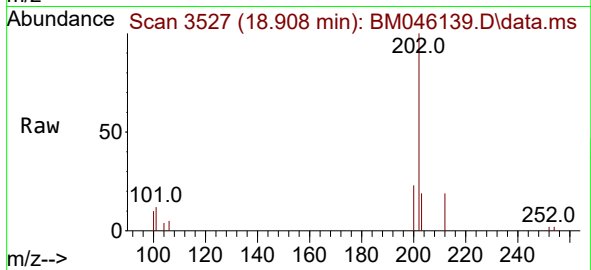
Tgt Ion:202 Resp: 9895

Ion Ratio Lower Upper

202 100

101 12.0 9.6 14.4

100 10.3 7.6 11.4



#20

Pyrene

Concen: 0.328 ng/ul

RT: 19.266 min Scan# 3604

Delta R.T. -0.009 min

Lab File: BM046139.D

Acq: 21 Jun 2024 00:53

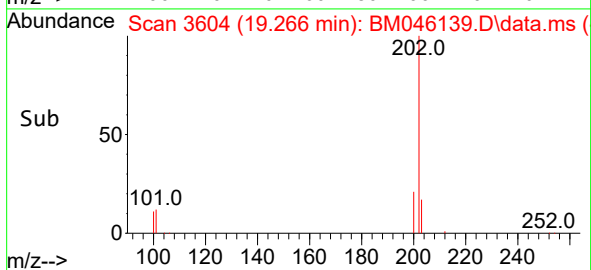
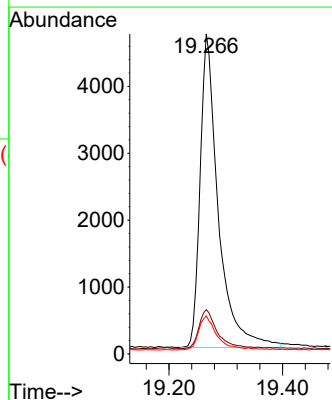
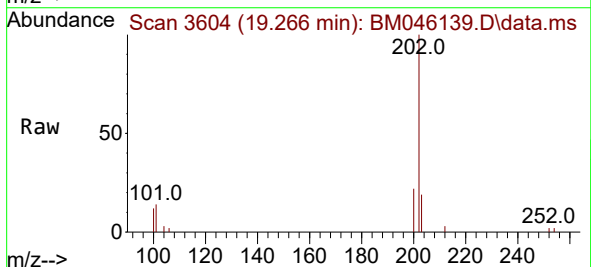
Tgt Ion:202 Resp: 10370

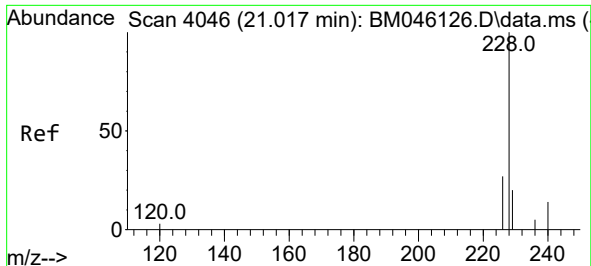
Ion Ratio Lower Upper

202 100

101 13.8 11.3 16.9

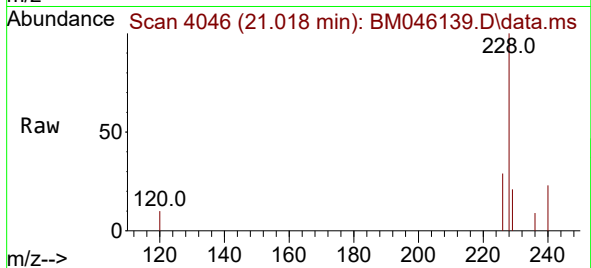
100 11.9 9.8 14.6



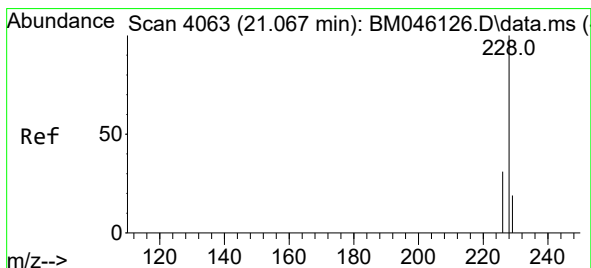
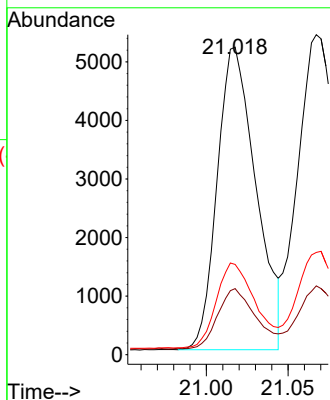
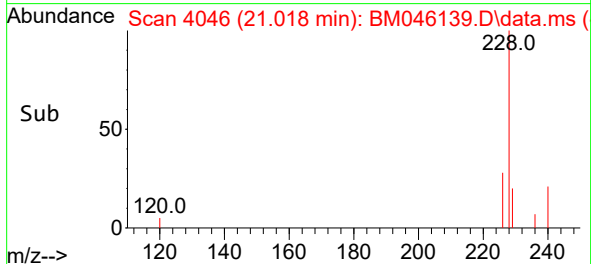


#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.018 min Scan# 4046
Delta R.T. -0.012 min
Lab File: BM046139.D
Acq: 21 Jun 2024 00:53

Instrument :
BNA_M
ClientSampleId :
SLCS391

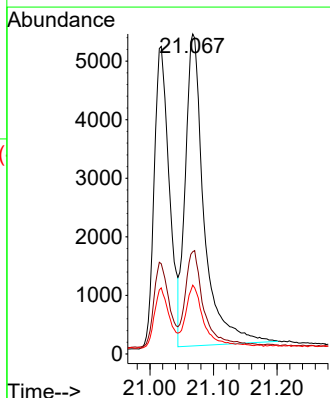
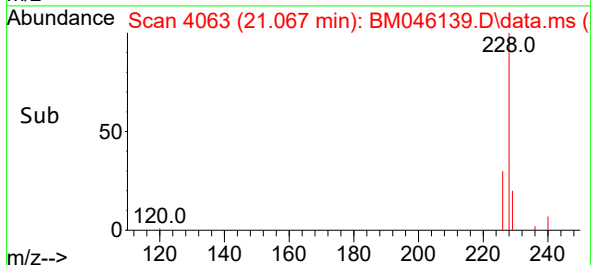
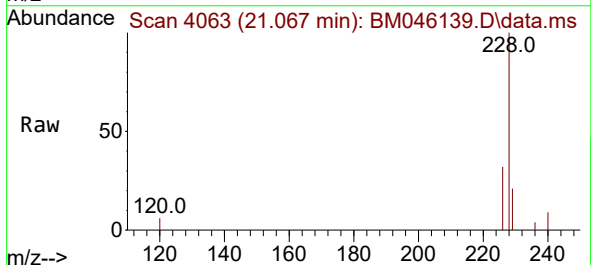


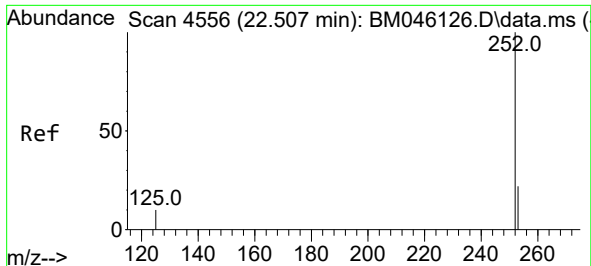
Tgt Ion:228 Resp: 8554
Ion Ratio Lower Upper
228 100
229 21.5 16.4 24.6
226 29.3 23.4 35.2



#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.067 min Scan# 4063
Delta R.T. -0.009 min
Lab File: BM046139.D
Acq: 21 Jun 2024 00:53

Tgt Ion:228 Resp: 10921
Ion Ratio Lower Upper
228 100
226 31.9 25.2 37.8
229 21.5 16.3 24.5

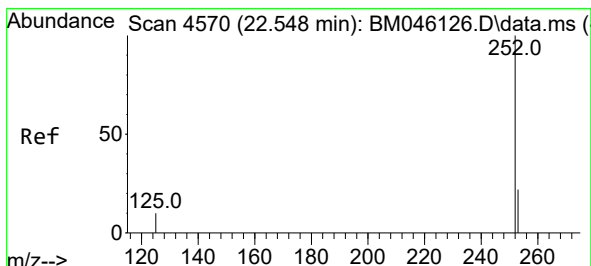
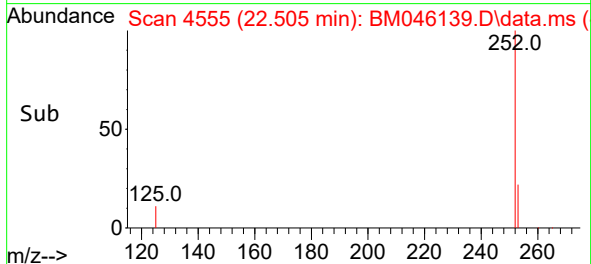
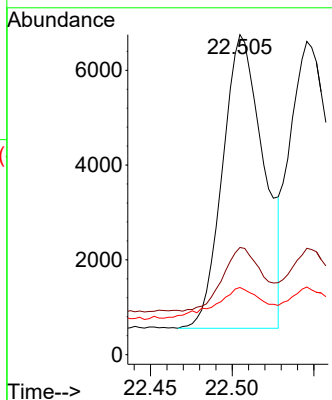
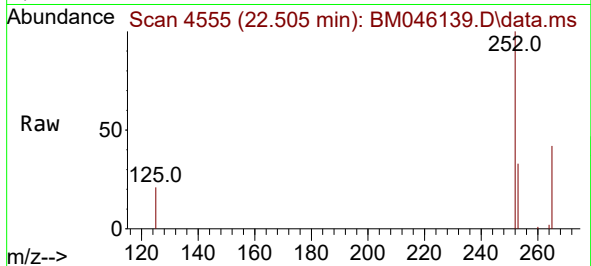




#24
Benzo(b)fluoranthene
Concen: 0.329 ng/ul
RT: 22.505 min Scan# 4555
Delta R.T. -0.015 min
Lab File: BM046139.D
Acq: 21 Jun 2024 00:53

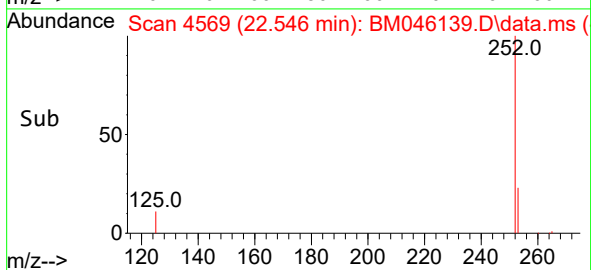
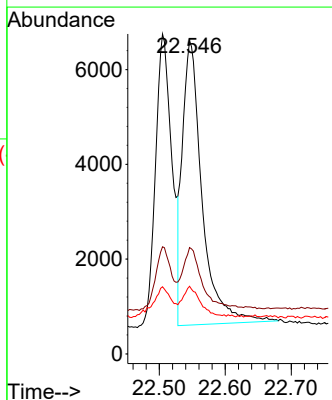
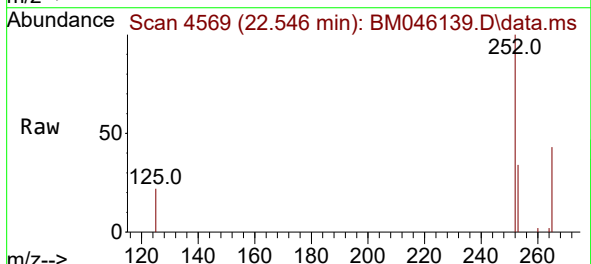
Instrument :
BNA_M
ClientSampleId :
SLCS391

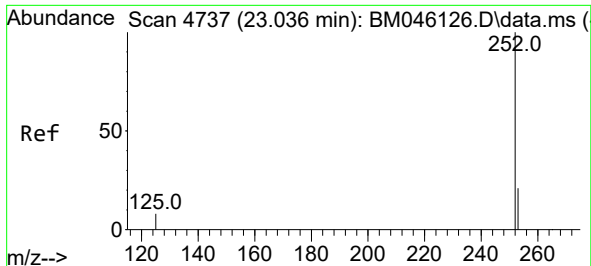
Tgt Ion:252 Resp: 10794
Ion Ratio Lower Upper
252 100
253 33.5 0.0 65.8
125 21.0 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.317 ng/ul
RT: 22.546 min Scan# 4569
Delta R.T. -0.018 min
Lab File: BM046139.D
Acq: 21 Jun 2024 00:53

Tgt Ion:252 Resp: 12363
Ion Ratio Lower Upper
252 100
253 34.0 27.2 40.8
125 21.6 16.6 25.0

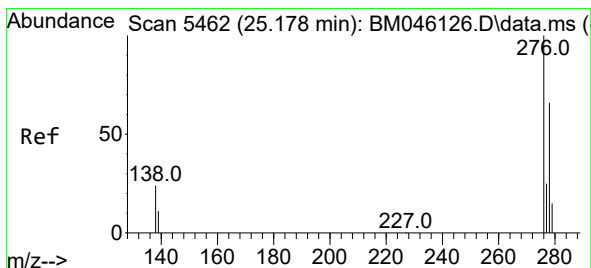
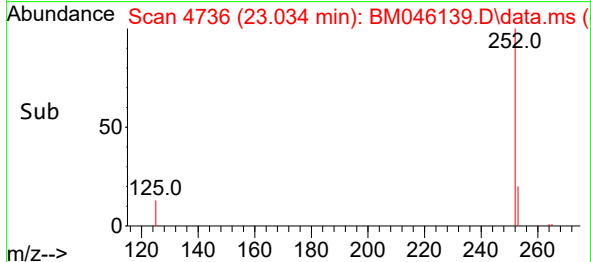
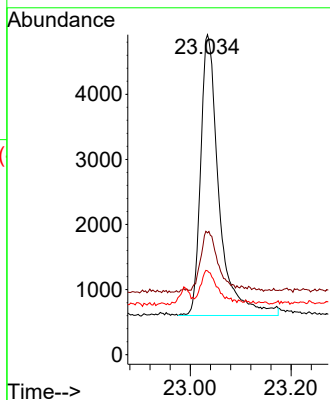
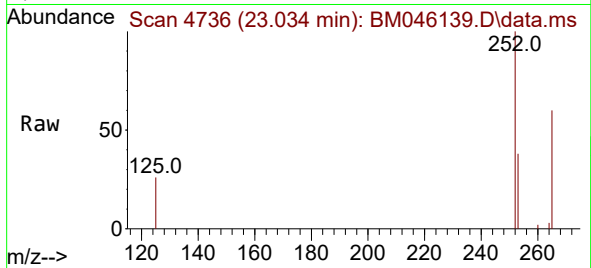




#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.034 min Scan# 4737
Delta R.T. -0.021 min
Lab File: BM046139.D
Acq: 21 Jun 2024 00:53

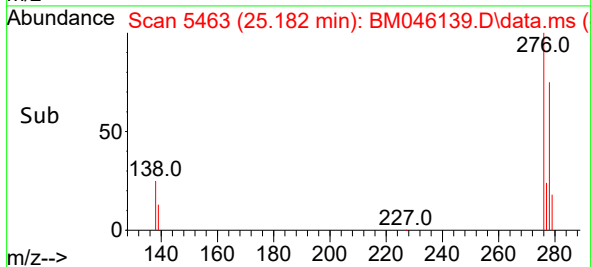
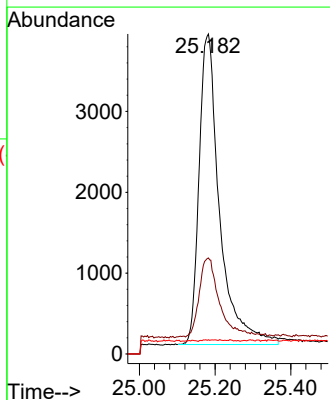
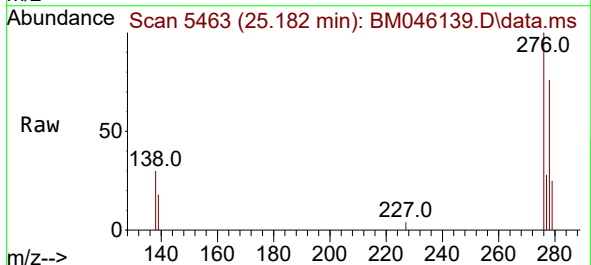
Instrument :
BNA_M
ClientSampleId :
SLCS391

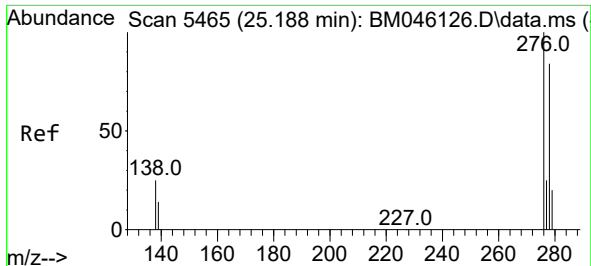
Tgt Ion:252 Resp: 10894
Ion Ratio Lower Upper
252 100
253 38.0 32.1 48.1
125 26.2 21.2 31.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.290 ng/ul
RT: 25.182 min Scan# 5463
Delta R.T. -0.020 min
Lab File: BM046139.D
Acq: 21 Jun 2024 00:53

Tgt Ion:276 Resp: 14459
Ion Ratio Lower Upper
276 100
138 25.5 21.0 31.4
227 0.4 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.305 ng/ul

RT: 25.189 min Scan# 5465

Delta R.T. -0.027 min

Lab File: BM046139.D

Acq: 21 Jun 2024 00:53

Instrument :

BNA_M

ClientSampleId :

SLCS391

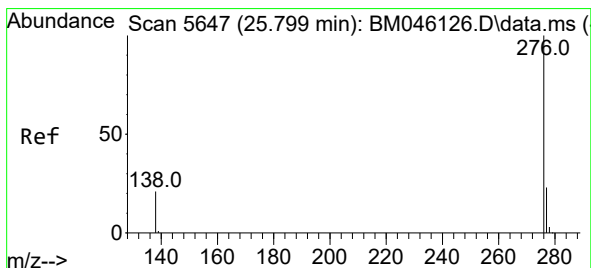
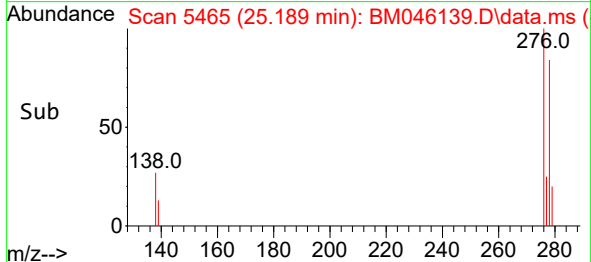
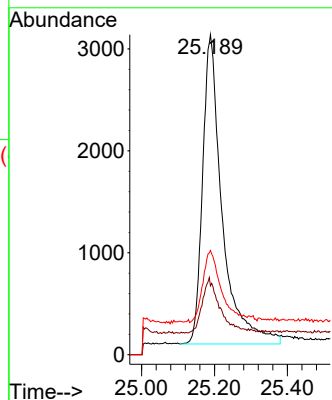
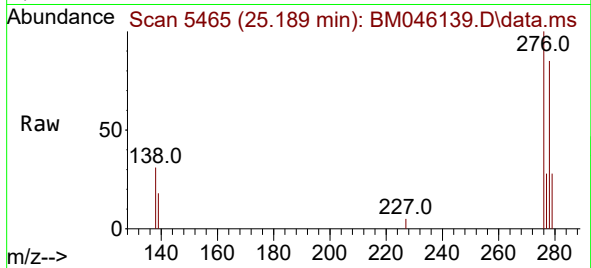
Tgt Ion:278 Resp: 11301

Ion Ratio Lower Upper

278 100

139 21.5 17.6 26.4

279 32.6 26.3 39.5



#29

Benzo(g,h,i)perylene

Concen: 0.289 ng/ul

RT: 25.796 min Scan# 5646

Delta R.T. -0.034 min

Lab File: BM046139.D

Acq: 21 Jun 2024 00:53

Tgt Ion:276 Resp: 12364

Ion Ratio Lower Upper

276 100

138 26.5 21.7 32.5

277 26.3 20.4 30.6

