

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
 Data File : BM045386.D
 Acq On : 19 Apr 2024 10:46
 Operator : MA/JU
 Sample : PB160239BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS239

Quant Time: Apr 19 11:16:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 22:19:59 2024
 Response via : Initial Calibration

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

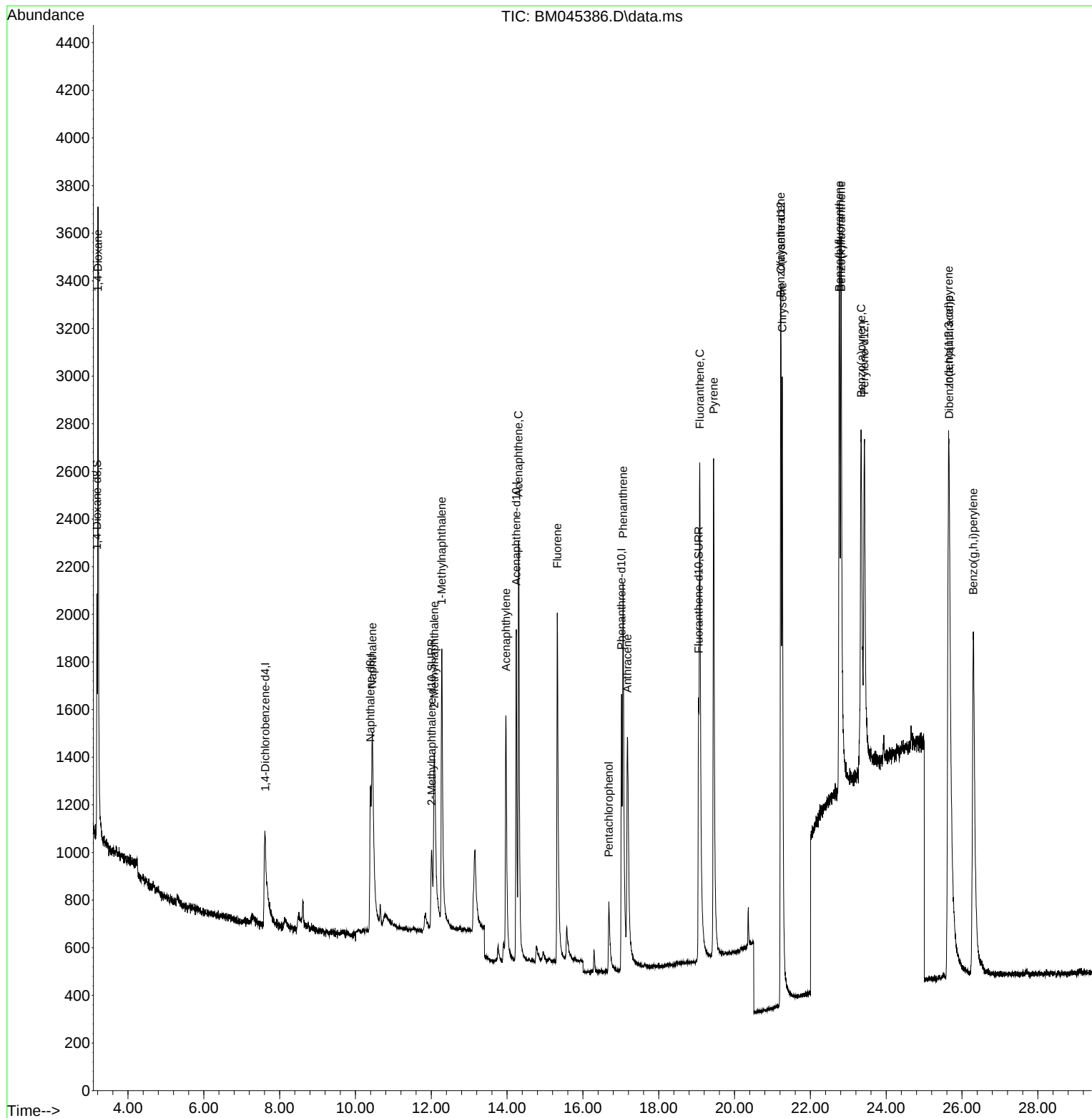
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	685	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.397	136	2097	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.242	164	1081	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.018	188	2398	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.222	240	1841	0.400	ng/ul	# 0.00
23) Perylene-d12	23.426	264	2502	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	752	0.836	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.008	152	1038	0.365	ng/ul	0.01
18) Fluoranthene-d10	19.052	212	2041	0.439	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.209	88	1907	2.211	ng/ul#	84
5) Naphthalene	10.446	128	2116	0.380	ng/ul#	85
7) 2-Methylnaphthalene	12.079	142	1196	0.360	ng/ul	98
8) 1-Methylnaphthalene	12.277	142	1280	0.353	ng/ul	95
10) Acenaphthylene	13.969	152	2074	0.385	ng/ul#	91
11) Acenaphthene	14.302	153	1520	0.394	ng/ul	98
12) Fluorene	15.325	166	1643	0.380	ng/ul#	93
14) Pentachlorophenol	16.684	266	403	0.717	ng/ul	94
15) Phenanthrene	17.060	178	2572	0.381	ng/ul	93
16) Anthracene	17.174	178	2464	0.371	ng/ul#	91
19) Fluoranthene	19.085	202	2977	0.453	ng/ul#	92
20) Pyrene	19.447	202	3178	0.457	ng/ul#	93
21) Benzo(a)anthracene	21.214	228	2377	0.371	ng/ul	94
22) Chrysene	21.257	228	3607	0.451	ng/ul	96
24) Benzo(b)fluoranthene	22.762	252	3486	0.386	ng/ul	94
25) Benzo(k)fluoranthene	22.809	252	4272	0.422	ng/ul#	90
26) Benzo(a)pyrene	23.338	252	3488	0.404	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.645	276	5080	0.430	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.659	278	3996	0.427	ng/ul#	87
29) Benzo(g,h,i)perylene	26.299	276	4606	0.452	ng/ul	95

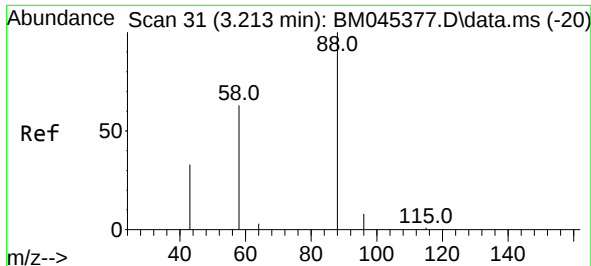
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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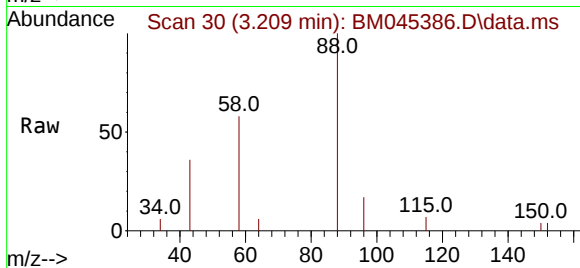
Quant Time: Apr 19 11:16:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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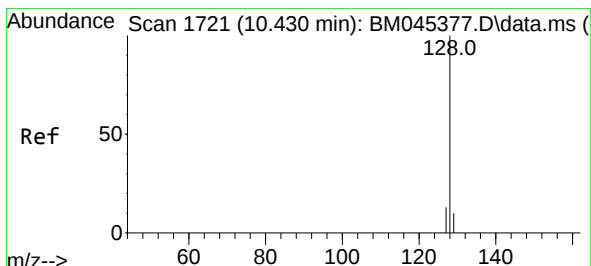
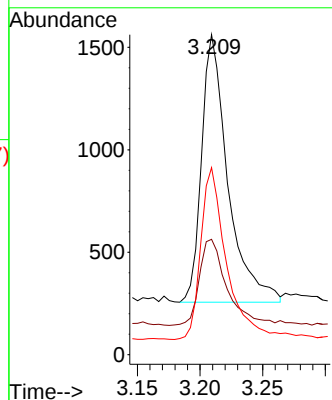
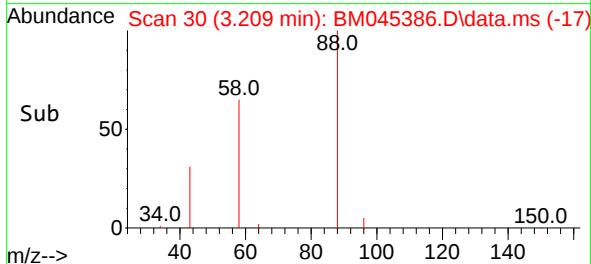


#2
1,4-Dioxane
Concen: 2.211 ng/ul
RT: 3.209 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM045386.D
Acq: 19 Apr 2024 10:46

Instrument :
BNA_M
ClientSampleId :
SLCS239

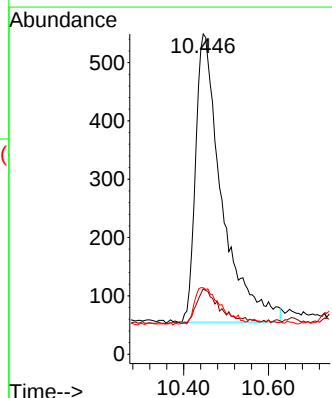
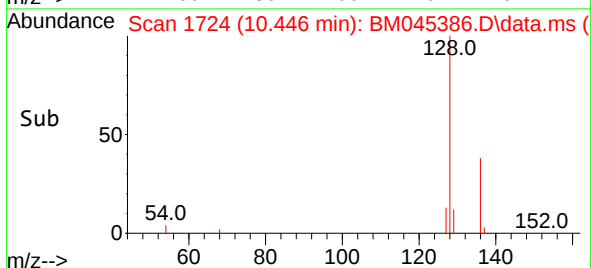
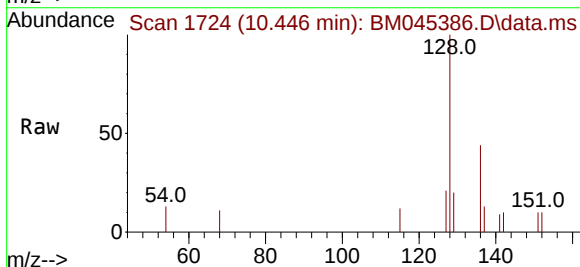


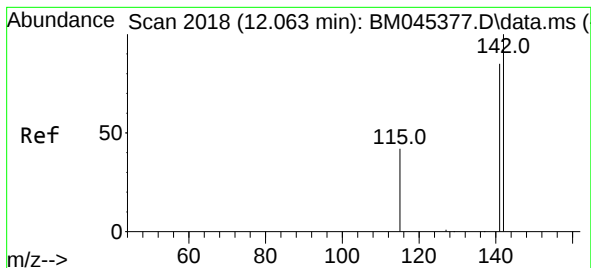
Tgt Ion: 88 Resp: 1907
Ion Ratio Lower Upper
88 100
43 36.0 30.6 46.0
58 58.5 32.6 48.8#



#5
Naphthalene
Concen: 0.380 ng/ul
RT: 10.446 min Scan# 1724
Delta R.T. 0.006 min
Lab File: BM045386.D
Acq: 19 Apr 2024 10:46

Tgt Ion: 128 Resp: 2116
Ion Ratio Lower Upper
128 100
129 20.4 11.3 16.9#
127 20.8 11.9 17.9#





#7

2-Methylnaphthalene

Concen: 0.360 ng/ul

RT: 12.079 min Scan# 2018

Delta R.T. 0.011 min

Lab File: BM045386.D

Acq: 19 Apr 2024 10:46

Instrument :

BNA_M

ClientSampleId :

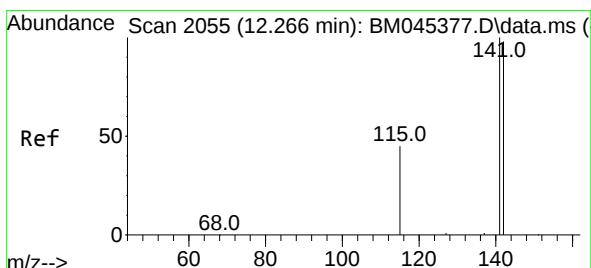
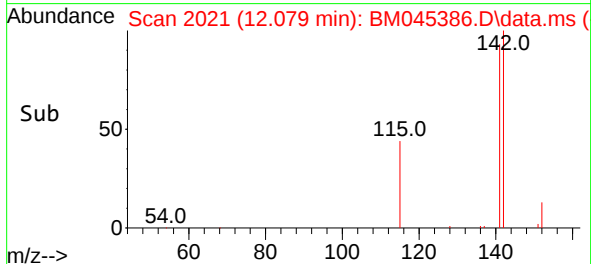
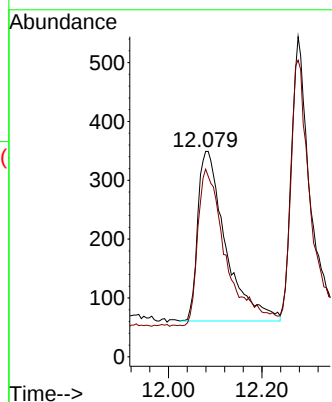
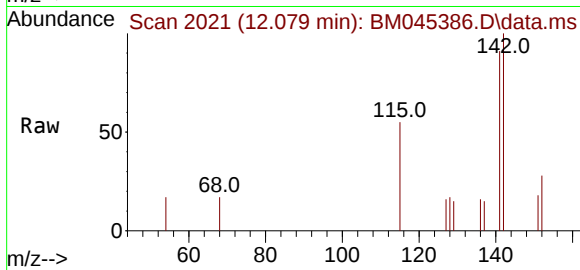
SLCS239

Tgt Ion:142 Resp: 1196

Ion Ratio Lower Upper

142 100

141 94.1 73.8 110.8



#8

1-Methylnaphthalene

Concen: 0.353 ng/ul

RT: 12.277 min Scan# 2057

Delta R.T. 0.006 min

Lab File: BM045386.D

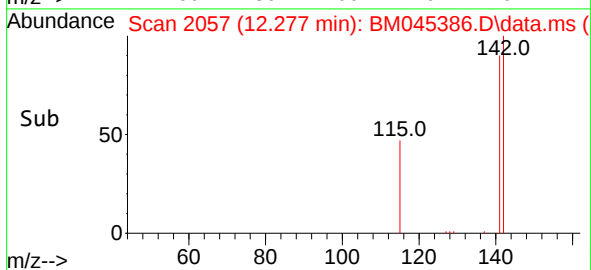
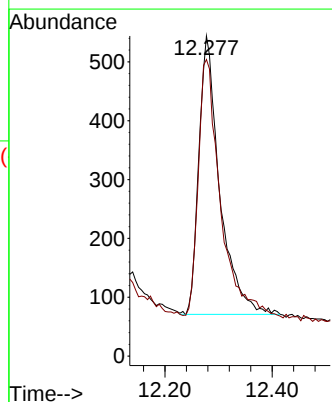
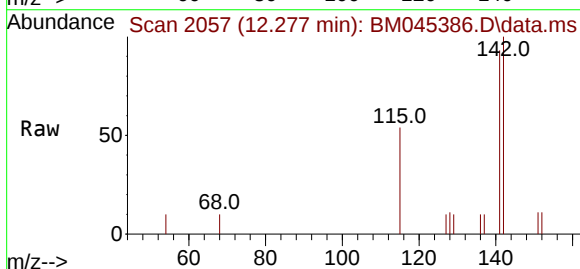
Acq: 19 Apr 2024 10:46

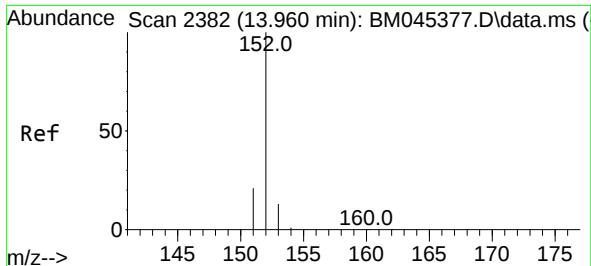
Tgt Ion:142 Resp: 1280

Ion Ratio Lower Upper

142 100

141 97.3 74.2 111.2

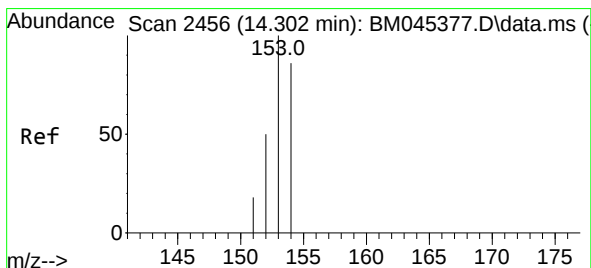
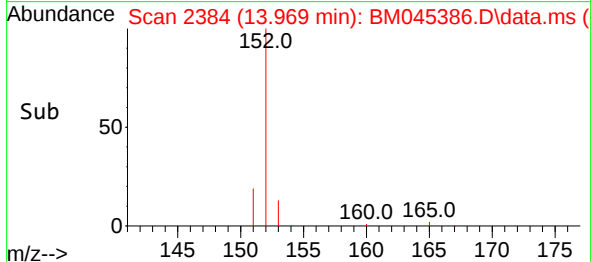
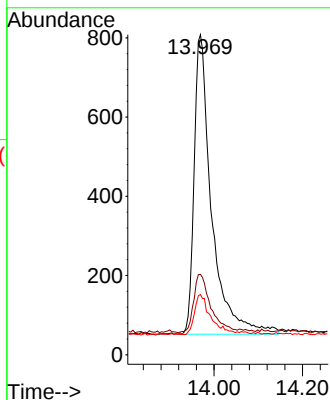
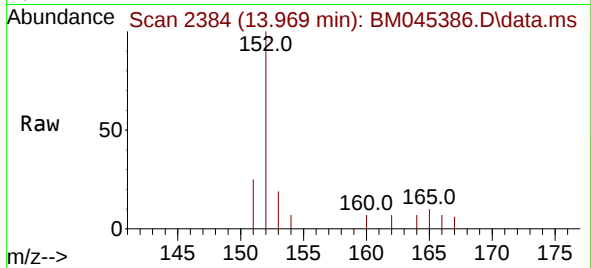




#10
Acenaphthylene
Concen: 0.385 ng/ul
RT: 13.969 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM045386.D
Acq: 19 Apr 2024 10:46

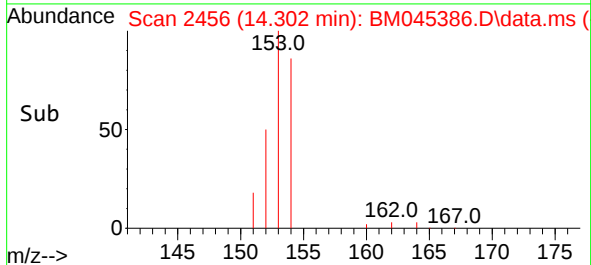
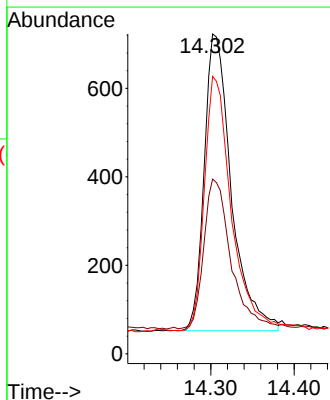
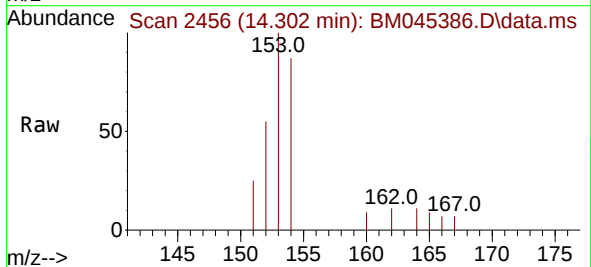
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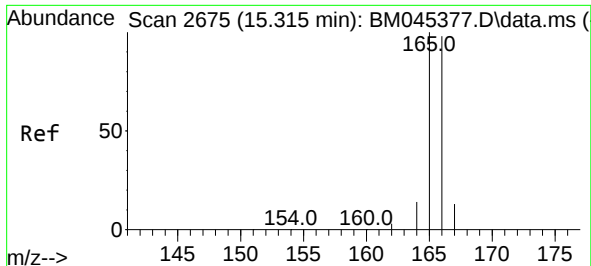
Tgt Ion:	152	Resp:	2074
Ion Ratio	Lower	Upper	
152	100		
151	25.1	17.0	25.4
153	18.8	11.9	17.9#



#11
Acenaphthene
Concen: 0.394 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BM045386.D
Acq: 19 Apr 2024 10:46

Tgt Ion:	153	Resp:	1520
Ion Ratio	Lower	Upper	
153	100		
152	54.6	41.2	61.8
154	86.7	69.4	104.0

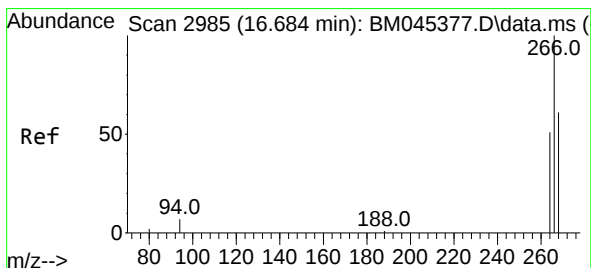
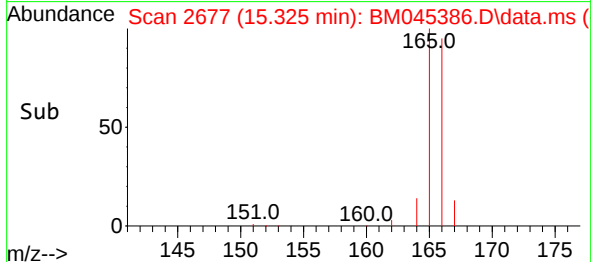
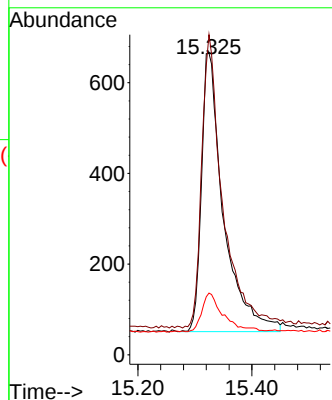
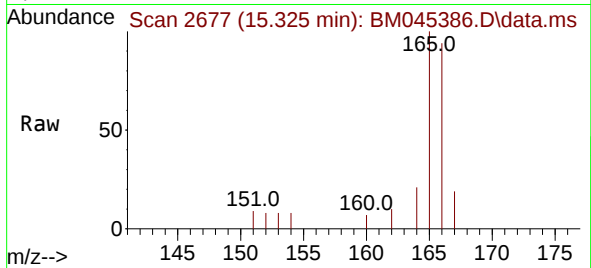




#12
 Fluorene
 Concen: 0.380 ng/ul
 RT: 15.325 min Scan# 2677
 Delta R.T. 0.000 min
 Lab File: BM045386.D
 Acq: 19 Apr 2024 10:46

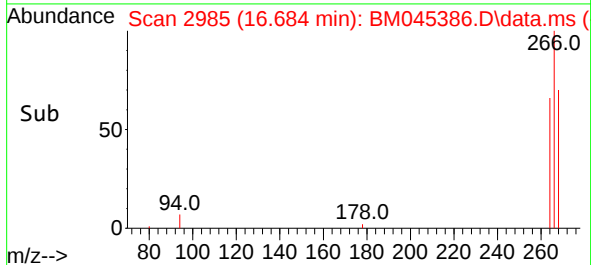
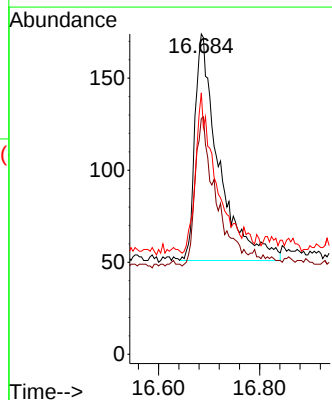
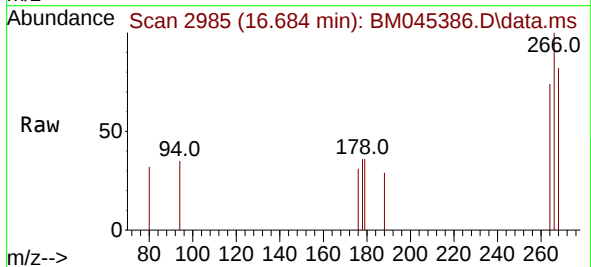
Instrument :
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 ClientSampleId :
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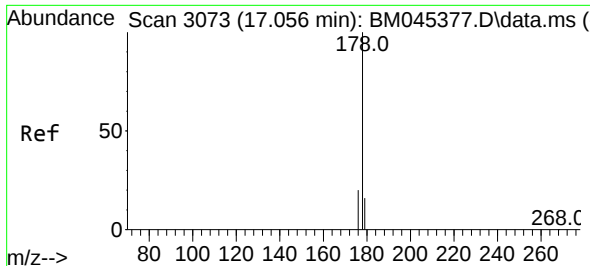
Tgt Ion:166 Resp: 1643
 Ion Ratio Lower Upper
 166 100
 165 106.2 79.9 119.9
 167 20.5 12.2 18.2#



#14
 Pentachlorophenol
 Concen: 0.717 ng/ul
 RT: 16.684 min Scan# 2985
 Delta R.T. -0.004 min
 Lab File: BM045386.D
 Acq: 19 Apr 2024 10:46

Tgt Ion:266 Resp: 403
 Ion Ratio Lower Upper
 266 100
 264 62.5 48.3 72.5
 268 58.8 52.6 79.0

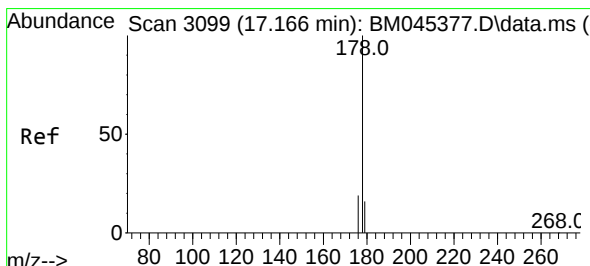
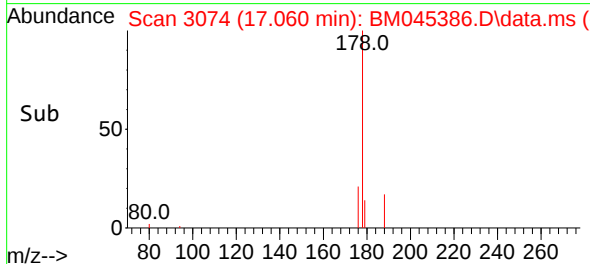
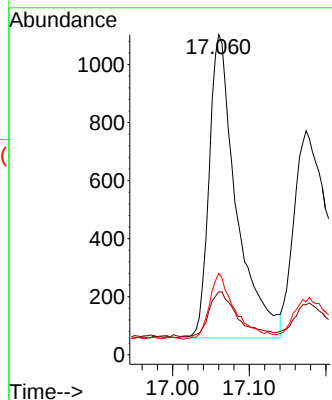
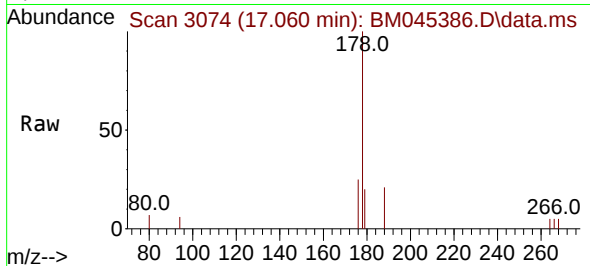




#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 17.060 min Scan# 3073
Delta R.T. 0.000 min
Lab File: BM045386.D
Acq: 19 Apr 2024 10:46

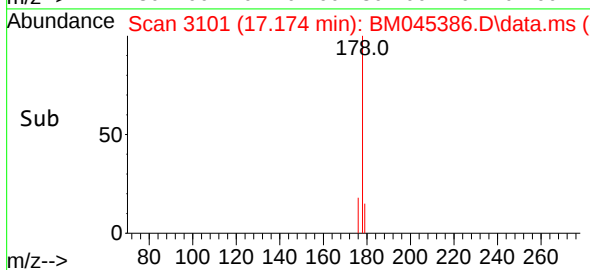
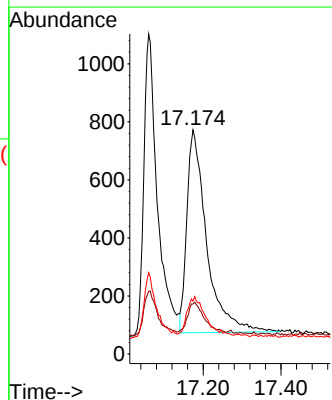
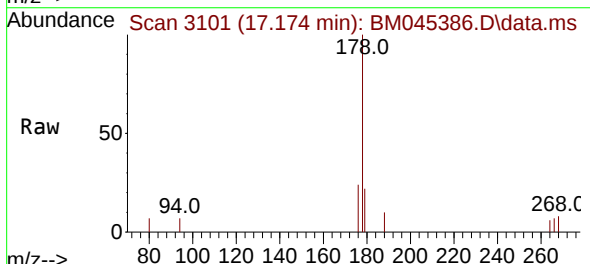
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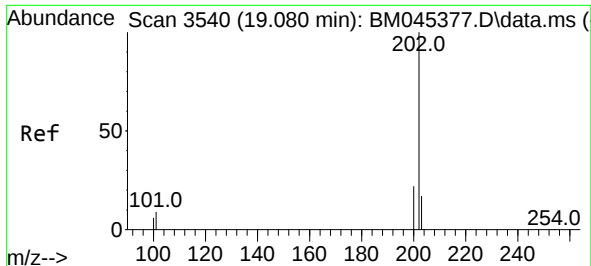
Tgt Ion:178 Resp: 2572
Ion Ratio Lower Upper
178 100
179 19.6 13.7 20.5
176 25.4 17.0 25.4



#16
Anthracene
Concen: 0.371 ng/ul
RT: 17.174 min Scan# 3101
Delta R.T. 0.004 min
Lab File: BM045386.D
Acq: 19 Apr 2024 10:46

Tgt Ion:178 Resp: 2464
Ion Ratio Lower Upper
178 100
179 22.3 13.8 20.8#
176 23.6 16.2 24.4

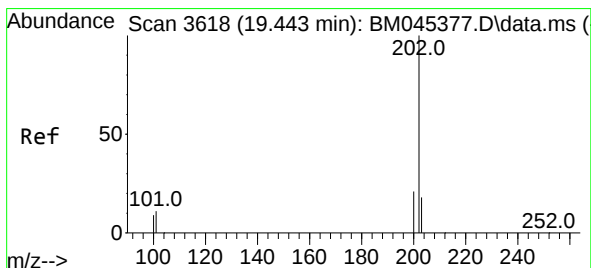
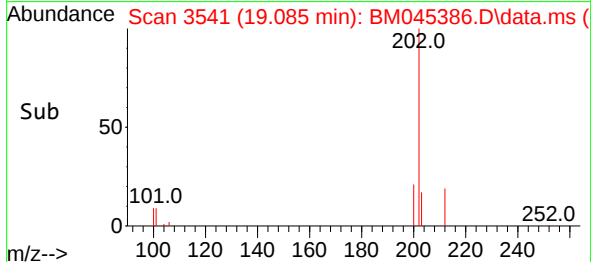
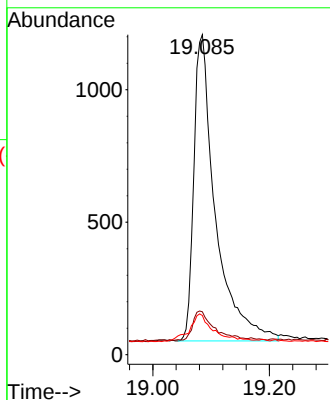
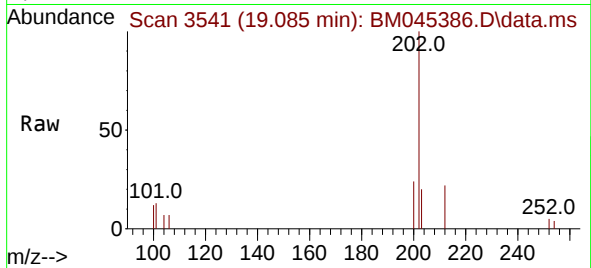




#19
Fluoranthene
Concen: 0.453 ng/ul
RT: 19.085 min Scan# 3540
Delta R.T. 0.000 min
Lab File: BM045386.D
Acq: 19 Apr 2024 10:46

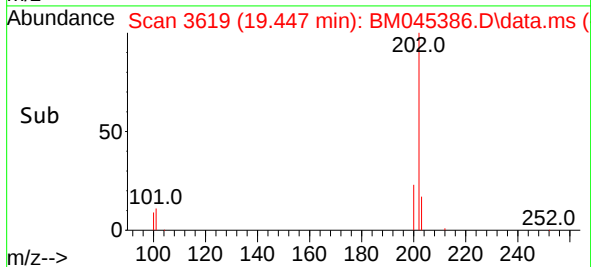
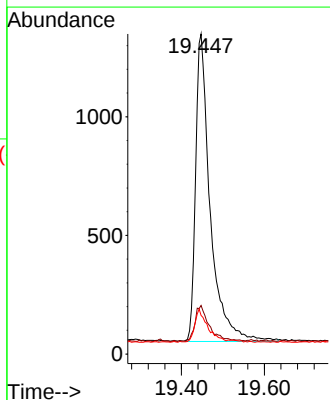
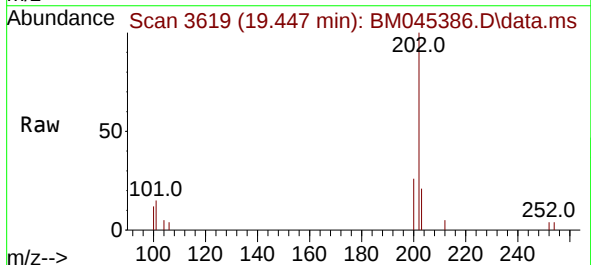
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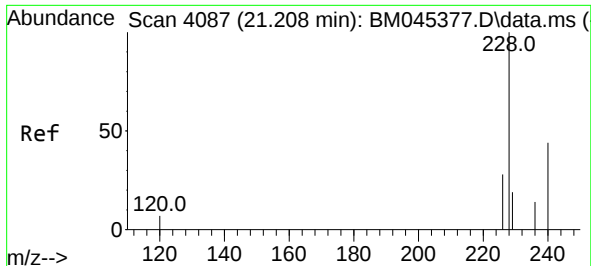
Tgt Ion:202 Resp: 2977
Ion Ratio Lower Upper
202 100
101 13.4 8.8 13.2#
100 12.3 7.0 10.4#



#20
Pyrene
Concen: 0.457 ng/ul
RT: 19.447 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BM045386.D
Acq: 19 Apr 2024 10:46

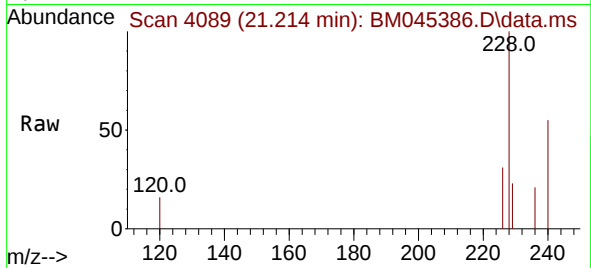
Tgt Ion:202 Resp: 3178
Ion Ratio Lower Upper
202 100
101 15.2 9.8 14.6#
100 12.1 8.1 12.1



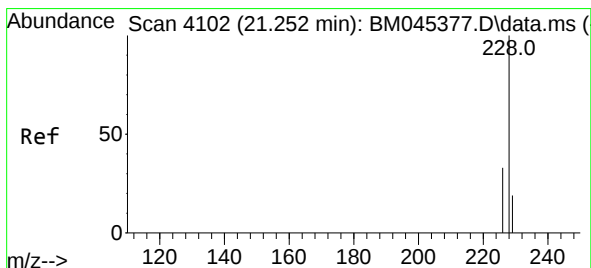
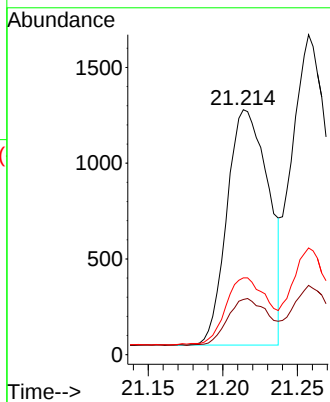
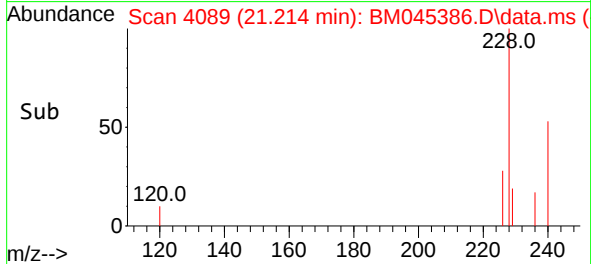


#21
Benzo(a)anthracene
Concen: 0.371 ng/ul
RT: 21.214 min Scan# 4089
Delta R.T. 0.003 min
Lab File: BM045386.D
Acq: 19 Apr 2024 10:46

Instrument :
BNA_M
ClientSampleId :
SLCS239

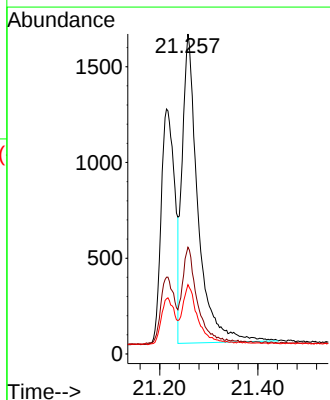
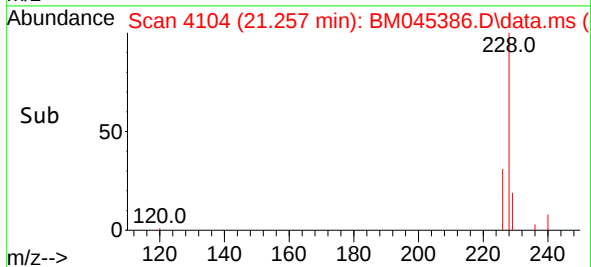
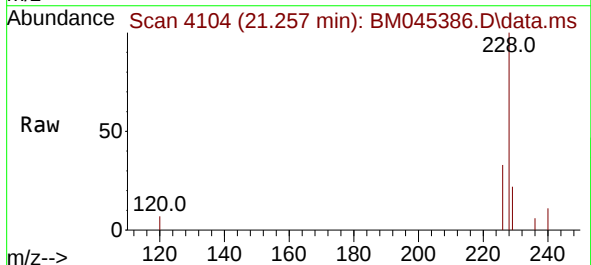


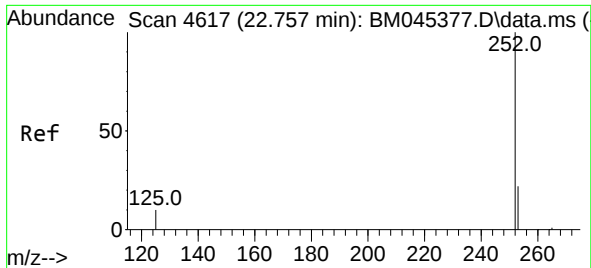
Tgt Ion:228 Resp: 2377
Ion Ratio Lower Upper
228 100
229 22.5 16.4 24.6
226 31.4 22.3 33.5



#22
Chrysene
Concen: 0.451 ng/ul
RT: 21.257 min Scan# 4104
Delta R.T. 0.003 min
Lab File: BM045386.D
Acq: 19 Apr 2024 10:46

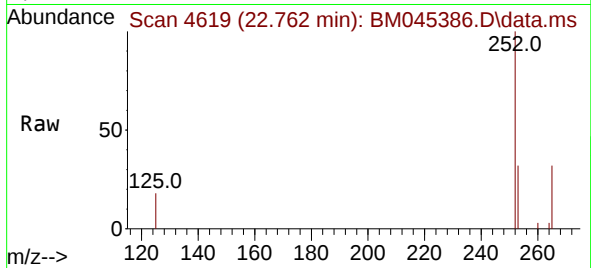
Tgt Ion:228 Resp: 3607
Ion Ratio Lower Upper
228 100
226 33.3 24.9 37.3
229 21.7 15.9 23.9



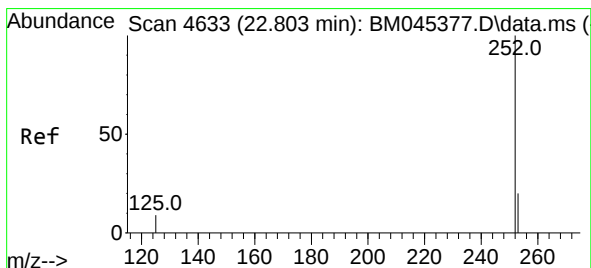
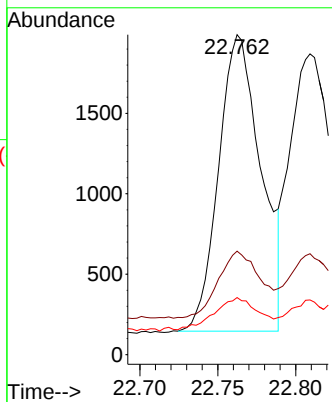


#24
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 22.762 min Scan# 4619
Delta R.T. 0.000 min
Lab File: BM045386.D
Acq: 19 Apr 2024 10:46

Instrument :
BNA_M
ClientSampleId :
SLCS239

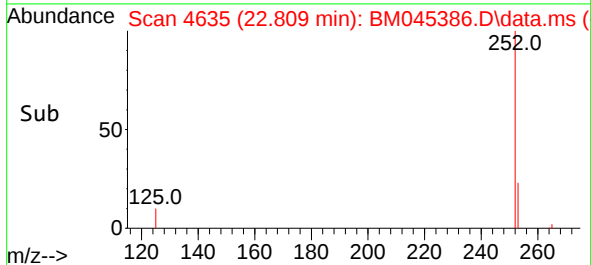
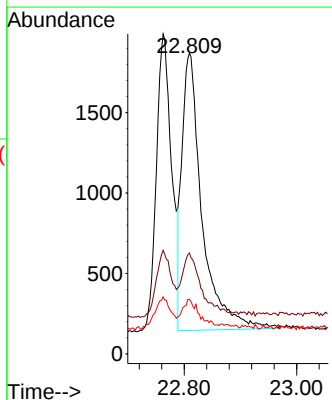
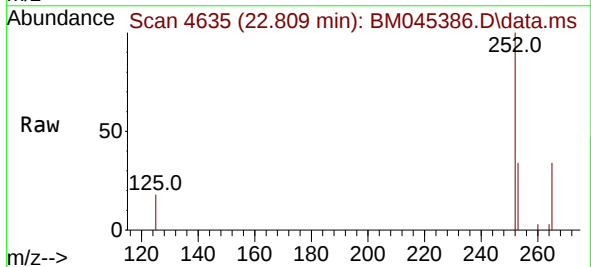


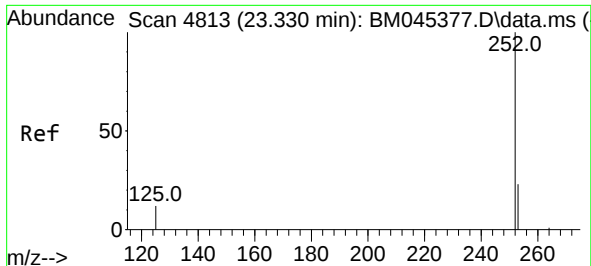
Tgt Ion:252 Resp: 3486
Ion Ratio Lower Upper
252 100
253 32.3 0.0 56.4
125 17.8 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.422 ng/ul
RT: 22.809 min Scan# 4635
Delta R.T. 0.003 min
Lab File: BM045386.D
Acq: 19 Apr 2024 10:46

Tgt Ion:252 Resp: 4272
Ion Ratio Lower Upper
252 100
253 33.5 22.3 33.5#
125 18.2 11.6 17.4#

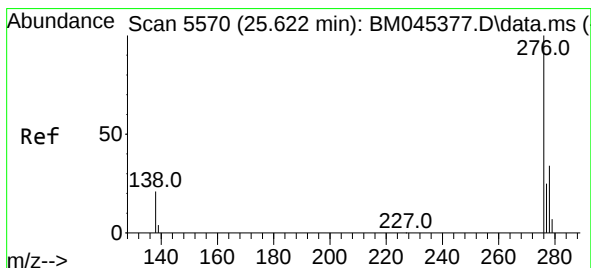
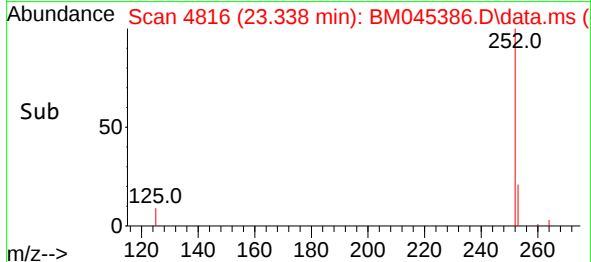
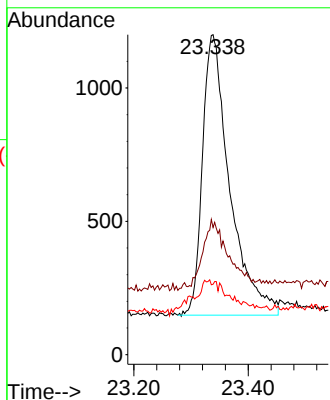
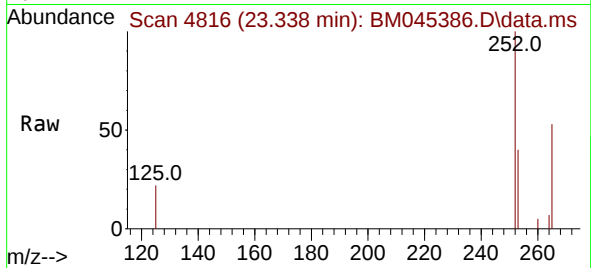




#26
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 23.338 min Scan# 4813
Delta R.T. 0.006 min
Lab File: BM045386.D
Acq: 19 Apr 2024 10:46

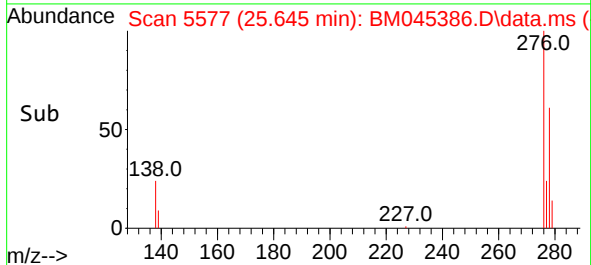
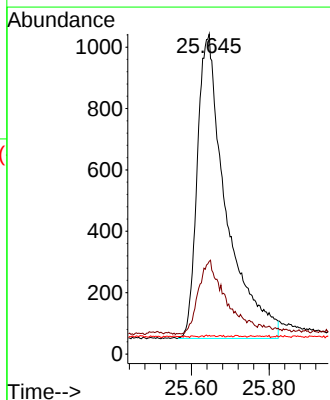
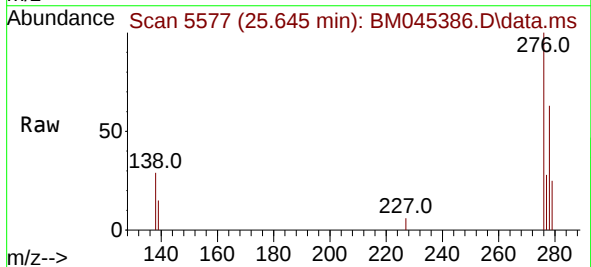
Instrument :
BNA_M
ClientSampleId :
SLCS239

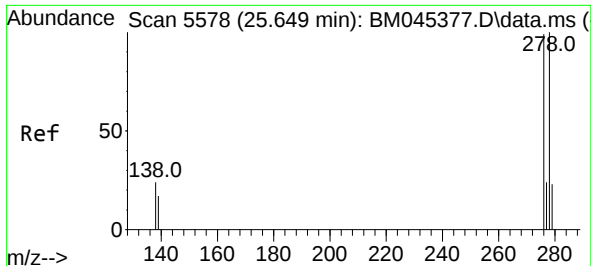
Tgt Ion:252 Resp: 3488
Ion Ratio Lower Upper
252 100
253 39.8 24.6 37.0#
125 22.0 18.2 27.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.430 ng/ul
RT: 25.645 min Scan# 5577
Delta R.T. 0.013 min
Lab File: BM045386.D
Acq: 19 Apr 2024 10:46

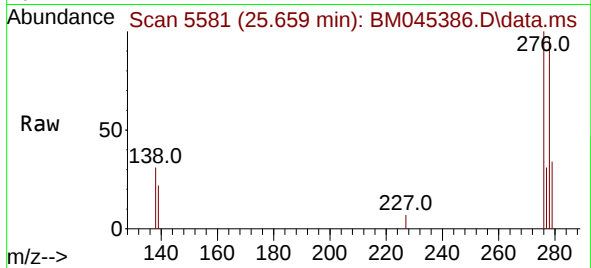
Tgt Ion:276 Resp: 5080
Ion Ratio Lower Upper
276 100
138 23.0 0.0 0.0#
227 0.1 0.1 0.1



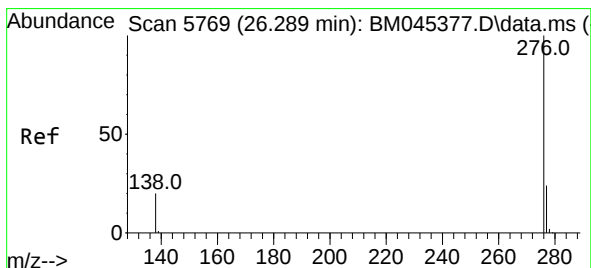
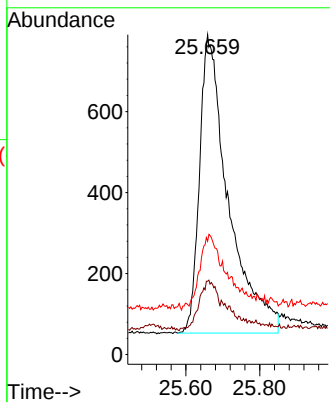
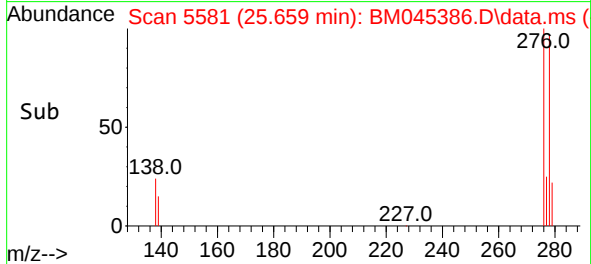


#28
Dibenzo(a,h)anthracene
Concen: 0.427 ng/ul
RT: 25.659 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM045386.D
Acq: 19 Apr 2024 10:46

Instrument :
BNA_M
ClientSampleId :
SLCS239



Tgt Ion:278 Resp: 3996
Ion Ratio Lower Upper
278 100
139 22.9 13.6 20.4#
279 35.4 23.0 34.4#



#29
Benzo(g,h,i)perylene
Concen: 0.452 ng/ul
RT: 26.299 min Scan# 5772
Delta R.T. -0.003 min
Lab File: BM045386.D
Acq: 19 Apr 2024 10:46

Tgt Ion:276 Resp: 4606
Ion Ratio Lower Upper
276 100
138 24.6 16.8 25.2
277 27.2 20.3 30.5

