

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041324\
 Data File : BM045232.D
 Acq On : 14 Apr 2024 08:04
 Operator : MA/JU
 Sample : PB160205BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS205

Quant Time: Apr 15 00:38:59 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 : Mon Apr 15 00:32:25 2024
 Response via : Initial Calibration

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

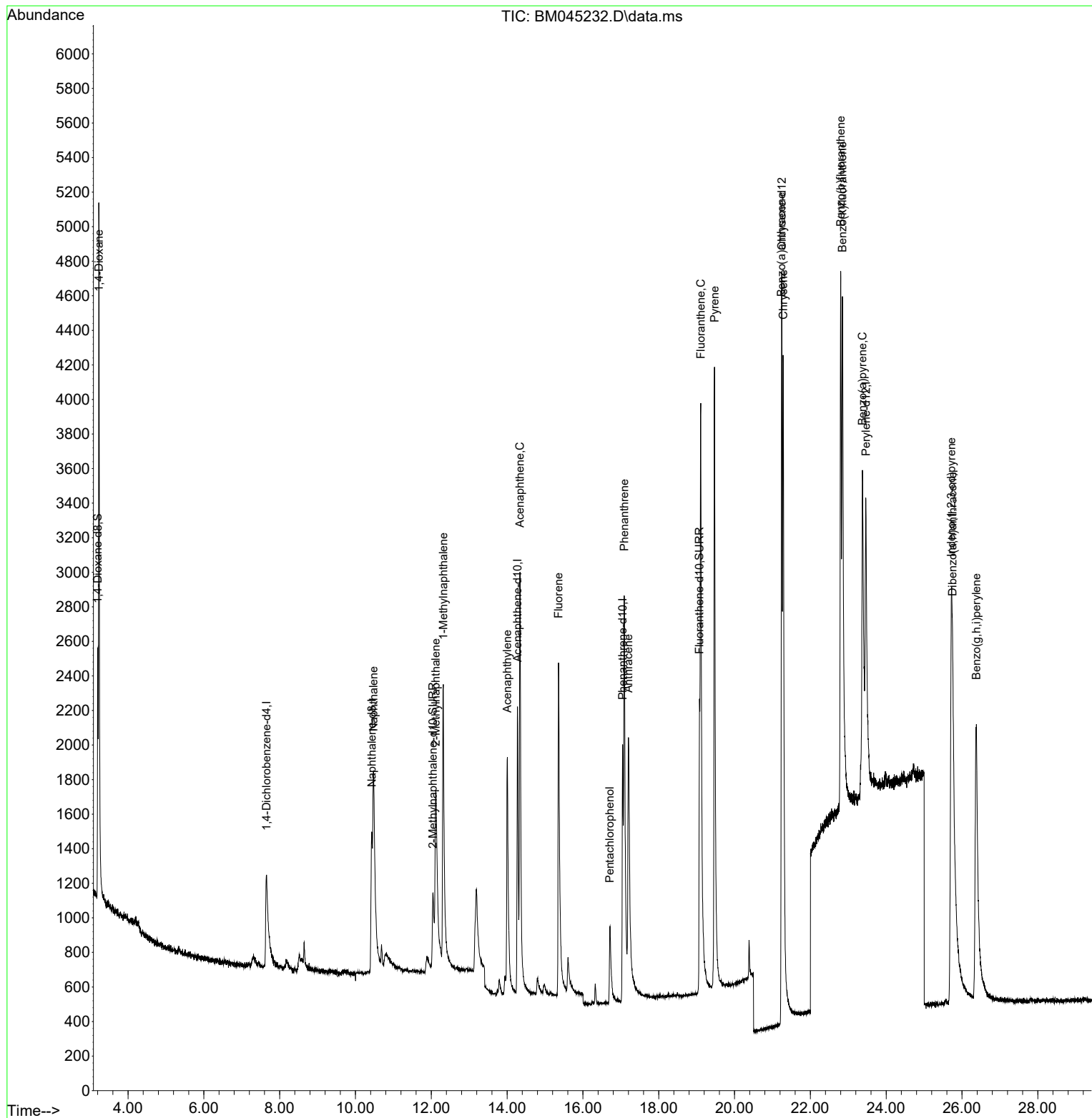
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	891	0.400	ng/ul	# 0.04
4) Naphthalene-d8	10.429	136	2888	0.400	ng/ul	# 0.04
9) Acenaphthene-d10	14.275	164	1394	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.048	188	3375	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.248	240	2694	0.400	ng/ul	# 0.00
23) Perylene-d12	23.466	264	3218	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	1057	0.903	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.041	152	1504	0.384	ng/ul	0.04
18) Fluoranthene-d10	19.076	212	3209	0.471	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.230	88	2978	2.654	ng/ul#	82
5) Naphthalene	10.479	128	3110	0.406	ng/ul#	90
7) 2-Methylnaphthalene	12.118	142	1789	0.391	ng/ul	97
8) 1-Methylnaphthalene	12.316	142	1862	0.373	ng/ul	95
10) Acenaphthylene	14.007	152	3036	0.436	ng/ul#	93
11) Acenaphthene	14.340	153	2188	0.439	ng/ul	97
12) Fluorene	15.358	166	2368	0.424	ng/ul#	95
14) Pentachlorophenol	16.710	266	641	0.810	ng/ul	96
15) Phenanthrene	17.090	178	3826	0.403	ng/ul	97
16) Anthracene	17.200	178	3953	0.422	ng/ul	93
19) Fluoranthene	19.109	202	4806	0.499	ng/ul#	95
20) Pyrene	19.471	202	5129	0.505	ng/ul	97
21) Benzo(a)anthracene	21.239	228	3727	0.397	ng/ul	96
22) Chrysene	21.286	228	5664	0.484	ng/ul	99
24) Benzo(b)fluoranthene	22.799	252	4799	0.413	ng/ul	94
25) Benzo(k)fluoranthene	22.846	252	6269	0.482	ng/ul#	90
26) Benzo(a)pyrene	23.375	252	4967	0.448	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.718	276	6265	0.412	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.752	278	4846	0.402	ng/ul#	85
29) Benzo(g,h,i)perylene	26.379	276	5670	0.432	ng/ul#	92

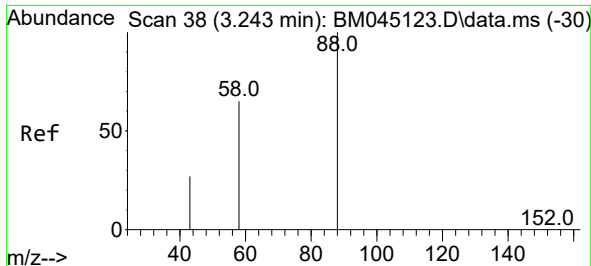
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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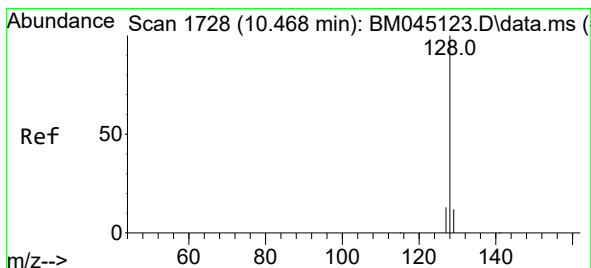
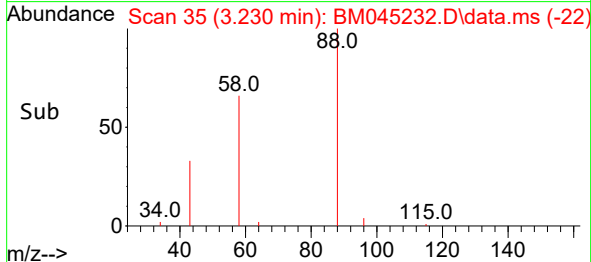
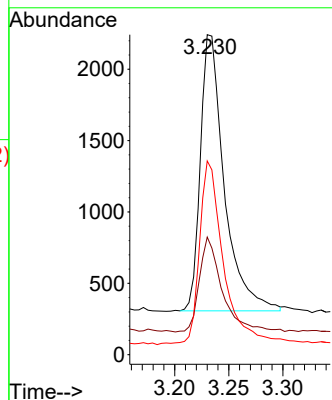
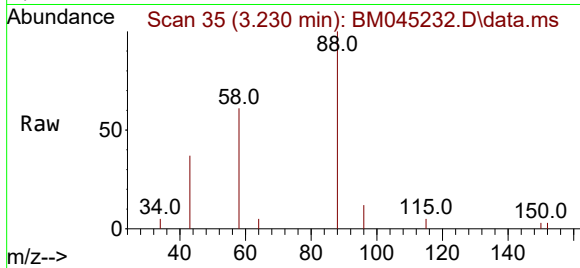




#2
1,4-Dioxane
Concen: 2.654 ng/ul
RT: 3.230 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM045232.D
Acq: 14 Apr 2024 08:04

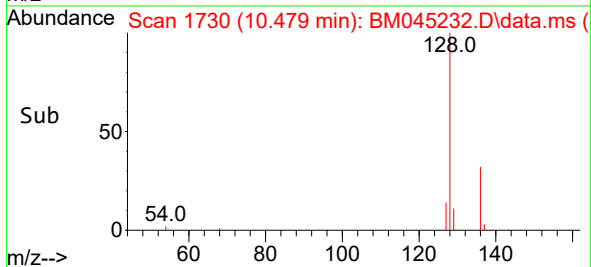
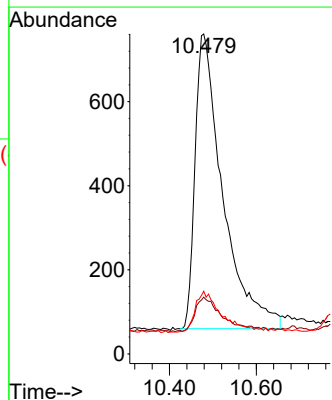
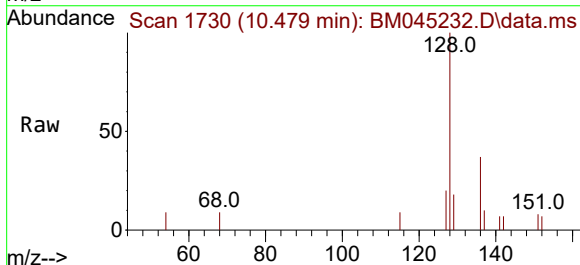
Instrument :
BNA_M
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SLCS205

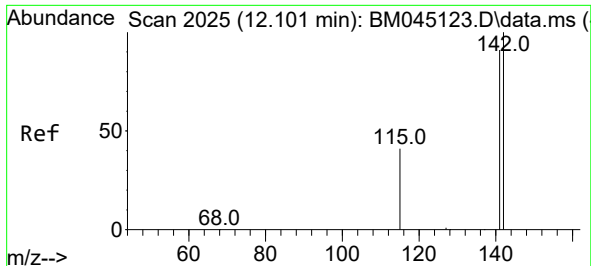
Tgt Ion: 88 Resp: 2978
Ion Ratio Lower Upper
88 100
43 36.8 30.6 46.0
58 60.6 32.6 48.8#



#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.479 min Scan# 1730
Delta R.T. 0.038 min
Lab File: BM045232.D
Acq: 14 Apr 2024 08:04

Tgt Ion:128 Resp: 3110
Ion Ratio Lower Upper
128 100
129 17.7 11.3 16.9#
127 19.6 11.9 17.9#

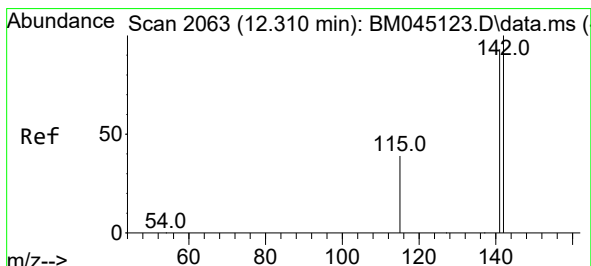
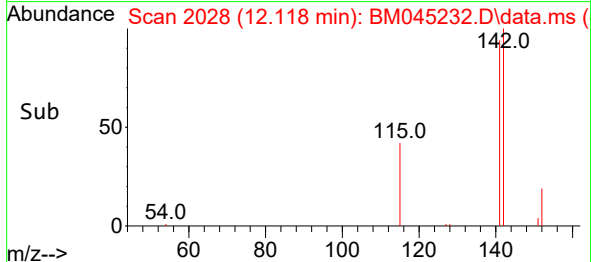
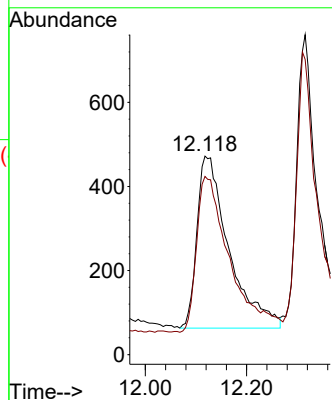
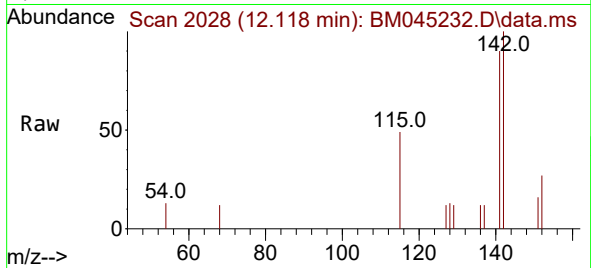




#7
2-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.118 min Scan# 2028
Delta R.T. 0.044 min
Lab File: BM045232.D
Acq: 14 Apr 2024 08:04

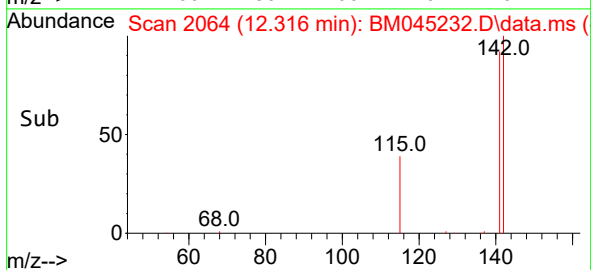
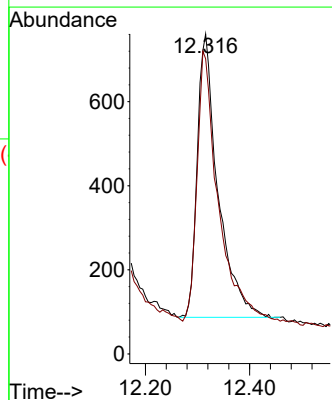
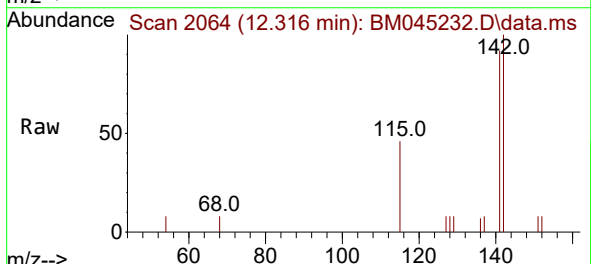
Instrument :
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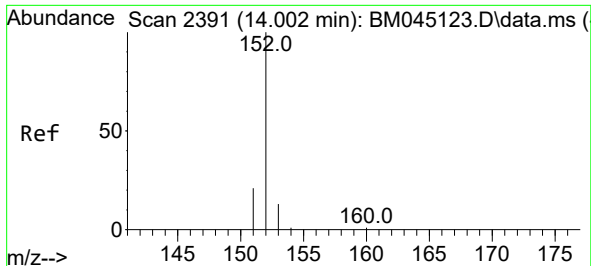
Tgt Ion:142 Resp: 1789
Ion Ratio Lower Upper
142 100
141 94.9 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.316 min Scan# 2064
Delta R.T. 0.027 min
Lab File: BM045232.D
Acq: 14 Apr 2024 08:04

Tgt Ion:142 Resp: 1862
Ion Ratio Lower Upper
142 100
141 97.7 74.2 111.2

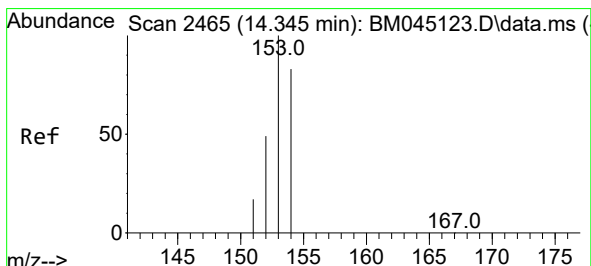
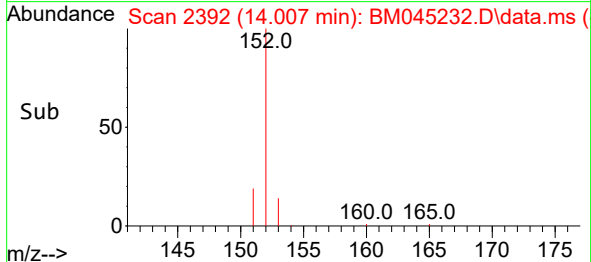
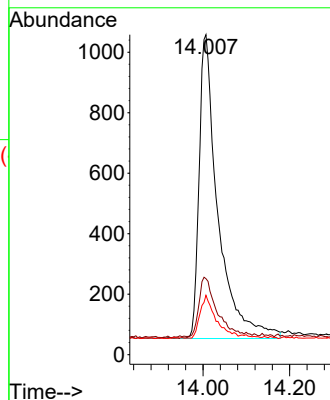
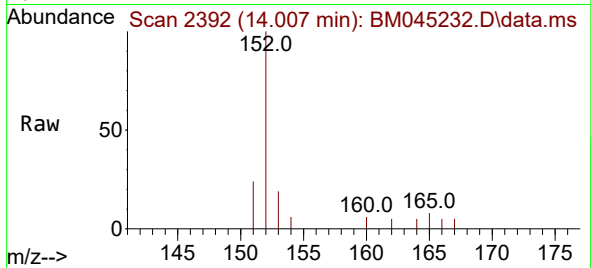




#10
Acenaphthylene
Concen: 0.436 ng/ul
RT: 14.007 min Scan# 21
Delta R.T. 0.023 min
Lab File: BM045232.D
Acq: 14 Apr 2024 08:04

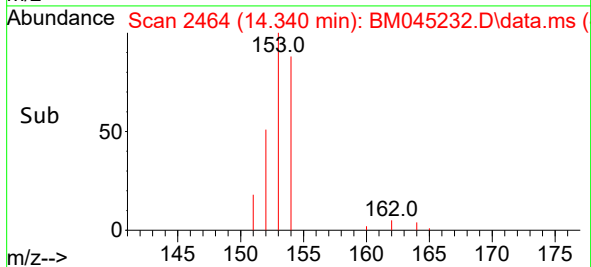
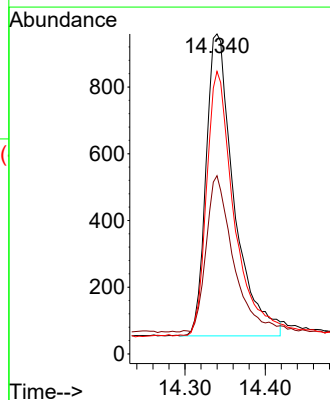
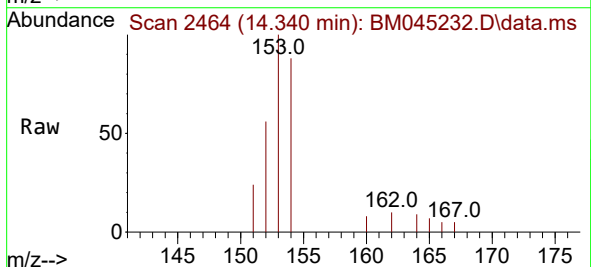
Instrument :
BNA_M
ClientSampleId :
SLCS205

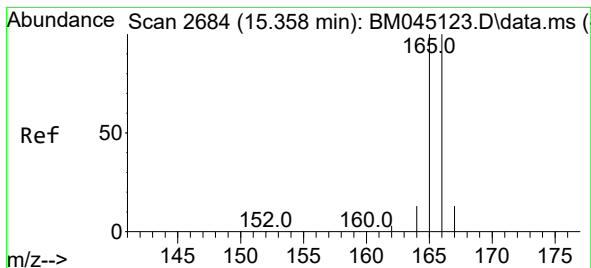
Tgt Ion:152 Resp: 3036
Ion Ratio Lower Upper
152 100
151 23.7 17.0 25.4
153 18.5 11.9 17.9#



#11
Acenaphthene
Concen: 0.439 ng/ul
RT: 14.340 min Scan# 2464
Delta R.T. 0.014 min
Lab File: BM045232.D
Acq: 14 Apr 2024 08:04

Tgt Ion:153 Resp: 2188
Ion Ratio Lower Upper
153 100
152 55.7 41.2 61.8
154 88.3 69.4 104.0





#12

Fluorene

Concen: 0.424 ng/ul

RT: 15.358 min Scan# 2

Delta R.T. 0.028 min

Lab File: BM045232.D

Acq: 14 Apr 2024 08:04

Instrument :

BNA_M

ClientSampleId :

SLCS205

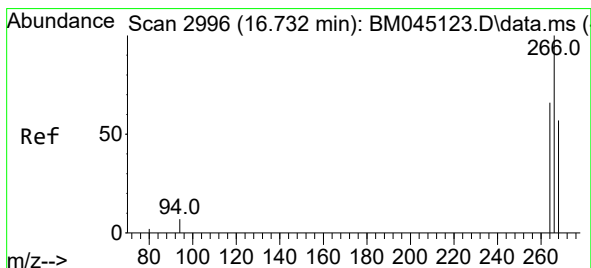
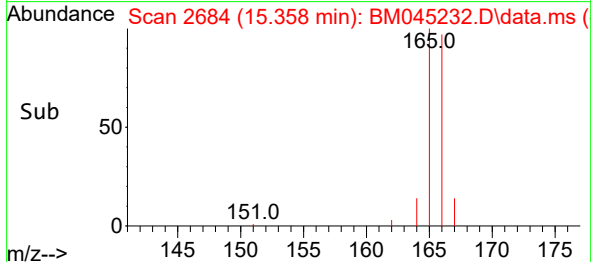
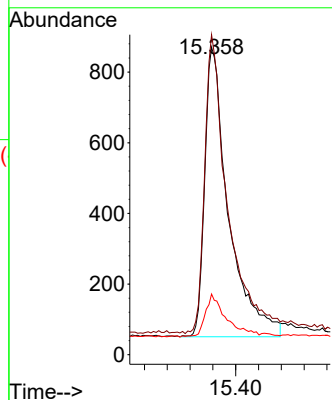
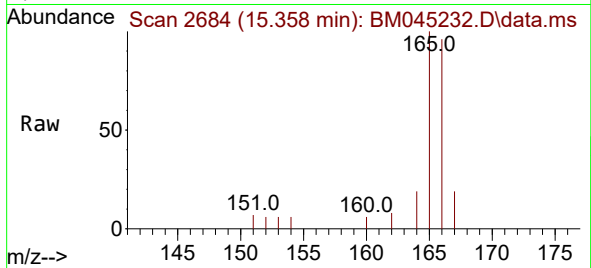
Tgt Ion:166 Resp: 2368

Ion Ratio Lower Upper

166 100

165 104.0 79.9 119.9

167 19.7 12.2 18.2#



#14

Pentachlorophenol

Concen: 0.810 ng/ul

RT: 16.710 min Scan# 2991

Delta R.T. 0.013 min

Lab File: BM045232.D

Acq: 14 Apr 2024 08:04

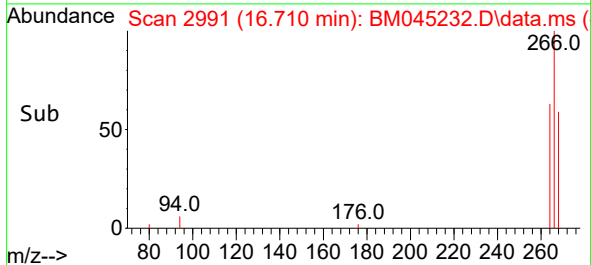
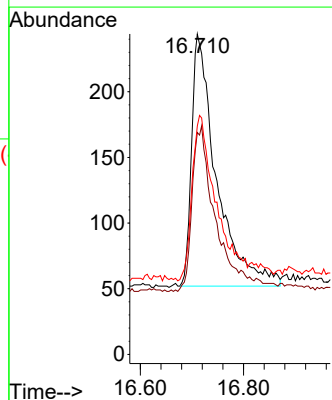
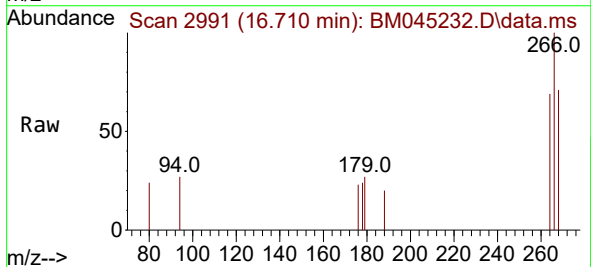
Tgt Ion:266 Resp: 641

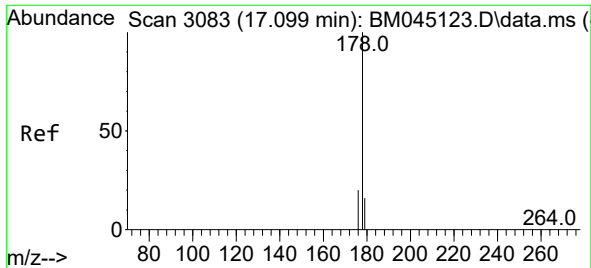
Ion Ratio Lower Upper

266 100

264 63.7 48.3 72.5

268 68.5 52.6 79.0

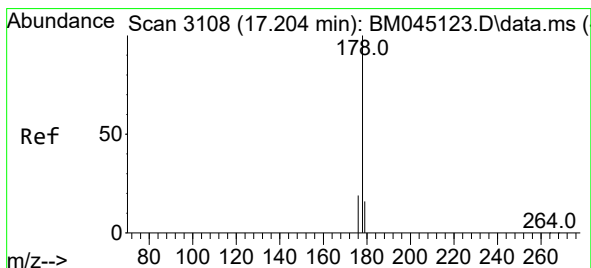
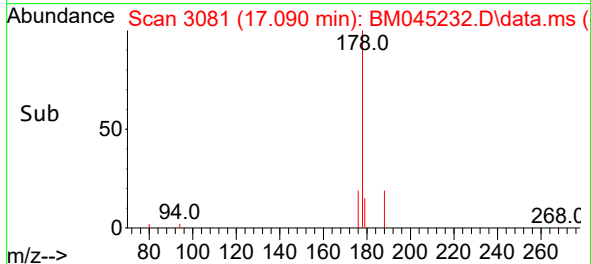
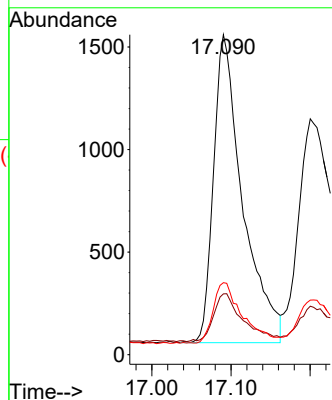
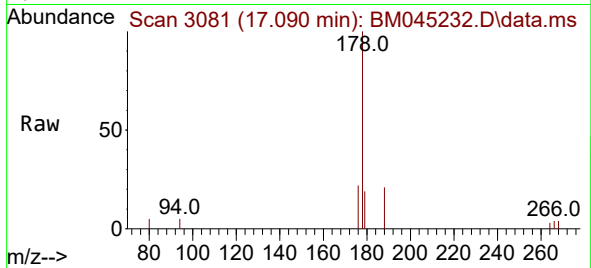




#15
Phenanthrene
Concen: 0.403 ng/ul
RT: 17.090 min Scan# 3083
Delta R.T. 0.017 min
Lab File: BM045232.D
Acq: 14 Apr 2024 08:04

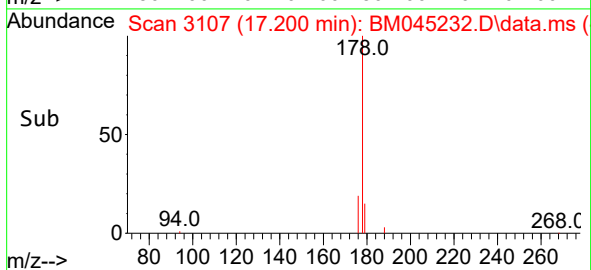
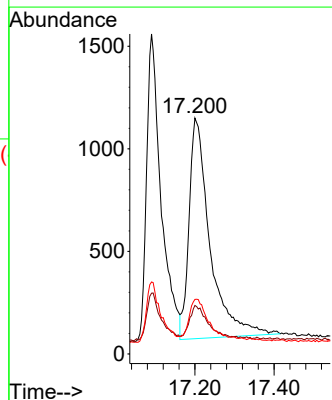
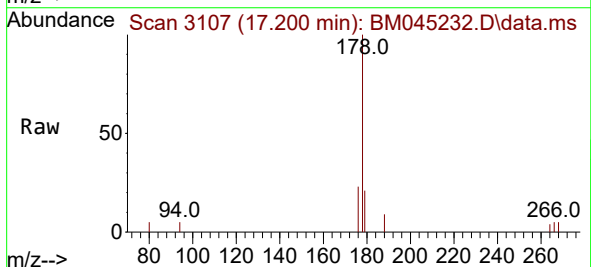
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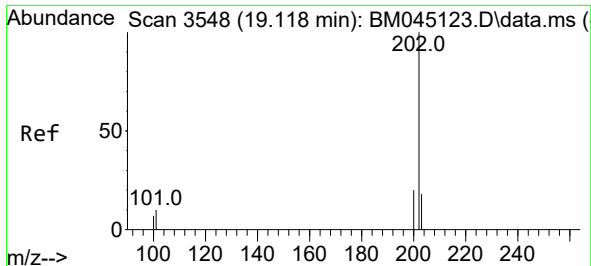
Tgt Ion:178 Resp: 3826
Ion Ratio Lower Upper
178 100
179 19.0 13.7 20.5
176 22.5 17.0 25.4



#16
Anthracene
Concen: 0.422 ng/ul
RT: 17.200 min Scan# 3107
Delta R.T. 0.030 min
Lab File: BM045232.D
Acq: 14 Apr 2024 08:04

Tgt Ion:178 Resp: 3953
Ion Ratio Lower Upper
178 100
179 20.5 13.8 20.8
176 23.1 16.2 24.4

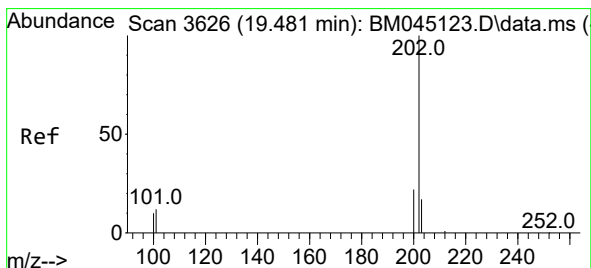
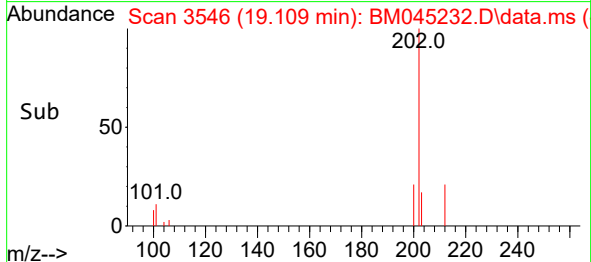
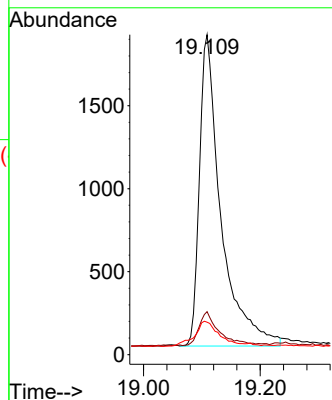
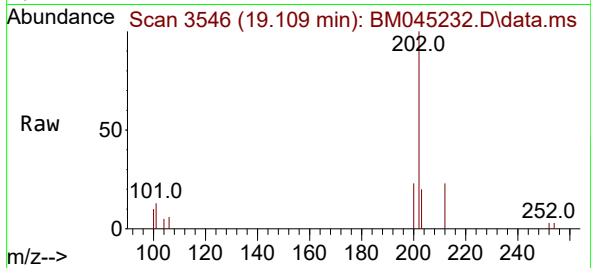




#19
Fluoranthene
Concen: 0.499 ng/ul
RT: 19.109 min Scan# 3546
Delta R.T. 0.014 min
Lab File: BM045232.D
Acq: 14 Apr 2024 08:04

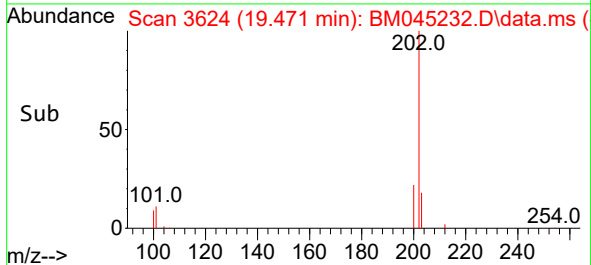
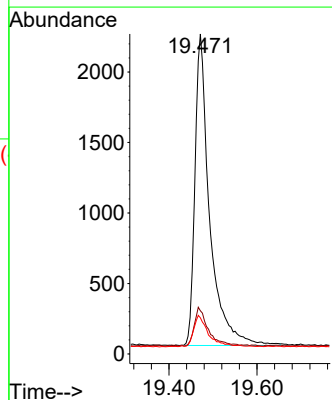
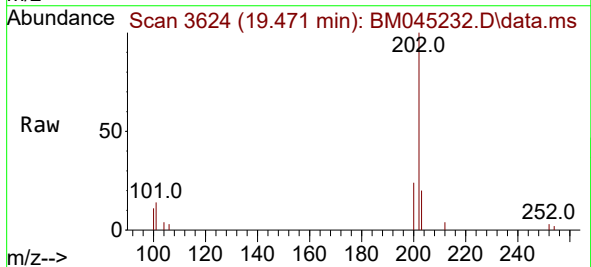
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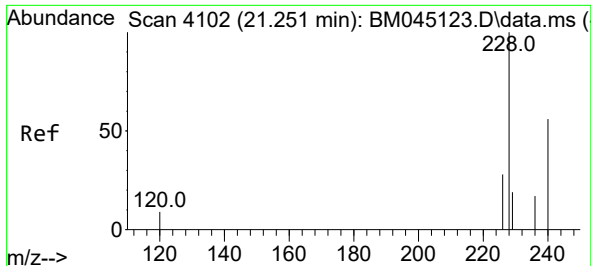
Tgt Ion:202 Resp: 4806
Ion Ratio Lower Upper
202 100
101 13.4 8.8 13.2#
100 10.2 7.0 10.4



#20
Pyrene
Concen: 0.505 ng/ul
RT: 19.471 min Scan# 3624
Delta R.T. 0.009 min
Lab File: BM045232.D
Acq: 14 Apr 2024 08:04

Tgt Ion:202 Resp: 5129
Ion Ratio Lower Upper
202 100
101 13.5 9.8 14.6
100 11.3 8.1 12.1

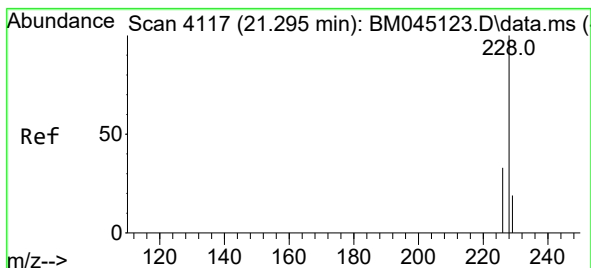
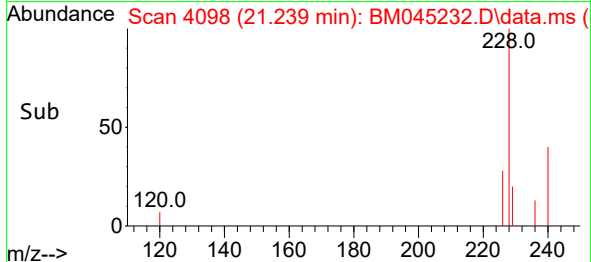
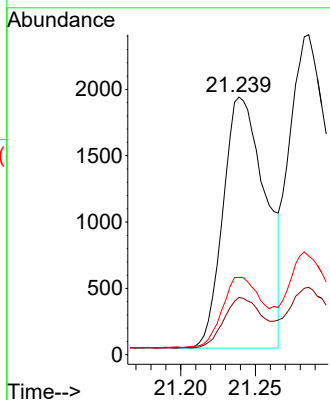
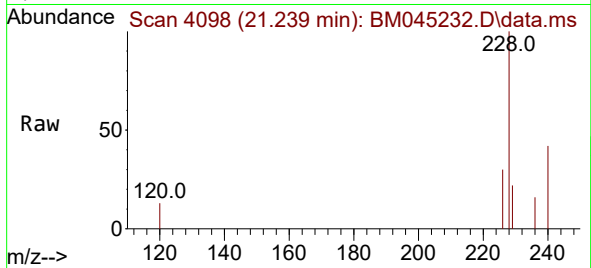




#21
Benzo(a)anthracene
Concen: 0.397 ng/ul
RT: 21.239 min Scan# 4098
Delta R.T. 0.012 min
Lab File: BM045232.D
Acq: 14 Apr 2024 08:04

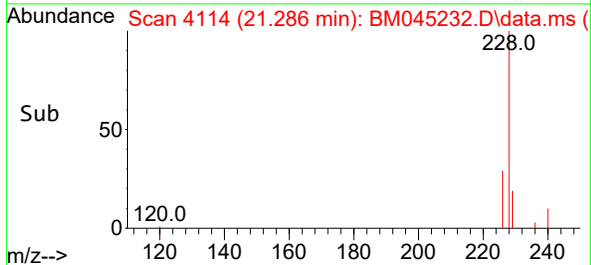
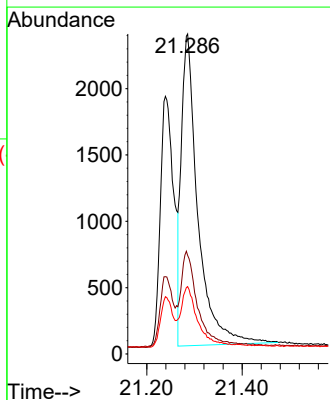
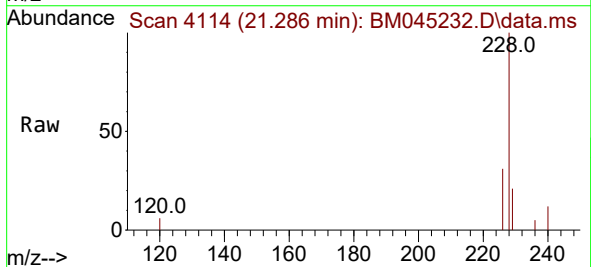
Instrument :
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ClientSampleId :
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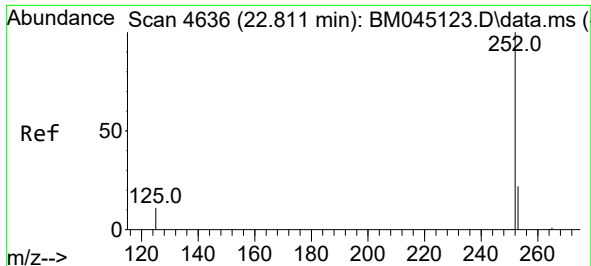
Tgt Ion:228 Resp: 3727
Ion Ratio Lower Upper
228 100
229 22.2 16.4 24.6
226 30.0 22.3 33.5



#22
Chrysene
Concen: 0.484 ng/ul
RT: 21.286 min Scan# 4114
Delta R.T. 0.009 min
Lab File: BM045232.D
Acq: 14 Apr 2024 08:04

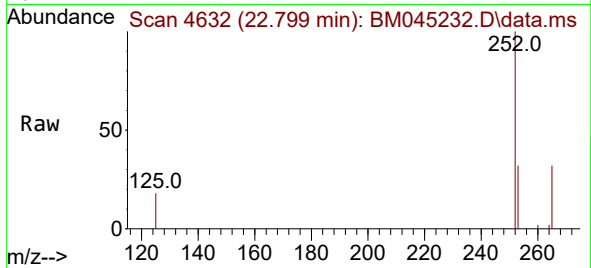
Tgt Ion:228 Resp: 5664
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 21.1 15.9 23.9



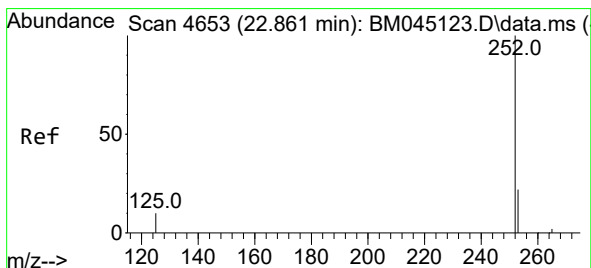
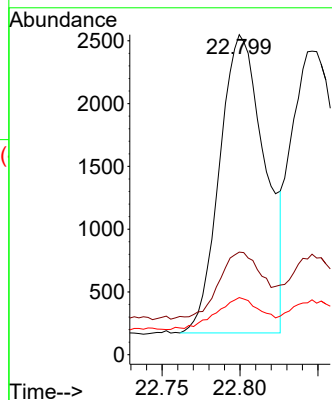


#24
Benzo(b)fluoranthene
Concen: 0.413 ng/ul
RT: 22.799 min Scan# 4632
Delta R.T. 0.006 min
Lab File: BM045232.D
Acq: 14 Apr 2024 08:04

Instrument :
BNA_M
ClientSampleId :
SLCS205

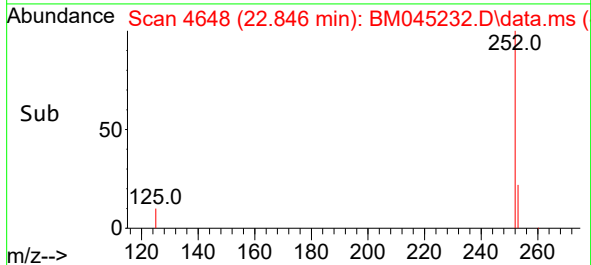
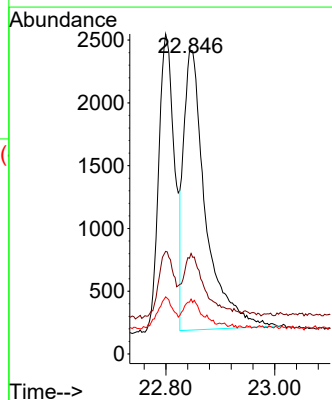
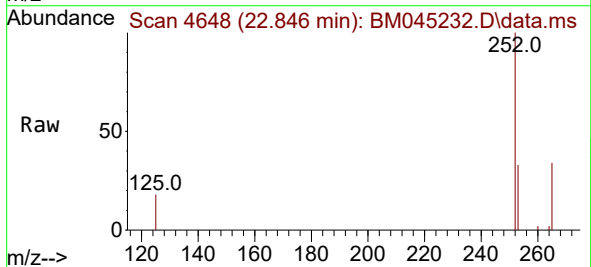


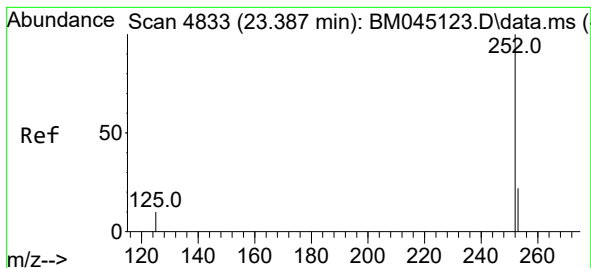
Tgt Ion:252 Resp: 4799
Ion Ratio Lower Upper
252 100
253 32.1 0.0 56.4
125 17.9 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.482 ng/ul
RT: 22.846 min Scan# 4648
Delta R.T. 0.006 min
Lab File: BM045232.D
Acq: 14 Apr 2024 08:04

Tgt Ion:252 Resp: 6269
Ion Ratio Lower Upper
252 100
253 33.1 22.3 33.5
125 18.1 11.6 17.4#





#26

Benzo(a)pyrene

Concen: 0.448 ng/ul

RT: 23.375 min Scan# 41

Delta R.T. 0.012 min

Lab File: BM045232.D

Acq: 14 Apr 2024 08:04

Instrument :

BNA_M

ClientSampleId :

SLCS205

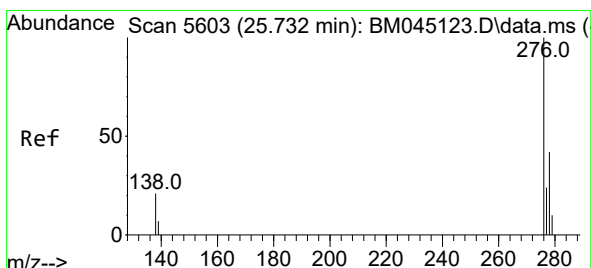
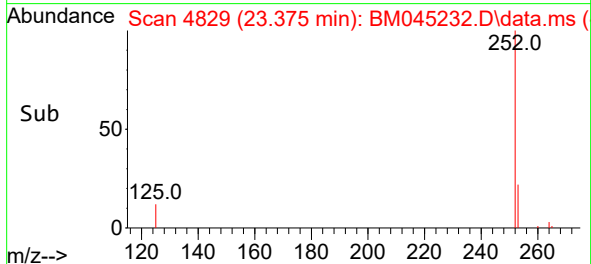
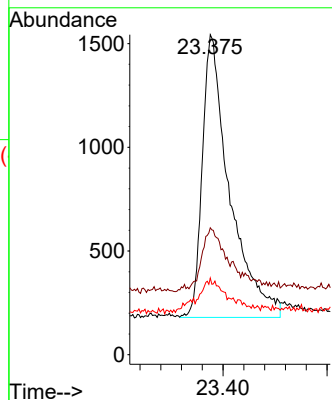
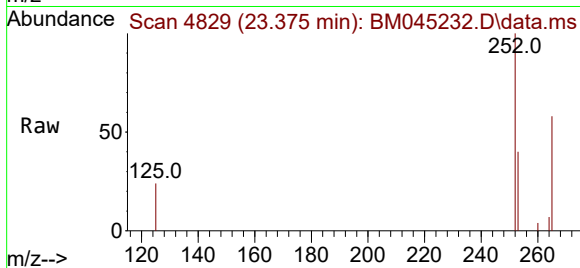
Tgt Ion:252 Resp: 4967

Ion Ratio Lower Upper

252 100

253 39.7 24.6 37.0#

125 24.0 18.2 27.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.412 ng/ul

RT: 25.718 min Scan# 5599

Delta R.T. 0.023 min

Lab File: BM045232.D

Acq: 14 Apr 2024 08:04

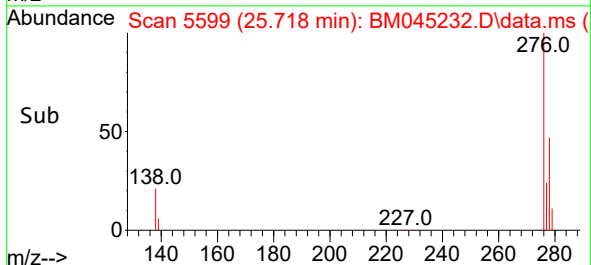
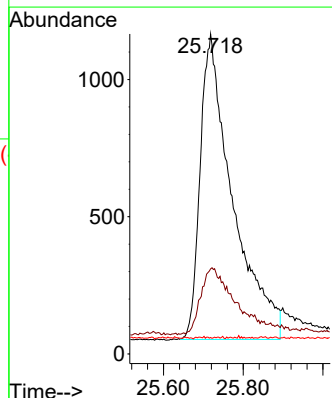
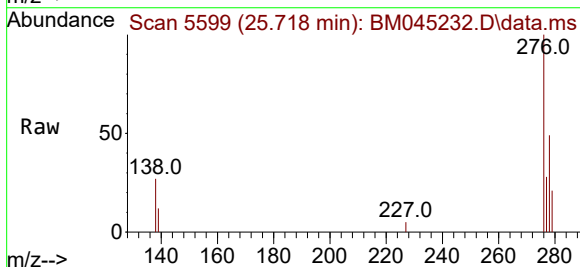
Tgt Ion:276 Resp: 6265

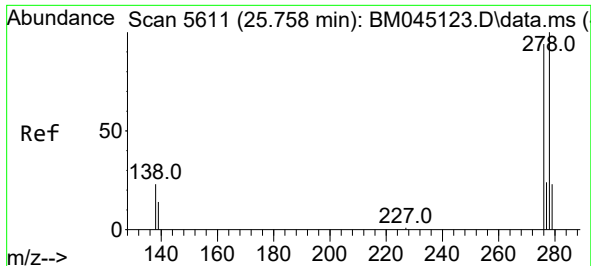
Ion Ratio Lower Upper

276 100

138 23.8 0.0 0.0#

227 0.0 0.1 0.1#

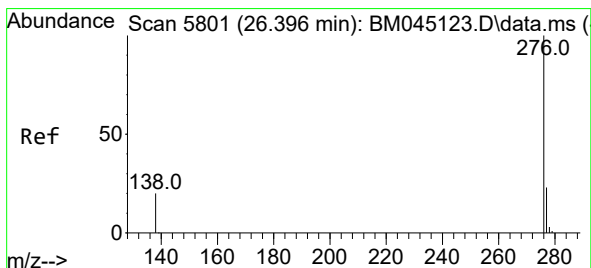
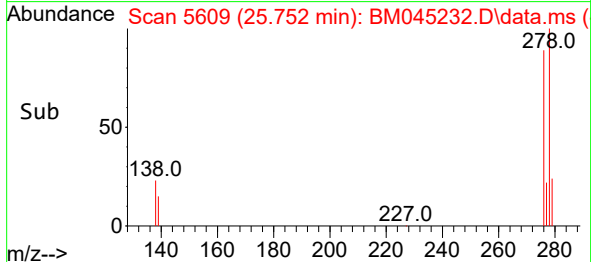
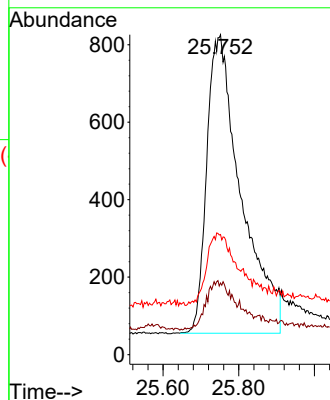
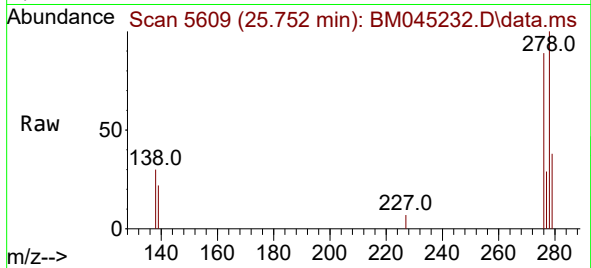




#28
Dibenzo(a,h)anthracene
Concen: 0.402 ng/ul
RT: 25.752 min Scan# 5609
Delta R.T. 0.037 min
Lab File: BM045232.D
Acq: 14 Apr 2024 08:04

Instrument :
BNA_M
ClientSampleId :
SLCS205

Tgt Ion:278 Resp: 4846
Ion Ratio Lower Upper
278 100
139 22.4 13.6 20.4#
279 37.5 23.0 34.4#



#29
Benzo(g,h,i)perylene
Concen: 0.432 ng/ul
RT: 26.379 min Scan# 5796
Delta R.T. 0.013 min
Lab File: BM045232.D
Acq: 14 Apr 2024 08:04

Tgt Ion:276 Resp: 5670
Ion Ratio Lower Upper
276 100
138 25.8 16.8 25.2#
277 28.8 20.3 30.5

