

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
 Data File : BM045119.D
 Acq On : 11 Apr 2024 03:38
 Operator : MA/JU
 Sample : PB160083BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS083

Quant Time: Apr 11 04:08:25 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 : Wed Apr 10 11:09:26 2024
 Response via : Initial Calibration

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

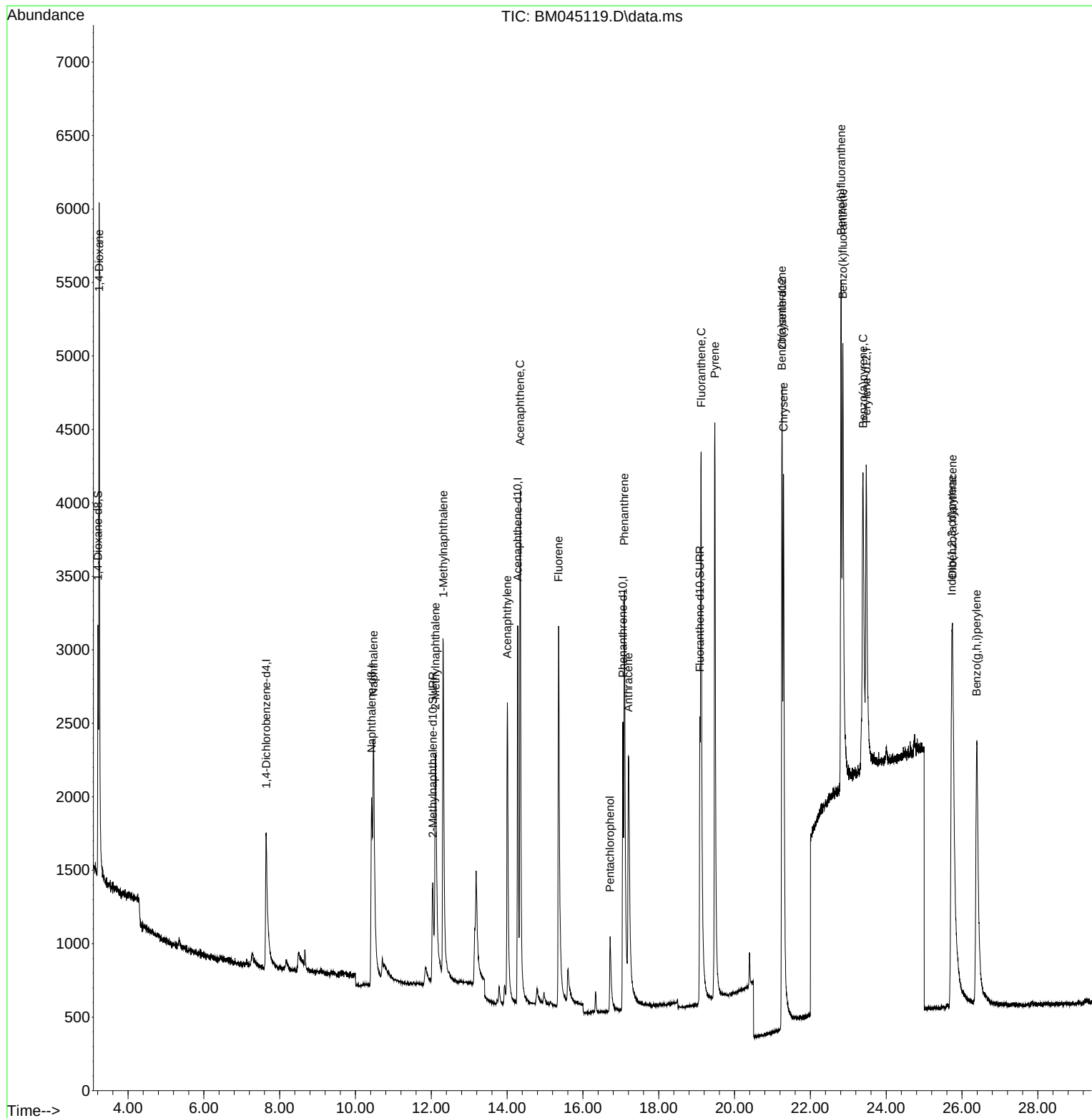
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.648	152	1201	0.400	ng/ul	0.00
4) Naphthalene-d8	10.424	136	3728	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.280	164	1969	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.052	188	4146	0.400	ng/ul	0.00
17) Chrysene-d12	21.256	240	2806	0.400	ng/ul #	0.00
23) Perylene-d12	23.478	264	3492	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	1310	0.830	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.041	152	1961	0.388	ng/ul	0.01
18) Fluoranthene-d10	19.086	212	3482	0.491	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	3185	2.106	ng/ul#	82
5) Naphthalene	10.479	128	3907	0.395	ng/ul	95
7) 2-Methylnaphthalene	12.112	142	2296	0.389	ng/ul	97
8) 1-Methylnaphthalene	12.316	142	2400	0.372	ng/ul	95
10) Acenaphthylene	14.007	152	3857	0.393	ng/ul	96
11) Acenaphthene	14.345	153	2801	0.398	ng/ul	98
12) Fluorene	15.358	166	2966	0.376	ng/ul	97
14) Pentachlorophenol	16.719	266	644	0.662	ng/ul	99
15) Phenanthrene	17.095	178	4363	0.374	ng/ul	98
16) Anthracene	17.200	178	4406	0.383	ng/ul	94
19) Fluoranthene	19.118	202	4948	0.493	ng/ul	96
20) Pyrene	19.481	202	5276	0.498	ng/ul	96
21) Benzo(a)anthracene	21.251	228	3647	0.373	ng/ul	96
22) Chrysene	21.294	228	5338	0.438	ng/ul	97
24) Benzo(b)fluoranthene	22.811	252	4748	0.376	ng/ul	93
25) Benzo(k)fluoranthene	22.858	252	6122	0.433	ng/ul#	88
26) Benzo(a)pyrene	23.390	252	5039	0.418	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.732	276	6386	0.387	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.748	278	4889	0.374	ng/ul#	86
29) Benzo(g,h,i)perylene	26.389	276	5942	0.417	ng/ul	96

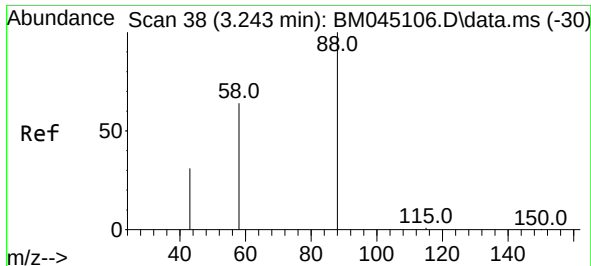
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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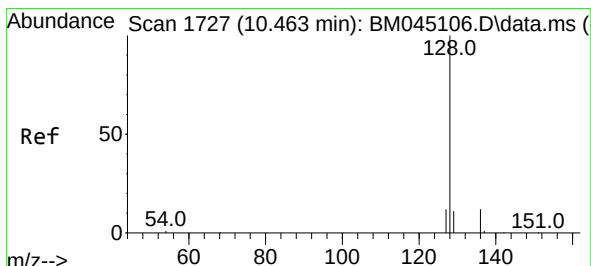
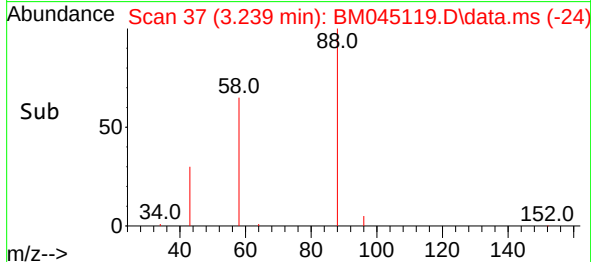
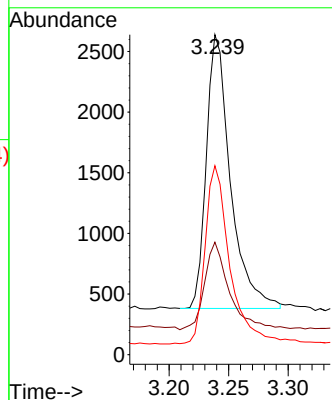
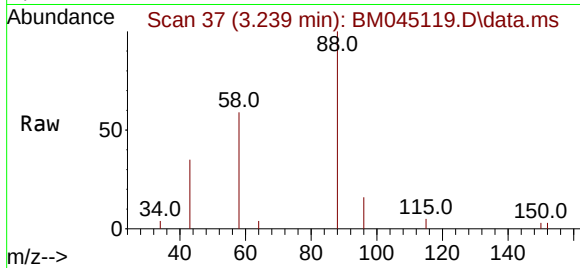




#2
1,4-Dioxane
Concen: 2.106 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM045119.D
Acq: 11 Apr 2024 03:38

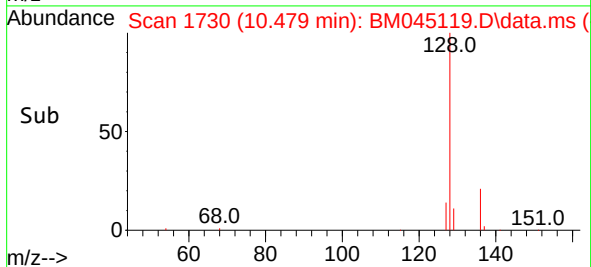
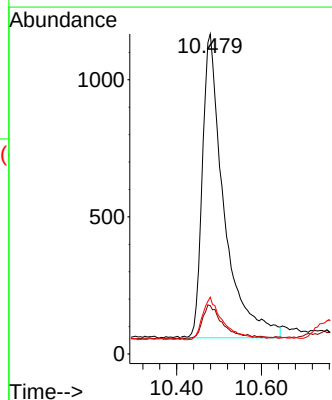
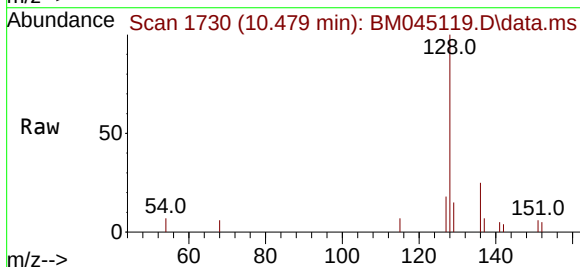
Instrument :
BNA_M
ClientSampleId :
SLCS083

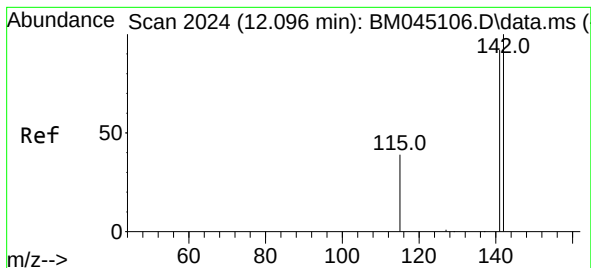
Tgt Ion: 88 Resp: 3185
Ion Ratio Lower Upper
88 100
43 35.2 30.6 46.0
58 59.0 32.6 48.8#



#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.479 min Scan# 1730
Delta R.T. 0.005 min
Lab File: BM045119.D
Acq: 11 Apr 2024 03:38

Tgt Ion:128 Resp: 3907
Ion Ratio Lower Upper
128 100
129 15.1 11.3 16.9
127 17.7 11.9 17.9

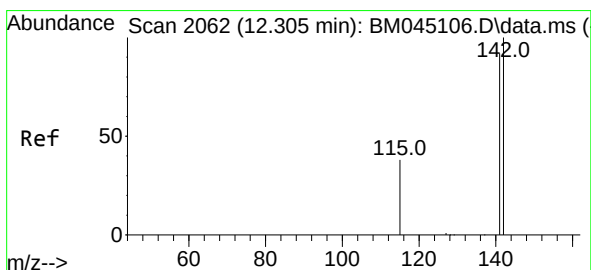
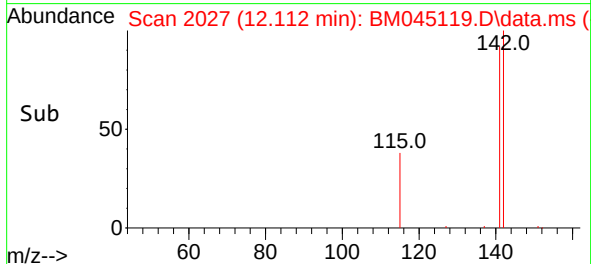
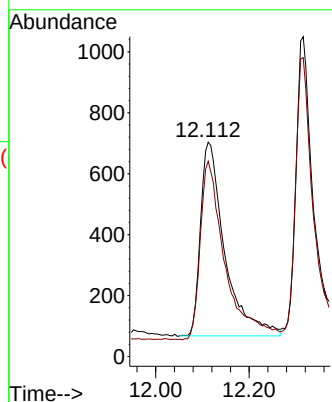
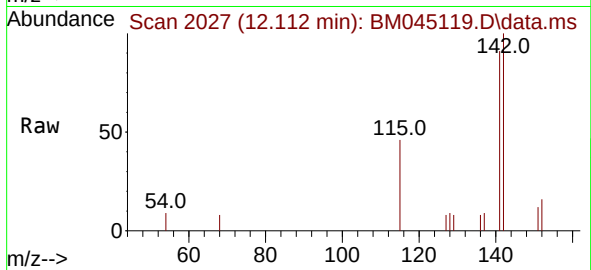




#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.112 min Scan# 2027
Delta R.T. 0.005 min
Lab File: BM045119.D
Acq: 11 Apr 2024 03:38

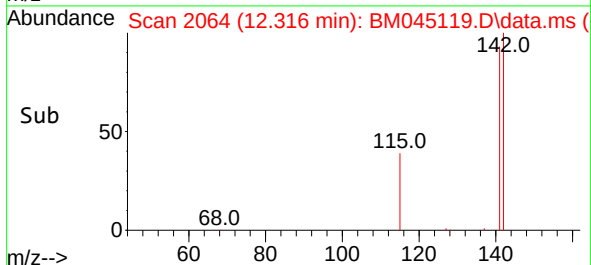
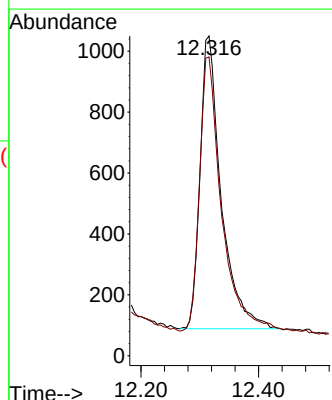
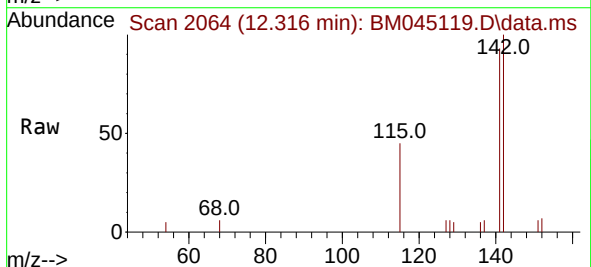
Instrument :
BNA_M
ClientSampleId :
SLCS083

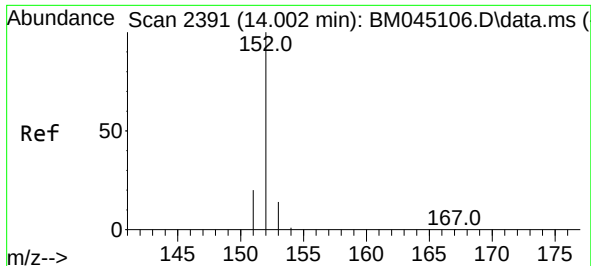
Tgt Ion:142 Resp: 2296
Ion Ratio Lower Upper
142 100
141 94.8 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.316 min Scan# 2064
Delta R.T. 0.005 min
Lab File: BM045119.D
Acq: 11 Apr 2024 03:38

Tgt Ion:142 Resp: 2400
Ion Ratio Lower Upper
142 100
141 97.5 74.2 111.2

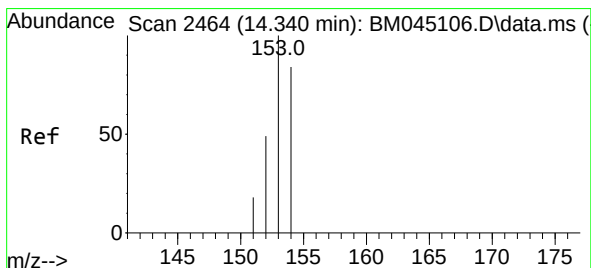
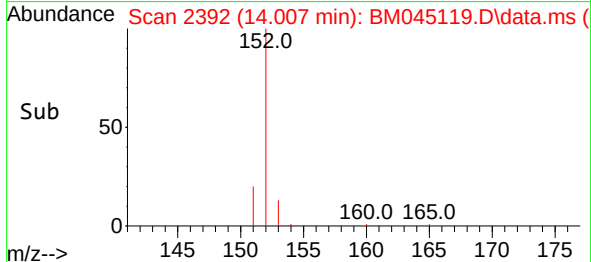
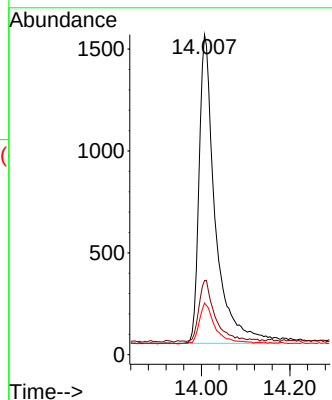
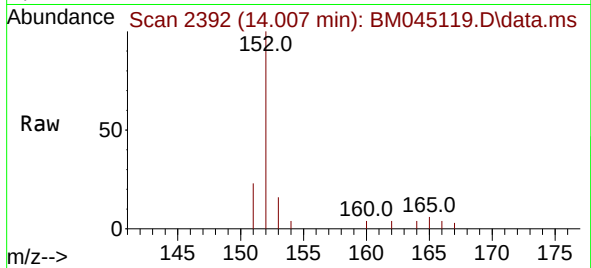




#10
Acenaphthylene
Concen: 0.393 ng/u1
RT: 14.007 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM045119.D
Acq: 11 Apr 2024 03:38

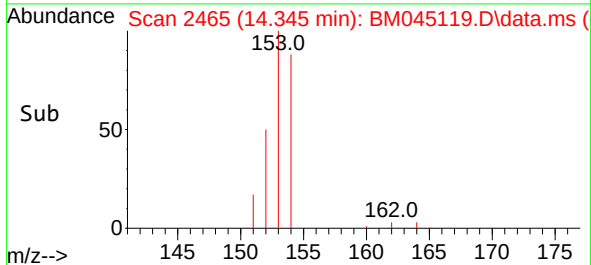
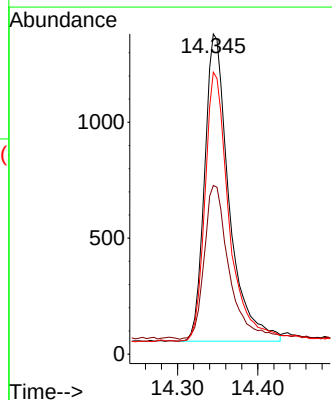
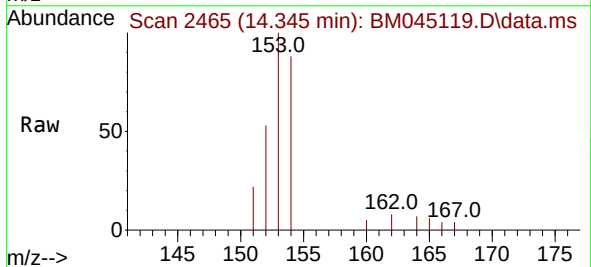
Instrument :
BNA_M
ClientSampleId :
SLCS083

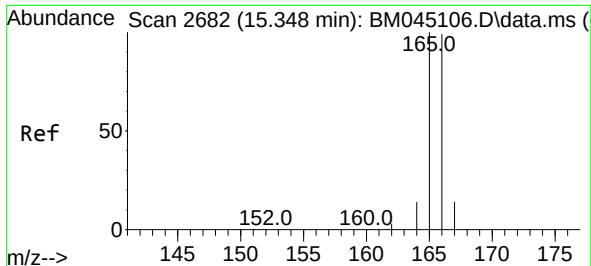
Tgt Ion:152 Resp: 3857
Ion Ratio Lower Upper
152 100
151 23.2 17.0 25.4
153 16.2 11.9 17.9



#11
Acenaphthene
Concen: 0.398 ng/u1
RT: 14.345 min Scan# 2465
Delta R.T. -0.004 min
Lab File: BM045119.D
Acq: 11 Apr 2024 03:38

Tgt Ion:153 Resp: 2801
Ion Ratio Lower Upper
153 100
152 52.6 41.2 61.8
154 88.1 69.4 104.0

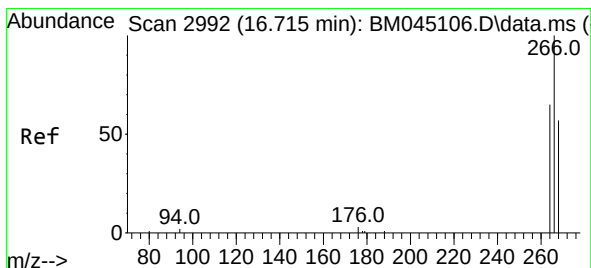
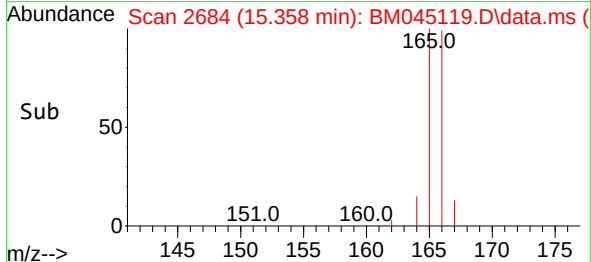
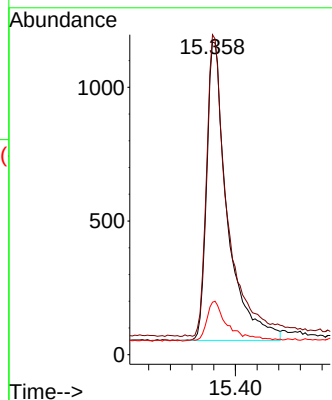
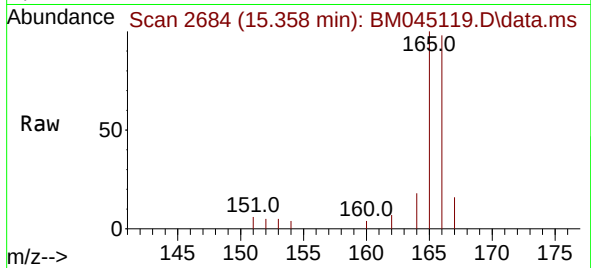




#12
Fluorene
Concen: 0.376 ng/ul
RT: 15.358 min Scan# 2093
Delta R.T. 0.001 min
Lab File: BM045119.D
Acq: 11 Apr 2024 03:38

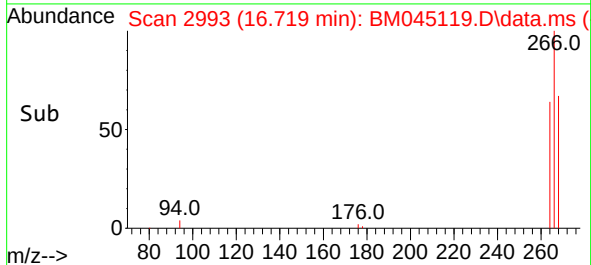
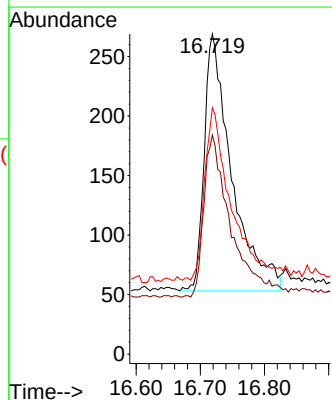
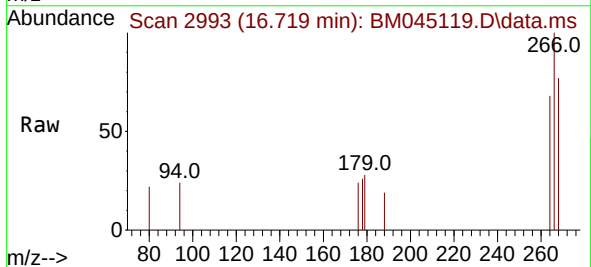
Instrument :
BNA_M
ClientSampleId :
SLCS083

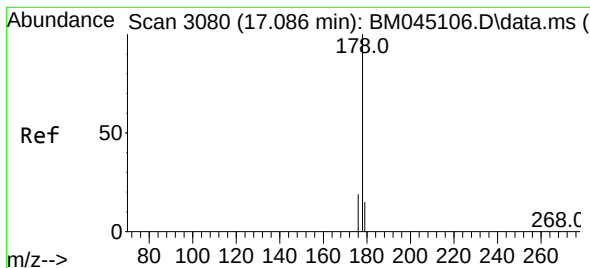
Tgt Ion:	166	Resp:	2966
Ion	Ratio	Lower	Upper
166	100		
165	102.3	79.9	119.9
167	16.8	12.2	18.2



#14
Pentachlorophenol
Concen: 0.662 ng/ul
RT: 16.719 min Scan# 2993
Delta R.T. -0.008 min
Lab File: BM045119.D
Acq: 11 Apr 2024 03:38

Tgt Ion:	266	Resp:	644
Ion	Ratio	Lower	Upper
266	100		
264	62.3	48.3	72.5
268	65.8	52.6	79.0





#15

Phenanthrene

Concen: 0.374 ng/ul

RT: 17.095 min Scan# 3082

Delta R.T. 0.001 min

Lab File: BM045119.D

Acq: 11 Apr 2024 03:38

Instrument :

BNA_M

ClientSampleId :

SLCS083

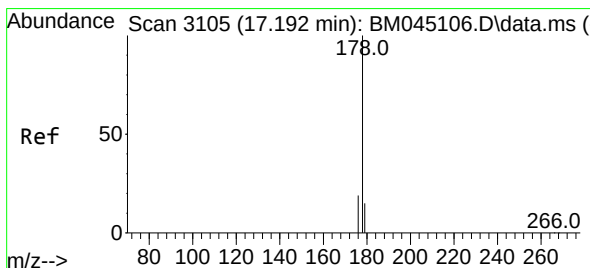
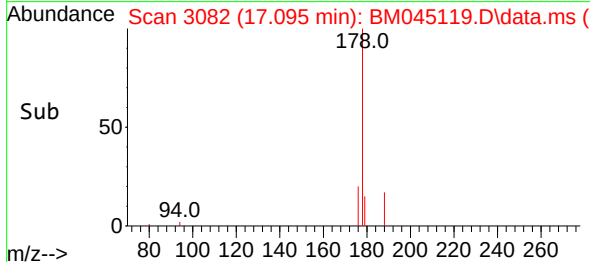
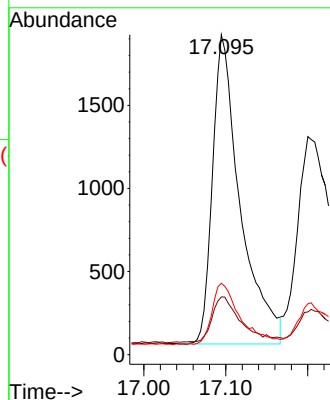
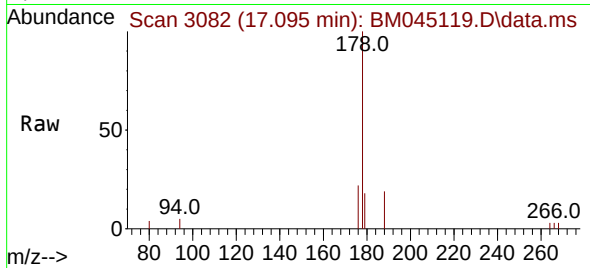
Tgt Ion:178 Resp: 4363

Ion Ratio Lower Upper

178 100

179 18.0 13.7 20.5

176 22.3 17.0 25.4



#16

Anthracene

Concen: 0.383 ng/ul

RT: 17.200 min Scan# 3107

Delta R.T. 0.001 min

Lab File: BM045119.D

Acq: 11 Apr 2024 03:38

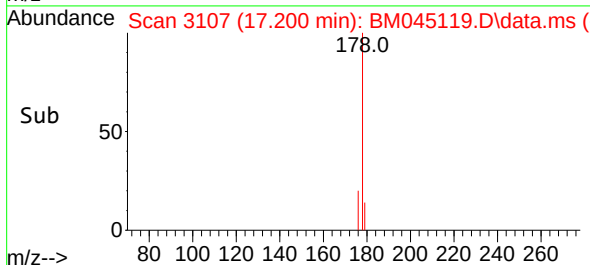
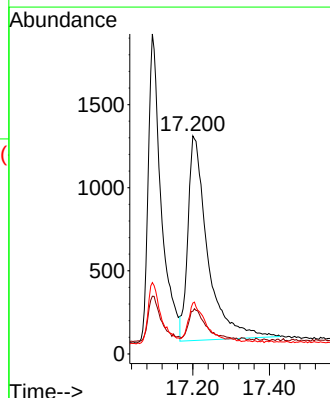
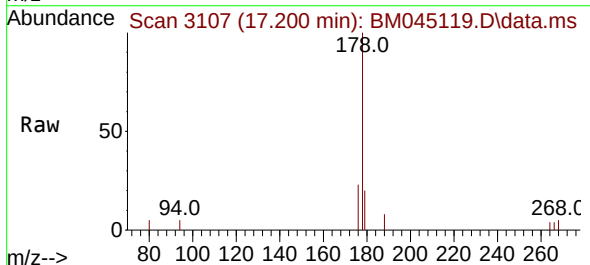
Tgt Ion:178 Resp: 4406

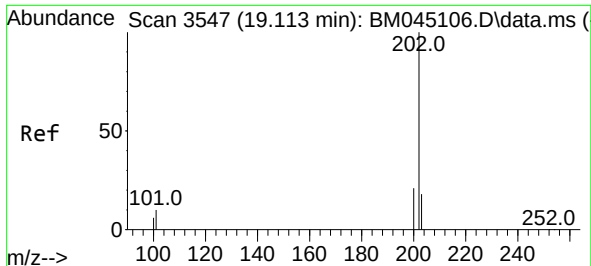
Ion Ratio Lower Upper

178 100

179 19.6 13.8 20.8

176 23.3 16.2 24.4

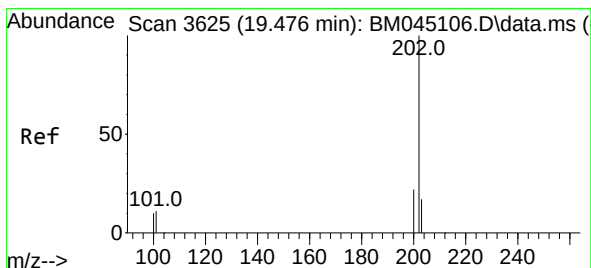
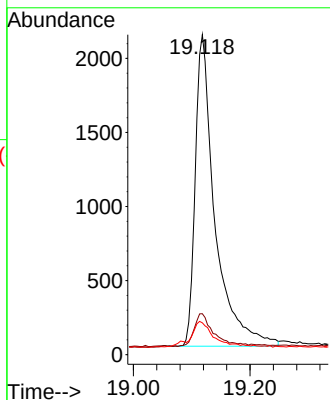
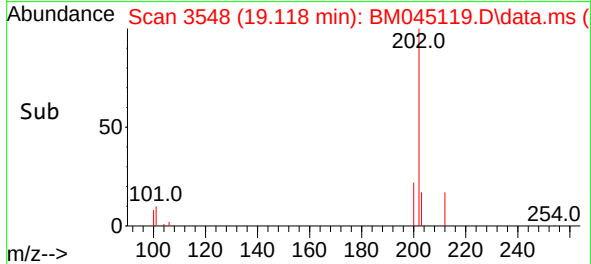
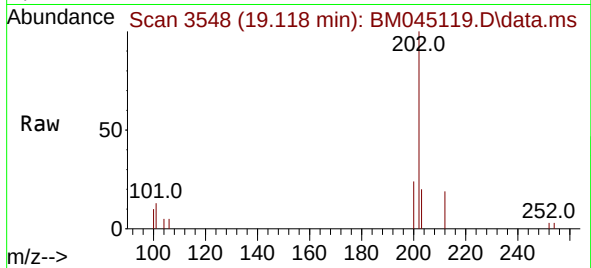




#19
Fluoranthene
Concen: 0.493 ng/u1
RT: 19.118 min Scan# 3548
Delta R.T. 0.001 min
Lab File: BM045119.D
Acq: 11 Apr 2024 03:38

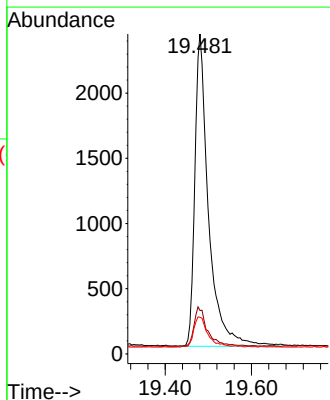
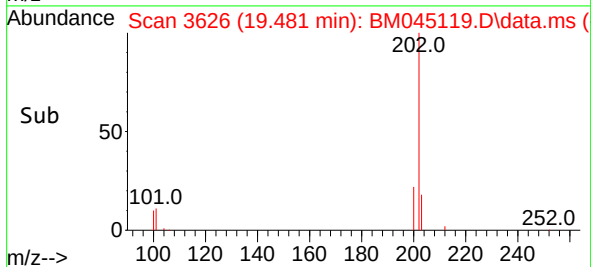
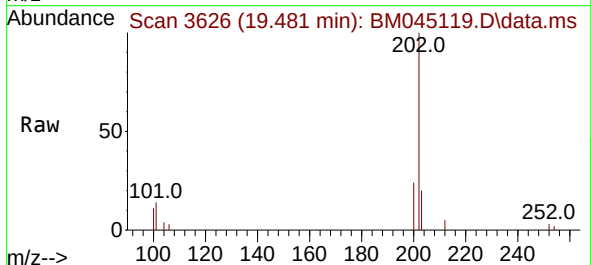
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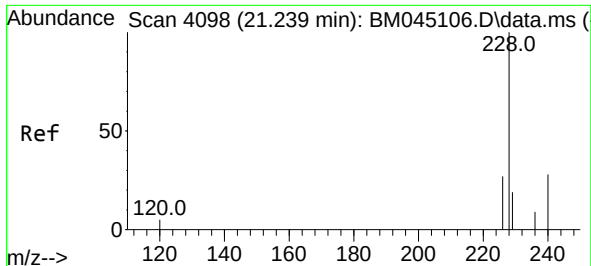
Tgt Ion:202 Resp: 4948
Ion Ratio Lower Upper
202 100
101 12.8 8.8 13.2
100 10.0 7.0 10.4



#20
Pyrene
Concen: 0.498 ng/u1
RT: 19.481 min Scan# 3626
Delta R.T. 0.001 min
Lab File: BM045119.D
Acq: 11 Apr 2024 03:38

Tgt Ion:202 Resp: 5276
Ion Ratio Lower Upper
202 100
101 13.6 9.8 14.6
100 11.5 8.1 12.1

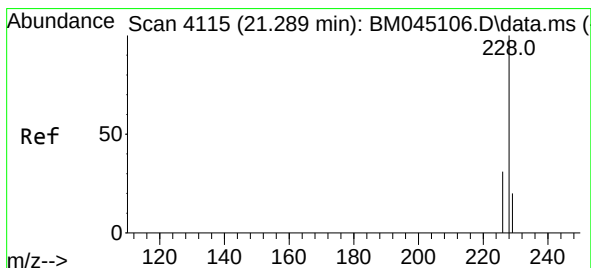
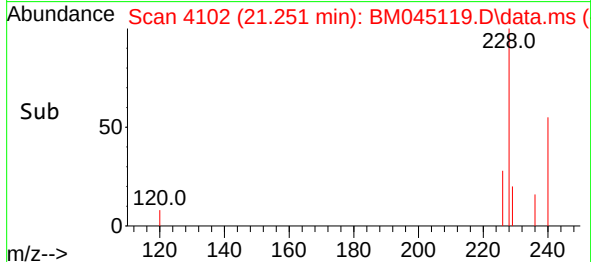
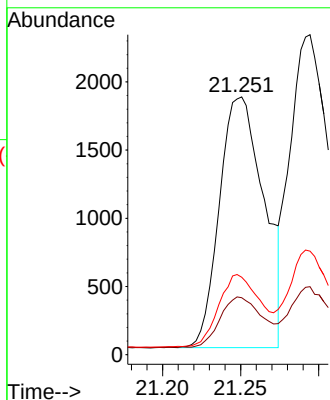
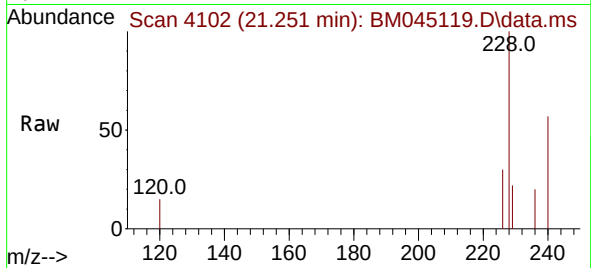




#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.251 min Scan# 4110
Delta R.T. 0.005 min
Lab File: BM045119.D
Acq: 11 Apr 2024 03:38

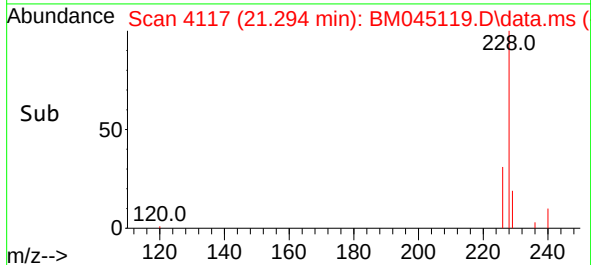
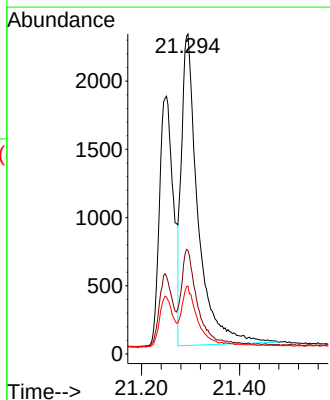
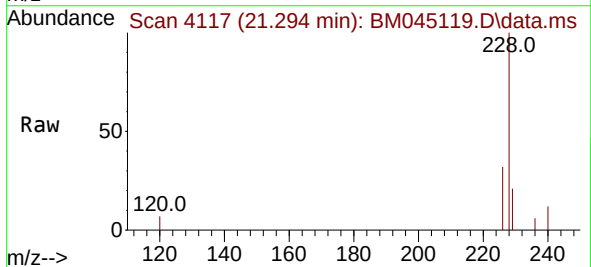
Instrument :
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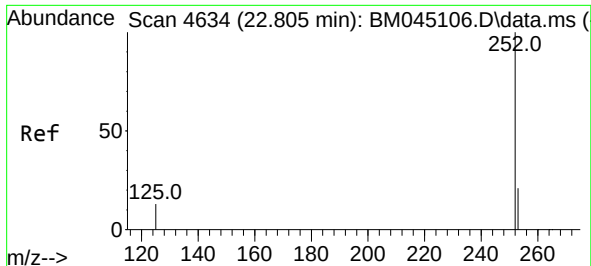
Tgt Ion:228 Resp: 3647
Ion Ratio Lower Upper
228 100
229 22.1 16.4 24.6
226 30.1 22.3 33.5



#22
Chrysene
Concen: 0.438 ng/ul
RT: 21.294 min Scan# 4117
Delta R.T. 0.002 min
Lab File: BM045119.D
Acq: 11 Apr 2024 03:38

Tgt Ion:228 Resp: 5338
Ion Ratio Lower Upper
228 100
226 32.4 24.9 37.3
229 21.3 15.9 23.9

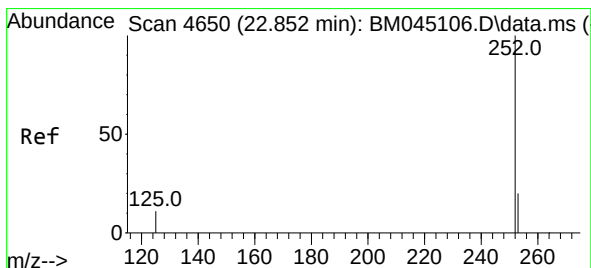
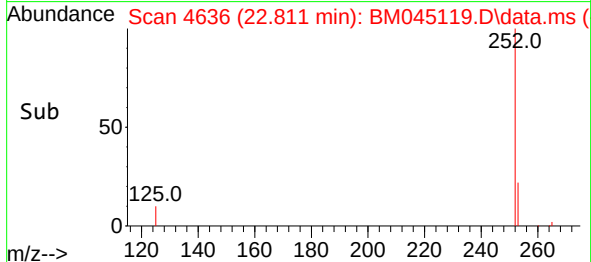
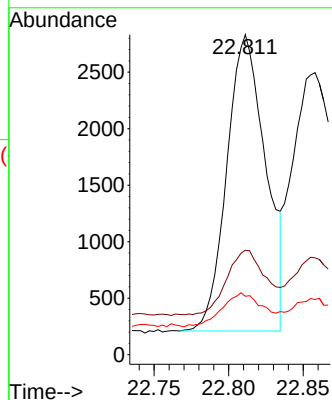
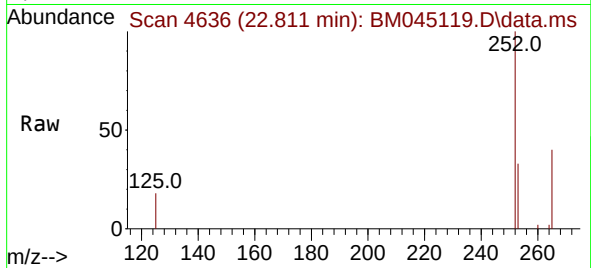




#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 22.811 min Scan# 4636
Delta R.T. 0.002 min
Lab File: BM045119.D
Acq: 11 Apr 2024 03:38

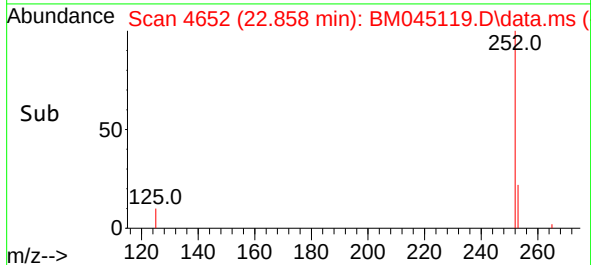
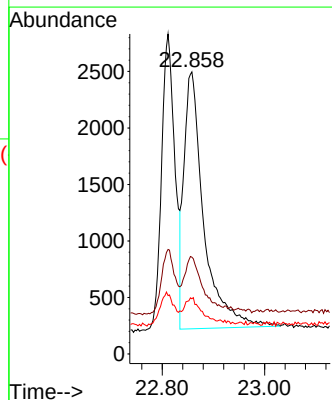
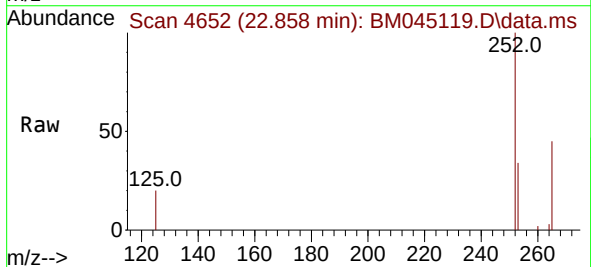
Instrument :
BNA_M
ClientSampleId :
SLCS083

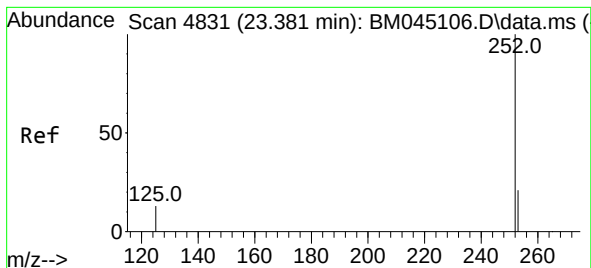
Tgt Ion:252 Resp: 4748
Ion Ratio Lower Upper
252 100
253 32.6 0.0 56.4
125 18.3 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.433 ng/ul
RT: 22.858 min Scan# 4652
Delta R.T. 0.002 min
Lab File: BM045119.D
Acq: 11 Apr 2024 03:38

Tgt Ion:252 Resp: 6122
Ion Ratio Lower Upper
252 100
253 34.3 22.3 33.5#
125 19.6 11.6 17.4#





#26

Benzo(a)pyrene

Concen: 0.418 ng/ul

RT: 23.390 min Scan# 41

Delta R.T. 0.005 min

Lab File: BM045119.D

Acq: 11 Apr 2024 03:38

Instrument :

BNA_M

ClientSampleId :

SLCS083

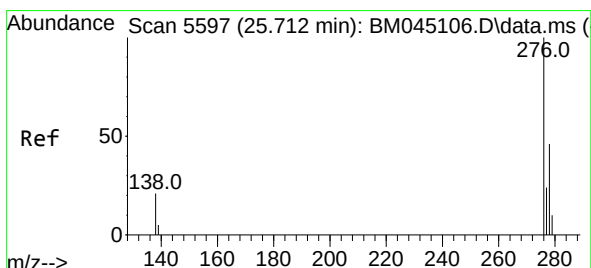
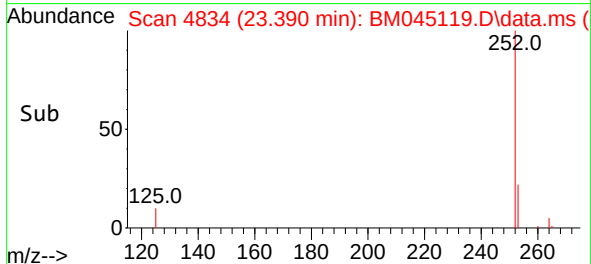
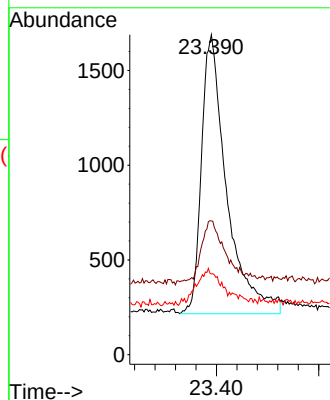
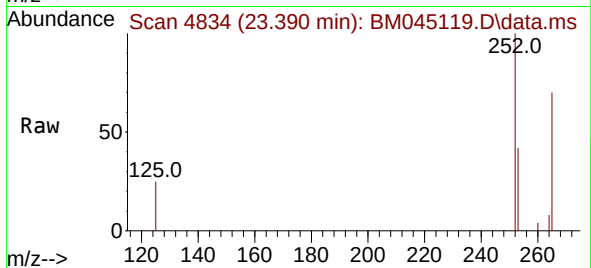
Tgt Ion:252 Resp: 5039

Ion Ratio Lower Upper

252 100

253 41.8 24.6 37.0#

125 25.2 18.2 27.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.387 ng/ul

RT: 25.732 min Scan# 5603

Delta R.T. 0.012 min

Lab File: BM045119.D

Acq: 11 Apr 2024 03:38

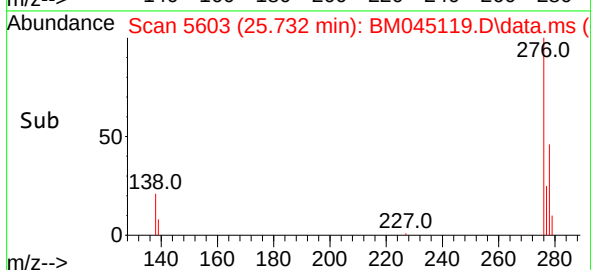
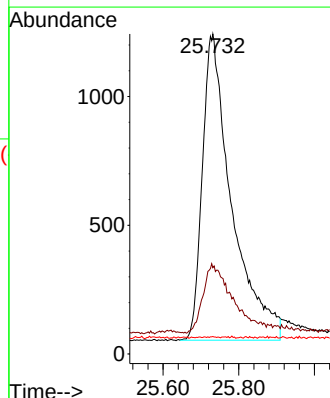
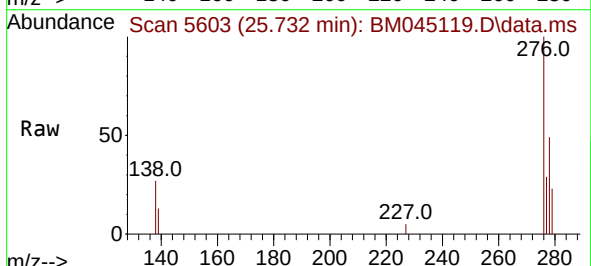
Tgt Ion:276 Resp: 6386

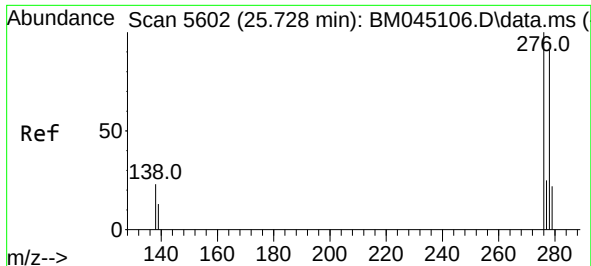
Ion Ratio Lower Upper

276 100

138 23.0 0.0 0.0#

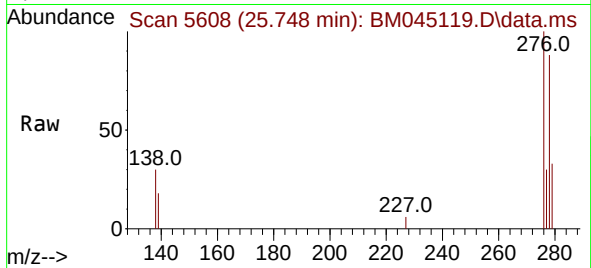
227 0.1 0.1 0.1#



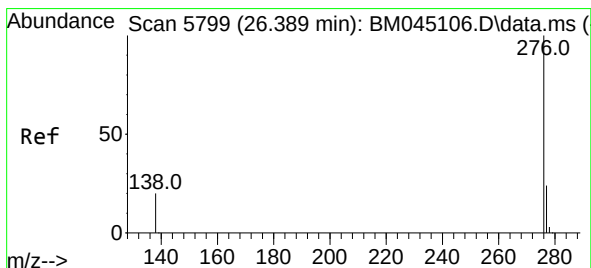
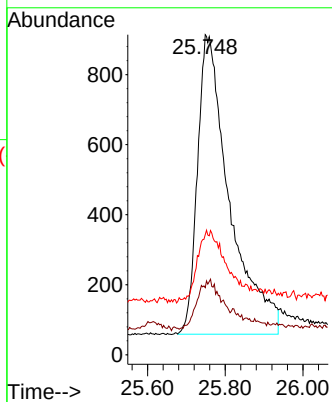
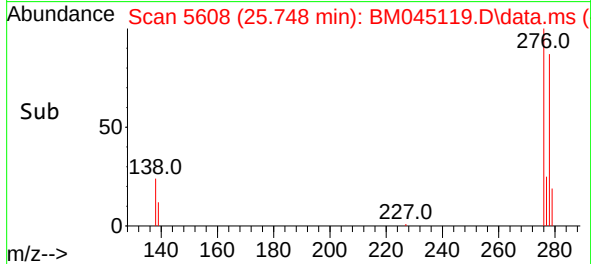


#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 25.748 min Scan# 5608
Delta R.T. -0.001 min
Lab File: BM045119.D
Acq: 11 Apr 2024 03:38

Instrument :
BNA_M
ClientSampleId :
SLCS083



Tgt Ion:278 Resp: 4889
Ion Ratio Lower Upper
278 100
139 21.0 13.6 20.4#
279 37.5 23.0 34.4#



#29
Benzo(g,h,i)perylene
Concen: 0.417 ng/ul
RT: 26.389 min Scan# 5799
Delta R.T. 0.002 min
Lab File: BM045119.D
Acq: 11 Apr 2024 03:38

Tgt Ion:276 Resp: 5942
Ion Ratio Lower Upper
276 100
138 24.6 16.8 25.2
277 26.1 20.3 30.5

