

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045503.D
 Acq On : 23 Apr 2024 05:42
 Operator : MA/JU
 Sample : PB160234BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS234

Quant Time: Apr 23 08:33:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 02:57:45 2024
 Response via : Initial Calibration

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

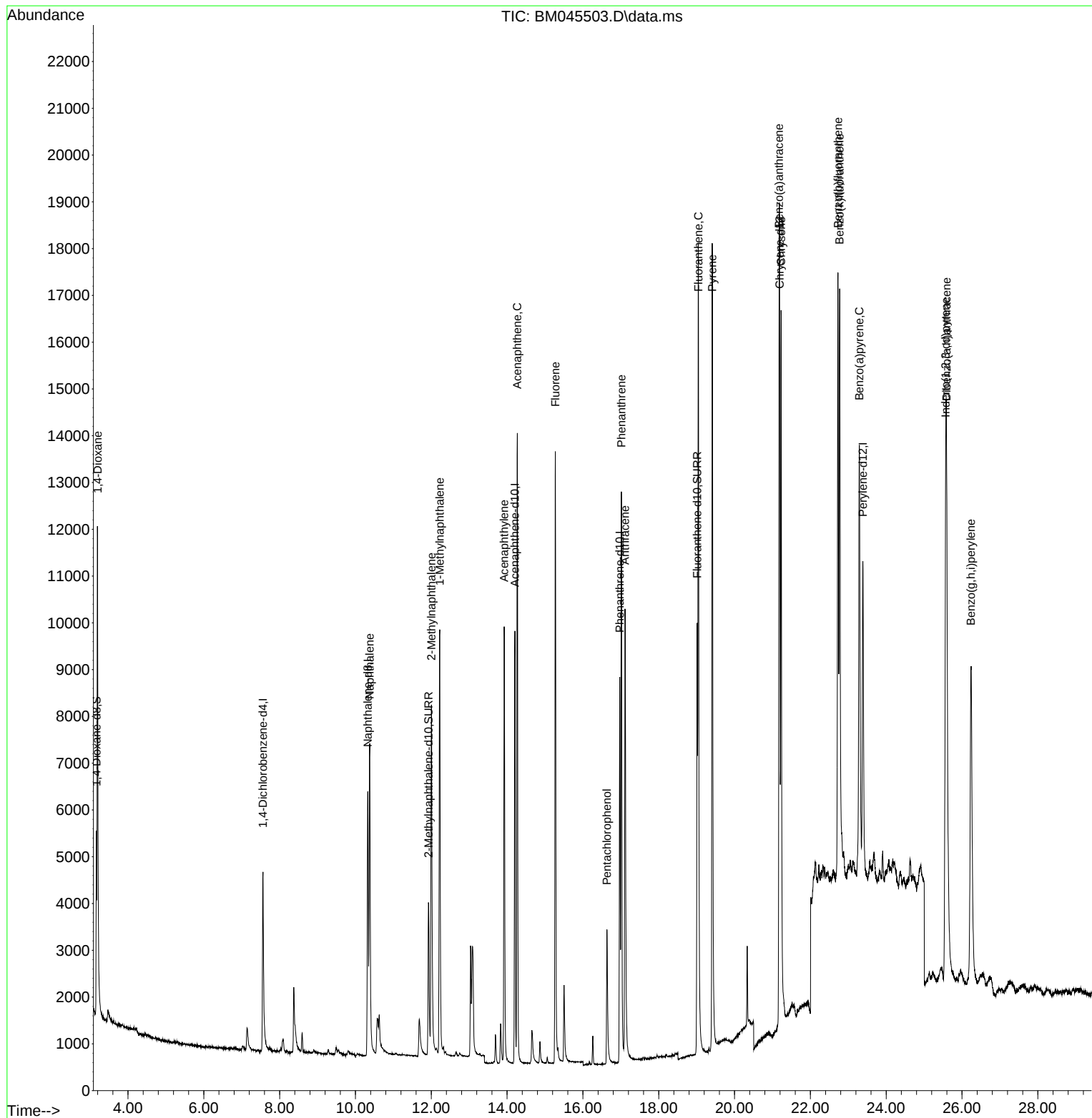
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	2803	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.325	136	9392	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.205	164	5182	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.971	188	10953	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.190	240	8621	0.400	ng/ul	-0.03
23) Perylene-d12	23.385	264	10065	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	2694	0.717	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	5578	0.450	ng/ul	-0.05
18) Fluoranthene-d10	19.015	212	12043	0.444	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.196	88	7324	2.026	ng/ul#	82
5) Naphthalene	10.375	128	11103	0.440	ng/ul#	88
7) 2-Methylnaphthalene	12.002	142	7062	0.490	ng/ul	97
8) 1-Methylnaphthalene	12.222	142	7264	0.450	ng/ul	98
10) Acenaphthylene	13.923	152	12056	0.472	ng/ul#	93
11) Acenaphthene	14.270	153	8531	0.450	ng/ul	97
12) Fluorene	15.274	166	9273	0.457	ng/ul#	97
14) Pentachlorophenol	16.634	266	2671	1.223	ng/ul	91
15) Phenanthrene	17.014	178	14273	0.447	ng/ul	93
16) Anthracene	17.111	178	14138	0.474	ng/ul#	90
19) Fluoranthene	19.042	202	17589	0.442	ng/ul#	92
20) Pyrene	19.410	202	18847	0.461	ng/ul#	93
21) Benzo(a)anthracene	21.175	228	15458	0.561	ng/ul	93
22) Chrysene	21.225	228	17008	0.401	ng/ul	99
24) Benzo(b)fluoranthene	22.727	252	16275	0.481	ng/ul#	77
25) Benzo(k)fluoranthene	22.771	252	18161	0.425	ng/ul#	77
26) Benzo(a)pyrene	23.291	252	15853	0.451	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	25.568	276	21144	0.414	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.591	278	16563	0.409	ng/ul#	83
29) Benzo(g,h,i)perylene	26.235	276	17626	0.384	ng/ul	94

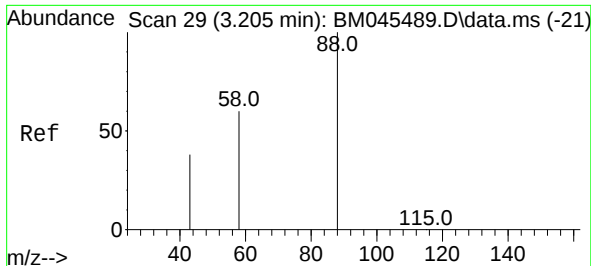
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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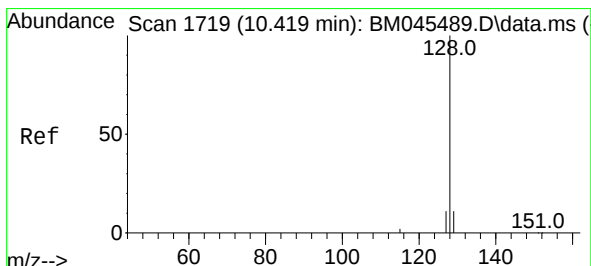
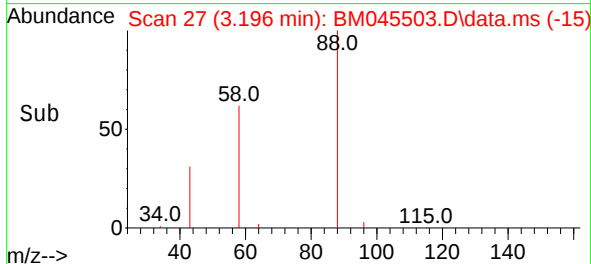
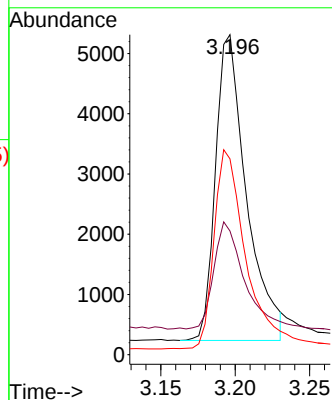
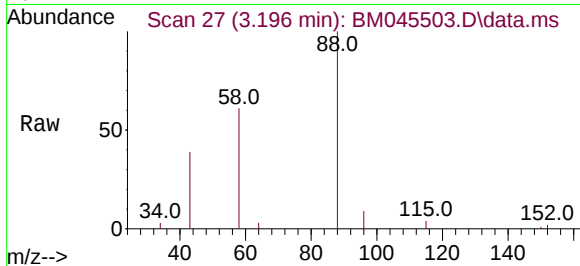




#2
1,4-Dioxane
Concen: 2.026 ng/ul
RT: 3.196 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM045503.D
Acq: 23 Apr 2024 05:42

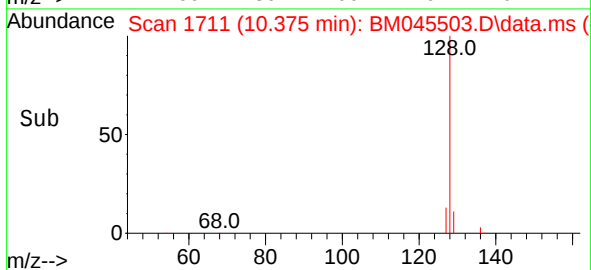
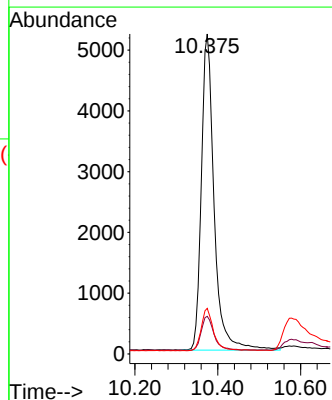
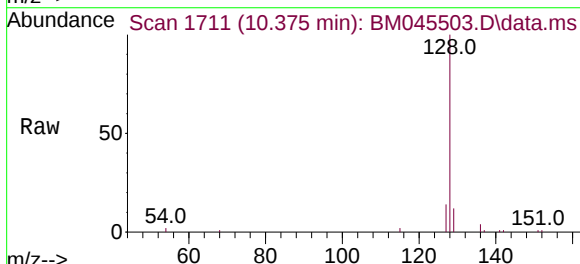
Instrument :
BNA_M
ClientSampleId :
SLCS234

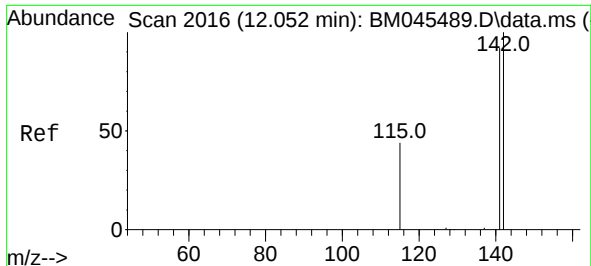
Tgt Ion: 88 Resp: 7324
Ion Ratio Lower Upper
88 100
43 38.7 36.8 55.2
58 61.2 35.4 53.2#



#5
Naphthalene
Concen: 0.440 ng/ul
RT: 10.375 min Scan# 1711
Delta R.T. -0.044 min
Lab File: BM045503.D
Acq: 23 Apr 2024 05:42

Tgt Ion: 128 Resp: 11103
Ion Ratio Lower Upper
128 100
129 11.8 14.0 21.0#
127 14.2 15.4 23.2#

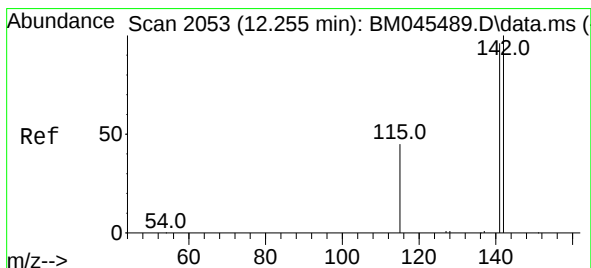
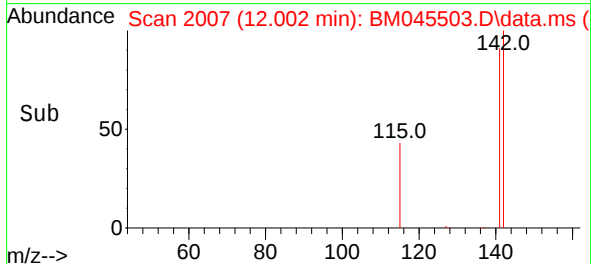
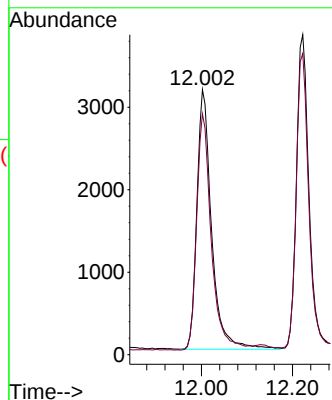
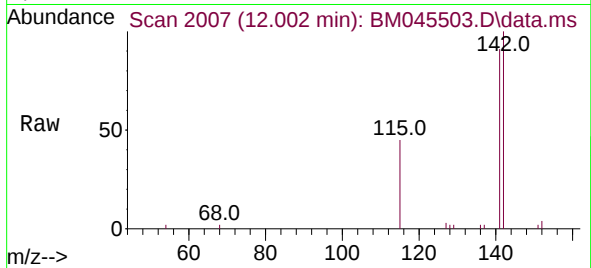




#7
2-Methylnaphthalene
Concen: 0.490 ng/ul
RT: 12.002 min Scan# 2016
Delta R.T. -0.049 min
Lab File: BM045503.D
Acq: 23 Apr 2024 05:42

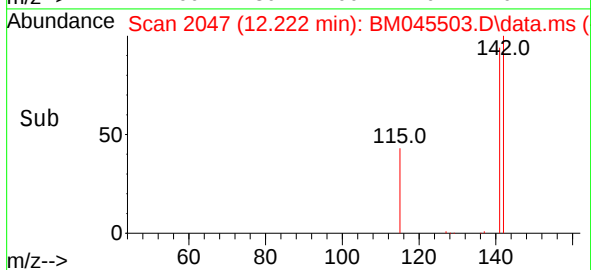
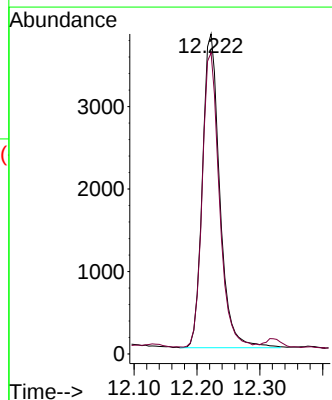
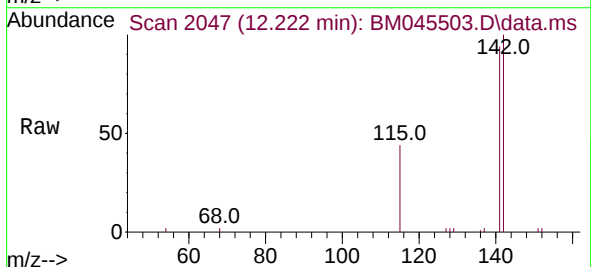
Instrument :
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ClientSampleId :
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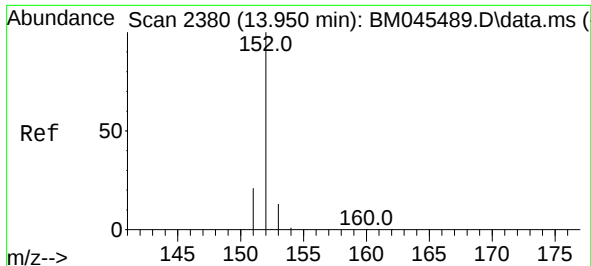
Tgt Ion:142 Resp: 7062
Ion Ratio Lower Upper
142 100
141 90.4 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.450 ng/ul
RT: 12.222 min Scan# 2047
Delta R.T. -0.033 min
Lab File: BM045503.D
Acq: 23 Apr 2024 05:42

Tgt Ion:142 Resp: 7264
Ion Ratio Lower Upper
142 100
141 92.9 76.1 114.1

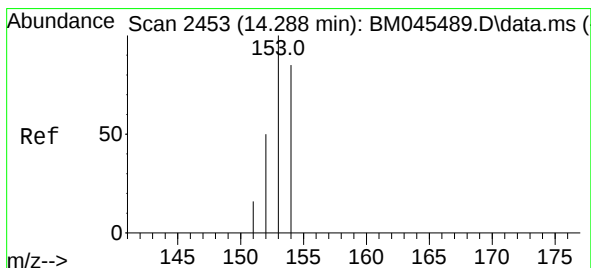
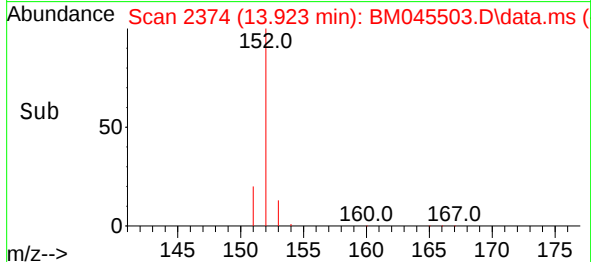
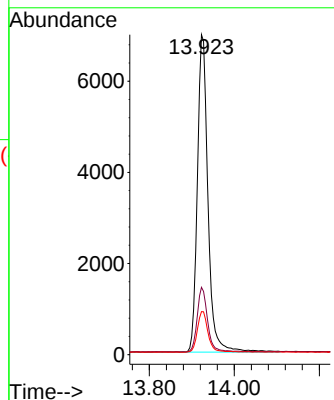
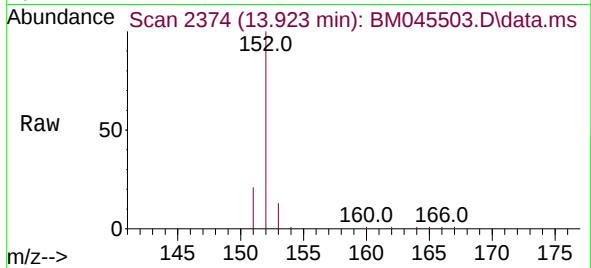




#10
Acenaphthylene
Concen: 0.472 ng/ul
RT: 13.923 min Scan# 2449
Delta R.T. -0.028 min
Lab File: BM045503.D
Acq: 23 Apr 2024 05:42

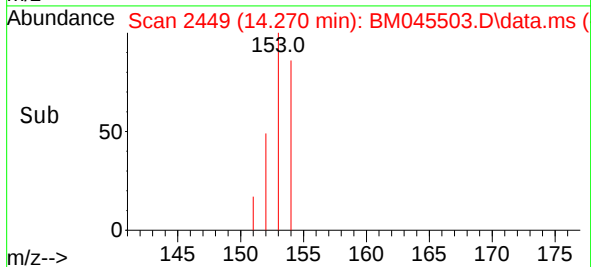
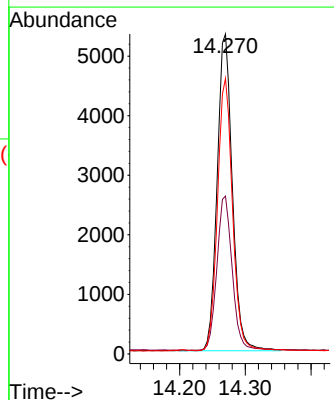
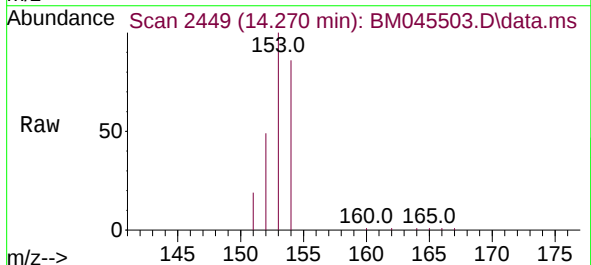
Instrument :
BNA_M
ClientSampleId :
SLCS234

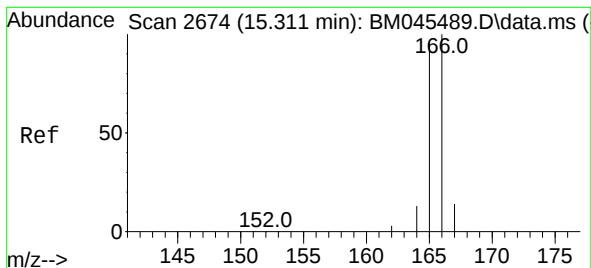
Tgt Ion:152 Resp: 12056
Ion Ratio Lower Upper
152 100
151 21.0 18.6 28.0
153 13.5 14.1 21.1#



#11
Acenaphthene
Concen: 0.450 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. -0.018 min
Lab File: BM045503.D
Acq: 23 Apr 2024 05:42

Tgt Ion:153 Resp: 8531
Ion Ratio Lower Upper
153 100
152 49.4 43.4 65.2
154 86.1 69.0 103.6





#12

Fluorene

Concen: 0.457 ng/ul

RT: 15.274 min Scan# 2

Delta R.T. -0.037 min

Lab File: BM045503.D

Acq: 23 Apr 2024 05:42

Instrument :

BNA_M

ClientSampleId :

SLCS234

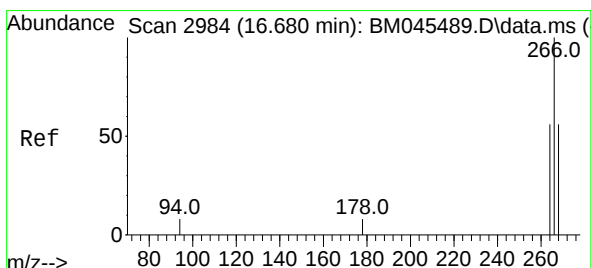
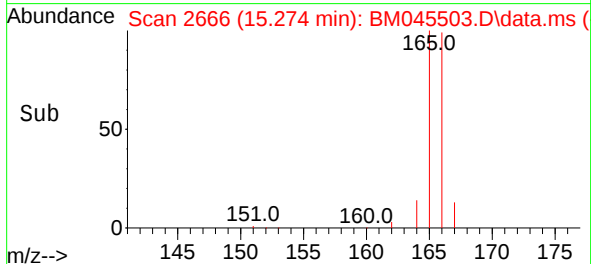
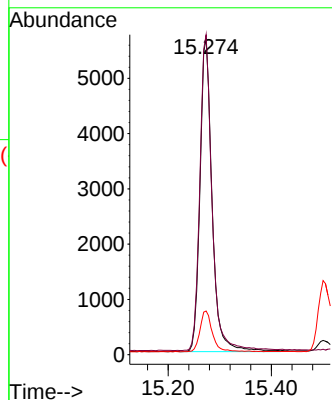
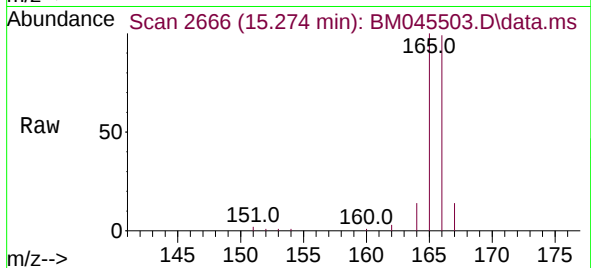
Tgt Ion:166 Resp: 9273

Ion Ratio Lower Upper

166 100

165 101.2 82.2 123.2

167 13.8 14.8 22.2#



#14

Pentachlorophenol

Concen: 1.223 ng/ul

RT: 16.634 min Scan# 2973

Delta R.T. -0.046 min

Lab File: BM045503.D

Acq: 23 Apr 2024 05:42

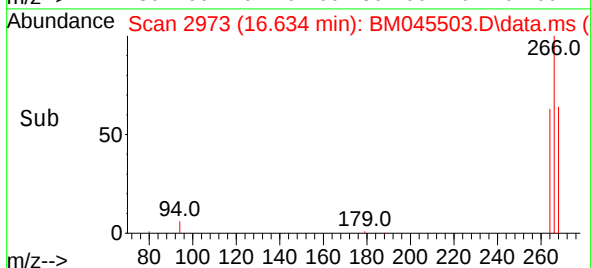
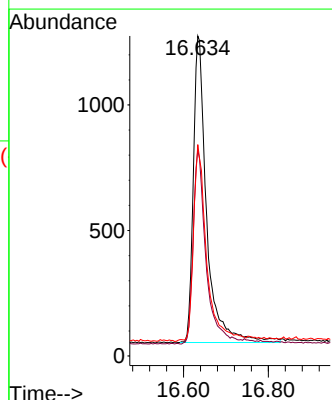
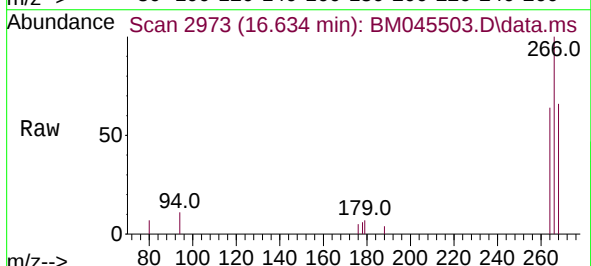
Tgt Ion:266 Resp: 2671

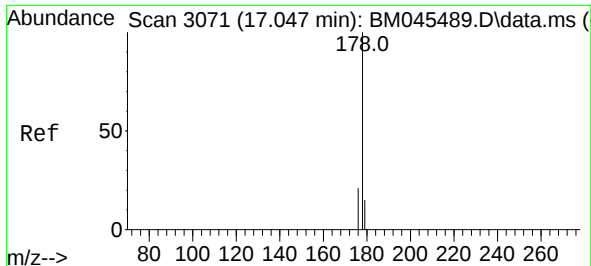
Ion Ratio Lower Upper

266 100

264 63.4 45.5 68.3

268 63.2 56.1 84.1

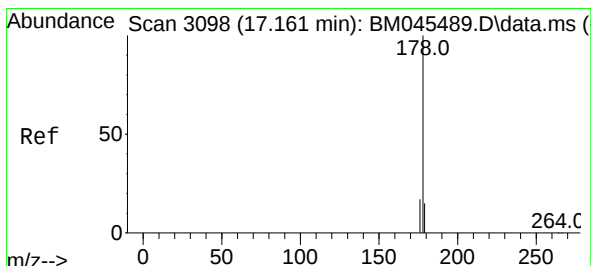
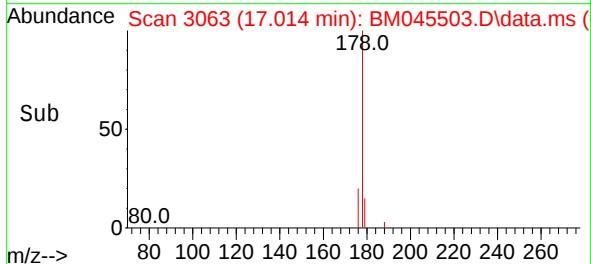
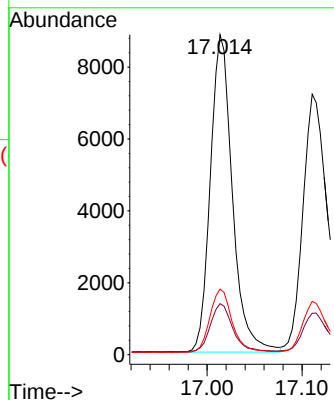
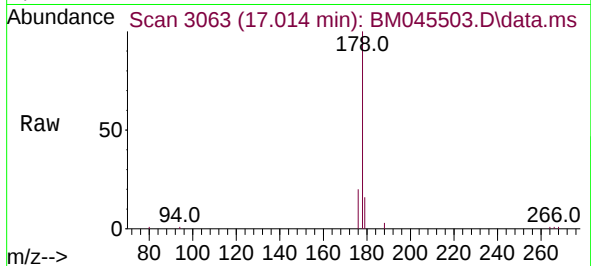




#15
Phenanthrene
Concen: 0.447 ng/ul
RT: 17.014 min Scan# 3063
Delta R.T. -0.034 min
Lab File: BM045503.D
Acq: 23 Apr 2024 05:42

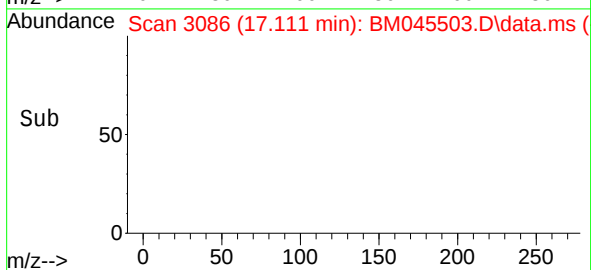
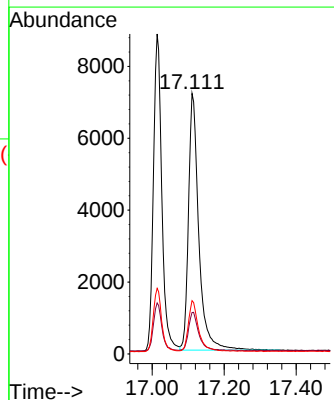
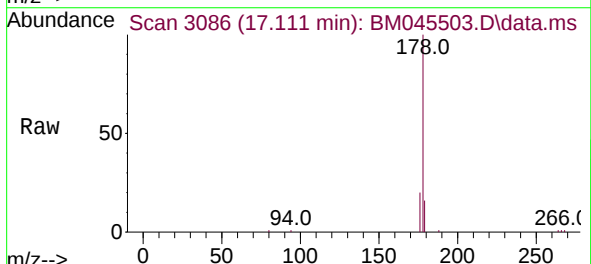
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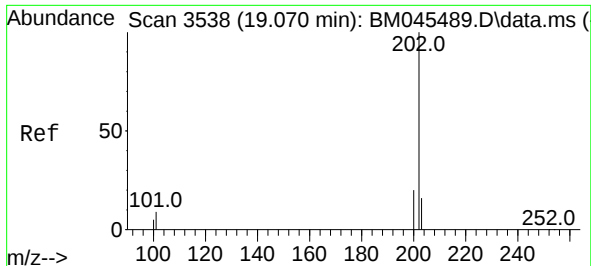
Tgt Ion:178 Resp: 14273
Ion Ratio Lower Upper
178 100
179 15.9 15.4 23.2
176 20.5 19.0 28.4



#16
Anthracene
Concen: 0.474 ng/ul
RT: 17.111 min Scan# 3086
Delta R.T. -0.051 min
Lab File: BM045503.D
Acq: 23 Apr 2024 05:42

Tgt Ion:178 Resp: 14138
Ion Ratio Lower Upper
178 100
179 15.9 17.8 26.6#
176 20.4 18.7 28.1

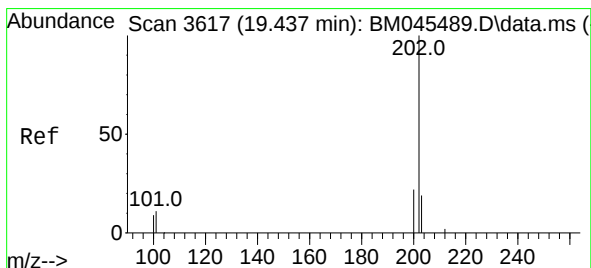
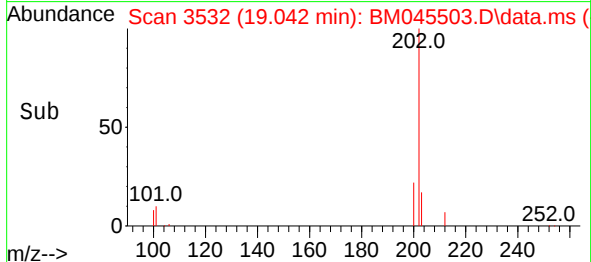
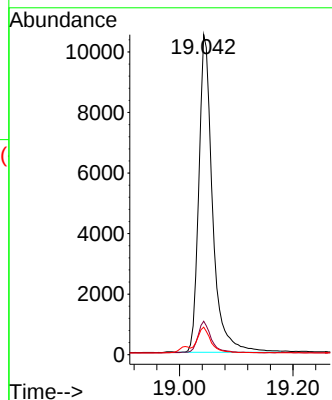
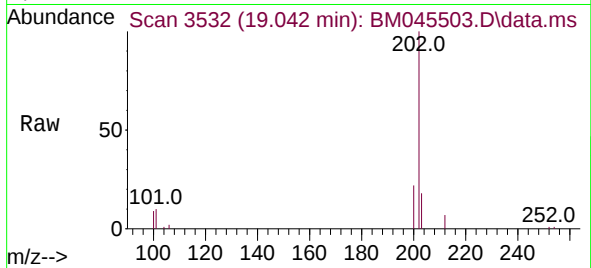




#19
Fluoranthene
Concen: 0.442 ng/ul
RT: 19.042 min Scan# 3532
Delta R.T. -0.028 min
Lab File: BM045503.D
Acq: 23 Apr 2024 05:42

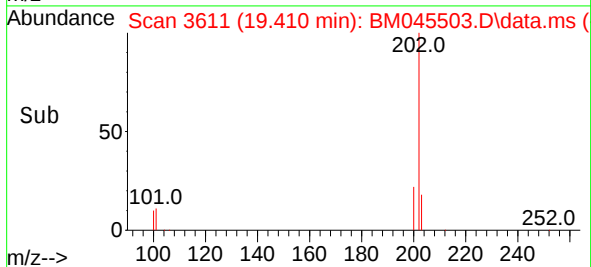
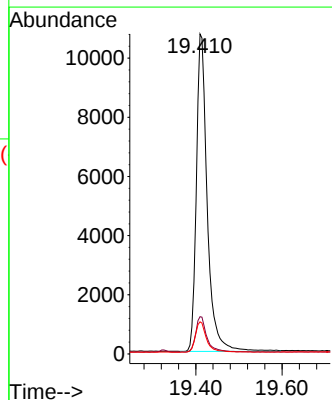
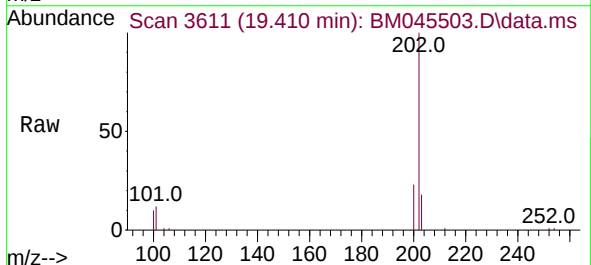
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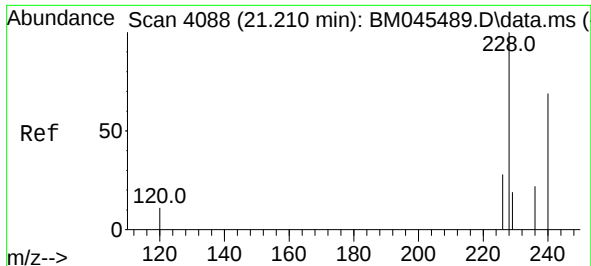
Tgt Ion:202 Resp: 17589
Ion Ratio Lower Upper
202 100
101 10.4 11.2 16.8#
100 8.6 9.1 13.7#



#20
Pyrene
Concen: 0.461 ng/ul
RT: 19.410 min Scan# 3611
Delta R.T. -0.028 min
Lab File: BM045503.D
Acq: 23 Apr 2024 05:42

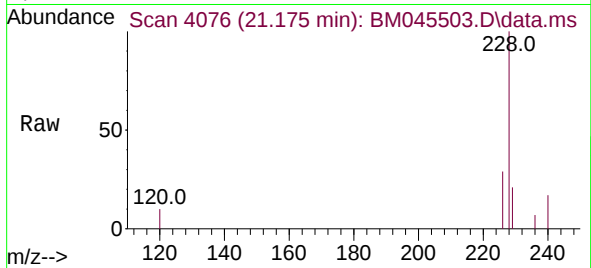
Tgt Ion:202 Resp: 18847
Ion Ratio Lower Upper
202 100
101 11.6 11.5 17.3
100 10.0 10.6 15.8#



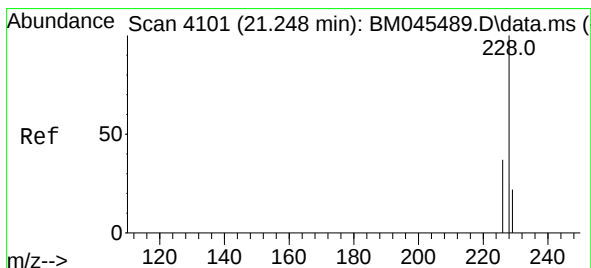
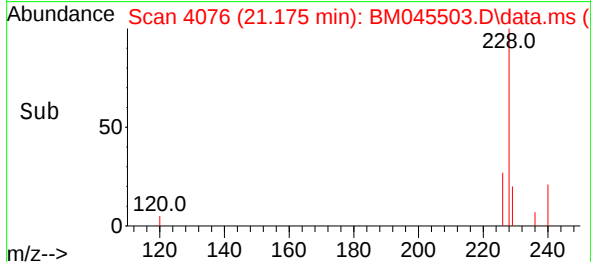
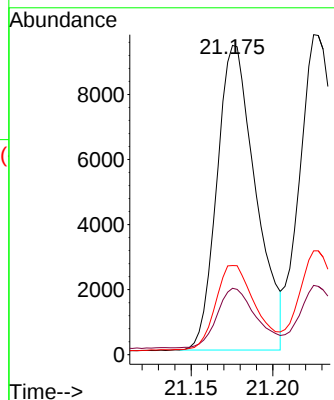


#21
Benzo(a)anthracene
Concen: 0.561 ng/ul
RT: 21.175 min Scan# 4076
Delta R.T. -0.035 min
Lab File: BM045503.D
Acq: 23 Apr 2024 05:42

Instrument :
BNA_M
ClientSampleId :
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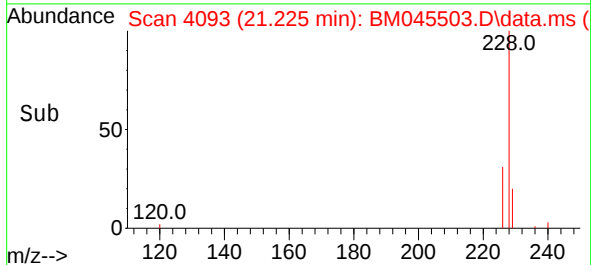
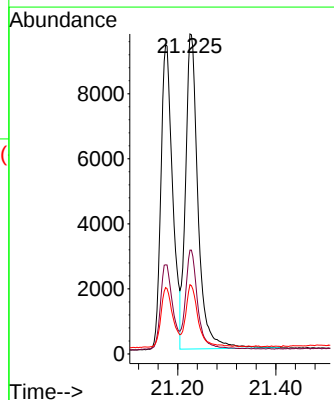
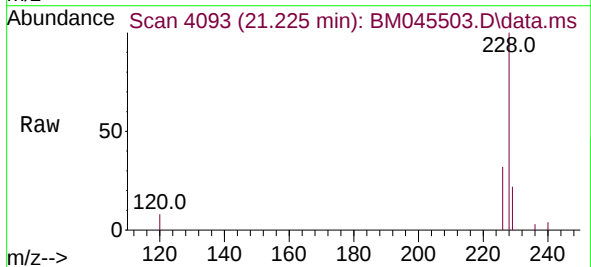


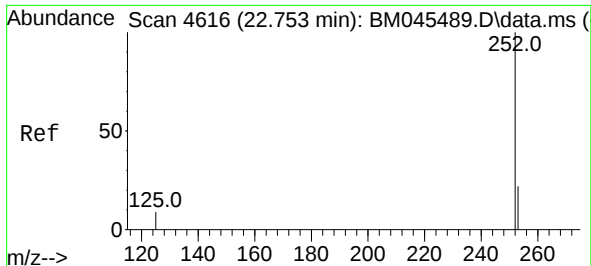
Tgt Ion:228 Resp: 15458
Ion Ratio Lower Upper
228 100
229 21.5 19.4 29.2
226 28.8 26.3 39.5



#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.225 min Scan# 4093
Delta R.T. -0.023 min
Lab File: BM045503.D
Acq: 23 Apr 2024 05:42

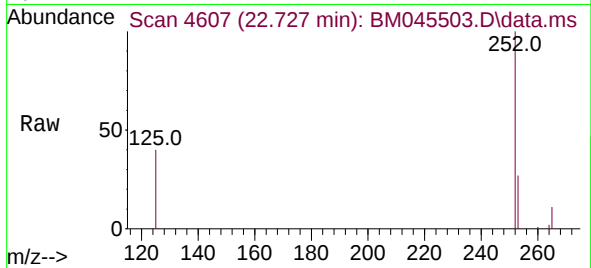
Tgt Ion:228 Resp: 17008
Ion Ratio Lower Upper
228 100
226 32.4 26.3 39.5
229 21.7 17.8 26.8



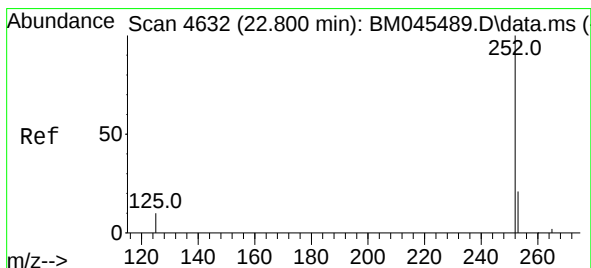
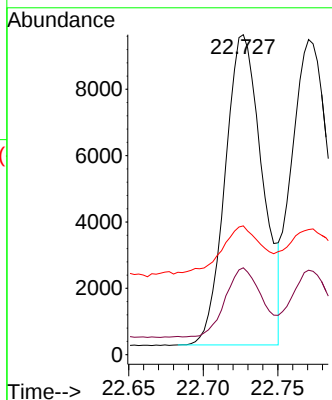


#24
Benzo(b)fluoranthene
Concen: 0.481 ng/ul
RT: 22.727 min Scan# 4607
Delta R.T. -0.026 min
Lab File: BM045503.D
Acq: 23 Apr 2024 05:42

Instrument :
BNA_M
ClientSampleId :
SLCS234

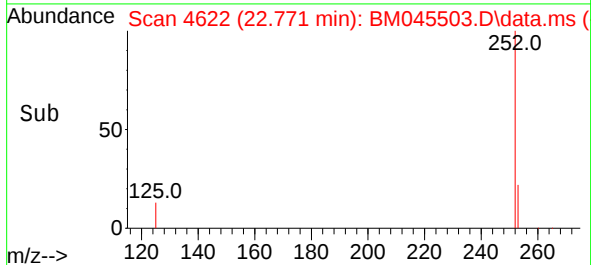
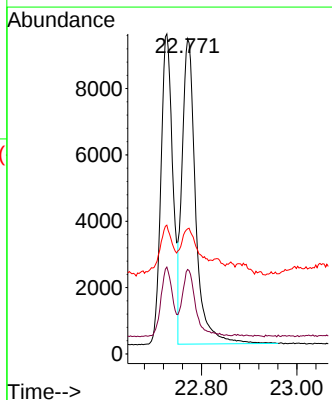
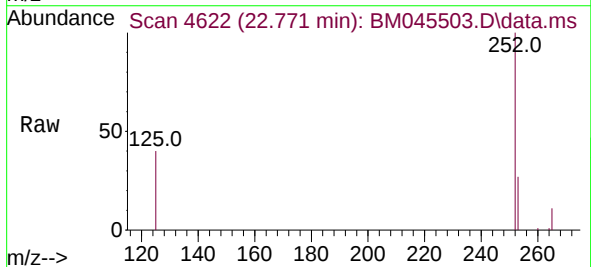


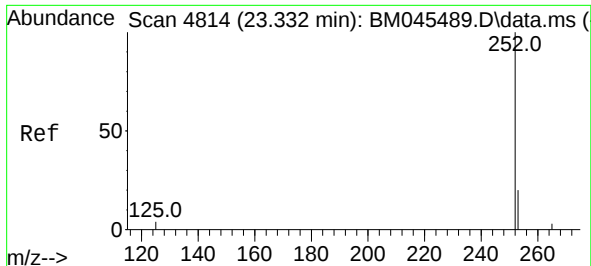
Tgt Ion:252 Resp: 16275
Ion Ratio Lower Upper
252 100
253 27.1 0.0 63.4
125 40.2 0.0 36.8#



#25
Benzo(k)fluoranthene
Concen: 0.425 ng/ul
RT: 22.771 min Scan# 4622
Delta R.T. -0.029 min
Lab File: BM045503.D
Acq: 23 Apr 2024 05:42

Tgt Ion:252 Resp: 18161
Ion Ratio Lower Upper
252 100
253 26.8 25.4 38.0
125 39.7 14.8 22.2#

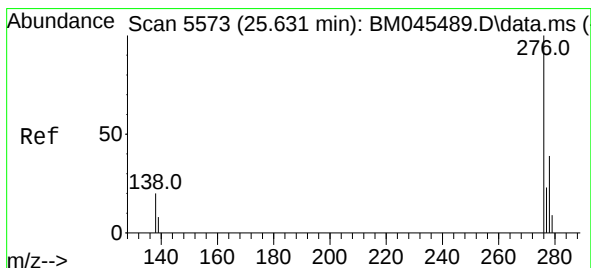
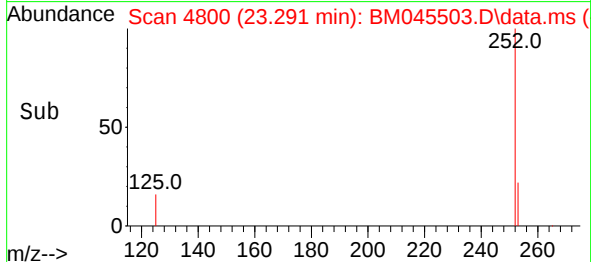
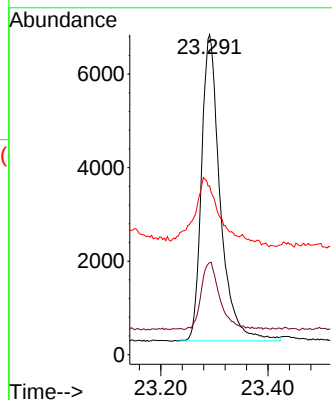
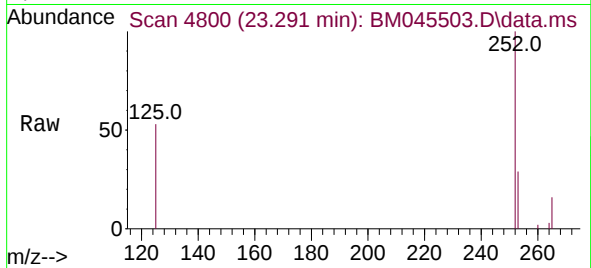




#26
Benzo(a)pyrene
Concen: 0.451 ng/ul
RT: 23.291 min Scan# 4814
Delta R.T. -0.041 min
Lab File: BM045503.D
Acq: 23 Apr 2024 05:42

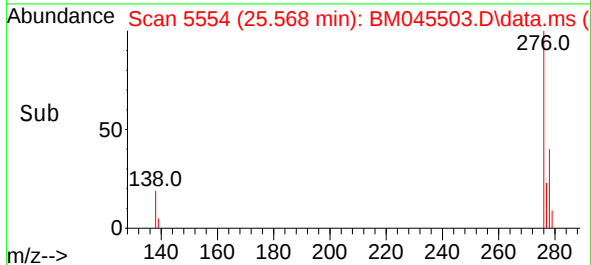
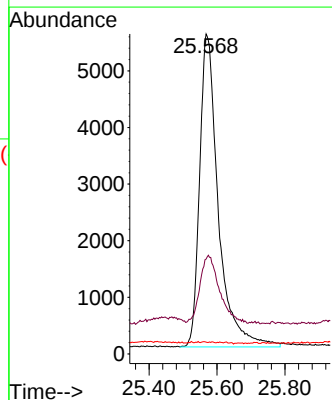
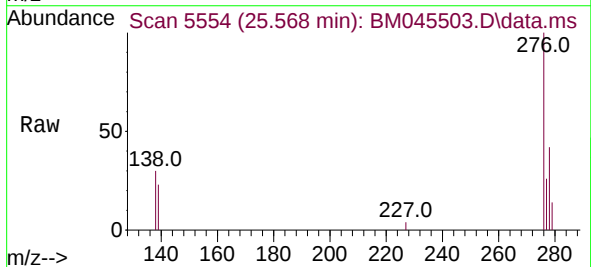
Instrument :
BNA_M
ClientSampleId :
SLCS234

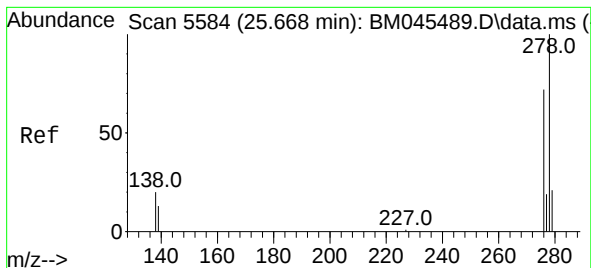
Tgt Ion:252 Resp: 15853
Ion Ratio Lower Upper
252 100
253 28.7 31.6 47.4#
125 52.8 19.5 29.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 25.568 min Scan# 5554
Delta R.T. -0.064 min
Lab File: BM045503.D
Acq: 23 Apr 2024 05:42

Tgt Ion:276 Resp: 21144
Ion Ratio Lower Upper
276 100
138 22.6 19.8 29.6
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.409 ng/ul

RT: 25.591 min Scan# 51

Delta R.T. -0.077 min

Lab File: BM045503.D

Acq: 23 Apr 2024 05:42

Instrument :

BNA_M

ClientSampleId :

SLCS234

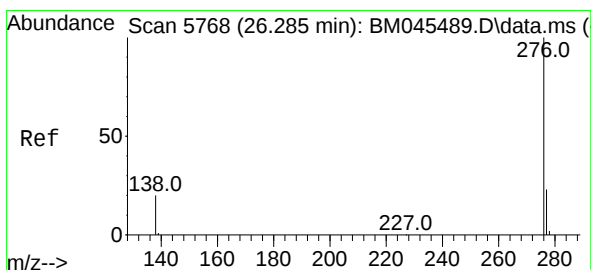
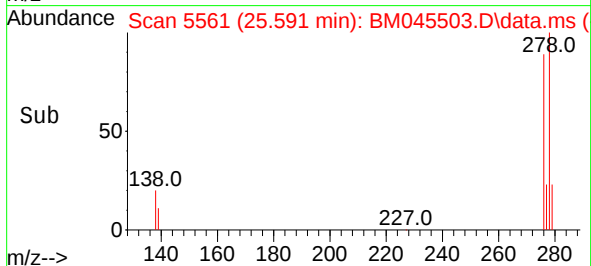
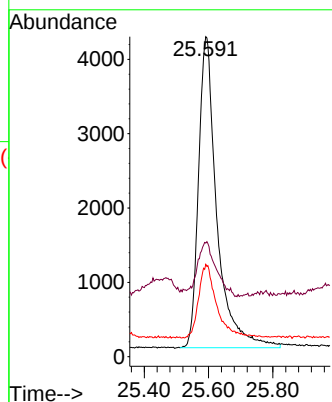
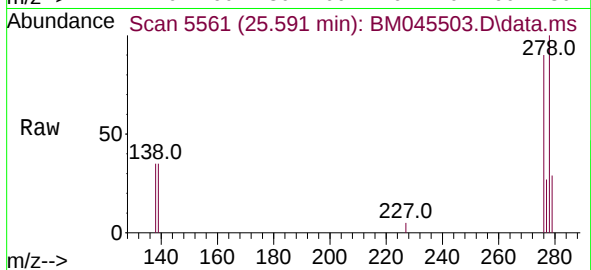
Tgt Ion:278 Resp: 16563

Ion Ratio Lower Upper

278 100

139 35.5 19.0 28.6#

279 28.9 29.4 44.2#



#29

Benzo(g,h,i)perylene

Concen: 0.384 ng/ul

RT: 26.235 min Scan# 5753

Delta R.T. -0.050 min

Lab File: BM045503.D

Acq: 23 Apr 2024 05:42

Tgt Ion:276 Resp: 17626

Ion Ratio Lower Upper

276 100

138 30.8 20.8 31.2

277 25.8 21.8 32.8

