

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045502.D
 Acq On : 23 Apr 2024 05:06
 Operator : MA/JU
 Sample : PB160252BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS252

Quant Time: Apr 23 08:33:34 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)

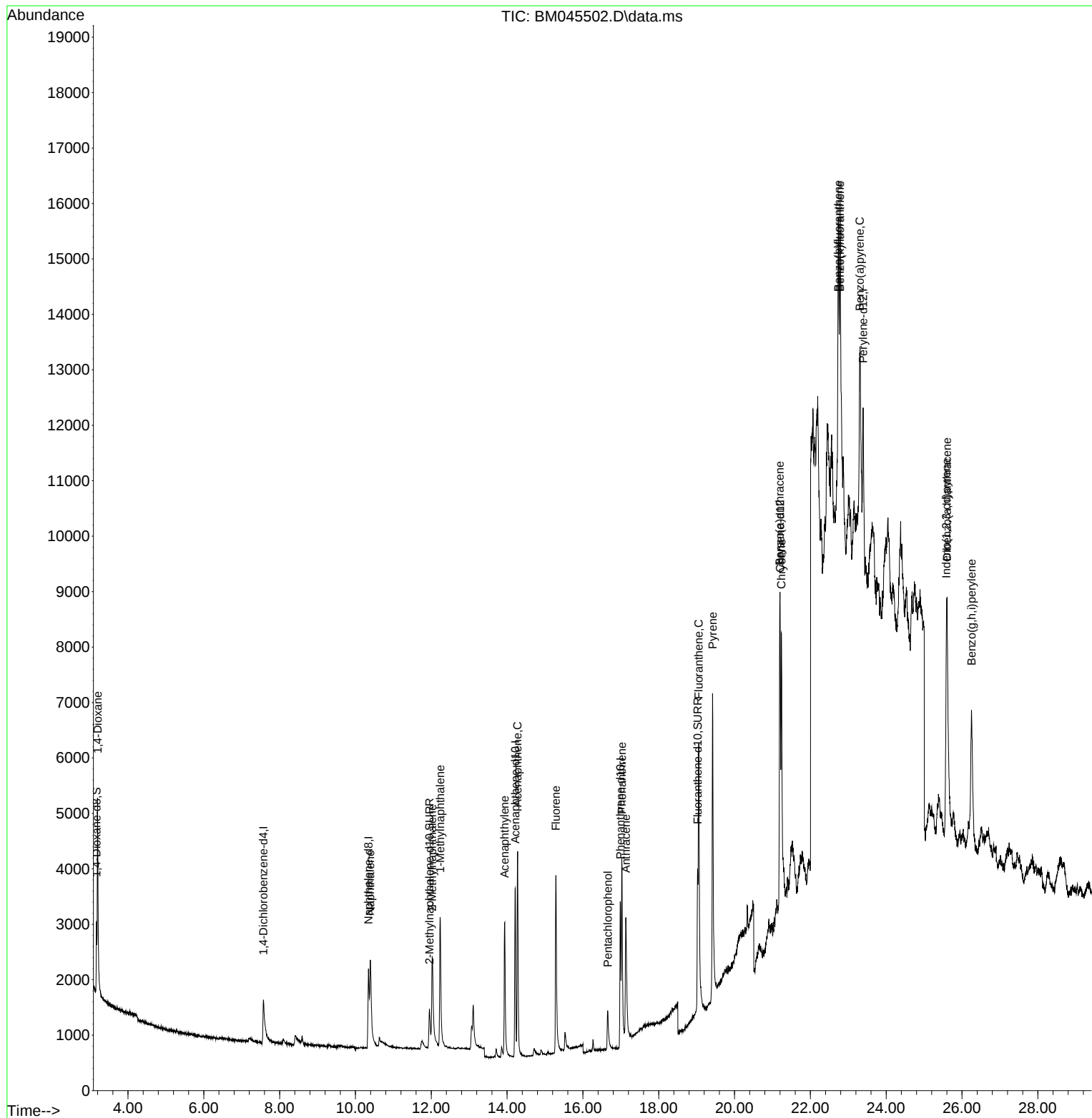
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.572	152	1012	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.342	136	3552	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.214	164	2079	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	4438	0.400	ng/ul	-0.02
17) Chrysene-d12	21.202	240	3434	0.400	ng/ul	#-0.01
23) Perylene-d12	23.391	264	3943	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	937	0.691	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	1747	0.373	ng/ul	-0.03
18) Fluoranthene-d10	19.024	212	4019	0.372	ng/ul	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.197	88	2465	1.889	ng/ul#	78
5) Naphthalene	10.391	128	3415	0.358	ng/ul	97
7) 2-Methylnaphthalene	12.024	142	2097	0.385	ng/ul	96
8) 1-Methylnaphthalene	12.233	142	2261	0.370	ng/ul	99
10) Acenaphthylene	13.937	152	3880	0.378	ng/ul	96
11) Acenaphthene	14.274	153	2740	0.360	ng/ul	97
12) Fluorene	15.288	166	3042	0.374	ng/ul	99
14) Pentachlorophenol	16.655	266	813	0.919	ng/ul	93
15) Phenanthrene	17.026	178	4657	0.360	ng/ul	98
16) Anthracene	17.132	178	4665	0.386	ng/ul	100
19) Fluoranthene	19.057	202	5933	0.374	ng/ul	96
20) Pyrene	19.419	202	6448	0.396	ng/ul	97
21) Benzo(a)anthracene	21.190	228	4601	0.419	ng/ul#	85
22) Chrysene	21.237	228	5795	0.343	ng/ul#	83
24) Benzo(b)fluoranthene	22.736	252	5154	0.389	ng/ul#	1
25) Benzo(k)fluoranthene	22.783	252	6046	0.361	ng/ul#	1
26) Benzo(a)pyrene	23.303	252	5074	0.369	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.588	276	7090	0.355	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.605	278	5653	0.357	ng/ul#	1
29) Benzo(g,h,i)perylene	26.249	276	5843	0.325	ng/ul#	33

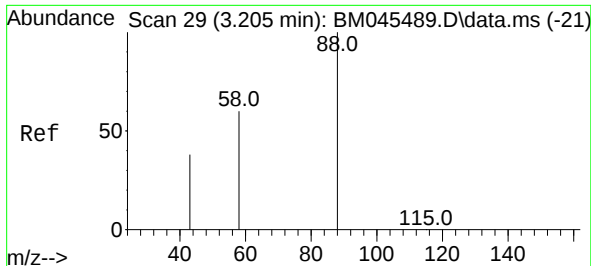
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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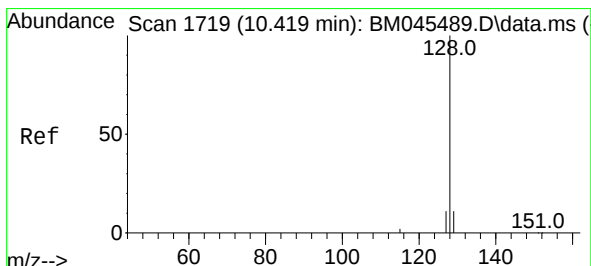
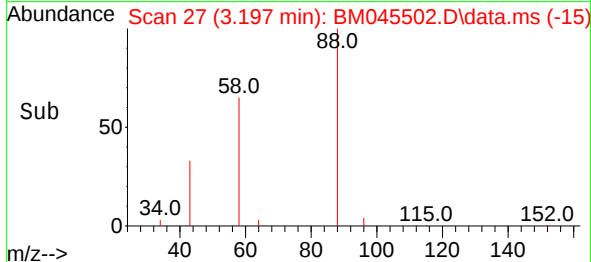
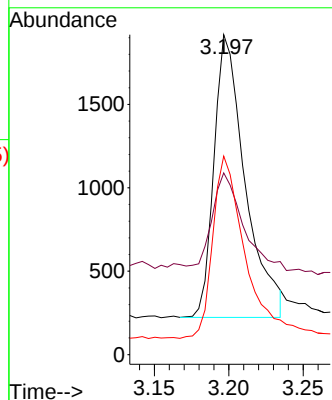
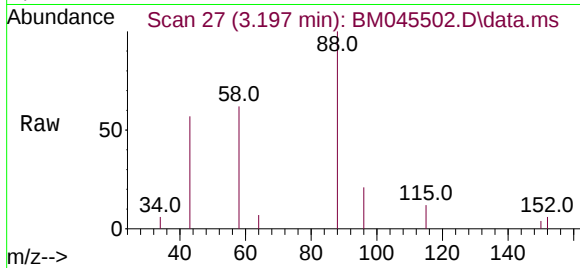




#2
1,4-Dioxane
Concen: 1.889 ng/ul
RT: 3.197 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

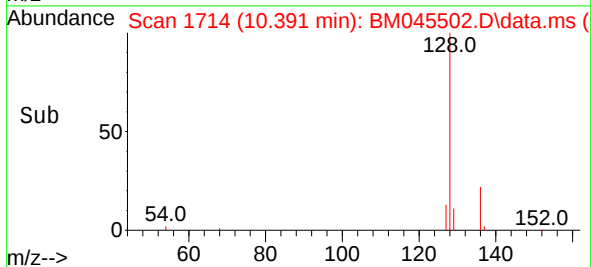
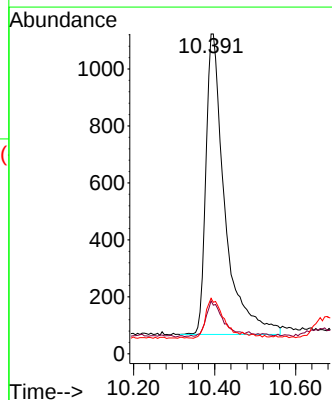
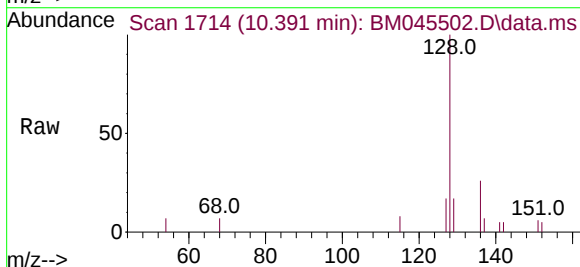
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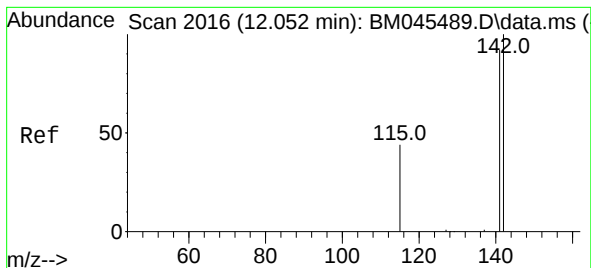
Tgt Ion: 88 Resp: 2465
Ion Ratio Lower Upper
88 100
43 56.8 36.8 55.2#
58 62.0 35.4 53.2#



#5
Naphthalene
Concen: 0.358 ng/ul
RT: 10.391 min Scan# 1714
Delta R.T. -0.027 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

Tgt Ion: 128 Resp: 3415
Ion Ratio Lower Upper
128 100
129 16.6 14.0 21.0
127 17.4 15.4 23.2

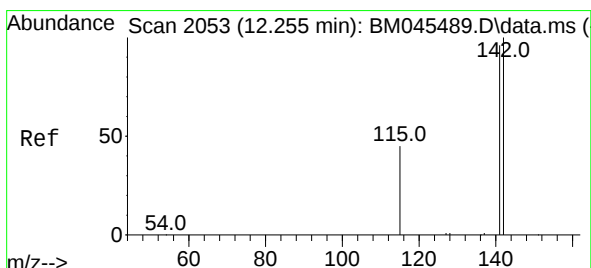
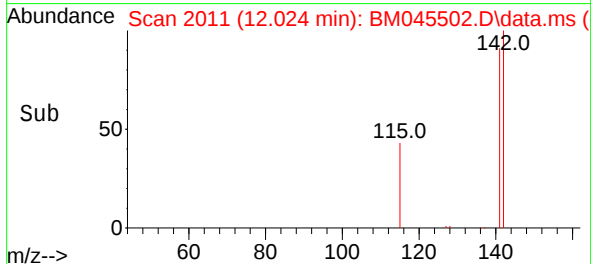
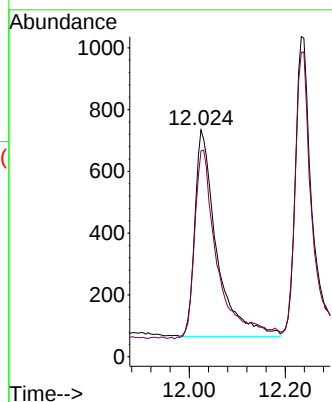
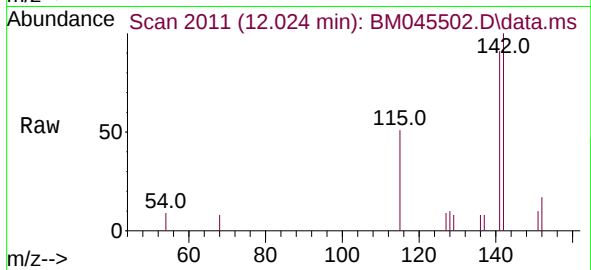




#7
2-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.024 min Scan# 2011
Delta R.T. -0.027 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

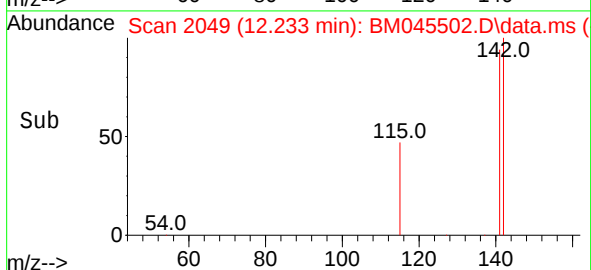
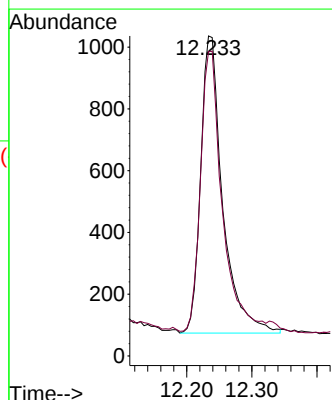
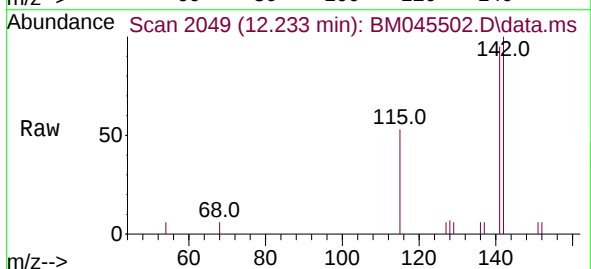
Instrument :
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ClientSampleId :
SLCS252

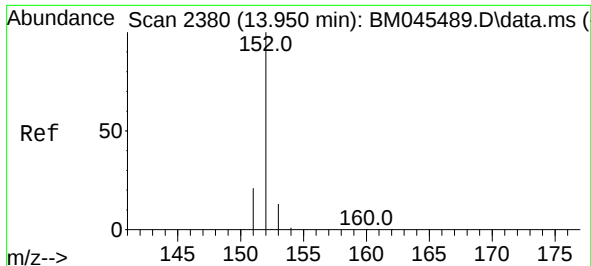
Tgt Ion:142 Resp: 2097
Ion Ratio Lower Upper
142 100
141 97.0 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.233 min Scan# 2049
Delta R.T. -0.022 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

Tgt Ion:142 Resp: 2261
Ion Ratio Lower Upper
142 100
141 94.5 76.1 114.1

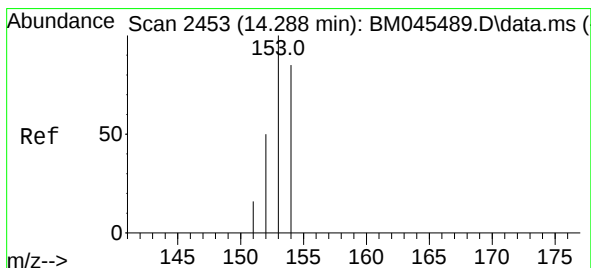
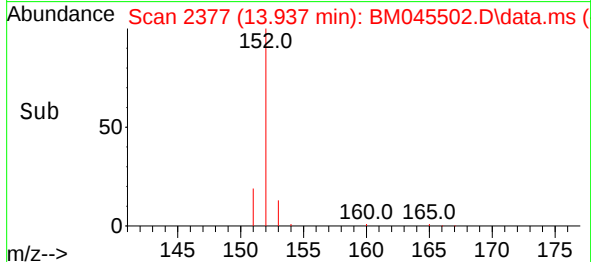
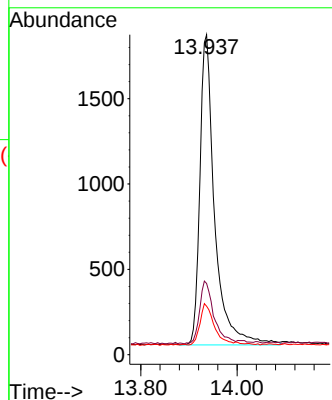
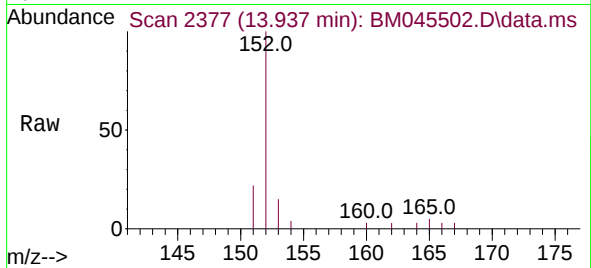




#10
Acenaphthylene
Concen: 0.378 ng/ul
RT: 13.937 min Scan# 2400
Delta R.T. -0.014 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

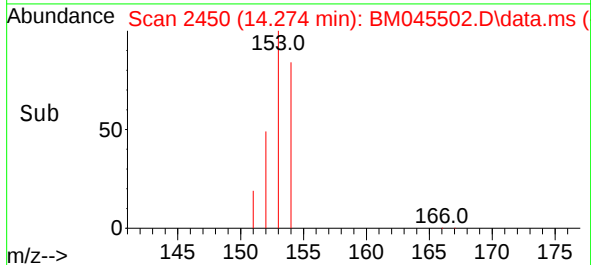
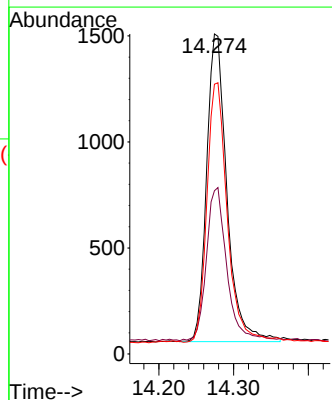
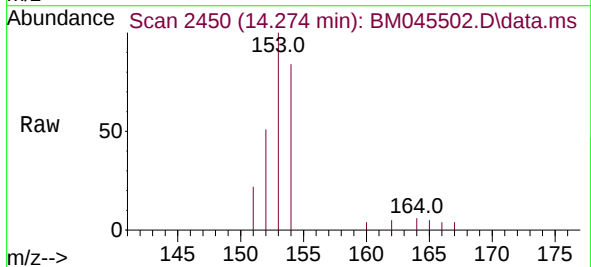
Instrument :
BNA_M
ClientSampleId :
SLCS252

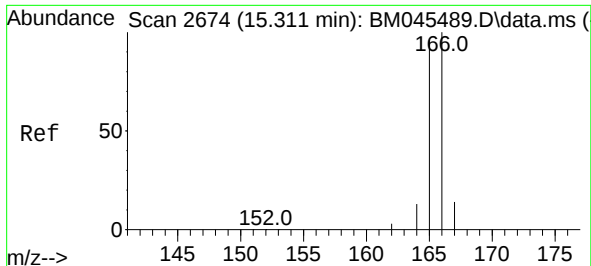
Tgt Ion:152 Resp: 3880
Ion Ratio Lower Upper
152 100
151 22.2 18.6 28.0
153 15.1 14.1 21.1



#11
Acenaphthene
Concen: 0.360 ng/ul
RT: 14.274 min Scan# 2450
Delta R.T. -0.014 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

Tgt Ion:153 Resp: 2740
Ion Ratio Lower Upper
153 100
152 51.0 43.4 65.2
154 84.3 69.0 103.6

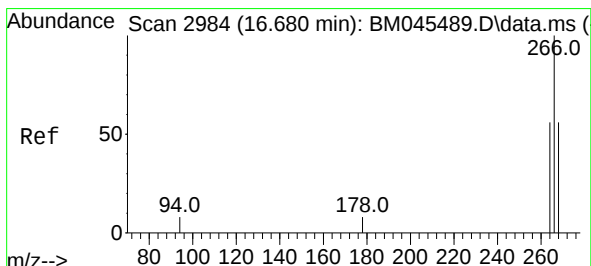
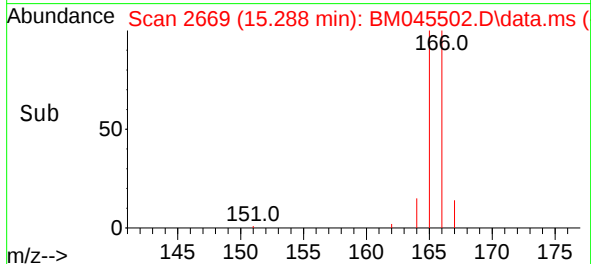
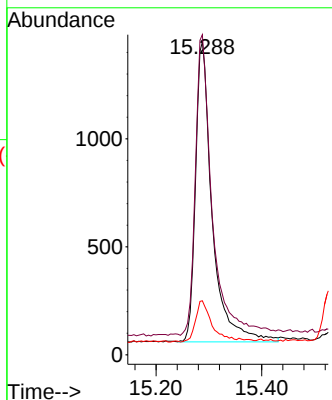
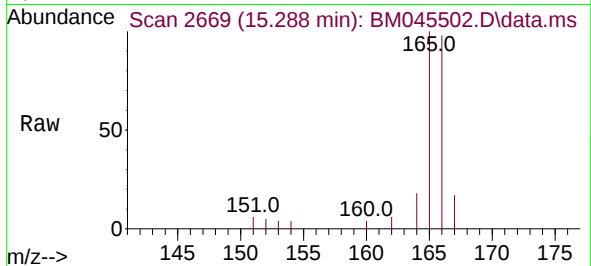




#12
Fluorene
Concen: 0.374 ng/ul
RT: 15.288 min Scan# 20
Delta R.T. -0.023 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

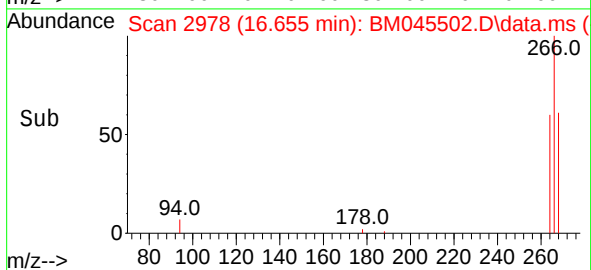
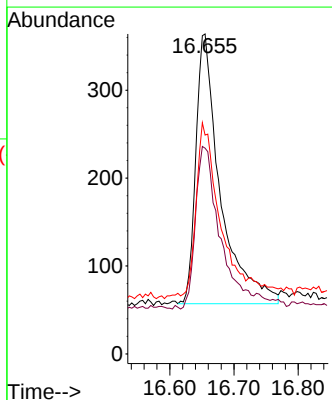
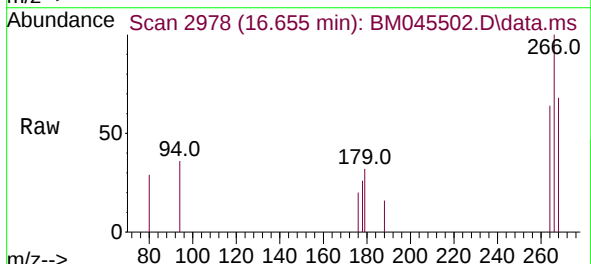
Instrument :
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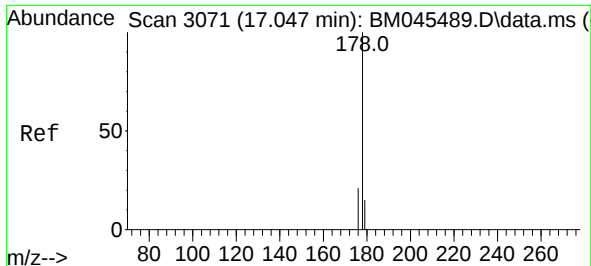
Tgt Ion:166 Resp: 3042
Ion Ratio Lower Upper
166 100
165 102.3 82.2 123.2
167 17.3 14.8 22.2



#14
Pentachlorophenol
Concen: 0.919 ng/ul
RT: 16.655 min Scan# 2978
Delta R.T. -0.025 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

Tgt Ion:266 Resp: 813
Ion Ratio Lower Upper
266 100
264 64.5 45.5 68.3
268 66.5 56.1 84.1

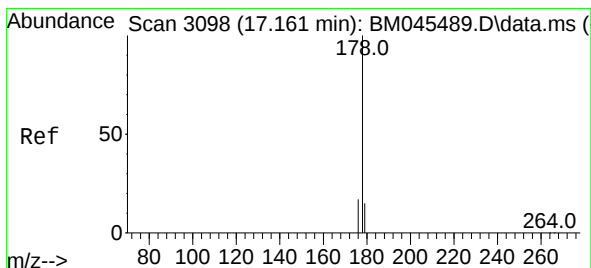
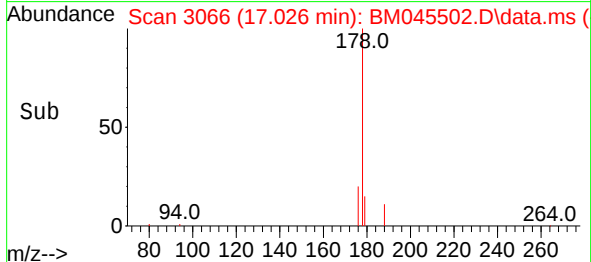
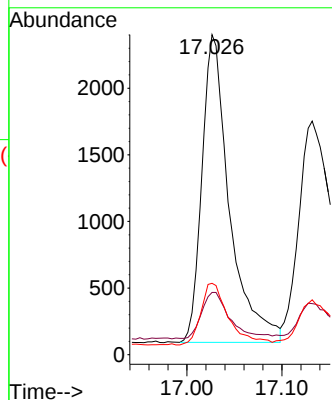
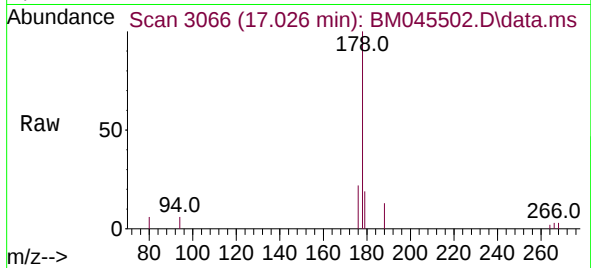




#15
Phenanthrene
Concen: 0.360 ng/ul
RT: 17.026 min Scan# 3066
Delta R.T. -0.021 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

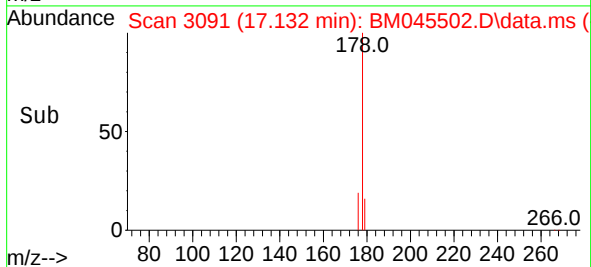
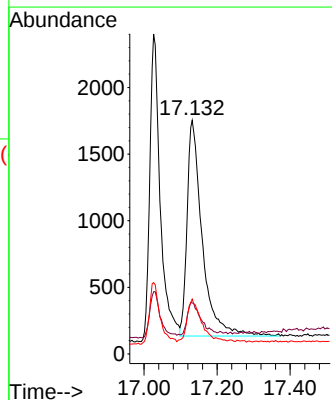
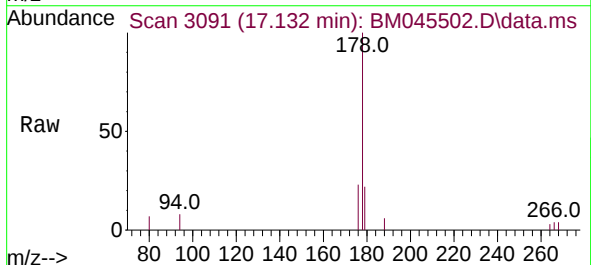
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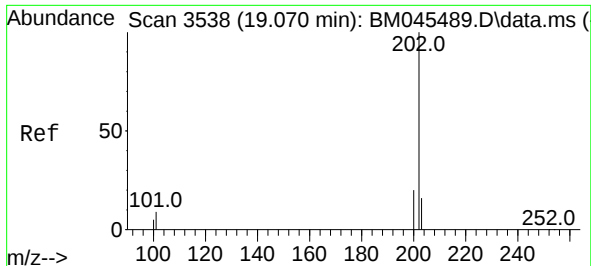
Tgt Ion:178 Resp: 4657
Ion Ratio Lower Upper
178 100
179 19.4 15.4 23.2
176 22.3 19.0 28.4



#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.132 min Scan# 3091
Delta R.T. -0.029 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

Tgt Ion:178 Resp: 4665
Ion Ratio Lower Upper
178 100
179 21.8 17.8 26.6
176 23.5 18.7 28.1





#19

Fluoranthene

Concen: 0.374 ng/ul

RT: 19.057 min Scan# 3538

Delta R.T. -0.013 min

Lab File: BM045502.D

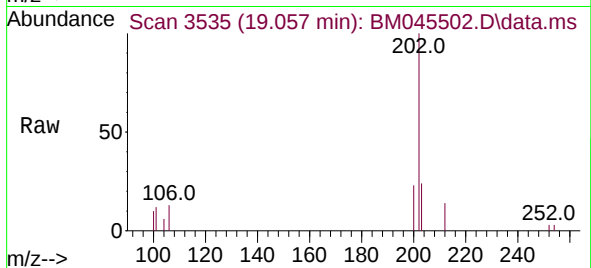
Acq: 23 Apr 2024 05:06

Instrument :

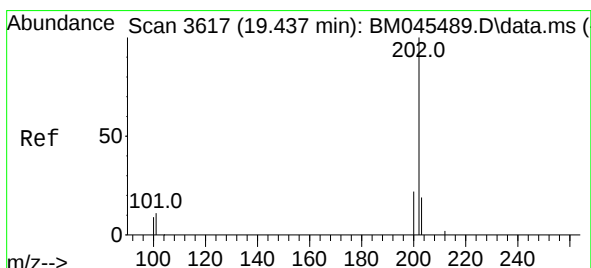
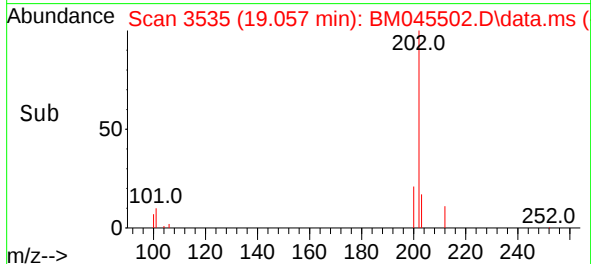
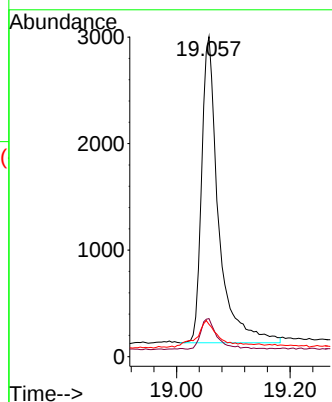
BNA_M

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Tgt Ion:	202	Resp:	5933
Ion	Ratio	Lower	Upper
202	100		
101	11.9	11.2	16.8
100	10.1	9.1	13.7



#20

Pyrene

Concen: 0.396 ng/ul

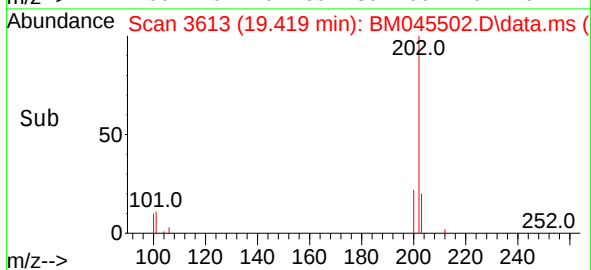
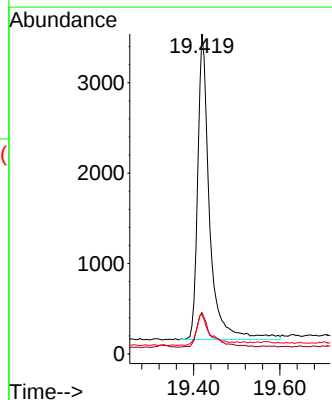
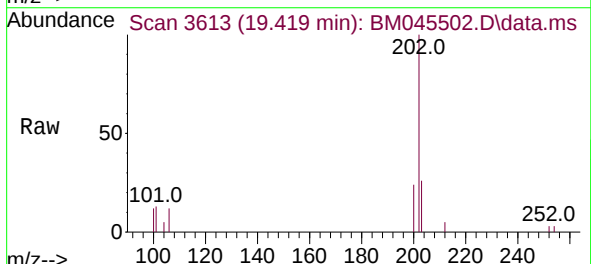
RT: 19.419 min Scan# 3613

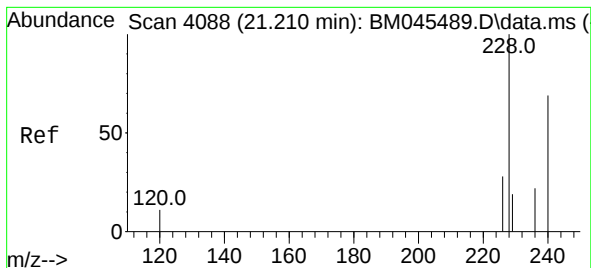
Delta R.T. -0.018 min

Lab File: BM045502.D

Acq: 23 Apr 2024 05:06

Tgt Ion:	202	Resp:	6448
Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.5	17.3
100	12.3	10.6	15.8





#21

Benzo(a)anthracene

Concen: 0.419 ng/ul

RT: 21.190 min Scan# 4081

Delta R.T. -0.020 min

Lab File: BM045502.D

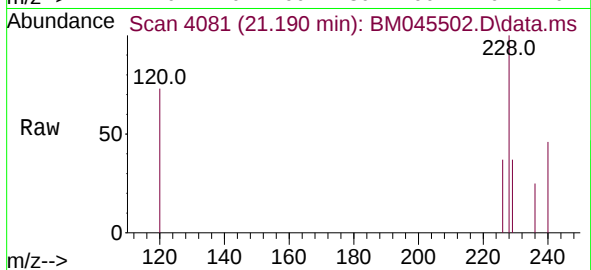
Acq: 23 Apr 2024 05:06

Instrument :

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ClientSampleId :

SLCS252



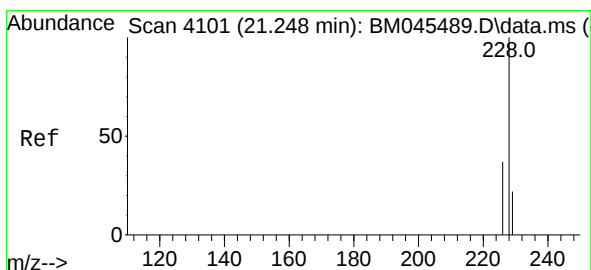
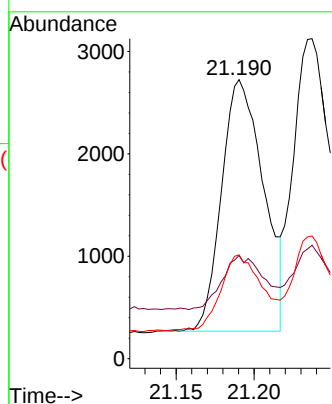
Tgt Ion:228 Resp: 4601

Ion Ratio Lower Upper

228 100

229 37.0 19.4 29.2#

226 37.2 26.3 39.5



#22

Chrysene

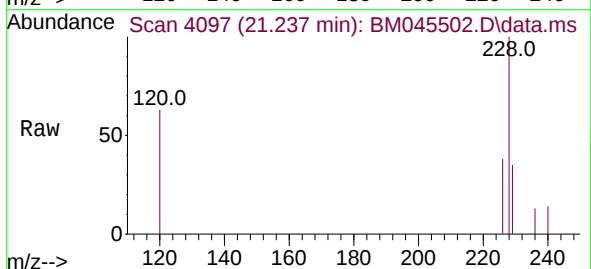
Concen: 0.343 ng/ul

RT: 21.237 min Scan# 4097

Delta R.T. -0.011 min

Lab File: BM045502.D

Acq: 23 Apr 2024 05:06



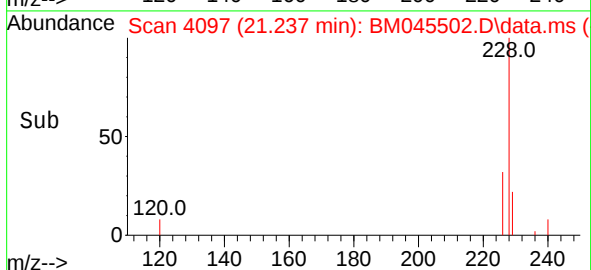
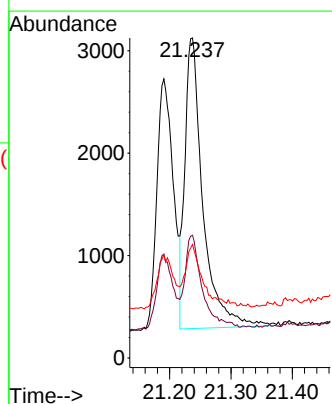
Tgt Ion:228 Resp: 5795

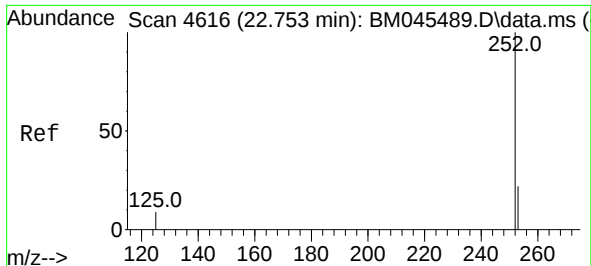
Ion Ratio Lower Upper

228 100

226 38.3 26.3 39.5

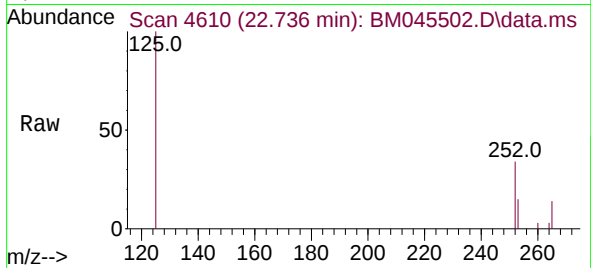
229 35.4 17.8 26.8#



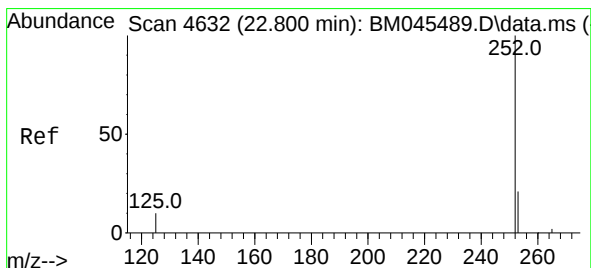
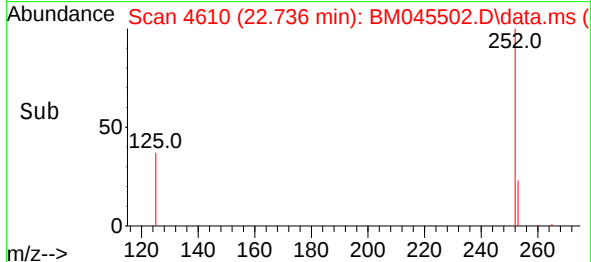
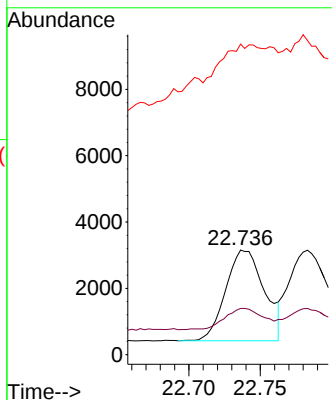


#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 22.736 min Scan# 4610
Delta R.T. -0.017 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

Instrument :
BNA_M
ClientSampleId :
SLCS252

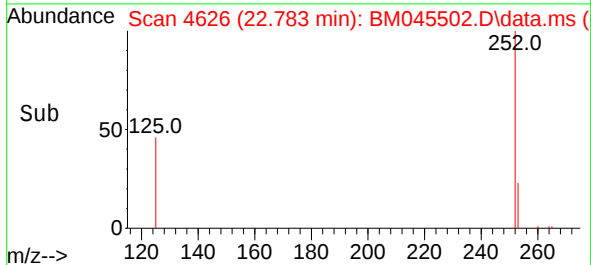
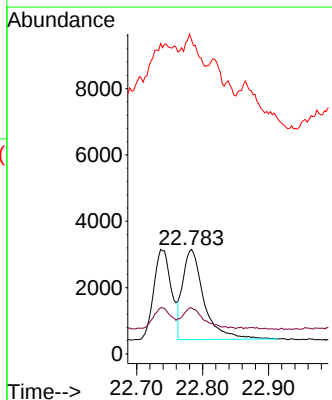
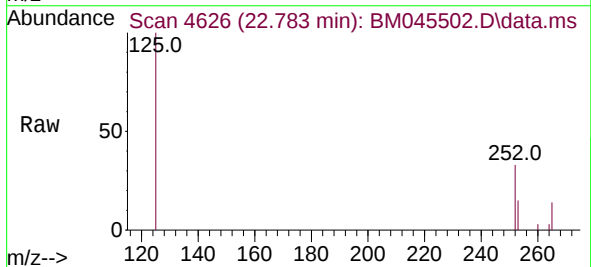


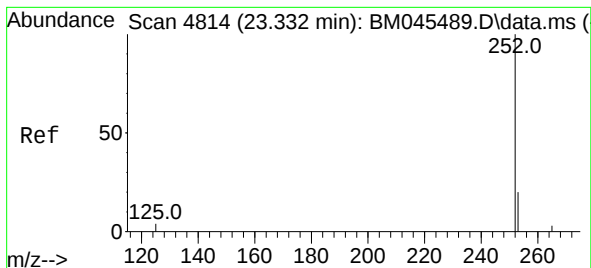
Tgt Ion:252 Resp: 5154
Ion Ratio Lower Upper
252 100
253 44.2 0.0 63.4
125 297.0 0.0 36.8#



#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 22.783 min Scan# 4626
Delta R.T. -0.017 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

Tgt Ion:252 Resp: 6046
Ion Ratio Lower Upper
252 100
253 44.2 25.4 38.0#
125 300.9 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.369 ng/ul

RT: 23.303 min Scan# 4804

Delta R.T. -0.029 min

Lab File: BM045502.D

Acq: 23 Apr 2024 05:06

Instrument :

BNA_M

ClientSampleId :

SLCS252

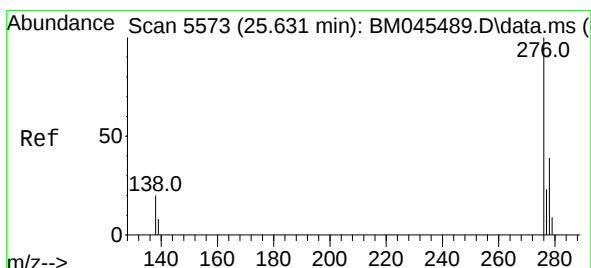
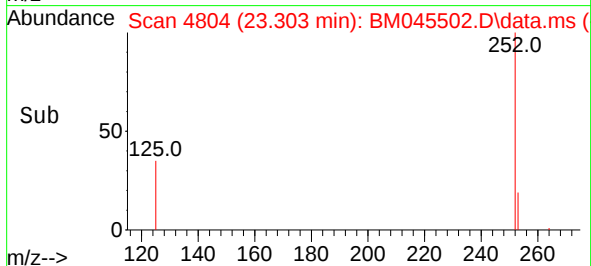
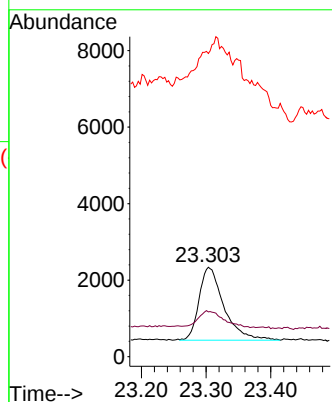
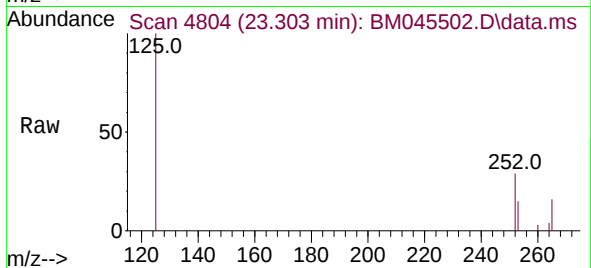
Tgt Ion:252 Resp: 5074

Ion Ratio Lower Upper

252 100

253 50.2 31.6 47.4#

125 339.1 19.5 29.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.355 ng/ul

RT: 25.588 min Scan# 5560

Delta R.T. -0.043 min

Lab File: BM045502.D

Acq: 23 Apr 2024 05:06

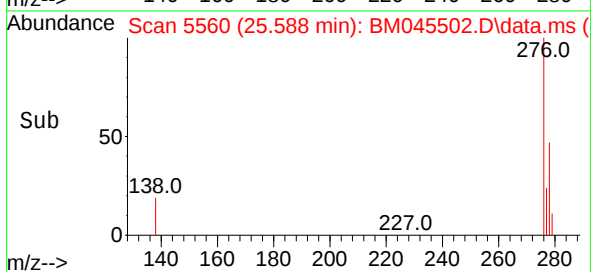
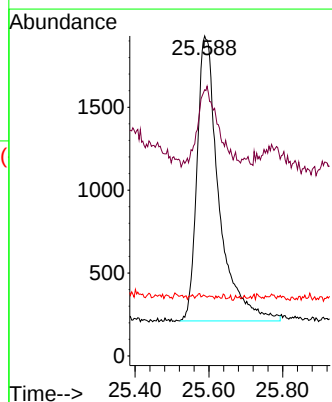
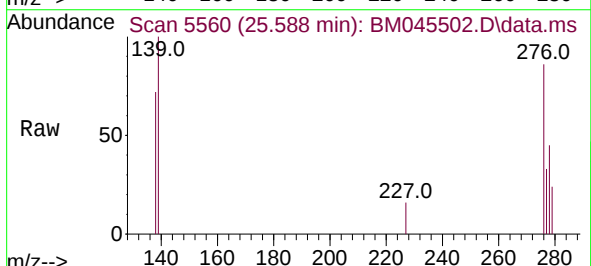
Tgt Ion:276 Resp: 7090

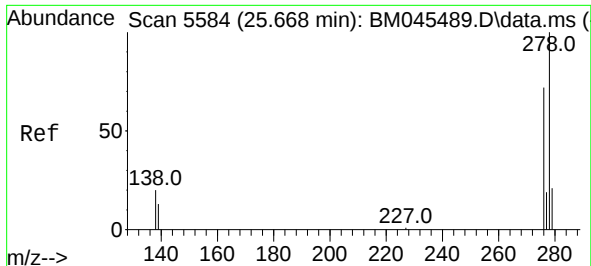
Ion Ratio Lower Upper

276 100

138 25.8 19.8 29.6

227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.357 ng/ul

RT: 25.605 min Scan# 5

Delta R.T. -0.063 min

Lab File: BM045502.D

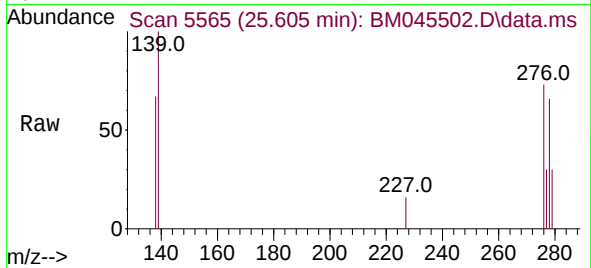
Acq: 23 Apr 2024 05:06

Instrument :

BNA_M

ClientSampleId :

SLCS252



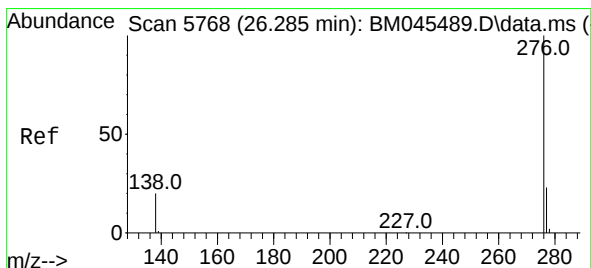
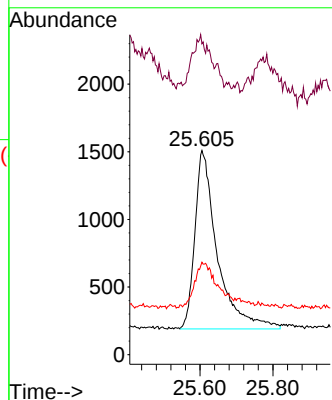
Tgt Ion:278 Resp: 5653

Ion Ratio Lower Upper

278 100

139 152.4 19.0 28.6#

279 45.3 29.4 44.2#



#29

Benzo(g,h,i)perylene

Concen: 0.325 ng/ul

RT: 26.249 min Scan# 5757

Delta R.T. -0.036 min

Lab File: BM045502.D

Acq: 23 Apr 2024 05:06

Tgt Ion:276 Resp: 5843

Ion Ratio Lower Upper

276 100

138 85.0 20.8 31.2#

277 37.7 21.8 32.8#

