

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046836.D
 Acq On : 26 Jul 2024 18:31
 Operator : MA/JU
 Sample : PB162231BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS231

Quant Time: Jul 27 00:07:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

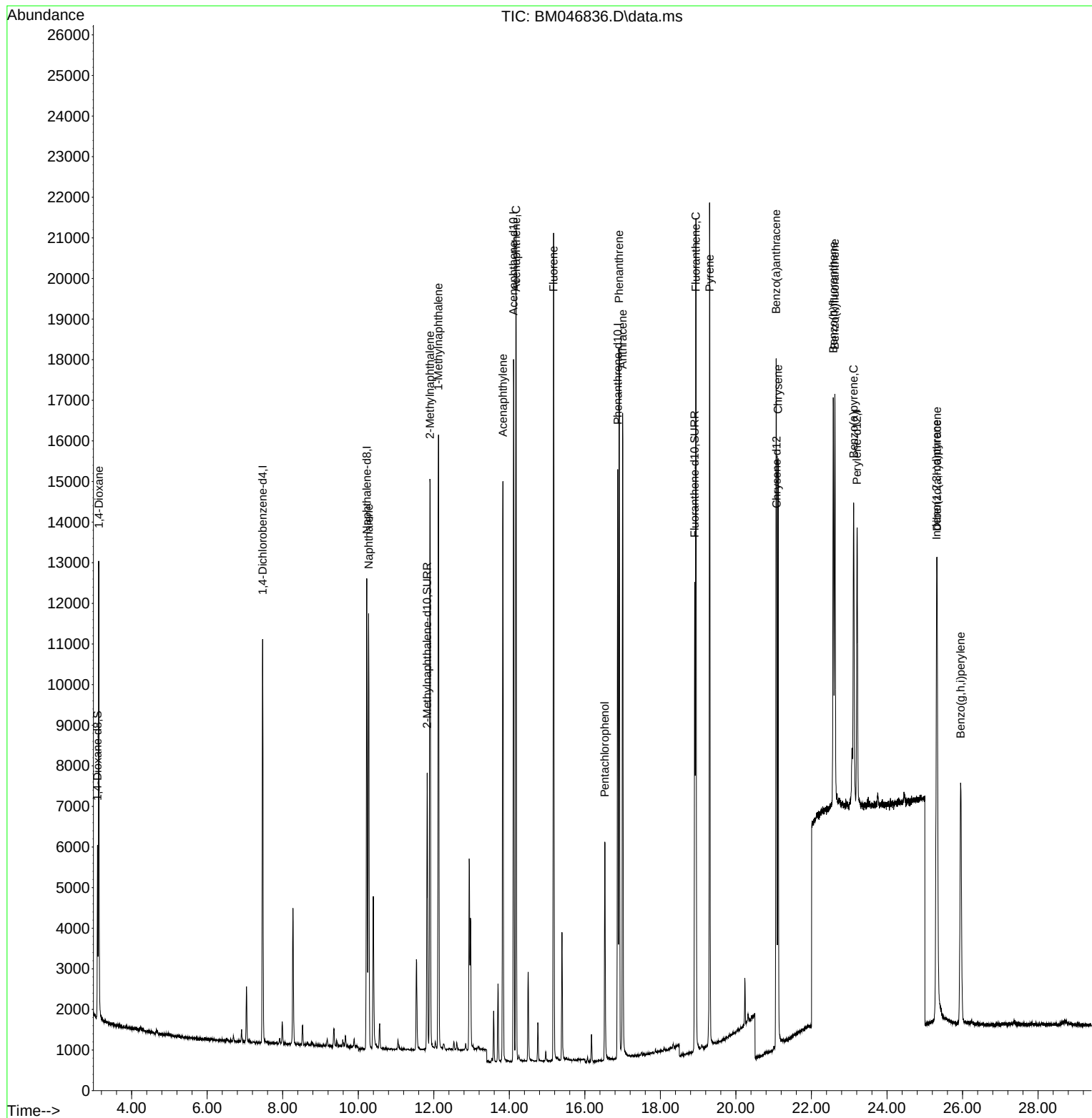
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	4961	0.400	ng/ul	0.00
4) Naphthalene-d8	10.226	136	15218	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.112	164	9261	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.870	188	17861	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.079	240	8456	0.400	ng/ul	# 0.00
23) Perylene-d12	23.206	264	8544	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	2305	0.664	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	8854	0.366	ng/ul	0.00
18) Fluoranthene-d10	18.908	212	13490	0.490	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.130	88	6653	1.674	ng/ul#	82
5) Naphthalene	10.275	128	14330	0.372	ng/ul	98
7) 2-Methylnaphthalene	11.903	142	10164	0.384	ng/ul	100
8) 1-Methylnaphthalene	12.123	142	10193	0.373	ng/ul	100
10) Acenaphthylene	13.830	152	15883	0.374	ng/ul	98
11) Acenaphthene	14.177	153	11478	0.399	ng/ul	99
12) Fluorene	15.172	166	12794	0.356	ng/ul	99
14) Pentachlorophenol	16.528	266	3568	0.441	ng/ul	100
15) Phenanthrene	16.908	178	18316	0.357	ng/ul	98
16) Anthracene	17.001	178	16931	0.354	ng/ul	99
19) Fluoranthene	18.940	202	17771	0.479	ng/ul#	96
20) Pyrene	19.303	202	17783	0.463	ng/ul#	93
21) Benzo(a)anthracene	21.064	228	12859	0.365	ng/ul	100
22) Chrysene	21.114	228	12624	0.353	ng/ul	99
24) Benzo(b)fluoranthene	22.578	252	11989	0.320	ng/ul	90
25) Benzo(k)fluoranthene	22.619	252	12345	0.327	ng/ul#	93
26) Benzo(a)pyrene	23.116	252	11288	0.419	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.313	276	15007	0.362	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.326	278	11310	0.373	ng/ul#	91
29) Benzo(g,h,i)perylene	25.950	276	12298	0.337	ng/ul#	93

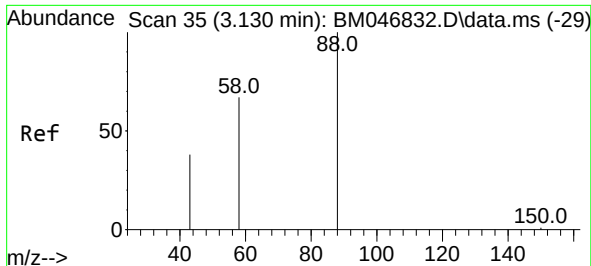
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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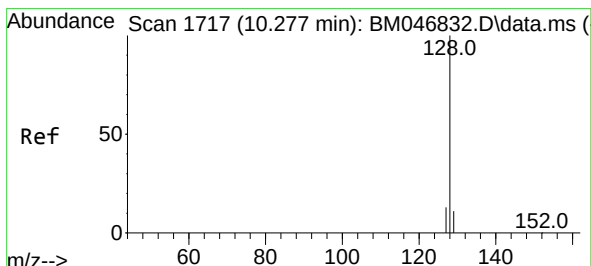
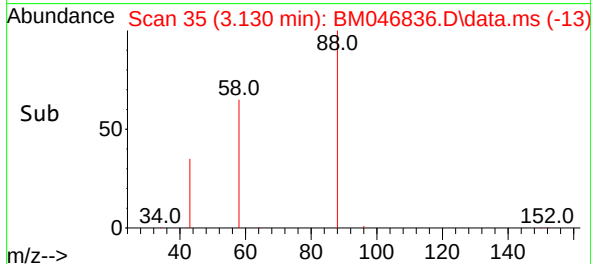
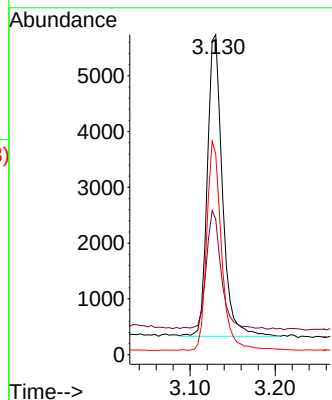
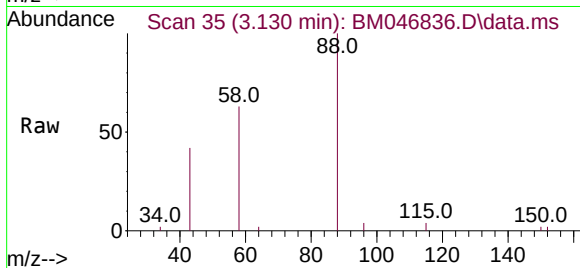




#2
1,4-Dioxane
Concen: 1.674 ng/ul
RT: 3.130 min Scan# 35
Delta R.T. -0.009 min
Lab File: BM046836.D
Acq: 26 Jul 2024 18:31

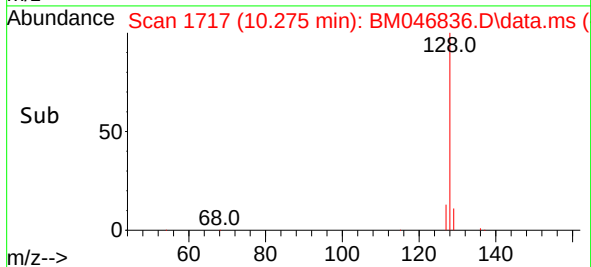
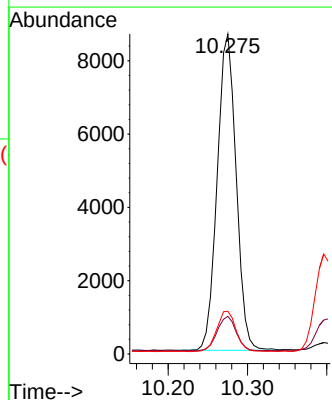
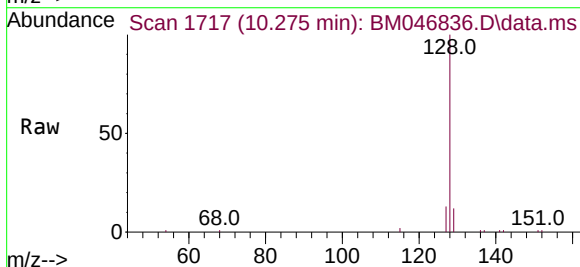
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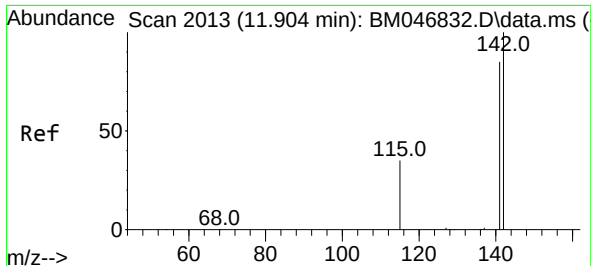
Tgt Ion: 88 Resp: 6653
Ion Ratio Lower Upper
88 100
43 42.4 42.1 63.1
58 62.7 38.3 57.5#



#5
Naphthalene
Concen: 0.372 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BM046836.D
Acq: 26 Jul 2024 18:31

Tgt Ion: 128 Resp: 14330
Ion Ratio Lower Upper
128 100
129 11.7 10.1 15.1
127 13.4 11.5 17.3

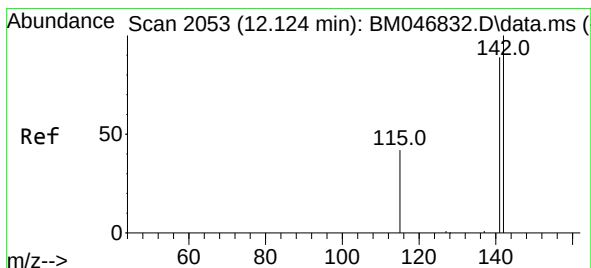
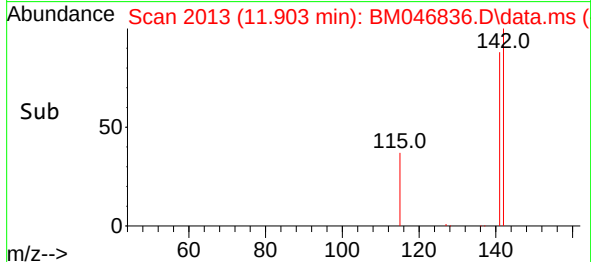
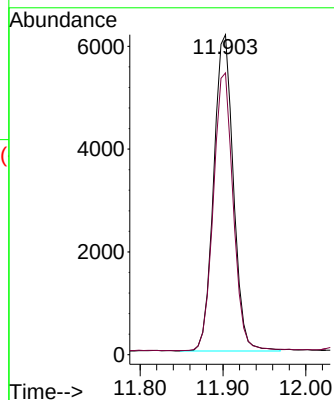
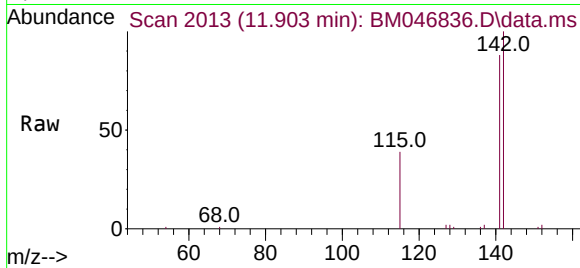




#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BM046836.D
Acq: 26 Jul 2024 18:31

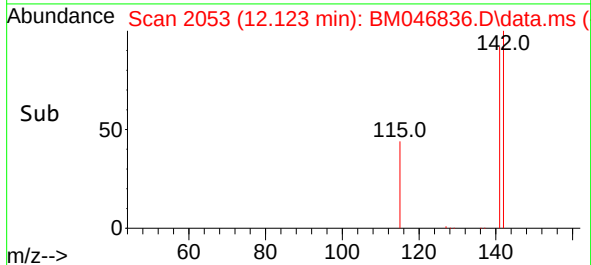
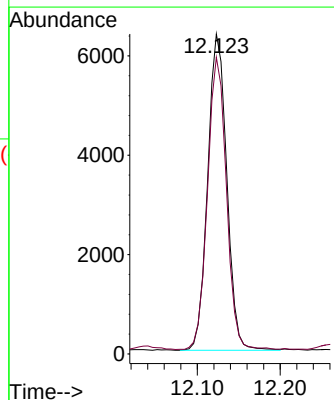
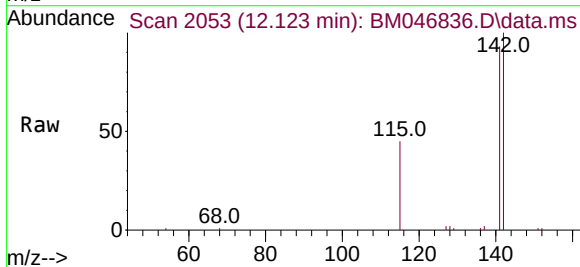
Instrument :
BNA_M
ClientSampleId :
SLCS231

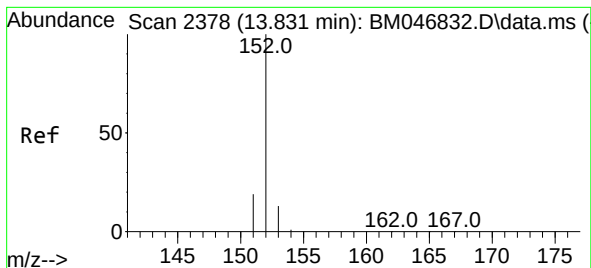
Tgt Ion:142 Resp: 10164
Ion Ratio Lower Upper
142 100
141 88.3 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.123 min Scan# 2053
Delta R.T. -0.007 min
Lab File: BM046836.D
Acq: 26 Jul 2024 18:31

Tgt Ion:142 Resp: 10193
Ion Ratio Lower Upper
142 100
141 91.2 73.1 109.7





#10

Acenaphthylene

Concen: 0.374 ng/ul

RT: 13.830 min Scan# 21

Delta R.T. -0.001 min

Lab File: BM046836.D

Acq: 26 Jul 2024 18:31

Instrument :

BNA_M

ClientSampleId :

SLCS231

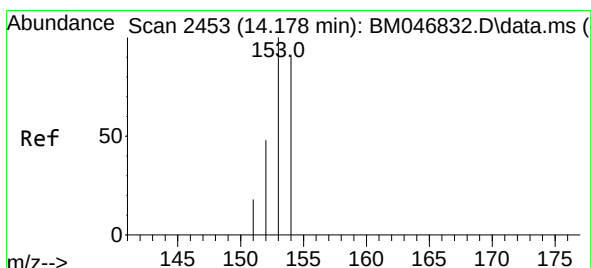
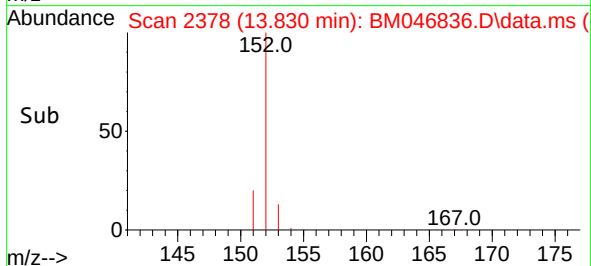
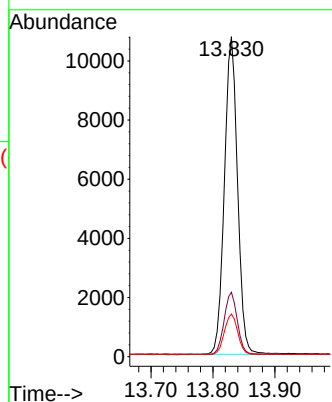
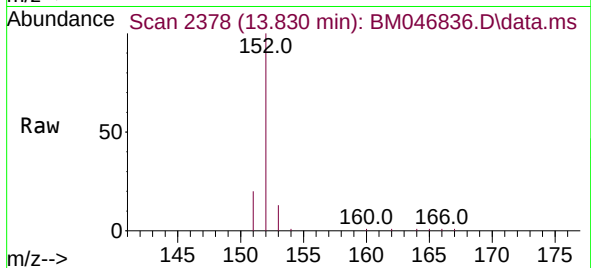
Tgt Ion:152 Resp: 15883

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

153 13.3 11.0 16.6



#11

Acenaphthene

Concen: 0.399 ng/ul

RT: 14.177 min Scan# 2453

Delta R.T. -0.006 min

Lab File: BM046836.D

Acq: 26 Jul 2024 18:31

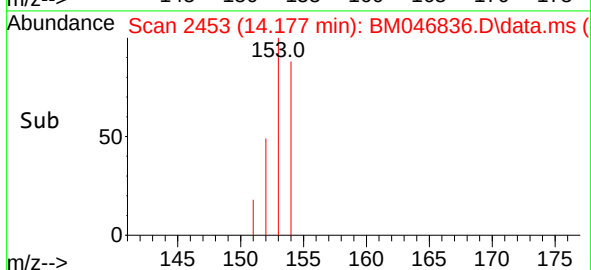
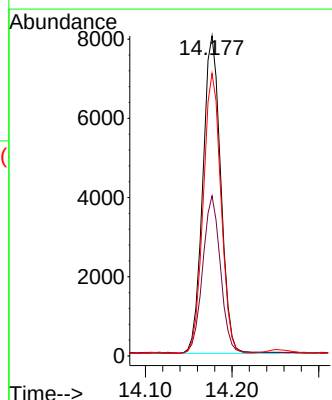
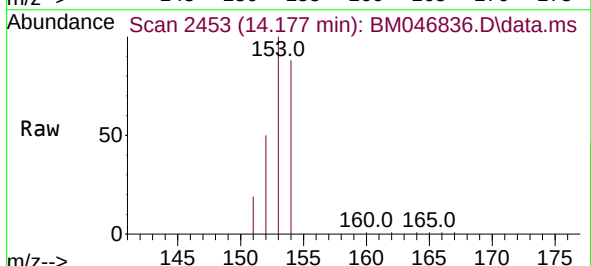
Tgt Ion:153 Resp: 11478

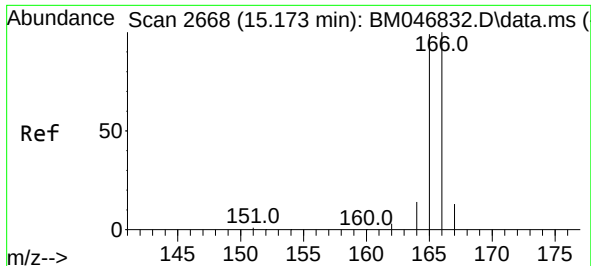
Ion Ratio Lower Upper

153 100

152 50.0 38.6 57.8

154 88.3 70.8 106.2

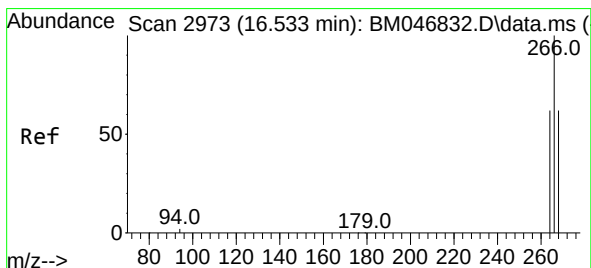
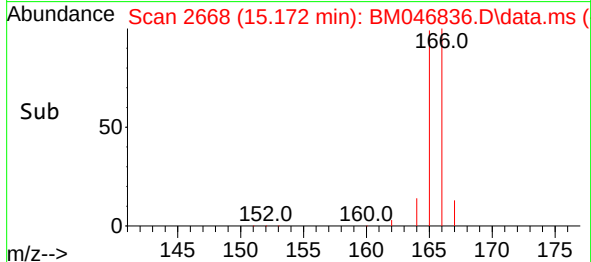
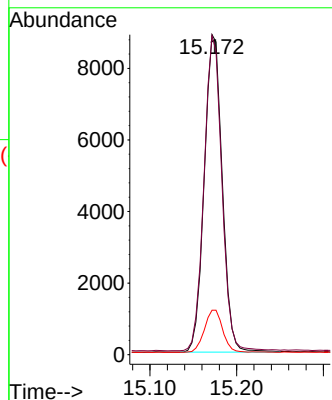
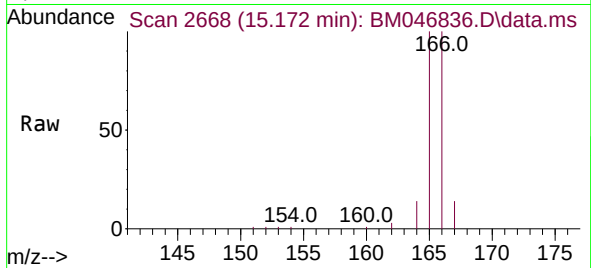




#12
 Fluorene
 Concen: 0.356 ng/ul
 RT: 15.172 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BM046836.D
 Acq: 26 Jul 2024 18:31

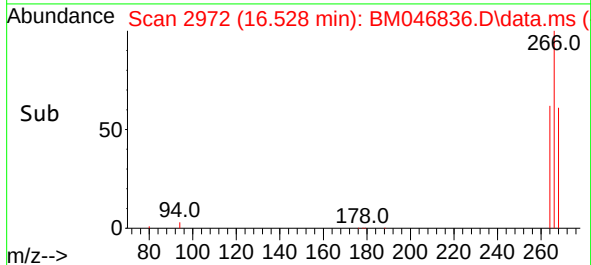
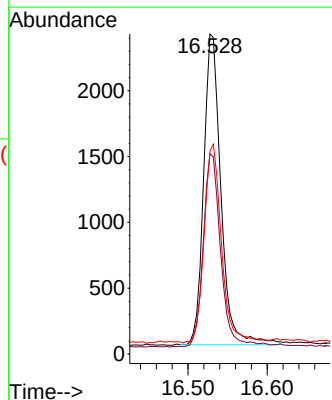
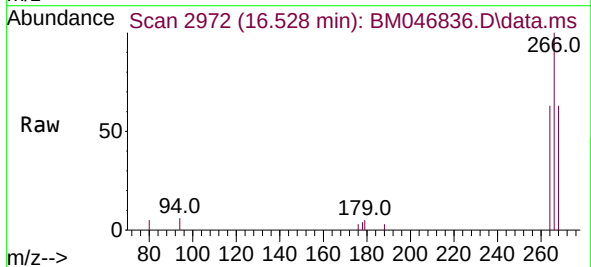
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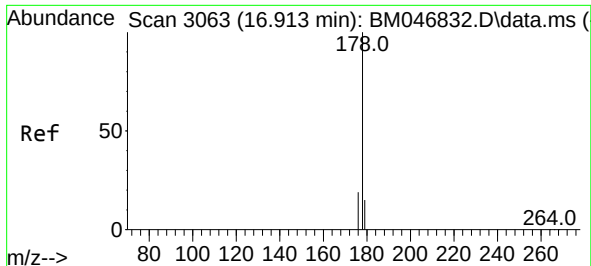
Tgt Ion:166 Resp: 12794
 Ion Ratio Lower Upper
 166 100
 165 99.6 79.8 119.6
 167 13.9 12.3 18.5



#14
 Pentachlorophenol
 Concen: 0.441 ng/ul
 RT: 16.528 min Scan# 2972
 Delta R.T. -0.006 min
 Lab File: BM046836.D
 Acq: 26 Jul 2024 18:31

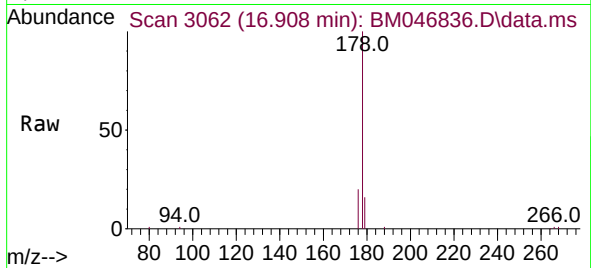
Tgt Ion:266 Resp: 3568
 Ion Ratio Lower Upper
 266 100
 264 63.5 51.1 76.7
 268 65.0 51.8 77.6



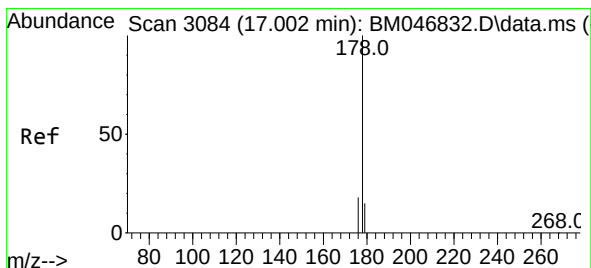
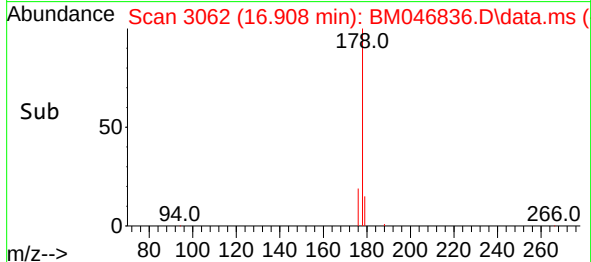
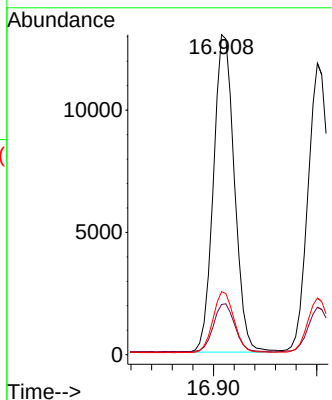


#15
Phenanthrene
Concen: 0.357 ng/ul
RT: 16.908 min Scan# 3062
Delta R.T. -0.006 min
Lab File: BM046836.D
Acq: 26 Jul 2024 18:31

Instrument :
BNA_M
ClientSampleId :
SLCS231

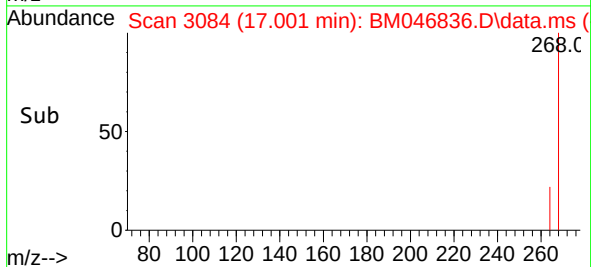
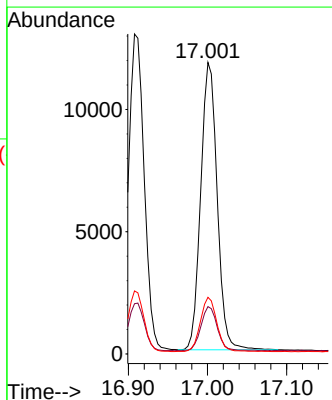
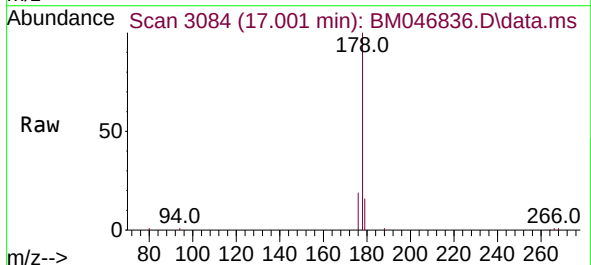


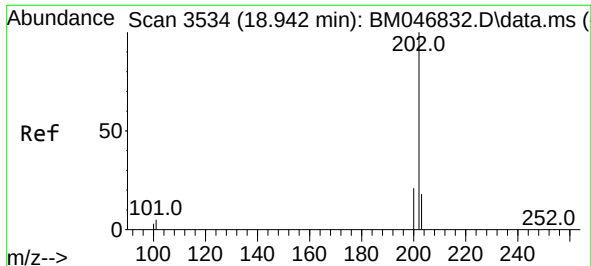
Tgt Ion:178 Resp: 18316
Ion Ratio Lower Upper
178 100
179 15.7 13.4 20.2
176 19.7 16.1 24.1



#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.001 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM046836.D
Acq: 26 Jul 2024 18:31

Tgt Ion:178 Resp: 16931
Ion Ratio Lower Upper
178 100
179 16.3 13.1 19.7
176 19.4 15.0 22.6

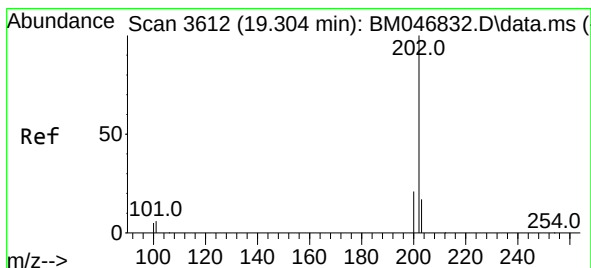
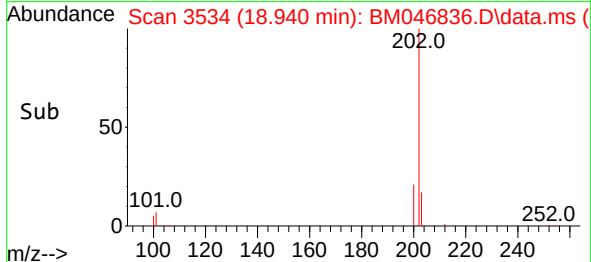
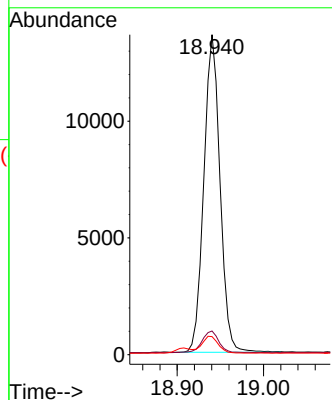
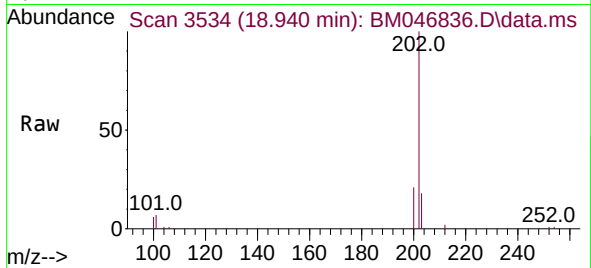




#19
Fluoranthene
Concen: 0.479 ng/ul
RT: 18.940 min Scan# 3534
Delta R.T. -0.001 min
Lab File: BM046836.D
Acq: 26 Jul 2024 18:31

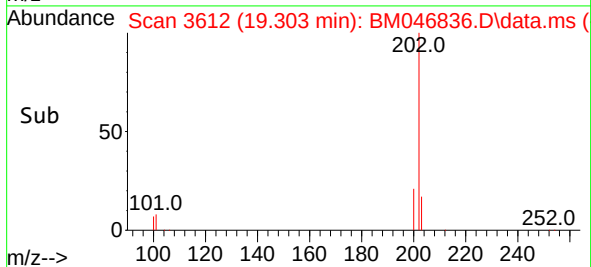
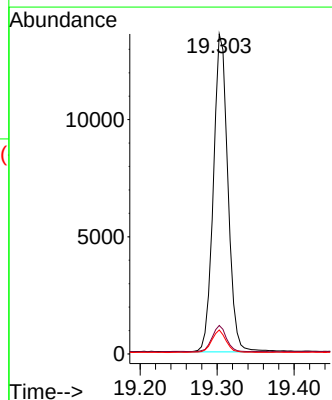
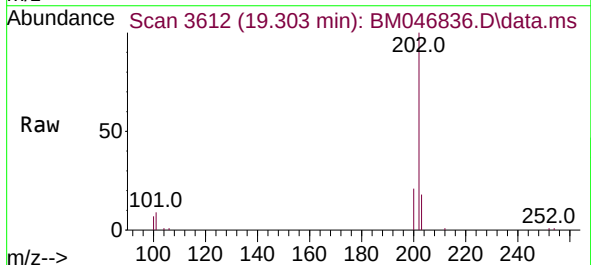
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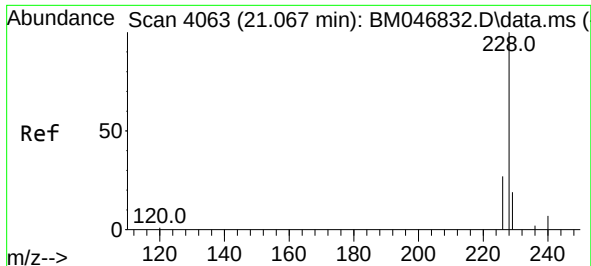
Tgt Ion:202 Resp: 17771
Ion Ratio Lower Upper
202 100
101 7.4 4.7 7.1#
100 5.7 3.4 5.2#



#20
Pyrene
Concen: 0.463 ng/ul
RT: 19.303 min Scan# 3612
Delta R.T. -0.001 min
Lab File: BM046836.D
Acq: 26 Jul 2024 18:31

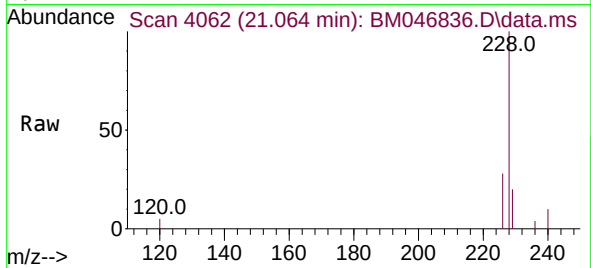
Tgt Ion:202 Resp: 17783
Ion Ratio Lower Upper
202 100
101 8.9 5.2 7.8#
100 7.5 4.3 6.5#



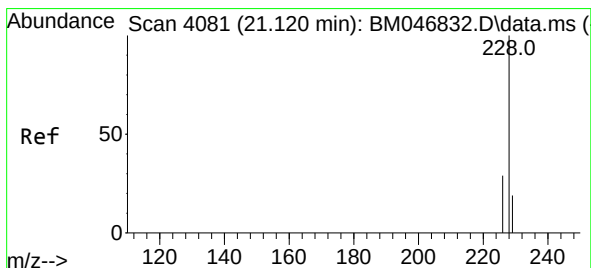
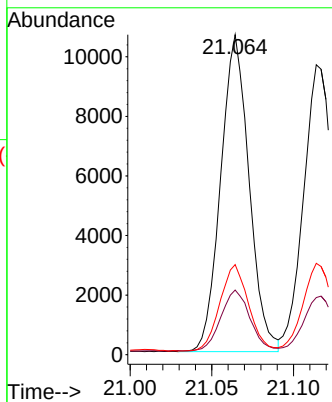
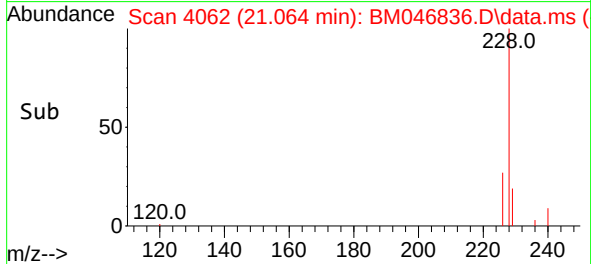


#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. 0.000 min
Lab File: BM046836.D
Acq: 26 Jul 2024 18:31

Instrument :
BNA_M
ClientSampleId :
SLCS231

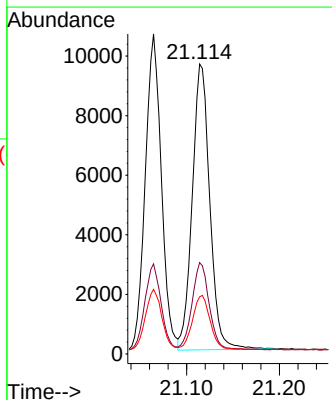
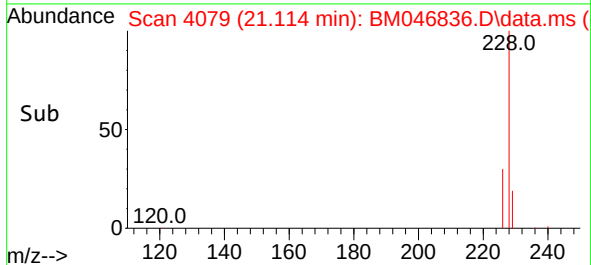
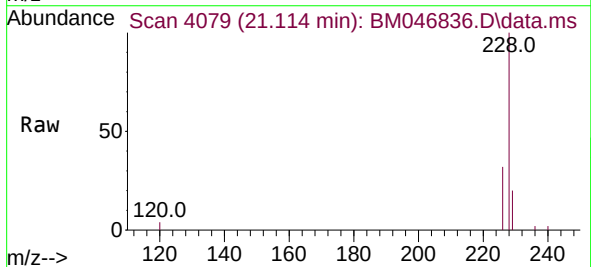


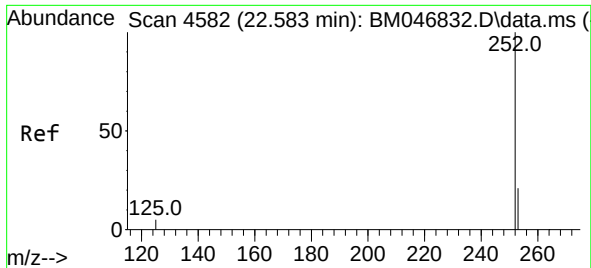
Tgt Ion:228 Resp: 12859
Ion Ratio Lower Upper
228 100
229 20.2 16.3 24.5
226 28.2 22.3 33.5



#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046836.D
Acq: 26 Jul 2024 18:31

Tgt Ion:228 Resp: 12624
Ion Ratio Lower Upper
228 100
226 31.5 24.5 36.7
229 19.7 16.2 24.2

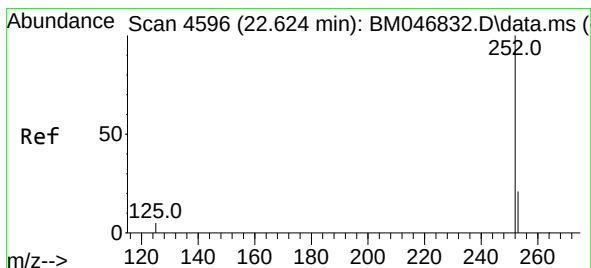
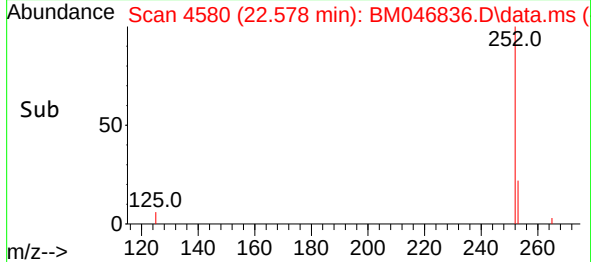
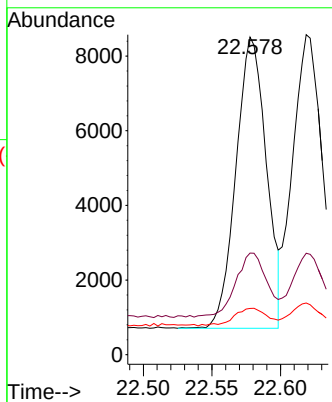
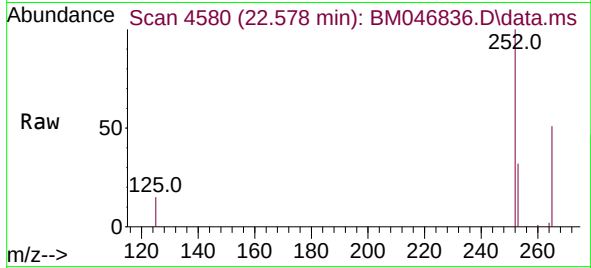




#24
Benzo(b)fluoranthene
Concen: 0.320 ng/ul
RT: 22.578 min Scan# 4582
Delta R.T. -0.003 min
Lab File: BM046836.D
Acq: 26 Jul 2024 18:31

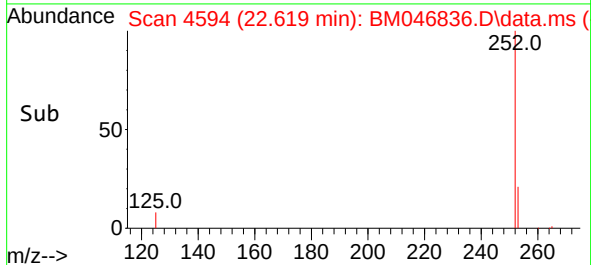
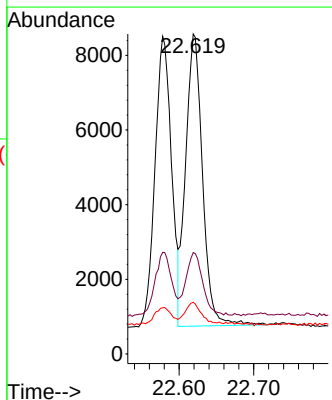
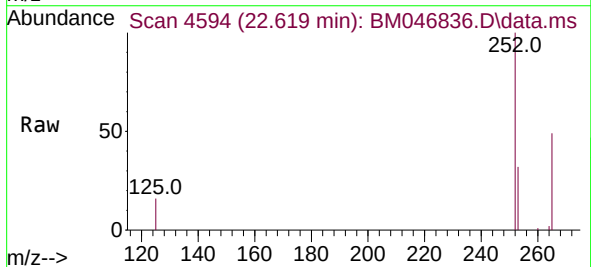
Instrument :
BNA_M
ClientSampleId :
SLCS231

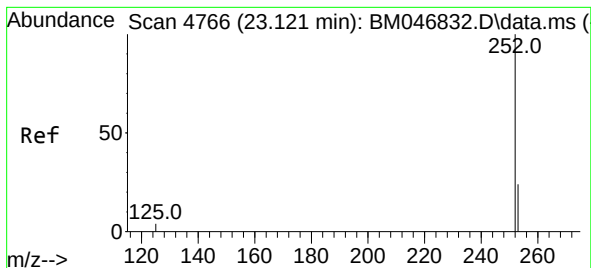
Tgt Ion:252 Resp: 11989
Ion Ratio Lower Upper
252 100
253 32.0 0.0 56.4
125 14.6 0.0 15.8



#25
Benzo(k)fluoranthene
Concen: 0.327 ng/ul
RT: 22.619 min Scan# 4594
Delta R.T. -0.003 min
Lab File: BM046836.D
Acq: 26 Jul 2024 18:31

Tgt Ion:252 Resp: 12345
Ion Ratio Lower Upper
252 100
253 31.7 23.5 35.3
125 16.2 8.6 13.0#





#26

Benzo(a)pyrene

Concen: 0.419 ng/ul

RT: 23.116 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM046836.D

Acq: 26 Jul 2024 18:31

Instrument :

BNA_M

ClientSampleId :

SLCS231

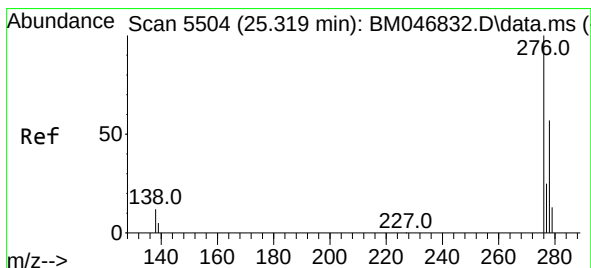
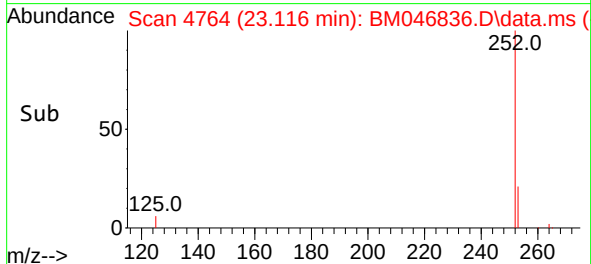
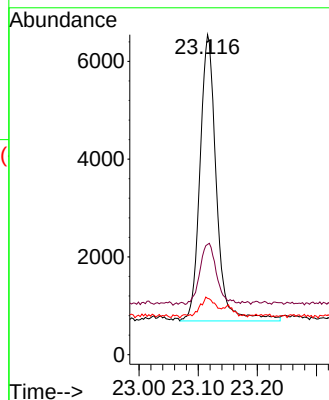
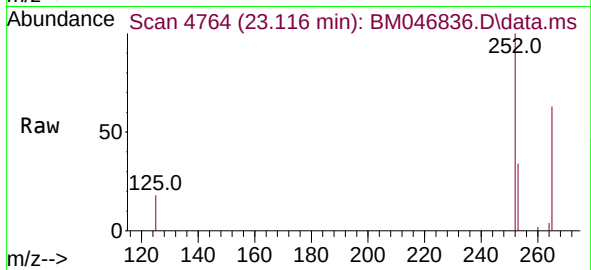
Tgt Ion:252 Resp: 11288

Ion Ratio Lower Upper

252 100

253 34.4 26.0 39.0

125 17.6 7.8 11.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.362 ng/ul

RT: 25.313 min Scan# 5502

Delta R.T. -0.003 min

Lab File: BM046836.D

Acq: 26 Jul 2024 18:31

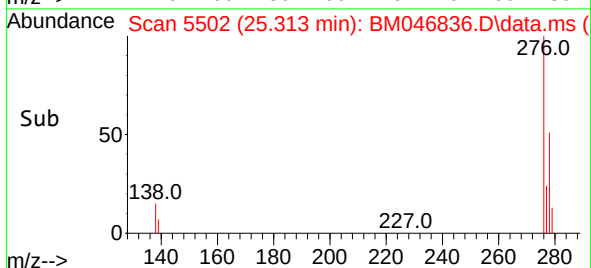
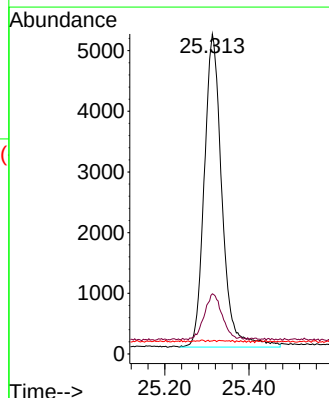
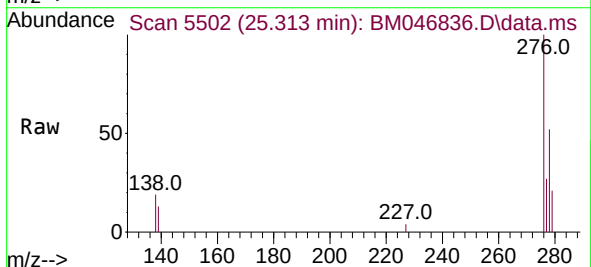
Tgt Ion:276 Resp: 15007

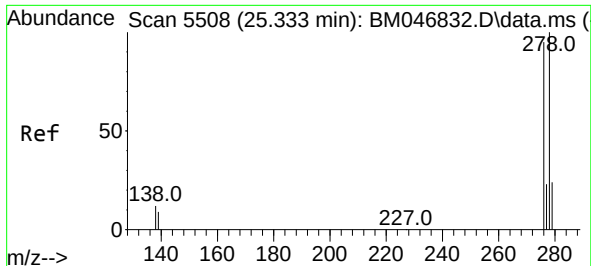
Ion Ratio Lower Upper

276 100

138 14.7 9.7 14.5#

227 0.1 0.2 0.2#

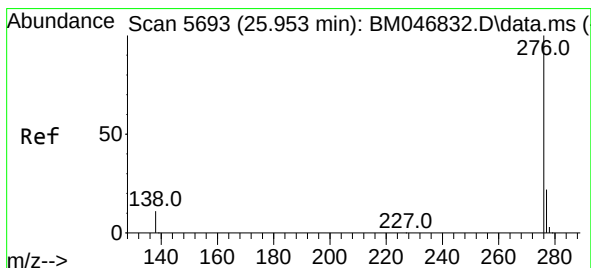
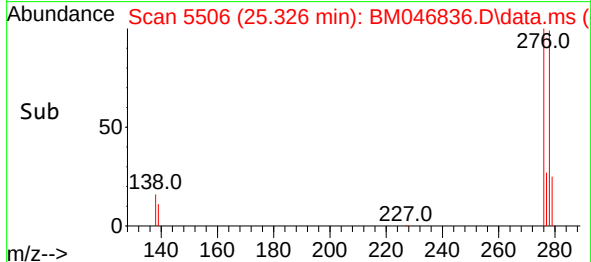
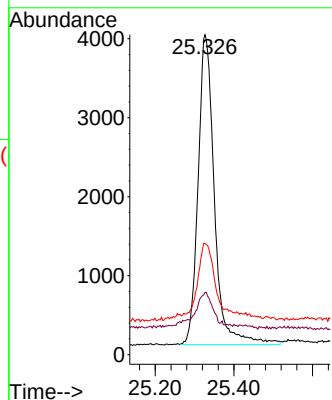
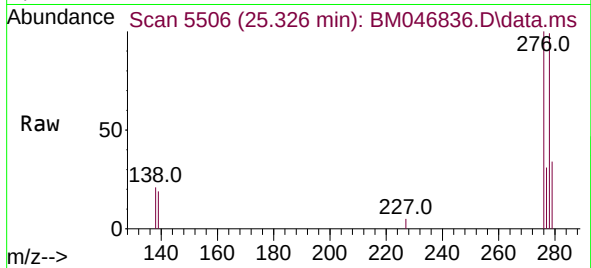




#28
Dibenzo(a,h)anthracene
Concen: 0.373 ng/ul
RT: 25.326 min Scan# 51
Delta R.T. -0.006 min
Lab File: BM046836.D
Acq: 26 Jul 2024 18:31

Instrument :
BNA_M
ClientSampleId :
SLCS231

Tgt Ion:278 Resp: 11310
Ion Ratio Lower Upper
278 100
139 19.4 9.8 14.8#
279 34.8 25.2 37.8



#29
Benzo(g,h,i)perylene
Concen: 0.337 ng/ul
RT: 25.950 min Scan# 5692
Delta R.T. -0.003 min
Lab File: BM046836.D
Acq: 26 Jul 2024 18:31

Tgt Ion:276 Resp: 12298
Ion Ratio Lower Upper
276 100
138 18.0 9.5 14.3#
277 27.8 20.9 31.3

