

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042135.D
 Acq On : 29 Sep 2023 03:28
 Operator : MA/JU
 Sample : PB155824BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS824

Quant Time: Sep 29 04:43:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 04:39:33 2023
 Response via : Initial Calibration

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

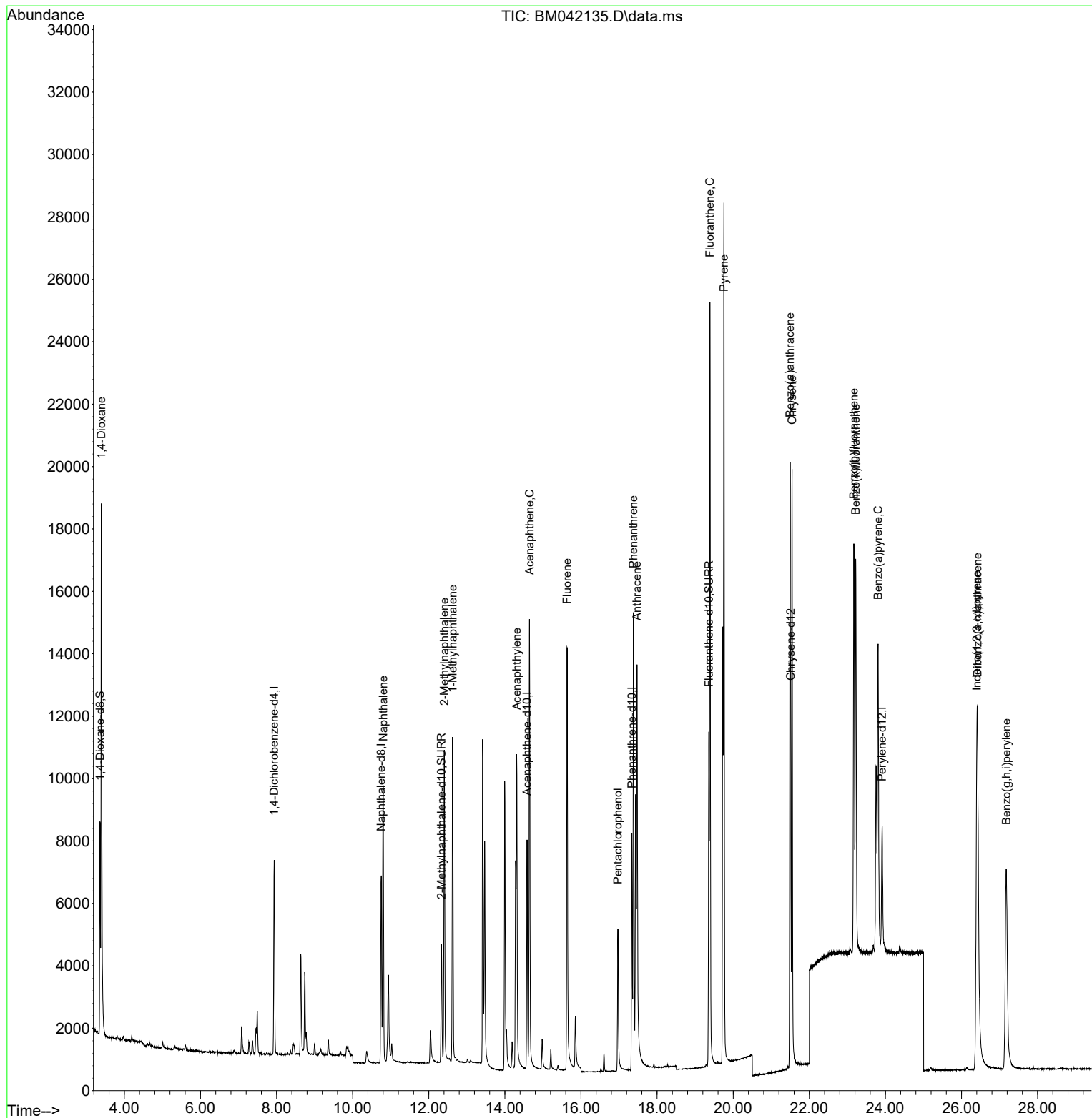
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	3228	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	8090	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	3944	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	8659	0.400	ng/ul	0.00
17) Chrysene-d12	21.510	240	5566	0.400	ng/ul	0.00
23) Perylene-d12	23.912	264	5618	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	4426	1.006	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	5324	0.526	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	10022	0.437	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.397	88	11494	2.484	ng/ul#	86
5) Naphthalene	10.801	128	12185	0.450	ng/ul	99
7) 2-Methylnaphthalene	12.407	142	7583	0.469	ng/ul	98
8) 1-Methylnaphthalene	12.627	142	7327	0.447	ng/ul	99
10) Acenaphthylene	14.310	152	12199	0.462	ng/ul	100
11) Acenaphthene	14.648	153	8845	0.437	ng/ul	98
12) Fluorene	15.638	166	10121	0.443	ng/ul	100
14) Pentachlorophenol	16.970	266	3487	0.761	ng/ul	99
15) Phenanthrene	17.379	178	16855	0.420	ng/ul	99
16) Anthracene	17.472	178	15361	0.443	ng/ul	99
19) Fluoranthene	19.389	202	20474	0.325	ng/ul	99
20) Pyrene	19.757	202	22070	0.357	ng/ul	99
21) Benzo(a)anthracene	21.495	228	16363	0.388	ng/ul	99
22) Chrysene	21.547	228	17158	0.394	ng/ul	99
24) Benzo(b)fluoranthene	23.170	252	17398	0.402	ng/ul	99
25) Benzo(k)fluoranthene	23.219	252	17349	0.413	ng/ul	99
26) Benzo(a)pyrene	23.807	252	15321	0.431	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.401	276	19068	0.391	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.421	278	14025	0.398	ng/ul	98
29) Benzo(g,h,i)perylene	27.176	276	16155	0.393	ng/ul	99

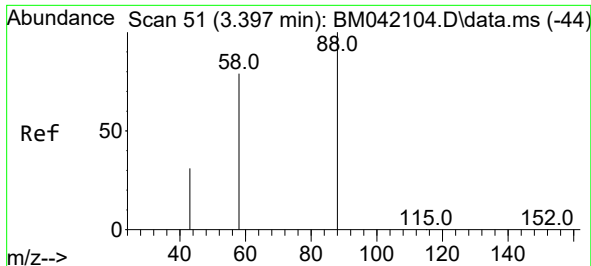
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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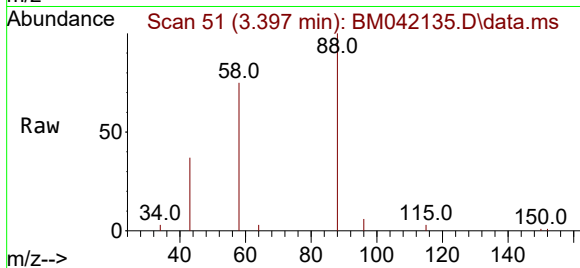
Quant Time: Sep 29 04:43:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



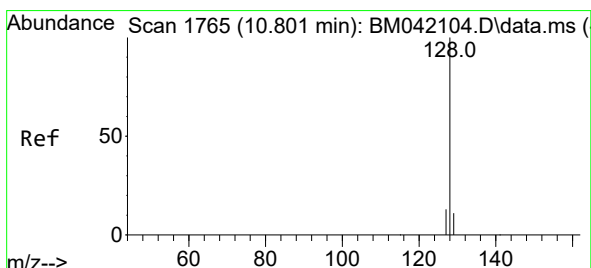
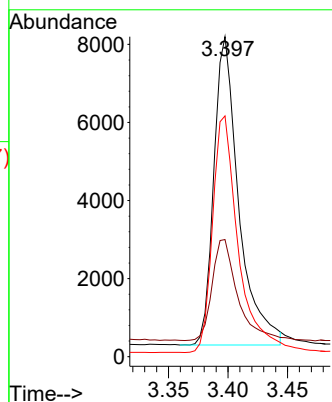
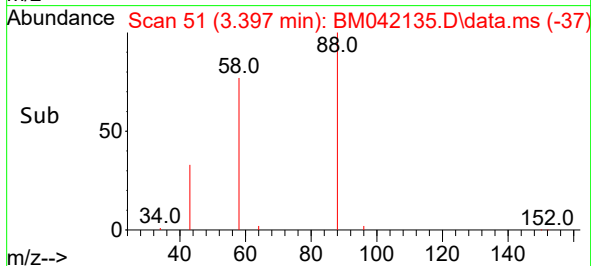


#2
1,4-Dioxane
Concen: 2.484 ng/ul
RT: 3.397 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM042135.D
Acq: 29 Sep 2023 03:28

Instrument :
BNA_M
ClientSampleId :
SLCS824

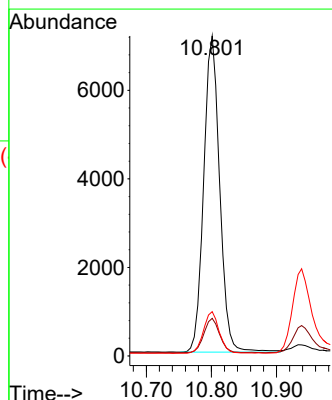
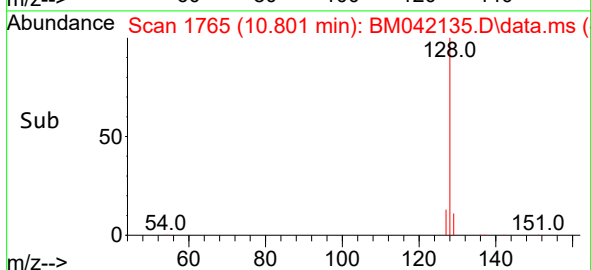
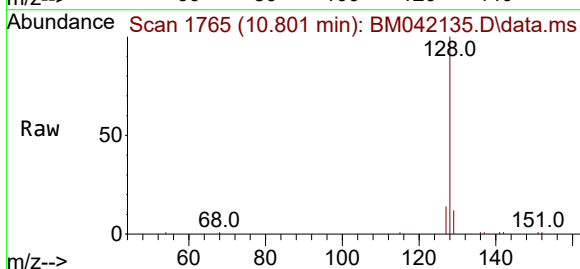


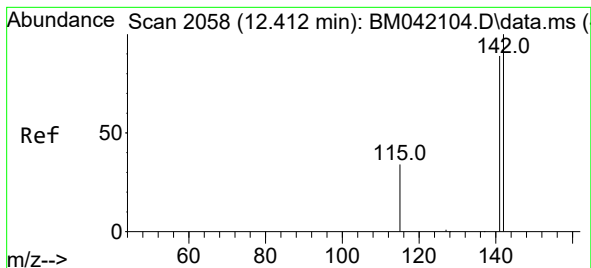
Tgt Ion: 88 Resp: 11494
Ion Ratio Lower Upper
88 100
43 36.6 42.9 64.3#
58 75.3 56.4 84.6



#5
Naphthalene
Concen: 0.450 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BM042135.D
Acq: 29 Sep 2023 03:28

Tgt Ion: 128 Resp: 12185
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.8 10.8 16.2

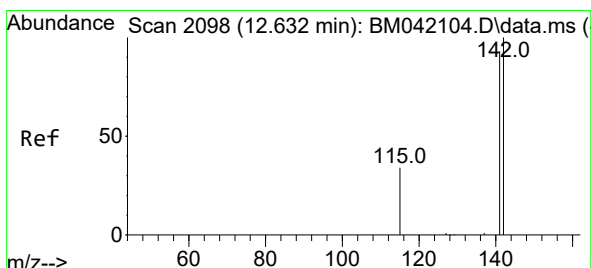
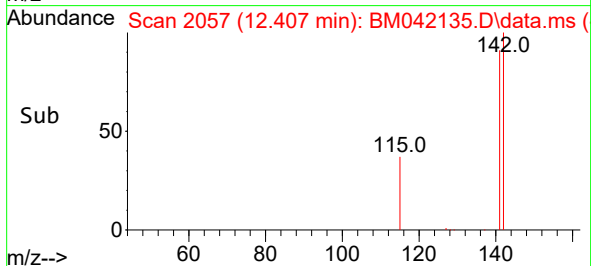
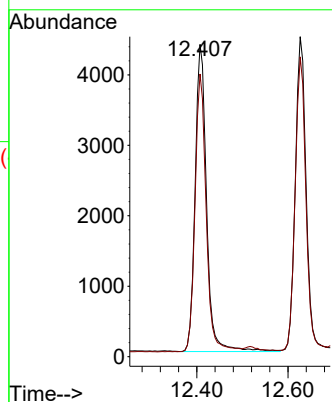
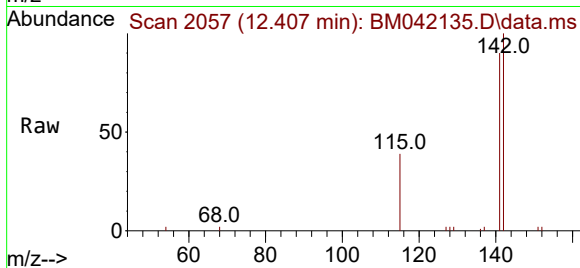




#7
2-Methylnaphthalene
Concen: 0.469 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM042135.D
Acq: 29 Sep 2023 03:28

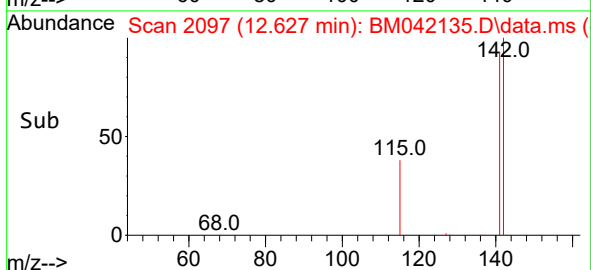
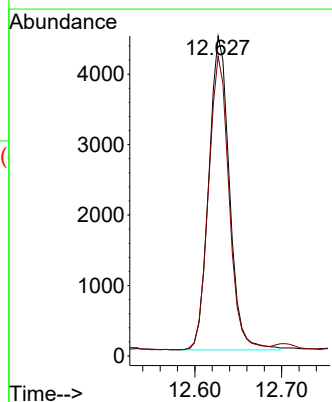
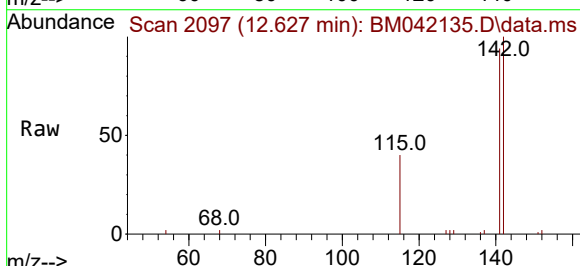
Instrument :
BNA_M
ClientSampleId :
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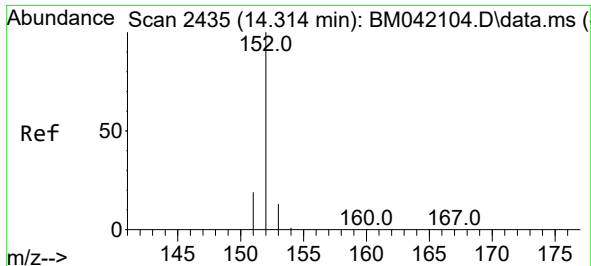
Tgt Ion:142 Resp: 7583
Ion Ratio Lower Upper
142 100
141 88.5 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.447 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM042135.D
Acq: 29 Sep 2023 03:28

Tgt Ion:142 Resp: 7327
Ion Ratio Lower Upper
142 100
141 93.2 75.1 112.7

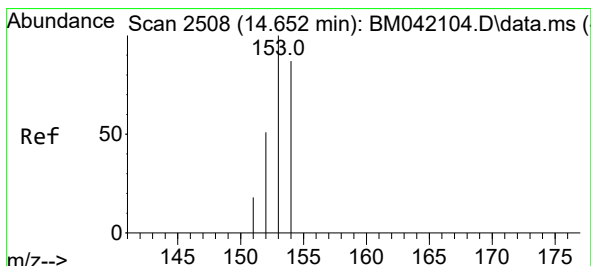
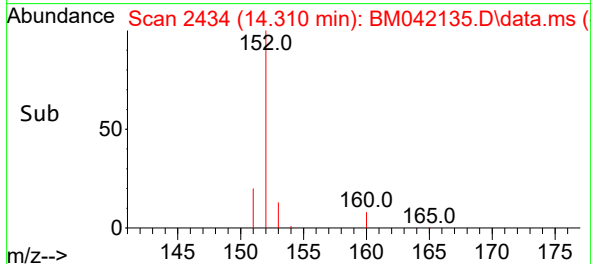
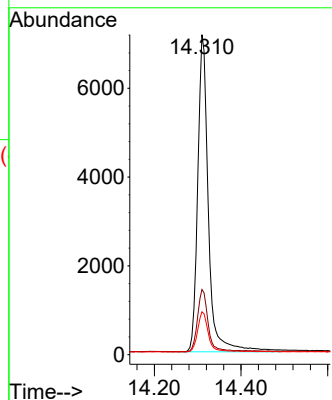
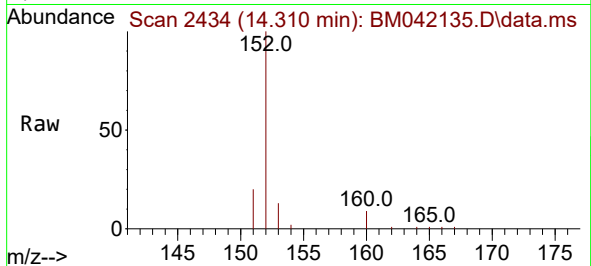




#10
Acenaphthylene
Concen: 0.462 ng/ul
RT: 14.310 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BM042135.D
Acq: 29 Sep 2023 03:28

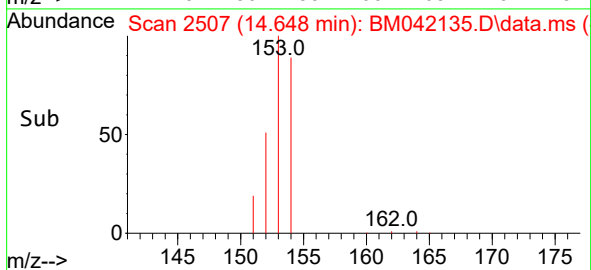
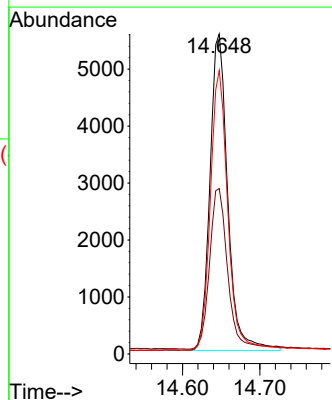
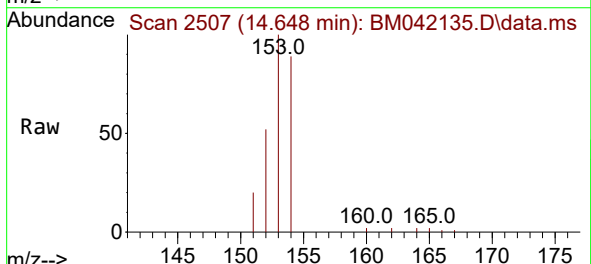
Instrument :
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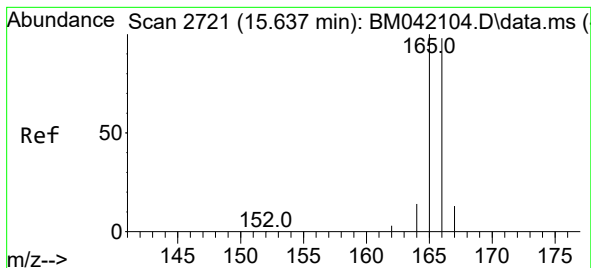
Tgt Ion:152 Resp: 12199
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.4 10.8 16.2



#11
Acenaphthene
Concen: 0.437 ng/ul
RT: 14.648 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BM042135.D
Acq: 29 Sep 2023 03:28

Tgt Ion:153 Resp: 8845
Ion Ratio Lower Upper
153 100
152 51.7 41.8 62.8
154 88.5 69.0 103.6





#12

Fluorene

Concen: 0.443 ng/ul

RT: 15.638 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042135.D

Acq: 29 Sep 2023 03:28

Instrument :

BNA_M

ClientSampleId :

SLCS824

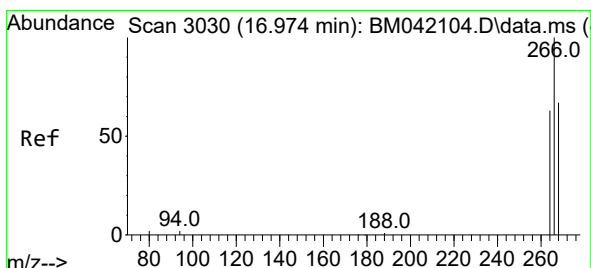
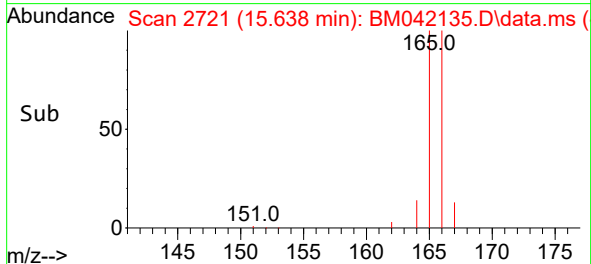
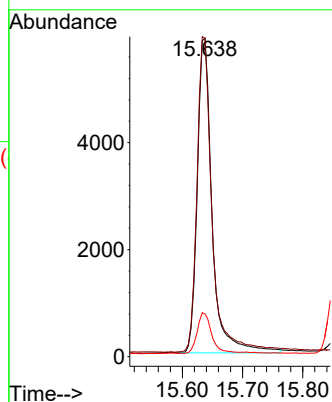
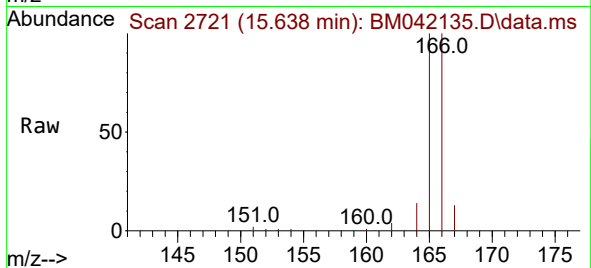
Tgt Ion:166 Resp: 10121

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

167 13.4 11.1 16.7



#14

Pentachlorophenol

Concen: 0.761 ng/ul

RT: 16.970 min Scan# 3029

Delta R.T. -0.004 min

Lab File: BM042135.D

Acq: 29 Sep 2023 03:28

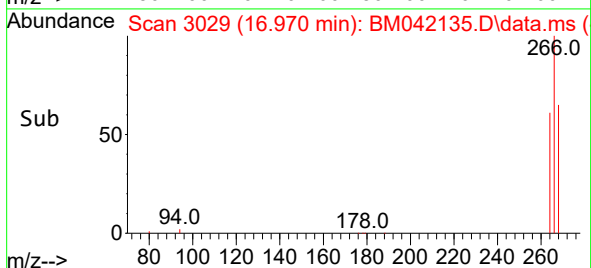
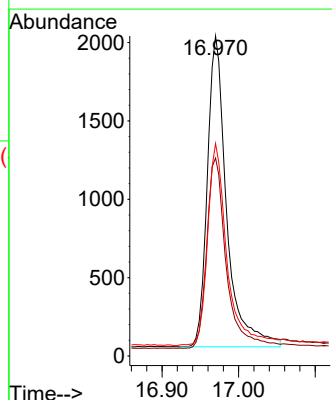
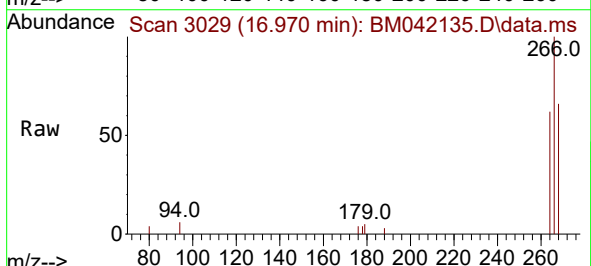
Tgt Ion:266 Resp: 3487

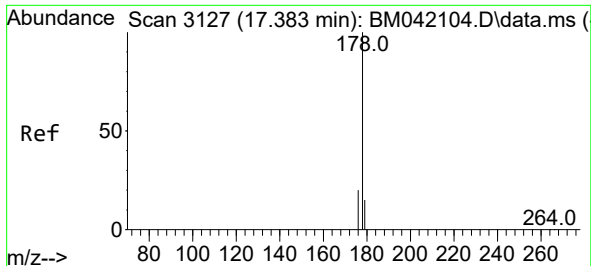
Ion Ratio Lower Upper

266 100

264 62.2 50.2 75.4

268 65.1 51.0 76.4

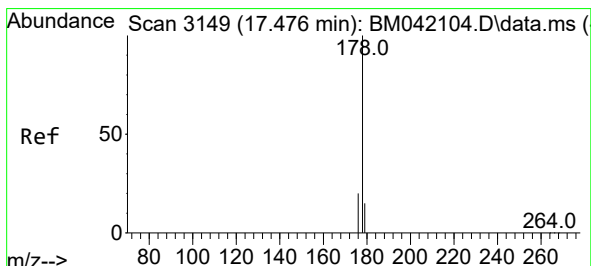
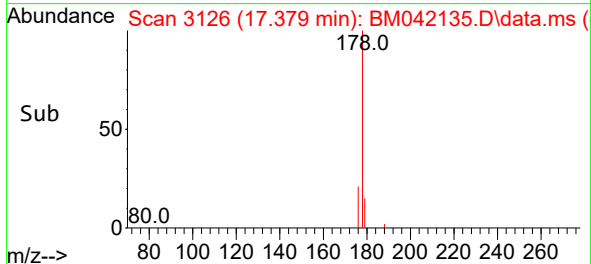
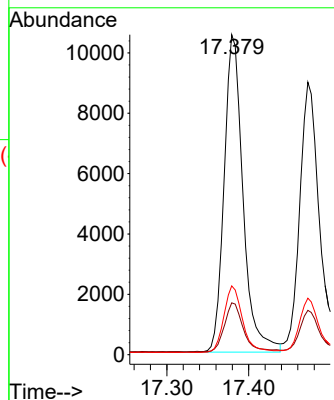
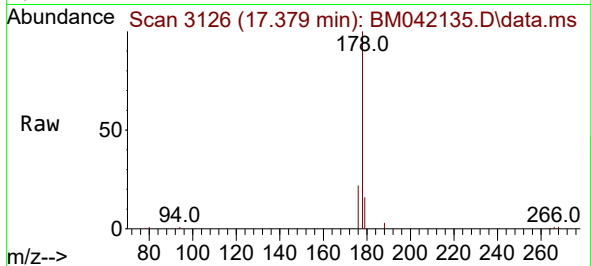




#15
Phenanthrene
Concen: 0.420 ng/ul
RT: 17.379 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BM042135.D
Acq: 29 Sep 2023 03:28

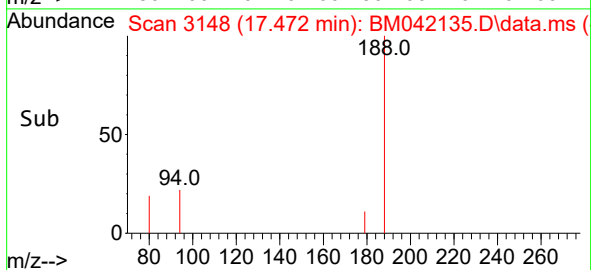
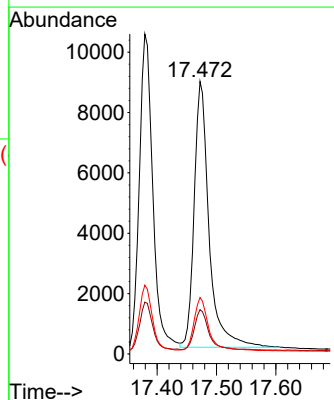
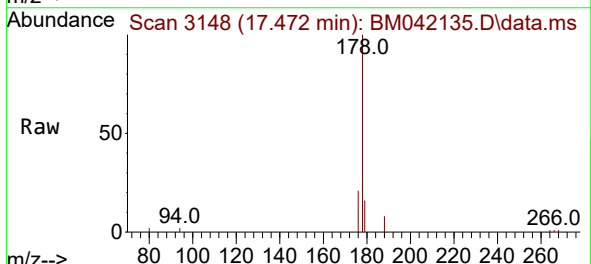
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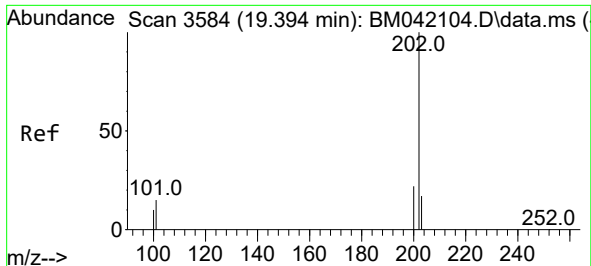
Tgt Ion:178 Resp: 16855
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 21.5 16.6 24.8



#16
Anthracene
Concen: 0.443 ng/ul
RT: 17.472 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BM042135.D
Acq: 29 Sep 2023 03:28

Tgt Ion:178 Resp: 15361
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 20.7 16.2 24.2

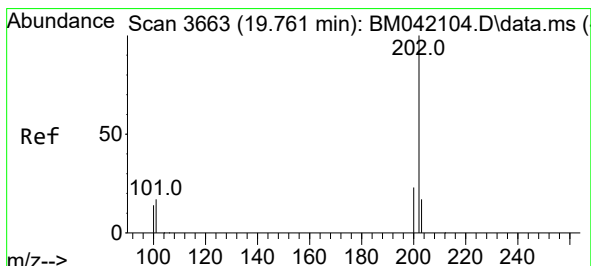
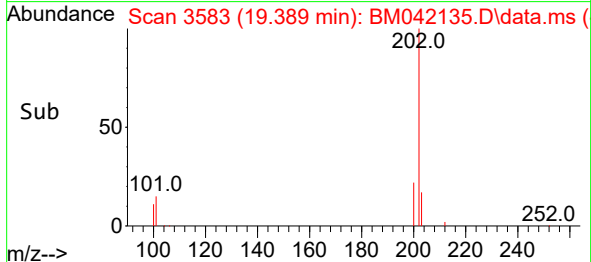
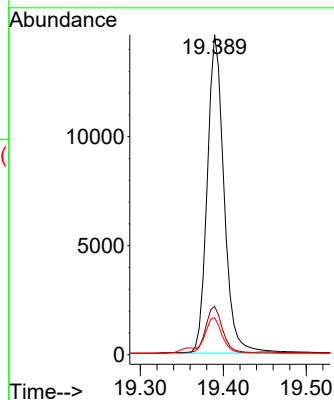
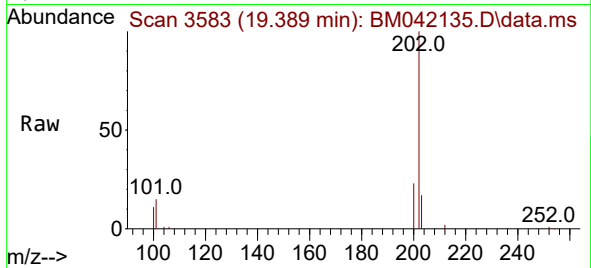




#19
Fluoranthene
Concen: 0.325 ng/ul
RT: 19.389 min Scan# 3583
Delta R.T. -0.000 min
Lab File: BM042135.D
Acq: 29 Sep 2023 03:28

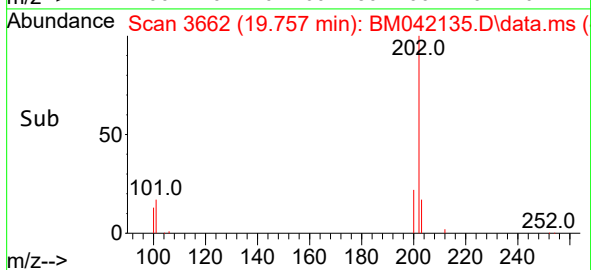
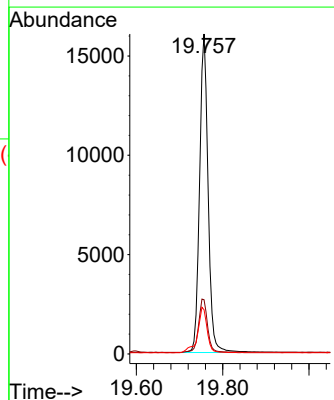
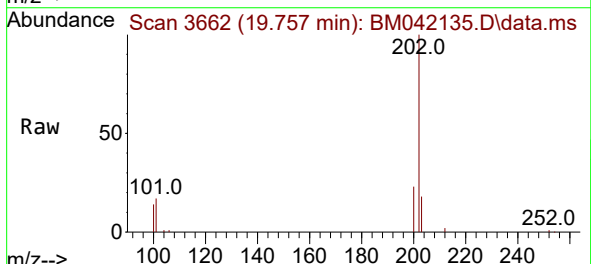
Instrument :
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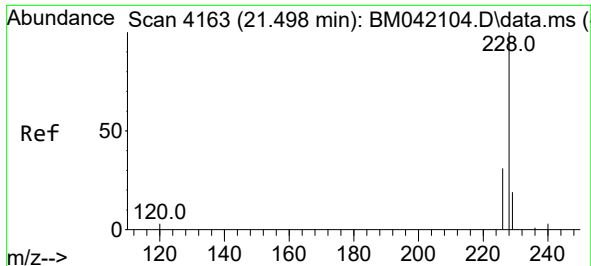
Tgt Ion:202 Resp: 20474
Ion Ratio Lower Upper
202 100
101 15.1 11.8 17.6
100 11.5 9.1 13.7



#20
Pyrene
Concen: 0.357 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM042135.D
Acq: 29 Sep 2023 03:28

Tgt Ion:202 Resp: 22070
Ion Ratio Lower Upper
202 100
101 16.9 14.1 21.1
100 13.8 11.4 17.0

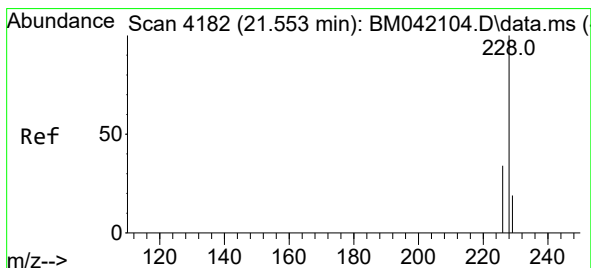
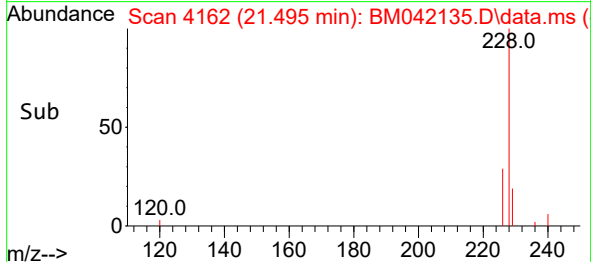
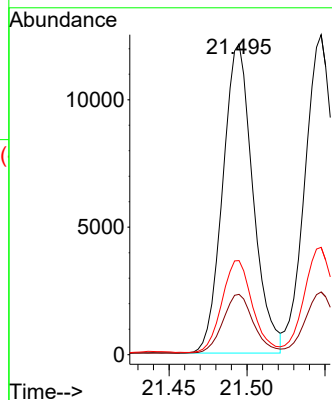
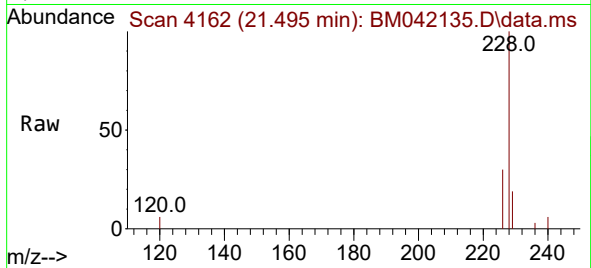




#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.495 min Scan# 4163
Delta R.T. -0.000 min
Lab File: BM042135.D
Acq: 29 Sep 2023 03:28

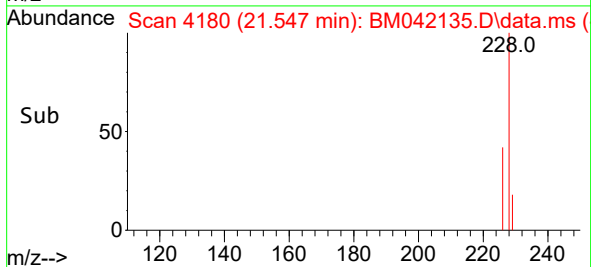
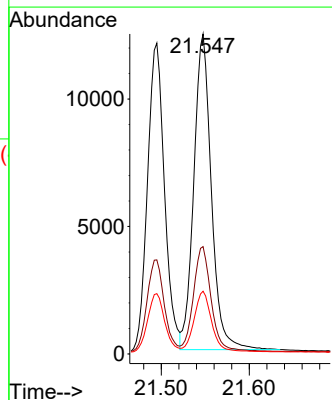
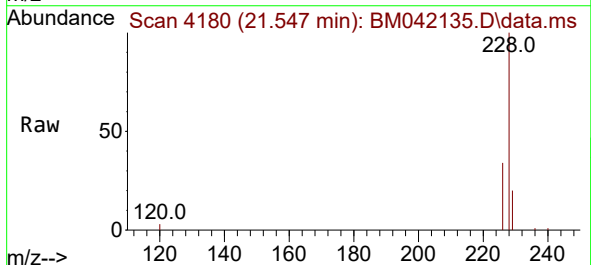
Instrument :
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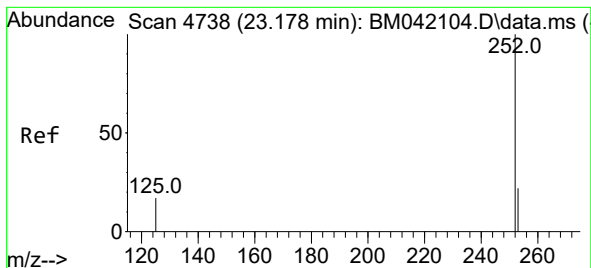
Tgt Ion:228 Resp: 16363
Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 30.3 24.8 37.2



#22
Chrysene
Concen: 0.394 ng/ul
RT: 21.547 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM042135.D
Acq: 29 Sep 2023 03:28

Tgt Ion:228 Resp: 17158
Ion Ratio Lower Upper
228 100
226 33.6 27.8 41.6
229 19.6 15.6 23.4





#24

Benzo(b)fluoranthene

Concen: 0.402 ng/ul

RT: 23.170 min Scan# 4735

Delta R.T. -0.003 min

Lab File: BM042135.D

Acq: 29 Sep 2023 03:28

Instrument :

BNA_M

ClientSampleId :

SLCS824

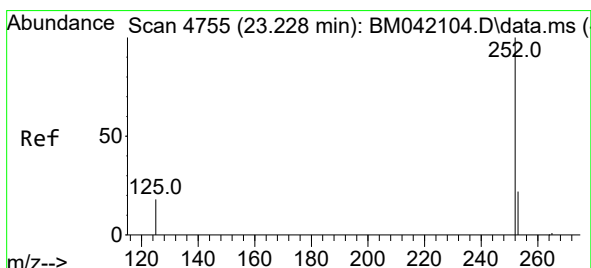
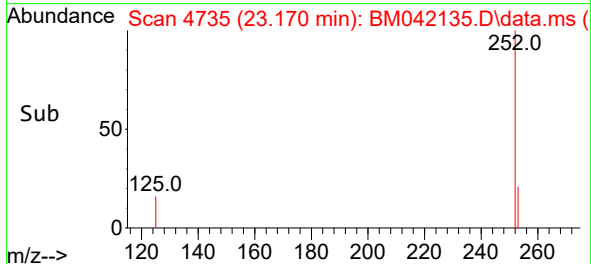
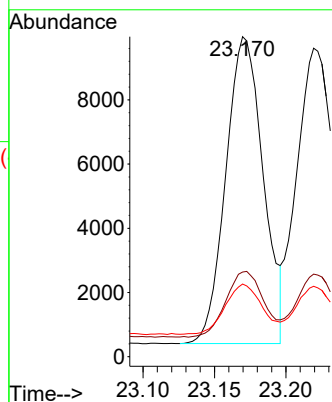
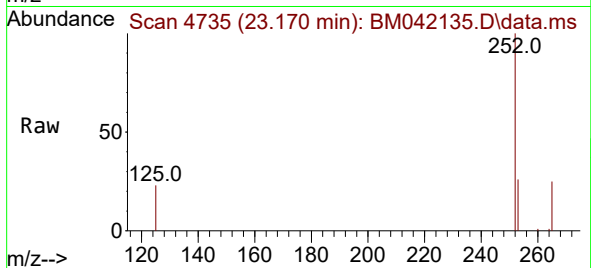
Tgt Ion:252 Resp: 17398

Ion Ratio Lower Upper

252 100

253 26.5 0.0 54.4

125 22.7 0.0 46.2



#25

Benzo(k)fluoranthene

Concen: 0.413 ng/ul

RT: 23.219 min Scan# 4752

Delta R.T. -0.003 min

Lab File: BM042135.D

Acq: 29 Sep 2023 03:28

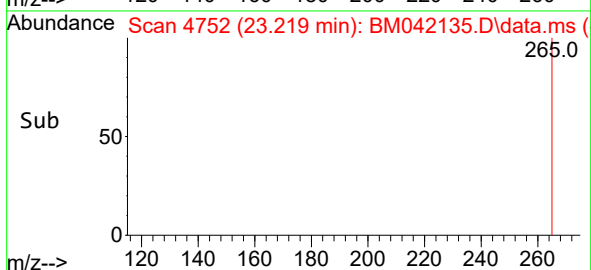
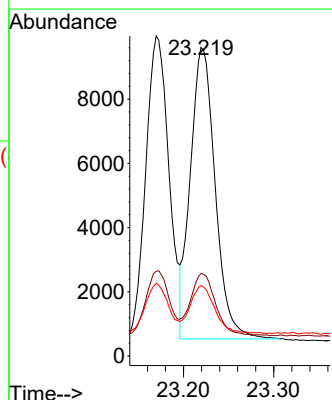
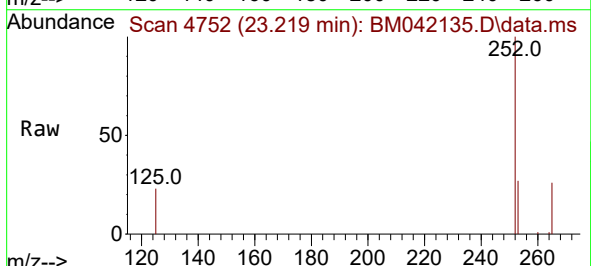
Tgt Ion:252 Resp: 17349

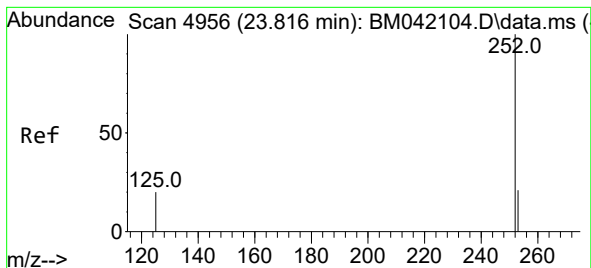
Ion Ratio Lower Upper

252 100

253 26.7 21.0 31.6

125 22.8 19.0 28.6





#26

Benzo(a)pyrene

Concen: 0.431 ng/ul

RT: 23.807 min Scan# 4956

Delta R.T. -0.000 min

Lab File: BM042135.D

Acq: 29 Sep 2023 03:28

Instrument :

BNA_M

ClientSampleId :

SLCS824

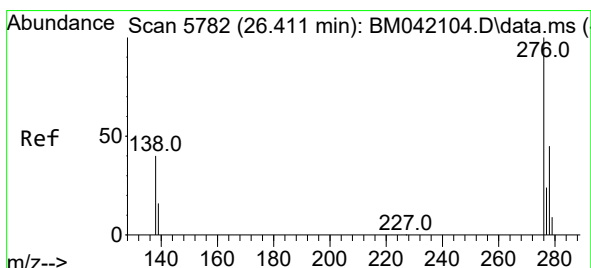
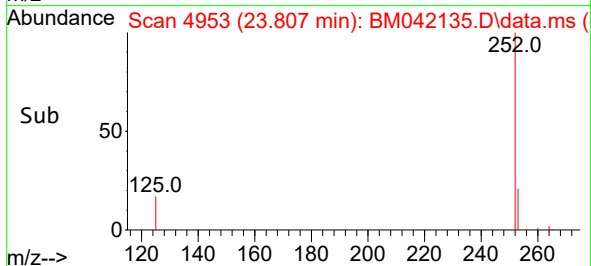
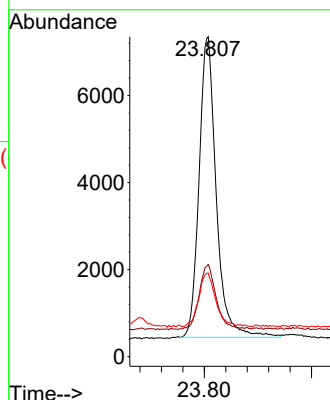
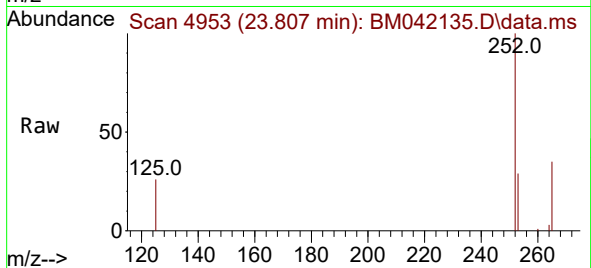
Tgt Ion:252 Resp: 15321

Ion Ratio Lower Upper

252 100

253 28.8 23.2 34.8

125 26.1 22.5 33.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.391 ng/ul

RT: 26.401 min Scan# 5779

Delta R.T. -0.003 min

Lab File: BM042135.D

Acq: 29 Sep 2023 03:28

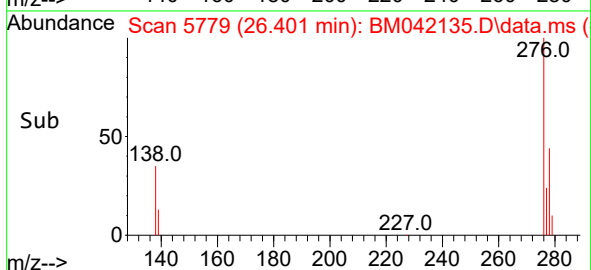
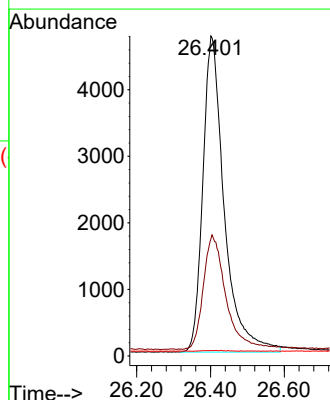
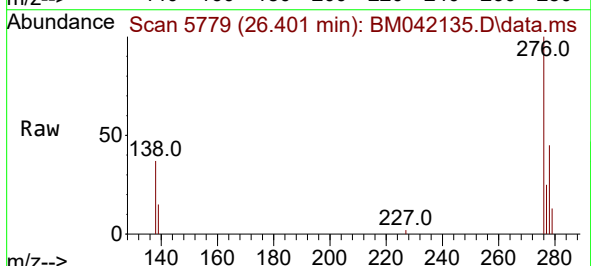
Tgt Ion:276 Resp: 19068

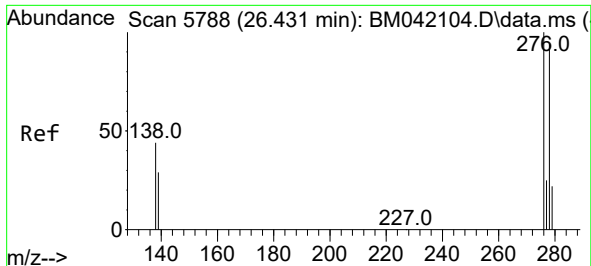
Ion Ratio Lower Upper

276 100

138 38.4 32.1 48.1

227 0.0 0.2 0.2#

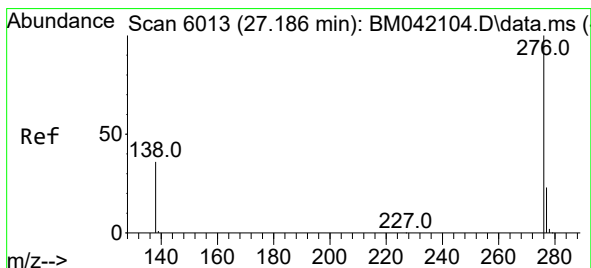
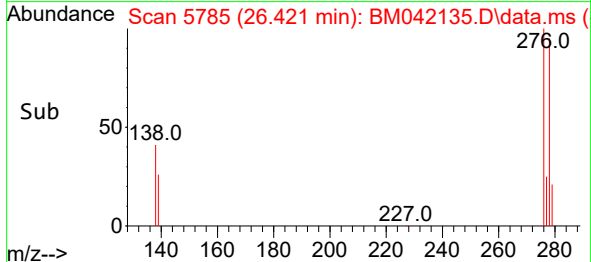
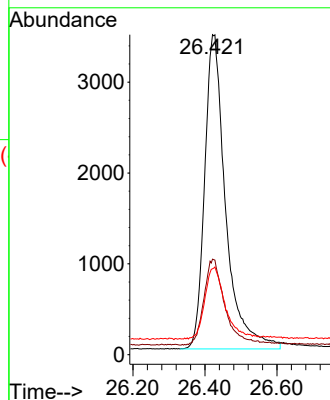
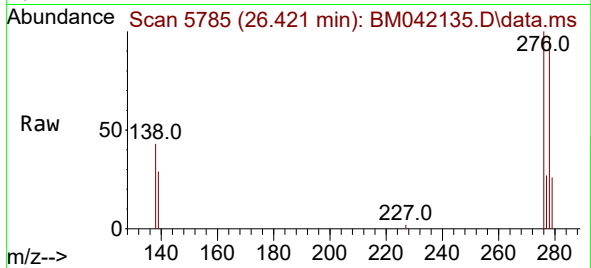




#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 26.421 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM042135.D
Acq: 29 Sep 2023 03:28

Instrument :
BNA_M
ClientSampleId :
SLCS824

Tgt Ion:278 Resp: 14025
Ion Ratio Lower Upper
278 100
139 29.8 25.0 37.6
279 26.8 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.393 ng/ul
RT: 27.176 min Scan# 6010
Delta R.T. -0.003 min
Lab File: BM042135.D
Acq: 29 Sep 2023 03:28

Tgt Ion:276 Resp: 16155
Ion Ratio Lower Upper
276 100
138 35.4 29.0 43.4
277 24.4 19.6 29.4

