

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
 Data File : BM042019.D
 Acq On : 23 Sep 2023 11:13
 Operator : MA/JU
 Sample : PB155517BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS517

Quant Time: Sep 25 01:04:29 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 22 13:50:58 2023
 Response via : Initial Calibration

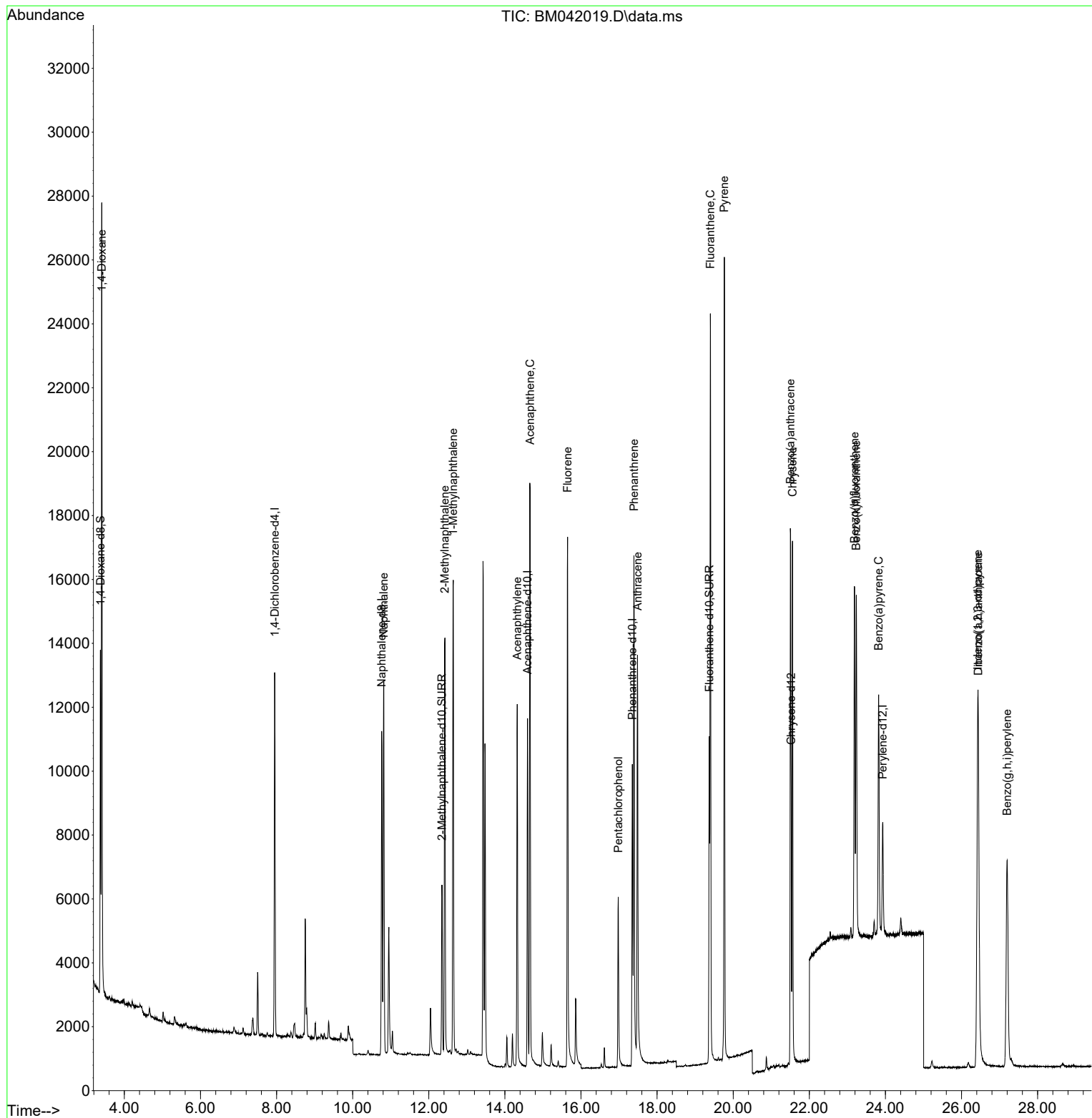
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	5691	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	13058	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	5662	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	10680	0.400	ng/ul	0.00
17) Chrysene-d12	21.521	240	4717	0.400	ng/ul	0.00
23) Perylene-d12	23.927	264	4922	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	5967	0.769	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	6854	0.419	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	8705	0.448	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	14355	1.759	ng/ul#	87
5) Naphthalene	10.818	128	16311	0.373	ng/ul	100
7) 2-Methylnaphthalene	12.423	142	9560	0.367	ng/ul	99
8) 1-Methylnaphthalene	12.643	142	10176	0.384	ng/ul	100
10) Acenaphthylene	14.324	152	13875	0.366	ng/ul	100
11) Acenaphthene	14.661	153	10736	0.369	ng/ul	99
12) Fluorene	15.647	166	11822	0.361	ng/ul	100
14) Pentachlorophenol	16.978	266	3842	0.680	ng/ul	99
15) Phenanthrene	17.392	178	18088	0.365	ng/ul	99
16) Anthracene	17.485	178	15990	0.374	ng/ul	100
19) Fluoranthene	19.399	202	19606	0.368	ng/ul	97
20) Pyrene	19.766	202	20175	0.385	ng/ul	99
21) Benzo(a)anthracene	21.504	228	13639	0.381	ng/ul	99
22) Chrysene	21.559	228	14080	0.381	ng/ul	99
24) Benzo(b)fluoranthene	23.187	252	14202	0.375	ng/ul	97
25) Benzo(k)fluoranthene	23.237	252	13998	0.380	ng/ul	97
26) Benzo(a)pyrene	23.822	252	12053	0.387	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.424	276	16821	0.393	ng/ul	99
28) Dibenzo(a,h)anthracene	26.441	278	12000	0.388	ng/ul	98
29) Benzo(g,h,i)perylene	27.199	276	14448	0.402	ng/ul	98

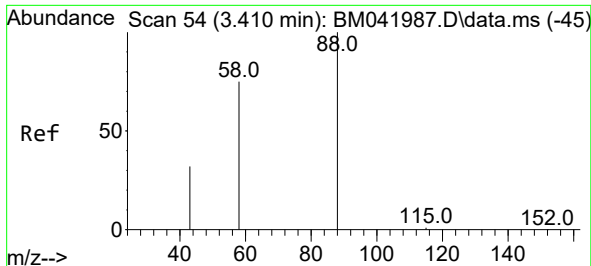
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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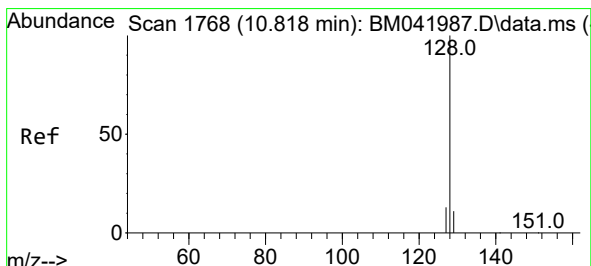
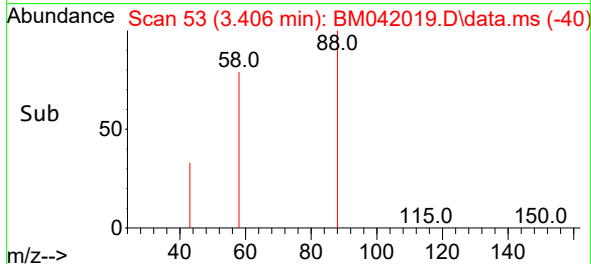
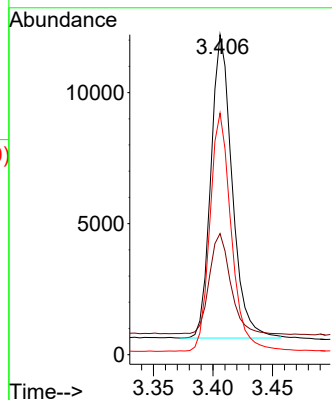
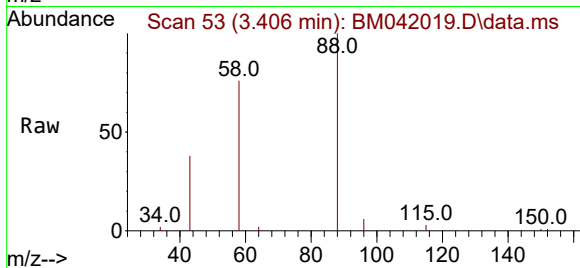




#2
1,4-Dioxane
Concen: 1.759 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

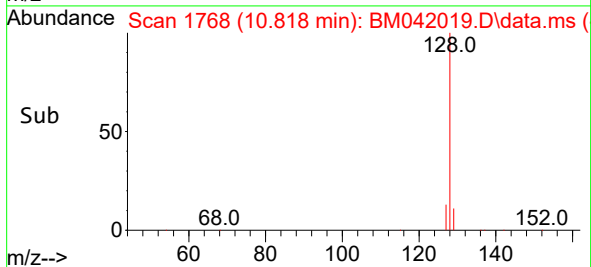
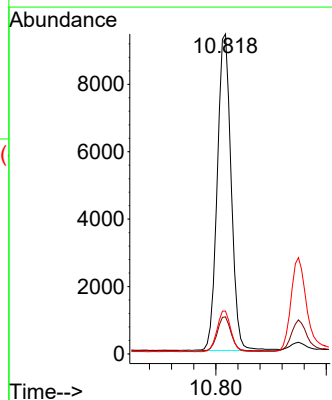
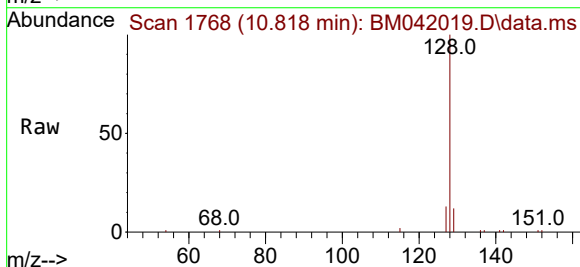
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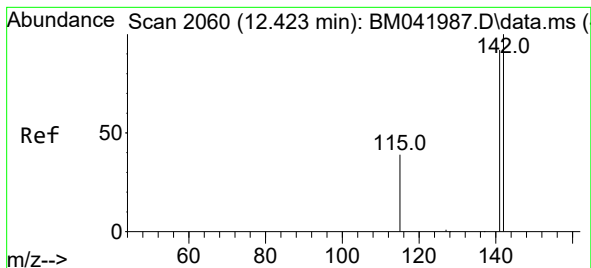
Tgt Ion: 88 Resp: 14355
Ion Ratio Lower Upper
88 100
43 37.9 42.9 64.3#
58 75.5 56.4 84.6



#5
Naphthalene
Concen: 0.373 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion: 128 Resp: 16311
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.4 10.8 16.2

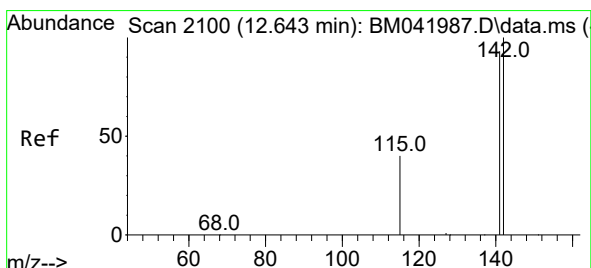
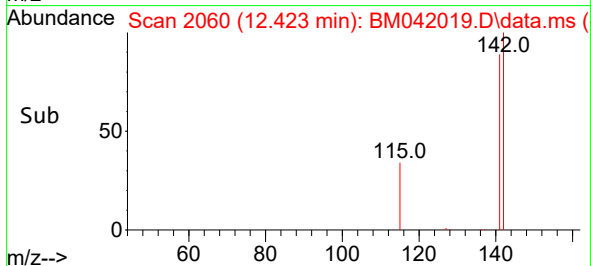
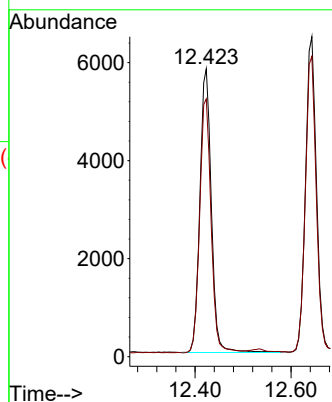
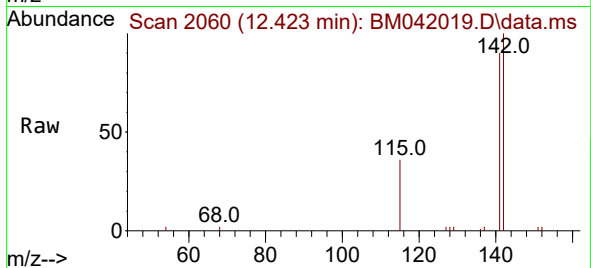




#7
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.423 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

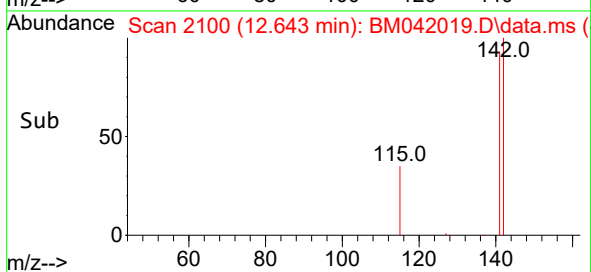
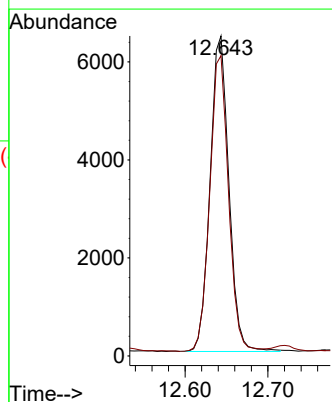
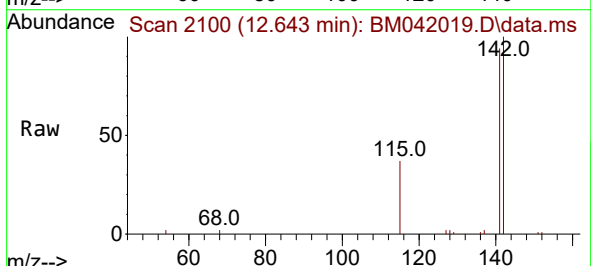
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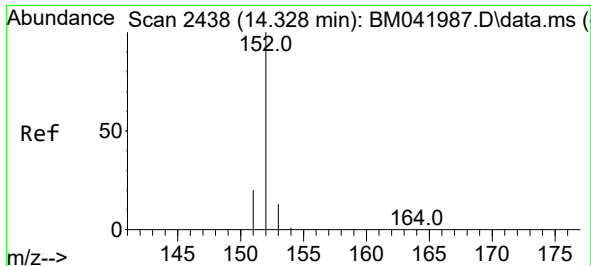
Tgt Ion:142 Resp: 9560
Ion Ratio Lower Upper
142 100
141 89.4 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.643 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:142 Resp: 10176
Ion Ratio Lower Upper
142 100
141 93.4 75.1 112.7

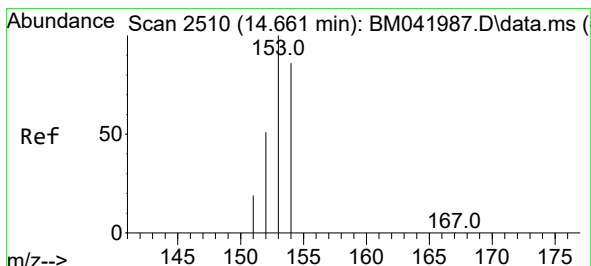
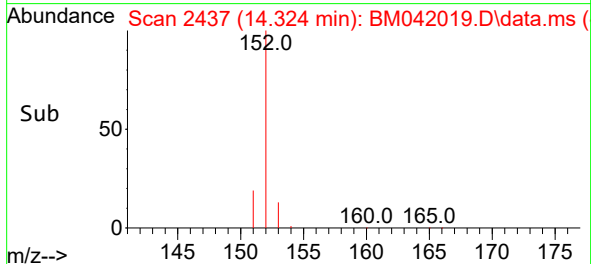
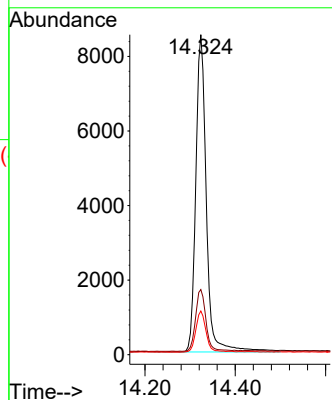
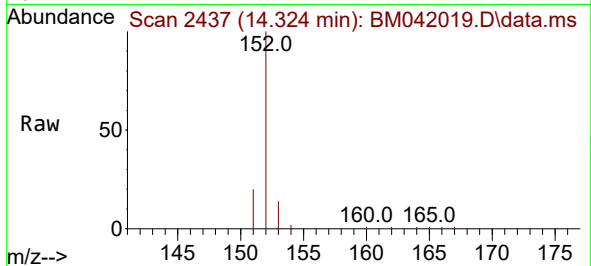




#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 14.324 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

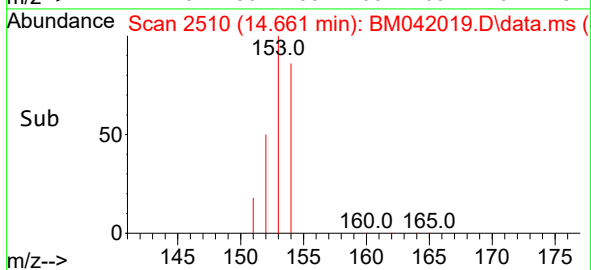
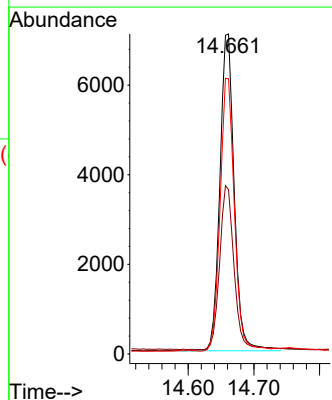
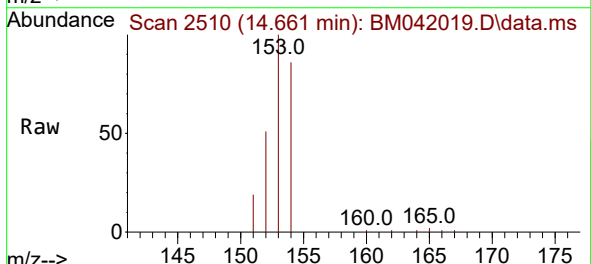
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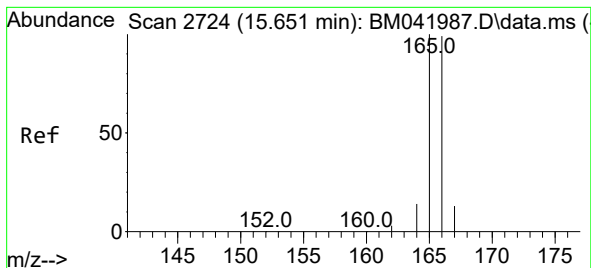
Tgt Ion:152 Resp: 13875
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.7 10.8 16.2



#11
Acenaphthene
Concen: 0.369 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:153 Resp: 10736
Ion Ratio Lower Upper
153 100
152 51.4 41.8 62.8
154 86.0 69.0 103.6





#12

Fluorene

Concen: 0.361 ng/ul

RT: 15.647 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM042019.D

Acq: 23 Sep 2023 11:13

Instrument :

BNA_M

ClientSampleId :

SLCS517

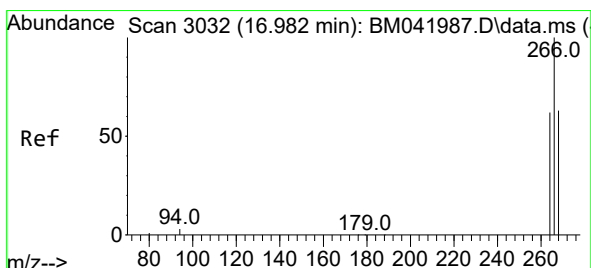
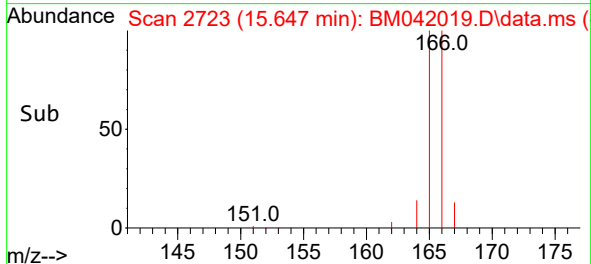
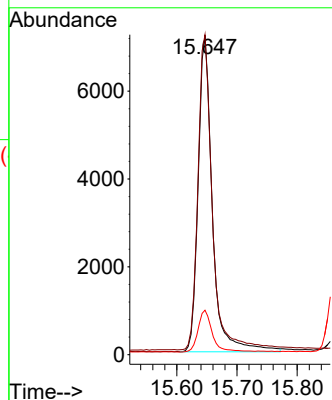
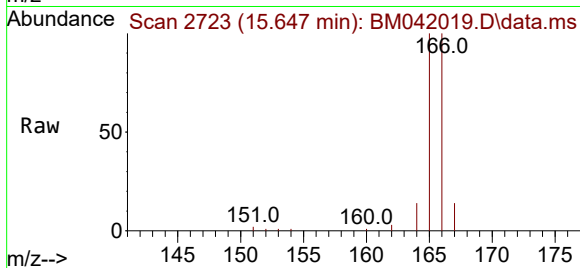
Tgt Ion:166 Resp: 11822

Ion Ratio Lower Upper

166 100

165 100.2 79.8 119.8

167 13.9 11.1 16.7



#14

Pentachlorophenol

Concen: 0.680 ng/ul

RT: 16.978 min Scan# 3031

Delta R.T. -0.004 min

Lab File: BM042019.D

Acq: 23 Sep 2023 11:13

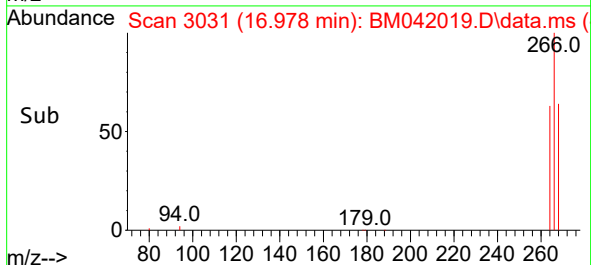
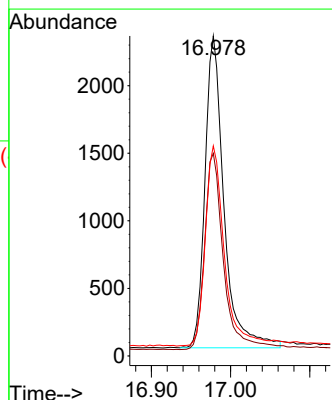
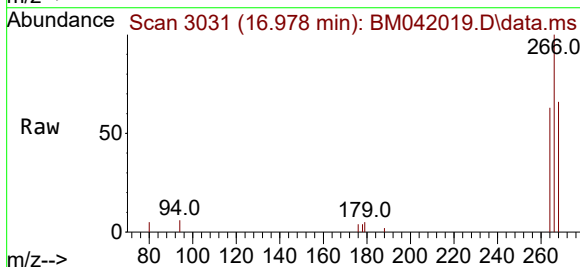
Tgt Ion:266 Resp: 3842

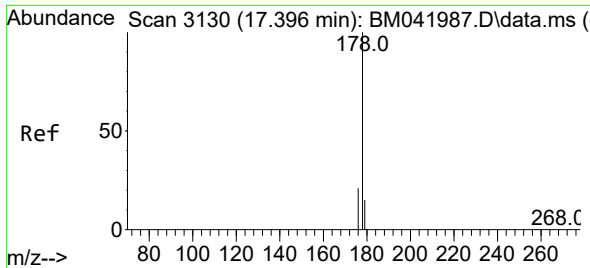
Ion Ratio Lower Upper

266 100

264 62.5 50.2 75.4

268 64.9 51.0 76.4

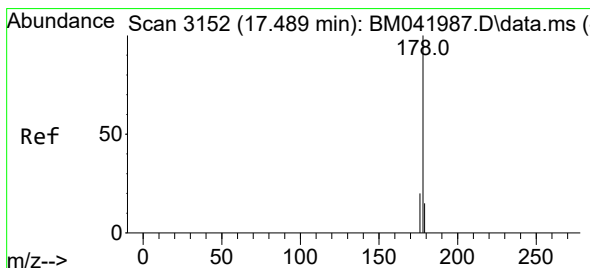
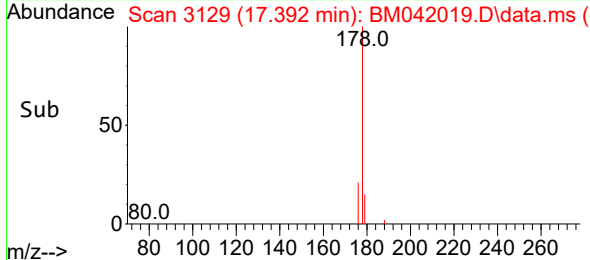
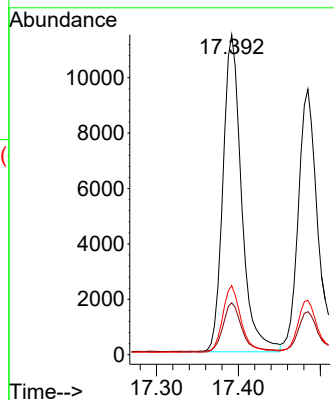
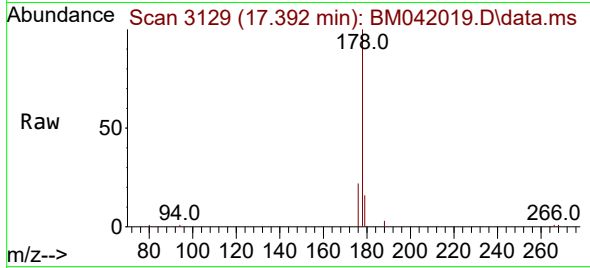




#15
Phenanthrene
Concen: 0.365 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

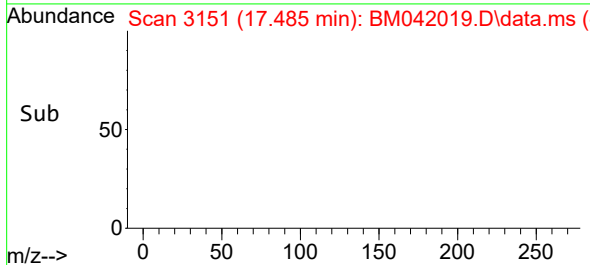
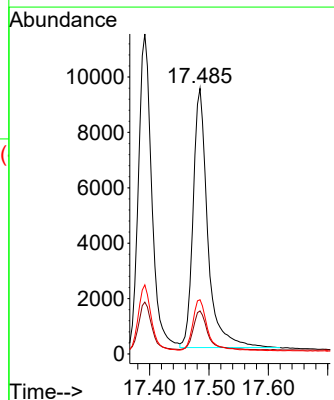
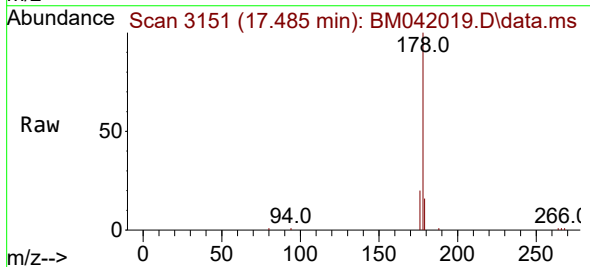
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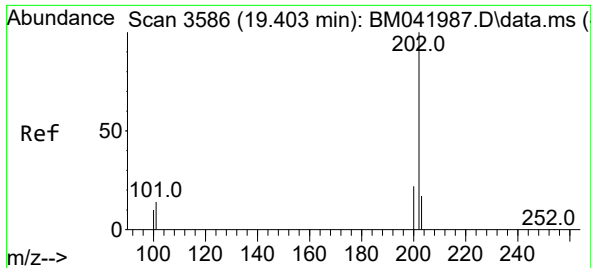
Tgt Ion:178 Resp: 18088
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 21.6 16.6 24.8



#16
Anthracene
Concen: 0.374 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:178 Resp: 15990
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 20.4 16.2 24.2

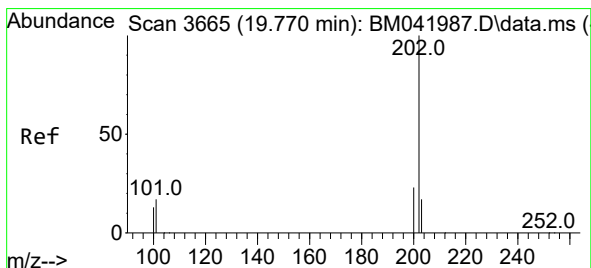
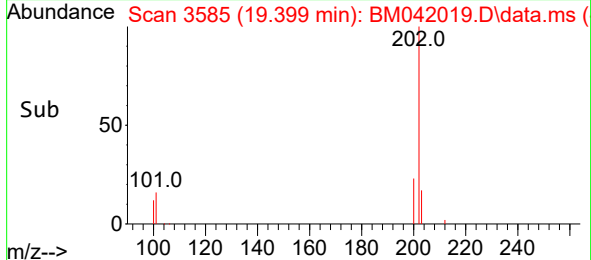
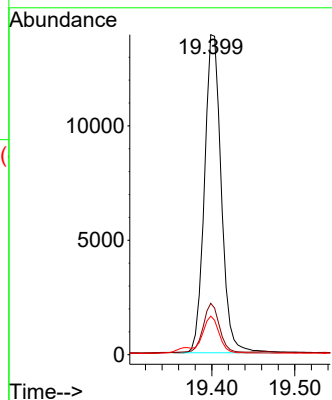
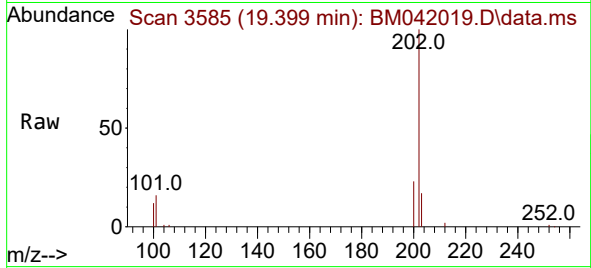




#19
Fluoranthene
Concen: 0.368 ng/ul
RT: 19.399 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

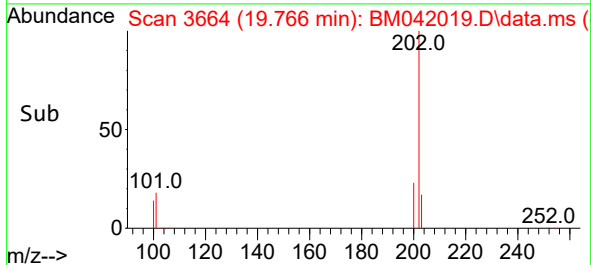
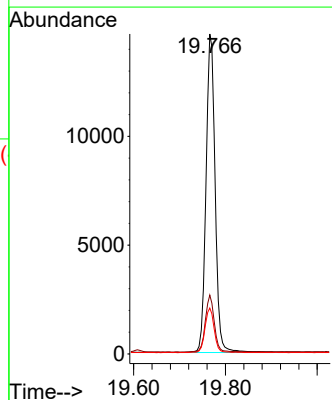
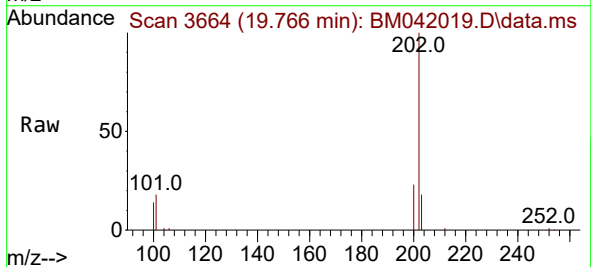
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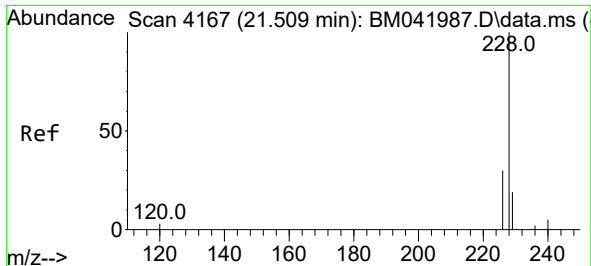
Tgt Ion:202 Resp: 19606
Ion Ratio Lower Upper
202 100
101 16.0 11.8 17.6
100 12.0 9.1 13.7



#20
Pyrene
Concen: 0.385 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:202 Resp: 20175
Ion Ratio Lower Upper
202 100
101 18.4 14.1 21.1
100 14.3 11.4 17.0

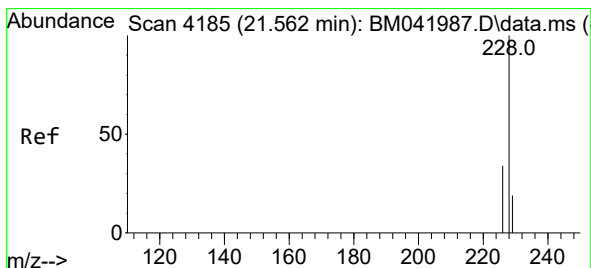
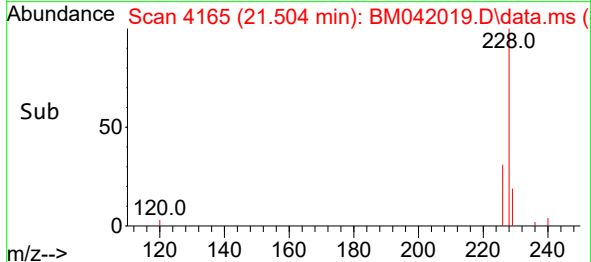
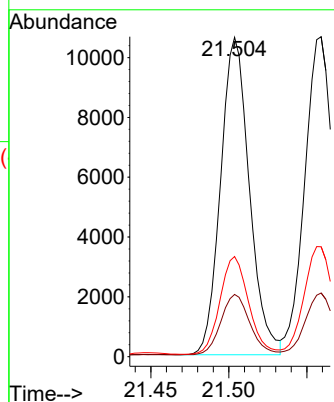
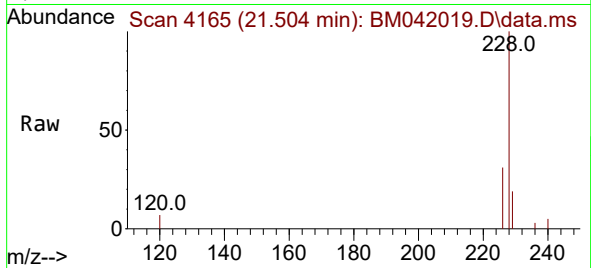




#21
Benzo(a)anthracene
Concen: 0.381 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

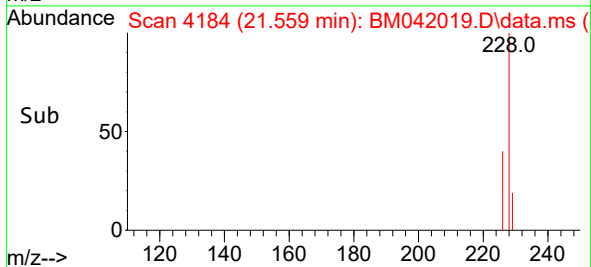
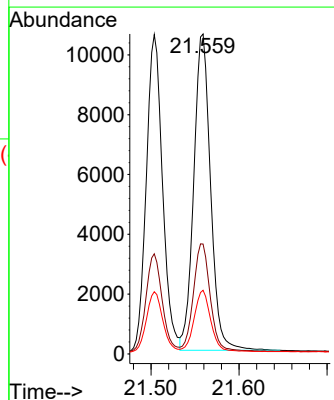
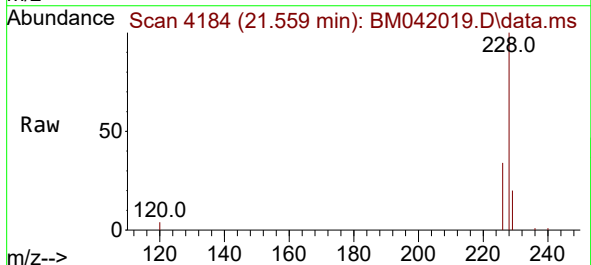
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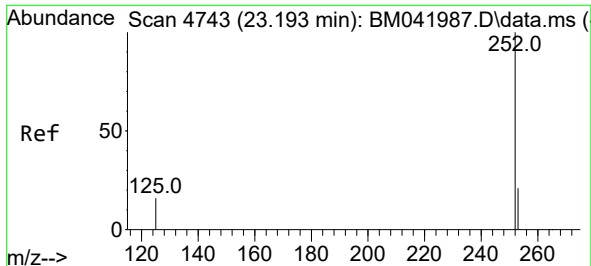
Tgt Ion:228 Resp: 13639
Ion Ratio Lower Upper
228 100
229 19.5 15.5 23.3
226 31.4 24.8 37.2



#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.559 min Scan# 4184
Delta R.T. -0.003 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:228 Resp: 14080
Ion Ratio Lower Upper
228 100
226 34.4 27.8 41.6
229 19.9 15.6 23.4

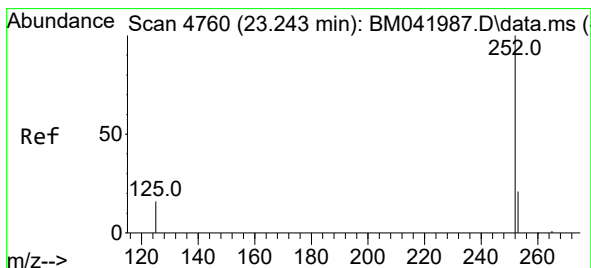
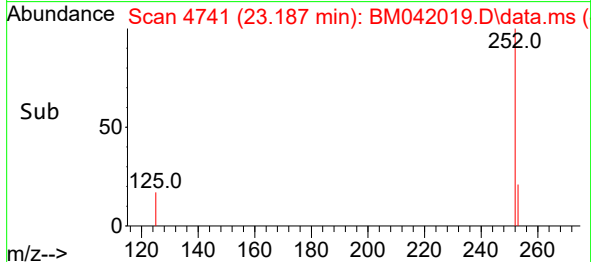
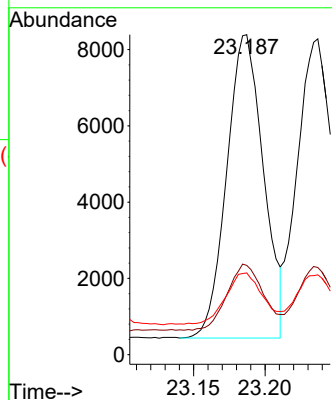
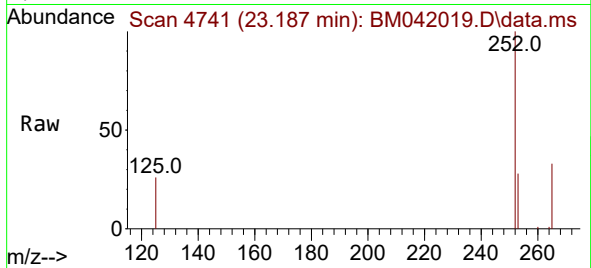




#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.187 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

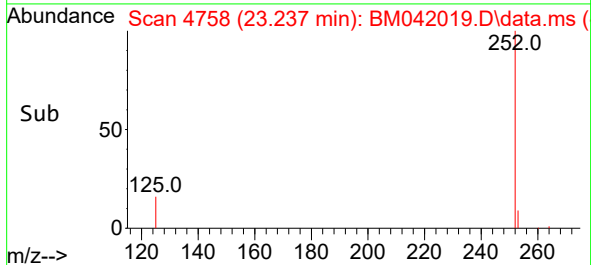
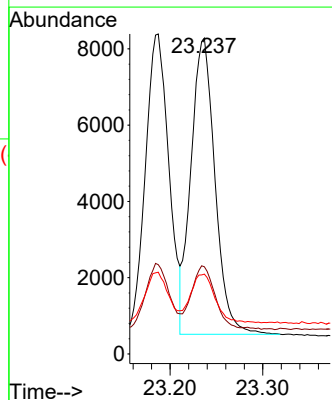
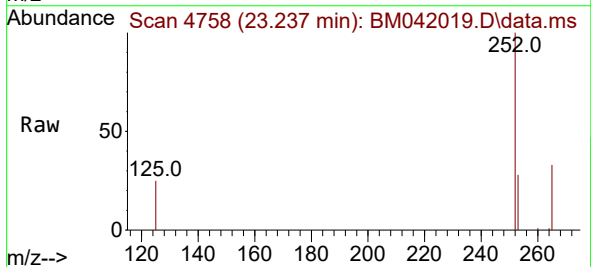
Instrument :
BNA_M
ClientSampleId :
SLCS517

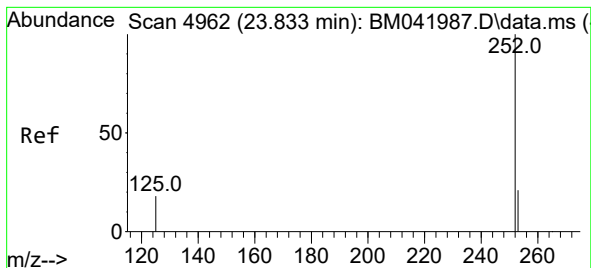
Tgt Ion:252 Resp: 14202
Ion Ratio Lower Upper
252 100
253 27.9 0.0 54.4
125 25.5 0.0 46.2



#25
Benzo(k)fluoranthene
Concen: 0.380 ng/ul
RT: 23.237 min Scan# 4758
Delta R.T. -0.003 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:252 Resp: 13998
Ion Ratio Lower Upper
252 100
253 27.6 21.0 31.6
125 25.3 19.0 28.6





#26

Benzo(a)pyrene

Concen: 0.387 ng/ul

RT: 23.822 min Scan# 4958

Delta R.T. -0.006 min

Lab File: BM042019.D

Acq: 23 Sep 2023 11:13

Instrument :

BNA_M

ClientSampleId :

SLCS517

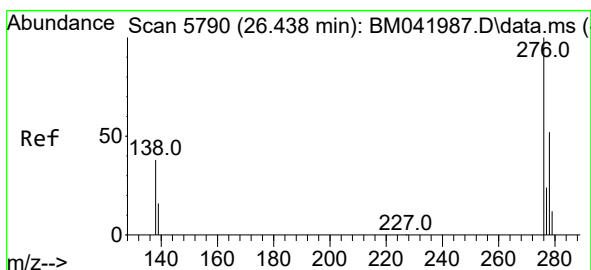
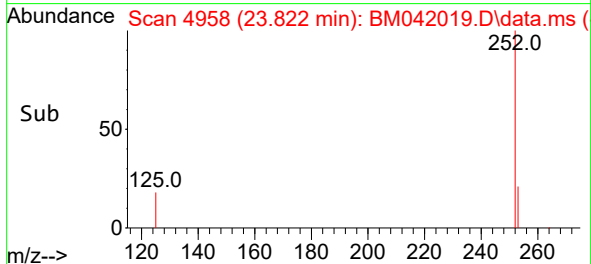
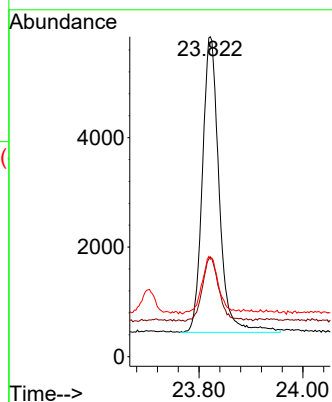
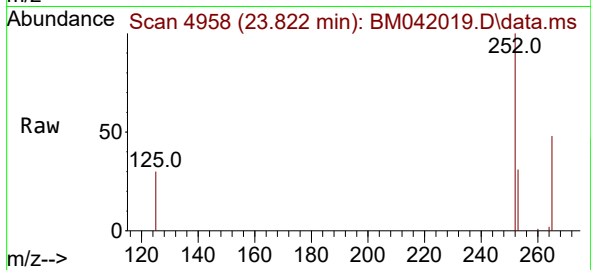
Tgt Ion:252 Resp: 12053

Ion Ratio Lower Upper

252 100

253 31.2 23.2 34.8

125 30.5 22.5 33.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.393 ng/ul

RT: 26.424 min Scan# 5786

Delta R.T. -0.007 min

Lab File: BM042019.D

Acq: 23 Sep 2023 11:13

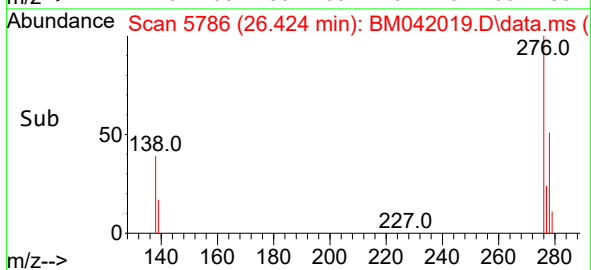
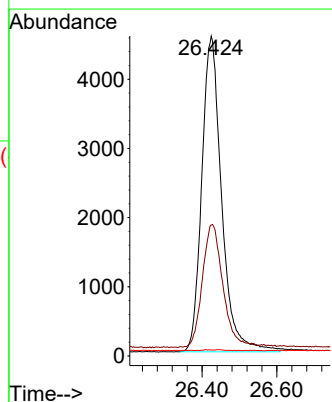
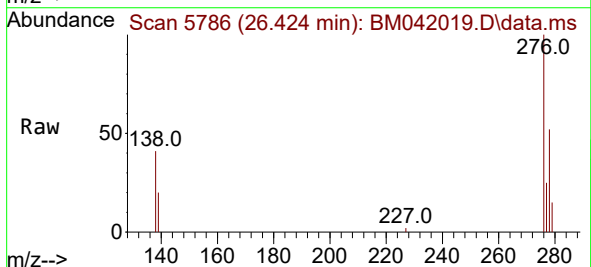
Tgt Ion:276 Resp: 16821

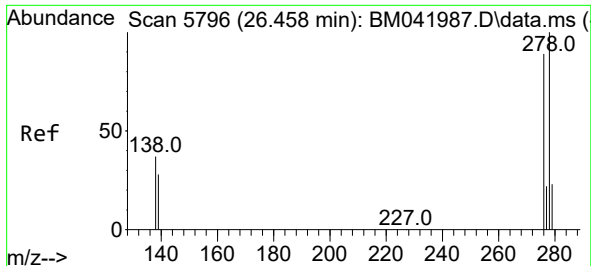
Ion Ratio Lower Upper

276 100

138 40.6 32.1 48.1

227 0.2 0.2 0.2

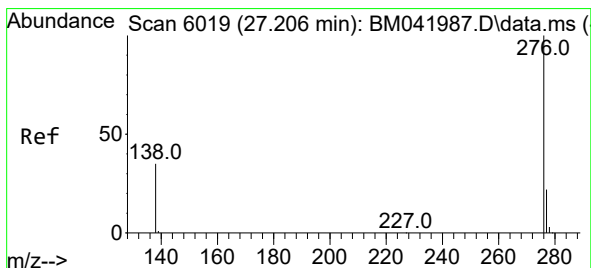
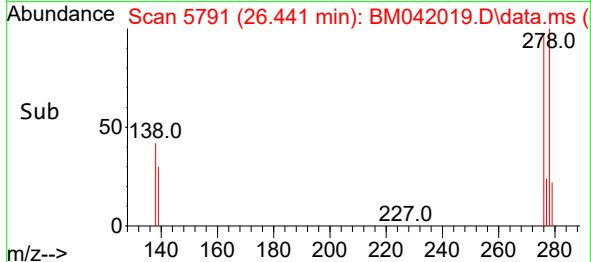
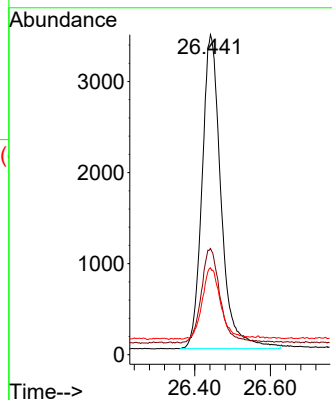
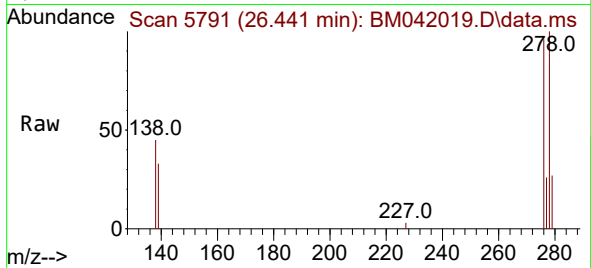




#28
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul
RT: 26.441 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Instrument :
BNA_M
ClientSampleId :
SLCS517

Tgt Ion:278 Resp: 12000
Ion Ratio Lower Upper
278 100
139 33.2 25.0 37.6
279 27.1 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 27.199 min Scan# 6017
Delta R.T. -0.010 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:276 Resp: 14448
Ion Ratio Lower Upper
276 100
138 37.5 29.0 43.4
277 25.0 19.6 29.4

