

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
 Data File : BM042191.D
 Acq On : 04 Oct 2023 16:53
 Operator : MA/JU
 Sample : PB155910BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS910

Quant Time: Oct 05 01:54:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 02 19:28:41 2023
 Response via : Initial Calibration

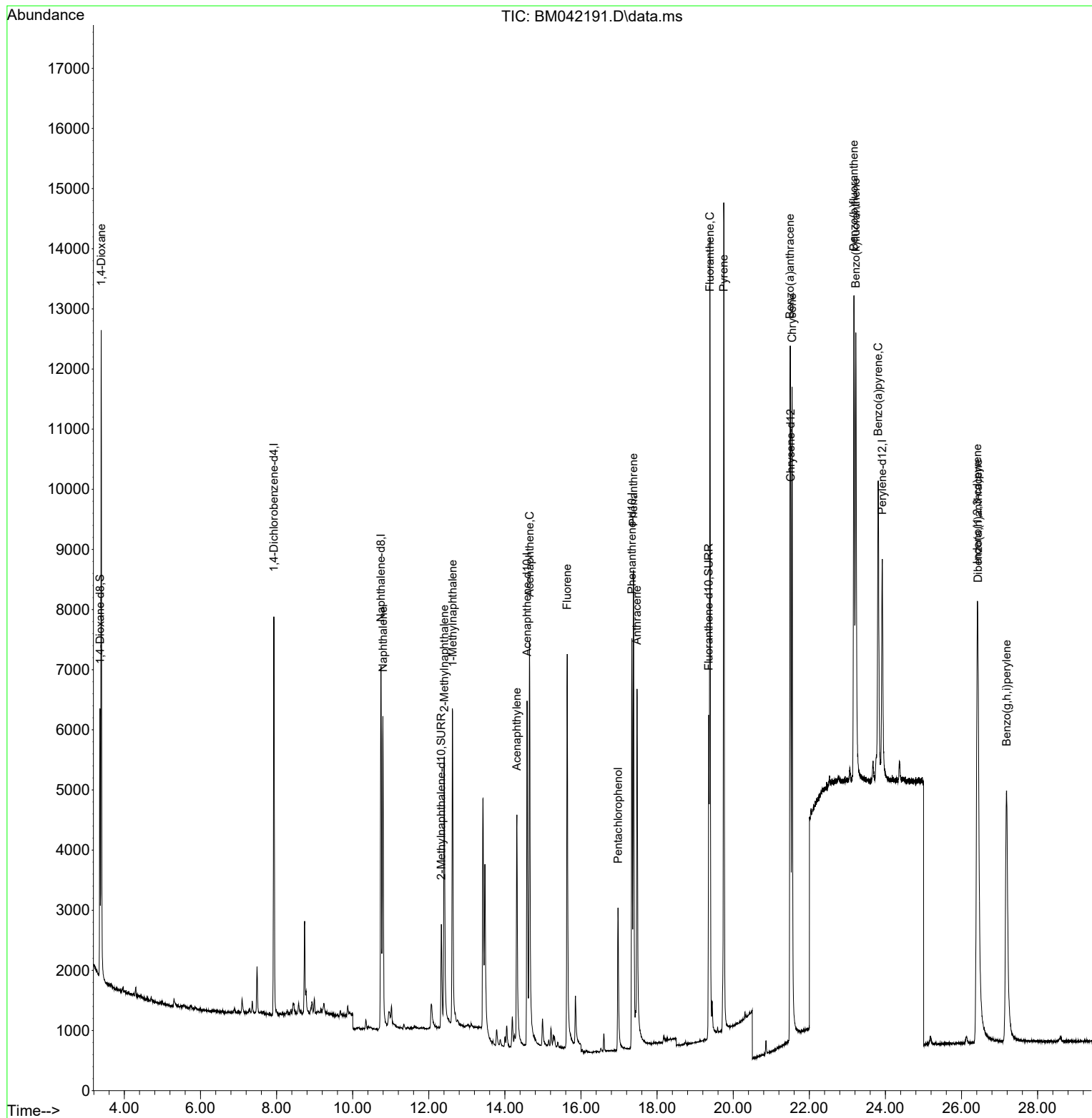
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3407	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	8726	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	3849	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	8315	0.400	ng/ul	0.00
17) Chrysene-d12	21.513	240	5453	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	5547	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	2422	0.534	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	2977	0.249	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	5259	0.257	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	6283	1.326	ng/ul#	79
5) Naphthalene	10.796	128	7473	0.257	ng/ul	98
7) 2-Methylnaphthalene	12.407	142	4291	0.246	ng/ul	96
8) 1-Methylnaphthalene	12.627	142	4301	0.245	ng/ul	97
10) Acenaphthylene	14.315	152	6003	0.247	ng/ul	98
11) Acenaphthene	14.648	153	4802	0.261	ng/ul	99
12) Fluorene	15.638	166	5438	0.262	ng/ul	96
14) Pentachlorophenol	16.974	266	1995	0.529	ng/ul	99
15) Phenanthrene	17.379	178	9248	0.270	ng/ul	99
16) Anthracene	17.472	178	7939	0.253	ng/ul	98
19) Fluoranthene	19.390	202	11497	0.278	ng/ul	97
20) Pyrene	19.752	202	12272	0.279	ng/ul	94
21) Benzo(a)anthracene	21.495	228	9701	0.276	ng/ul	99
22) Chrysene	21.548	228	10543	0.308	ng/ul	99
24) Benzo(b)fluoranthene	23.173	252	11031	0.337	ng/ul	95
25) Benzo(k)fluoranthene	23.222	252	10886	0.338	ng/ul	94
26) Benzo(a)pyrene	23.810	252	9043	0.321	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.414	276	12908	0.323	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.431	278	9458	0.314	ng/ul#	92
29) Benzo(g,h,i)perylene	27.186	276	11144	0.334	ng/ul	95

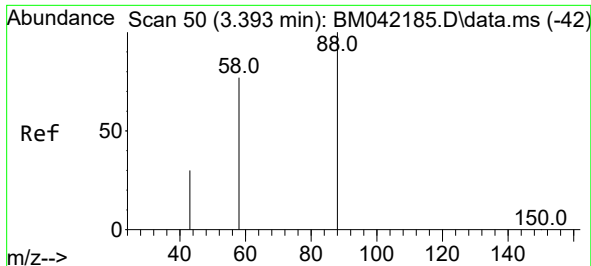
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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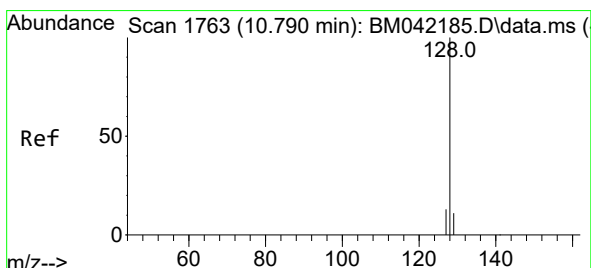
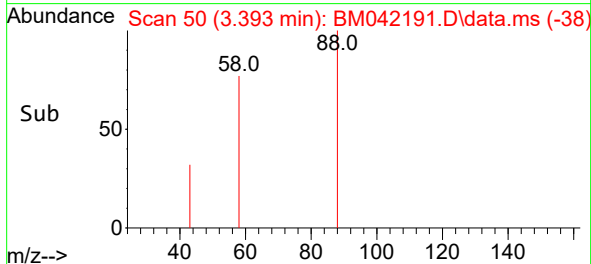
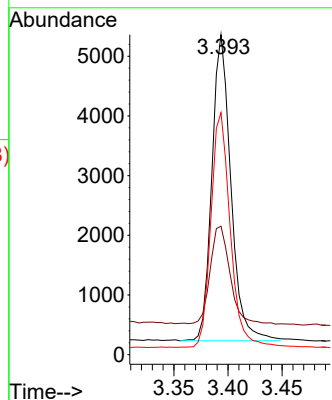
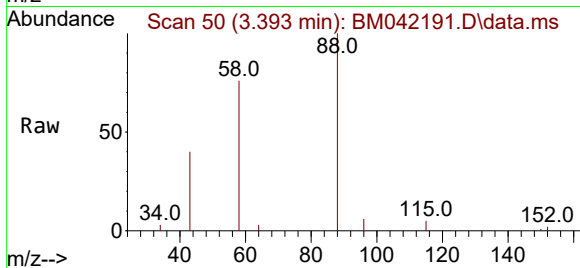




#2
1,4-Dioxane
Concen: 1.326 ng/ul
RT: 3.393 min Scan# 50
Delta R.T. -0.008 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

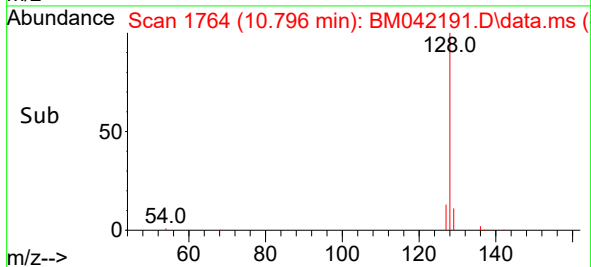
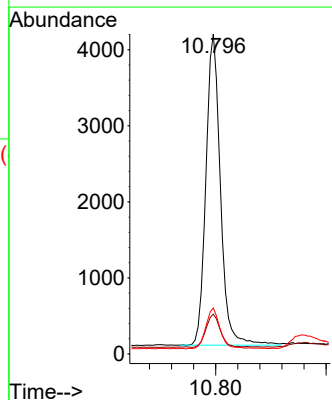
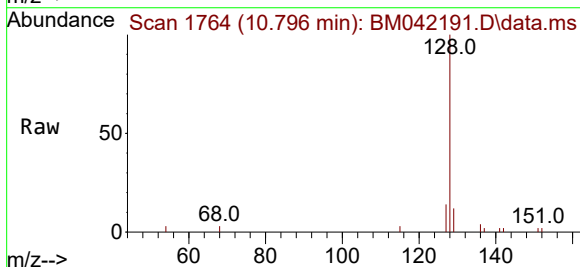
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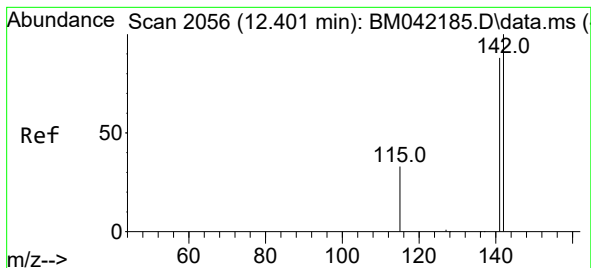
Tgt Ion: 88 Resp: 6283
Ion Ratio Lower Upper
88 100
43 40.2 52.1 78.1#
58 75.7 53.8 80.6



#5
Naphthalene
Concen: 0.257 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.005 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

Tgt Ion: 128 Resp: 7473
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.2
127 14.4 11.0 16.4

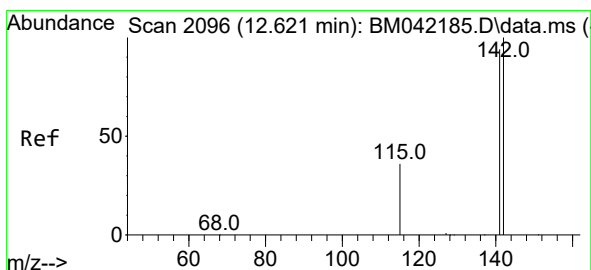
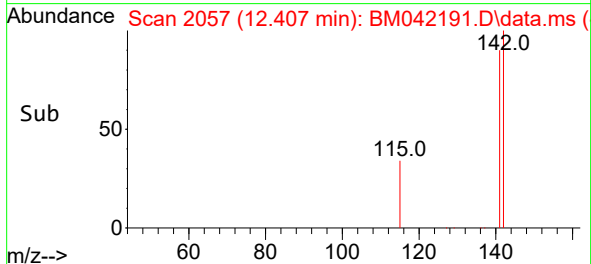
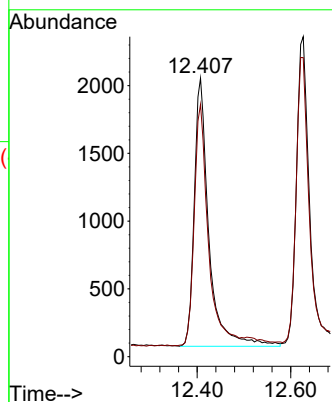
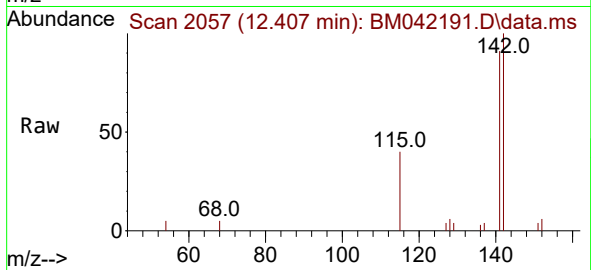




#7
2-Methylnaphthalene
Concen: 0.246 ng/ul
RT: 12.407 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

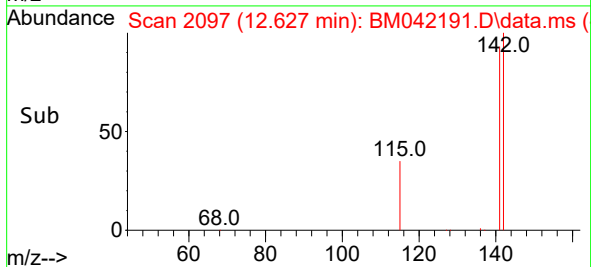
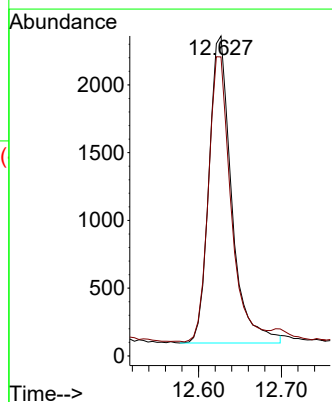
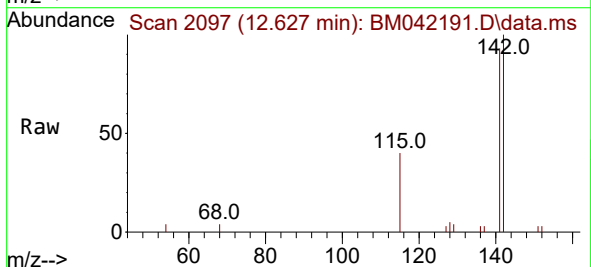
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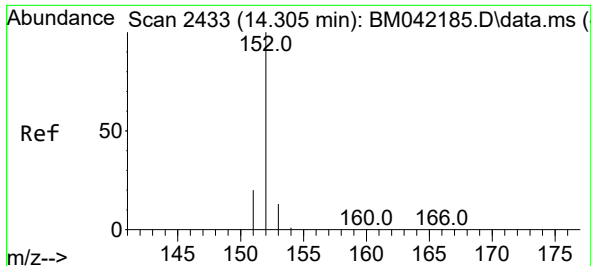
Tgt Ion:142 Resp: 4291
Ion Ratio Lower Upper
142 100
141 91.8 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.245 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

Tgt Ion:142 Resp: 4301
Ion Ratio Lower Upper
142 100
141 94.7 73.5 110.3

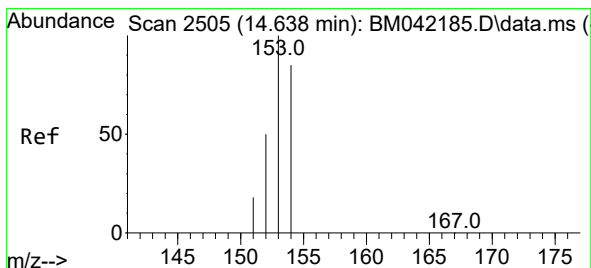
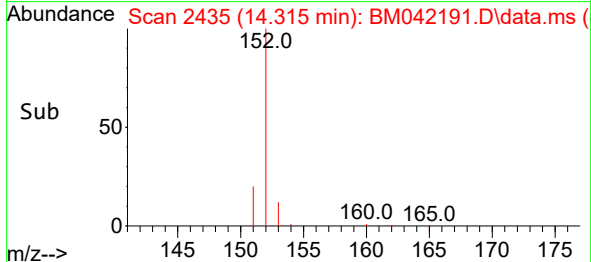
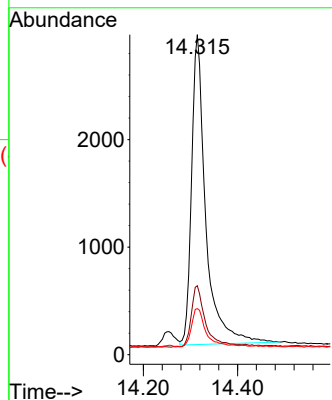
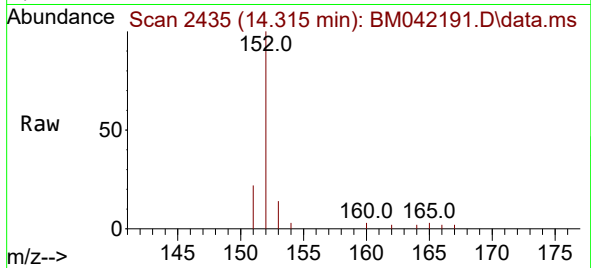




#10
Acenaphthylene
Concen: 0.247 ng/ul
RT: 14.315 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

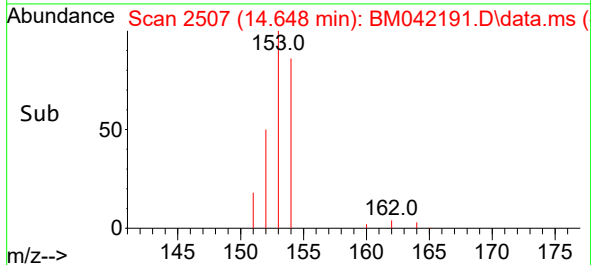
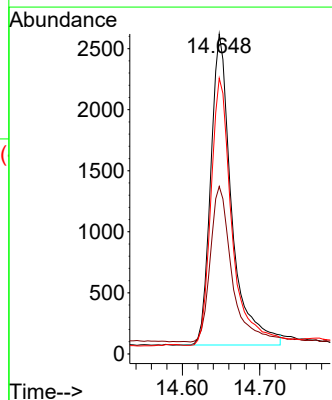
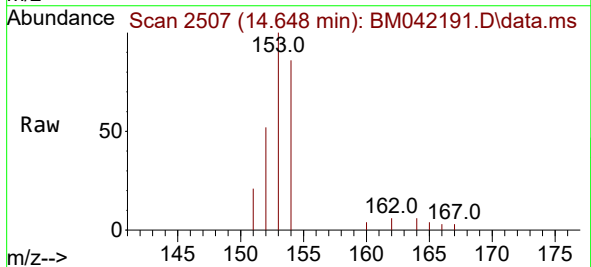
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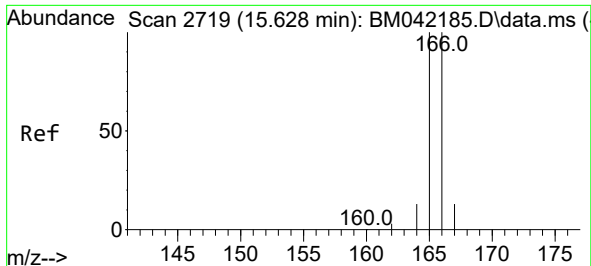
Tgt Ion:152 Resp: 6003
Ion Ratio Lower Upper
152 100
151 21.6 16.4 24.6
153 14.4 10.9 16.3



#11
Acenaphthene
Concen: 0.261 ng/ul
RT: 14.648 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

Tgt Ion:153 Resp: 4802
Ion Ratio Lower Upper
153 100
152 52.3 41.1 61.7
154 86.2 69.5 104.3

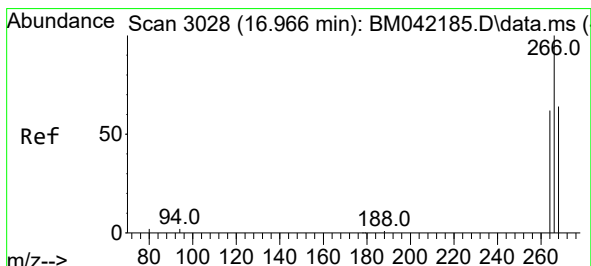
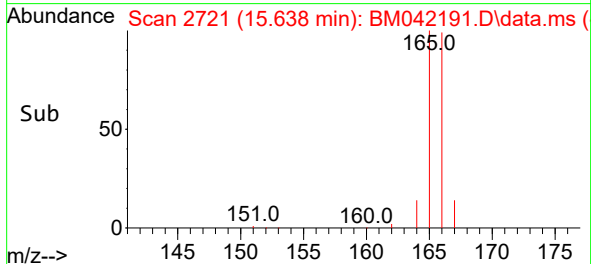
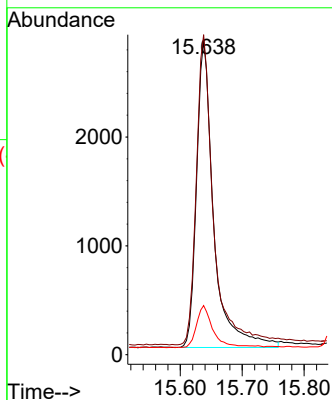
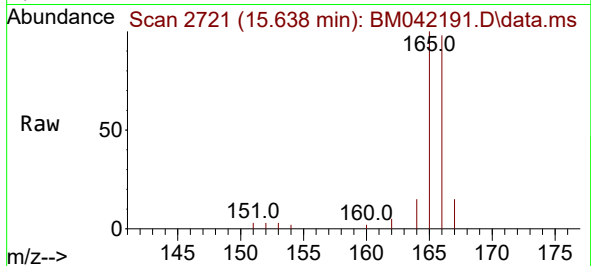




#12
Fluorene
Concen: 0.262 ng/ul
RT: 15.638 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

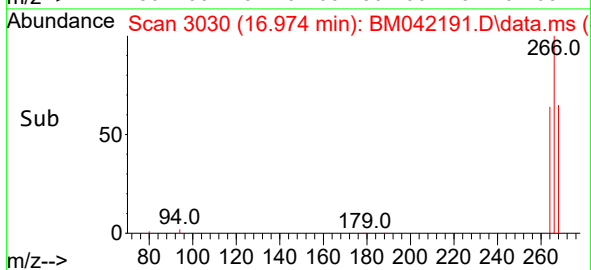
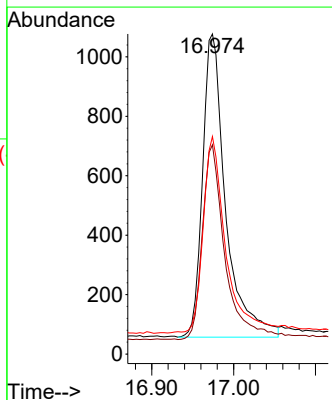
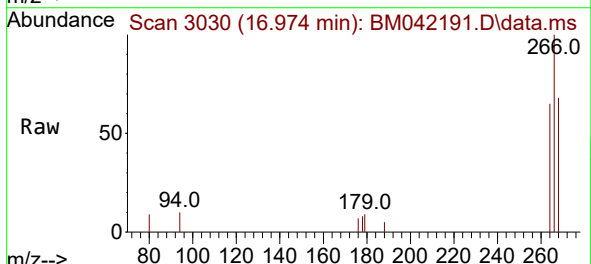
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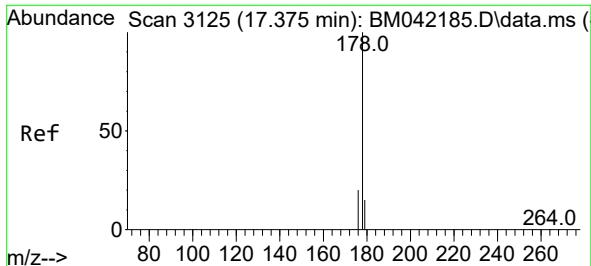
Tgt Ion:166 Resp: 5438
Ion Ratio Lower Upper
166 100
165 101.7 78.4 117.6
167 15.6 11.5 17.3



#14
Pentachlorophenol
Concen: 0.529 ng/ul
RT: 16.974 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

Tgt Ion:266 Resp: 1995
Ion Ratio Lower Upper
266 100
264 62.8 51.1 76.7
268 63.9 52.1 78.1

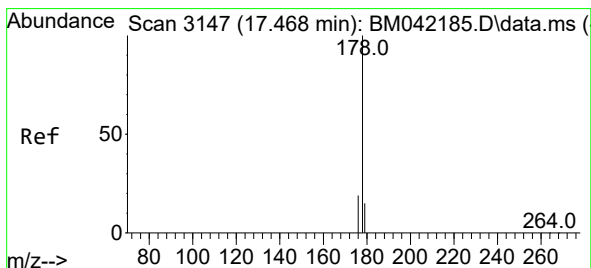
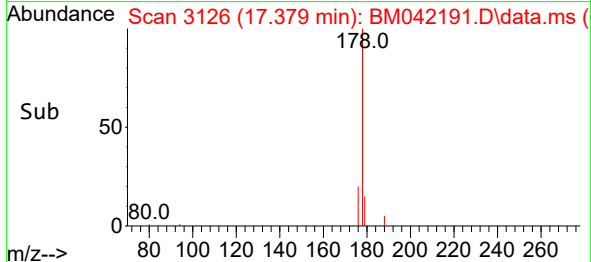
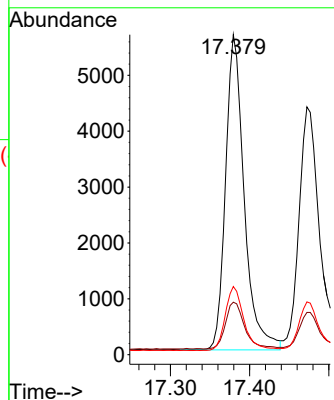
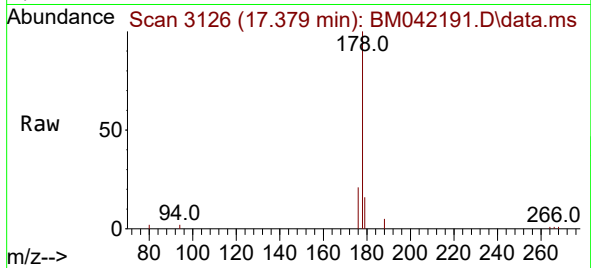




#15
Phenanthrene
Concen: 0.270 ng/ul
RT: 17.379 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

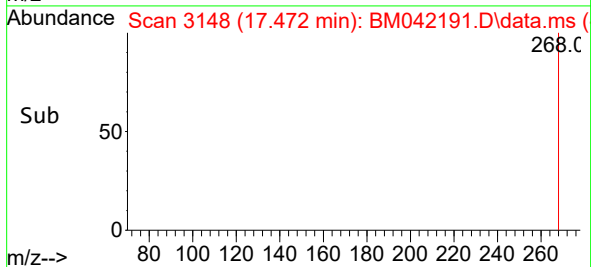
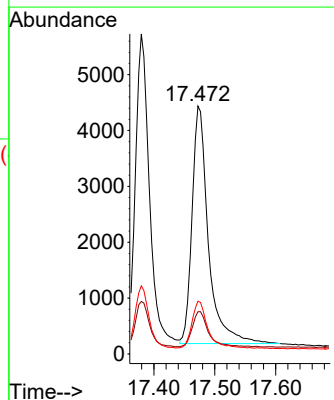
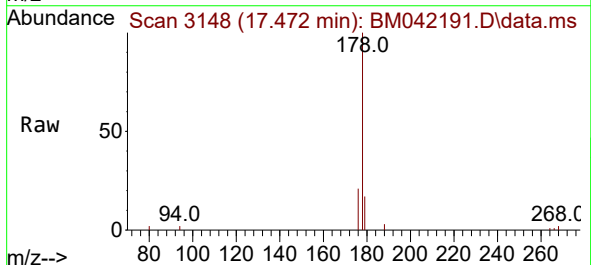
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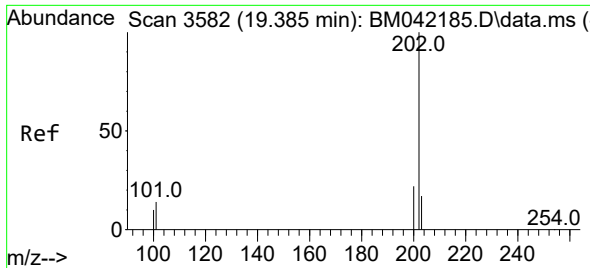
Tgt Ion:178 Resp: 9248
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 21.3 16.8 25.2



#16
Anthracene
Concen: 0.253 ng/ul
RT: 17.472 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

Tgt Ion:178 Resp: 7939
Ion Ratio Lower Upper
178 100
179 17.1 12.9 19.3
176 21.3 16.3 24.5

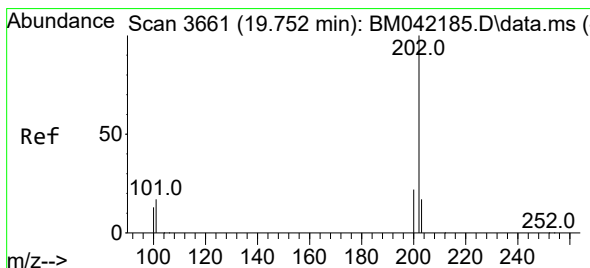
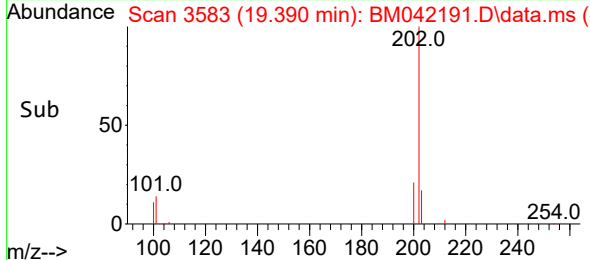
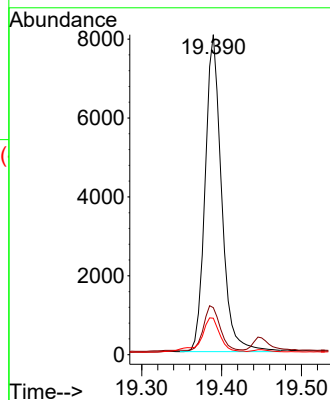
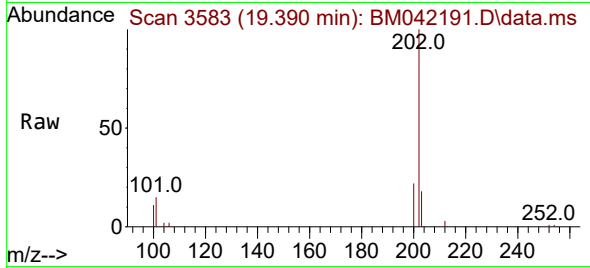




#19
Fluoranthene
Concen: 0.278 ng/ul
RT: 19.390 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

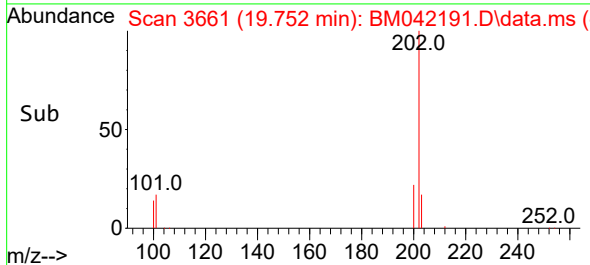
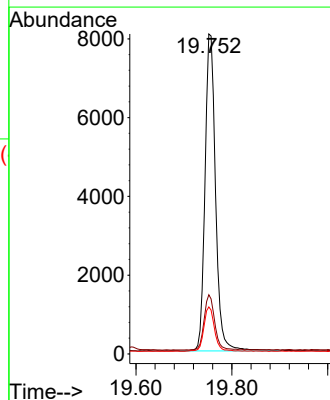
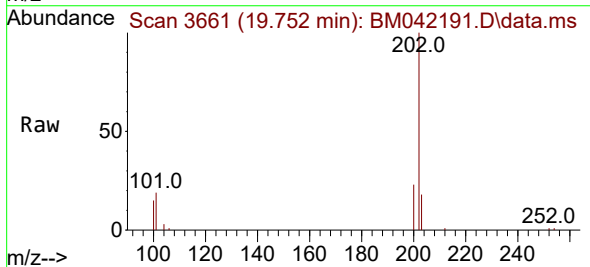
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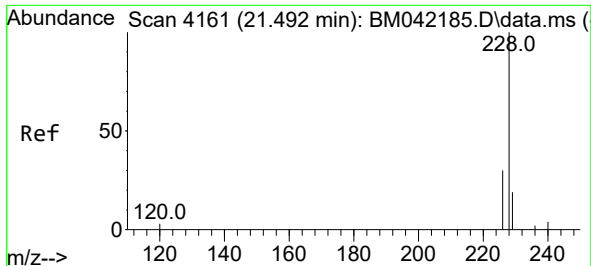
Tgt Ion:202 Resp: 11497
Ion Ratio Lower Upper
202 100
101 14.7 11.1 16.7
100 11.4 8.2 12.2



#20
Pyrene
Concen: 0.279 ng/ul
RT: 19.752 min Scan# 3661
Delta R.T. -0.009 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

Tgt Ion:202 Resp: 12272
Ion Ratio Lower Upper
202 100
101 18.5 12.7 19.1
100 14.7 9.9 14.9

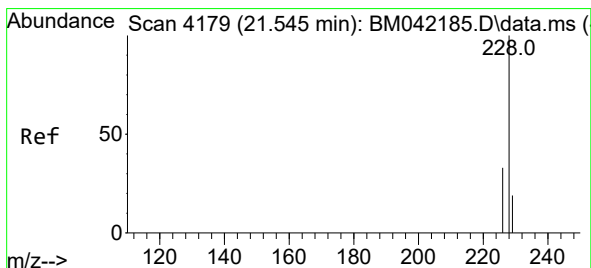
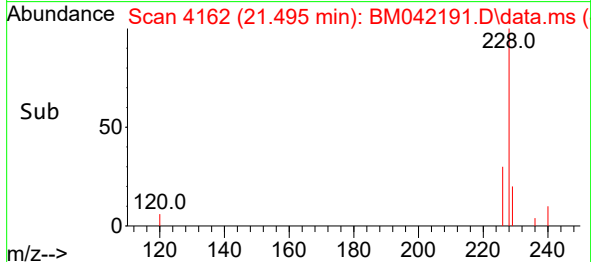
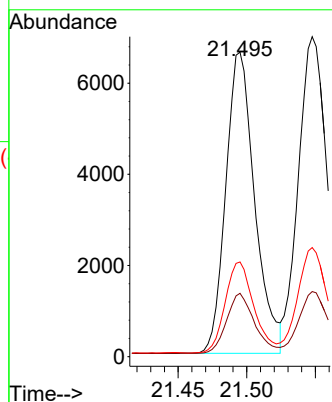
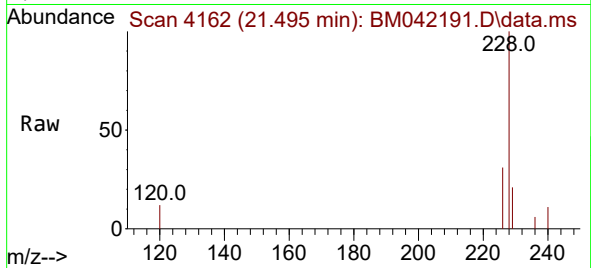




#21
Benzo(a)anthracene
Concen: 0.276 ng/ul
RT: 21.495 min Scan# 4161
Delta R.T. -0.003 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

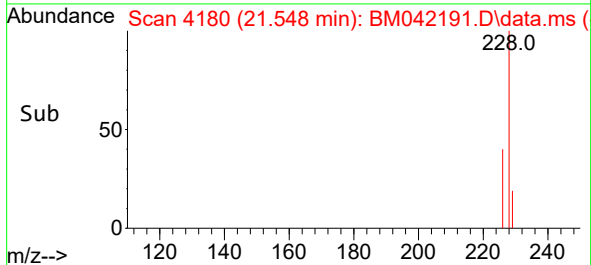
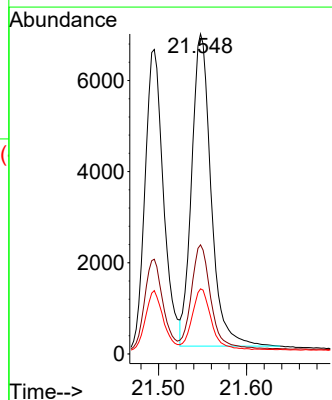
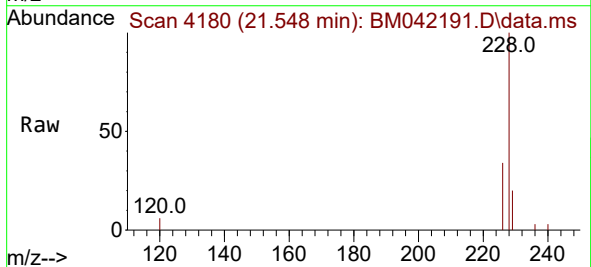
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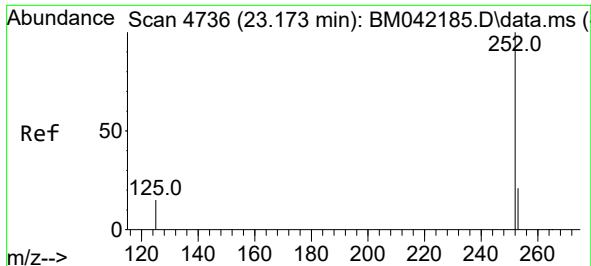
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Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 31.1 24.6 37.0



#22
Chrysene
Concen: 0.308 ng/ul
RT: 21.548 min Scan# 4180
Delta R.T. -0.006 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

Tgt Ion:228 Resp: 10543
Ion Ratio Lower Upper
228 100
226 34.1 26.7 40.1
229 20.4 15.8 23.8

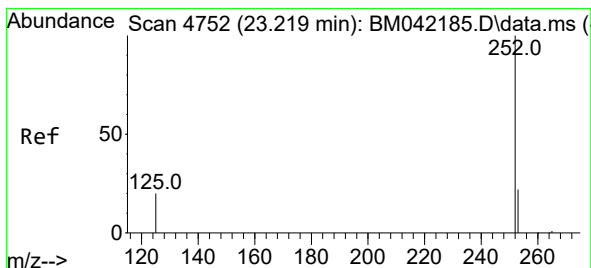
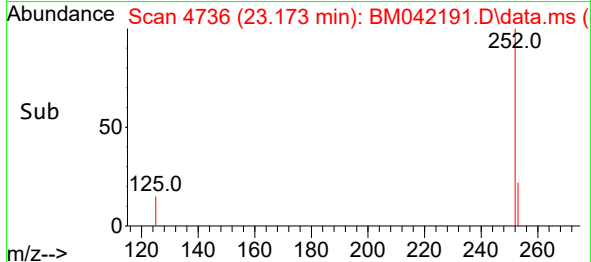
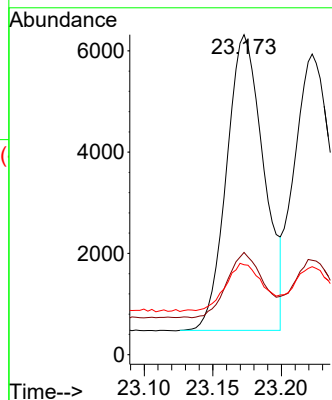
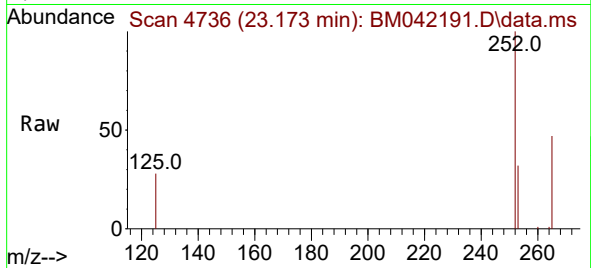




#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.173 min Scan# 4736
Delta R.T. -0.006 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

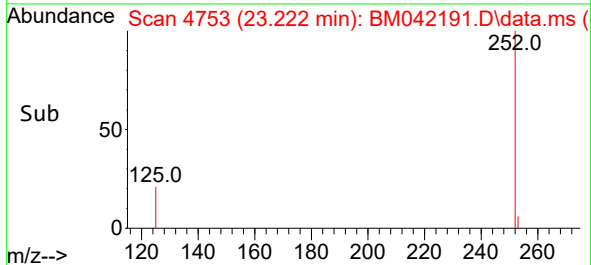
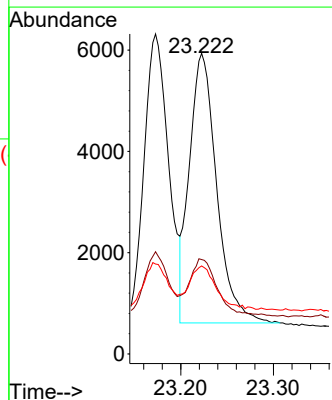
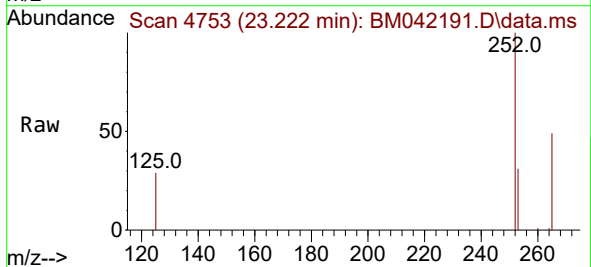
Instrument :
BNA_M
ClientSampleId :
SLCS910

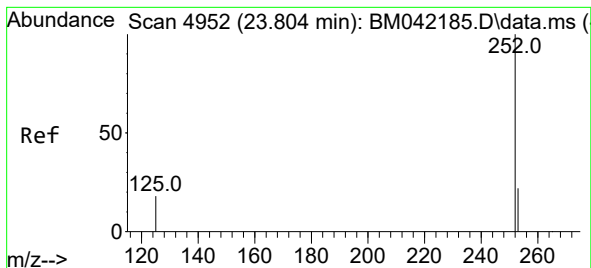
Tgt Ion:252 Resp: 11031
Ion Ratio Lower Upper
252 100
253 31.9 0.0 59.0
125 28.1 0.0 49.6



#25
Benzo(k)fluoranthene
Concen: 0.338 ng/ul
RT: 23.222 min Scan# 4753
Delta R.T. -0.006 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

Tgt Ion:252 Resp: 10886
Ion Ratio Lower Upper
252 100
253 31.4 23.4 35.0
125 29.3 19.9 29.9





#26

Benzo(a)pyrene

Concen: 0.321 ng/ul

RT: 23.810 min Scan# 4952

Delta R.T. -0.006 min

Lab File: BM042191.D

Acq: 04 Oct 2023 16:53

Instrument :

BNA_M

ClientSampleId :

SLCS910

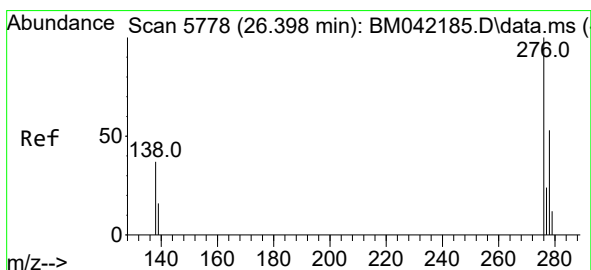
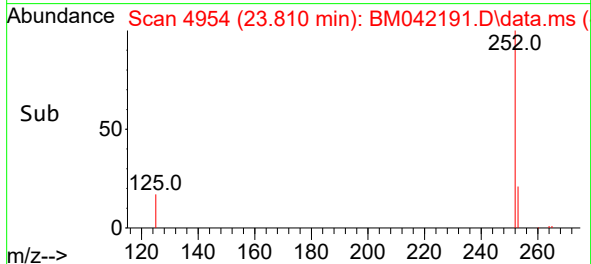
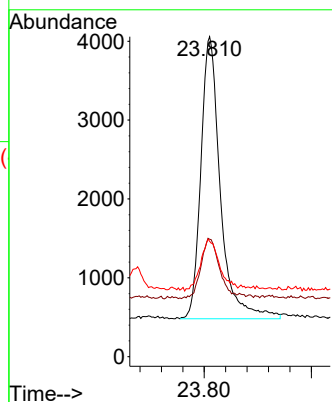
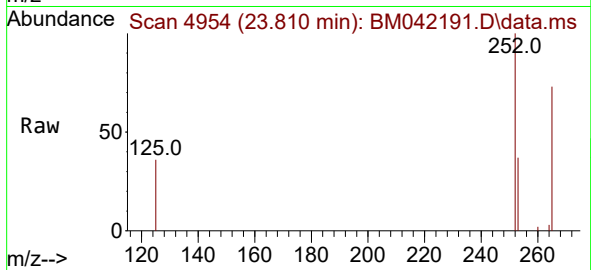
Tgt Ion:252 Resp: 9043

Ion Ratio Lower Upper

252 100

253 36.7 25.3 37.9

125 36.0 23.2 34.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.323 ng/ul

RT: 26.414 min Scan# 5783

Delta R.T. -0.003 min

Lab File: BM042191.D

Acq: 04 Oct 2023 16:53

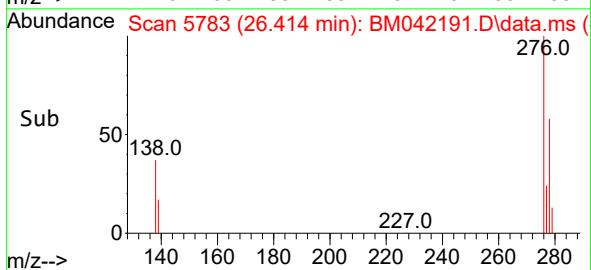
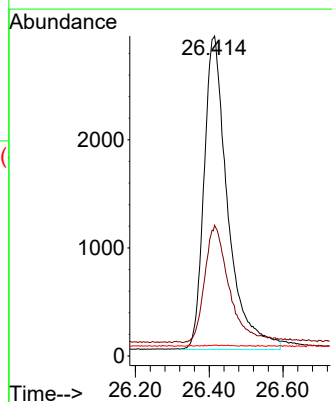
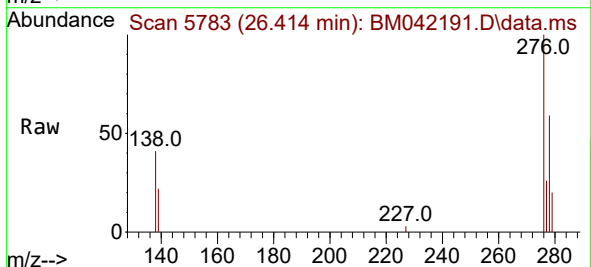
Tgt Ion:276 Resp: 12908

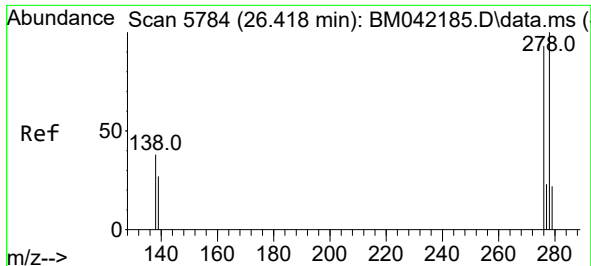
Ion Ratio Lower Upper

276 100

138 38.9 26.7 40.1

227 0.1 0.2 0.2#

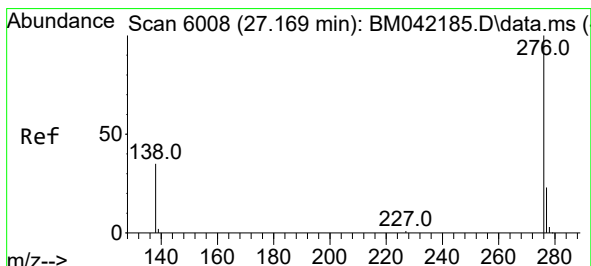
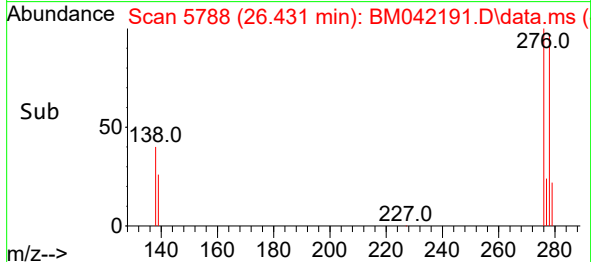
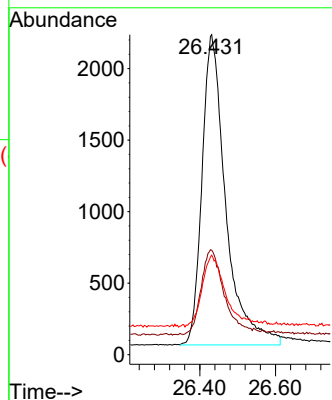
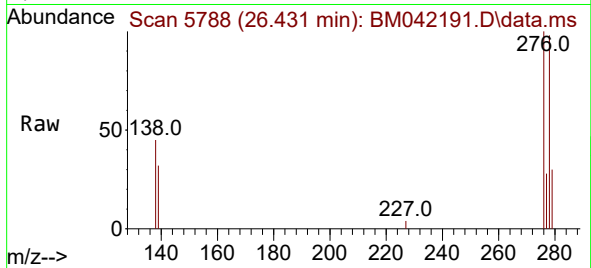




#28
Dibenzo(a,h)anthracene
Concen: 0.314 ng/ul
RT: 26.431 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

Instrument :
BNA_M
ClientSampleId :
SLCS910

Tgt Ion:278 Resp: 9458
Ion Ratio Lower Upper
278 100
139 32.6 21.7 32.5#
279 31.1 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 27.186 min Scan# 6013
Delta R.T. -0.010 min
Lab File: BM042191.D
Acq: 04 Oct 2023 16:53

Tgt Ion:276 Resp: 11144
Ion Ratio Lower Upper
276 100
138 37.5 26.8 40.2
277 25.8 20.1 30.1

