

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042658.D
 Acq On : 08 Nov 2023 20:23
 Operator : MA/JU
 Sample : PB156697BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS697

Quant Time: Nov 08 22:56:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:23:03 2023
 Response via : Initial Calibration

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

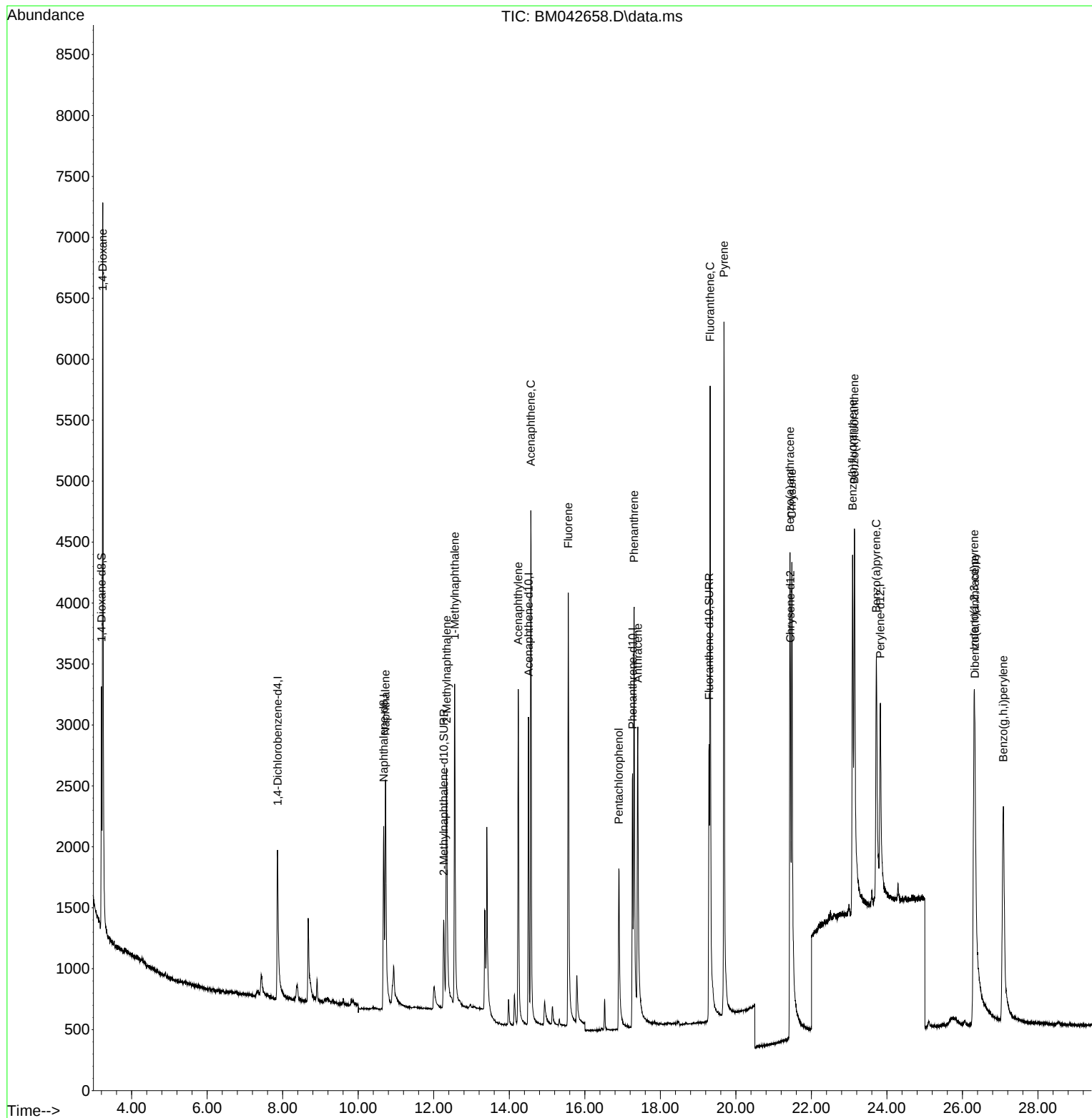
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	1141	0.400	ng/ul	0.00
4) Naphthalene-d8	10.672	136	2727	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	1468	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.264	188	2910	0.400	ng/ul	0.00
17) Chrysene-d12	21.446	240	2121	0.400	ng/ul	0.00
23) Perylene-d12	23.826	264	2539	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	1140	0.756	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.262	152	1421	0.373	ng/ul	-0.01
18) Fluoranthene-d10	19.290	212	2994	0.408	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.235	88	3779	2.109	ng/ul#	57
5) Naphthalene	10.722	128	3457	0.393	ng/ul	100
7) 2-Methylnaphthalene	12.339	142	2106	0.373	ng/ul	96
8) 1-Methylnaphthalene	12.553	142	2067	0.361	ng/ul	99
10) Acenaphthylene	14.238	152	3844	0.383	ng/ul	99
11) Acenaphthene	14.571	153	2704	0.397	ng/ul	100
12) Fluorene	15.561	166	2985	0.382	ng/ul	99
14) Pentachlorophenol	16.901	266	1302	0.877	ng/ul	96
15) Phenanthrene	17.306	178	4496	0.398	ng/ul	99
16) Anthracene	17.403	178	3979	0.390	ng/ul	99
19) Fluoranthene	19.318	202	5394	0.407	ng/ul	99
20) Pyrene	19.685	202	5972	0.410	ng/ul	99
21) Benzo(a)anthracene	21.429	228	3800	0.403	ng/ul	100
22) Chrysene	21.484	228	4371	0.448	ng/ul	99
24) Benzo(b)fluoranthene	23.092	252	4639	0.452	ng/ul	93
25) Benzo(k)fluoranthene	23.139	252	4824	0.449	ng/ul#	91
26) Benzo(a)pyrene	23.721	252	4793	0.451	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.309	276	6002	0.435	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.329	278	4435	0.450	ng/ul#	90
29) Benzo(g,h,i)perylene	27.083	276	5287	0.412	ng/ul	97

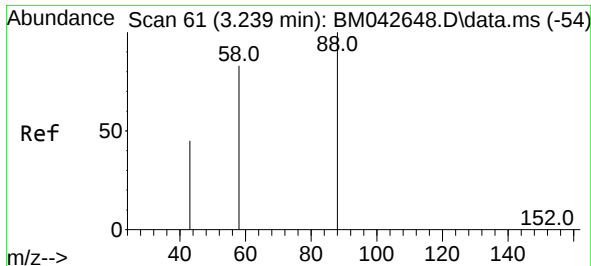
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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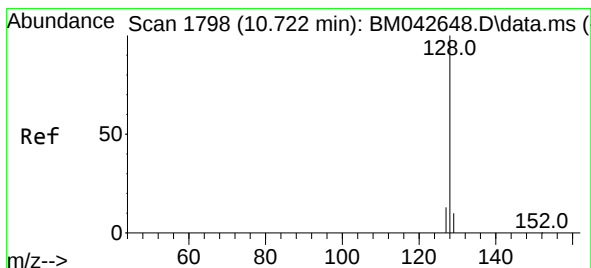
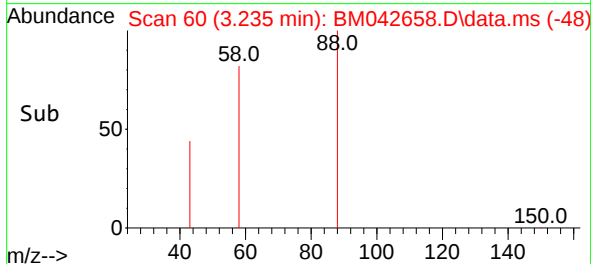
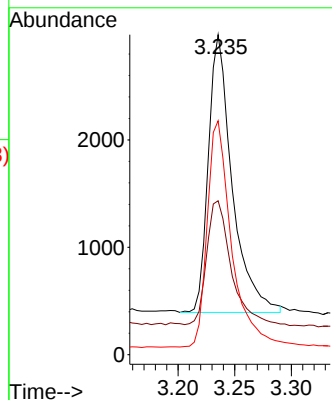
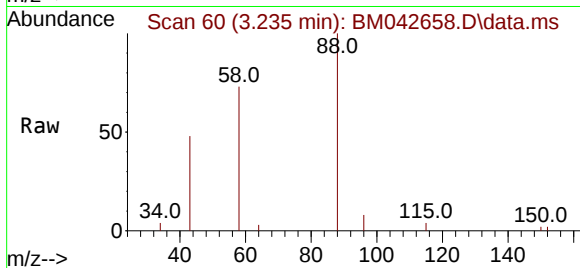




#2
 1,4-Dioxane
 Concen: 2.109 ng/ul
 RT: 3.235 min Scan# 61
 Delta R.T. -0.011 min
 Lab File: BM042658.D
 Acq: 08 Nov 2023 20:23

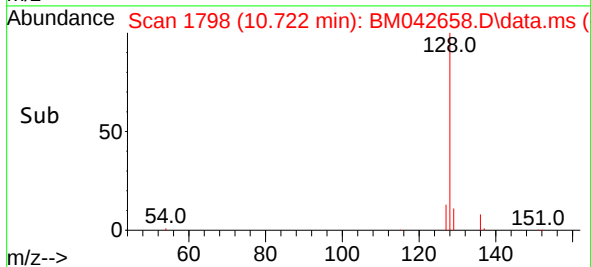
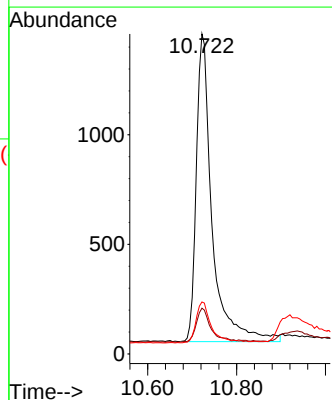
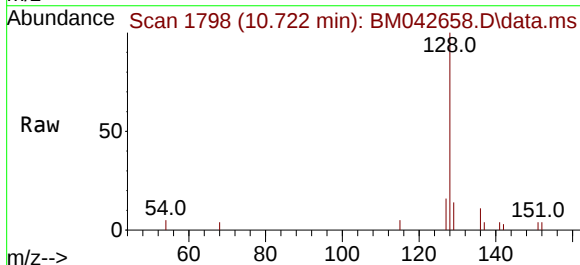
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 BNA_M
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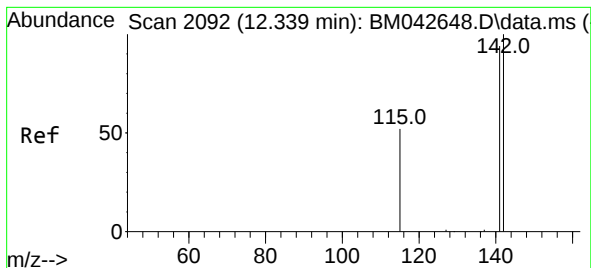
Tgt Ion: 88 Resp: 3779
 Ion Ratio Lower Upper
 88 100
 43 48.1 77.5 116.3#
 58 73.1 40.9 61.3#



#5
 Naphthalene
 Concen: 0.393 ng/ul
 RT: 10.722 min Scan# 1798
 Delta R.T. -0.013 min
 Lab File: BM042658.D
 Acq: 08 Nov 2023 20:23

Tgt Ion: 128 Resp: 3457
 Ion Ratio Lower Upper
 128 100
 129 14.3 11.3 16.9
 127 16.2 13.0 19.4

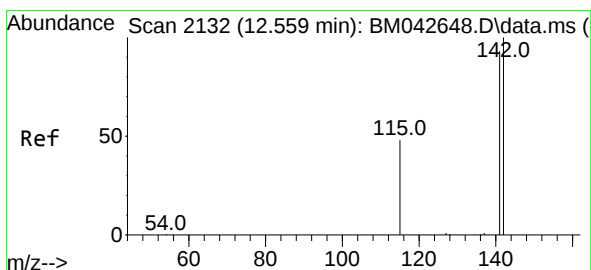
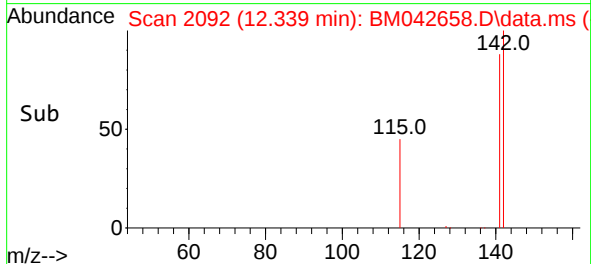
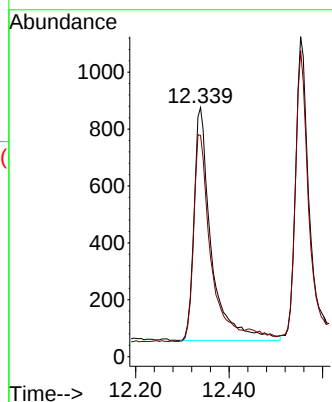
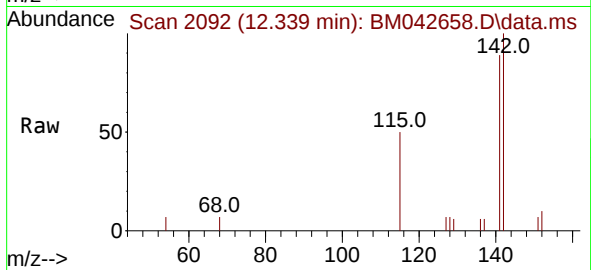




#7
2-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.339 min Scan# 2092
Delta R.T. -0.008 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

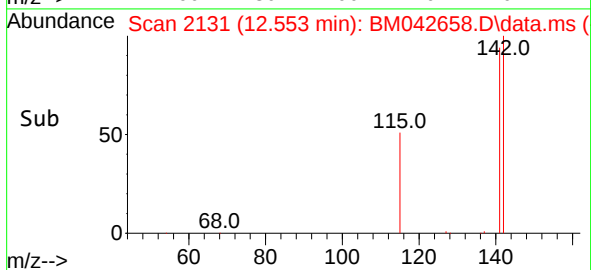
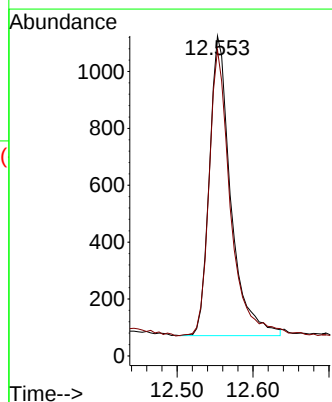
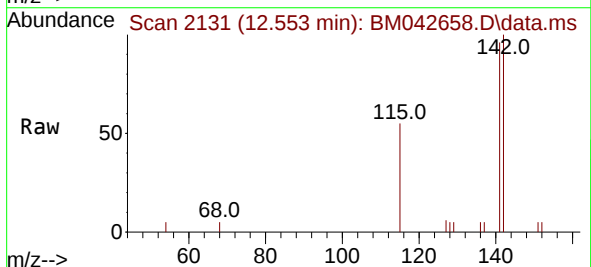
Instrument :
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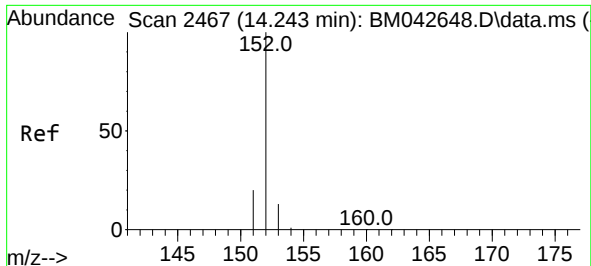
Tgt Ion:142 Resp: 2106
Ion Ratio Lower Upper
142 100
141 93.0 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.553 min Scan# 2131
Delta R.T. -0.013 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Tgt Ion:142 Resp: 2067
Ion Ratio Lower Upper
142 100
141 95.2 75.4 113.2

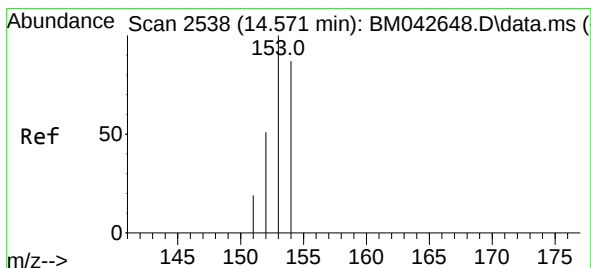
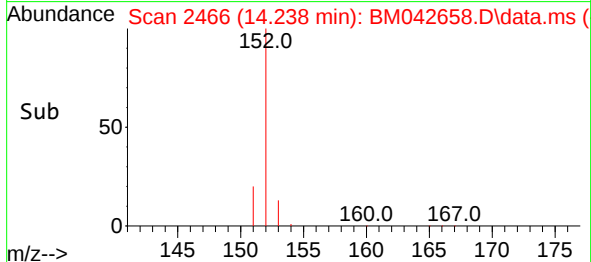
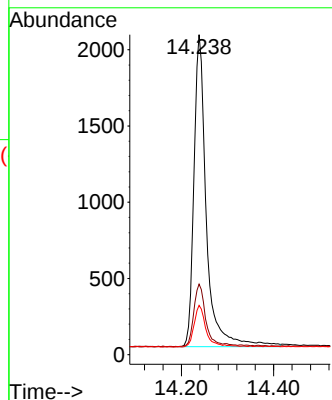
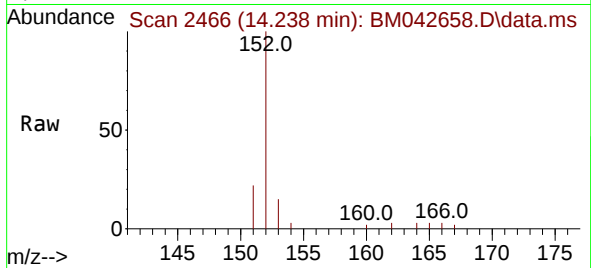




#10
Acenaphthylene
Concen: 0.383 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.007 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

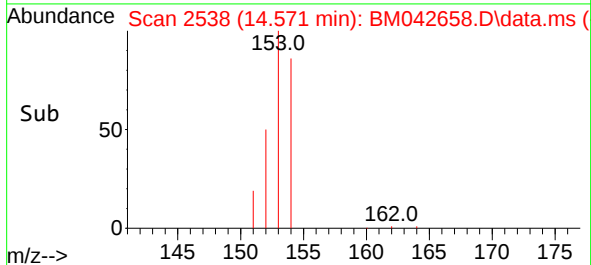
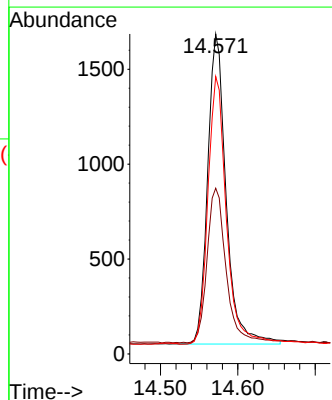
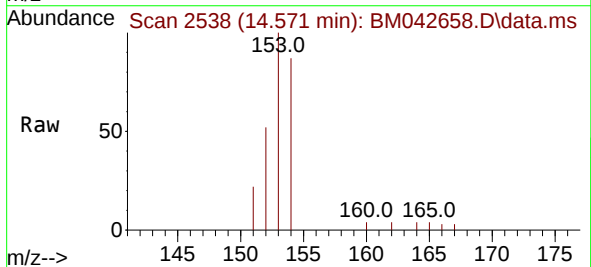
Instrument :
BNA_M
ClientSampleId :
SLCS697

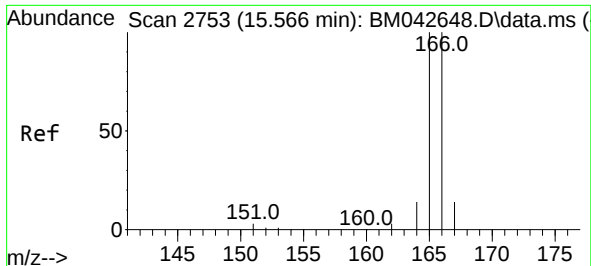
Tgt Ion:152 Resp: 3844
Ion Ratio Lower Upper
152 100
151 22.1 17.2 25.8
153 15.4 11.8 17.8



#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.571 min Scan# 2538
Delta R.T. -0.007 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Tgt Ion:153 Resp: 2704
Ion Ratio Lower Upper
153 100
152 51.8 41.8 62.6
154 86.7 69.2 103.8

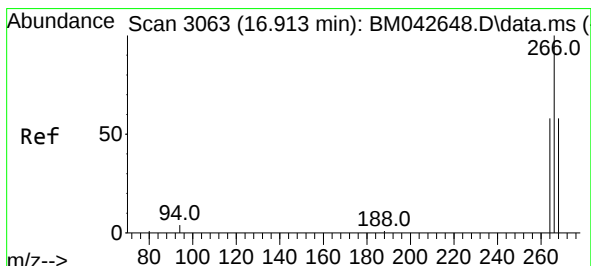
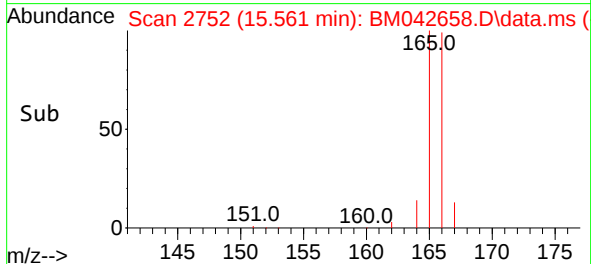
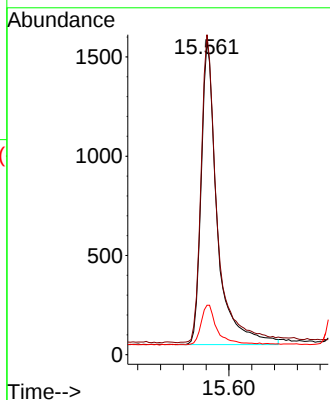
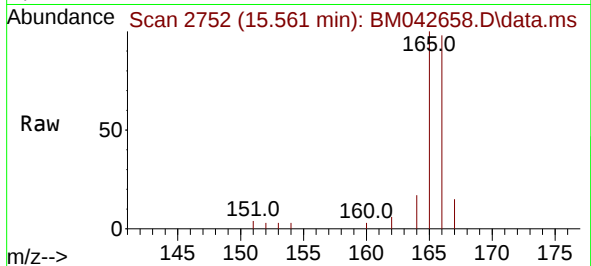




#12
 Fluorene
 Concen: 0.382 ng/ul
 RT: 15.561 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BM042658.D
 Acq: 08 Nov 2023 20:23

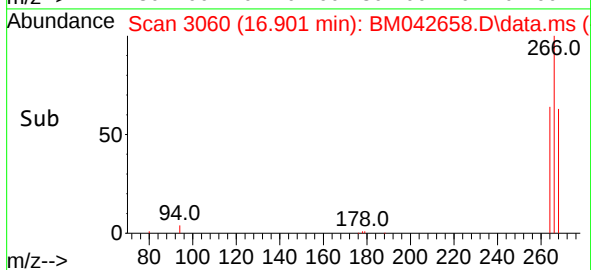
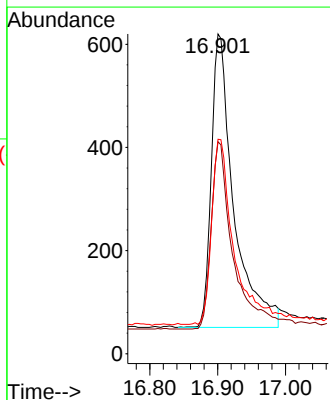
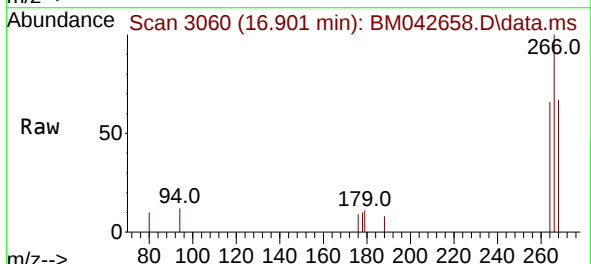
Instrument :
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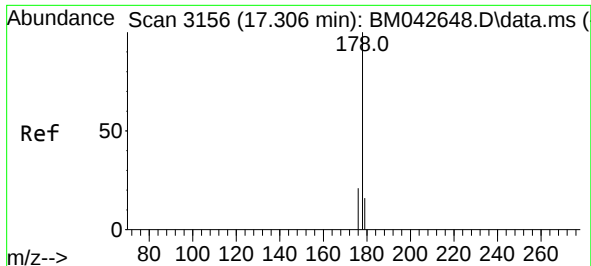
Tgt Ion:	166	Resp:	2985
Ion Ratio	Lower	Upper	
166	100		
165	102.2	81.2	121.8
167	15.8	11.9	17.9



#14
 Pentachlorophenol
 Concen: 0.877 ng/ul
 RT: 16.901 min Scan# 3060
 Delta R.T. -0.010 min
 Lab File: BM042658.D
 Acq: 08 Nov 2023 20:23

Tgt Ion:	266	Resp:	1302
Ion Ratio	Lower	Upper	
266	100		
264	61.8	50.4	75.6
268	62.7	54.8	82.2

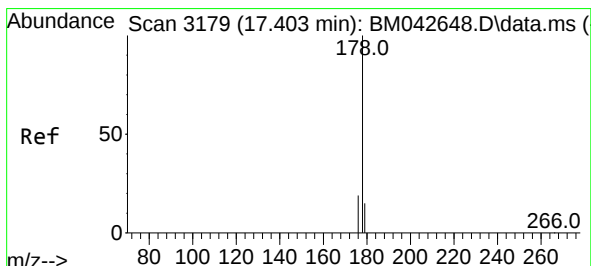
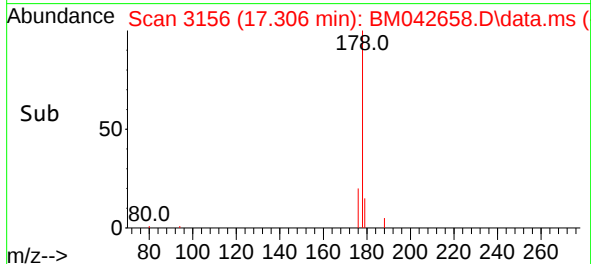
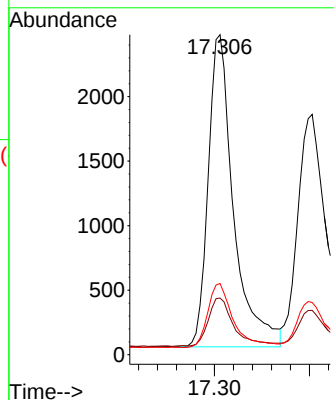
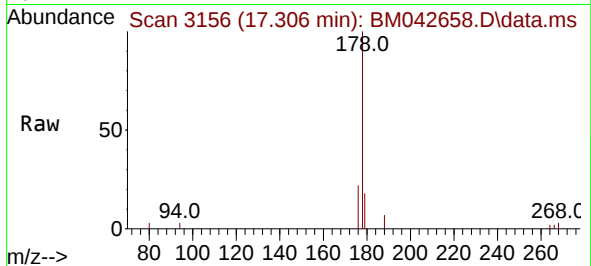




#15
Phenanthrene
Concen: 0.398 ng/u1
RT: 17.306 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

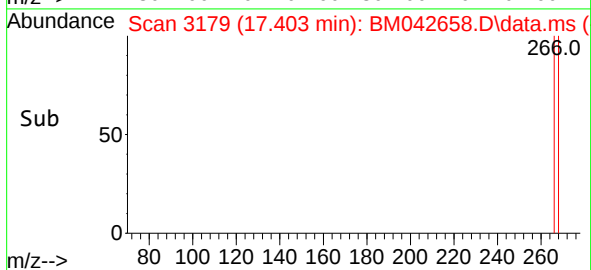
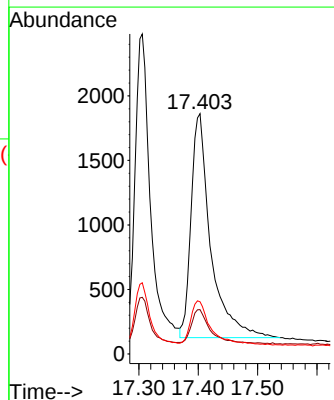
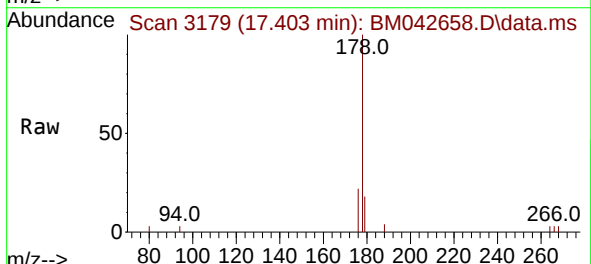
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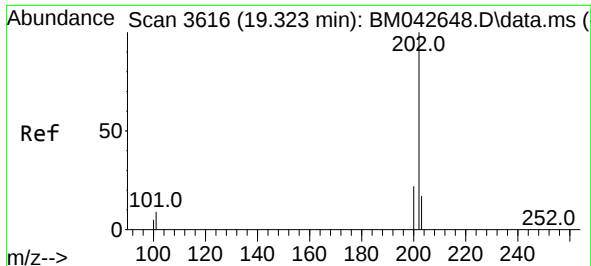
Tgt Ion:178 Resp: 4496
Ion Ratio Lower Upper
178 100
179 17.7 13.7 20.5
176 22.3 18.2 27.2



#16
Anthracene
Concen: 0.390 ng/u1
RT: 17.403 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Tgt Ion:178 Resp: 3979
Ion Ratio Lower Upper
178 100
179 18.5 14.2 21.4
176 21.7 17.6 26.4

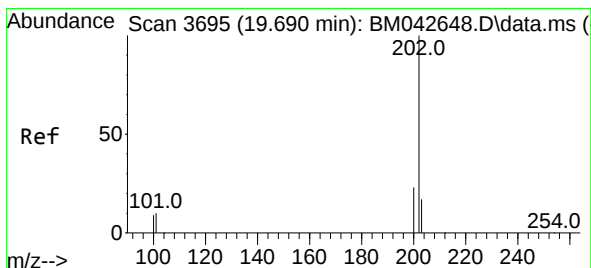
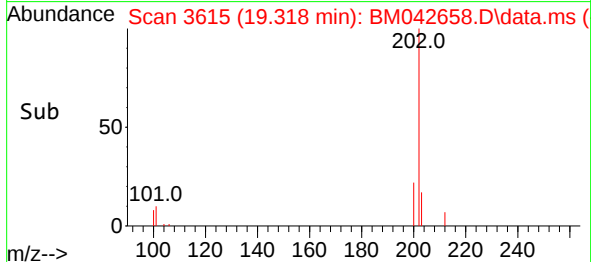
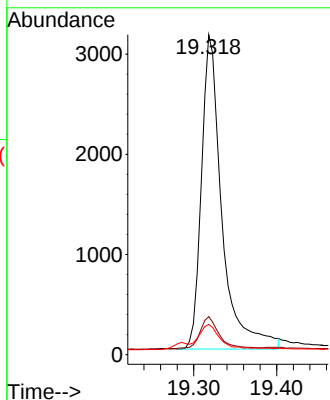
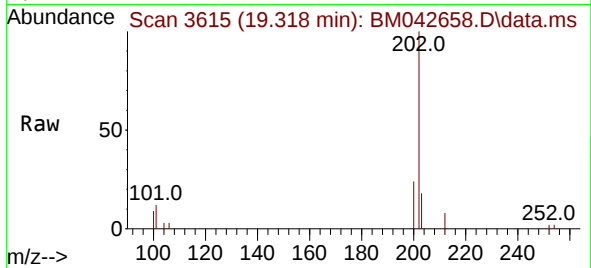




#19
Fluoranthene
Concen: 0.407 ng/ul
RT: 19.318 min Scan# 3615
Delta R.T. -0.011 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

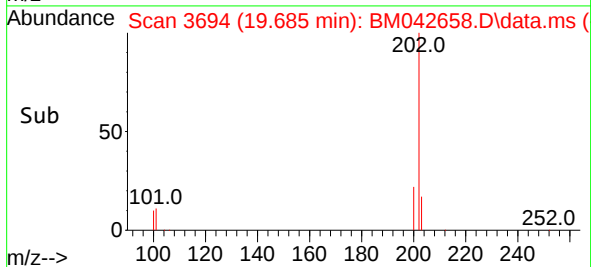
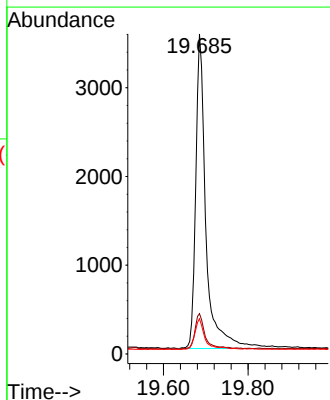
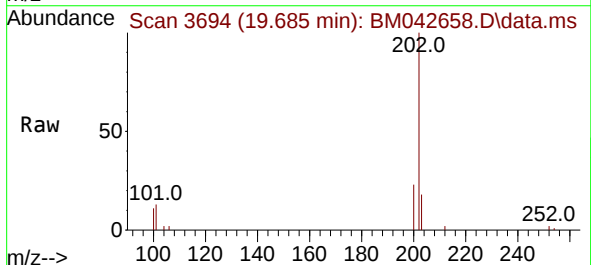
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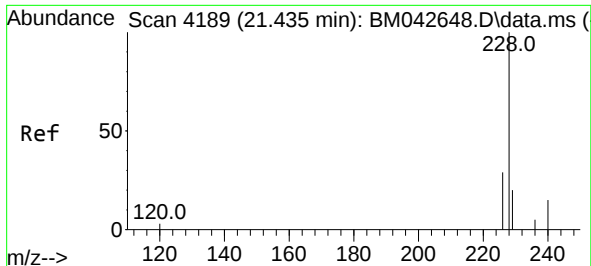
Tgt Ion:	202	Resp:	5394
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.0	13.6
100	9.4	7.3	10.9



#20
Pyrene
Concen: 0.410 ng/ul
RT: 19.685 min Scan# 3694
Delta R.T. -0.011 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

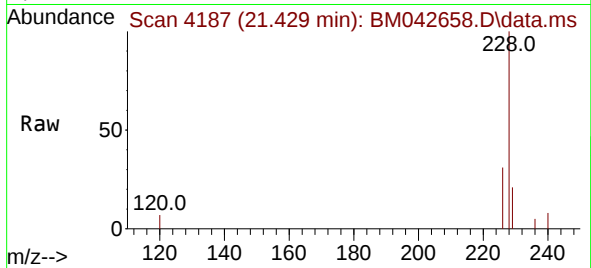
Tgt Ion:	202	Resp:	5972
Ion Ratio	Lower	Upper	
202	100		
101	12.6	10.6	16.0
100	11.0	8.6	13.0



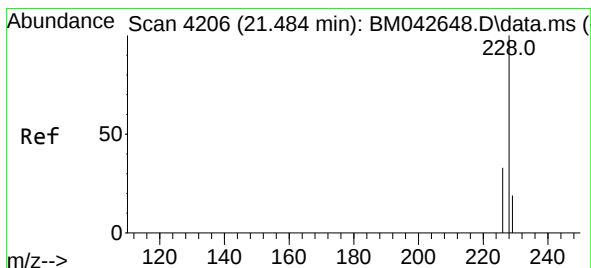
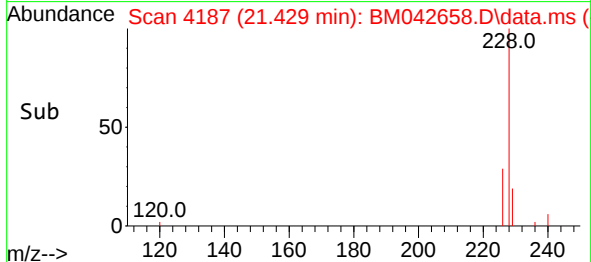
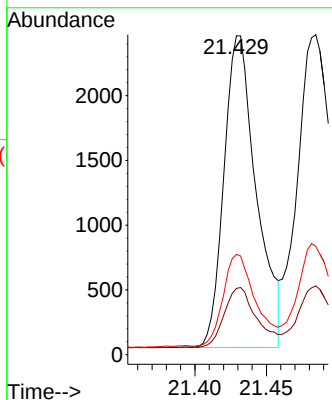


#21
Benzo(a)anthracene
Concen: 0.403 ng/ul
RT: 21.429 min Scan# 4189
Delta R.T. -0.008 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Instrument :
BNA_M
ClientSampleId :
SLCS697

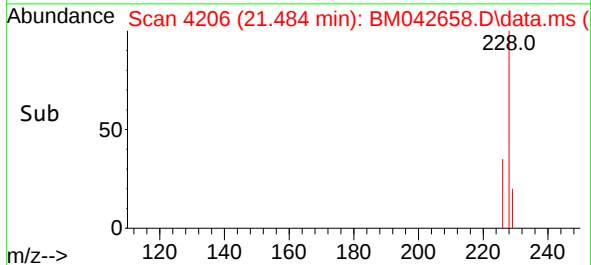
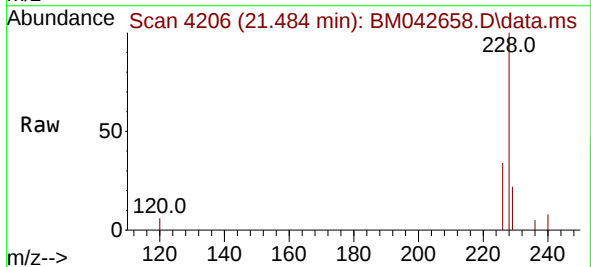
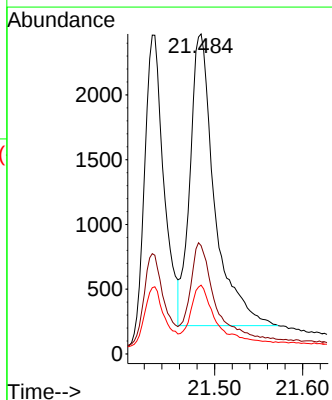


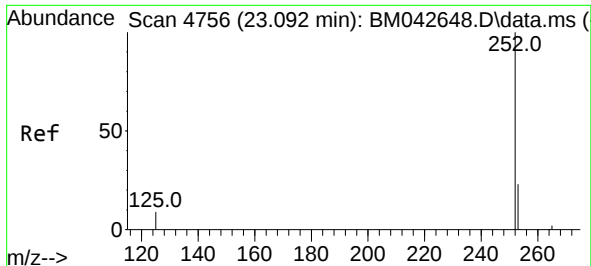
Tgt Ion:228 Resp: 3800
Ion Ratio Lower Upper
228 100
229 20.8 17.0 25.4
226 31.5 25.2 37.8



#22
Chrysene
Concen: 0.448 ng/ul
RT: 21.484 min Scan# 4206
Delta R.T. -0.008 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Tgt Ion:228 Resp: 4371
Ion Ratio Lower Upper
228 100
226 33.8 27.4 41.0
229 21.5 17.0 25.6

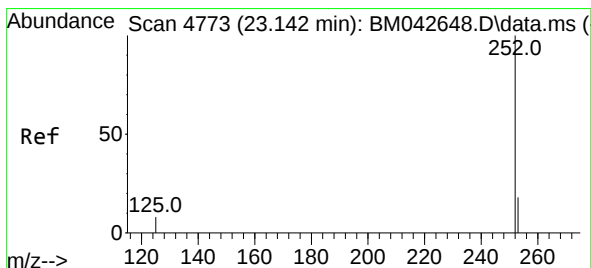
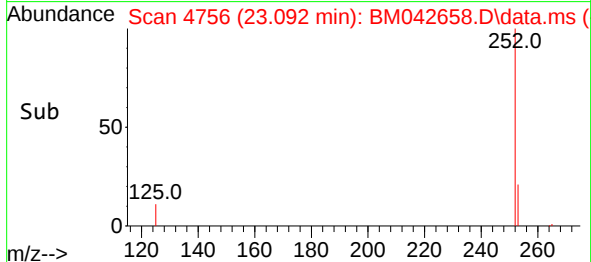
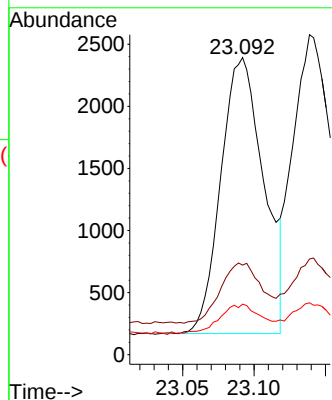
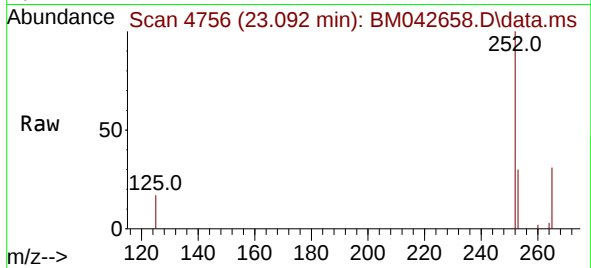




#24
Benzo(b)fluoranthene
Concen: 0.452 ng/ul
RT: 23.092 min Scan# 4756
Delta R.T. -0.008 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

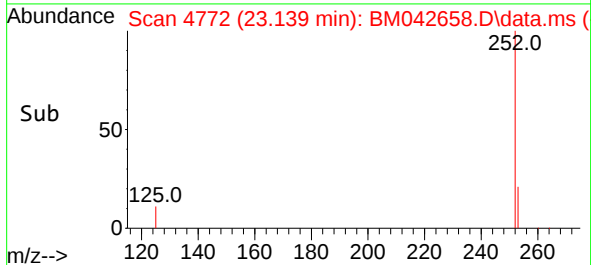
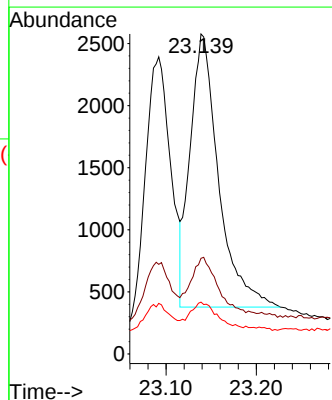
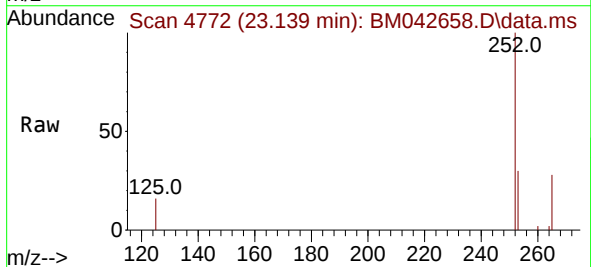
Instrument :
BNA_M
ClientSampleId :
SLCS697

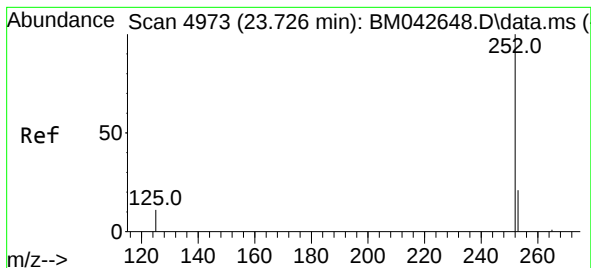
Tgt Ion:252	Resp:	4639
Ion Ratio	Lower	Upper
252	100	
253	30.2	0.0 65.8
125	17.0	0.0 43.6



#25
Benzo(k)fluoranthene
Concen: 0.449 ng/ul
RT: 23.139 min Scan# 4772
Delta R.T. -0.011 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Tgt Ion:252	Resp:	4824
Ion Ratio	Lower	Upper
252	100	
253	29.9	27.0 40.6
125	16.2	17.5 26.3





#26

Benzo(a)pyrene

Concen: 0.451 ng/ul

RT: 23.721 min Scan# 4973

Delta R.T. -0.014 min

Lab File: BM042658.D

Acq: 08 Nov 2023 20:23

Instrument :

BNA_M

ClientSampleId :

SLCS697

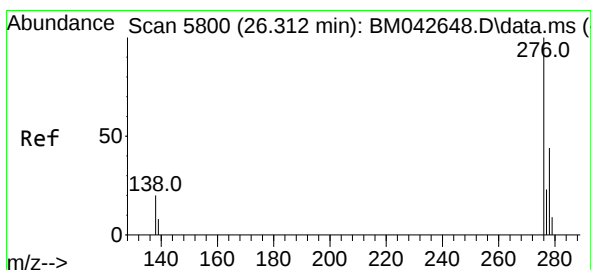
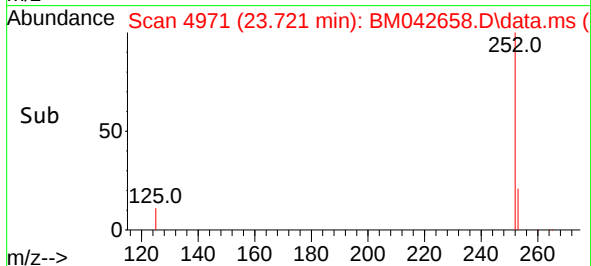
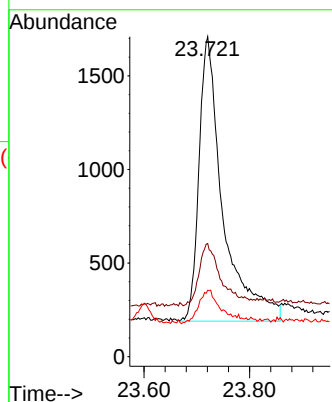
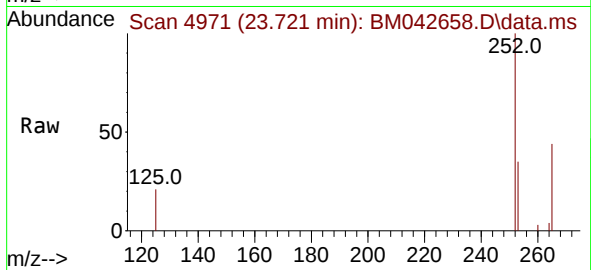
Tgt Ion:252 Resp: 4793

Ion Ratio Lower Upper

252 100

253 35.3 31.7 47.5

125 20.8 22.1 33.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.435 ng/ul

RT: 26.309 min Scan# 5799

Delta R.T. -0.019 min

Lab File: BM042658.D

Acq: 08 Nov 2023 20:23

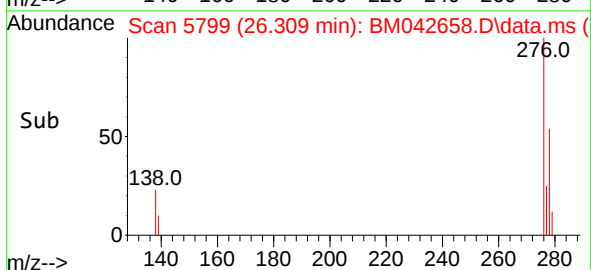
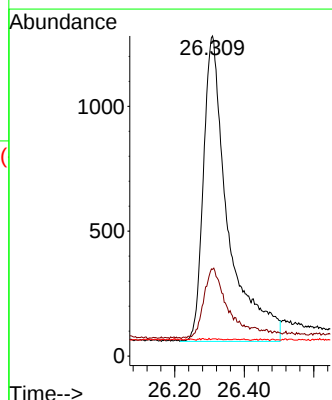
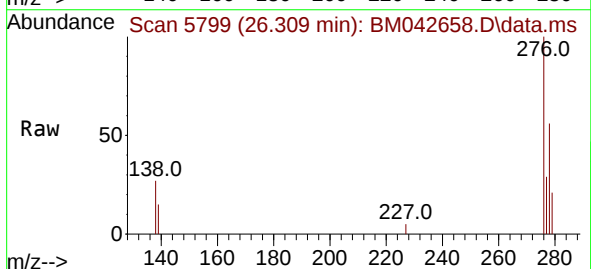
Tgt Ion:276 Resp: 6002

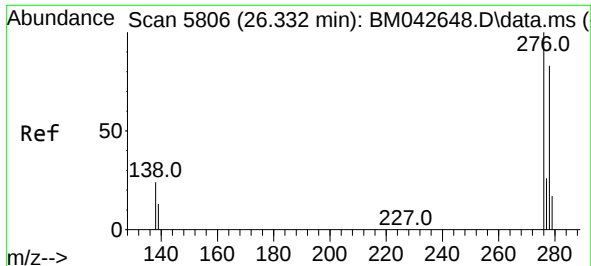
Ion Ratio Lower Upper

276 100

138 23.5 20.7 31.1

227 0.0 0.1 0.1#

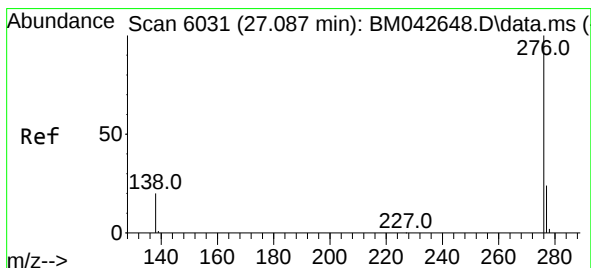
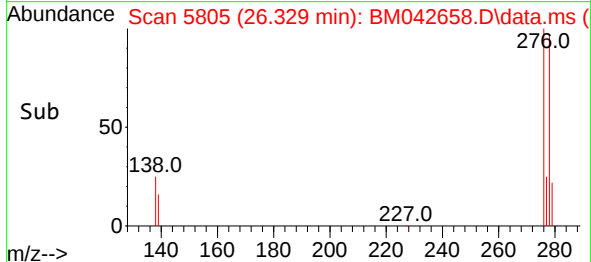
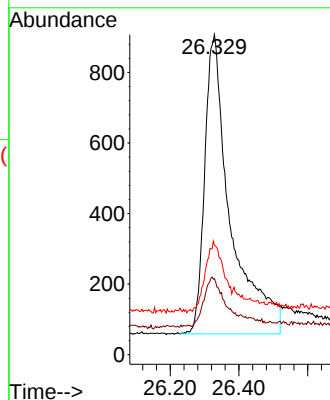
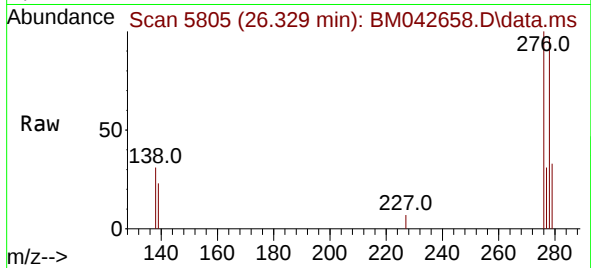




#28
Dibenzo(a,h)anthracene
Concen: 0.450 ng/ul
RT: 26.329 min Scan# 5805
Delta R.T. -0.019 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Instrument :
BNA_M
ClientSampleId :
SLCS697

Tgt Ion:278 Resp: 4435
Ion Ratio Lower Upper
278 100
139 23.8 24.3 36.5#
279 34.3 31.5 47.3



#29
Benzo(g,h,i)perylene
Concen: 0.412 ng/ul
RT: 27.083 min Scan# 6030
Delta R.T. -0.022 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Tgt Ion:276 Resp: 5287
Ion Ratio Lower Upper
276 100
138 25.2 22.3 33.5
277 28.6 23.6 35.4

