

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012224\
 Data File : BM043892.D
 Acq On : 22 Jan 2024 19:42
 Operator : MA/JU
 Sample : PB158503BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS503

Quant Time: Jan 23 00:30:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 22:45:24 2024
 Response via : Initial Calibration

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

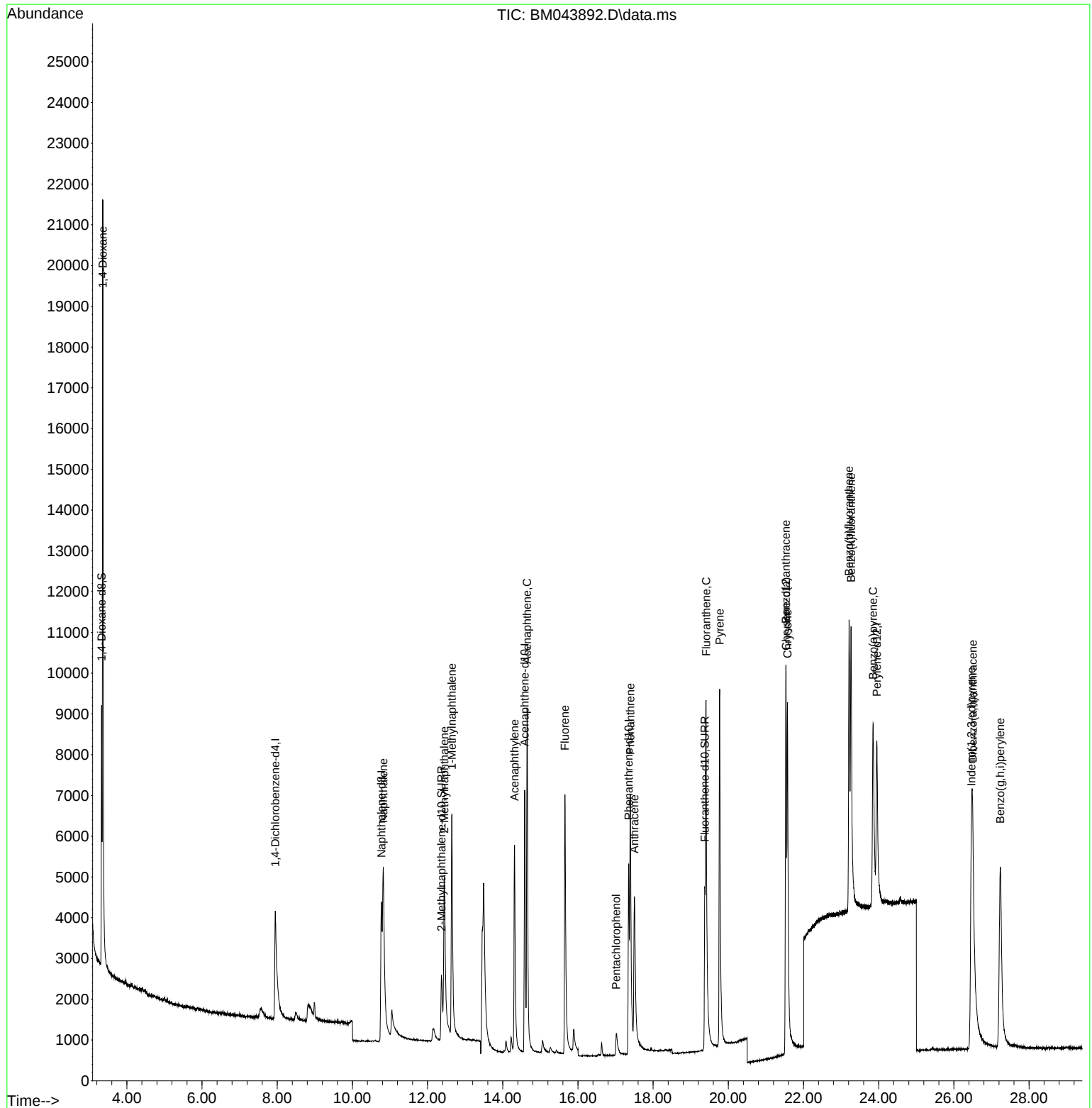
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	3722	0.400	ng/u1	0.02
4) Naphthalene-d8	10.770	136	10220	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.581	164	4772	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.348	188	9125	0.400	ng/u1	0.00
17) Chrysene-d12	21.537	240	6000	0.400	ng/u1	0.00
23) Perylene-d12	23.948	264	7842	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	3761	0.742	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.365	152	4376	0.337	ng/u1	0.00
18) Fluoranthene-d10	19.374	212	6887	0.348	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.361	88	11951	2.184	ng/u1#	80
5) Naphthalene	10.820	128	10126	0.340	ng/u1	98
7) 2-Methylnaphthalene	12.442	142	5811	0.337	ng/u1	100
8) 1-Methylnaphthalene	12.646	142	5817	0.328	ng/u1	100
10) Acenaphthylene	14.312	152	9160	0.359	ng/u1	99
11) Acenaphthene	14.645	153	6701	0.353	ng/u1	99
12) Fluorene	15.654	166	6858	0.350	ng/u1	99
14) Pentachlorophenol	17.019	266	902	0.780	ng/u1#	87
15) Phenanthrene	17.394	178	9832	0.340	ng/u1	99
16) Anthracene	17.500	178	9262	0.344	ng/u1	97
19) Fluoranthene	19.406	202	11309	0.355	ng/u1	99
20) Pyrene	19.769	202	12039	0.360	ng/u1	98
21) Benzo(a)anthracene	21.528	228	8376	0.359	ng/u1	99
22) Chrysene	21.572	228	12108	0.386	ng/u1	99
24) Benzo(b)fluoranthene	23.212	252	11262	0.377	ng/u1	99
25) Benzo(k)fluoranthene	23.264	252	13355	0.373	ng/u1	99
26) Benzo(a)pyrene	23.849	252	11032	0.362	ng/u1	98
27) Indeno(1,2,3-cd)pyrene	26.463	276	15523	0.395	ng/u1#	44
28) Dibenzo(a,h)anthracene	26.500	278	11736	0.391	ng/u1	99
29) Benzo(g,h,i)perylene	27.234	276	13939	0.397	ng/u1	98

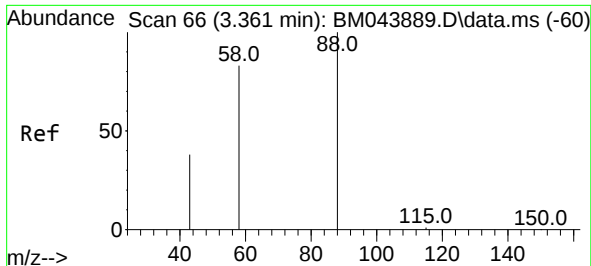
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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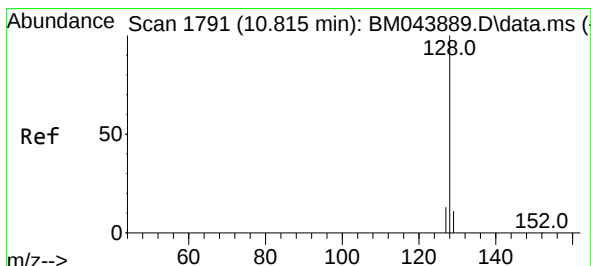
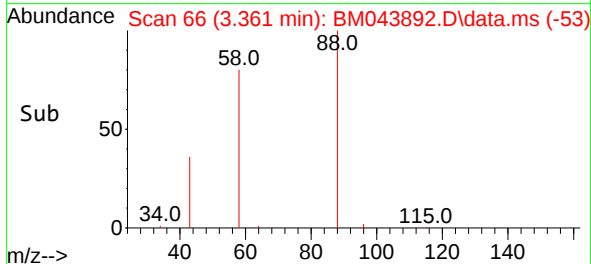
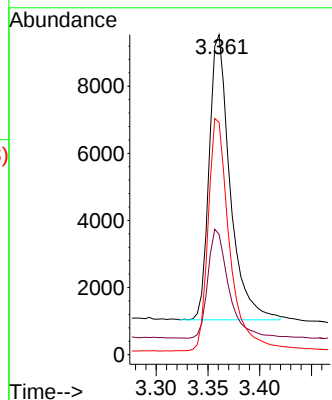
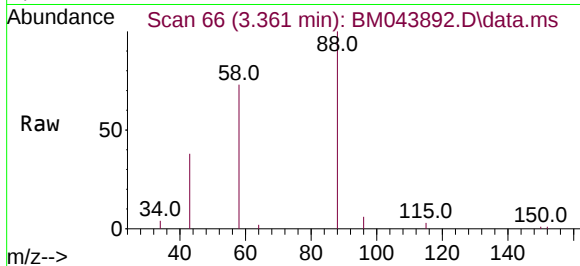




#2
1,4-Dioxane
Concen: 2.184 ng/ul
RT: 3.361 min Scan# 60
Delta R.T. -0.004 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

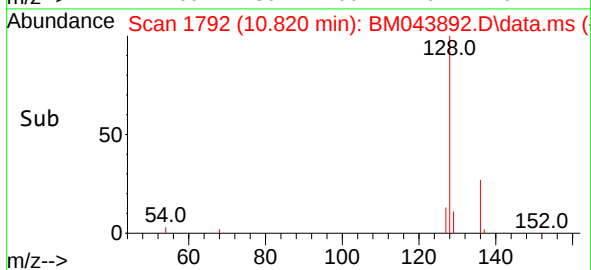
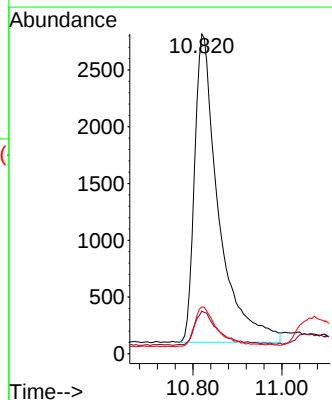
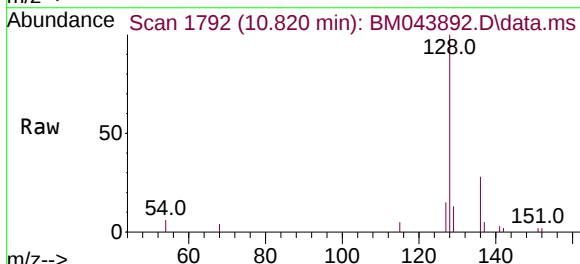
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ClientSampleId :
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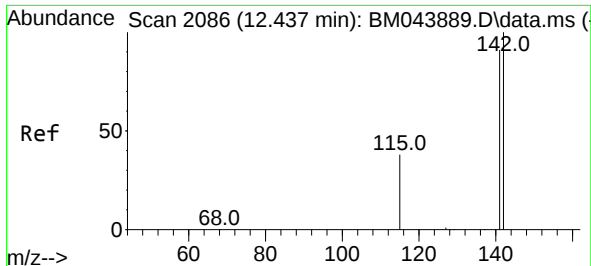
Tgt Ion: 88 Resp: 11951
Ion Ratio Lower Upper
88 100
43 37.6 32.2 48.4
58 72.6 40.2 60.4#



#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.820 min Scan# 1792
Delta R.T. 0.005 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

Tgt Ion: 128 Resp: 10126
Ion Ratio Lower Upper
128 100
129 13.3 10.0 15.0
127 14.7 11.4 17.0

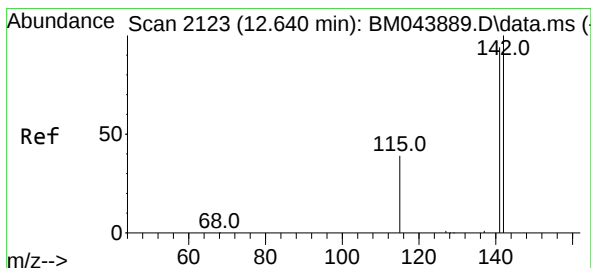
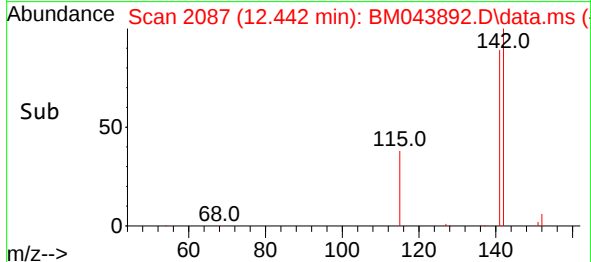
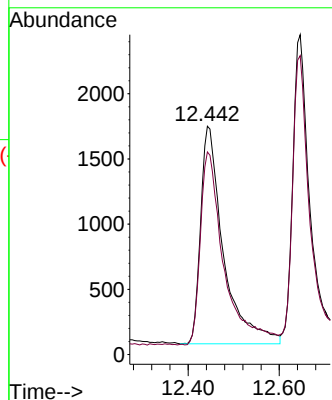
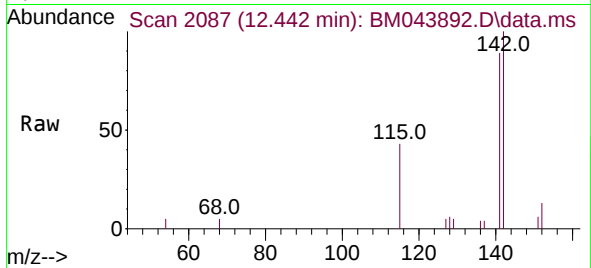




#7
2-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.442 min Scan# 2087
Delta R.T. 0.005 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

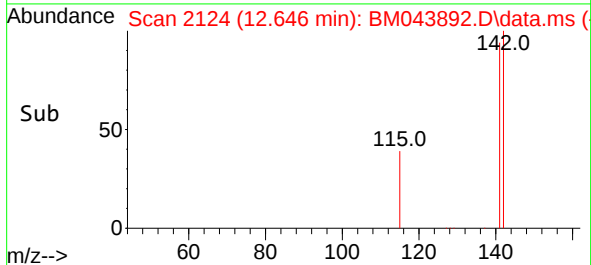
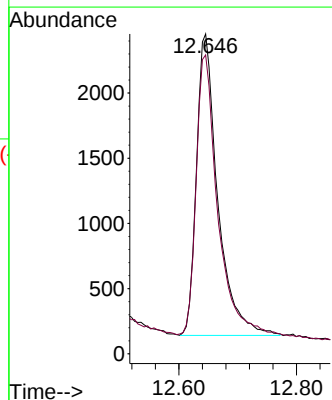
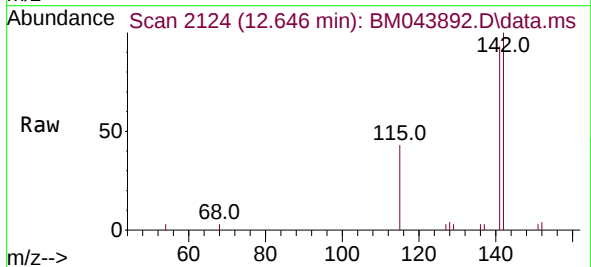
Instrument :
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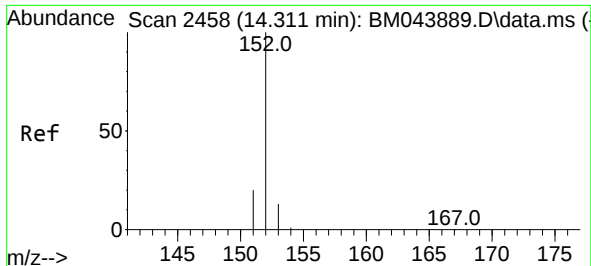
Tgt Ion:142 Resp: 5811
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.4



#8
1-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.646 min Scan# 2124
Delta R.T. 0.005 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

Tgt Ion:142 Resp: 5817
Ion Ratio Lower Upper
142 100
141 92.8 74.6 111.8

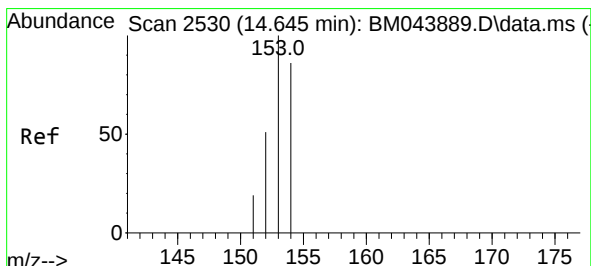
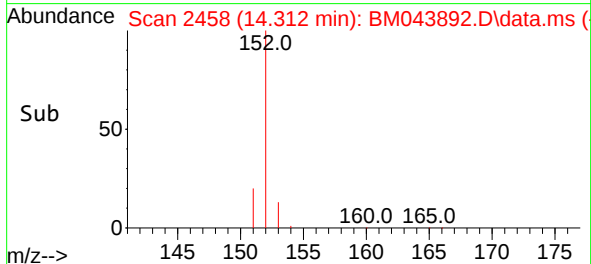
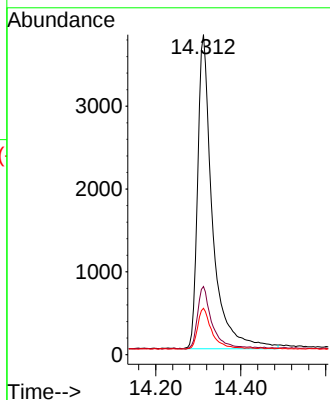
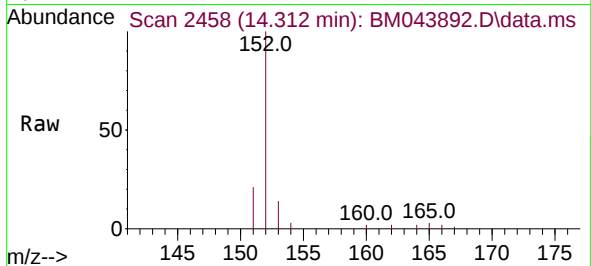




#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.312 min Scan# 2458
Delta R.T. 0.001 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

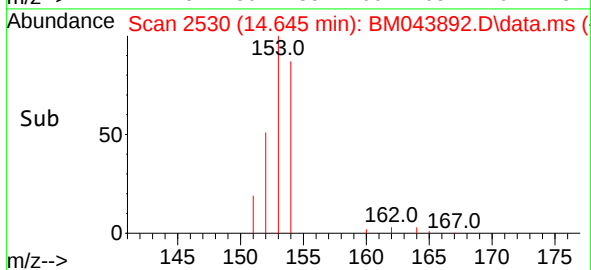
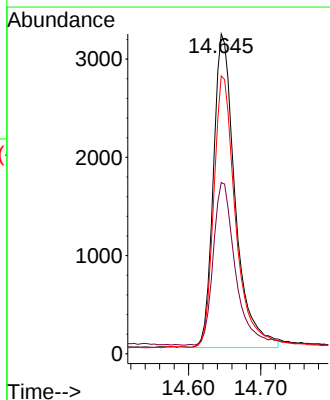
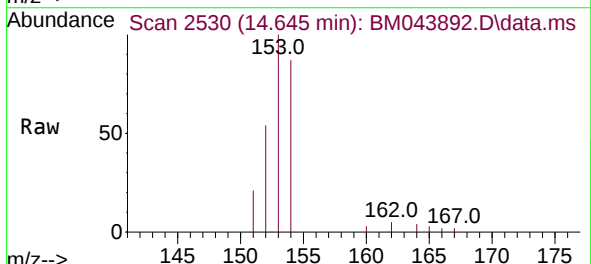
Instrument :
BNA_M
ClientSampleId :
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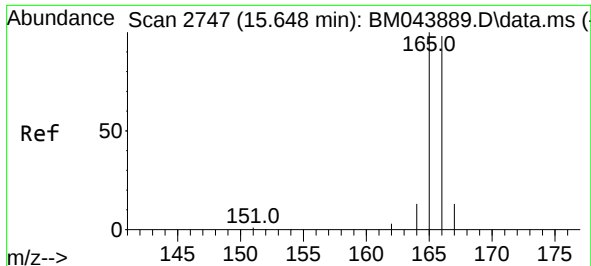
Tgt Ion:	152	Resp:	9160
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.6	24.8
153	14.5	11.7	17.5



#11
Acenaphthene
Concen: 0.353 ng/ul
RT: 14.645 min Scan# 2530
Delta R.T. 0.001 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

Tgt Ion:	153	Resp:	6701
Ion Ratio	Lower	Upper	
153	100		
152	53.5	42.1	63.1
154	86.9	69.0	103.6

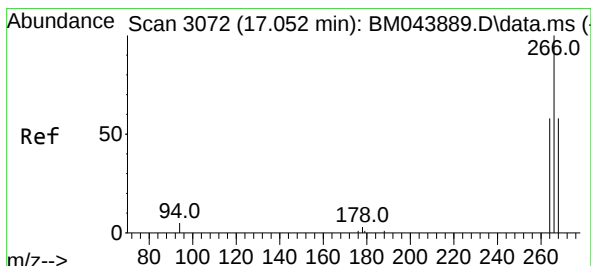
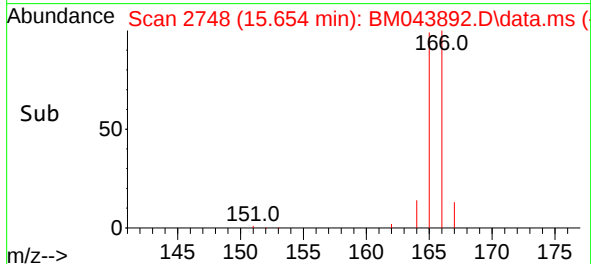
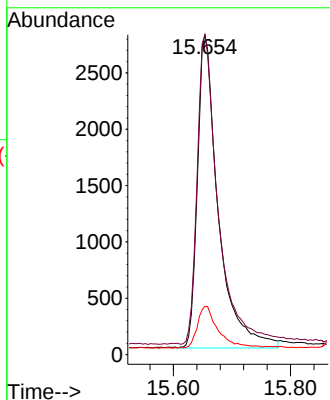
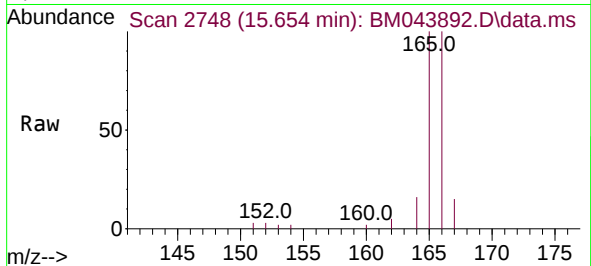




#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.654 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

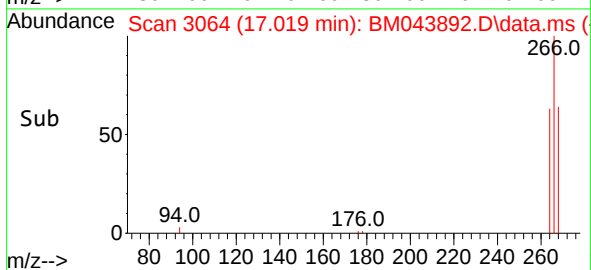
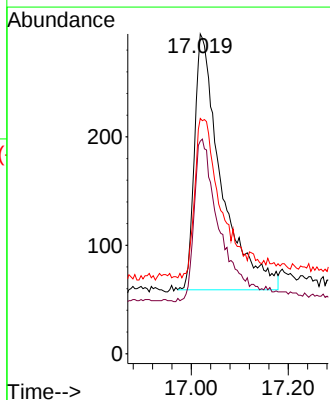
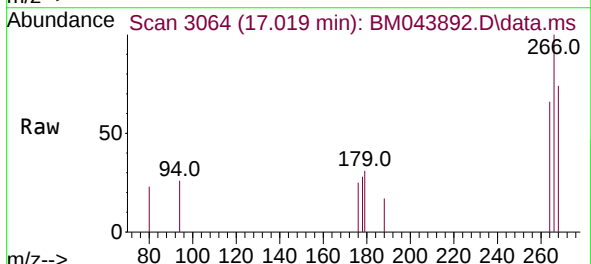
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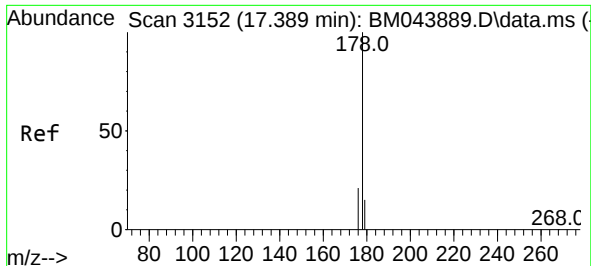
Tgt Ion:166 Resp: 6858
Ion Ratio Lower Upper
166 100
165 100.3 79.2 118.8
167 15.1 11.4 17.2



#14
Pentachlorophenol
Concen: 0.780 ng/ul
RT: 17.019 min Scan# 3064
Delta R.T. -0.075 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

Tgt Ion:266 Resp: 902
Ion Ratio Lower Upper
266 100
264 66.5 39.8 59.6#
268 58.8 45.6 68.4

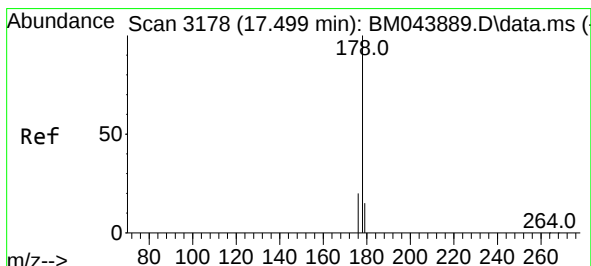
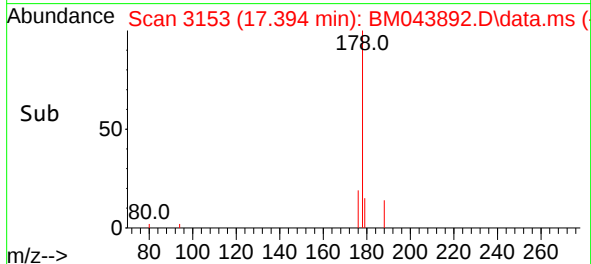
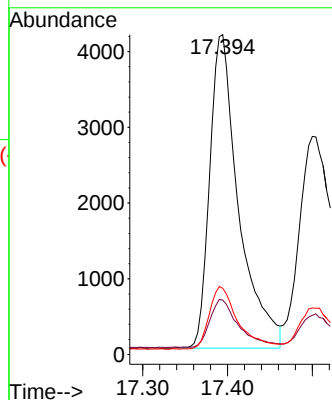
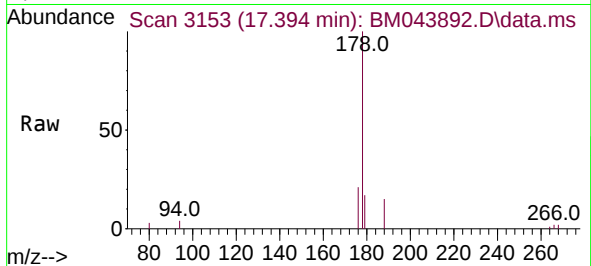




#15
Phenanthrene
Concen: 0.340 ng/ul
RT: 17.394 min Scan# 3152
Delta R.T. 0.001 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

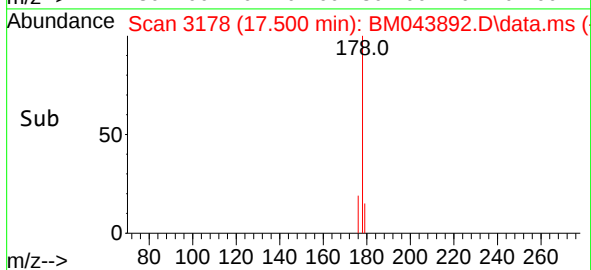
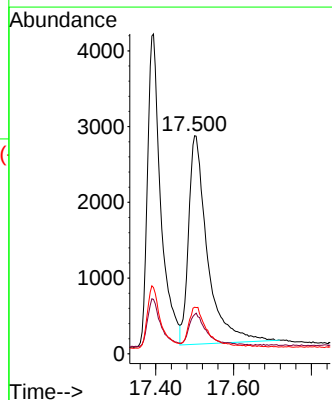
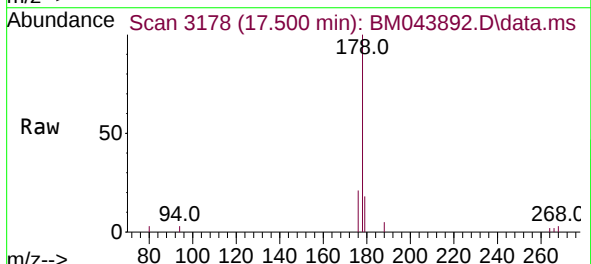
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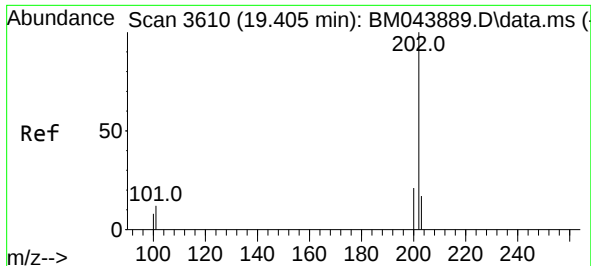
Tgt Ion:178 Resp: 9832
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.6
176 20.7 16.4 24.6



#16
Anthracene
Concen: 0.344 ng/ul
RT: 17.500 min Scan# 3178
Delta R.T. 0.005 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

Tgt Ion:178 Resp: 9262
Ion Ratio Lower Upper
178 100
179 18.0 13.2 19.8
176 21.4 16.2 24.2

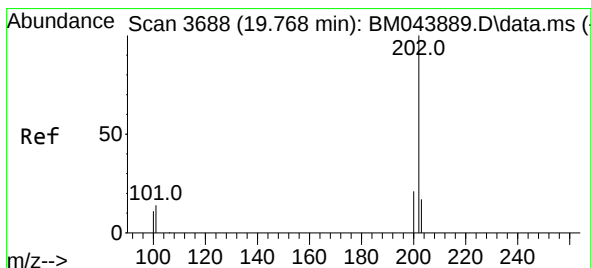
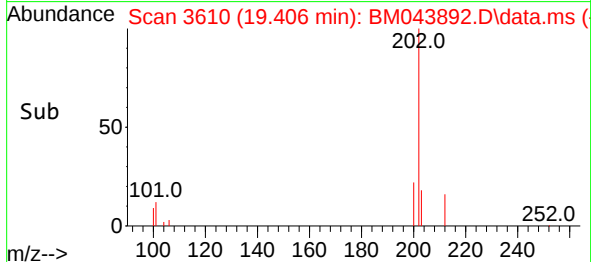
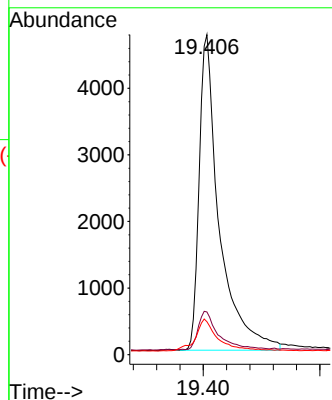
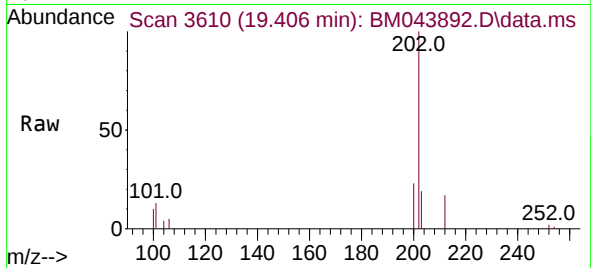




#19
Fluoranthene
Concen: 0.355 ng/ul
RT: 19.406 min Scan# 3610
Delta R.T. 0.005 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

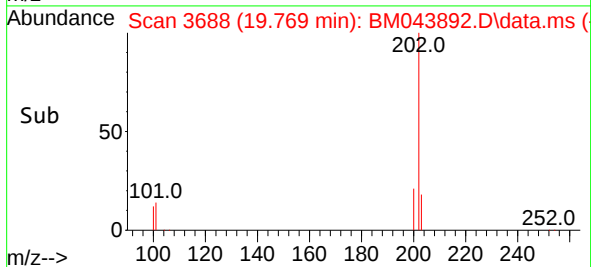
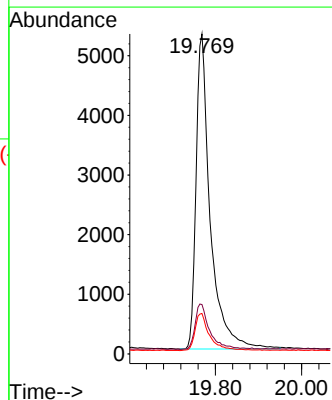
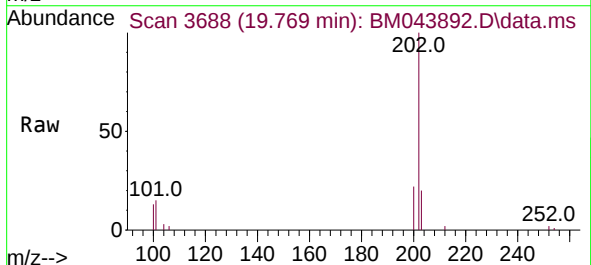
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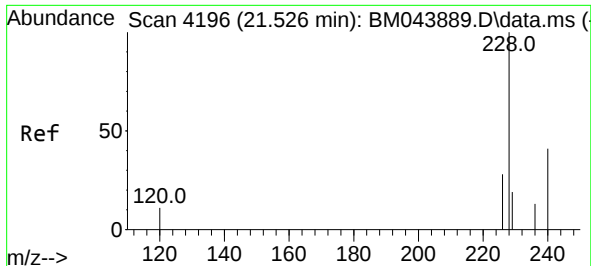
Tgt Ion:	202	Resp:	11309
Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.1	15.1
100	10.3	8.0	12.0



#20
Pyrene
Concen: 0.360 ng/ul
RT: 19.769 min Scan# 3688
Delta R.T. 0.001 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

Tgt Ion:	202	Resp:	12039
Ion	Ratio	Lower	Upper
202	100		
101	15.4	11.9	17.9
100	12.7	9.5	14.3

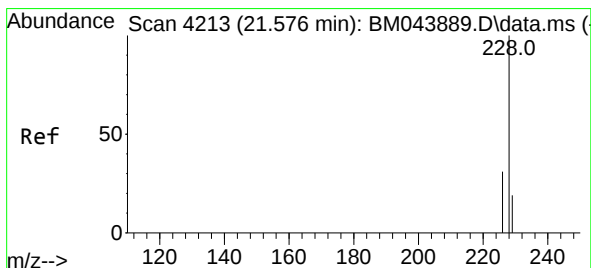
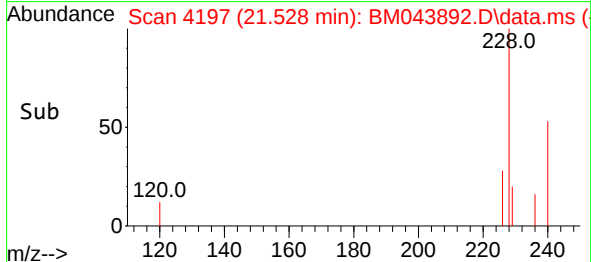
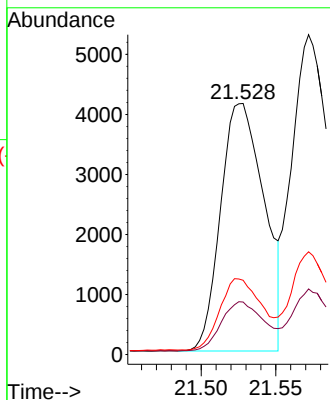
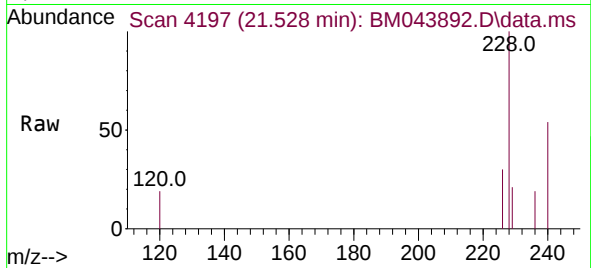




#21
Benzo(a)anthracene
Concen: 0.359 ng/ul
RT: 21.528 min Scan# 4197
Delta R.T. 0.005 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

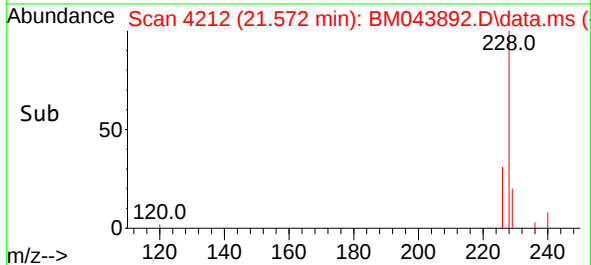
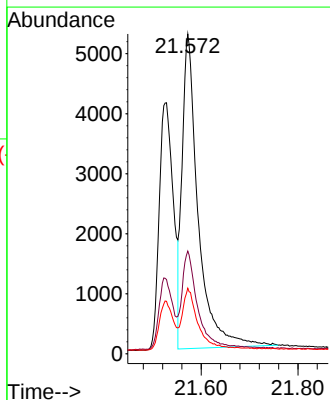
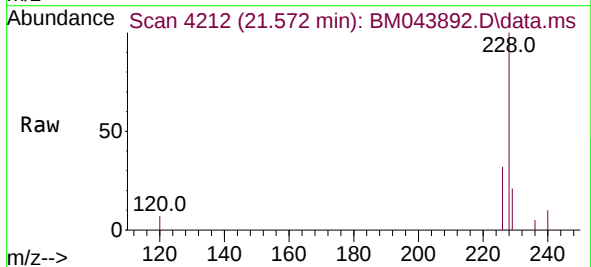
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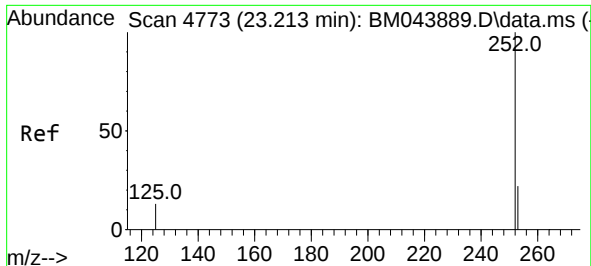
Tgt Ion:228 Resp: 8376
Ion Ratio Lower Upper
228 100
229 20.9 16.5 24.7
226 29.6 23.1 34.7



#22
Chrysene
Concen: 0.386 ng/ul
RT: 21.572 min Scan# 4212
Delta R.T. -0.001 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

Tgt Ion:228 Resp: 12108
Ion Ratio Lower Upper
228 100
226 32.1 26.2 39.2
229 20.5 16.2 24.2

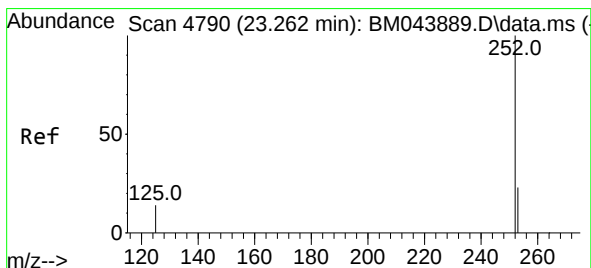
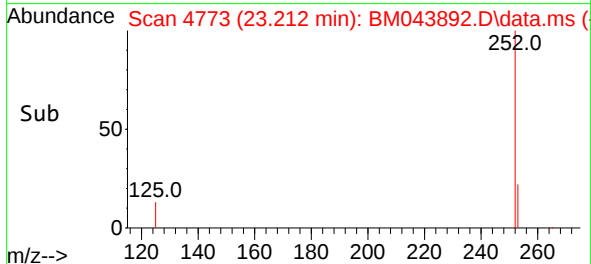
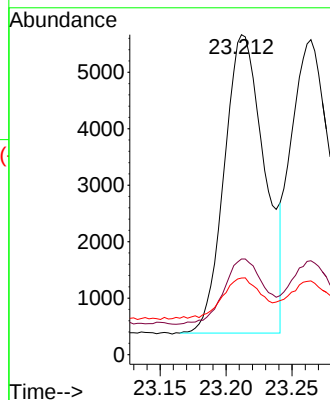
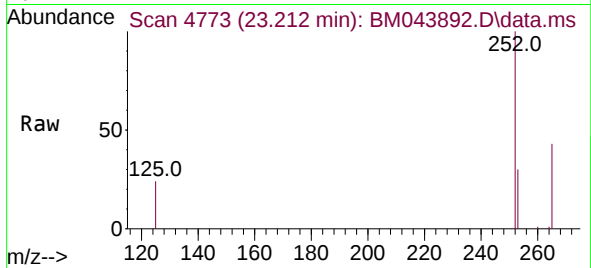




#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 23.212 min Scan# 4773
Delta R.T. -0.004 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

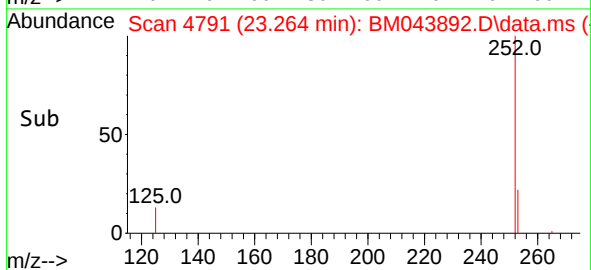
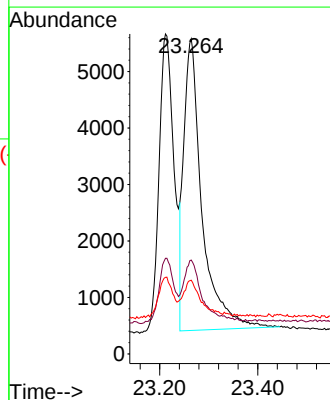
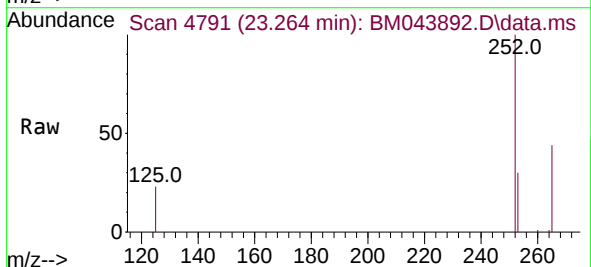
Instrument :
BNA_M
ClientSampleId :
SLCS503

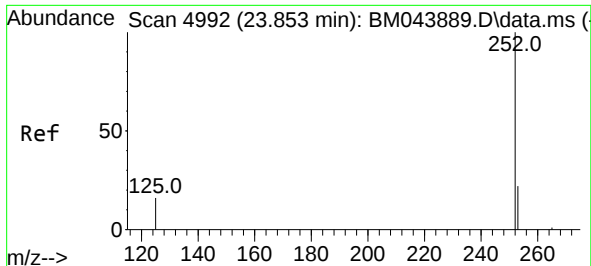
Tgt Ion:252 Resp: 11262
Ion Ratio Lower Upper
252 100
253 29.9 0.0 58.8
125 23.9 0.0 47.2



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 23.264 min Scan# 4791
Delta R.T. -0.001 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

Tgt Ion:252 Resp: 13355
Ion Ratio Lower Upper
252 100
253 29.8 24.2 36.2
125 23.4 17.9 26.9

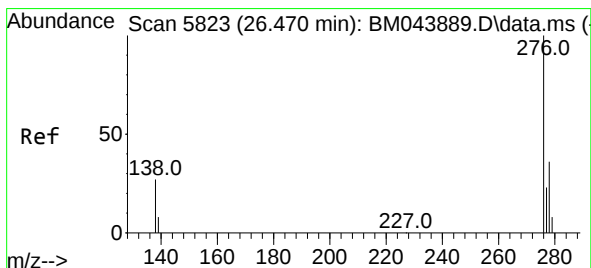
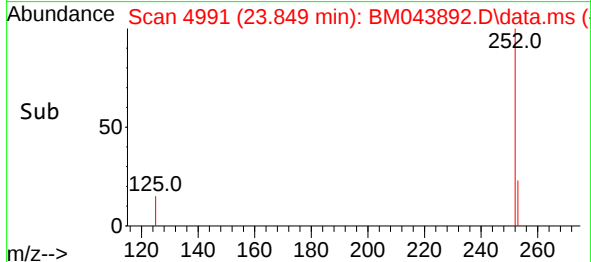
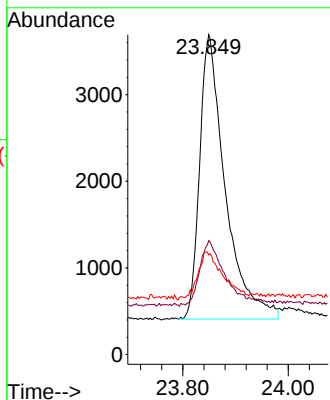
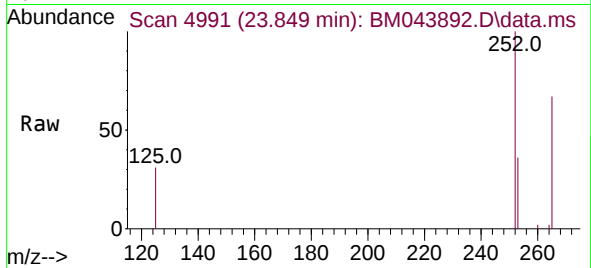




#26
Benzo(a)pyrene
Concen: 0.362 ng/ul
RT: 23.849 min Scan# 4991
Delta R.T. -0.004 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

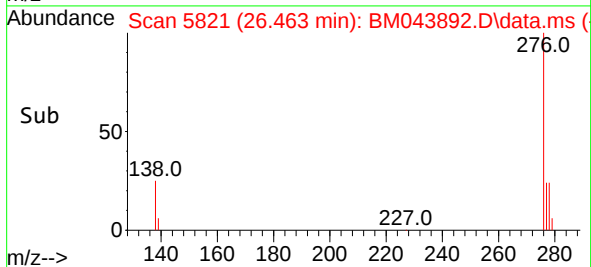
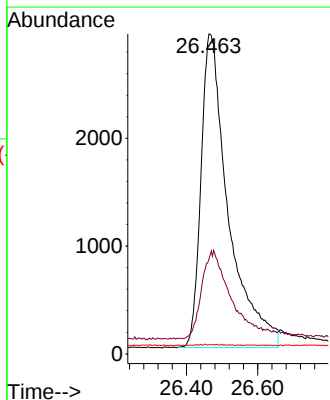
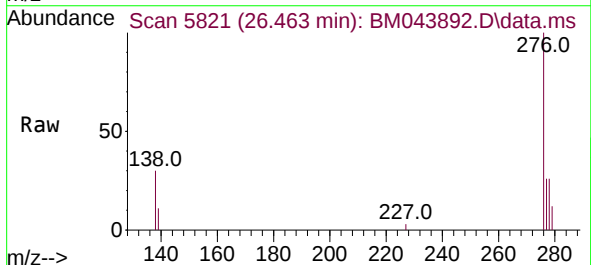
Instrument :
BNA_M
ClientSampleId :
SLCS503

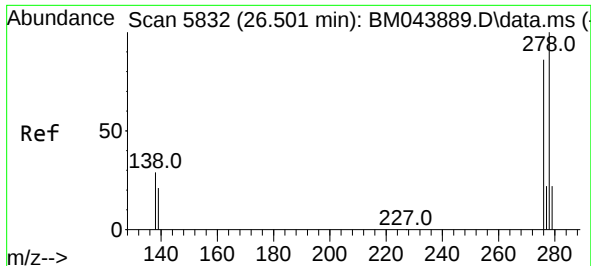
Tgt Ion:252 Resp: 11032
Ion Ratio Lower Upper
252 100
253 35.6 28.6 42.8
125 31.2 26.9 40.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng/ul
RT: 26.463 min Scan# 5821
Delta R.T. -0.014 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

Tgt Ion:276 Resp: 15523
Ion Ratio Lower Upper
276 100
138 0.0 24.6 36.8#
227 0.1 0.1 0.1#

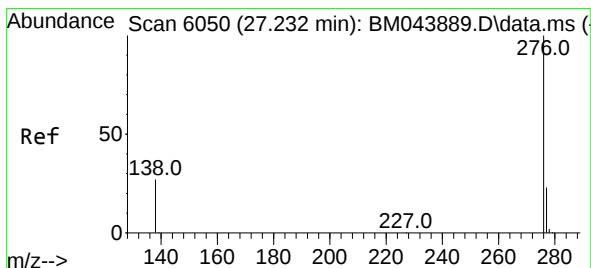
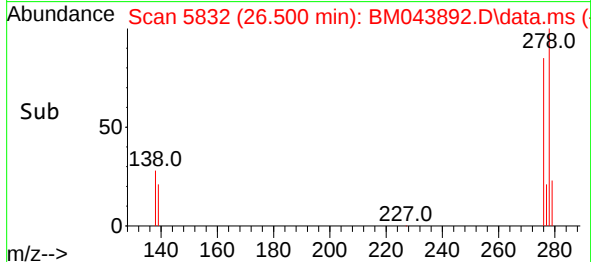
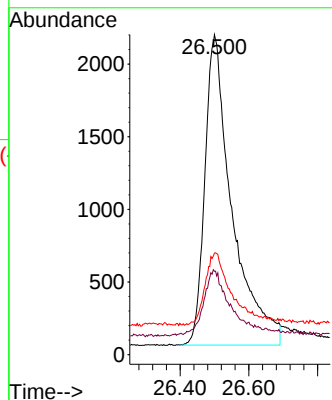
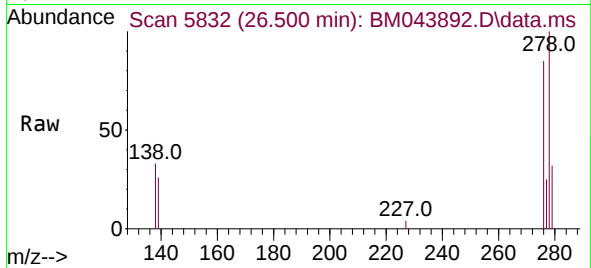




#28
Dibenzo(a,h)anthracene
Concen: 0.391 ng/ul
RT: 26.500 min Scan# 5832
Delta R.T. -0.011 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

Instrument :
BNA_M
ClientSampleId :
SLCS503

Tgt Ion:278 Resp: 11736
Ion Ratio Lower Upper
278 100
139 26.0 21.1 31.7
279 31.7 25.8 38.6



#29
Benzo(g,h,i)perylene
Concen: 0.397 ng/ul
RT: 27.234 min Scan# 6051
Delta R.T. -0.011 min
Lab File: BM043892.D
Acq: 22 Jan 2024 19:42

Tgt Ion:276 Resp: 13939
Ion Ratio Lower Upper
276 100
138 31.9 24.0 36.0
277 26.2 20.6 31.0

