

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
 Data File : BM044935.D
 Acq On : 05 Apr 2024 04:03
 Operator : MA/JU
 Sample : PB159990BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS990

Quant Time: Apr 05 04:35:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 23:34:03 2024
 Response via : Initial Calibration

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

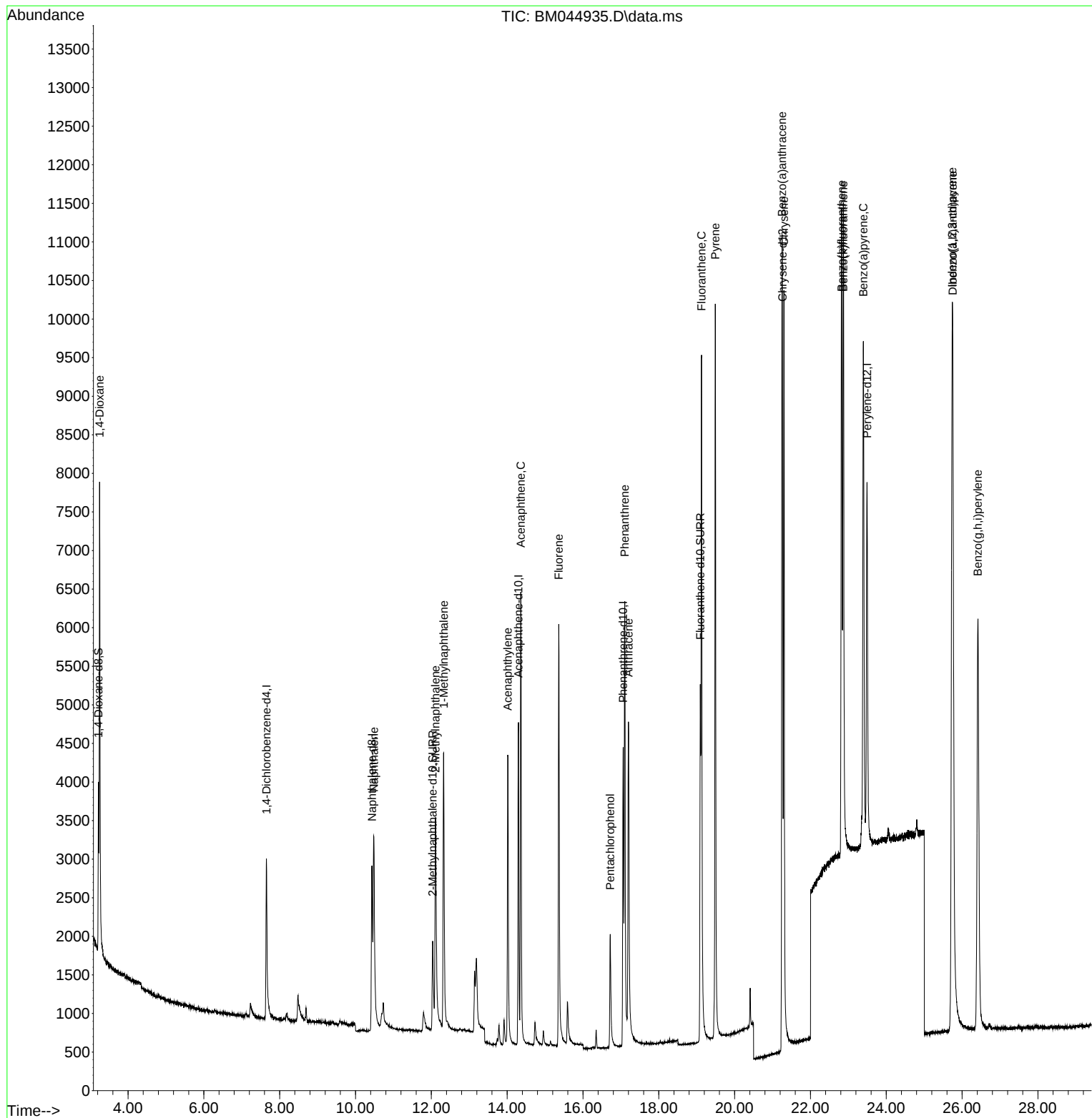
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	1495	0.400	ng/ul	0.00
4) Naphthalene-d8	10.435	136	4646	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.298	164	2673	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.061	188	5905	0.400	ng/ul	0.00
17) Chrysene-d12	21.262	240	5381	0.400	ng/ul	0.00
23) Perylene-d12	23.492	264	7021	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	1525	0.777	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	2568	0.408	ng/ul	-0.02
18) Fluoranthene-d10	19.095	212	6418	0.472	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.251	88	4367	2.320	ng/ul#	81
5) Naphthalene	10.484	128	5173	0.420	ng/ul	100
7) 2-Methylnaphthalene	12.112	142	3163	0.430	ng/ul	100
8) 1-Methylnaphthalene	12.327	142	3371	0.419	ng/ul	98
10) Acenaphthylene	14.016	152	5599	0.420	ng/ul	98
11) Acenaphthene	14.358	153	3976	0.416	ng/ul	99
12) Fluorene	15.362	166	4480	0.419	ng/ul	99
14) Pentachlorophenol	16.719	266	1526	1.102	ng/ul	98
15) Phenanthrene	17.103	178	7345	0.442	ng/ul	98
16) Anthracene	17.200	178	7459	0.456	ng/ul	100
19) Fluoranthene	19.127	202	9347	0.486	ng/ul	99
20) Pyrene	19.490	202	9848	0.485	ng/ul	98
21) Benzo(a)anthracene	21.251	228	9088	0.485	ng/ul	99
22) Chrysene	21.300	228	10693	0.457	ng/ul	99
24) Benzo(b)fluoranthene	22.823	252	11433	0.451	ng/ul	99
25) Benzo(k)fluoranthene	22.867	252	12503	0.440	ng/ul	100
26) Benzo(a)pyrene	23.396	252	11162	0.461	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.738	276	15161	0.457	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.755	278	11958	0.455	ng/ul	98
29) Benzo(g,h,i)perylene	26.416	276	12752	0.446	ng/ul	99

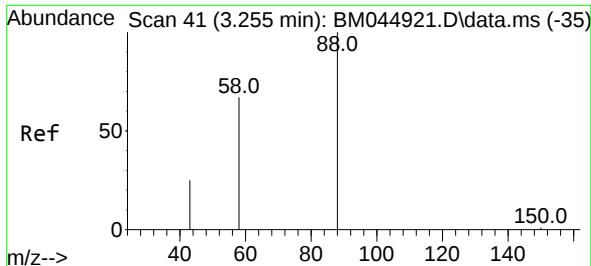
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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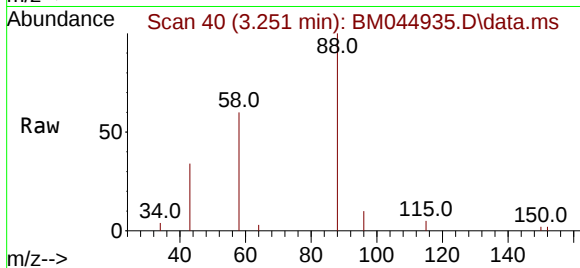
Quant Time: Apr 05 04:35:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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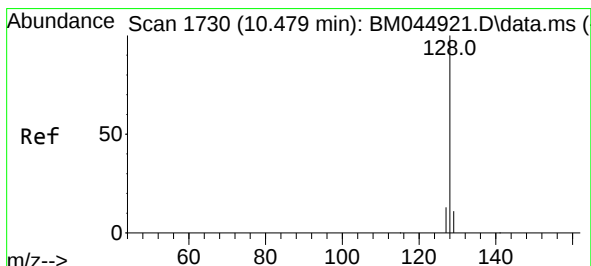
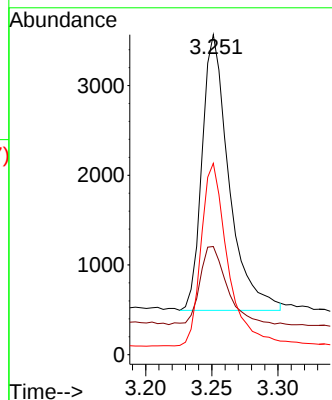
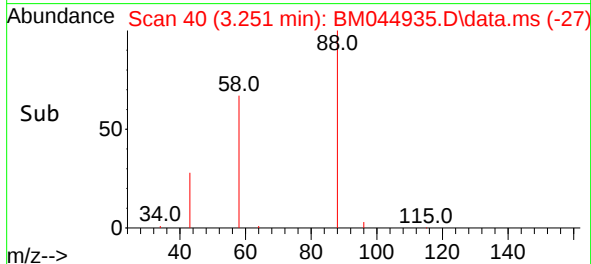


#2
1,4-Dioxane
Concen: 2.320 ng/ul
RT: 3.251 min Scan# 40
Delta R.T. -0.004 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

Instrument :
BNA_M
ClientSampleId :
SLCS990

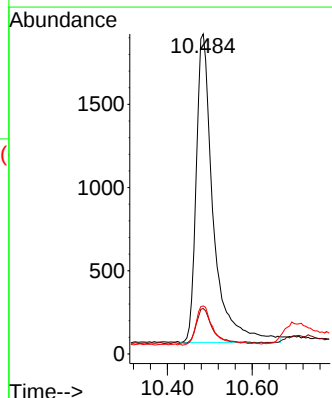
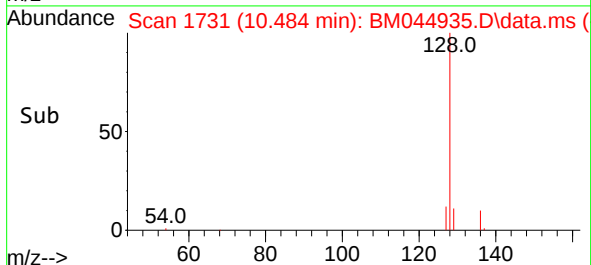
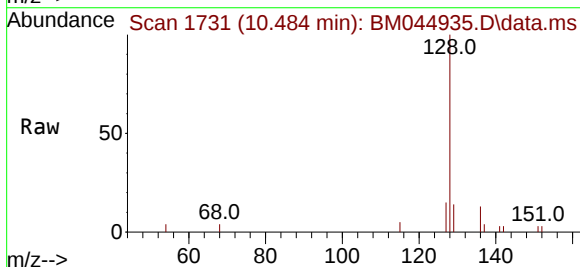


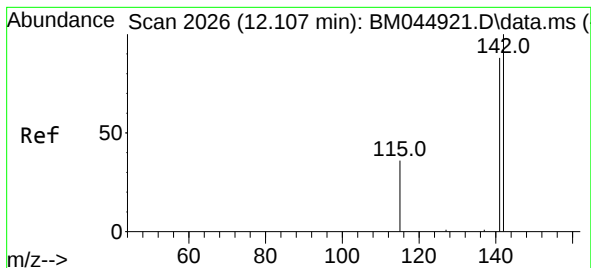
Tgt Ion: 88 Resp: 4367
Ion Ratio Lower Upper
88 100
43 33.8 30.6 46.0
58 59.8 32.6 48.8#



#5
Naphthalene
Concen: 0.420 ng/ul
RT: 10.484 min Scan# 1731
Delta R.T. -0.011 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

Tgt Ion: 128 Resp: 5173
Ion Ratio Lower Upper
128 100
129 14.2 11.3 16.9
127 15.0 11.9 17.9

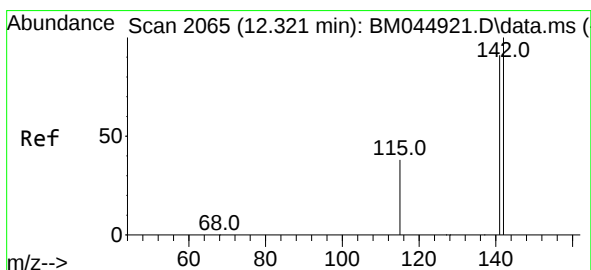
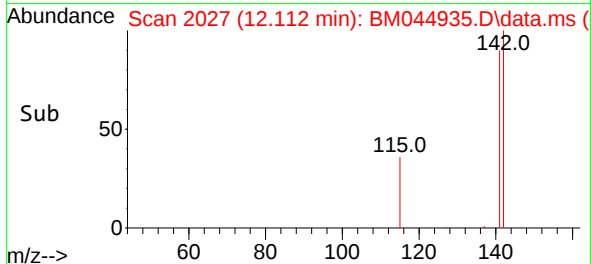
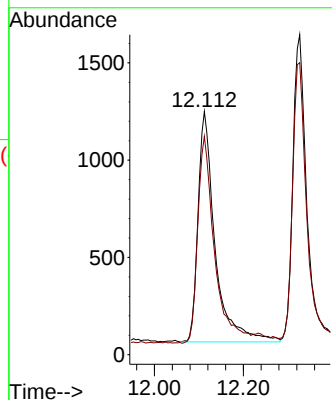
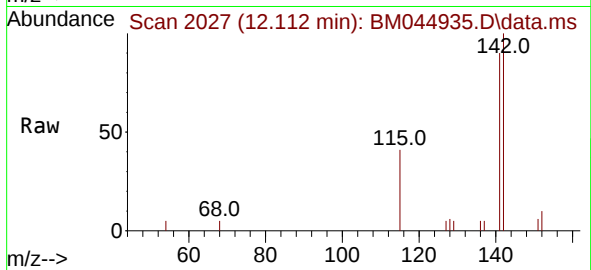




#7
2-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.112 min Scan# 2027
Delta R.T. -0.017 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

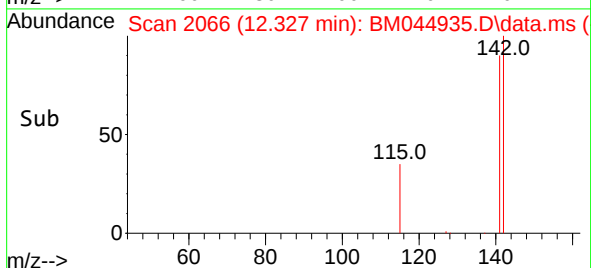
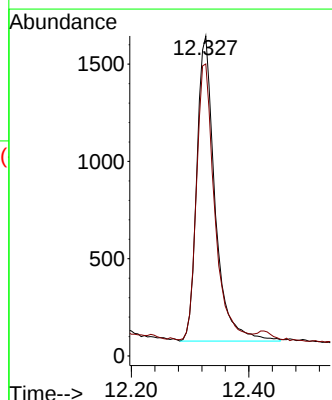
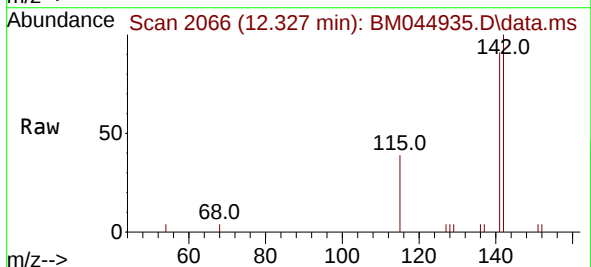
Instrument :
BNA_M
ClientSampleId :
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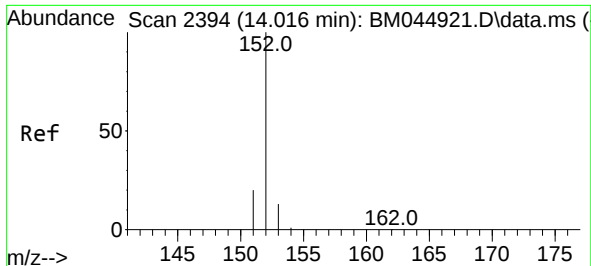
Tgt Ion:142 Resp: 3163
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

Tgt Ion:142 Resp: 3371
Ion Ratio Lower Upper
142 100
141 90.4 74.2 111.2

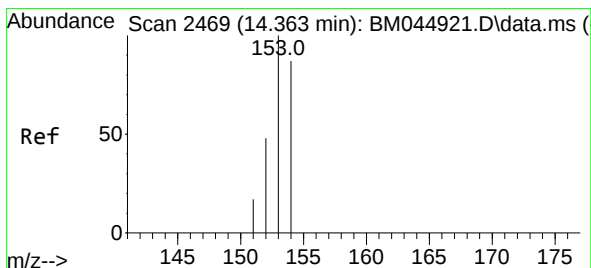
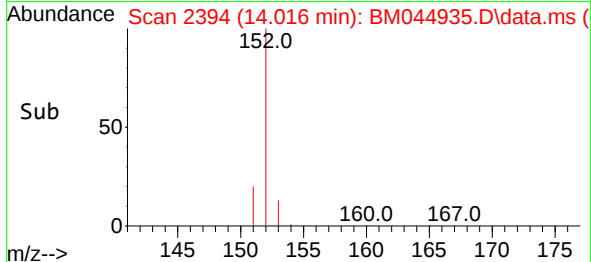
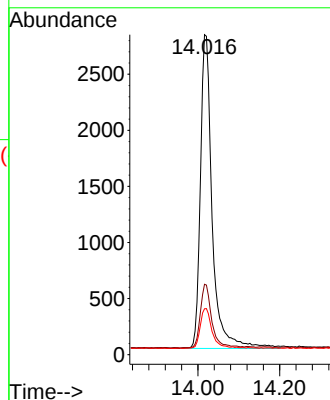
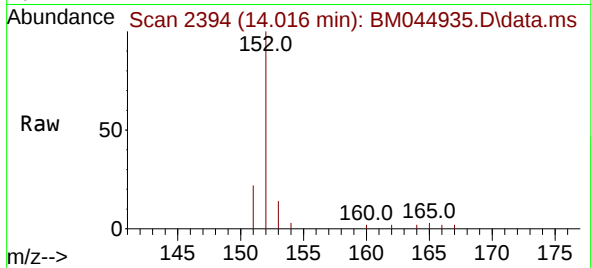




#10
Acenaphthylene
Concen: 0.420 ng/ul
RT: 14.016 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

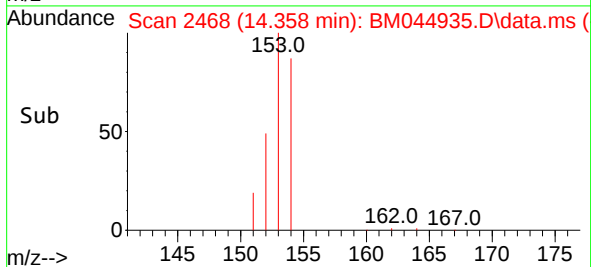
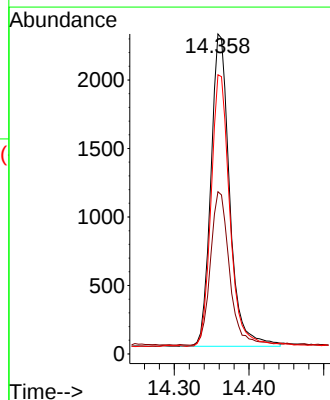
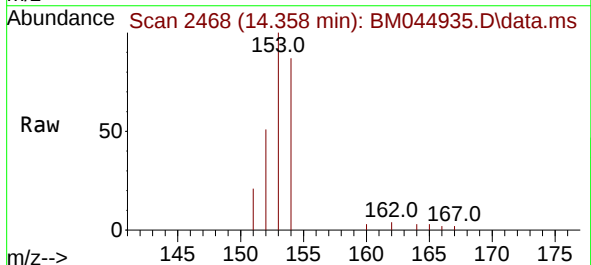
Instrument :
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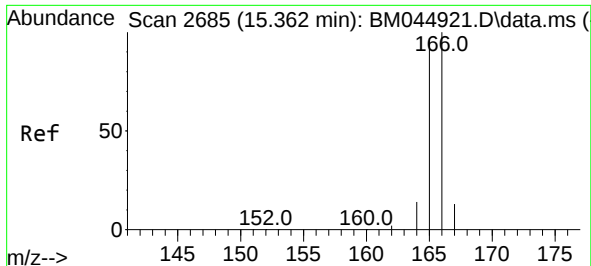
Tgt Ion:152 Resp: 5599
Ion Ratio Lower Upper
152 100
151 22.0 17.0 25.4
153 14.3 11.9 17.9



#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.358 min Scan# 2468
Delta R.T. -0.008 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

Tgt Ion:153 Resp: 3976
Ion Ratio Lower Upper
153 100
152 50.7 41.2 61.8
154 87.2 69.4 104.0

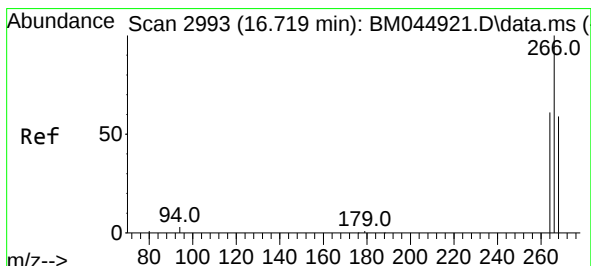
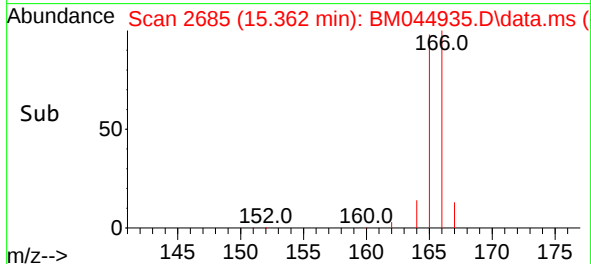
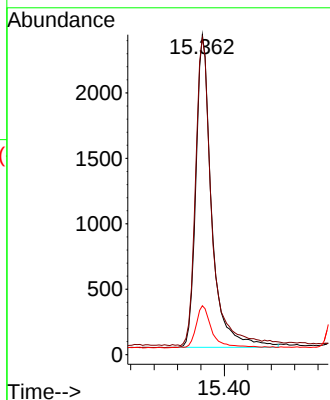
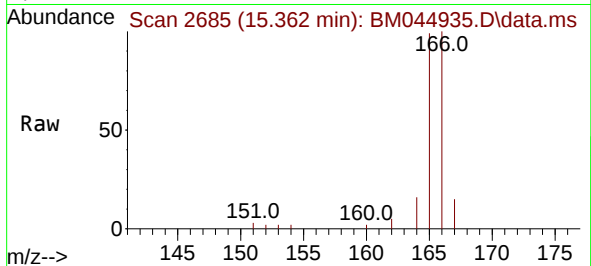




#12
 Fluorene
 Concen: 0.419 ng/ul
 RT: 15.362 min Scan# 2093
 Delta R.T. -0.013 min
 Lab File: BM044935.D
 Acq: 05 Apr 2024 04:03

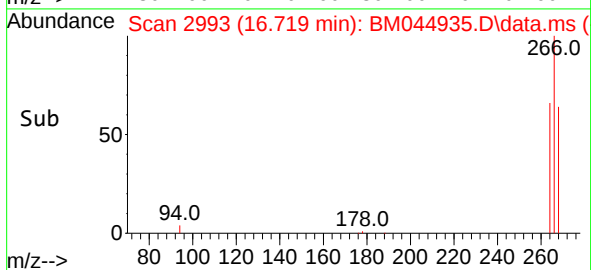
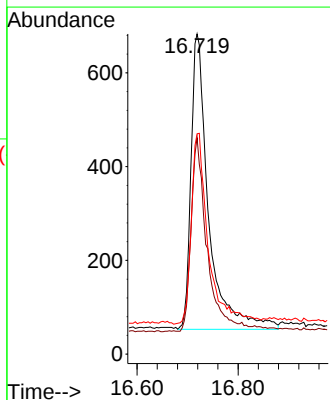
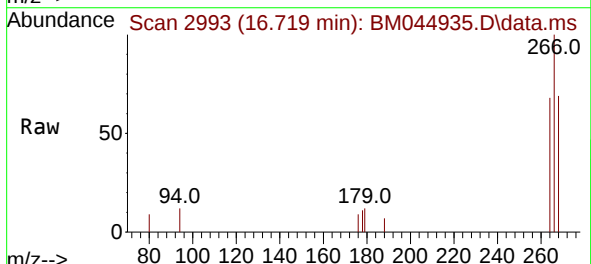
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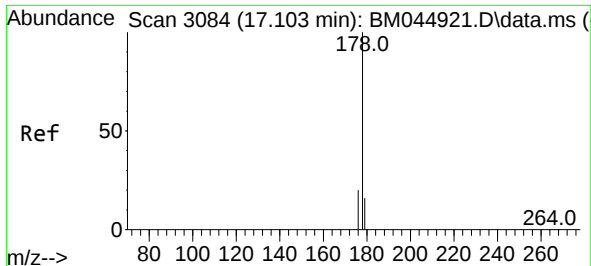
Tgt Ion:166 Resp: 4480
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.9 119.9
 167 15.3 12.2 18.2



#14
 Pentachlorophenol
 Concen: 1.102 ng/ul
 RT: 16.719 min Scan# 2993
 Delta R.T. -0.016 min
 Lab File: BM044935.D
 Acq: 05 Apr 2024 04:03

Tgt Ion:266 Resp: 1526
 Ion Ratio Lower Upper
 266 100
 264 61.1 48.3 72.5
 268 63.6 52.6 79.0

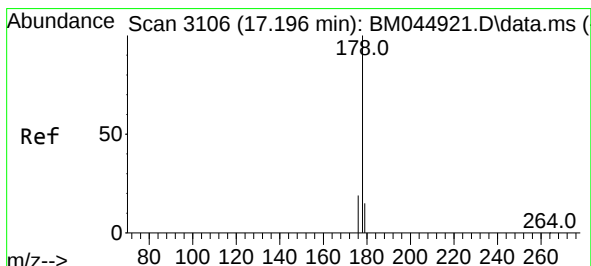
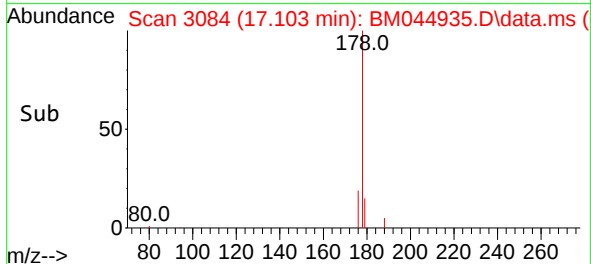
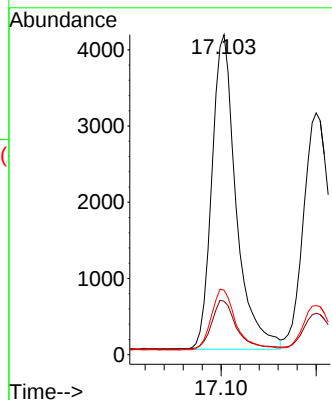
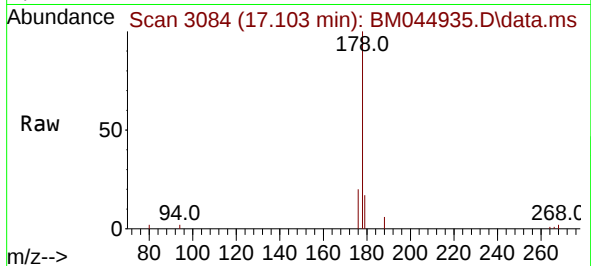




#15
Phenanthrene
Concen: 0.442 ng/ul
RT: 17.103 min Scan# 3084
Delta R.T. -0.008 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

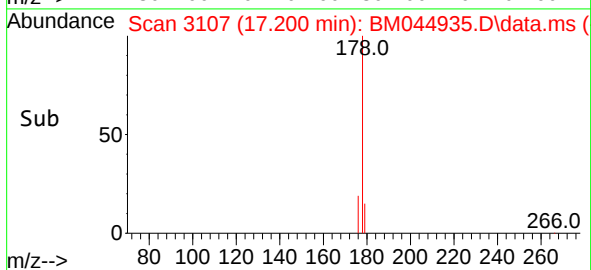
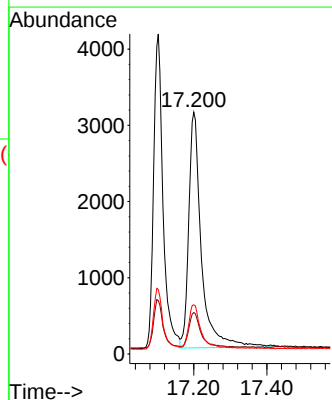
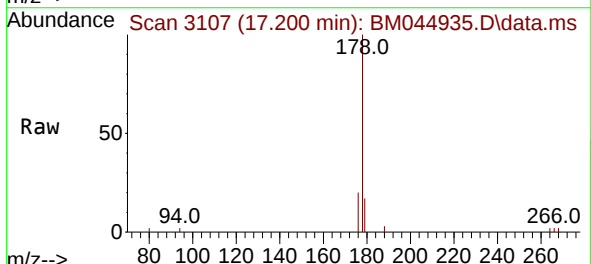
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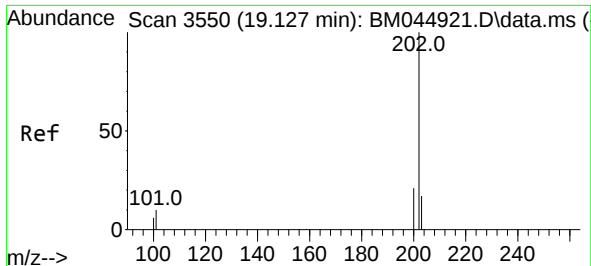
Tgt Ion:178 Resp: 7345
Ion Ratio Lower Upper
178 100
179 16.7 13.7 20.5
176 20.2 17.0 25.4



#16
Anthracene
Concen: 0.456 ng/ul
RT: 17.200 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

Tgt Ion:178 Resp: 7459
Ion Ratio Lower Upper
178 100
179 17.1 13.8 20.8
176 20.3 16.2 24.4

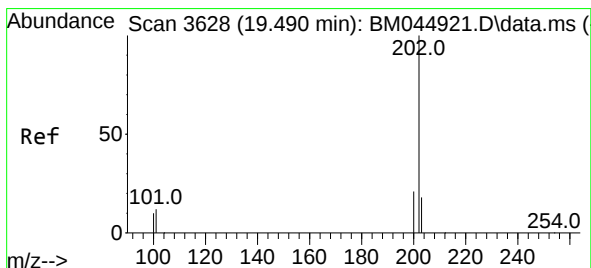
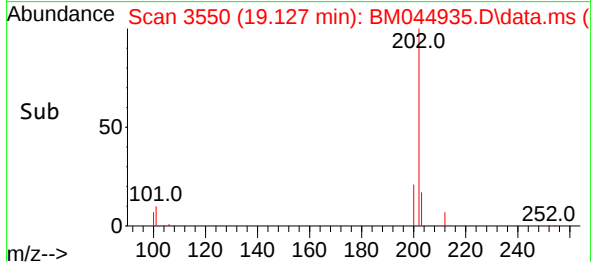
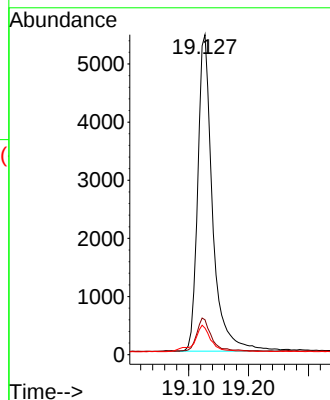
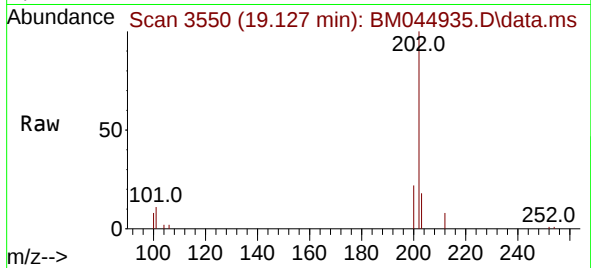




#19
Fluoranthene
Concen: 0.486 ng/ul
RT: 19.127 min Scan# 3550
Delta R.T. -0.008 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

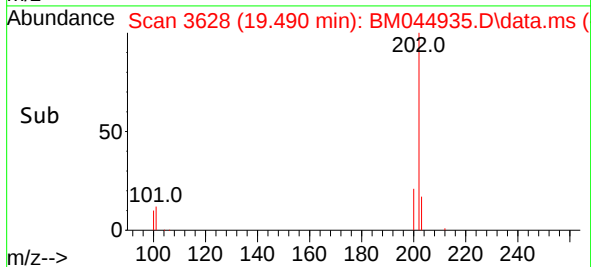
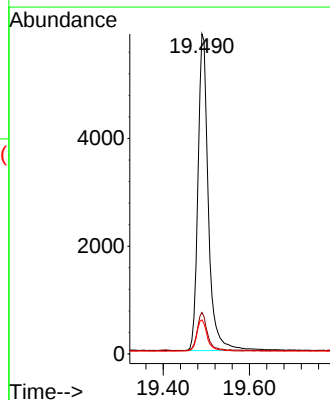
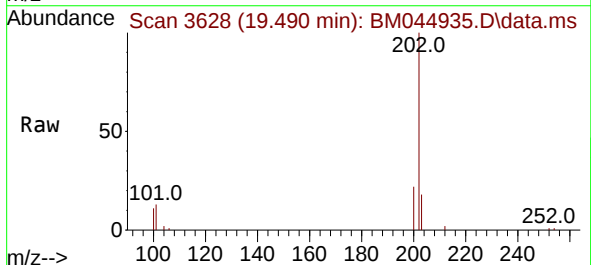
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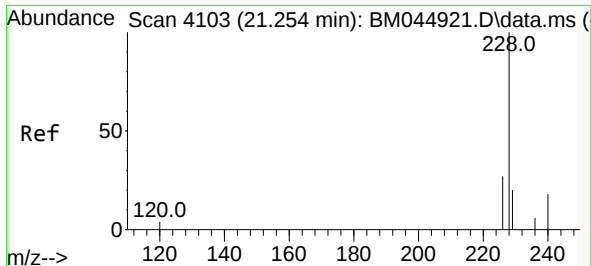
Tgt Ion:202 Resp: 9347
Ion Ratio Lower Upper
202 100
101 10.9 8.8 13.2
100 8.3 7.0 10.4



#20
Pyrene
Concen: 0.485 ng/ul
RT: 19.490 min Scan# 3628
Delta R.T. -0.013 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

Tgt Ion:202 Resp: 9848
Ion Ratio Lower Upper
202 100
101 12.9 9.8 14.6
100 10.7 8.1 12.1

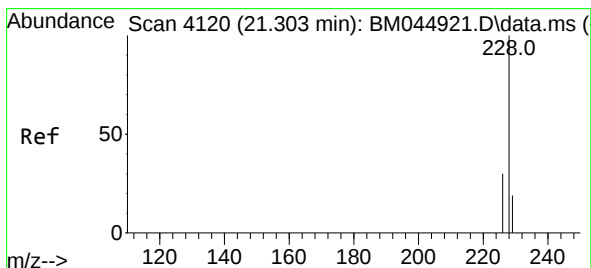
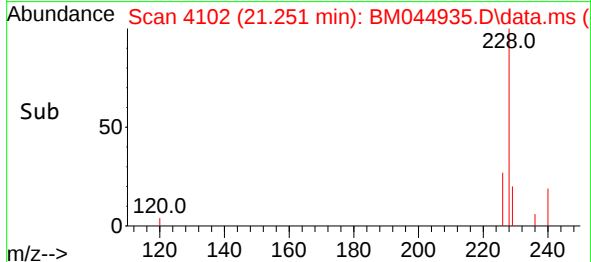
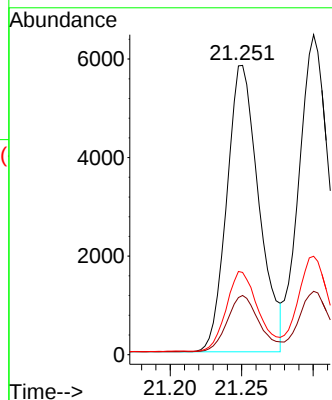
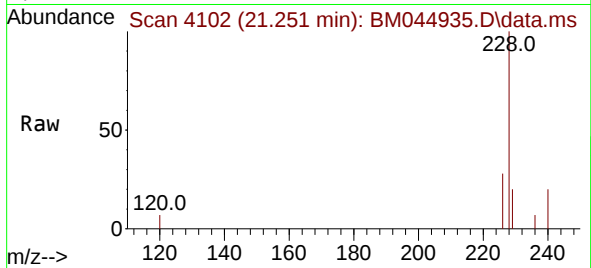




#21
Benzo(a)anthracene
Concen: 0.485 ng/ul
RT: 21.251 min Scan# 4119
Delta R.T. -0.010 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

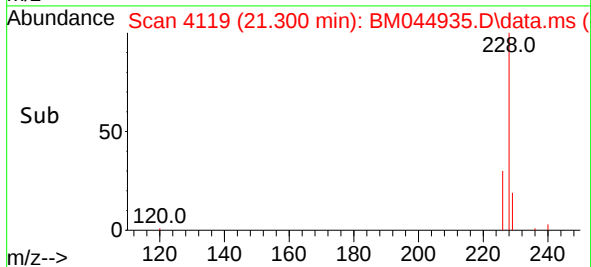
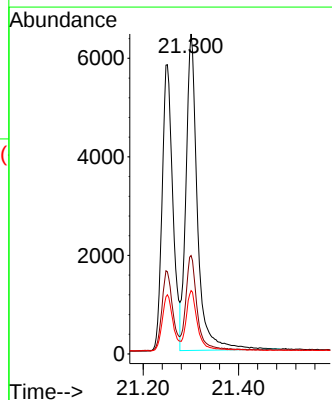
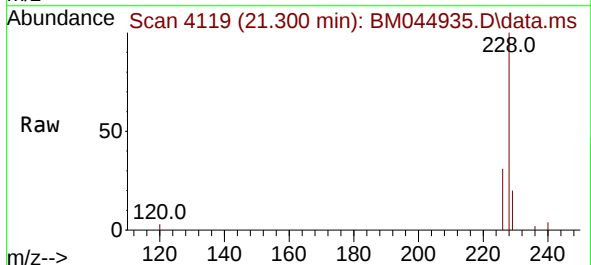
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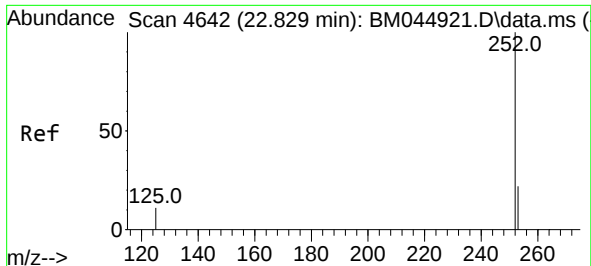
Tgt Ion:228 Resp: 9088
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 28.4 22.3 33.5



#22
Chrysene
Concen: 0.457 ng/ul
RT: 21.300 min Scan# 4119
Delta R.T. -0.010 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

Tgt Ion:228 Resp: 10693
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 19.8 15.9 23.9

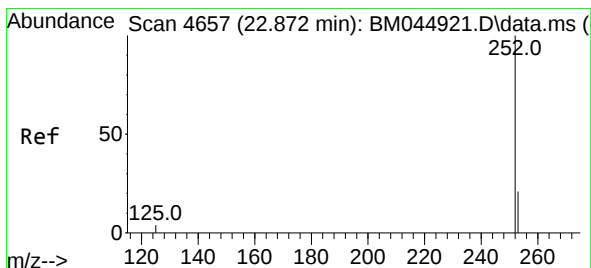
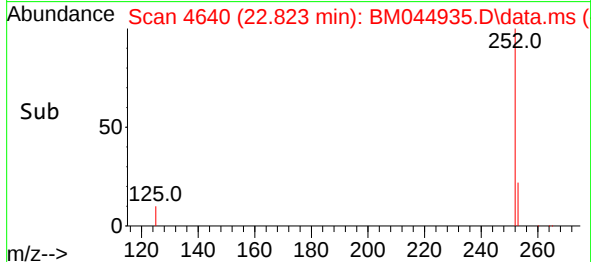
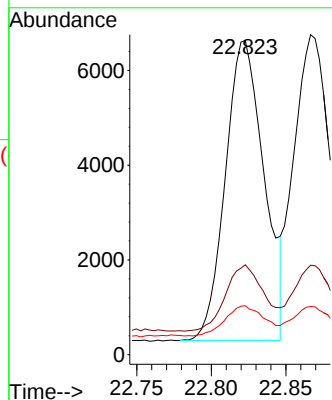
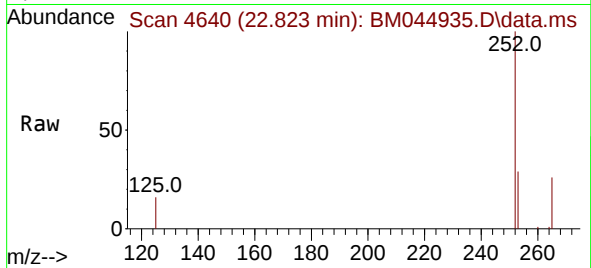




#24
Benzo(b)fluoranthene
Concen: 0.451 ng/ul
RT: 22.823 min Scan# 4640
Delta R.T. -0.013 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

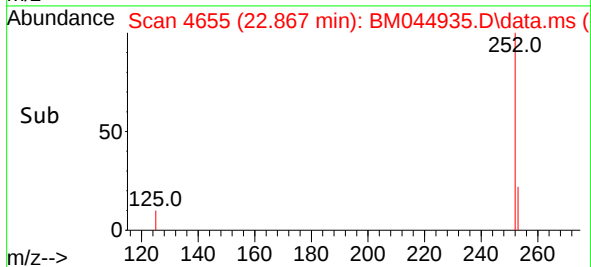
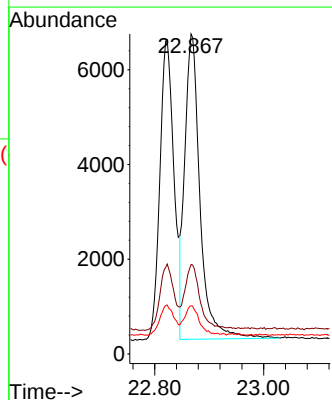
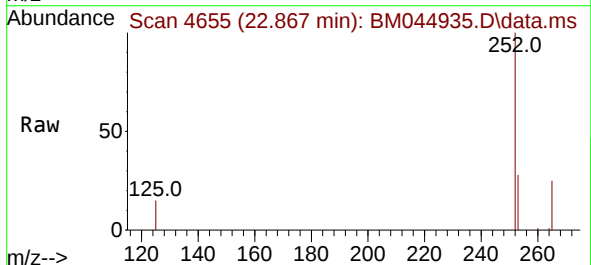
Instrument :
BNA_M
ClientSampleId :
SLCS990

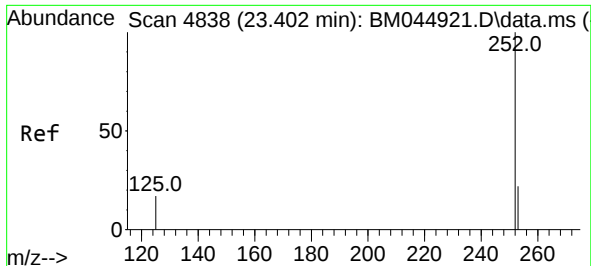
Tgt Ion:252 Resp: 11433
Ion Ratio Lower Upper
252 100
253 28.6 0.0 56.4
125 15.6 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.440 ng/ul
RT: 22.867 min Scan# 4655
Delta R.T. -0.016 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

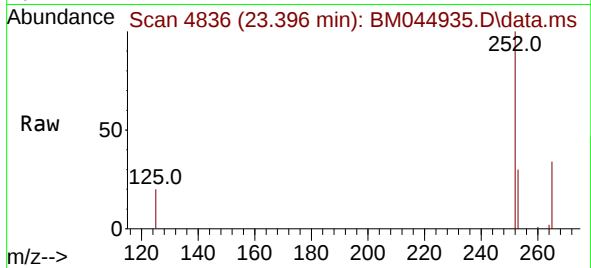
Tgt Ion:252 Resp: 12503
Ion Ratio Lower Upper
252 100
253 27.9 22.3 33.5
125 15.0 11.6 17.4



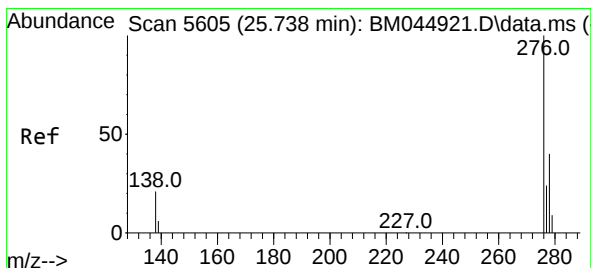
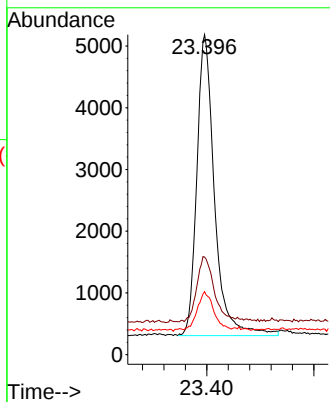
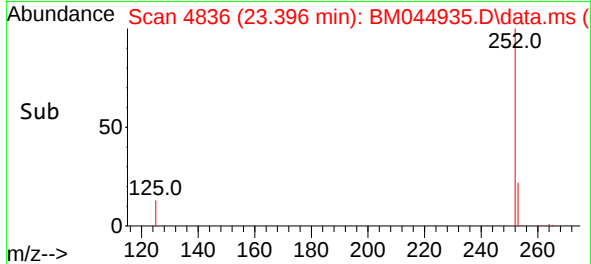


#26
Benzo(a)pyrene
Concen: 0.461 ng/ul
RT: 23.396 min Scan# 4836
Delta R.T. -0.018 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

Instrument :
BNA_M
ClientSampleId :
SLCS990

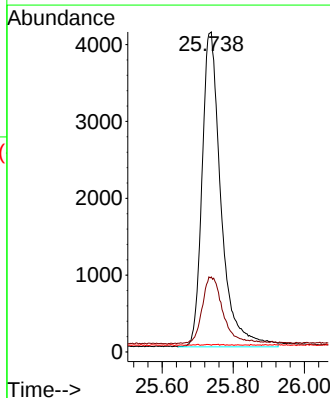
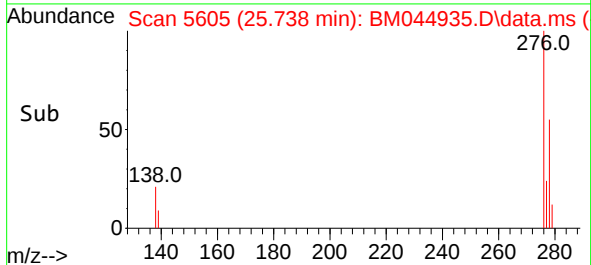
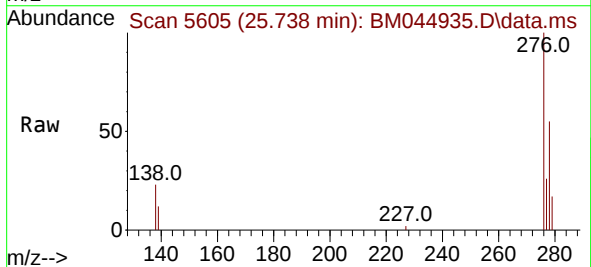


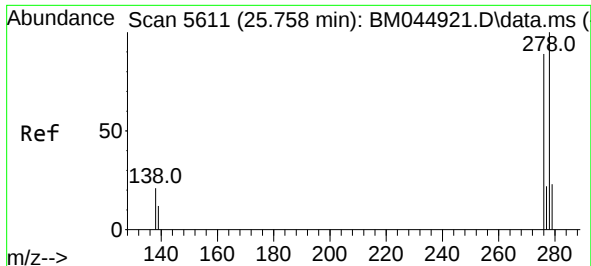
Tgt Ion:252 Resp: 11162
Ion Ratio Lower Upper
252 100
253 30.5 24.6 37.0
125 19.7 18.2 27.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.457 ng/ul
RT: 25.738 min Scan# 5605
Delta R.T. -0.018 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

Tgt Ion:276 Resp: 15161
Ion Ratio Lower Upper
276 100
138 23.1 0.0 0.0#
227 0.1 0.1 0.1#

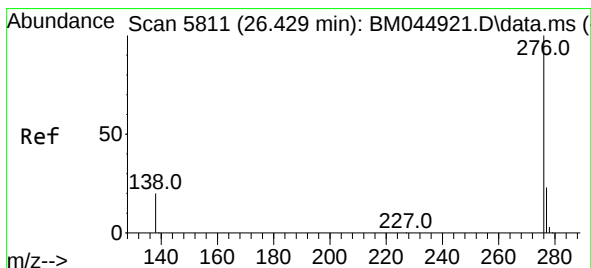
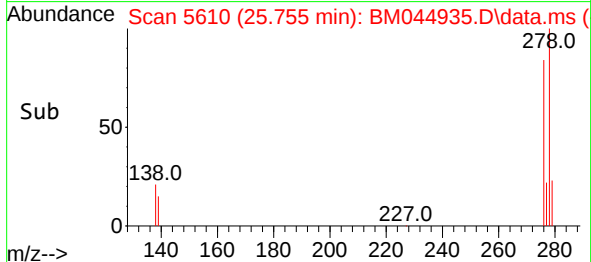
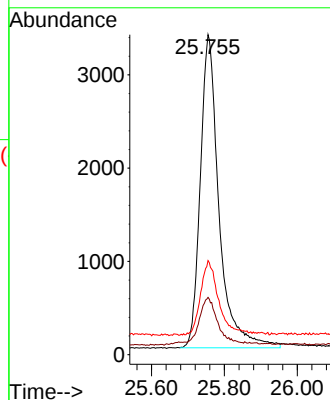
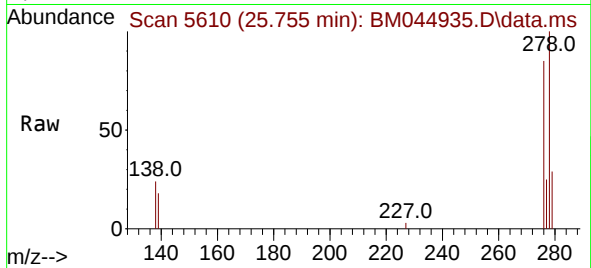




#28
Dibenzo(a,h)anthracene
Concen: 0.455 ng/ul
RT: 25.755 min Scan# 51
Delta R.T. -0.028 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

Instrument :
BNA_M
ClientSampleId :
SLCS990

Tgt Ion:278 Resp: 11958
Ion Ratio Lower Upper
278 100
139 17.9 13.6 20.4
279 29.4 23.0 34.4



#29
Benzo(g,h,i)perylene
Concen: 0.446 ng/ul
RT: 26.416 min Scan# 5807
Delta R.T. -0.024 min
Lab File: BM044935.D
Acq: 05 Apr 2024 04:03

Tgt Ion:276 Resp: 12752
Ion Ratio Lower Upper
276 100
138 22.0 16.8 25.2
277 25.7 20.3 30.5

