

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
 Data File : BM044918.D
 Acq On : 04 Apr 2024 17:12
 Operator : MA/JU
 Sample : PB159946BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS946

Quant Time: Apr 04 18:12:46 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

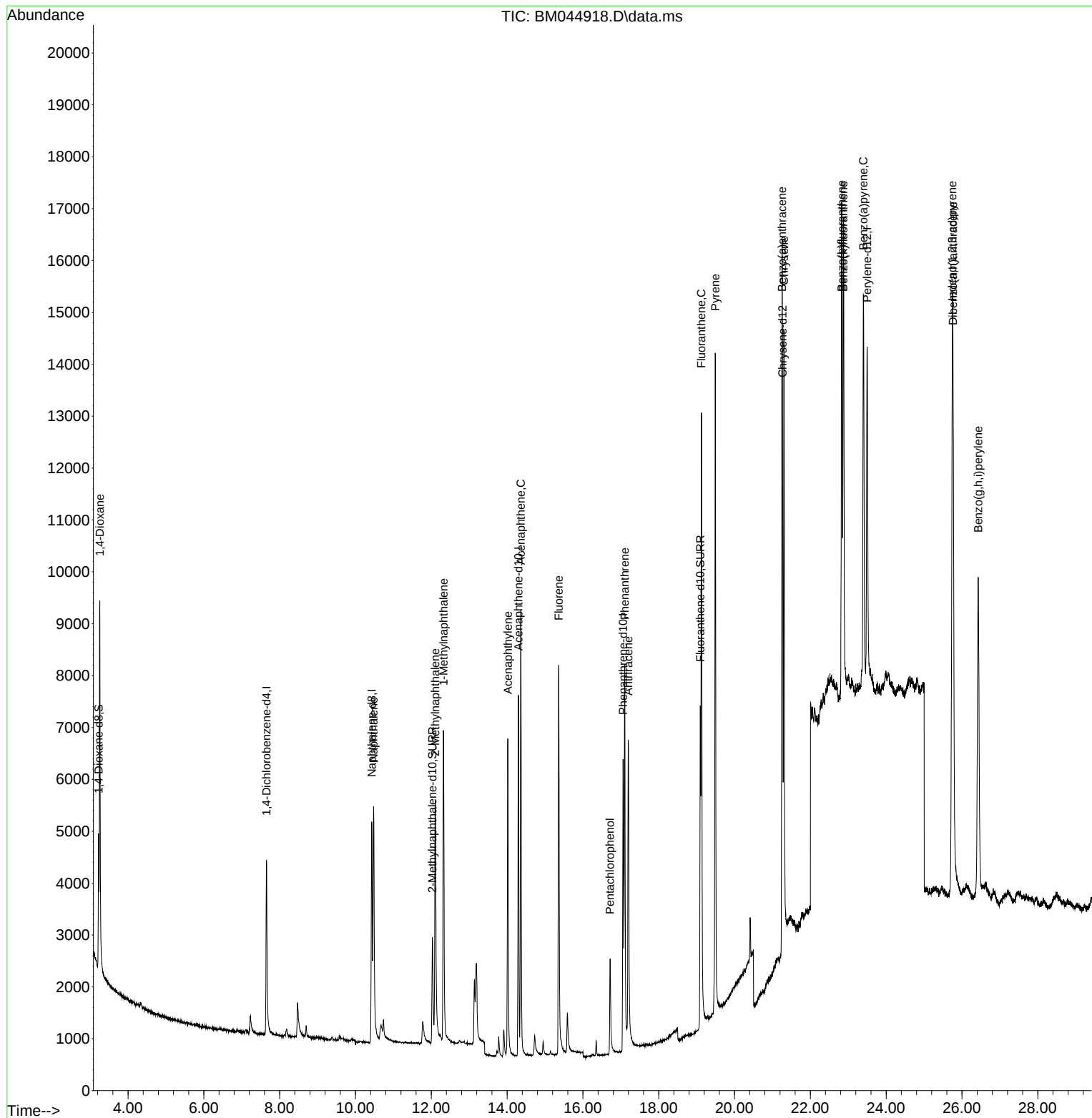
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	2305	0.400	ng/ul	0.00
4) Naphthalene-d8	10.430	136	7759	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.298	164	4065	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.061	188	8054	0.400	ng/ul	0.00
17) Chrysene-d12	21.268	240	7473	0.400	ng/ul	# 0.00
23) Perylene-d12	23.498	264	9290	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.226	96	1871	0.618	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.030	152	3904	0.371	ng/ul	-0.02
18) Fluoranthene-d10	19.099	212	7917	0.419	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.255	88	5215	1.797	ng/ul#	84
5) Naphthalene	10.479	128	7715	0.375	ng/ul	99
7) 2-Methylnaphthalene	12.107	142	4816	0.392	ng/ul	95
8) 1-Methylnaphthalene	12.321	142	5033	0.375	ng/ul	99
10) Acenaphthylene	14.021	152	8205	0.405	ng/ul	99
11) Acenaphthene	14.363	153	5578	0.384	ng/ul	99
12) Fluorene	15.362	166	5947	0.365	ng/ul	100
14) Pentachlorophenol	16.719	266	1780	0.943	ng/ul	96
15) Phenanthrene	17.103	178	9136	0.403	ng/ul	99
16) Anthracene	17.196	178	9326	0.418	ng/ul	100
19) Fluoranthene	19.127	202	11669	0.437	ng/ul	99
20) Pyrene	19.495	202	12462	0.442	ng/ul	100
21) Benzo(a)anthracene	21.254	228	11274	0.433	ng/ul	93
22) Chrysene	21.303	228	12318	0.379	ng/ul#	93
24) Benzo(b)fluoranthene	22.829	252	12513	0.373	ng/ul#	73
25) Benzo(k)fluoranthene	22.873	252	13347	0.355	ng/ul#	74
26) Benzo(a)pyrene	23.399	252	12402	0.387	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.745	276	16119	0.367	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.765	278	13012	0.374	ng/ul#	75
29) Benzo(g,h,i)perylene	26.429	276	13405	0.354	ng/ul#	82

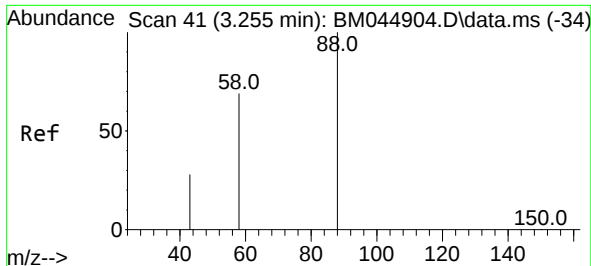
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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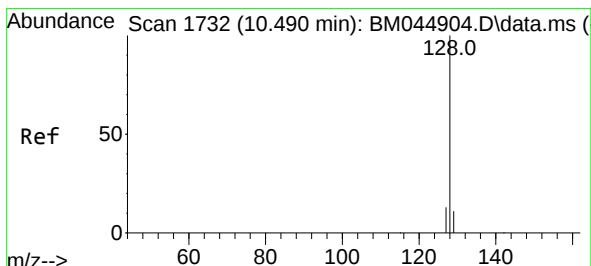
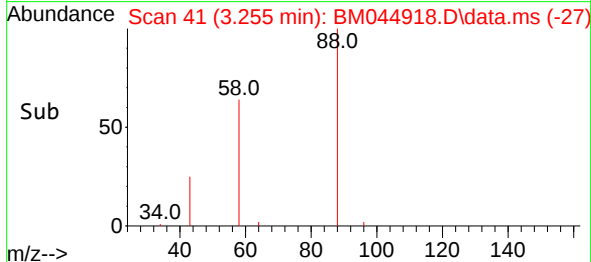
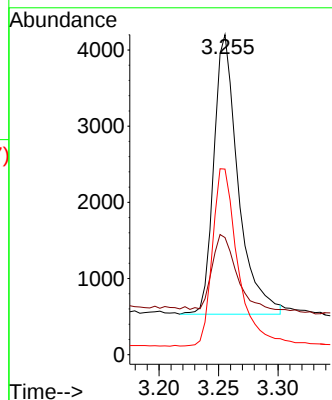
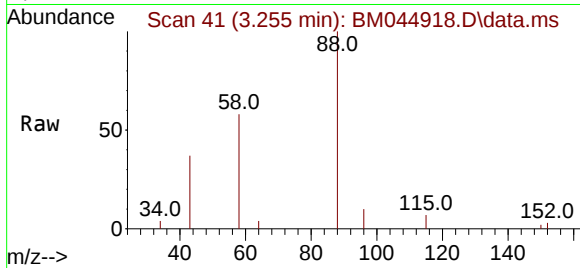




#2
 1,4-Dioxane
 Concen: 1.797 ng/ul
 RT: 3.255 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BM044918.D
 Acq: 04 Apr 2024 17:12

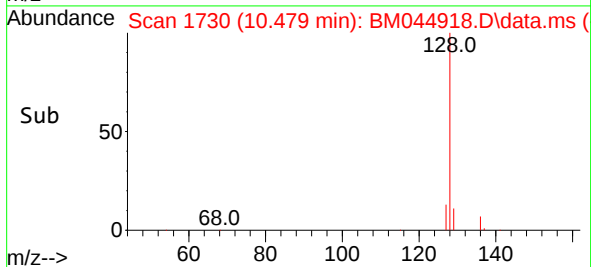
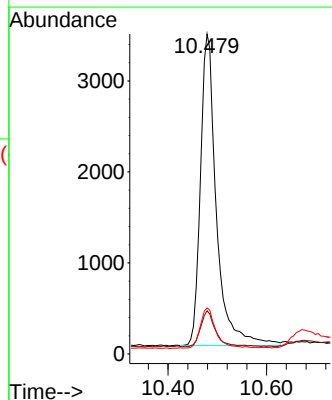
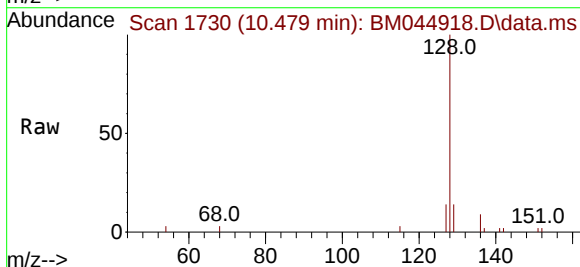
Instrument :
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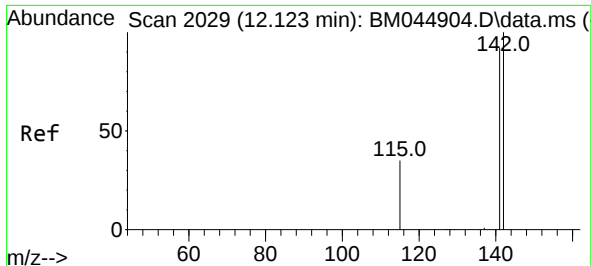
Tgt Ion: 88 Resp: 5215
 Ion Ratio Lower Upper
 88 100
 43 36.6 30.6 46.0
 58 58.0 32.6 48.8#



#5
 Naphthalene
 Concen: 0.375 ng/ul
 RT: 10.479 min Scan# 1730
 Delta R.T. -0.016 min
 Lab File: BM044918.D
 Acq: 04 Apr 2024 17:12

Tgt Ion: 128 Resp: 7715
 Ion Ratio Lower Upper
 128 100
 129 13.5 11.3 16.9
 127 14.4 11.9 17.9

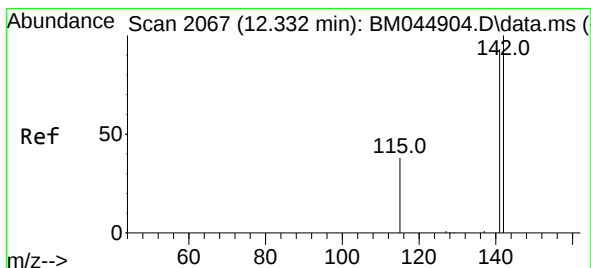
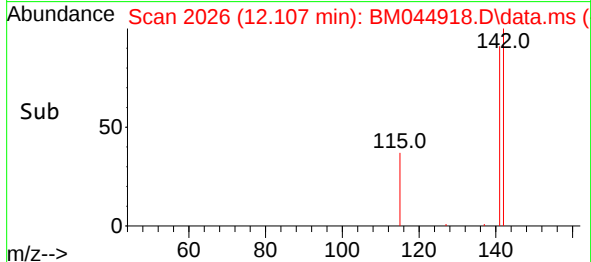
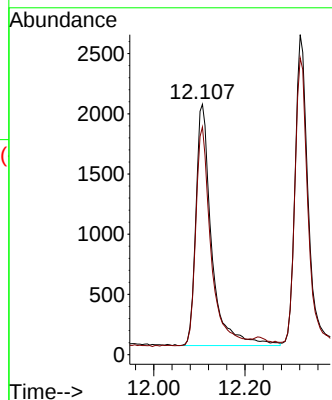
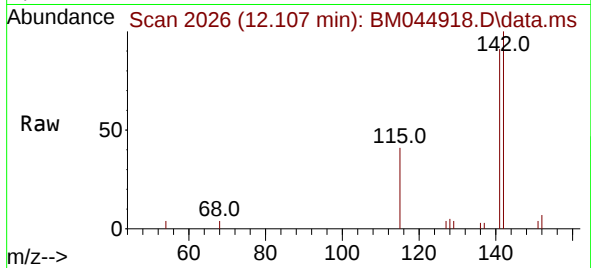




#7
2-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.107 min Scan# 2026
Delta R.T. -0.022 min
Lab File: BM044918.D
Acq: 04 Apr 2024 17:12

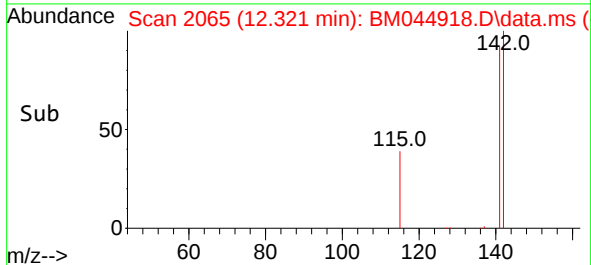
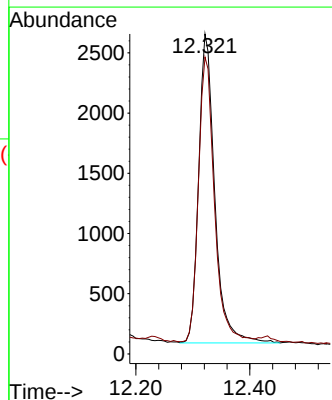
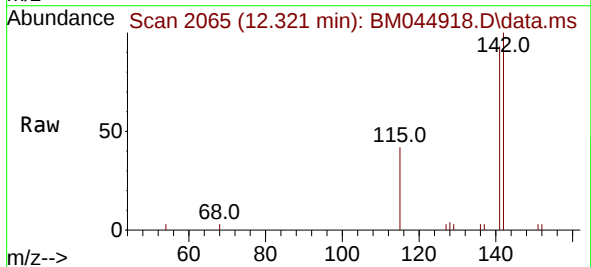
Instrument :
BNA_M
ClientSampleId :
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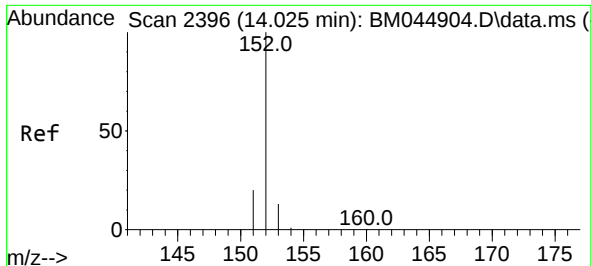
Tgt Ion:142 Resp: 4816
Ion Ratio Lower Upper
142 100
141 87.9 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.321 min Scan# 2065
Delta R.T. -0.016 min
Lab File: BM044918.D
Acq: 04 Apr 2024 17:12

Tgt Ion:142 Resp: 5033
Ion Ratio Lower Upper
142 100
141 91.4 74.2 111.2

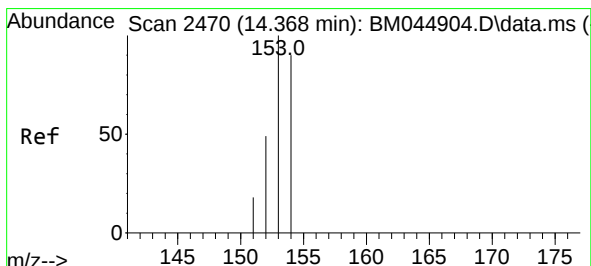
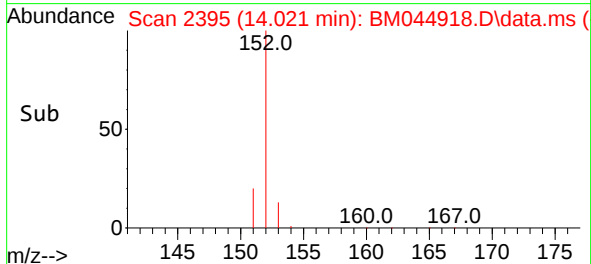
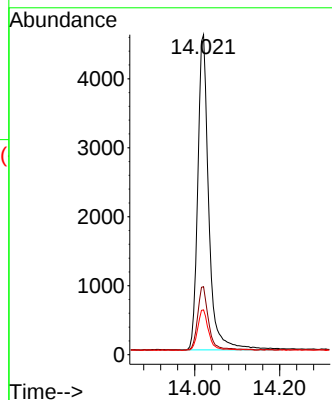
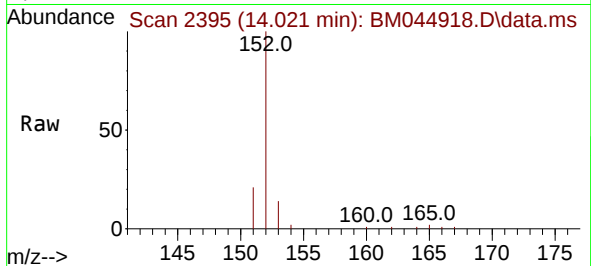




#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.021 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM044918.D
Acq: 04 Apr 2024 17:12

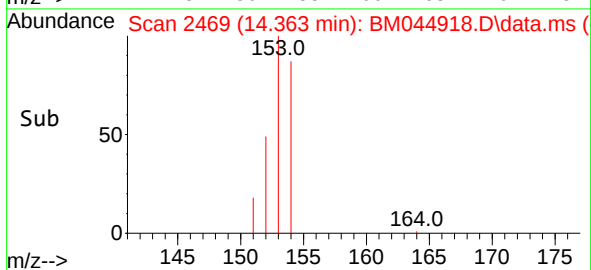
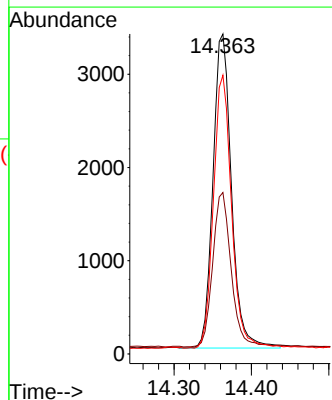
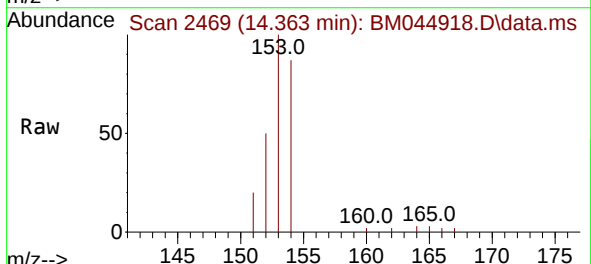
Instrument :
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ClientSampleId :
SLCS946

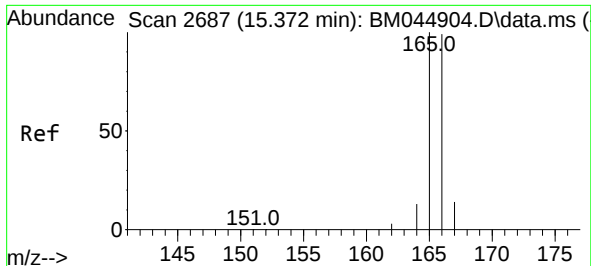
Tgt Ion:152 Resp: 8205
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.4
153 14.0 11.9 17.9



#11
Acenaphthene
Concen: 0.384 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.004 min
Lab File: BM044918.D
Acq: 04 Apr 2024 17:12

Tgt Ion:153 Resp: 5578
Ion Ratio Lower Upper
153 100
152 50.5 41.2 61.8
154 87.1 69.4 104.0

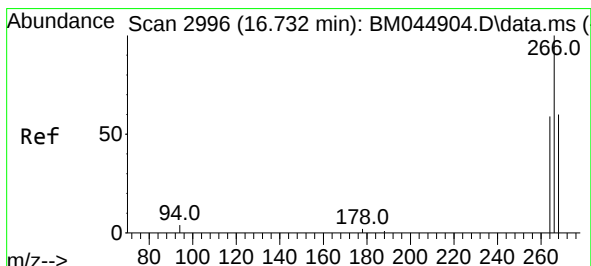
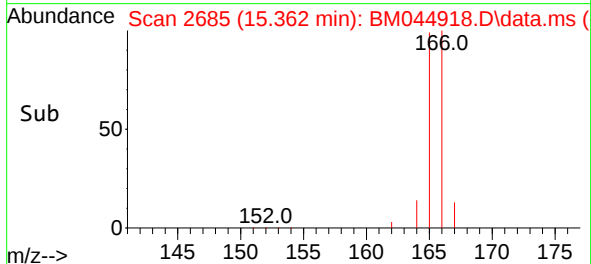
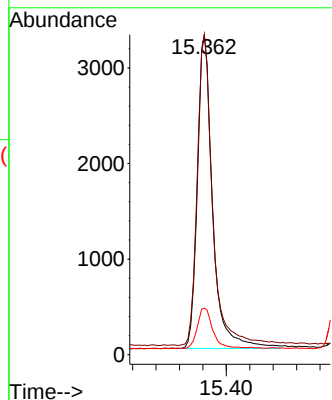
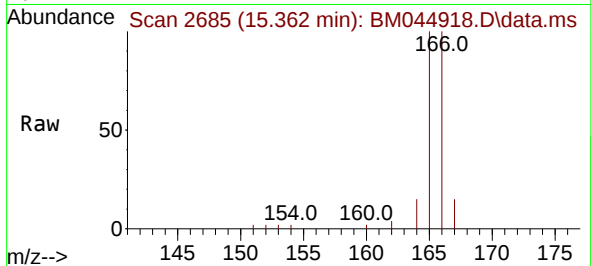




#12
Fluorene
Concen: 0.365 ng/ul
RT: 15.362 min Scan# 2093
Delta R.T. -0.013 min
Lab File: BM044918.D
Acq: 04 Apr 2024 17:12

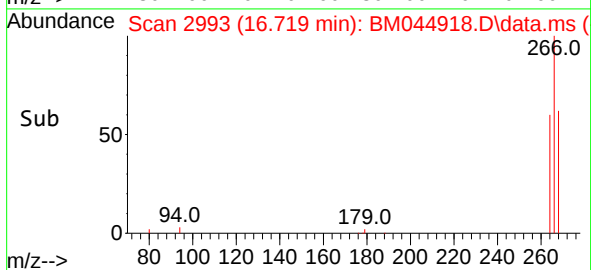
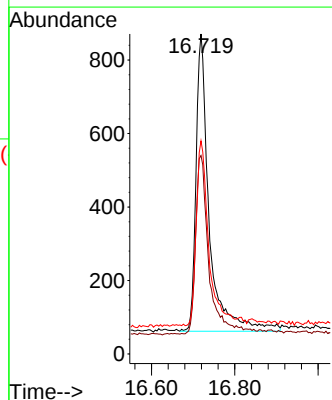
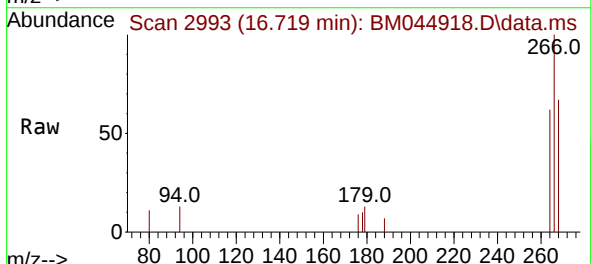
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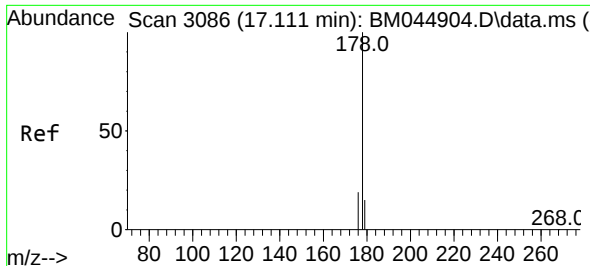
Tgt Ion:166 Resp: 5947
Ion Ratio Lower Upper
166 100
165 100.1 79.9 119.9
167 14.6 12.2 18.2



#14
Pentachlorophenol
Concen: 0.943 ng/ul
RT: 16.719 min Scan# 2993
Delta R.T. -0.016 min
Lab File: BM044918.D
Acq: 04 Apr 2024 17:12

Tgt Ion:266 Resp: 1780
Ion Ratio Lower Upper
266 100
264 60.6 48.3 72.5
268 60.2 52.6 79.0

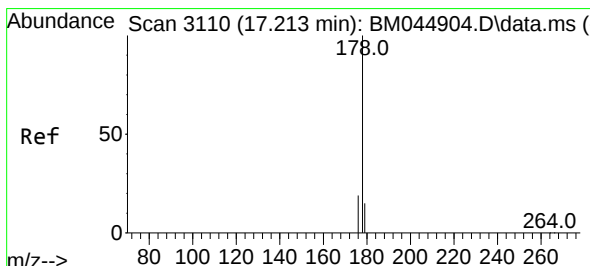
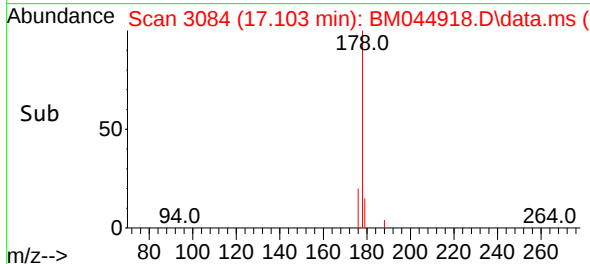
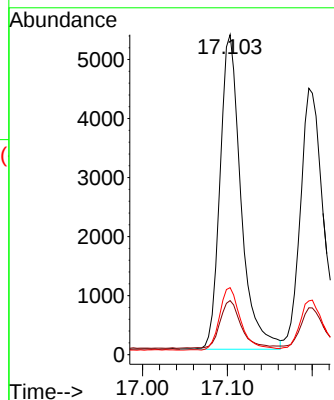
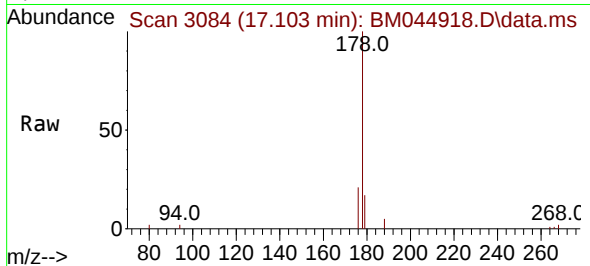




#15
Phenanthrene
Concen: 0.403 ng/ul
RT: 17.103 min Scan# 3084
Delta R.T. -0.008 min
Lab File: BM044918.D
Acq: 04 Apr 2024 17:12

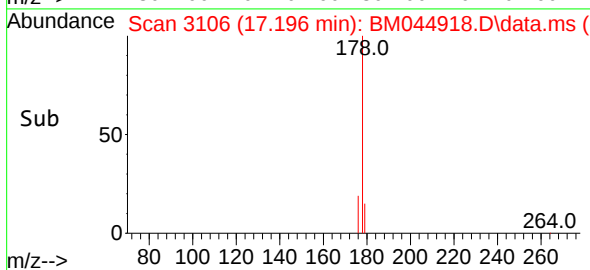
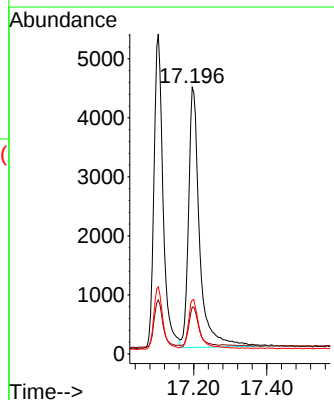
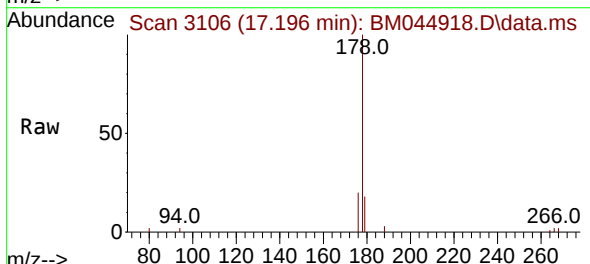
Instrument :
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SLCS946

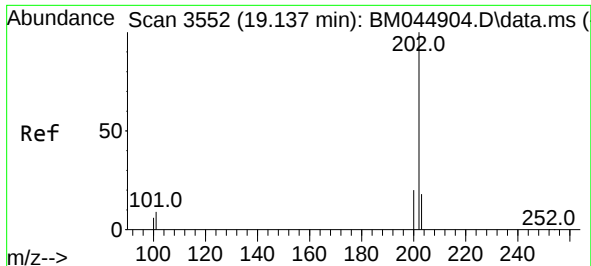
Tgt Ion:178 Resp: 9136
Ion Ratio Lower Upper
178 100
179 16.9 13.7 20.5
176 20.9 17.0 25.4



#16
Anthracene
Concen: 0.418 ng/ul
RT: 17.196 min Scan# 3106
Delta R.T. -0.016 min
Lab File: BM044918.D
Acq: 04 Apr 2024 17:12

Tgt Ion:178 Resp: 9326
Ion Ratio Lower Upper
178 100
179 17.6 13.8 20.8
176 20.2 16.2 24.4

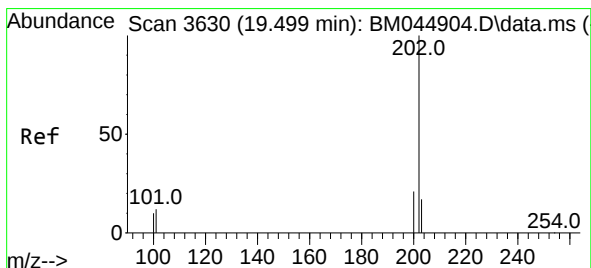
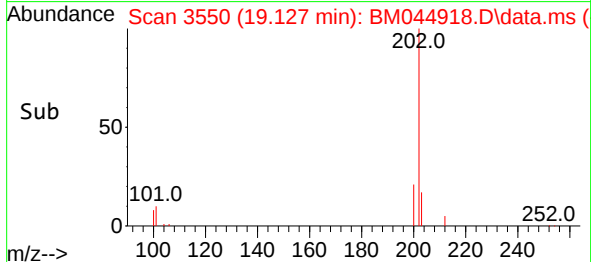
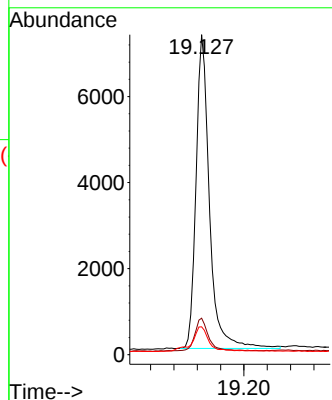
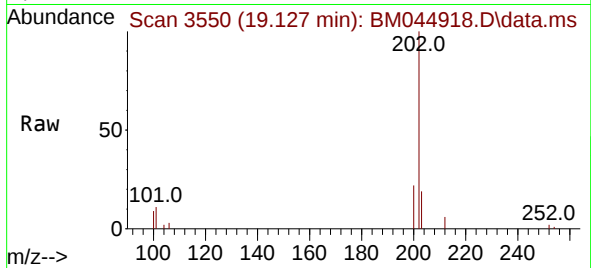




#19
Fluoranthene
Concen: 0.437 ng/ul
RT: 19.127 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM044918.D
Acq: 04 Apr 2024 17:12

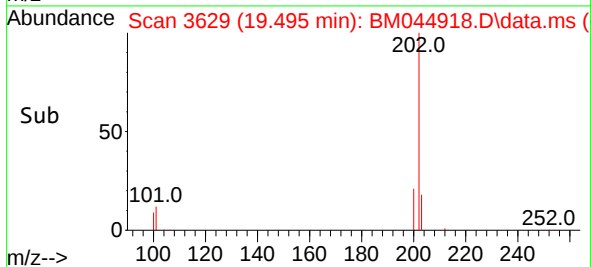
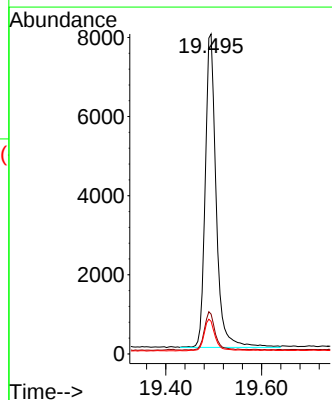
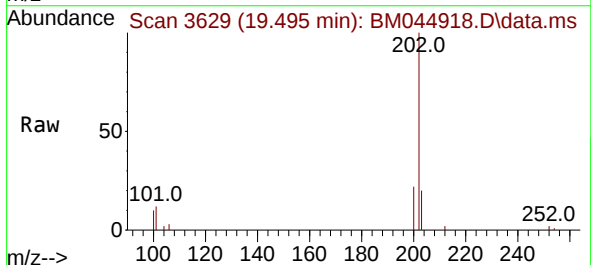
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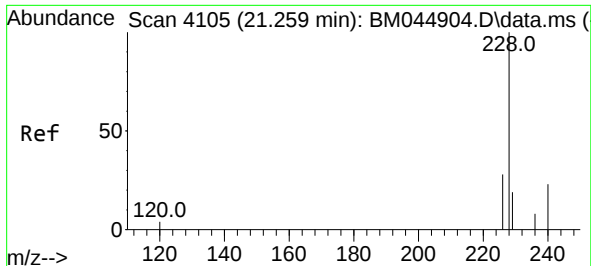
Tgt Ion:202 Resp: 11669
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.7 7.0 10.4



#20
Pyrene
Concen: 0.442 ng/ul
RT: 19.495 min Scan# 3629
Delta R.T. -0.008 min
Lab File: BM044918.D
Acq: 04 Apr 2024 17:12

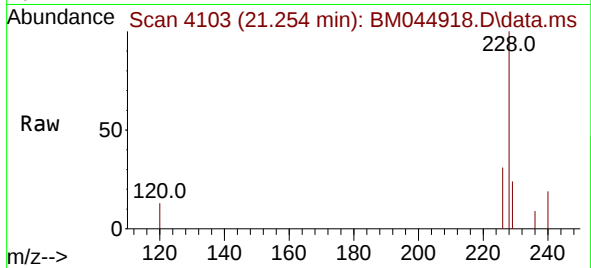
Tgt Ion:202 Resp: 12462
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.6
100 10.2 8.1 12.1



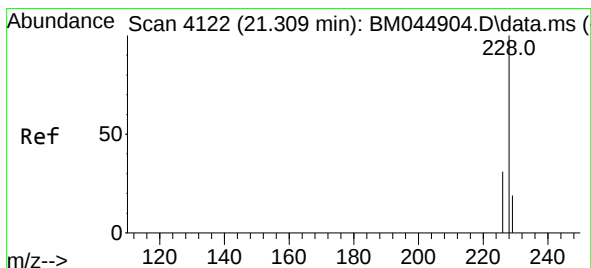
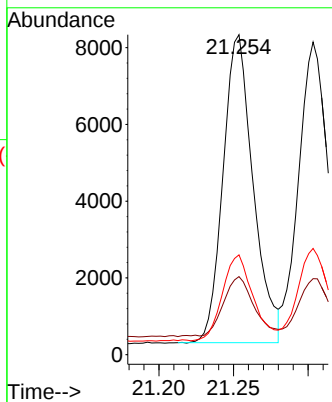
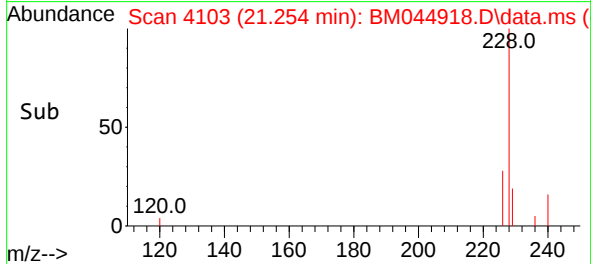


#21
Benzo(a)anthracene
Concen: 0.433 ng/ul
RT: 21.254 min Scan# 4103
Delta R.T. -0.007 min
Lab File: BM044918.D
Acq: 04 Apr 2024 17:12

Instrument :
BNA_M
ClientSampleId :
SLCS946

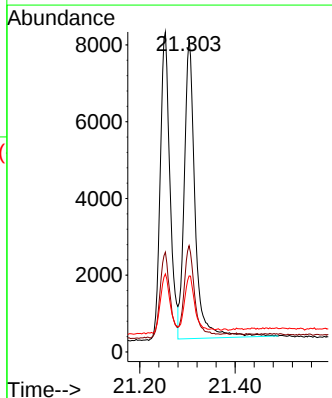
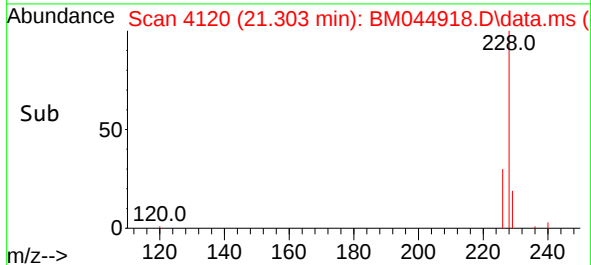
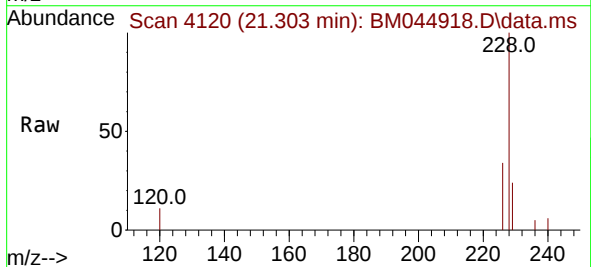


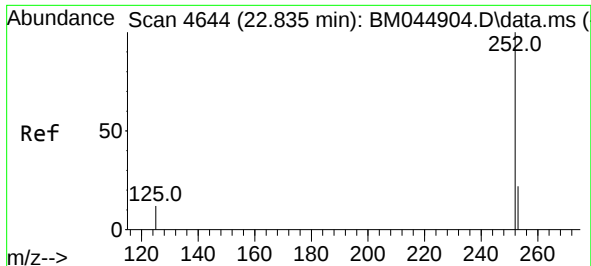
Tgt Ion:228 Resp: 11274
Ion Ratio Lower Upper
228 100
229 24.4 16.4 24.6
226 31.2 22.3 33.5



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.303 min Scan# 4120
Delta R.T. -0.007 min
Lab File: BM044918.D
Acq: 04 Apr 2024 17:12

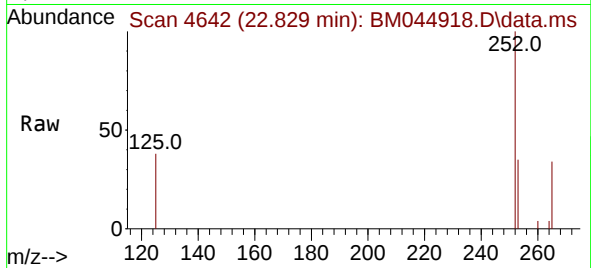
Tgt Ion:228 Resp: 12318
Ion Ratio Lower Upper
228 100
226 34.0 24.9 37.3
229 24.3 15.9 23.9#



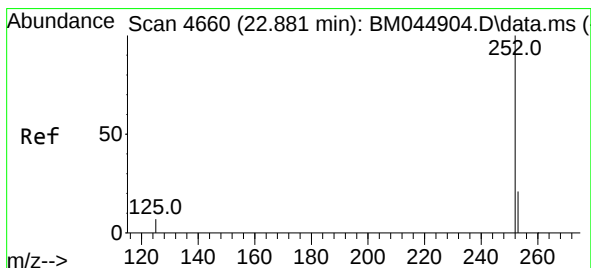
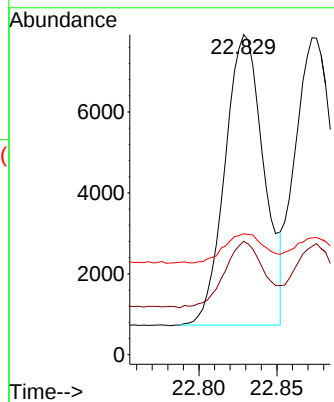


#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul
RT: 22.829 min Scan# 4642
Delta R.T. -0.007 min
Lab File: BM044918.D
Acq: 04 Apr 2024 17:12

Instrument :
BNA_M
ClientSampleId :
SLCS946

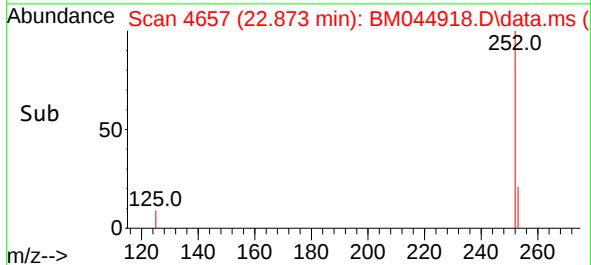
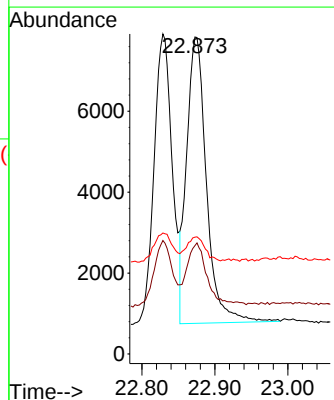
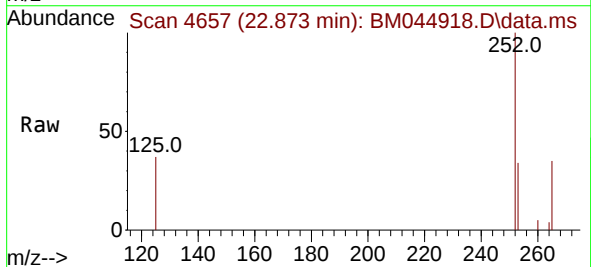


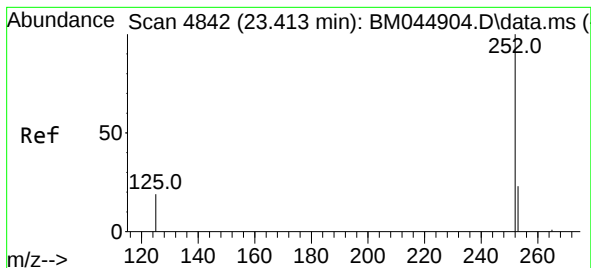
Tgt Ion:252 Resp: 12513
Ion Ratio Lower Upper
252 100
253 35.5 0.0 56.4
125 37.8 0.0 33.4#



#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul
RT: 22.873 min Scan# 4657
Delta R.T. -0.010 min
Lab File: BM044918.D
Acq: 04 Apr 2024 17:12

Tgt Ion:252 Resp: 13347
Ion Ratio Lower Upper
252 100
253 34.2 22.3 33.5#
125 36.9 11.6 17.4#





#26

Benzo(a)pyrene

Concen: 0.387 ng/ul

RT: 23.399 min Scan# 4

Delta R.T. -0.015 min

Lab File: BM044918.D

Acq: 04 Apr 2024 17:12

Instrument :

BNA_M

ClientSampleId :

SLCS946

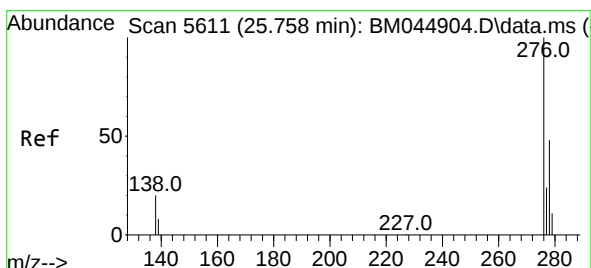
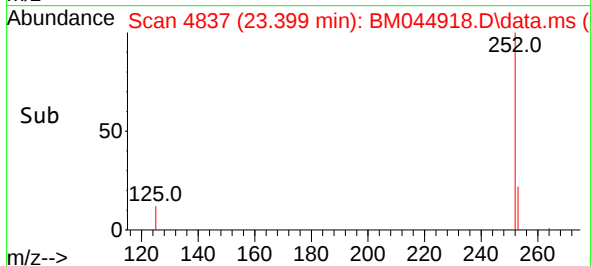
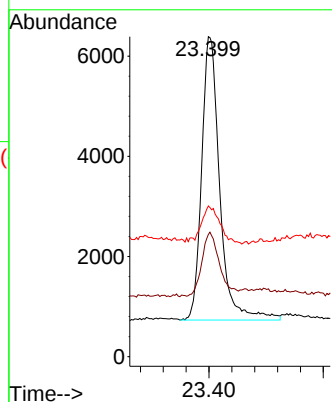
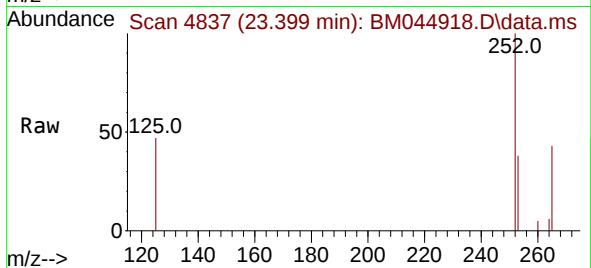
Tgt Ion:252 Resp: 12402

Ion Ratio Lower Upper

252 100

253 38.2 24.6 37.0#

125 47.1 18.2 27.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.367 ng/ul

RT: 25.745 min Scan# 5607

Delta R.T. -0.011 min

Lab File: BM044918.D

Acq: 04 Apr 2024 17:12

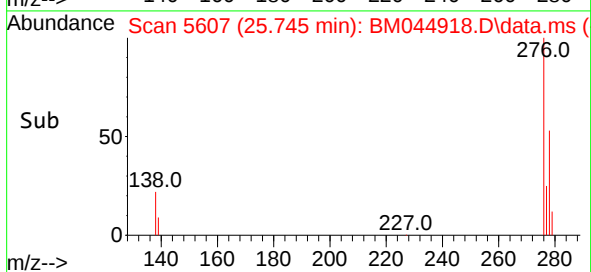
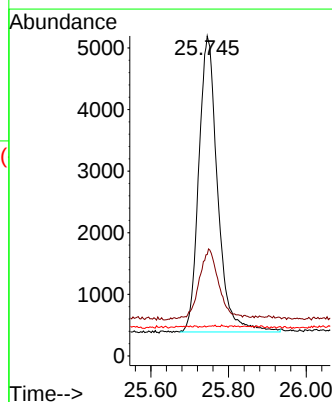
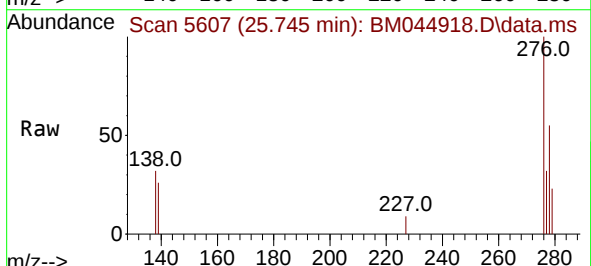
Tgt Ion:276 Resp: 16119

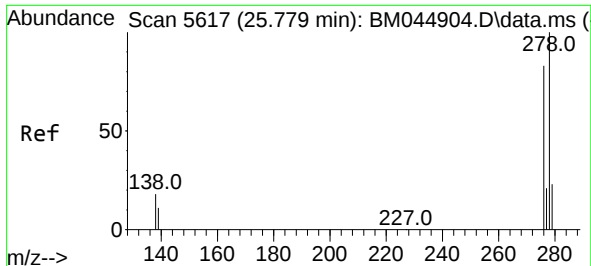
Ion Ratio Lower Upper

276 100

138 23.6 0.0 0.0#

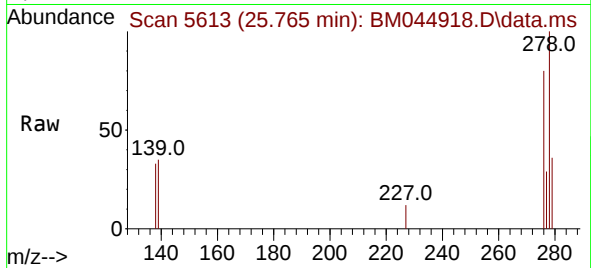
227 0.1 0.1 0.1#



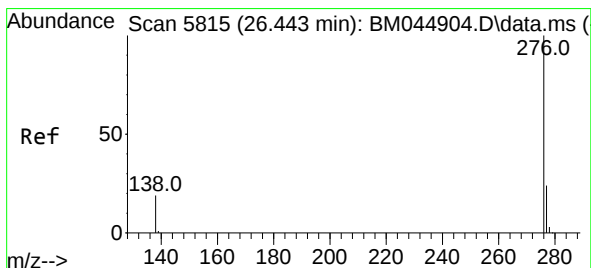
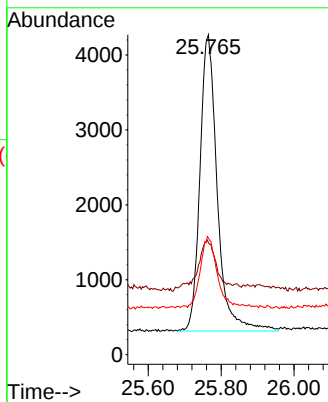
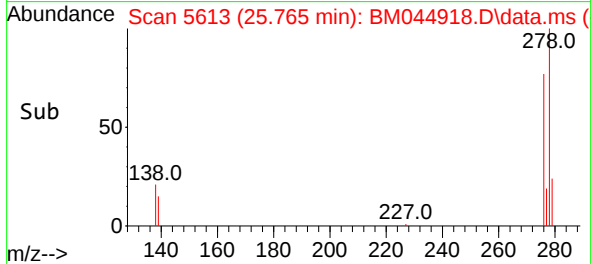


#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 25.765 min Scan# 5613
Delta R.T. -0.018 min
Lab File: BM044918.D
Acq: 04 Apr 2024 17:12

Instrument :
BNA_M
ClientSampleId :
SLCS946



Tgt Ion:278 Resp: 13012
Ion Ratio Lower Upper
278 100
139 35.0 13.6 20.4#
279 36.5 23.0 34.4#



#29
Benzo(g,h,i)perylene
Concen: 0.354 ng/ul
RT: 26.429 min Scan# 5811
Delta R.T. -0.011 min
Lab File: BM044918.D
Acq: 04 Apr 2024 17:12

Tgt Ion:276 Resp: 13405
Ion Ratio Lower Upper
276 100
138 32.0 16.8 25.2#
277 32.0 20.3 30.5#

