

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034918.D
 Acq On : 04 May 2022 08:05
 Operator : CG/JU
 Sample : PB144500BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS500

Quant Time: May 04 08:42:47 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 02:59:36 2022
 Response via : Initial Calibration

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

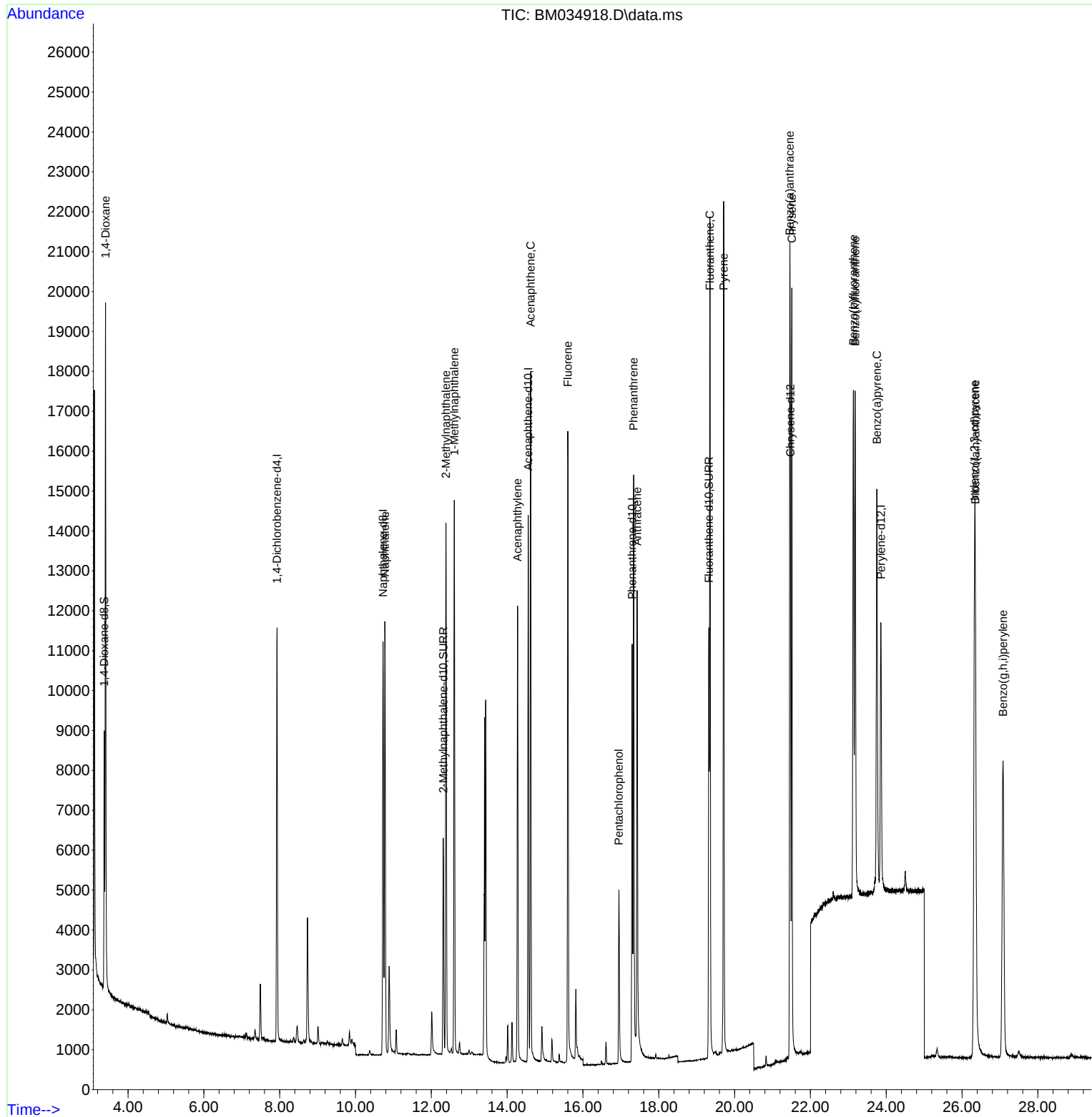
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	5355	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	14015	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.556	164	7308	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	13077	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	9624	0.400	ng/ul #	0.00
23) Perylene-d12	23.862	264	9544	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	3789	0.640	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	7001	0.355	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	11735	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.407	88	10362	1.838	ng/ul#	82
5) Naphthalene	10.776	128	14780	0.369	ng/ul#	88
7) 2-Methylnaphthalene	12.387	142	9407	0.354	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	9250	0.354	ng/ul	100
10) Acenaphthylene	14.274	152	13568	0.425	ng/ul#	90
11) Acenaphthene	14.621	153	10073	0.373	ng/ul	95
12) Fluorene	15.602	166	10704	0.352	ng/ul#	97
14) Pentachlorophenol	16.950	266	3109	0.801	ng/ul	98
15) Phenanthrene	17.339	178	16274	0.376	ng/ul	94
16) Anthracene	17.431	178	14537	0.377	ng/ul#	92
19) Fluoranthene	19.350	202	18531	0.401	ng/ul	99
20) Pyrene	19.712	202	18771	0.405	ng/ul	97
21) Benzo(a)anthracene	21.456	228	16022	0.428	ng/ul	98
22) Chrysene	21.509	228	16933	0.424	ng/ul	99
24) Benzo(b)fluoranthene	23.134	252	17420	0.400	ng/ul	90
25) Benzo(k)fluoranthene	23.180	252	16932	0.389	ng/ul	90
26) Benzo(a)pyrene	23.753	252	16419	0.462	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.329	276	20023	0.401	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.350	278	16204	0.399	ng/ul#	91
29) Benzo(g,h,i)perylene	27.081	276	17167	0.398	ng/ul	93

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

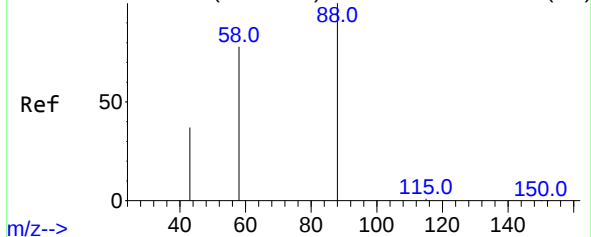
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
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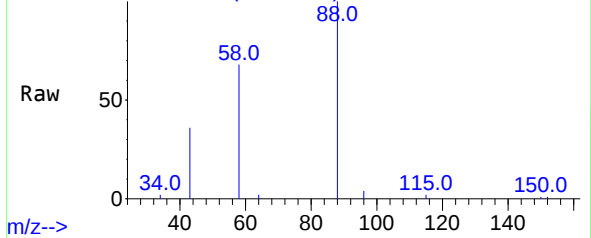
Quant Time: May 04 08:42:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 02:59:36 2022
Response via : Initial Calibration



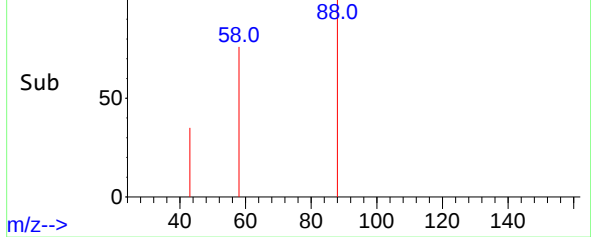
Abundance Scan 77 (3.407 min): BM034901.D\data.ms (-71)



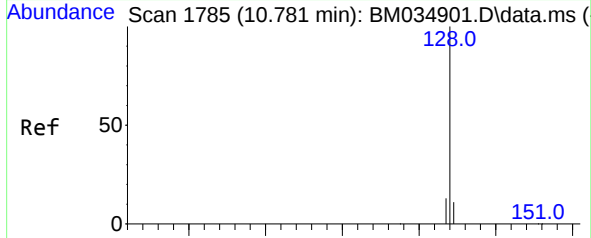
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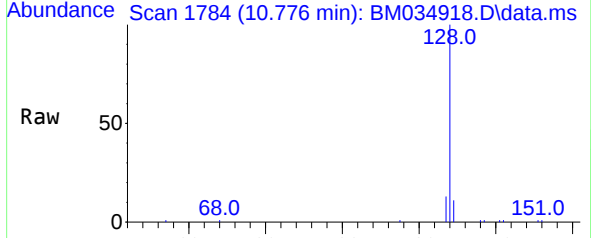
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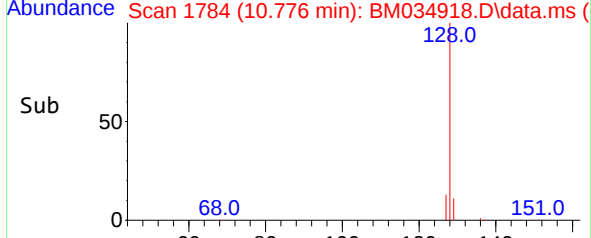
m/z-->



m/z-->



m/z-->



m/z-->

#2

1,4-Dioxane

Concen: 1.838 ng/ul

RT: 3.407 min Scan# 71

Delta R.T. -0.000 min

Lab File: BM034918.D

Acq: 04 May 2022 08:05

Instrument :

BNA_M

ClientSampleId :

SLCS500

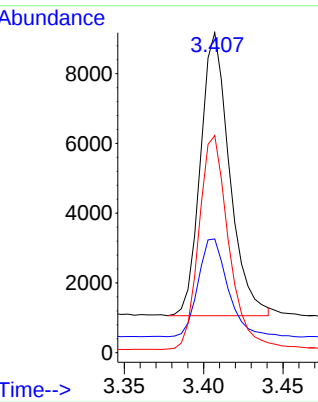
Tgt Ion: 88 Resp: 10362

Ion Ratio Lower Upper

88 100

43 35.5 49.7 74.5#

58 67.9 52.5 78.7



#5

Naphthalene

Concen: 0.369 ng/ul

RT: 10.776 min Scan# 1784

Delta R.T. -0.006 min

Lab File: BM034918.D

Acq: 04 May 2022 08:05

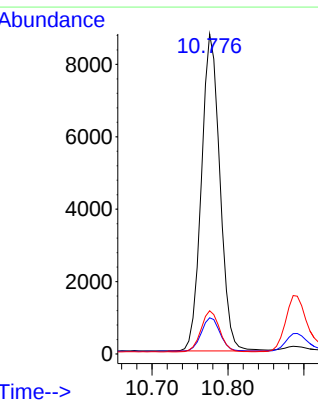
Tgt Ion:128 Resp: 14780

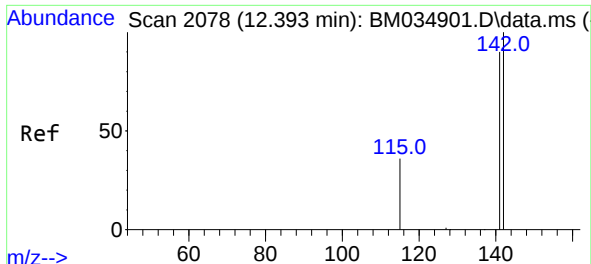
Ion Ratio Lower Upper

128 100

129 11.3 13.4 20.2#

127 13.5 15.2 22.8#

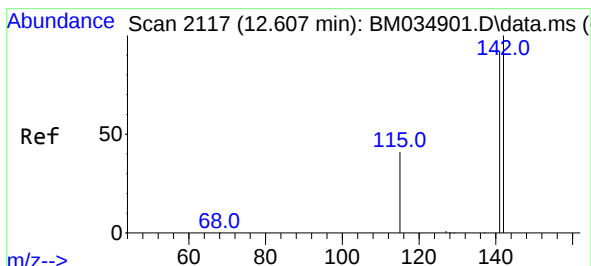
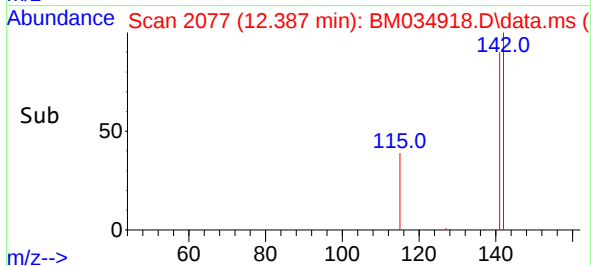
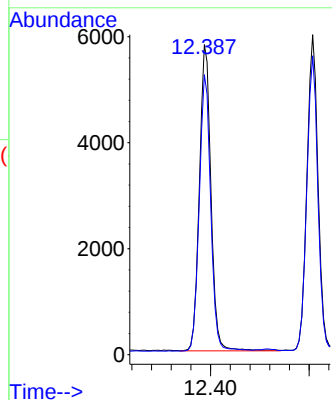
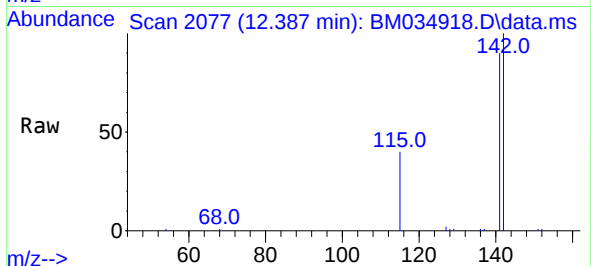




#7
2-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.387 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

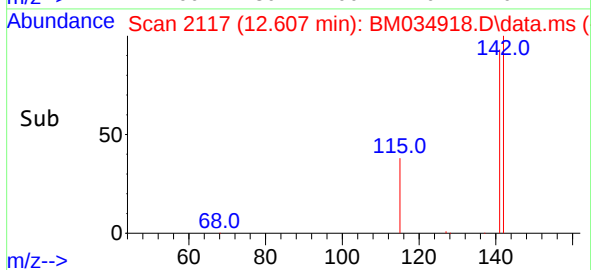
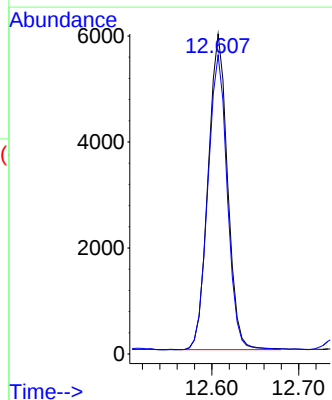
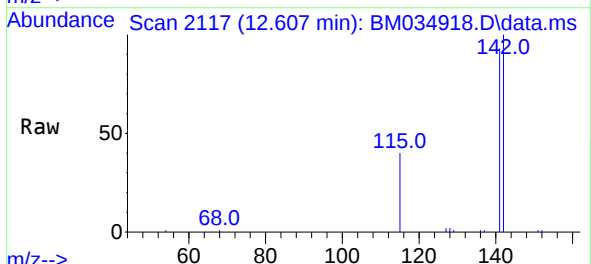
Instrument :
BNA_M
ClientSampleId :
SLCS500

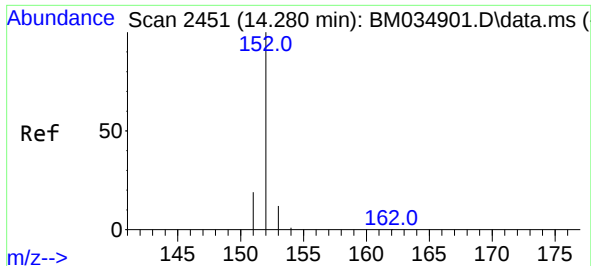
Tgt Ion:142 Resp: 9407
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

Tgt Ion:142 Resp: 9250
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4

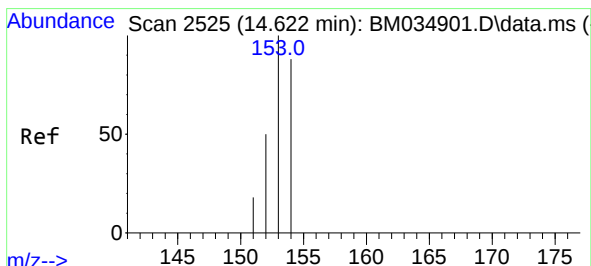
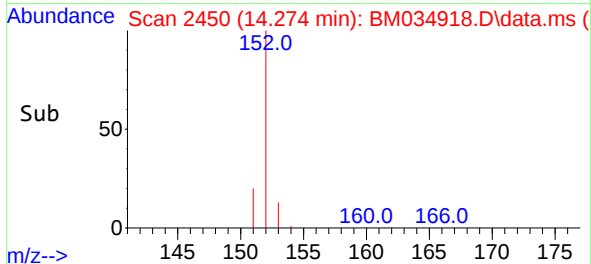
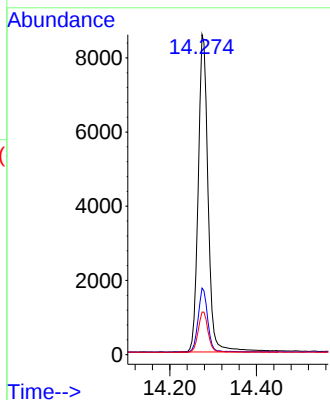
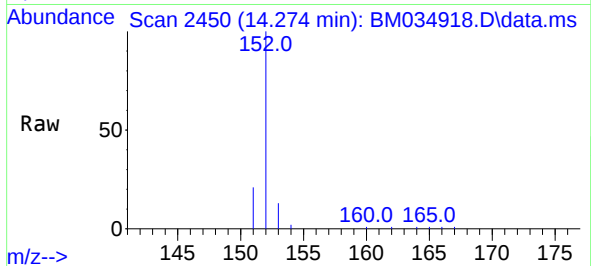




#10
Acenaphthylene
Concen: 0.425 ng/ul
RT: 14.274 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

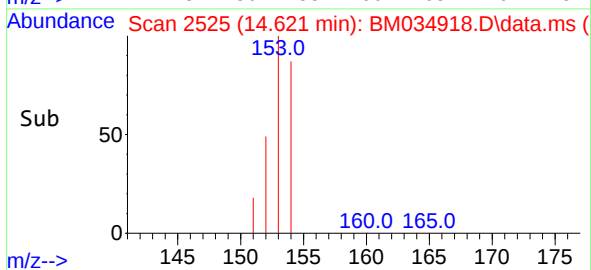
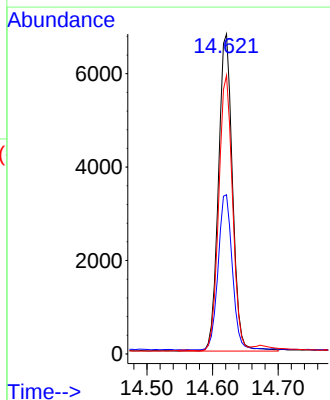
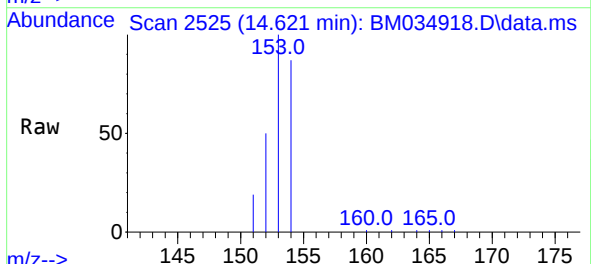
Instrument :
BNA_M
ClientSampleId :
SLCS500

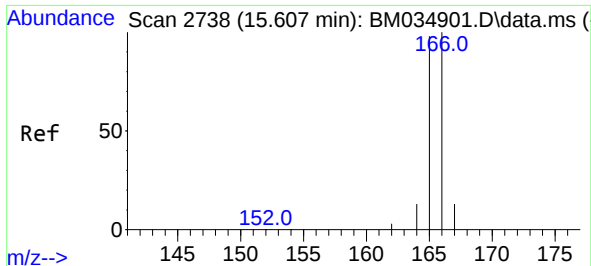
Tgt Ion:152 Resp: 13568
Ion Ratio Lower Upper
152 100
151 20.8 19.9 29.9
153 13.3 15.0 22.4#



#11
Acenaphthene
Concen: 0.373 ng/ul
RT: 14.621 min Scan# 2525
Delta R.T. -0.001 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

Tgt Ion:153 Resp: 10073
Ion Ratio Lower Upper
153 100
152 49.7 42.4 63.6
154 87.1 66.2 99.2

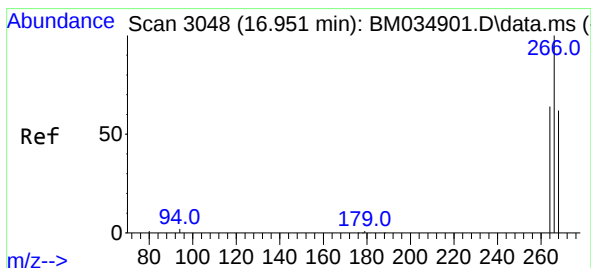
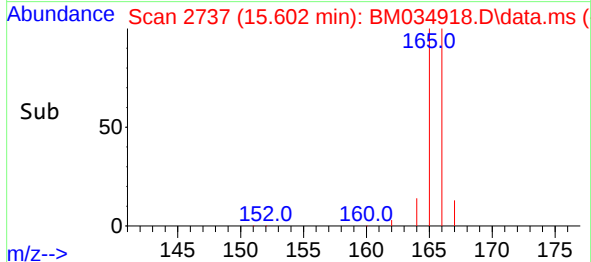
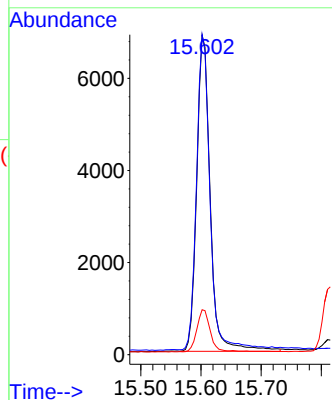
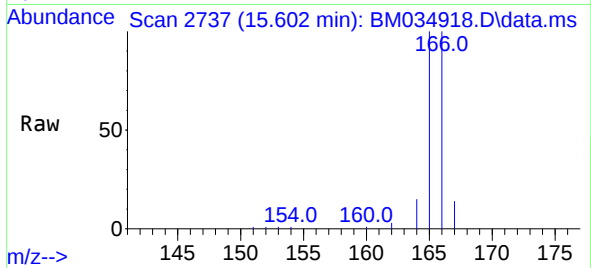




#12
Fluorene
Concen: 0.352 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

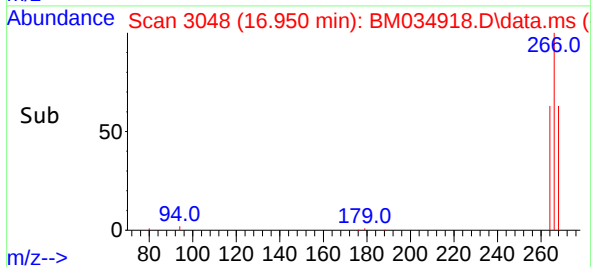
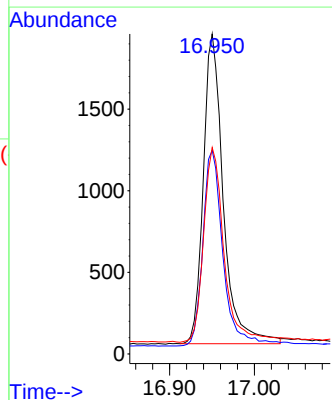
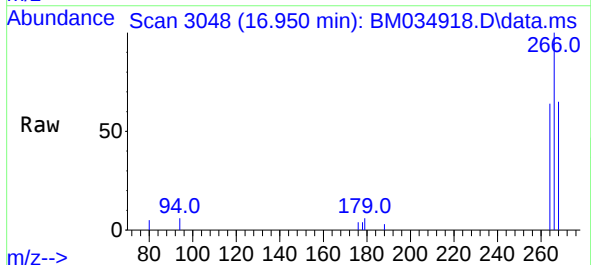
Instrument :
BNA_M
ClientSampleId :
SLCS500

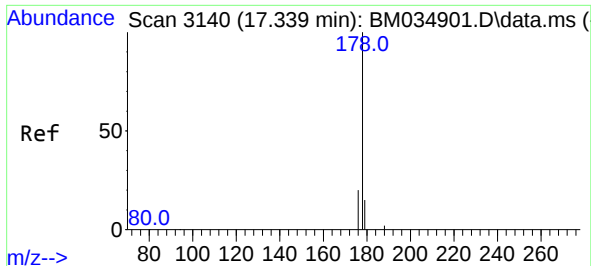
Tgt Ion:166 Resp: 10704
Ion Ratio Lower Upper
166 100
165 100.2 81.1 121.7
167 14.1 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.801 ng/ul
RT: 16.950 min Scan# 3048
Delta R.T. -0.001 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

Tgt Ion:266 Resp: 3109
Ion Ratio Lower Upper
266 100
264 63.8 51.4 77.0
268 64.2 53.1 79.7

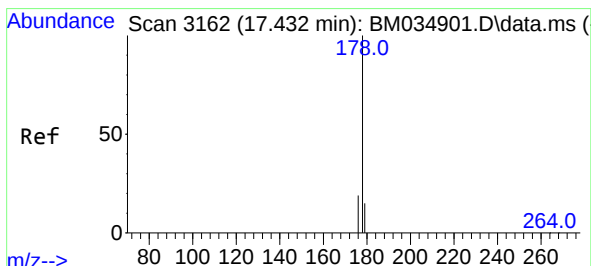
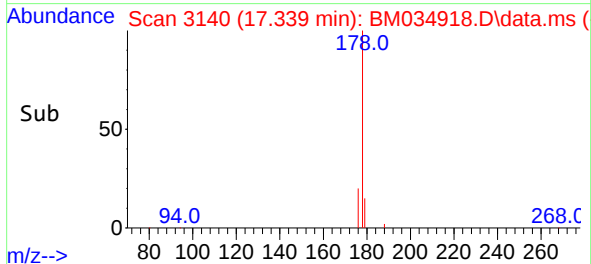
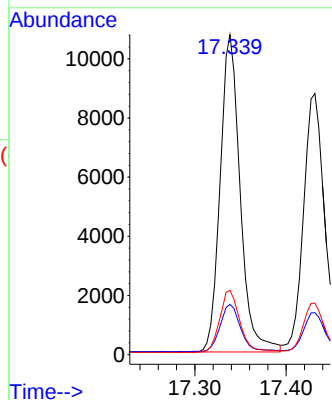
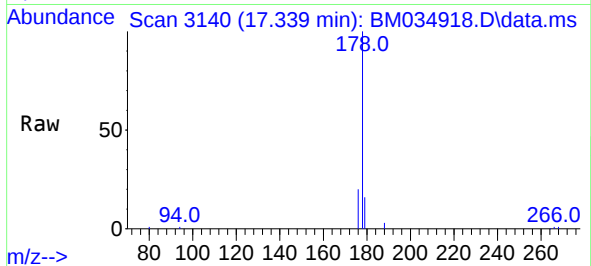




#15
Phenanthrene
Concen: 0.376 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.001 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

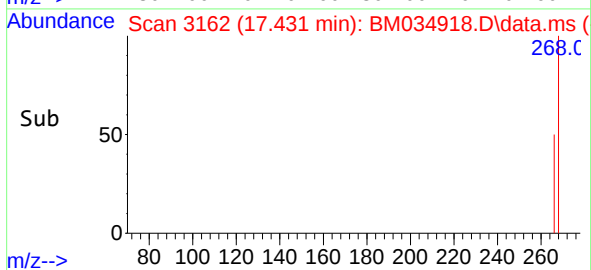
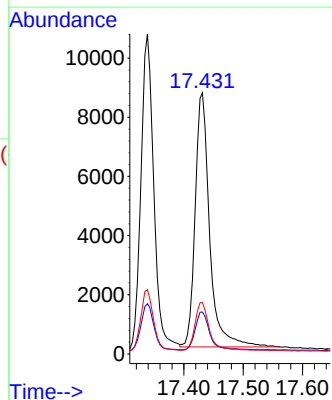
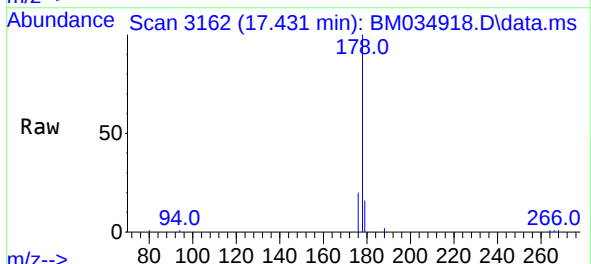
Instrument :
BNA_M
ClientSampleId :
SLCS500

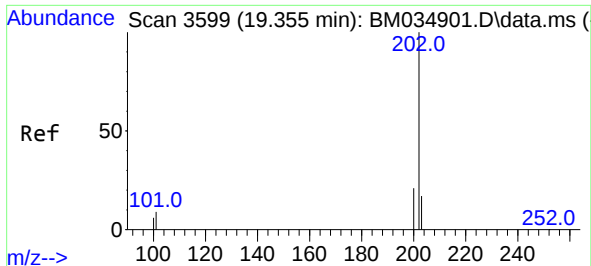
Tgt Ion:	178	Resp:	16274
Ion Ratio	Lower	Upper	
178	100		
179	15.7	15.0	22.6
176	20.1	17.9	26.9



#16
Anthracene
Concen: 0.377 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

Tgt Ion:	178	Resp:	14537
Ion Ratio	Lower	Upper	
178	100		
179	16.1	16.5	24.7#
176	19.8	18.3	27.5

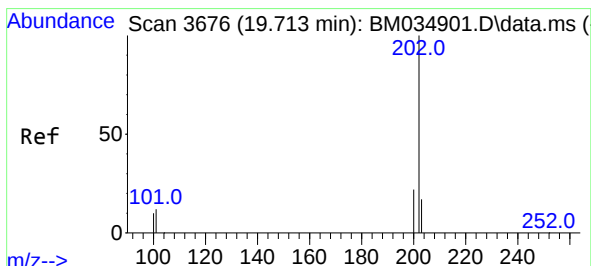
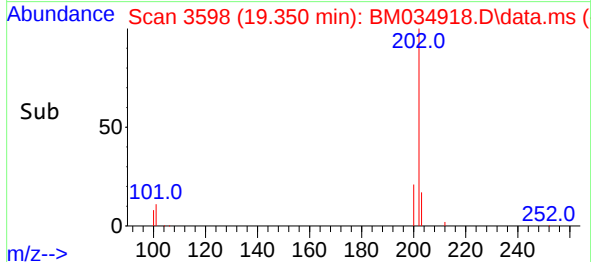
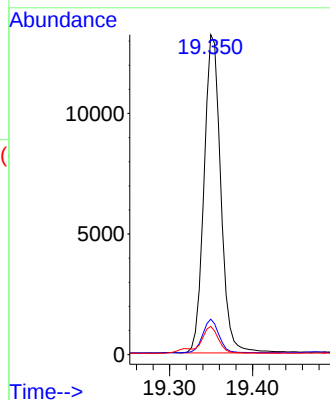
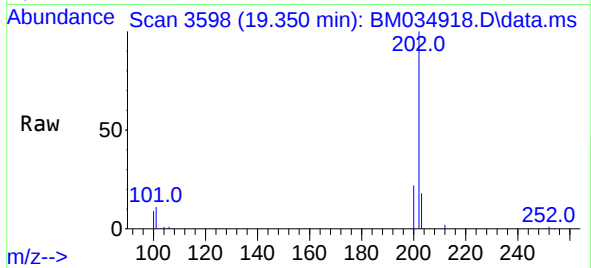




#19
Fluoranthene
Concen: 0.401 ng/u1
RT: 19.350 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

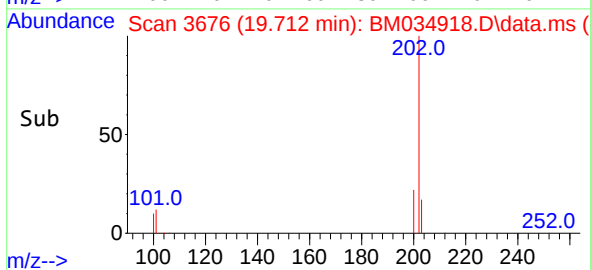
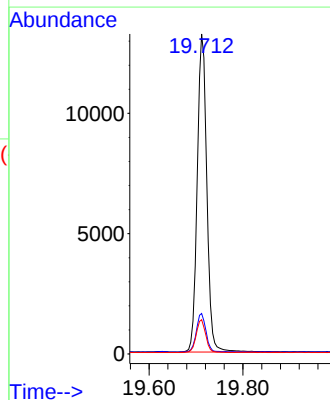
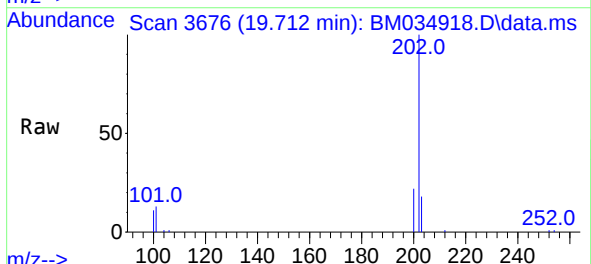
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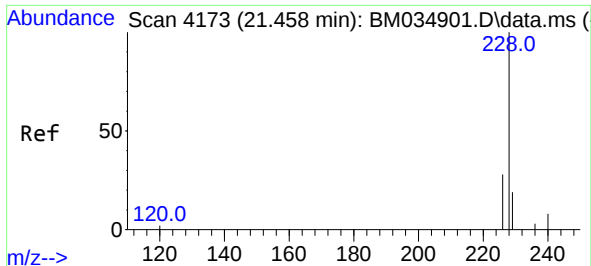
Tgt Ion:202 Resp: 18531
Ion Ratio Lower Upper
202 100
101 11.1 9.2 13.8
100 8.8 7.2 10.8



#20
Pyrene
Concen: 0.405 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. -0.001 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

Tgt Ion:202 Resp: 18771
Ion Ratio Lower Upper
202 100
101 12.6 9.3 13.9
100 10.7 7.8 11.6

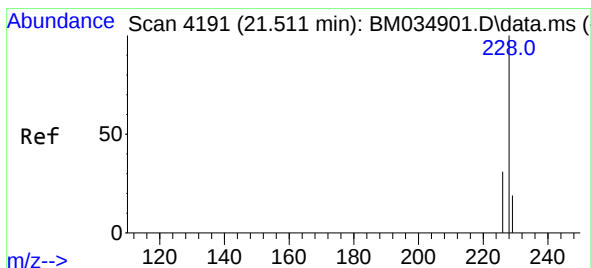
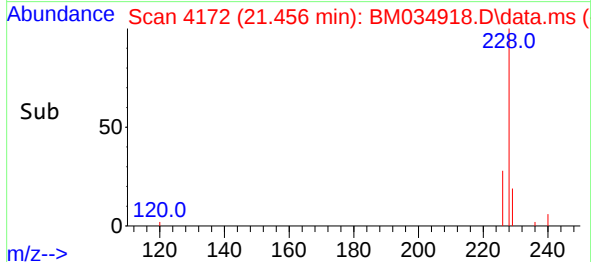
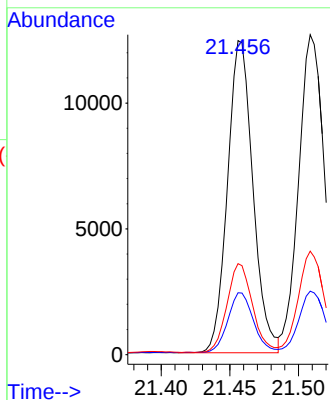
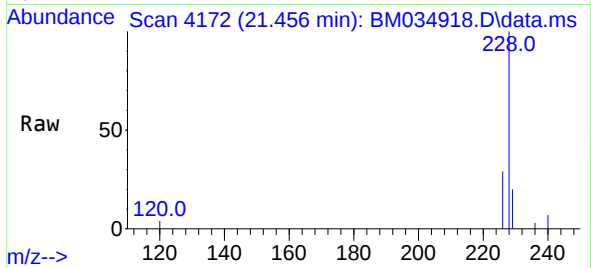




#21
Benzo(a)anthracene
Concen: 0.428 ng/ul
RT: 21.456 min Scan# 4173
Delta R.T. -0.002 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

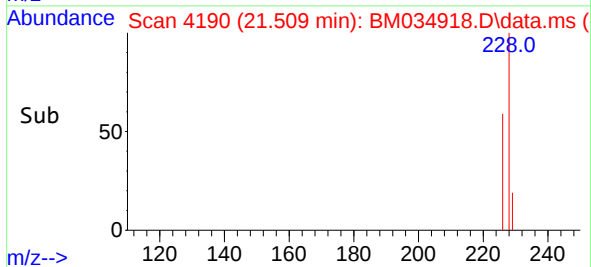
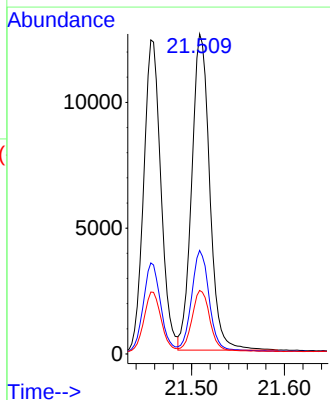
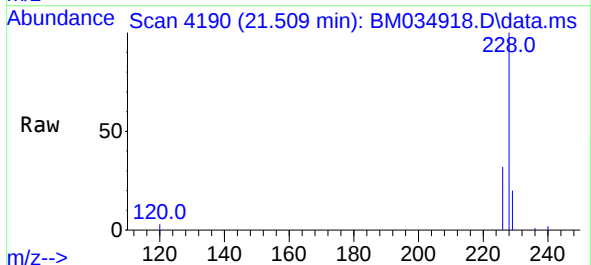
Instrument :
BNA_M
ClientSampleId :
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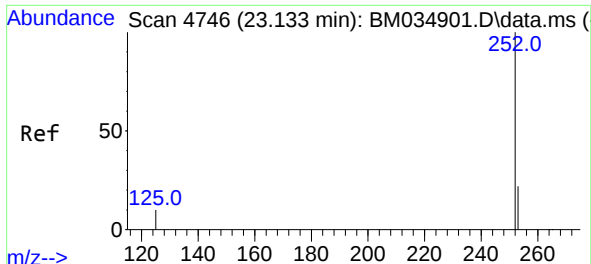
Tgt Ion:228 Resp: 16022
Ion Ratio Lower Upper
228 100
229 19.7 17.3 25.9
226 29.0 23.2 34.8



#22
Chrysene
Concen: 0.424 ng/ul
RT: 21.509 min Scan# 4190
Delta R.T. -0.002 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

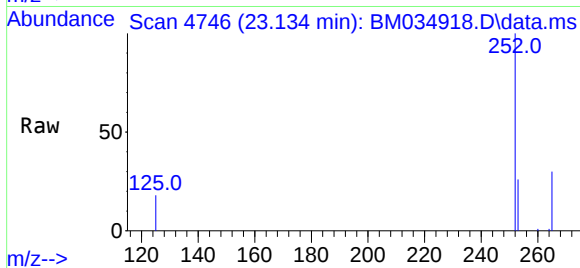
Tgt Ion:228 Resp: 16933
Ion Ratio Lower Upper
228 100
226 32.3 25.8 38.8
229 19.9 16.7 25.1



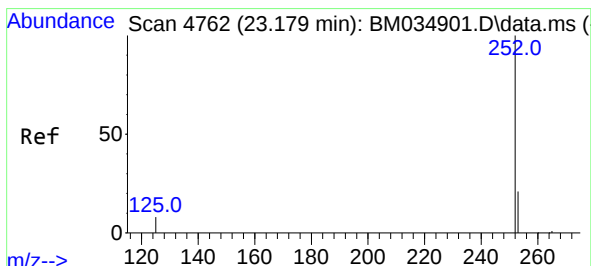
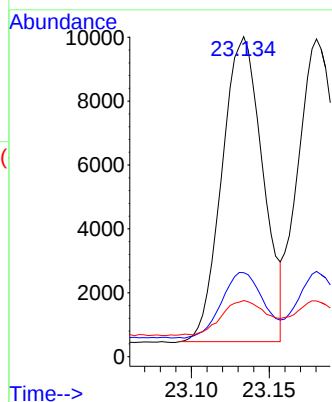


#24
Benzo(b)fluoranthene
Concen: 0.400 ng/ul
RT: 23.134 min Scan# 4746
Delta R.T. -0.002 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

Instrument :
BNA_M
ClientSampleId :
SLCS500

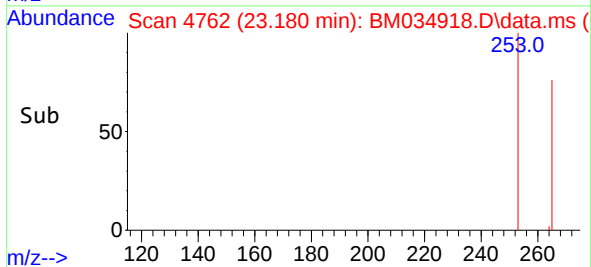
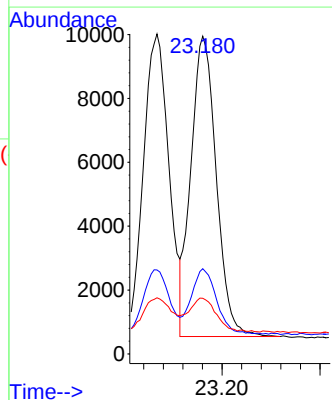
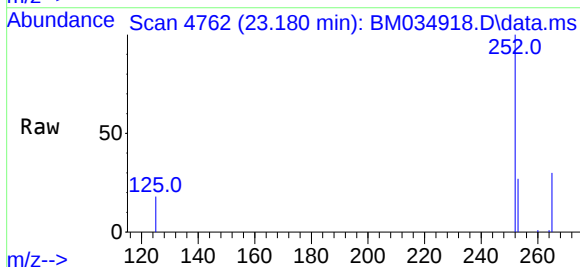


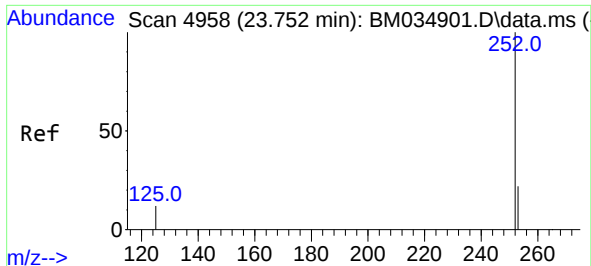
Tgt Ion:	252	Resp:	17420
Ion Ratio	Lower	Upper	
252	100		
253	26.2	0.0	64.2
125	17.5	0.0	28.8



#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.180 min Scan# 4762
Delta R.T. -0.002 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

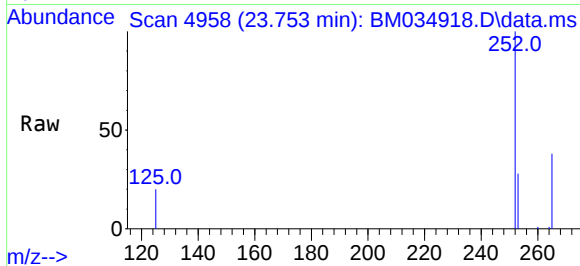
Tgt Ion:	252	Resp:	16932
Ion Ratio	Lower	Upper	
252	100		
253	26.8	26.8	40.2
125	17.5	12.0	18.0



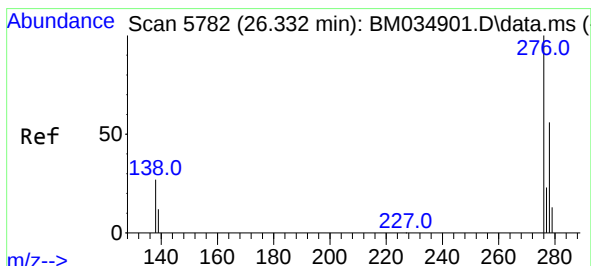
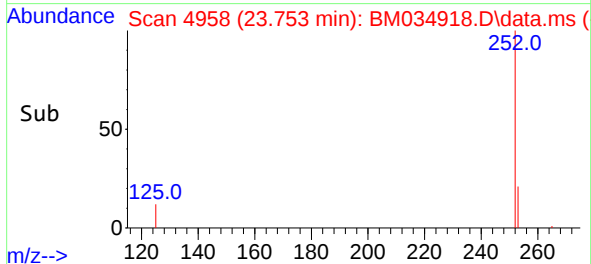
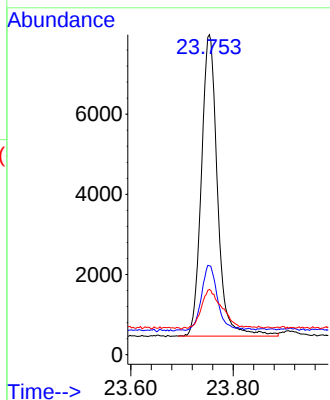


#26
Benzo(a)pyrene
Concen: 0.462 ng/ul
RT: 23.753 min Scan# 4958
Delta R.T. -0.002 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

Instrument :
BNA_M
ClientSampleId :
SLCS500

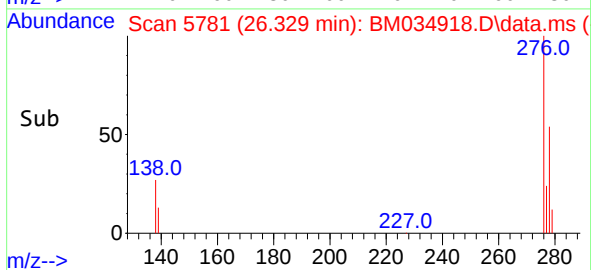
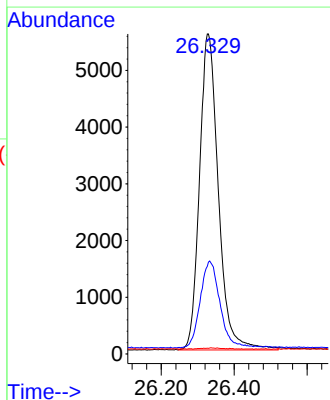
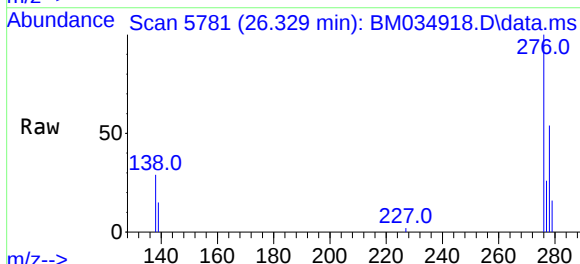


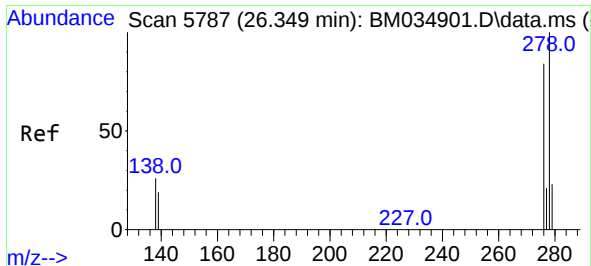
Tgt Ion:252 Resp: 16419
Ion Ratio Lower Upper
252 100
253 27.8 32.0 48.0#
125 20.4 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. -0.006 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

Tgt Ion:276 Resp: 20023
Ion Ratio Lower Upper
276 100
138 28.4 15.8 23.6#
227 0.0 0.0 0.0#

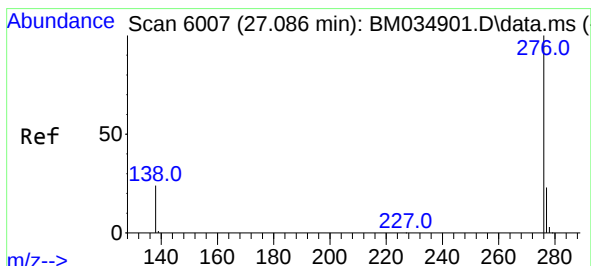
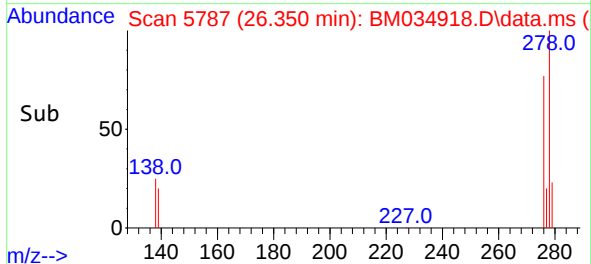
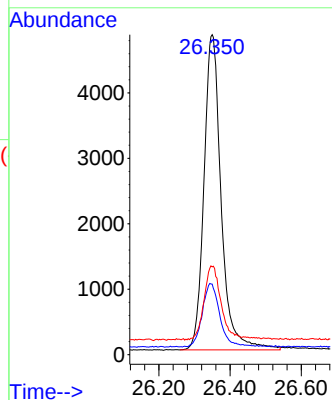
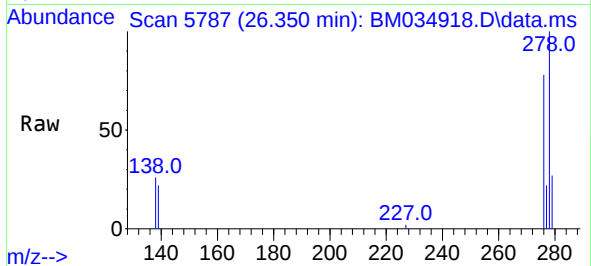




#28
Dibenzo(a,h)anthracene
Concen: 0.399 ng/ul
RT: 26.350 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

Instrument :
BNA_M
ClientSampleId :
SLCS500

Tgt Ion:278 Resp: 16204
Ion Ratio Lower Upper
278 100
139 22.1 18.0 27.0
279 27.4 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.398 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. -0.006 min
Lab File: BM034918.D
Acq: 04 May 2022 08:05

Tgt Ion:276 Resp: 17167
Ion Ratio Lower Upper
276 100
138 25.2 17.4 26.0
277 24.6 22.6 33.8

