

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041800.D
 Acq On : 12 Sep 2023 04:48
 Operator : MA/JU
 Sample : 04235-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYW8

Quant Time: Sep 12 05:55:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 04:50:34 2023
 Response via : Initial Calibration

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

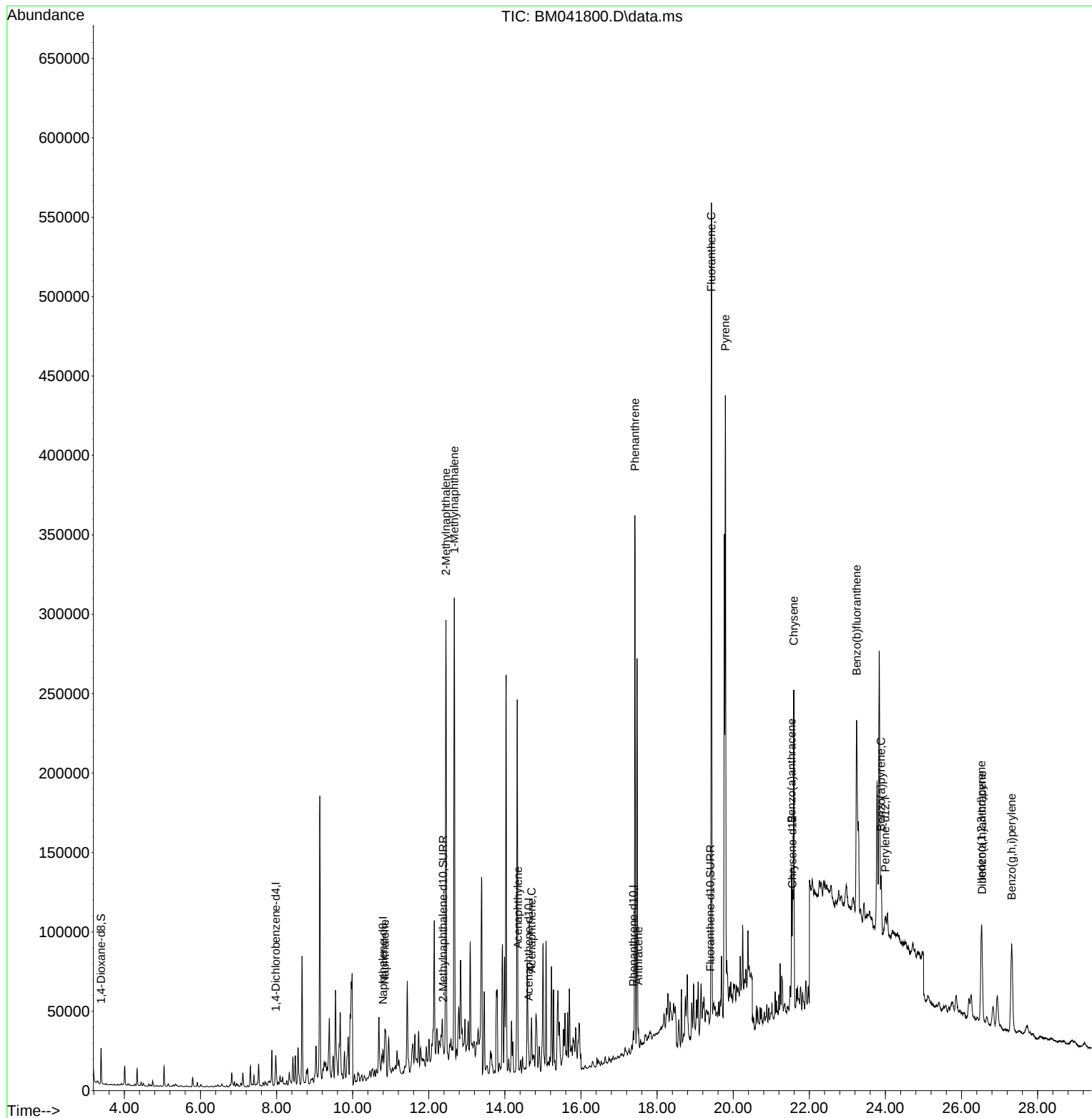
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	7566	0.400	ng/ul	0.00
4) Naphthalene-d8	10.795	136	16993	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.624	164	7644	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	14283	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.553	240	9058	0.400	ng/ul	# 0.01
23) Perylene-d12	23.997	264	10811	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	12338	1.067	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.379	152	2808	0.128	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	2918	0.066	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.845	128	37602	0.674	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	188386	5.947	ng/ul	100
8) 1-Methylnaphthalene	12.671	142	185255	5.820	ng/ul	100
10) Acenaphthylene	14.342	152	10984	0.233	ng/ul#	1
11) Acenaphthene	14.698	153	13215	0.360	ng/ul#	44
15) Phenanthrene	17.417	178	340285	5.642	ng/ul	99
16) Anthracene	17.510	178	13168	0.255	ng/ul#	57
19) Fluoranthene	19.427	202	422751	3.954	ng/ul	99
20) Pyrene	19.794	202	312361	2.942	ng/ul	100
21) Benzo(a)anthracene	21.536	228	75632	1.024	ng/ul#	87
22) Chrysene	21.591	228	206071	2.586	ng/ul#	94
24) Benzo(b)fluoranthene	23.243	252	248519	2.569	ng/ul#	32
26) Benzo(a)pyrene	23.886	252	56927	0.724	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.525	276	111467	1.034	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.538	278	29382	0.389	ng/ul#	1
29) Benzo(g,h,i)perylene	27.316	276	124712	1.305	ng/ul#	77

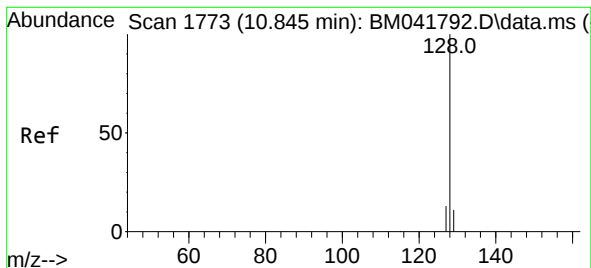
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.674 ng/ul

RT: 10.845 min Scan# 1773

Delta R.T. -0.000 min

Lab File: BM041800.D

Acq: 12 Sep 2023 04:48

Instrument :

BNA_M

ClientSampleId :

EZYW8

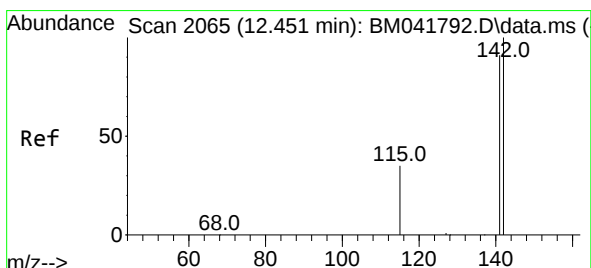
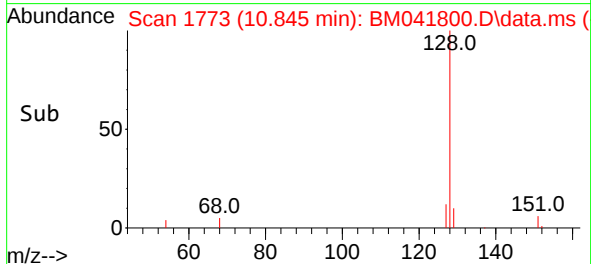
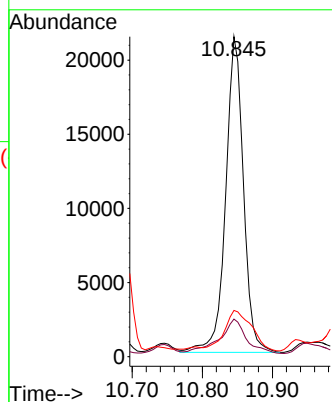
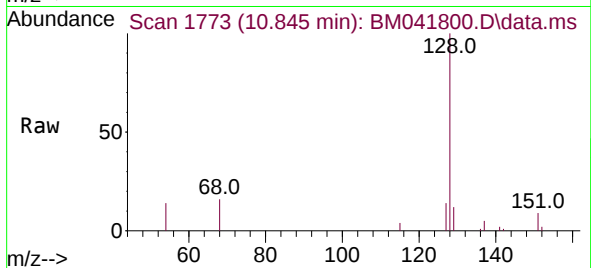
Tgt Ion:128 Resp: 37602

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.0

127 14.5 11.0 16.6



#7

2-Methylnaphthalene

Concen: 5.947 ng/ul

RT: 12.451 min Scan# 2065

Delta R.T. -0.000 min

Lab File: BM041800.D

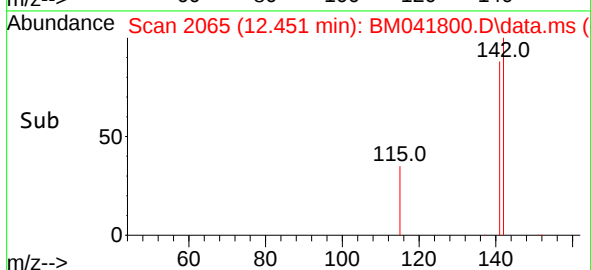
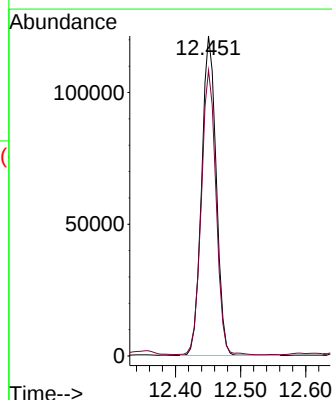
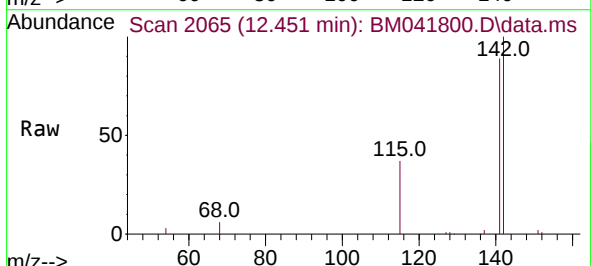
Acq: 12 Sep 2023 04:48

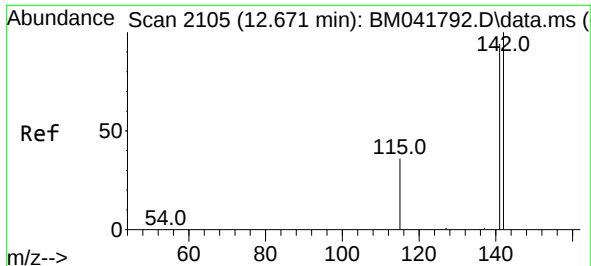
Tgt Ion:142 Resp: 188386

Ion Ratio Lower Upper

142 100

141 90.0 72.2 108.2

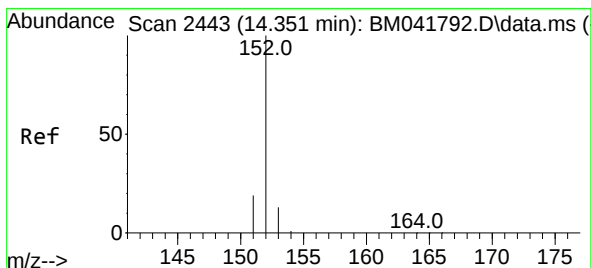
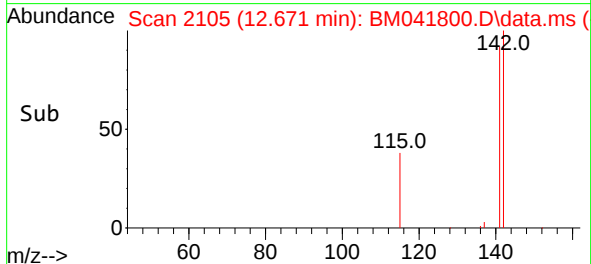
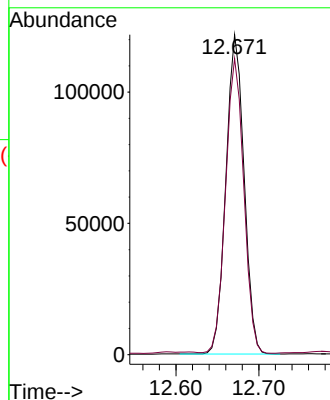
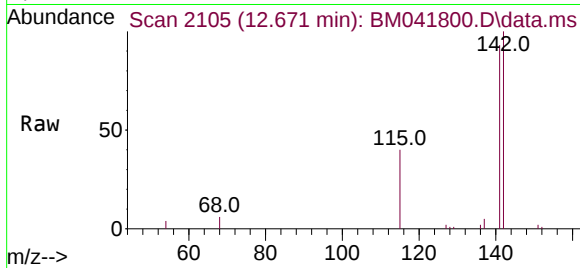




#8
1-Methylnaphthalene
Concen: 5.820 ng/ul
RT: 12.671 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48

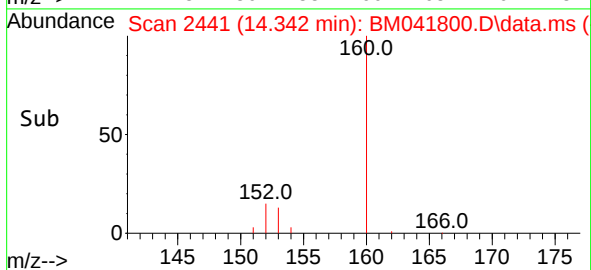
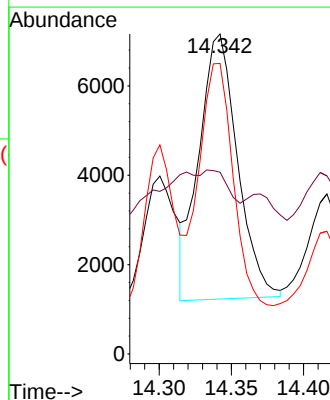
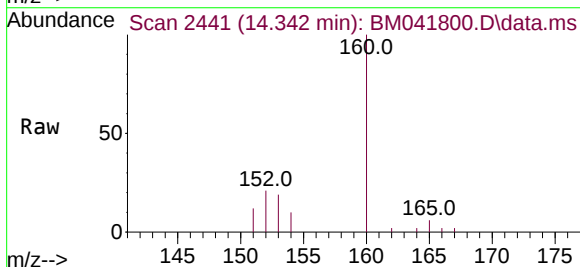
Instrument :
BNA_M
ClientSampleId :
EZYW8

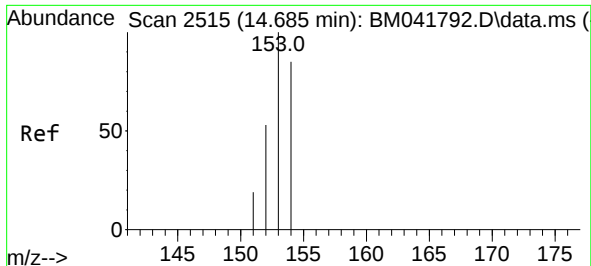
Tgt Ion:142 Resp: 185255
Ion Ratio Lower Upper
142 100
141 92.7 74.4 111.6



#10
Acenaphthylene
Concen: 0.233 ng/ul
RT: 14.342 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48

Tgt Ion:152 Resp: 10984
Ion Ratio Lower Upper
152 100
151 56.8 16.4 24.6#
153 90.8 11.1 16.7#

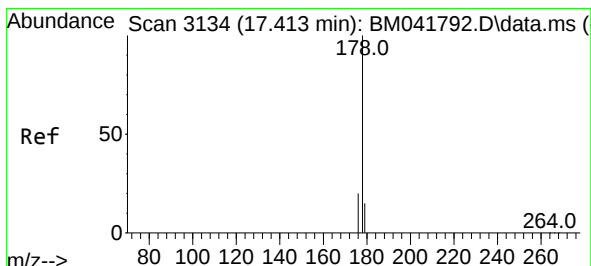
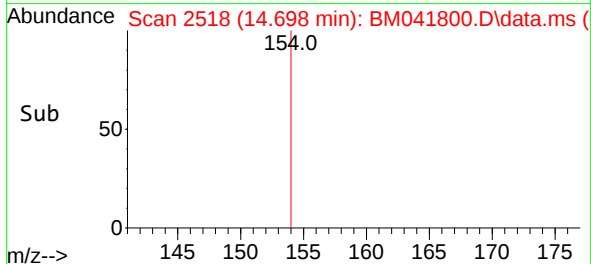
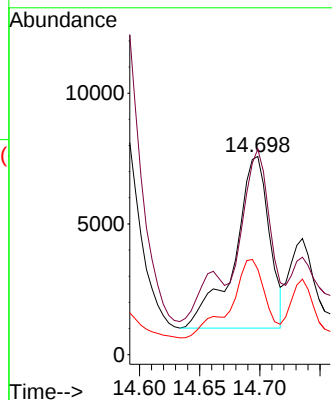
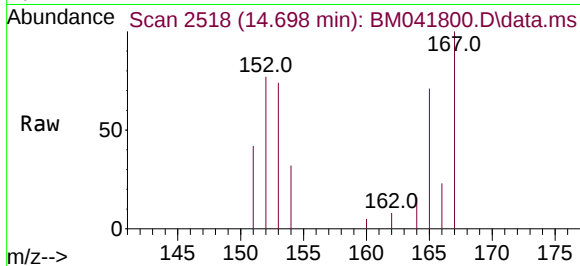




#11
Acenaphthene
Concen: 0.360 ng/u1
RT: 14.698 min Scan# 218
Delta R.T. 0.014 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48

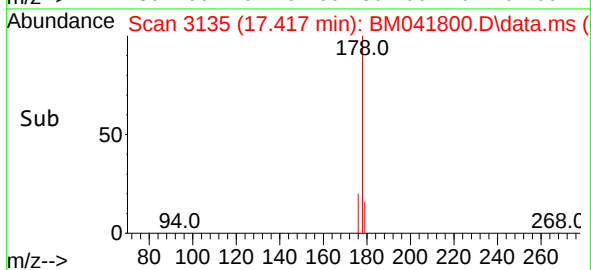
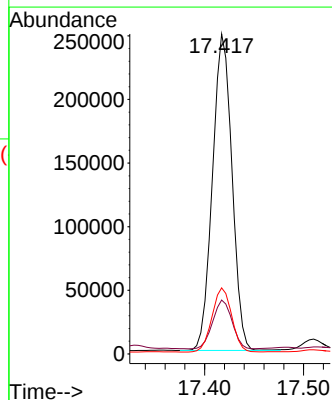
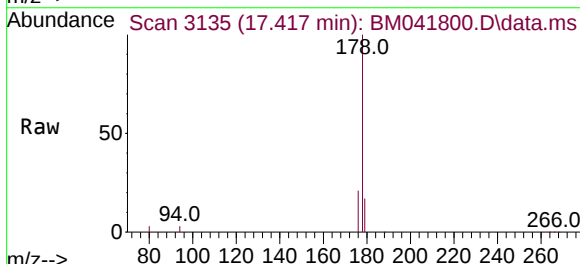
Instrument :
BNA_M
ClientSampleId :
EZYW8

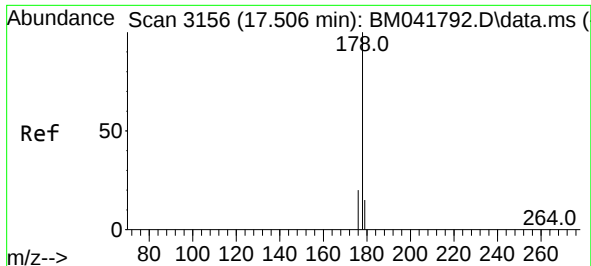
Tgt Ion:153 Resp: 13215
Ion Ratio Lower Upper
153 100
152 103.7 43.4 65.2#
154 43.1 69.4 104.0#



#15
Phenanthrene
Concen: 5.642 ng/u1
RT: 17.417 min Scan# 3135
Delta R.T. 0.004 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48

Tgt Ion:178 Resp: 340285
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 20.7 16.9 25.3

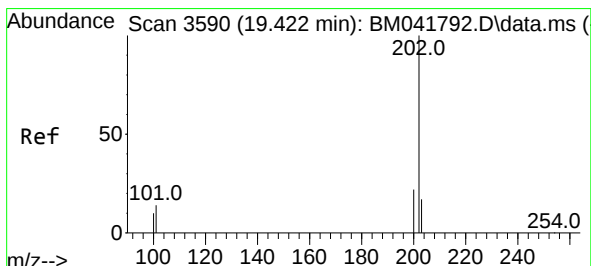
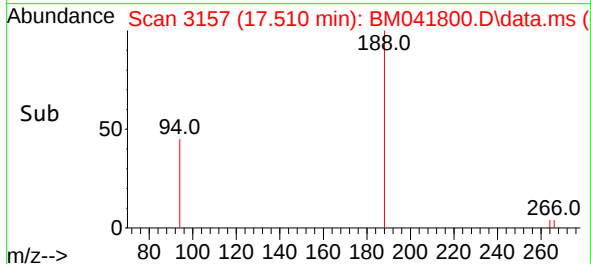
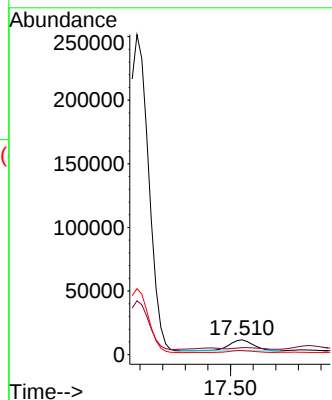
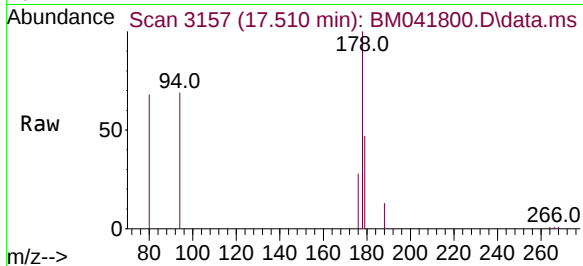




#16
 Anthracene
 Concen: 0.255 ng/ul
 RT: 17.510 min Scan# 3156
 Delta R.T. 0.004 min
 Lab File: BM041800.D
 Acq: 12 Sep 2023 04:48

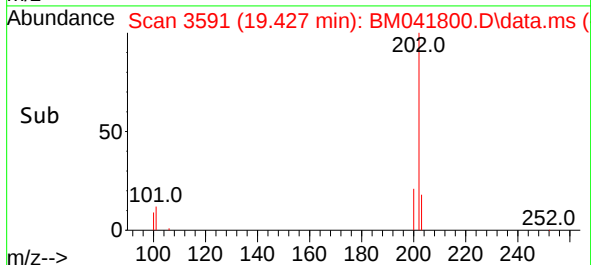
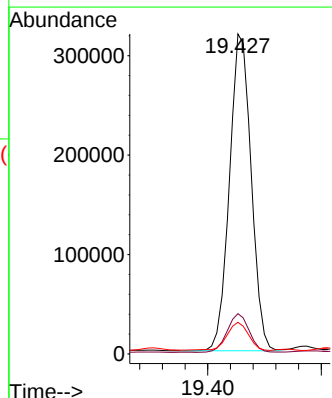
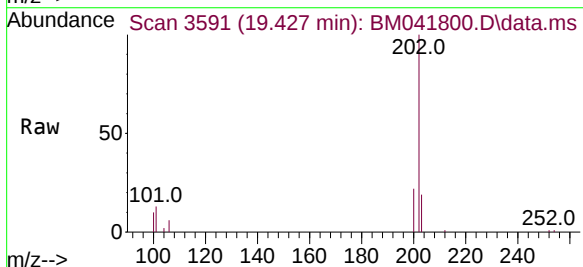
Instrument :
 BNA_M
 ClientSampleId :
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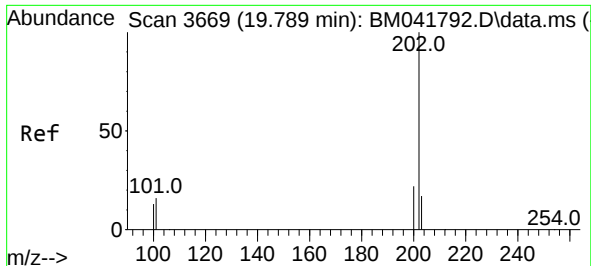
Tgt Ion:178 Resp: 13168
 Ion Ratio Lower Upper
 178 100
 179 47.1 12.9 19.3#
 176 28.4 15.8 23.8#



#19
 Fluoranthene
 Concen: 3.954 ng/ul
 RT: 19.427 min Scan# 3591
 Delta R.T. 0.005 min
 Lab File: BM041800.D
 Acq: 12 Sep 2023 04:48

Tgt Ion:202 Resp: 422751
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.5 15.7
 100 9.9 8.4 12.6

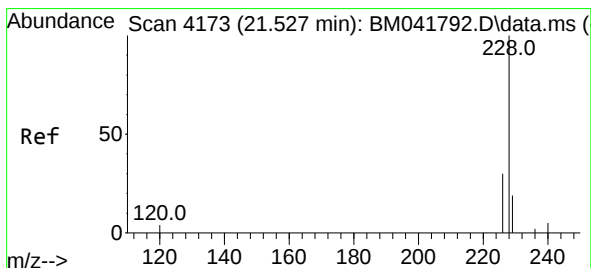
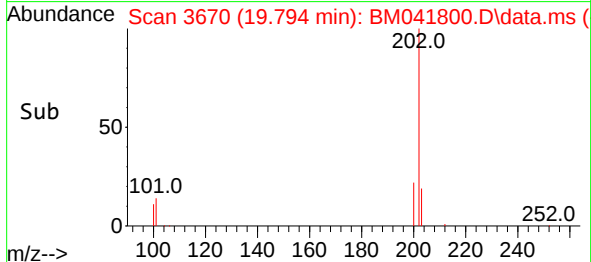
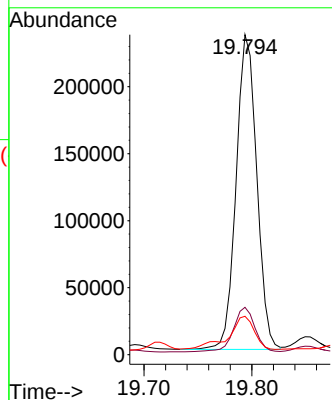
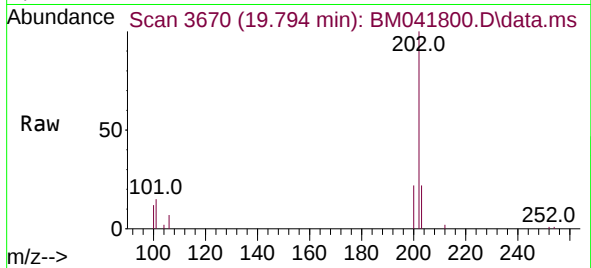




#20
Pyrene
Concen: 2.942 ng/ul
RT: 19.794 min Scan# 3
Delta R.T. 0.005 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48

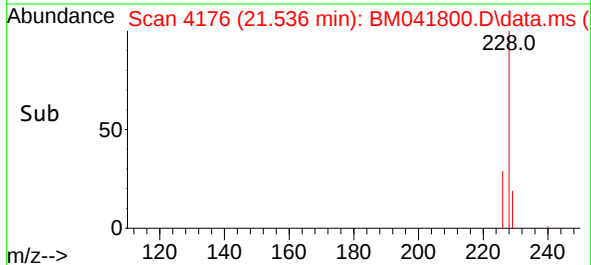
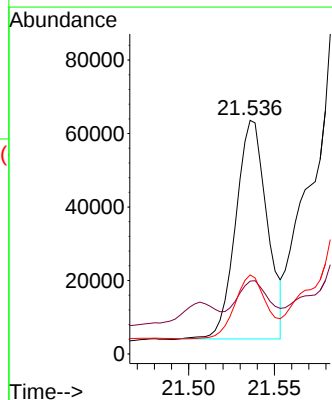
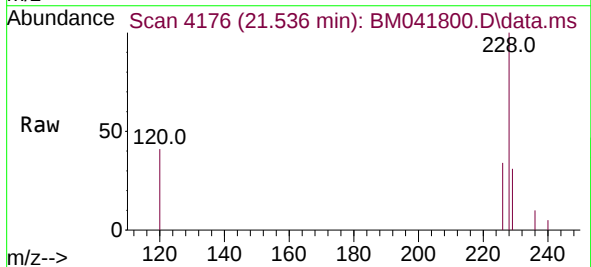
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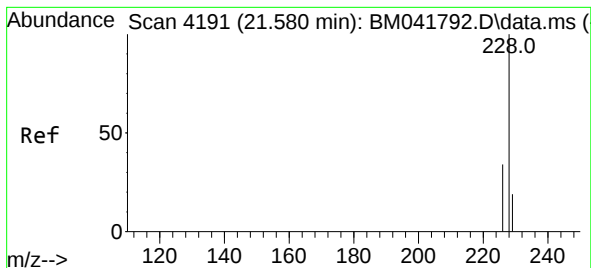
Tgt Ion:202 Resp: 312361
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.8
100 12.0 9.8 14.6



#21
Benzo(a)anthracene
Concen: 1.024 ng/ul
RT: 21.536 min Scan# 4176
Delta R.T. 0.009 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48

Tgt Ion:228 Resp: 75632
Ion Ratio Lower Upper
228 100
229 31.2 15.8 23.6#
226 33.9 24.8 37.2





#22

Chrysene

Concen: 2.586 ng/ul

RT: 21.591 min Scan# 41

Delta R.T. 0.012 min

Lab File: BM041800.D

Acq: 12 Sep 2023 04:48

Instrument :

BNA_M

ClientSampleId :

EZYW8

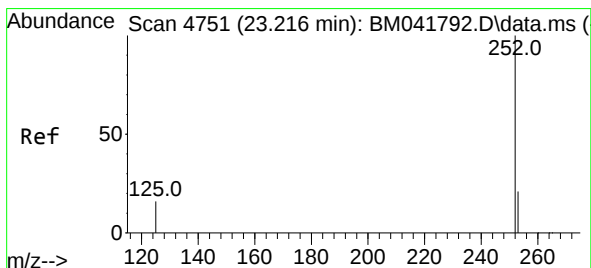
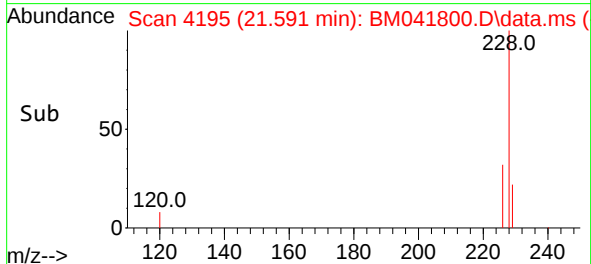
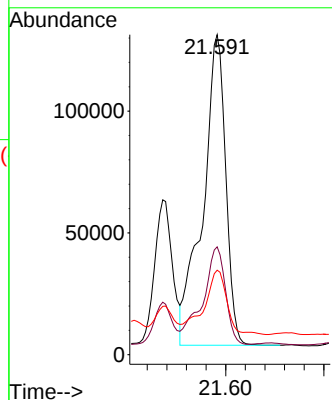
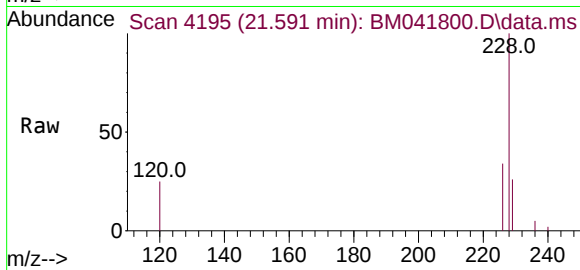
Tgt Ion:228 Resp: 206071

Ion Ratio Lower Upper

228 100

226 33.7 27.0 40.6

229 26.4 15.4 23.2#



#24

Benzo(b)fluoranthene

Concen: 2.569 ng/ul

RT: 23.243 min Scan# 4760

Delta R.T. 0.026 min

Lab File: BM041800.D

Acq: 12 Sep 2023 04:48

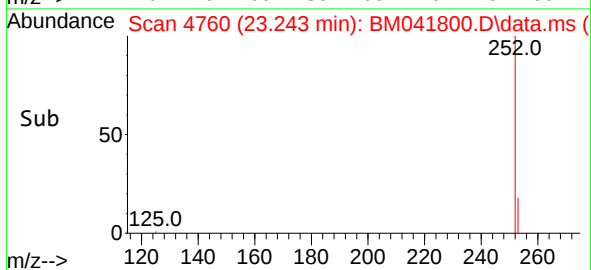
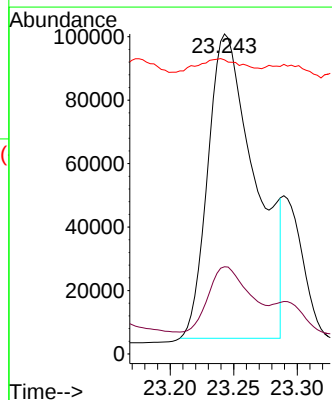
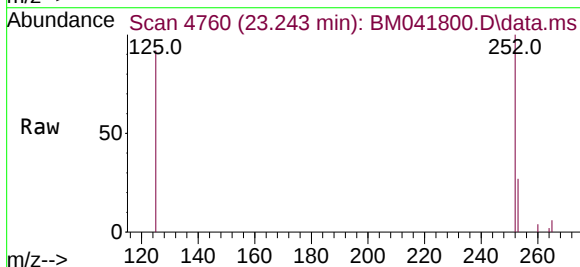
Tgt Ion:252 Resp: 248519

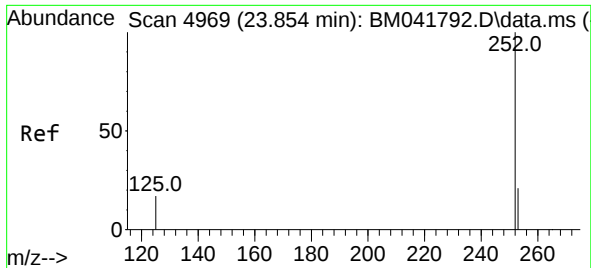
Ion Ratio Lower Upper

252 100

253 27.3 0.0 52.4

125 91.9 0.0 42.8#

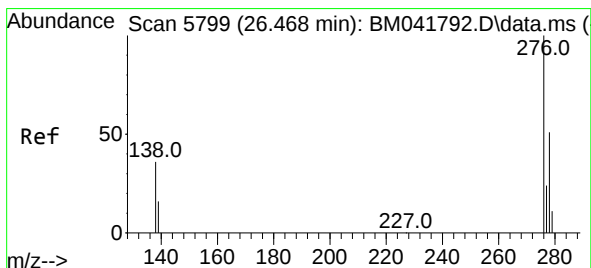
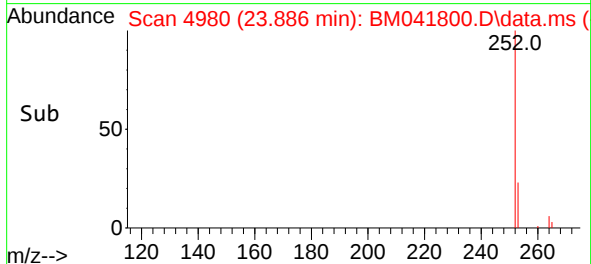
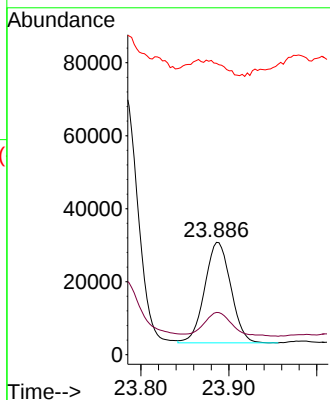
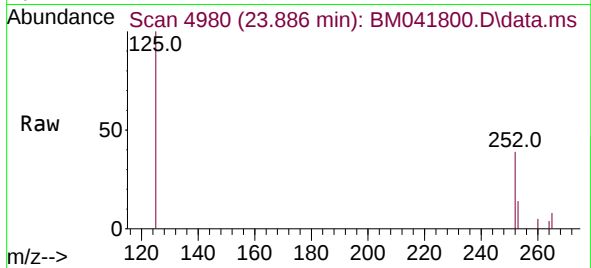




#26
Benzo(a)pyrene
Concen: 0.724 ng/ul
RT: 23.886 min Scan# 4980
Delta R.T. 0.032 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48

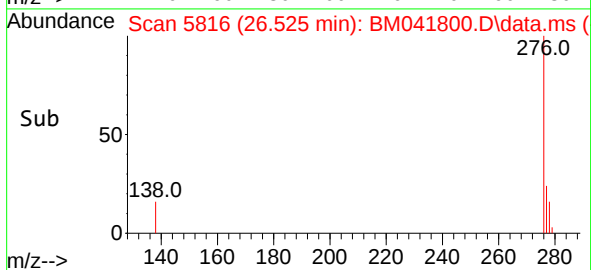
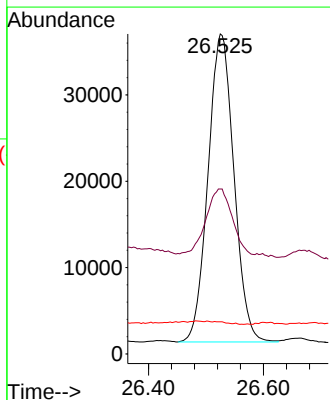
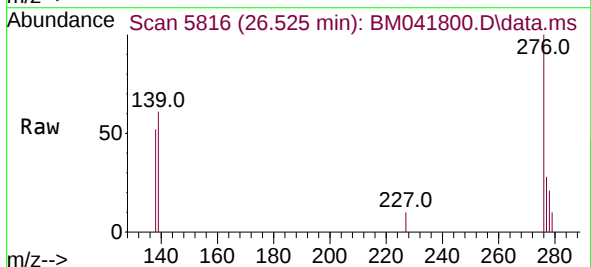
Instrument :
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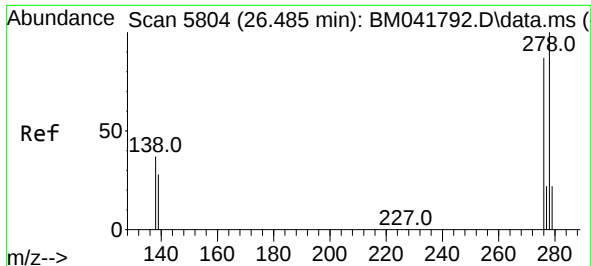
Tgt Ion:252 Resp: 56927
Ion Ratio Lower Upper
252 100
253 37.6 22.4 33.6#
125 259.4 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.034 ng/ul
RT: 26.525 min Scan# 5816
Delta R.T. 0.057 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48

Tgt Ion:276 Resp: 111467
Ion Ratio Lower Upper
276 100
138 24.2 26.4 39.6#
227 0.0 0.1 0.1#

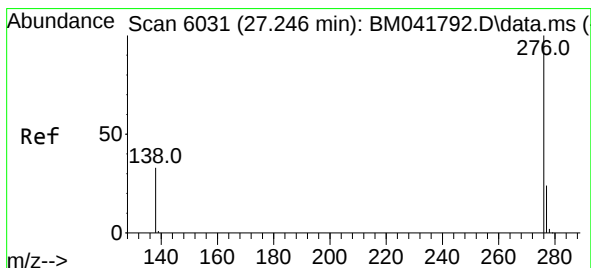
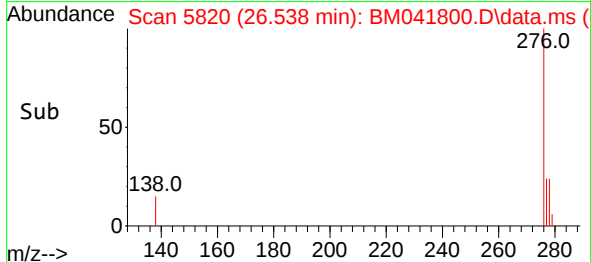
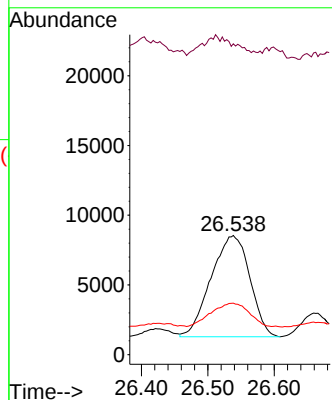
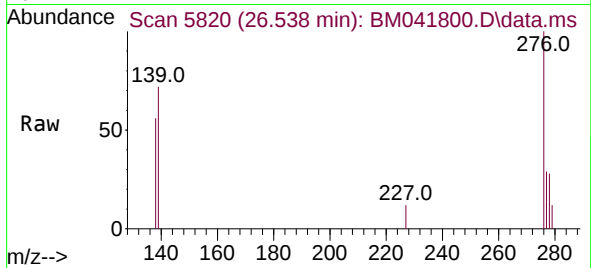




#28
Dibenzo(a,h)anthracene
Concen: 0.389 ng/ul
RT: 26.538 min Scan# 51
Delta R.T. 0.054 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48

Instrument :
BNA_M
ClientSampleId :
EZYW8

Tgt Ion:278 Resp: 29382
Ion Ratio Lower Upper
278 100
139 260.9 23.0 34.6#
279 43.3 22.9 34.3#



#29
Benzo(g,h,i)perylene
Concen: 1.305 ng/ul
RT: 27.316 min Scan# 6052
Delta R.T. 0.070 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48

Tgt Ion:276 Resp: 124712
Ion Ratio Lower Upper
276 100
138 52.2 25.0 37.4#
277 27.2 20.2 30.2

