

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042070.D
 Acq On : 26 Sep 2023 15:03
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4098

Quant Time: Sep 27 04:25:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

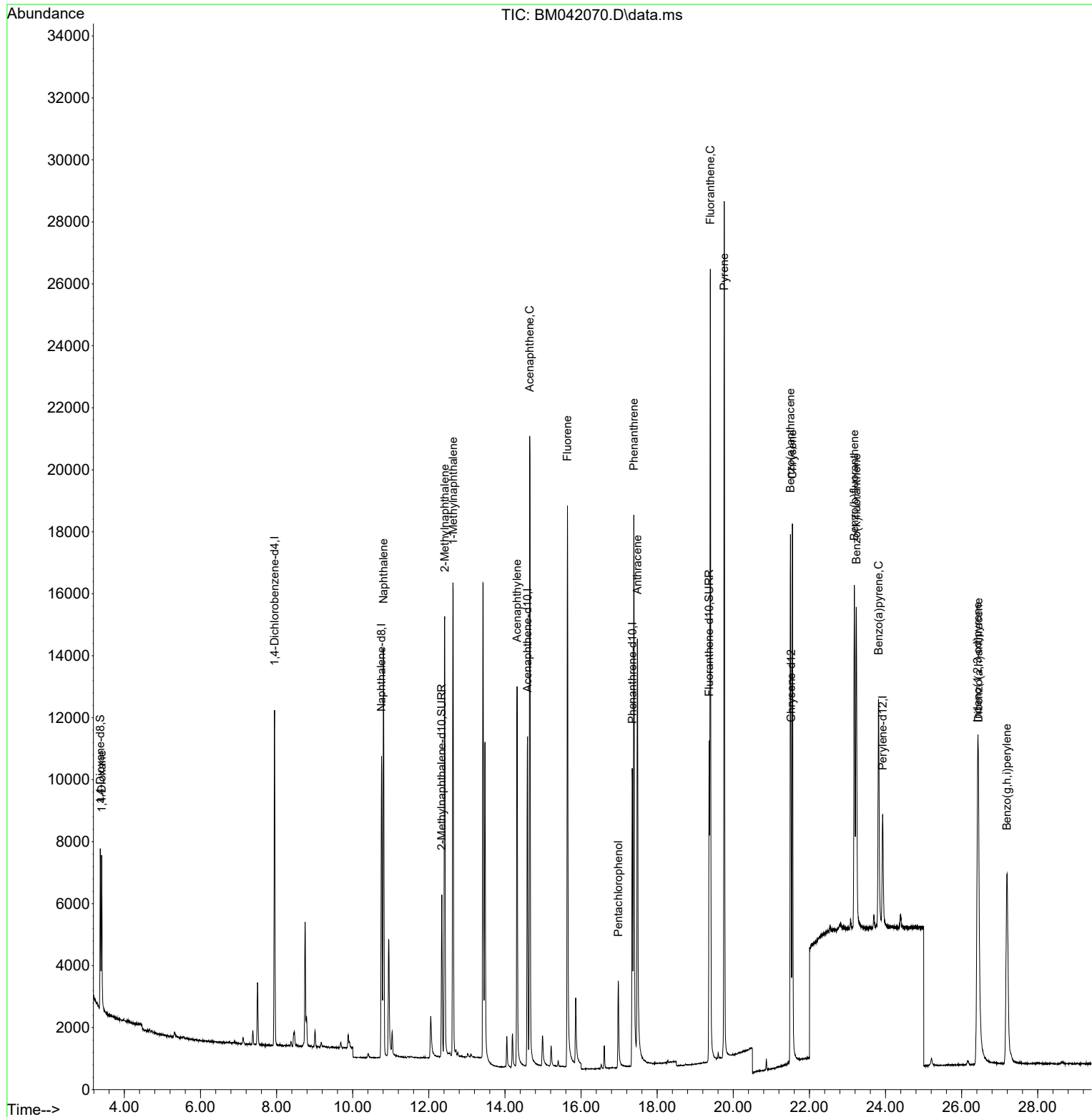
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	5371	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	13027	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.592	164	5801	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	11286	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	5162	0.400	ng/ul	0.00
23) Perylene-d12	23.924	264	5261	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	2952	0.403	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	6958	0.427	ng/ul	-0.01
18) Fluoranthene-d10	19.366	212	9502	0.447	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	3069	0.399	ng/ul	90
5) Naphthalene	10.807	128	17992	0.412	ng/ul	99
7) 2-Methylnaphthalene	12.418	142	10722	0.412	ng/ul	99
8) 1-Methylnaphthalene	12.638	142	10872	0.412	ng/ul	99
10) Acenaphthylene	14.319	152	15515	0.399	ng/ul	100
11) Acenaphthene	14.652	153	12076	0.405	ng/ul	100
12) Fluorene	15.642	166	13353	0.398	ng/ul	97
14) Pentachlorophenol	16.978	266	2260	0.379	ng/ul	99
15) Phenanthrene	17.388	178	20574	0.393	ng/ul	99
16) Anthracene	17.481	178	17884	0.395	ng/ul	100
19) Fluoranthene	19.399	202	22266	0.382	ng/ul	99
20) Pyrene	19.761	202	22965	0.400	ng/ul	99
21) Benzo(a)anthracene	21.501	228	14756	0.377	ng/ul	100
22) Chrysene	21.553	228	15435	0.382	ng/ul	99
24) Benzo(b)fluoranthene	23.181	252	14846	0.367	ng/ul	96
25) Benzo(k)fluoranthene	23.234	252	14644	0.372	ng/ul	95
26) Benzo(a)pyrene	23.819	252	12570	0.378	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.418	276	17066	0.373	ng/ul#	35
28) Dibenzo(a,h)anthracene	26.441	278	12362	0.374	ng/ul	99
29) Benzo(g,h,i)perylene	27.189	276	14924	0.388	ng/ul	99

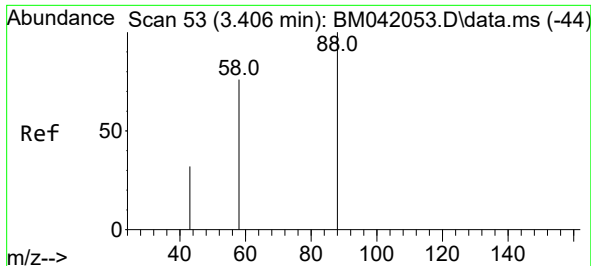
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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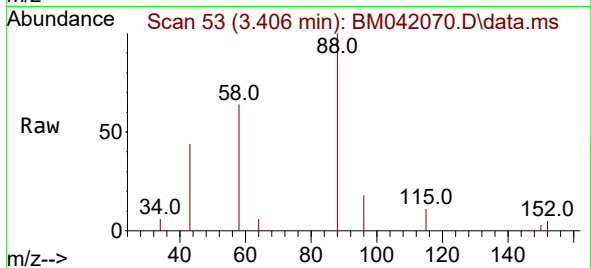
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
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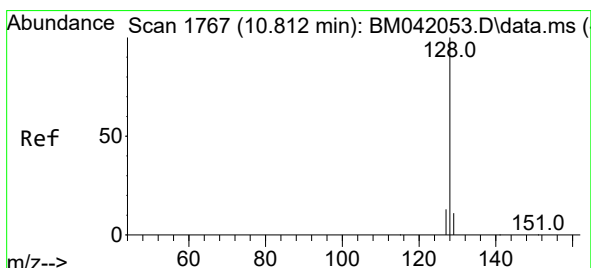
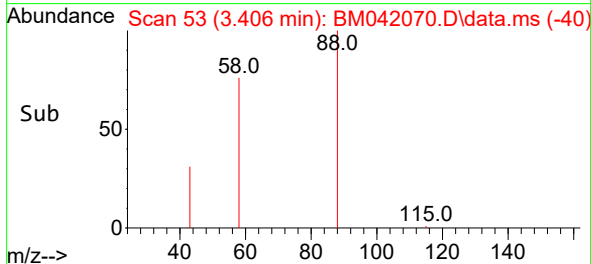
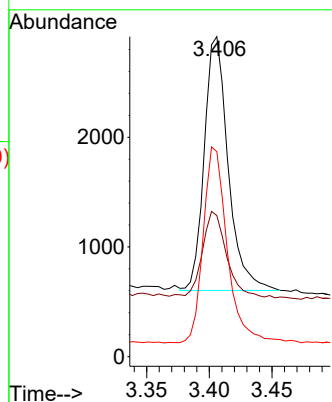
#2
1,4-Dioxane
Concen: 0.399 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042070.D
Acq: 26 Sep 2023 15:03

Instrument :
BNA_M
ClientSampleId :
SSTD0.4098



Tgt Ion: 88 Resp: 3069

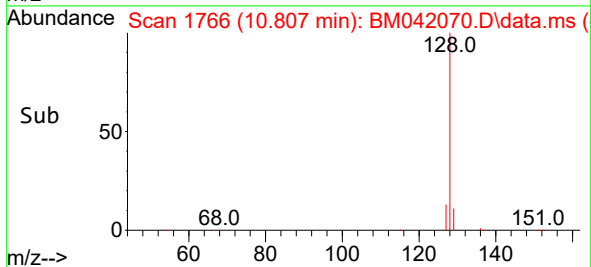
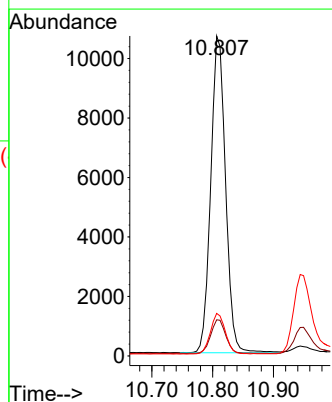
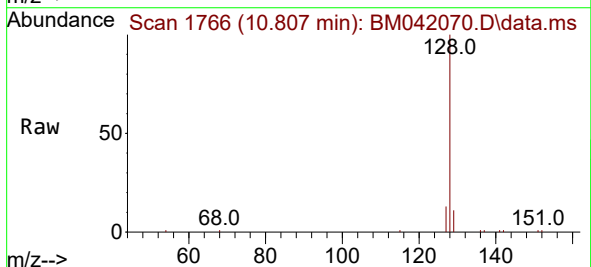
Ion	Ratio	Lower	Upper
88	100		
43	44.1	42.9	64.3
58	64.0	56.4	84.6

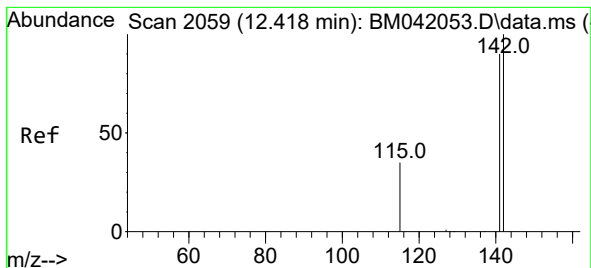


#5
Naphthalene
Concen: 0.412 ng/ul
RT: 10.807 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BM042070.D
Acq: 26 Sep 2023 15:03

Tgt Ion: 128 Resp: 17992

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.3	10.8	16.2

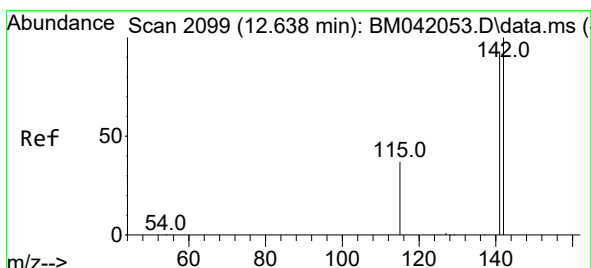
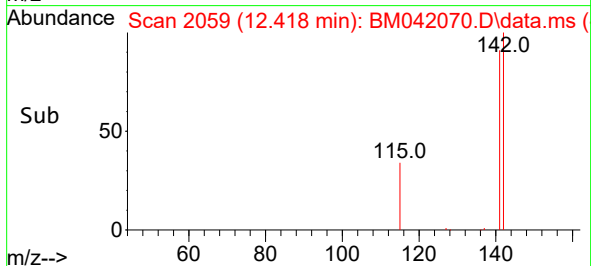
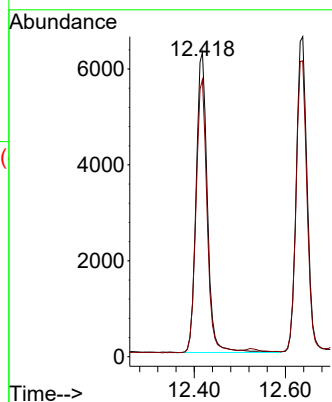
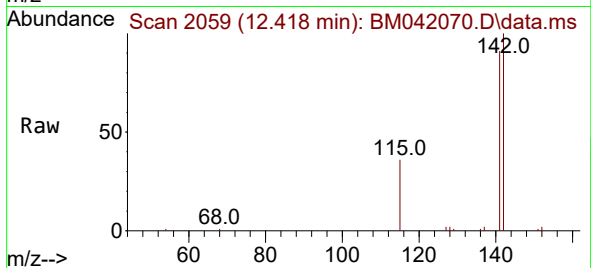




#7
2-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.418 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BM042070.D
Acq: 26 Sep 2023 15:03

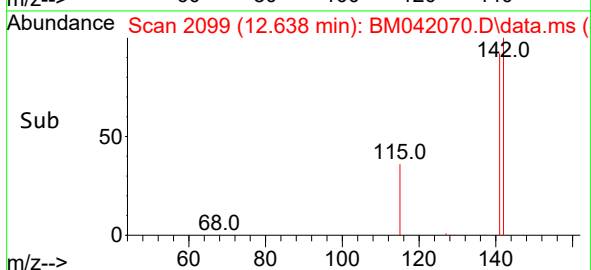
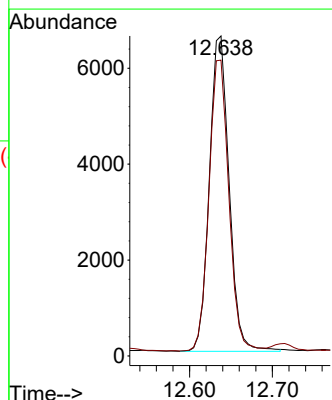
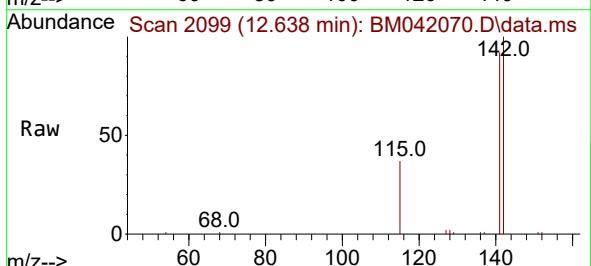
Instrument :
BNA_M
ClientSampleId :
SSTD0.4098

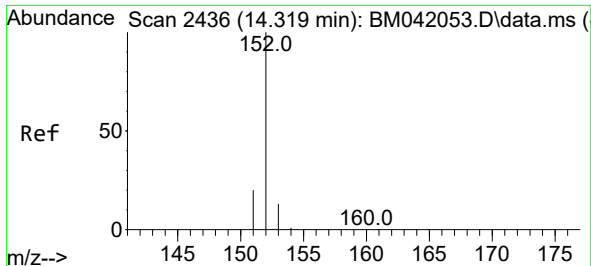
Tgt Ion:142 Resp: 10722
Ion Ratio Lower Upper
142 100
141 89.4 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BM042070.D
Acq: 26 Sep 2023 15:03

Tgt Ion:142 Resp: 10872
Ion Ratio Lower Upper
142 100
141 93.0 75.1 112.7

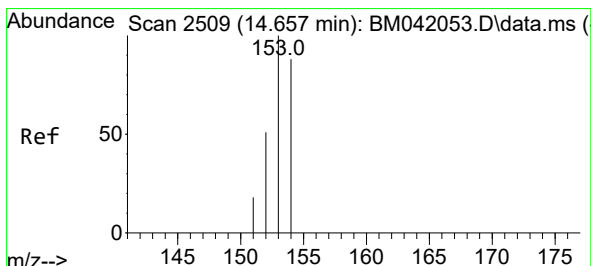
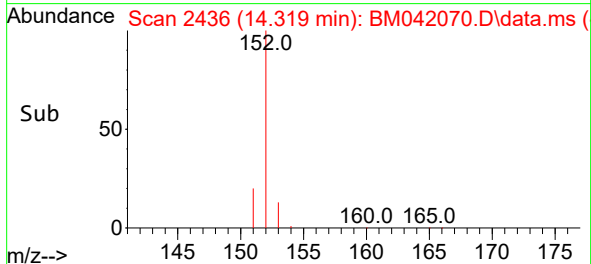
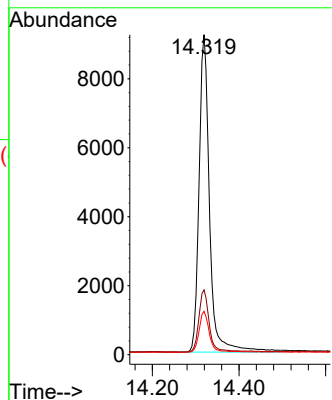
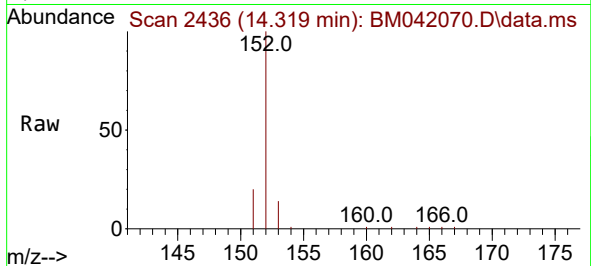




#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 14.319 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BM042070.D
Acq: 26 Sep 2023 15:03

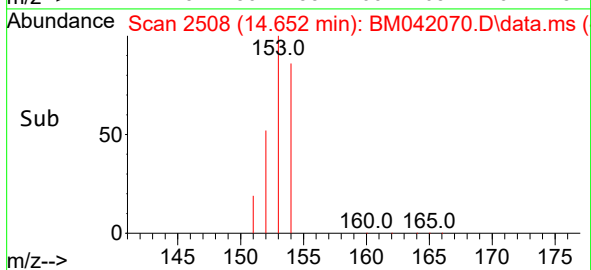
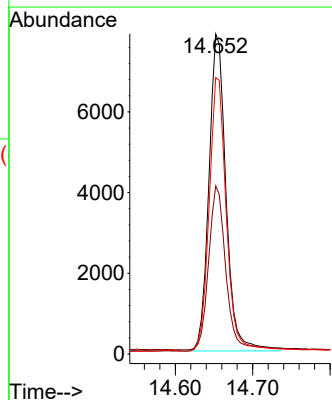
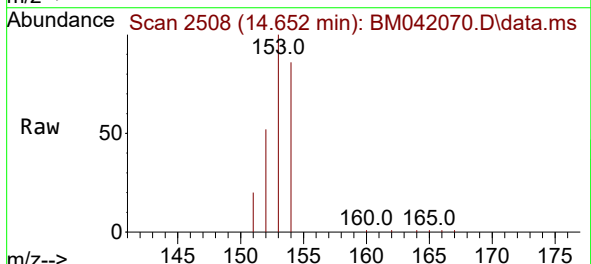
Instrument :
BNA_M
ClientSampleId :
SSTD0.4098

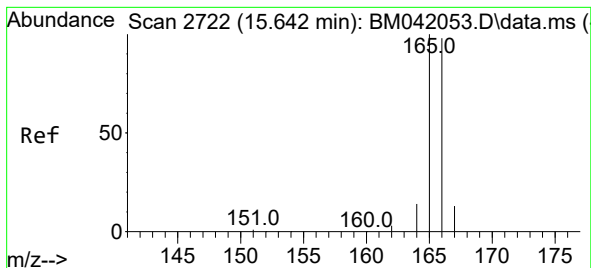
Tgt Ion:152 Resp: 15515
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.405 ng/ul
RT: 14.652 min Scan# 2508
Delta R.T. -0.009 min
Lab File: BM042070.D
Acq: 26 Sep 2023 15:03

Tgt Ion:153 Resp: 12076
Ion Ratio Lower Upper
153 100
152 52.5 41.8 62.8
154 86.4 69.0 103.6





#12

Fluorene

Concen: 0.398 ng/ul

RT: 15.642 min Scan# 21

Delta R.T. -0.009 min

Lab File: BM042070.D

Acq: 26 Sep 2023 15:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.4098

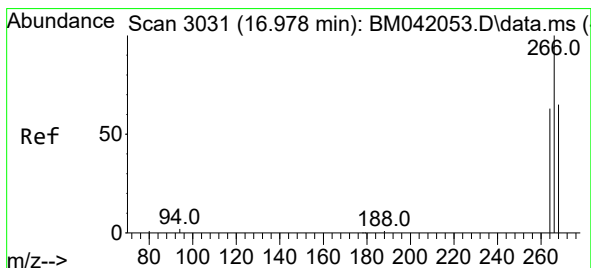
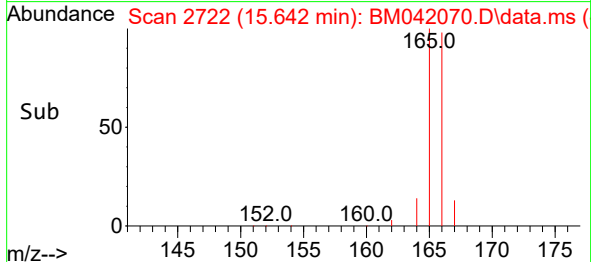
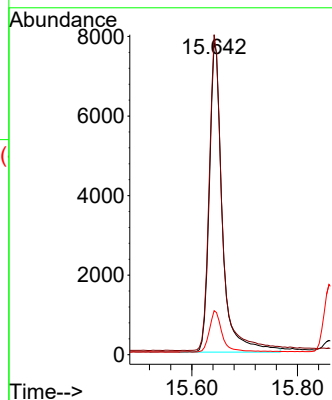
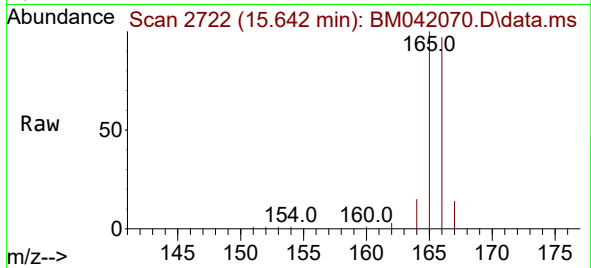
Tgt Ion:166 Resp: 13353

Ion Ratio Lower Upper

166 100

165 102.6 79.8 119.8

167 14.1 11.1 16.7



#14

Pentachlorophenol

Concen: 0.379 ng/ul

RT: 16.978 min Scan# 3031

Delta R.T. -0.004 min

Lab File: BM042070.D

Acq: 26 Sep 2023 15:03

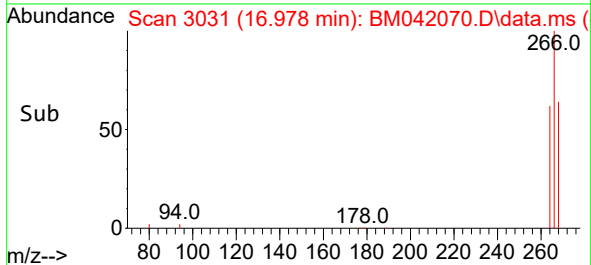
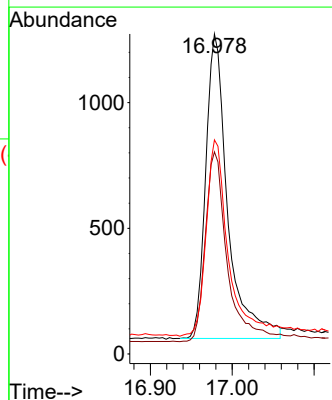
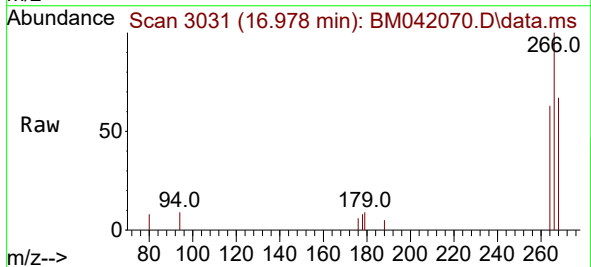
Tgt Ion:266 Resp: 2260

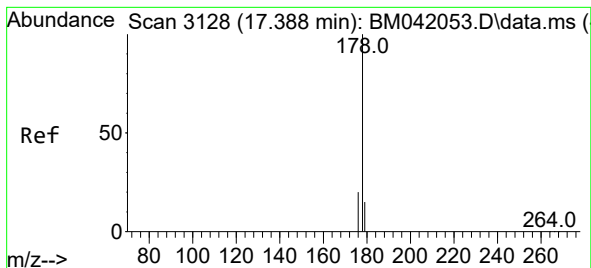
Ion Ratio Lower Upper

266 100

264 62.3 50.2 75.4

268 65.5 51.0 76.4





#15

Phenanthrene

Concen: 0.393 ng/ul

RT: 17.388 min Scan# 3128

Delta R.T. -0.008 min

Lab File: BM042070.D

Acq: 26 Sep 2023 15:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.4098

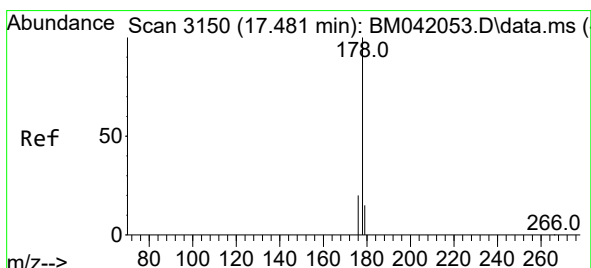
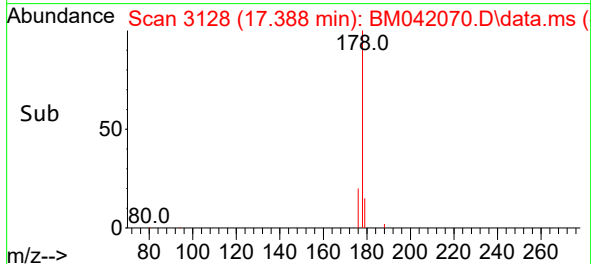
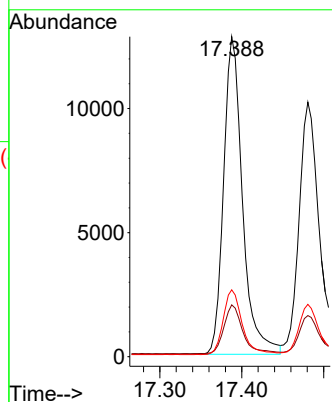
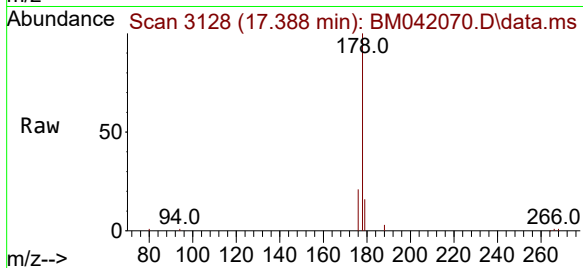
Tgt Ion:178 Resp: 20574

Ion Ratio Lower Upper

178 100

179 16.2 12.7 19.1

176 20.9 16.6 24.8



#16

Anthracene

Concen: 0.395 ng/ul

RT: 17.481 min Scan# 3150

Delta R.T. -0.008 min

Lab File: BM042070.D

Acq: 26 Sep 2023 15:03

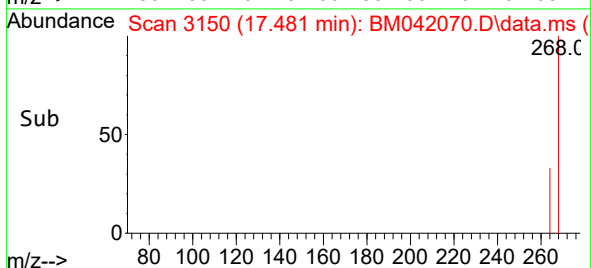
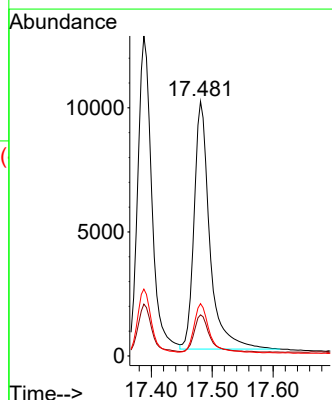
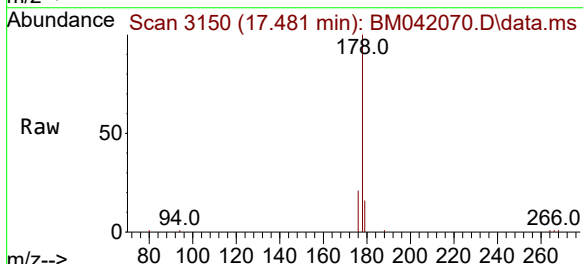
Tgt Ion:178 Resp: 17884

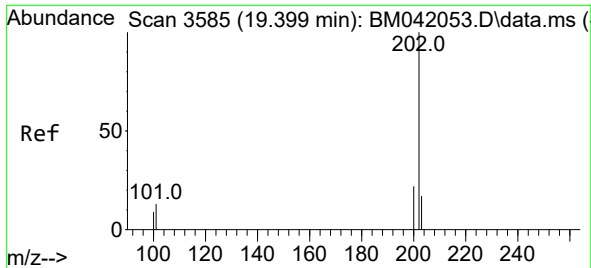
Ion Ratio Lower Upper

178 100

179 16.1 12.9 19.3

176 20.5 16.2 24.2

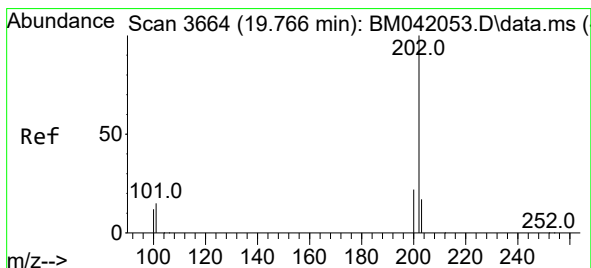
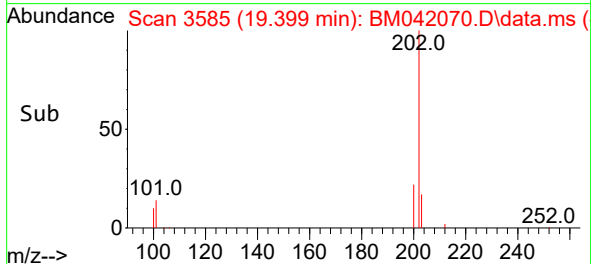
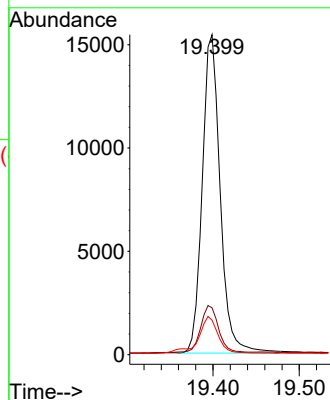
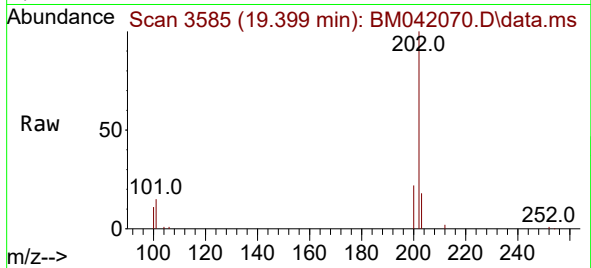




#19
Fluoranthene
Concen: 0.382 ng/ul
RT: 19.399 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BM042070.D
Acq: 26 Sep 2023 15:03

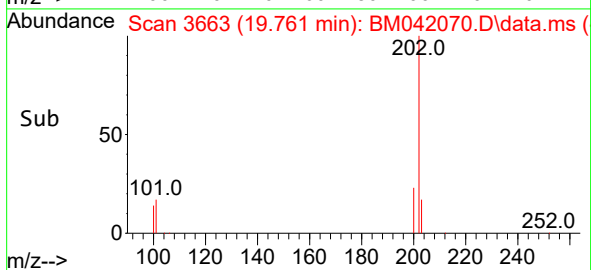
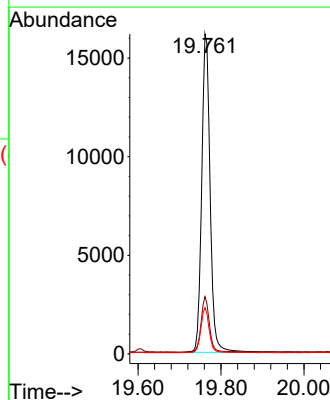
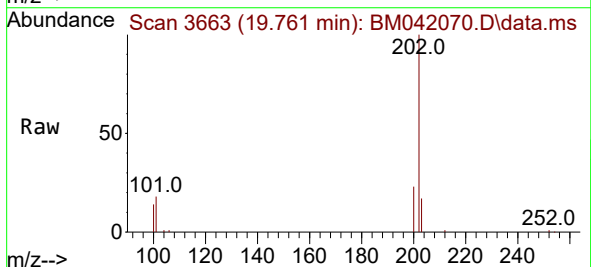
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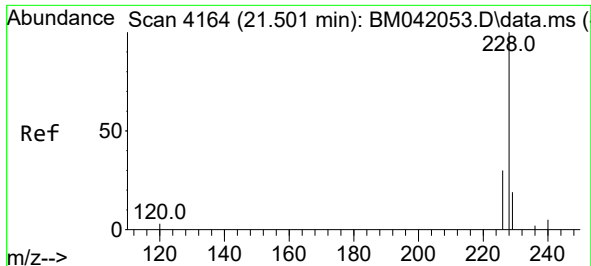
Tgt Ion:202 Resp: 22266
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 10.8 9.1 13.7



#20
Pyrene
Concen: 0.400 ng/ul
RT: 19.761 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BM042070.D
Acq: 26 Sep 2023 15:03

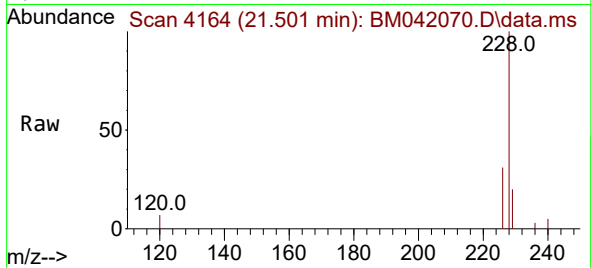
Tgt Ion:202 Resp: 22965
Ion Ratio Lower Upper
202 100
101 17.9 14.1 21.1
100 14.4 11.4 17.0



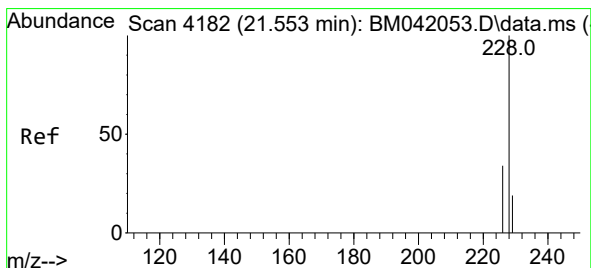
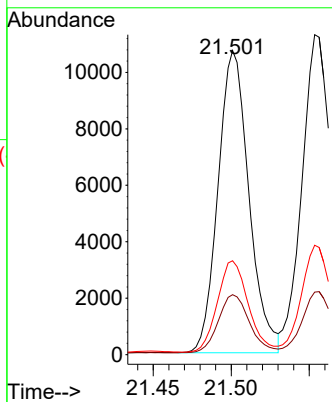
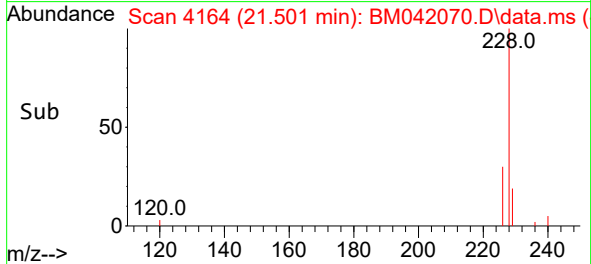


#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BM042070.D
Acq: 26 Sep 2023 15:03

Instrument :
BNA_M
ClientSampleId :
SSTD0.4098

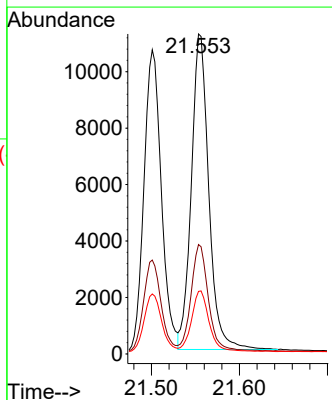
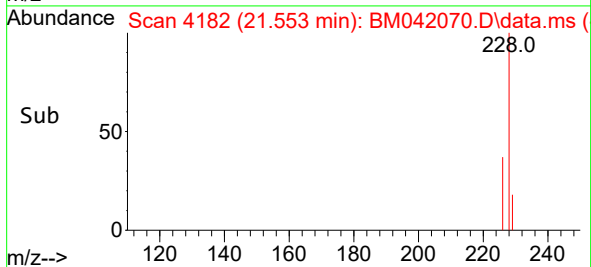
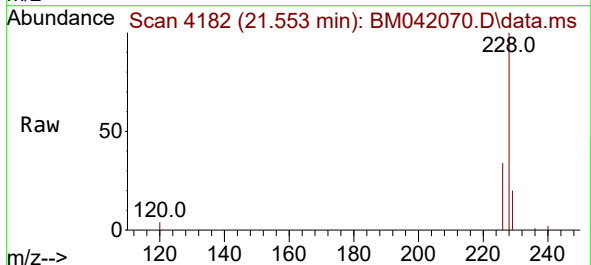


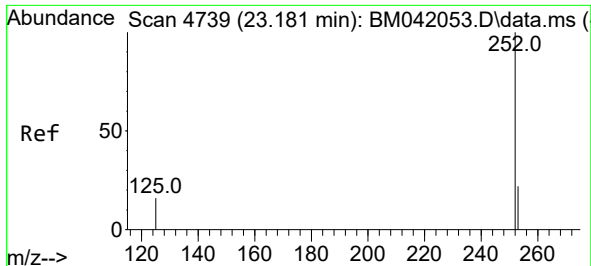
Tgt Ion:228 Resp: 14756
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 30.9 24.8 37.2



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.009 min
Lab File: BM042070.D
Acq: 26 Sep 2023 15:03

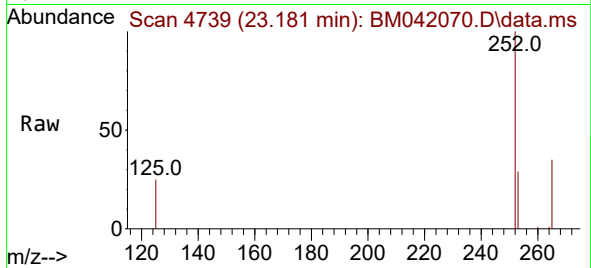
Tgt Ion:228 Resp: 15435
Ion Ratio Lower Upper
228 100
226 34.2 27.8 41.6
229 19.6 15.6 23.4



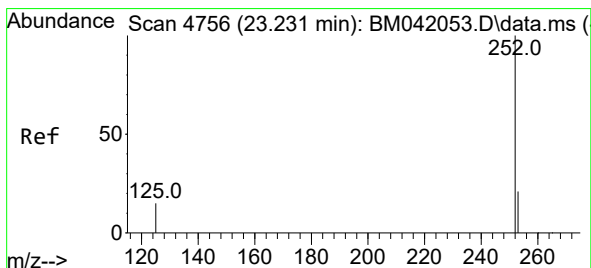
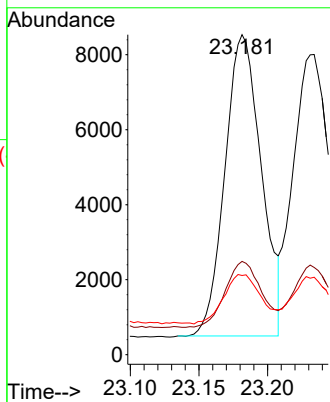
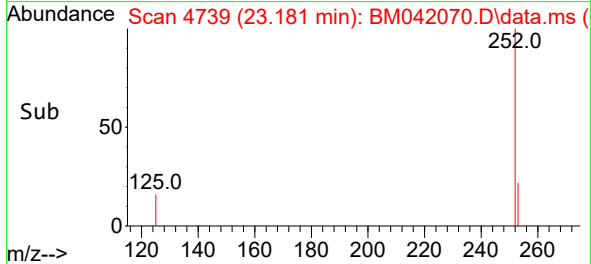


#24
Benzo(b)fluoranthene
Concen: 0.367 ng/ul
RT: 23.181 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM042070.D
Acq: 26 Sep 2023 15:03

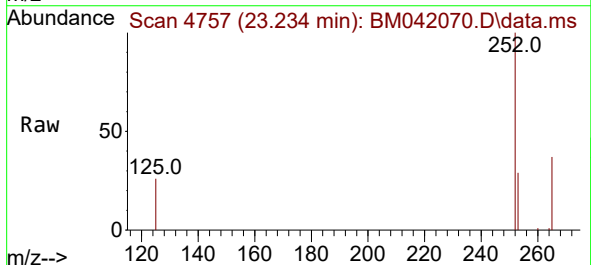
Instrument :
BNA_M
ClientSampleId :
SSTD0.4098



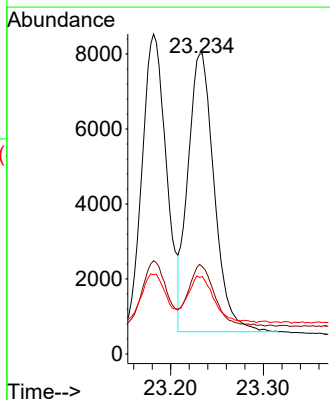
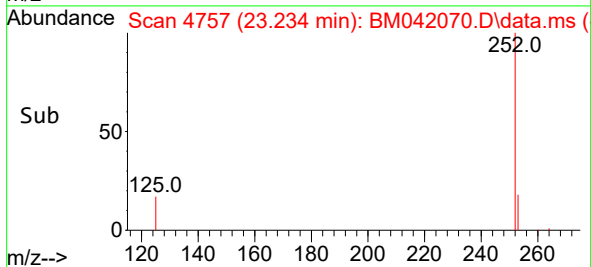
Tgt Ion:252 Resp: 14846
Ion Ratio Lower Upper
252 100
253 29.1 0.0 54.4
125 24.8 0.0 46.2

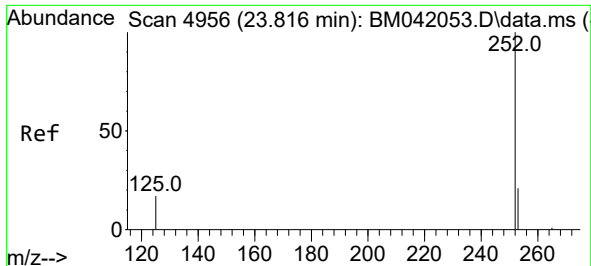


#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul
RT: 23.234 min Scan# 4757
Delta R.T. -0.006 min
Lab File: BM042070.D
Acq: 26 Sep 2023 15:03



Tgt Ion:252 Resp: 14644
Ion Ratio Lower Upper
252 100
253 29.0 21.0 31.6
125 25.8 19.0 28.6

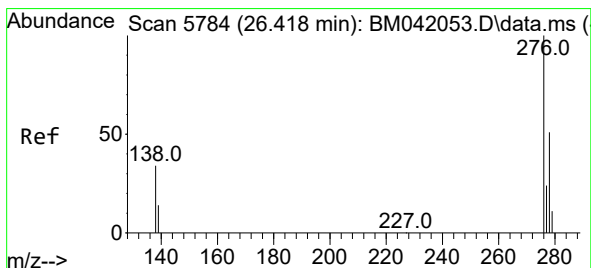
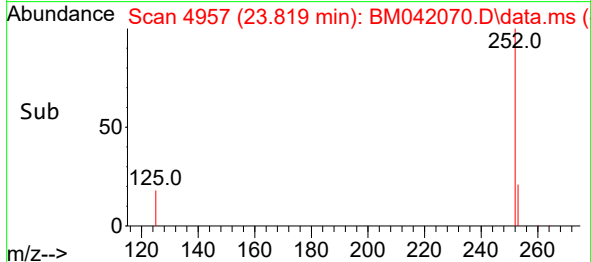
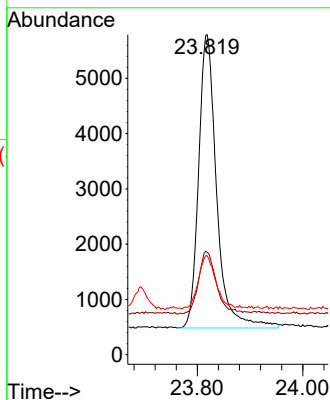
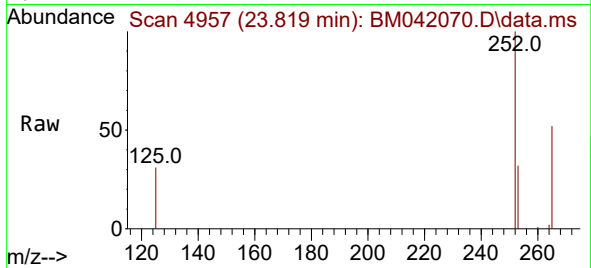




#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 23.819 min Scan# 4956
Delta R.T. -0.009 min
Lab File: BM042070.D
Acq: 26 Sep 2023 15:03

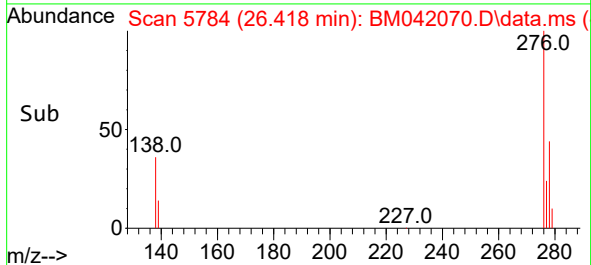
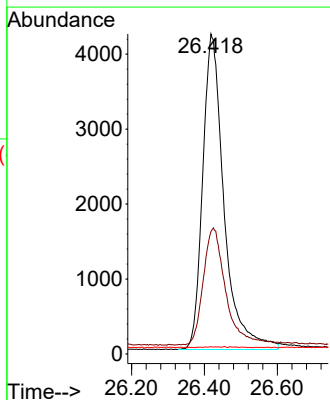
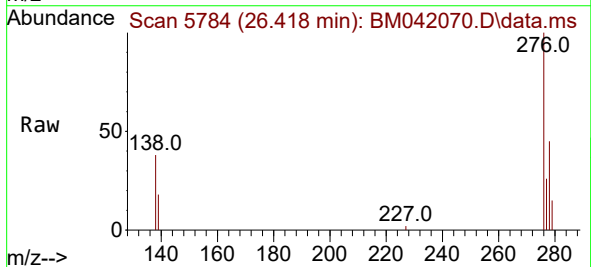
Instrument :
BNA_M
ClientSampleId :
SSTD0.4098

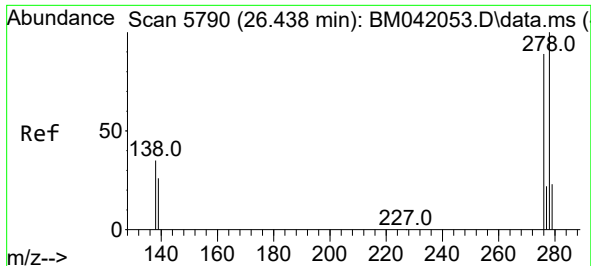
Tgt Ion:252 Resp: 12570
Ion Ratio Lower Upper
252 100
253 32.0 23.2 34.8
125 30.9 22.5 33.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/ul
RT: 26.418 min Scan# 5784
Delta R.T. -0.013 min
Lab File: BM042070.D
Acq: 26 Sep 2023 15:03

Tgt Ion:276 Resp: 17066
Ion Ratio Lower Upper
276 100
138 0.0 32.1 48.1#
227 0.1 0.2 0.2#

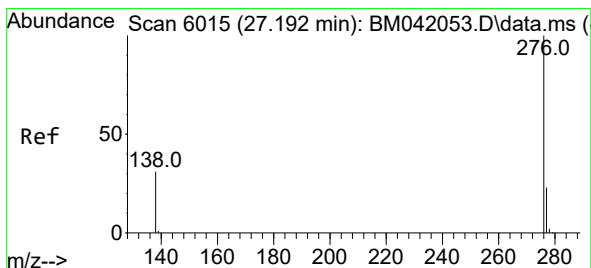
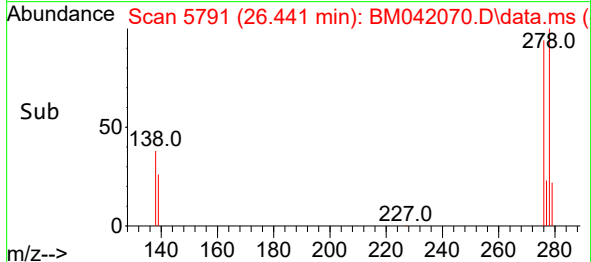
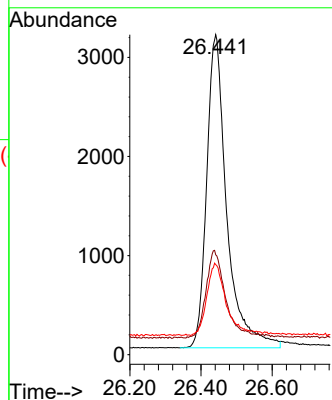
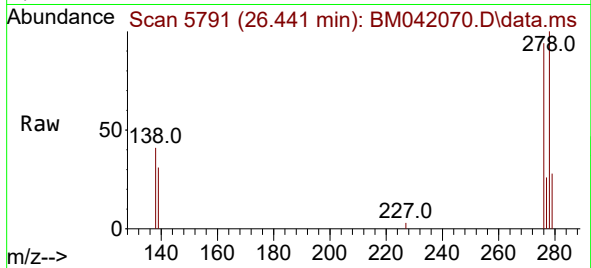




#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 26.441 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM042070.D
Acq: 26 Sep 2023 15:03

Instrument :
BNA_M
ClientSampleId :
SSTD0.4098

Tgt Ion:278 Resp: 12362
Ion Ratio Lower Upper
278 100
139 31.2 25.0 37.6
279 28.2 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.388 ng/ul
RT: 27.189 min Scan# 6014
Delta R.T. -0.020 min
Lab File: BM042070.D
Acq: 26 Sep 2023 15:03

Tgt Ion:276 Resp: 14924
Ion Ratio Lower Upper
276 100
138 36.6 29.0 43.4
277 25.2 19.6 29.4

