

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038543.D
 Acq On : 26 Jan 2023 11:19
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4065

Quant Time: Jan 27 00:43:06 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 00:18:15 2023
 Response via : Initial Calibration

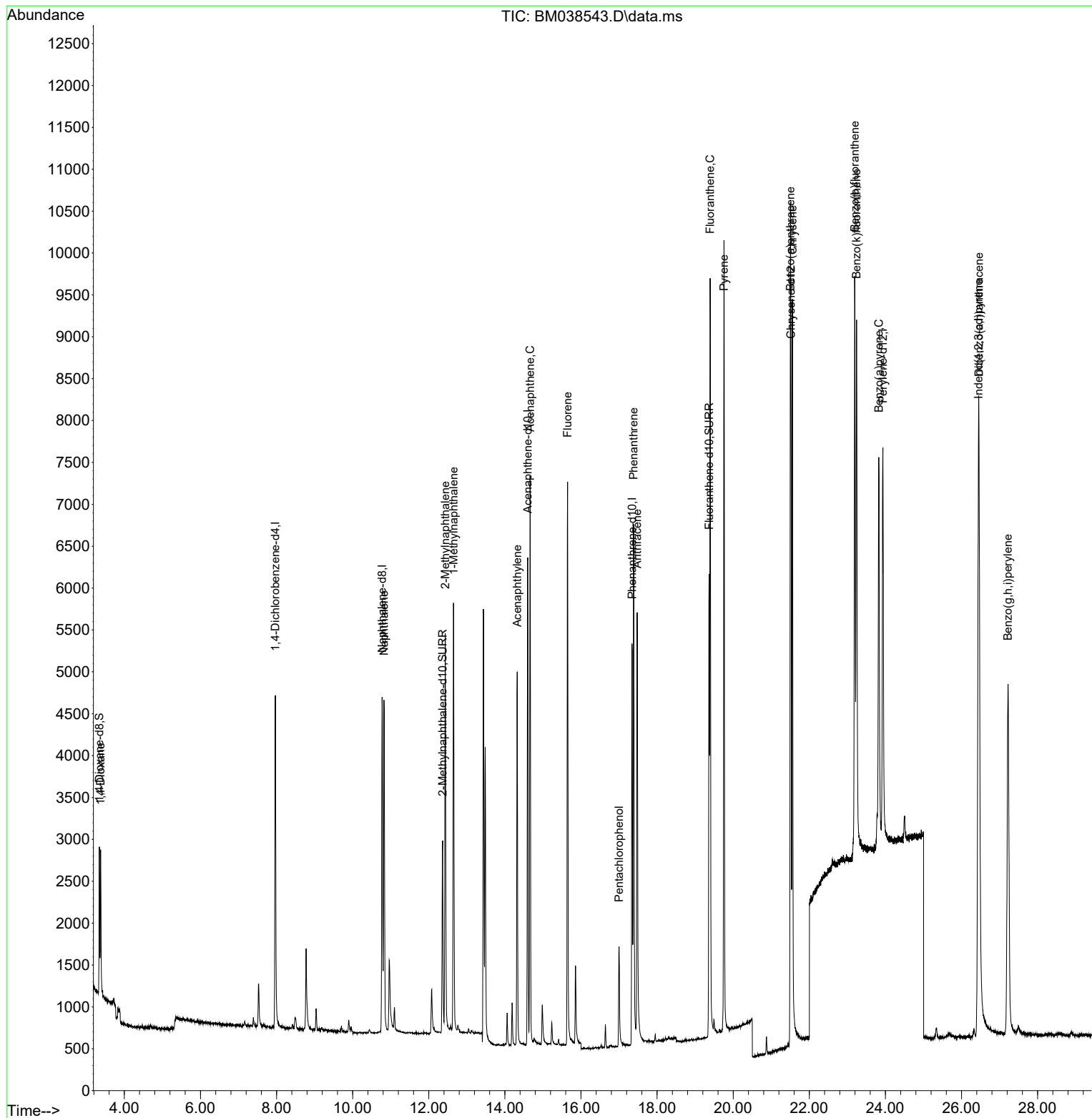
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	2215	0.400	ng/ul	0.00
4) Naphthalene-d8	10.773	136	5692	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	3240	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	6687	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	6194	0.400	ng/ul	0.00
23) Perylene-d12	23.933	264	6856	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1152	0.396	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	3162	0.358	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	6833	0.386	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	1145	0.388	ng/ul#	32
5) Naphthalene	10.823	128	5569	0.301	ng/ul	99
7) 2-Methylnaphthalene	12.434	142	3469	0.355	ng/ul	97
8) 1-Methylnaphthalene	12.654	142	3509	0.348	ng/ul	100
10) Acenaphthylene	14.324	152	5159	0.361	ng/ul	99
11) Acenaphthene	14.661	153	3934	0.361	ng/ul	100
12) Fluorene	15.647	166	4487	0.330	ng/ul	99
14) Pentachlorophenol	16.999	266	1006	0.369	ng/ul	100
15) Phenanthrene	17.383	178	6944	0.321	ng/ul	98
16) Anthracene	17.476	178	6385	0.346	ng/ul	99
19) Fluoranthene	19.394	202	8411	0.381	ng/ul	100
20) Pyrene	19.756	202	8854	0.373	ng/ul	100
21) Benzo(a)anthracene	21.504	228	7937	0.361	ng/ul	99
22) Chrysene	21.556	228	8137	0.368	ng/ul	99
24) Benzo(b)fluoranthene	23.193	252	9518	0.369	ng/ul	98
25) Benzo(k)fluoranthene	23.240	252	9423	0.376	ng/ul	99
26) Benzo(a)pyrene	23.827	252	8547	0.369	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.444	276	12099	0.371	ng/ul#	65
28) Dibenzo(a,h)anthracene	26.458	278	9550	0.368	ng/ul	100
29) Benzo(g,h,i)perylene	27.219	276	10651	0.376	ng/ul	98

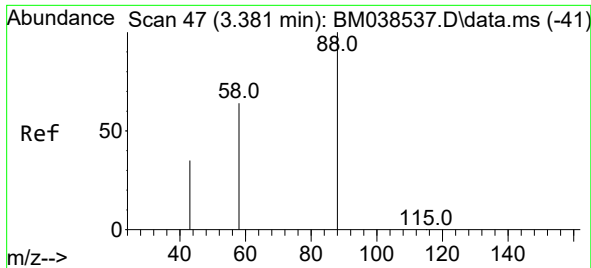
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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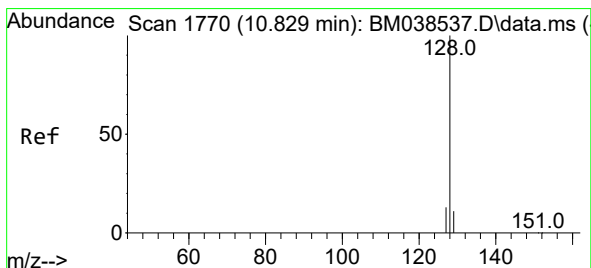
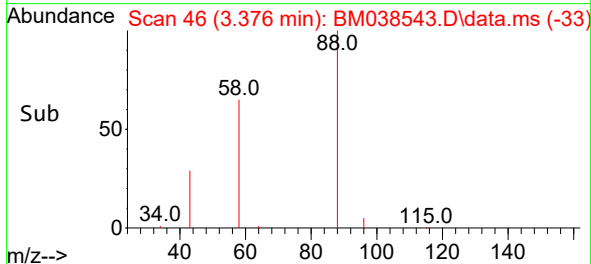
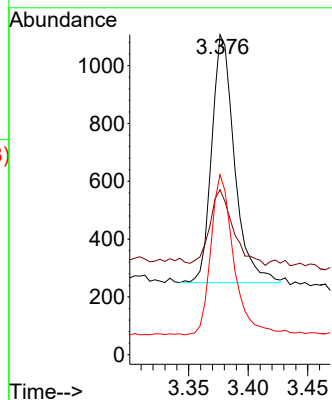
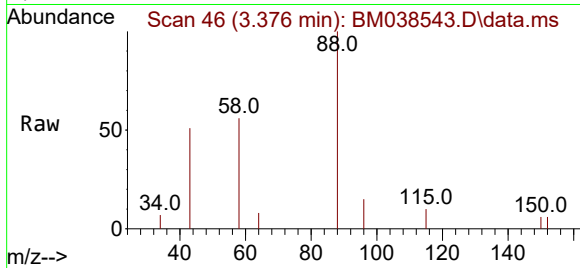




#2
1,4-Dioxane
Concen: 0.388 ng/ul
RT: 3.376 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM038543.D
Acq: 26 Jan 2023 11:19

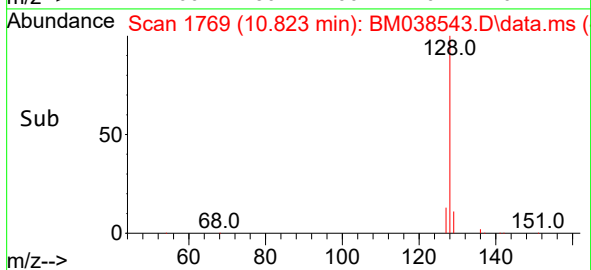
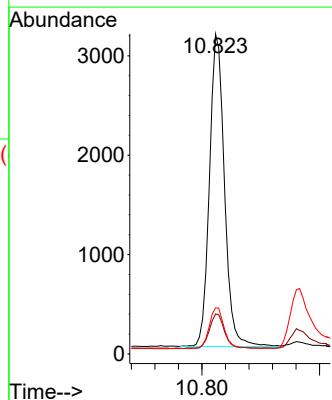
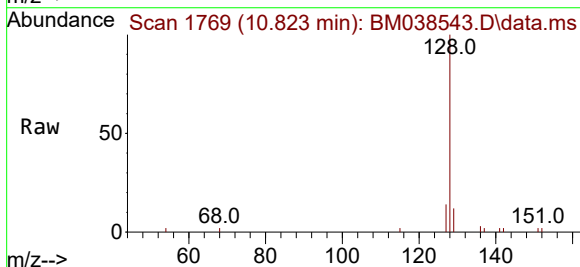
Instrument :
BNA_M
ClientSampleId :
SSTD0.4065

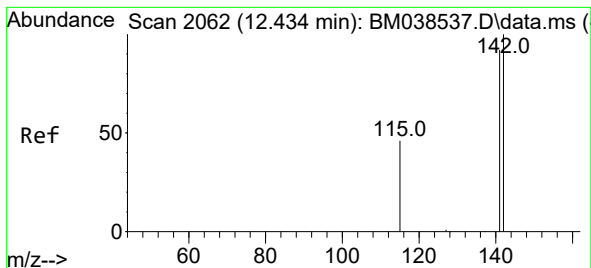
Tgt Ion: 88 Resp: 1145
Ion Ratio Lower Upper
88 100
43 51.5 141.3 211.9#
58 56.3 45.7 68.5



#5
Naphthalene
Concen: 0.301 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM038543.D
Acq: 26 Jan 2023 11:19

Tgt Ion: 128 Resp: 5569
Ion Ratio Lower Upper
128 100
129 12.5 10.3 15.5
127 14.4 11.9 17.9

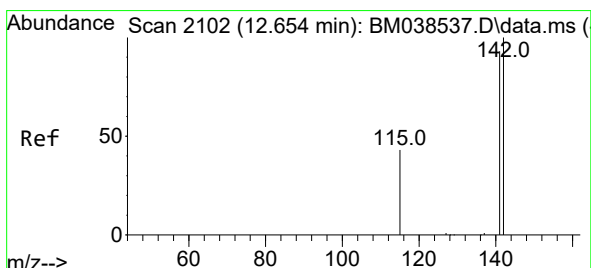
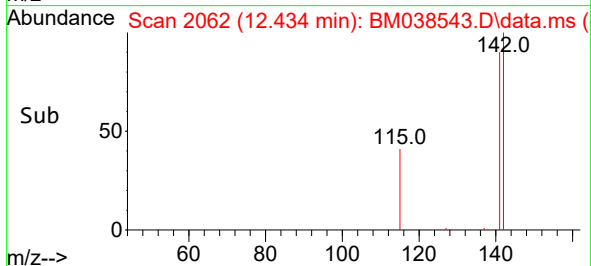
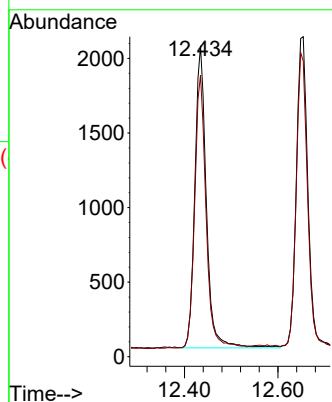
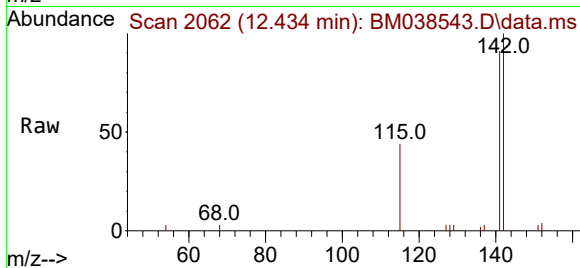




#7
2-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.434 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BM038543.D
Acq: 26 Jan 2023 11:19

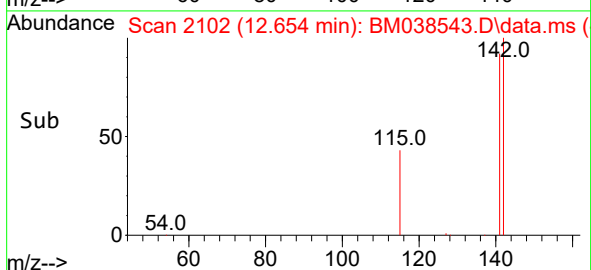
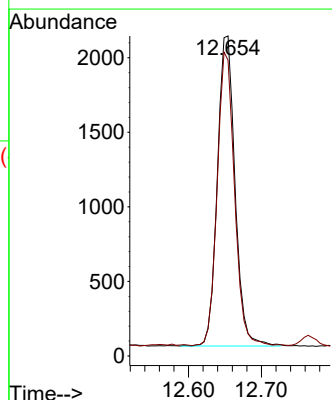
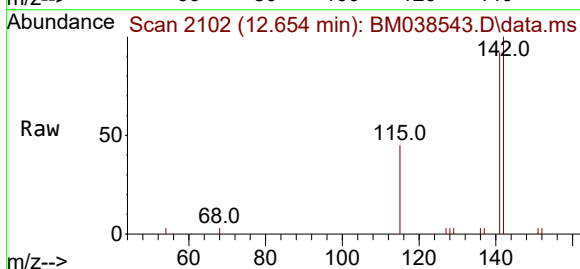
Instrument :
BNA_M
ClientSampleId :
SSTD0.4065

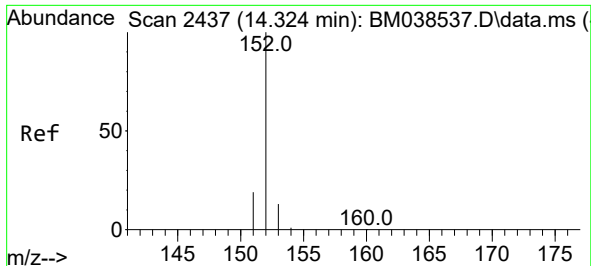
Tgt Ion:142 Resp: 3469
Ion Ratio Lower Upper
142 100
141 89.1 73.7 110.5



#8
1-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM038543.D
Acq: 26 Jan 2023 11:19

Tgt Ion:142 Resp: 3509
Ion Ratio Lower Upper
142 100
141 92.8 74.0 111.0

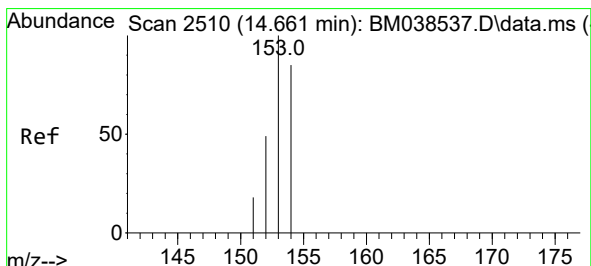
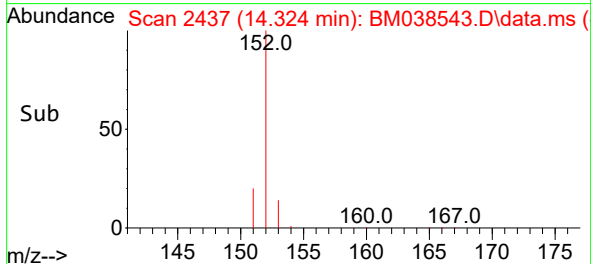
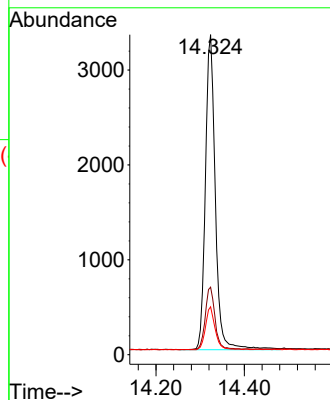
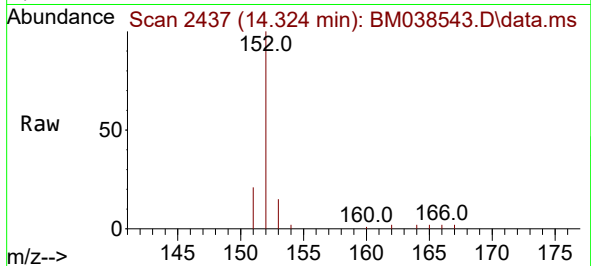




#10
Acenaphthylene
Concen: 0.361 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM038543.D
Acq: 26 Jan 2023 11:19

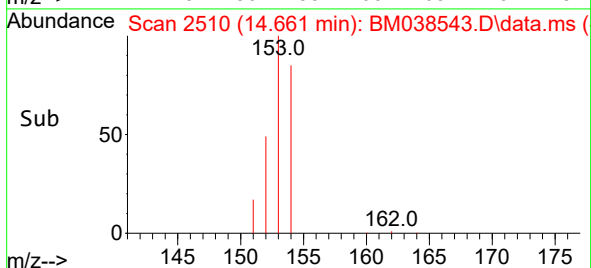
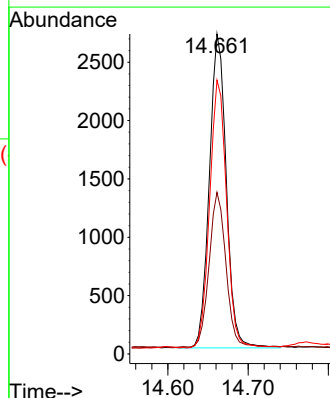
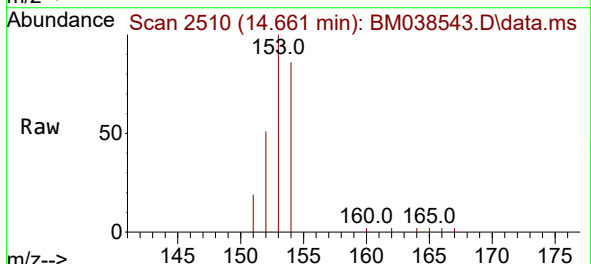
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BNA_M
ClientSampleId :
SSTD0.4065

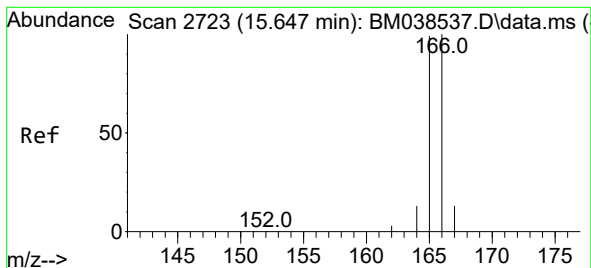
Tgt Ion:152 Resp: 5159
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 14.9 11.8 17.6



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BM038543.D
Acq: 26 Jan 2023 11:19

Tgt Ion:153 Resp: 3934
Ion Ratio Lower Upper
153 100
152 50.5 40.1 60.1
154 85.6 68.4 102.6





#12

Fluorene

Concen: 0.330 ng/ul

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038543.D

Acq: 26 Jan 2023 11:19

Instrument :

BNA_M

ClientSampleId :

SSTD0.4065

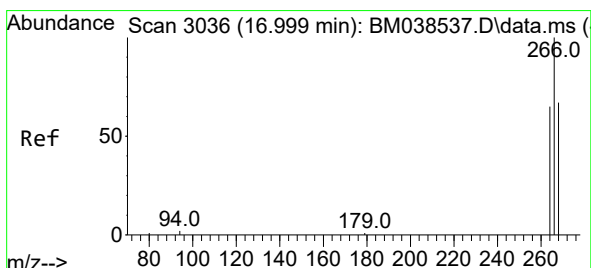
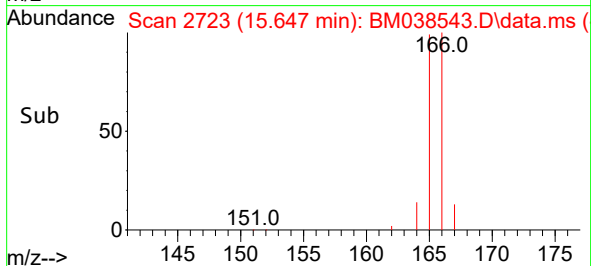
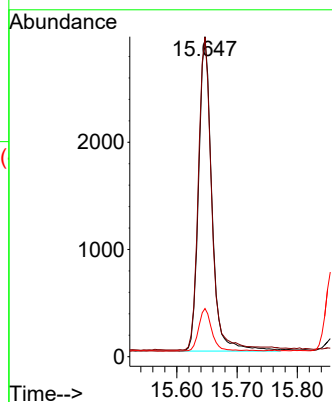
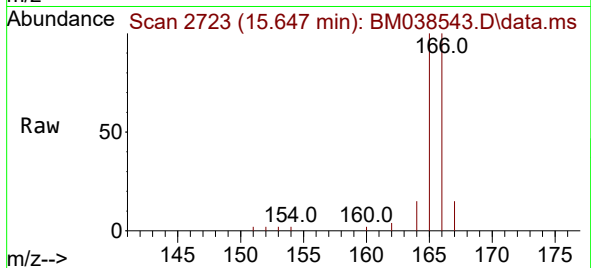
Tgt Ion:166 Resp: 4487

Ion Ratio Lower Upper

166 100

165 99.8 79.3 118.9

167 15.0 11.9 17.9



#14

Pentachlorophenol

Concen: 0.369 ng/ul

RT: 16.999 min Scan# 3036

Delta R.T. -0.000 min

Lab File: BM038543.D

Acq: 26 Jan 2023 11:19

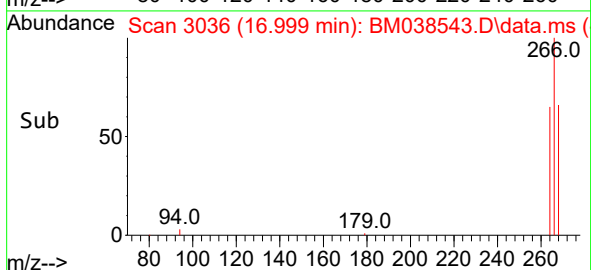
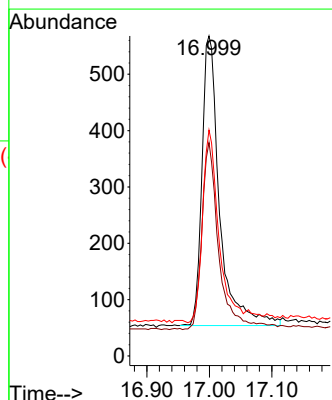
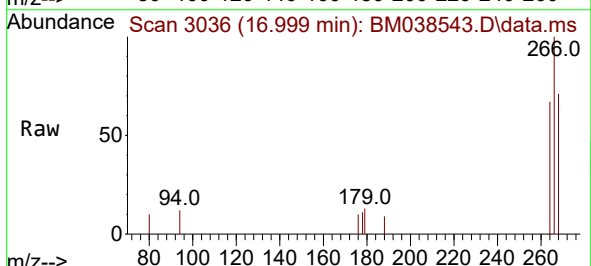
Tgt Ion:266 Resp: 1006

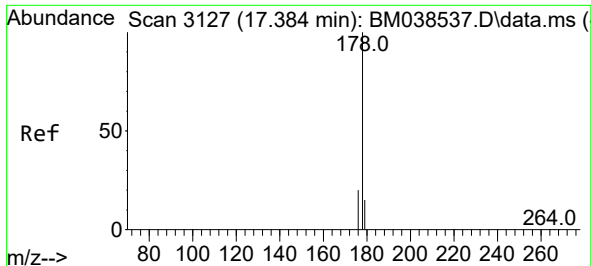
Ion Ratio Lower Upper

266 100

264 62.3 49.4 74.2

268 64.4 51.7 77.5

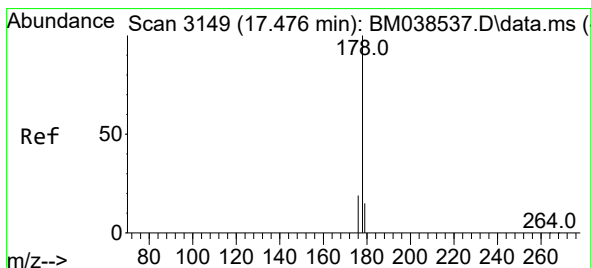
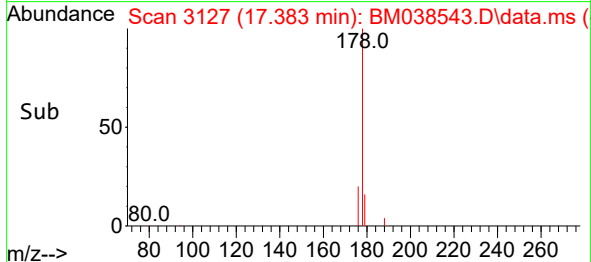
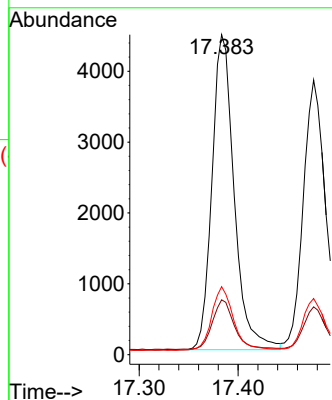
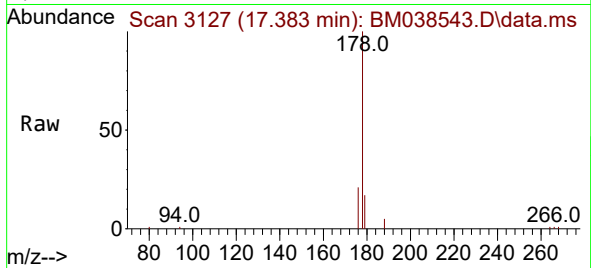




#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.383 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM038543.D
Acq: 26 Jan 2023 11:19

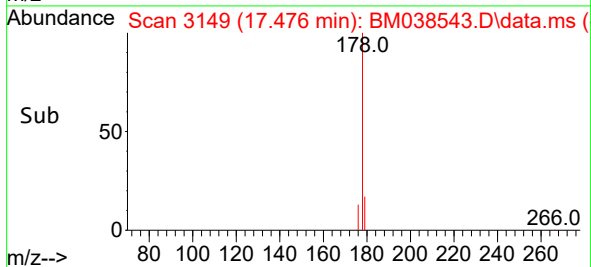
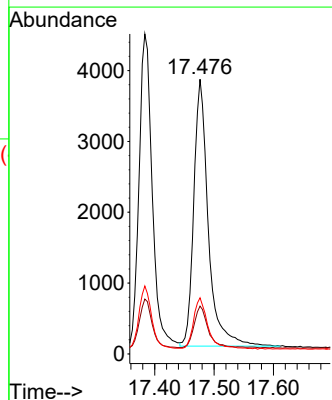
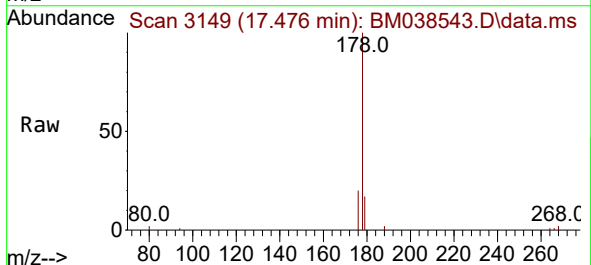
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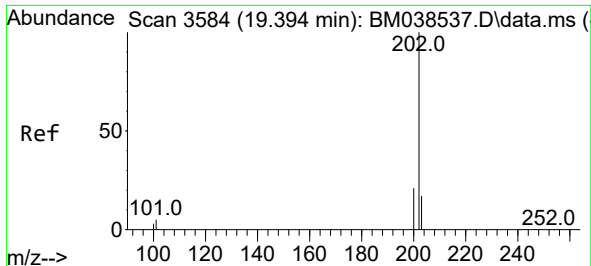
Tgt Ion:178 Resp: 6944
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.4
176 21.2 16.4 24.6



#16
Anthracene
Concen: 0.346 ng/ul
RT: 17.476 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BM038543.D
Acq: 26 Jan 2023 11:19

Tgt Ion:178 Resp: 6385
Ion Ratio Lower Upper
178 100
179 17.4 13.2 19.8
176 20.5 16.2 24.4

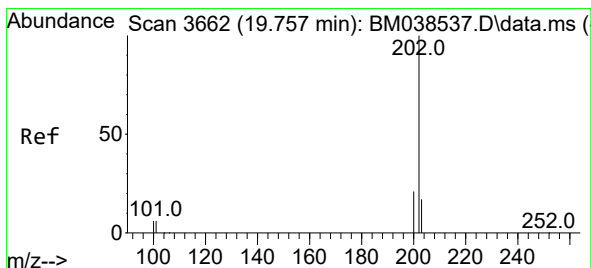
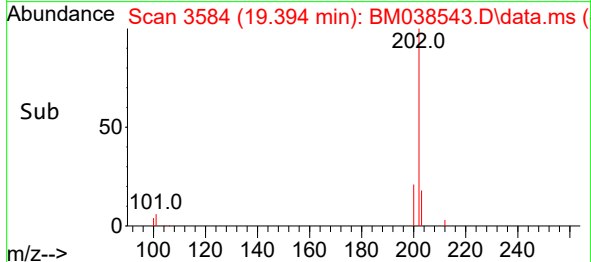
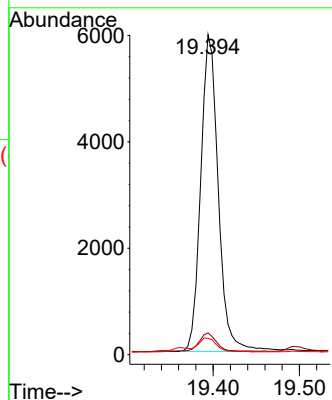
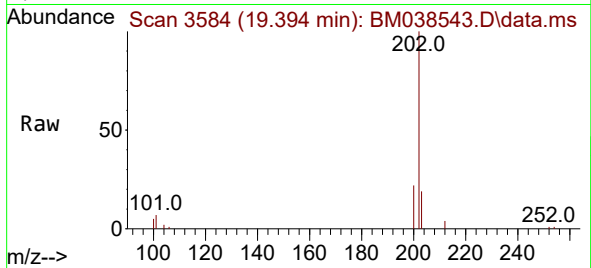




#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BM038543.D
Acq: 26 Jan 2023 11:19

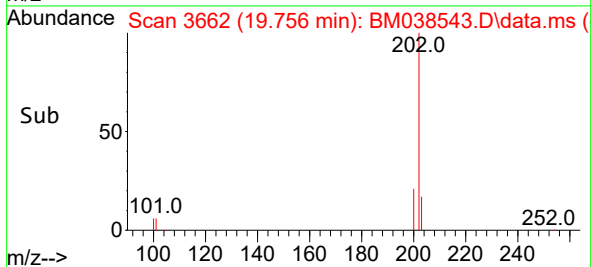
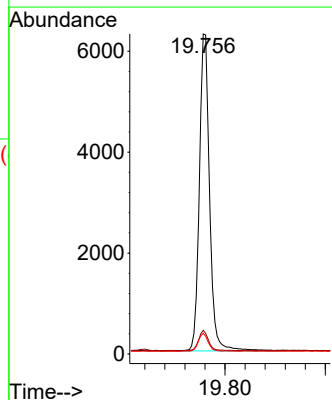
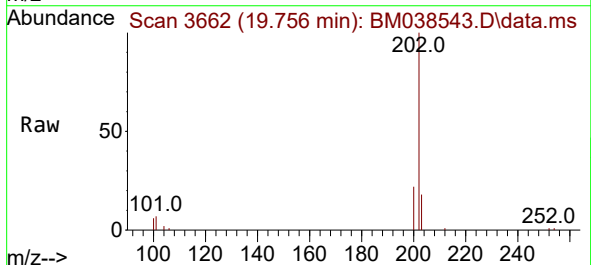
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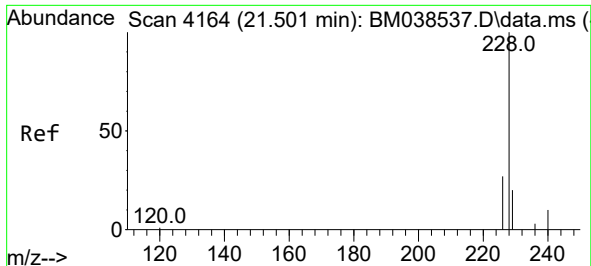
Tgt Ion:202 Resp: 8411
Ion Ratio Lower Upper
202 100
101 6.8 5.3 7.9
100 5.1 4.2 6.2



#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.756 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM038543.D
Acq: 26 Jan 2023 11:19

Tgt Ion:202 Resp: 8854
Ion Ratio Lower Upper
202 100
101 7.4 5.9 8.9
100 6.4 5.2 7.8

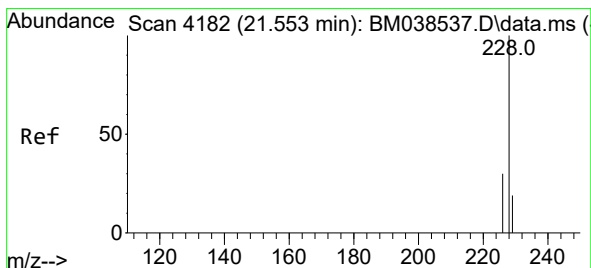
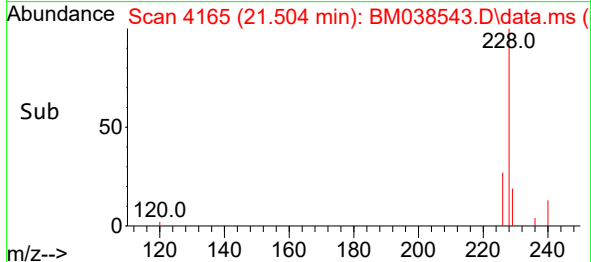
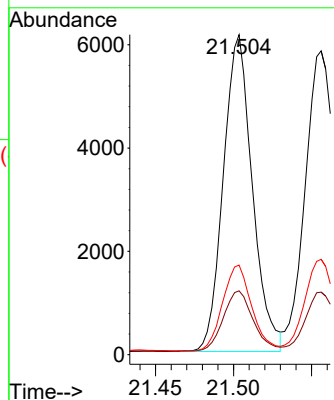
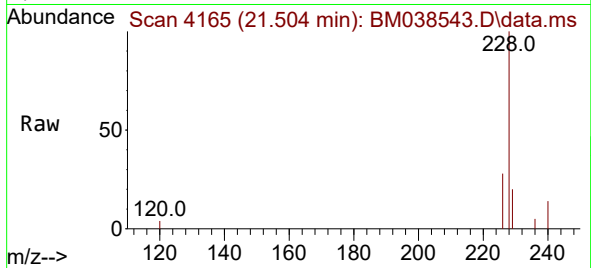




#21
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.504 min Scan# 4164
Delta R.T. 0.003 min
Lab File: BM038543.D
Acq: 26 Jan 2023 11:19

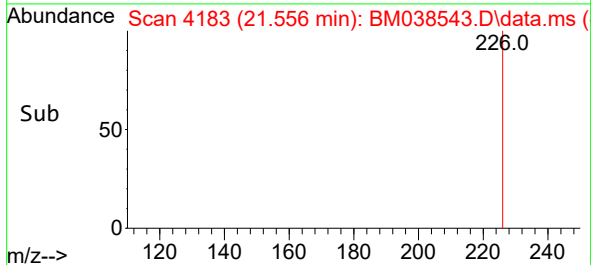
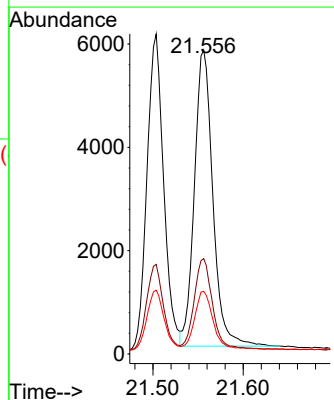
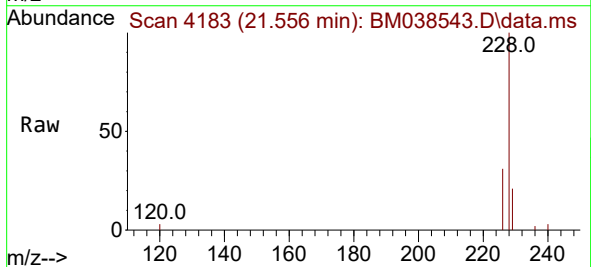
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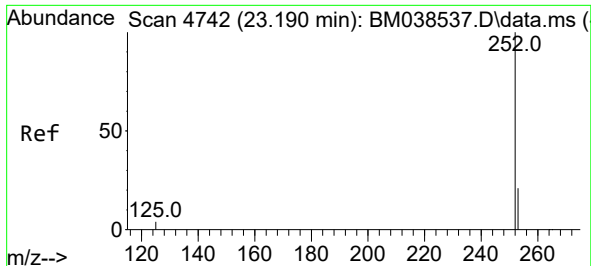
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Ion Ratio Lower Upper
228 100
229 20.0 16.7 25.1
226 28.0 22.2 33.4



#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. 0.003 min
Lab File: BM038543.D
Acq: 26 Jan 2023 11:19

Tgt Ion:228 Resp: 8137
Ion Ratio Lower Upper
228 100
226 31.4 24.6 36.8
229 20.6 16.2 24.4

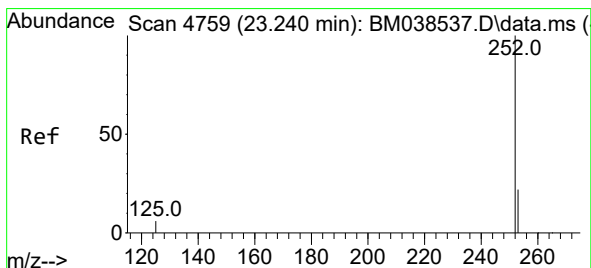
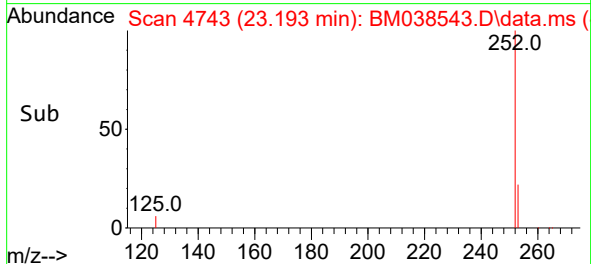
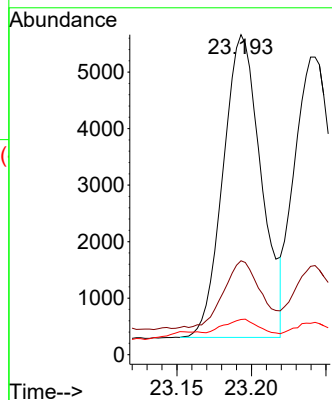
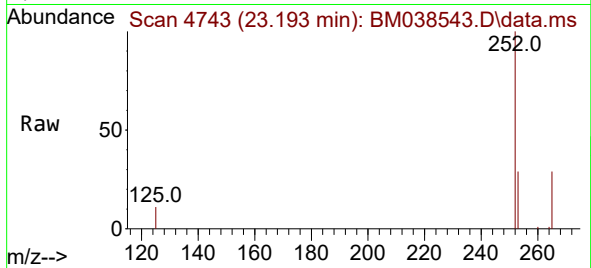




#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul
RT: 23.193 min Scan# 4743
Delta R.T. 0.003 min
Lab File: BM038543.D
Acq: 26 Jan 2023 11:19

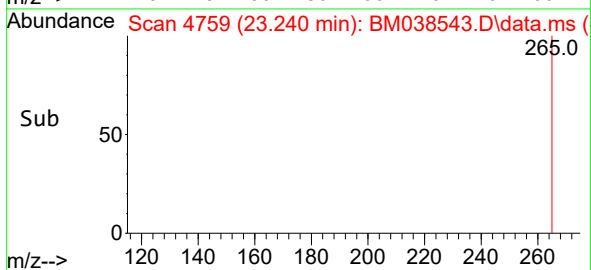
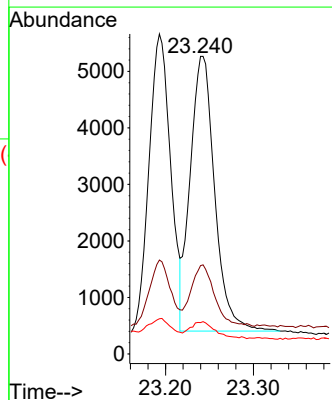
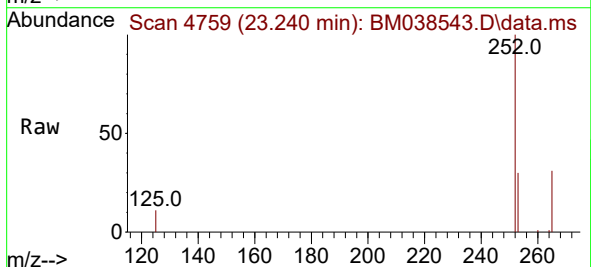
Instrument :
BNA_M
ClientSampleId :
SSTD0.4065

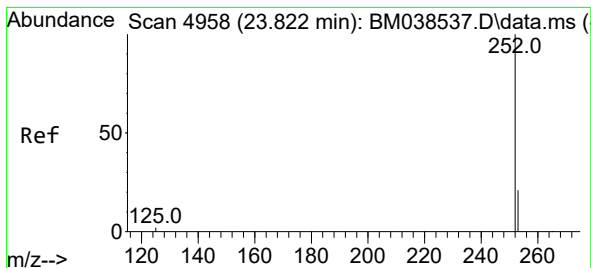
Tgt Ion:252 Resp: 9518
Ion Ratio Lower Upper
252 100
253 29.3 0.0 56.6
125 11.0 0.0 21.4



#25
Benzo(k)fluoranthene
Concen: 0.376 ng/ul
RT: 23.240 min Scan# 4759
Delta R.T. -0.000 min
Lab File: BM038543.D
Acq: 26 Jan 2023 11:19

Tgt Ion:252 Resp: 9423
Ion Ratio Lower Upper
252 100
253 29.7 23.1 34.7
125 10.5 8.4 12.6





#26

Benzo(a)pyrene

Concen: 0.369 ng/ul

RT: 23.827 min Scan# 4958

Delta R.T. 0.006 min

Lab File: BM038543.D

Acq: 26 Jan 2023 11:19

Instrument :

BNA_M

ClientSampleId :

SSTD0.4065

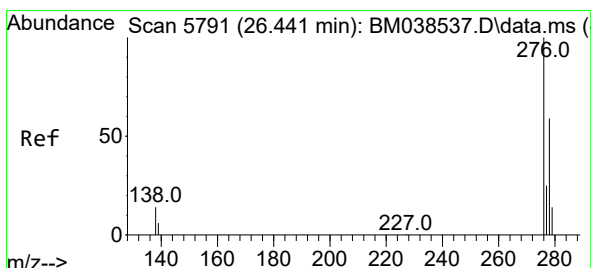
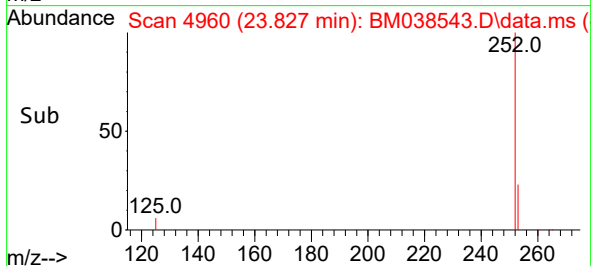
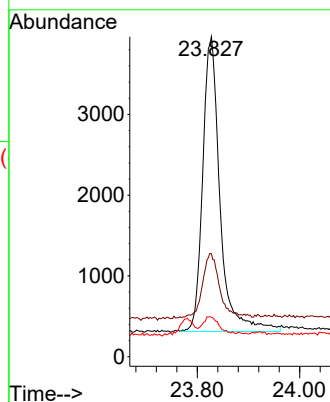
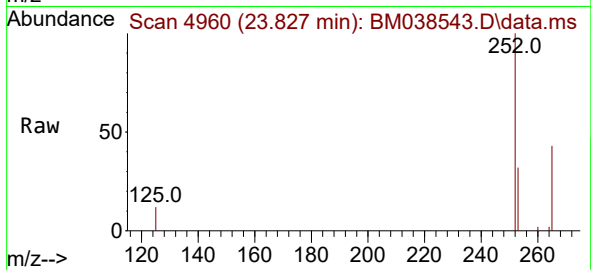
Tgt Ion:252 Resp: 8547

Ion Ratio Lower Upper

252 100

253 32.2 25.1 37.7

125 12.4 10.0 15.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.371 ng/ul

RT: 26.444 min Scan# 5792

Delta R.T. 0.003 min

Lab File: BM038543.D

Acq: 26 Jan 2023 11:19

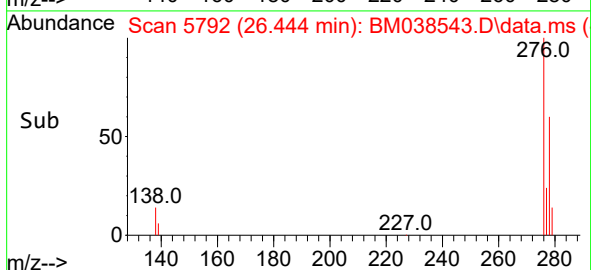
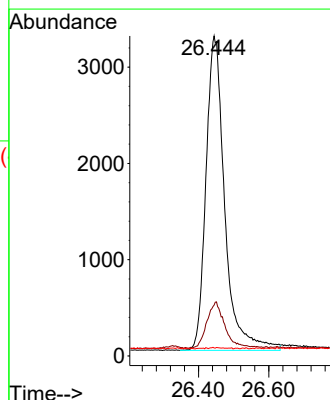
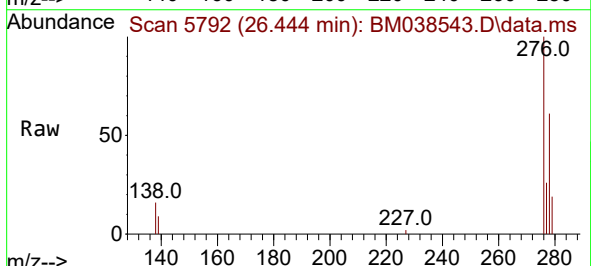
Tgt Ion:276 Resp: 12099

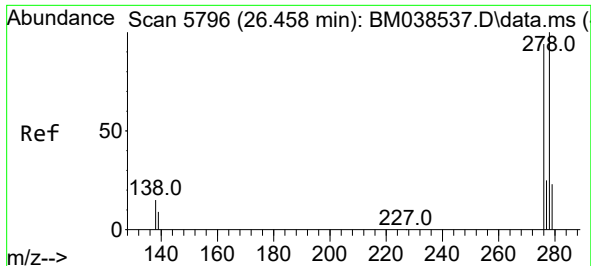
Ion Ratio Lower Upper

276 100

138 0.0 11.7 17.5#

227 0.1 0.3 0.5#

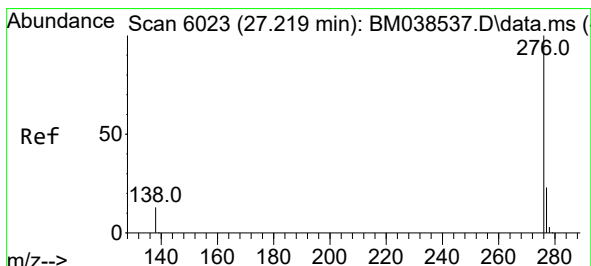
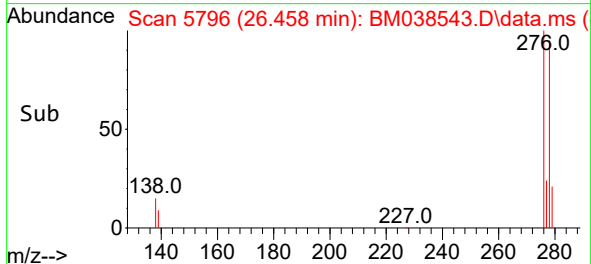
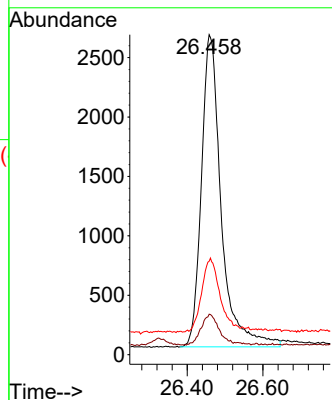
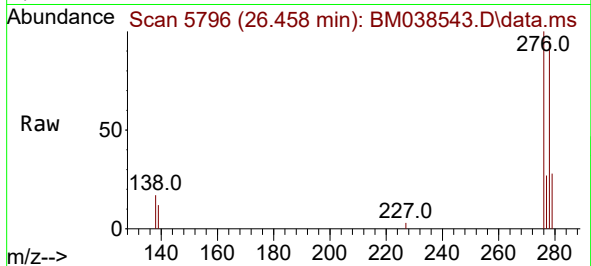




#28
Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 26.458 min Scan# 5796
Delta R.T. -0.000 min
Lab File: BM038543.D
Acq: 26 Jan 2023 11:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.4065

Tgt Ion:278 Resp: 9550
Ion Ratio Lower Upper
278 100
139 12.7 9.8 14.8
279 29.2 23.3 34.9



#29
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 27.219 min Scan# 6023
Delta R.T. -0.000 min
Lab File: BM038543.D
Acq: 26 Jan 2023 11:19

Tgt Ion:276 Resp: 10651
Ion Ratio Lower Upper
276 100
138 14.5 12.6 19.0
277 25.1 20.5 30.7

