

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
 Data File : BM037231.D
 Acq On : 25 Oct 2022 16:48
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 26 07:33:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

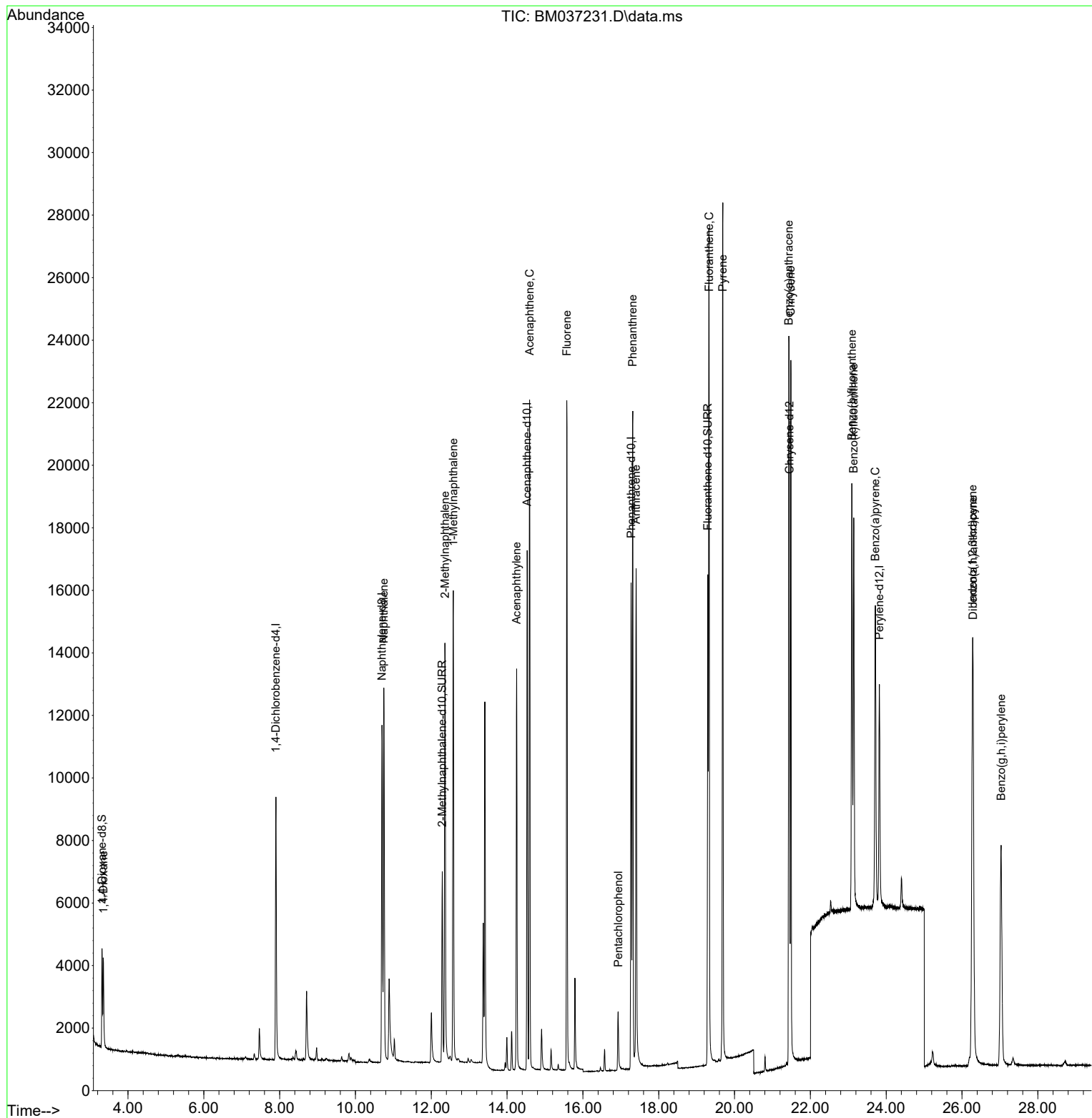
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	4758	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	15463	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.529	164	8795	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	18410	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	12408	0.400	ng/ul	0.00
23) Perylene-d12	23.818	264	9994	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	2129	0.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	8584	0.390	ng/ul	0.00
18) Fluoranthene-d10	19.294	212	17391	0.463	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.348	88	2035	0.338	ng/ul#	90
5) Naphthalene	10.749	128	16632	0.363	ng/ul	100
7) 2-Methylnaphthalene	12.360	142	10510	0.383	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	10800	0.386	ng/ul	100
10) Acenaphthylene	14.251	152	14793	0.391	ng/ul	100
11) Acenaphthene	14.594	153	12143	0.356	ng/ul	98
12) Fluorene	15.574	166	13673	0.342	ng/ul	99
14) Pentachlorophenol	16.929	266	1567	0.352	ng/ul	98
15) Phenanthrene	17.313	178	22143	0.356	ng/ul	99
16) Anthracene	17.402	178	18862	0.383	ng/ul	99
19) Fluoranthene	19.326	202	24183	0.449	ng/ul	96
20) Pyrene	19.689	202	24535	0.449	ng/ul	98
21) Benzo(a)anthracene	21.430	228	18144	0.377	ng/ul	99
22) Chrysene	21.482	228	19096	0.345	ng/ul	99
24) Benzo(b)fluoranthene	23.096	252	18110	0.342	ng/ul	96
25) Benzo(k)fluoranthene	23.142	252	16861	0.330	ng/ul	98
26) Benzo(a)pyrene	23.713	252	15292	0.360	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.276	276	19209	0.324	ng/ul	95
28) Dibenzo(a,h)anthracene	26.289	278	15094	0.322	ng/ul	98
29) Benzo(g,h,i)perylene	27.030	276	16197	0.310	ng/ul	98

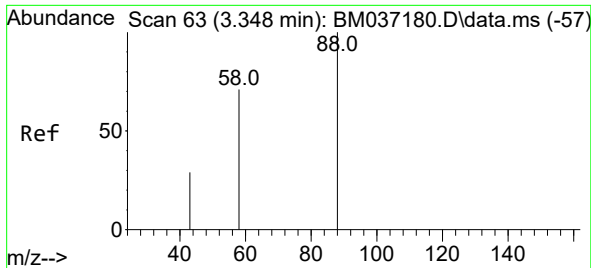
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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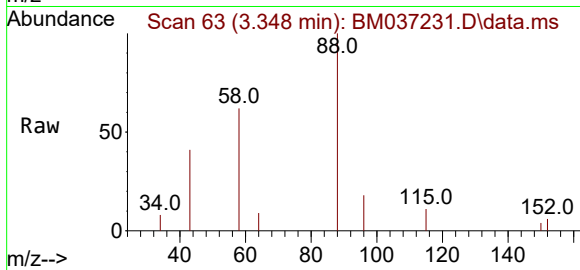
Quant Time: Oct 26 07:33:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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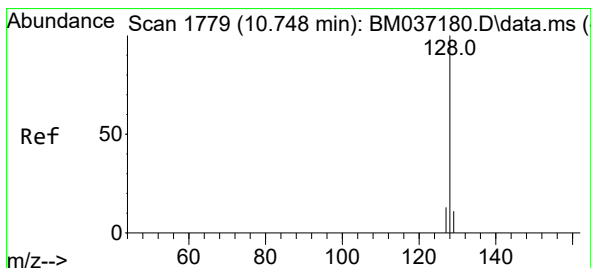
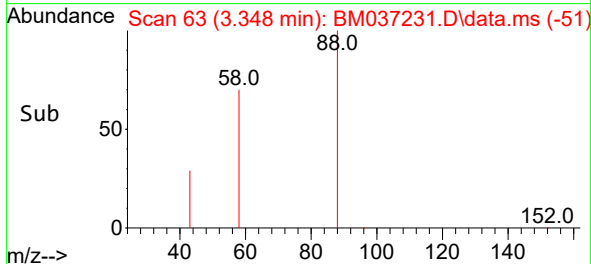
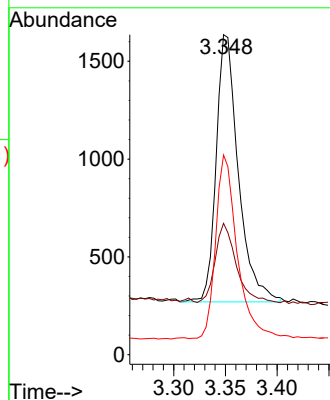


#2
1,4-Dioxane
Concen: 0.338 ng/ul
RT: 3.348 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM037231.D
Acq: 25 Oct 2022 16:48

Instrument :
BNA_M
ClientSampleId :

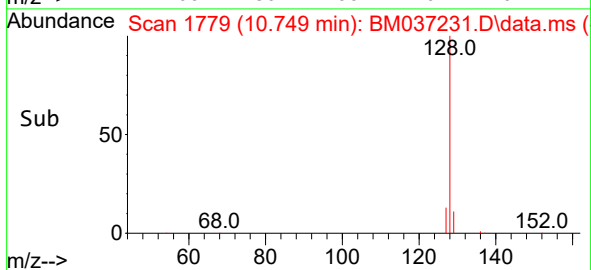
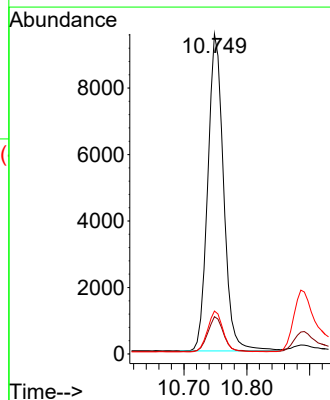
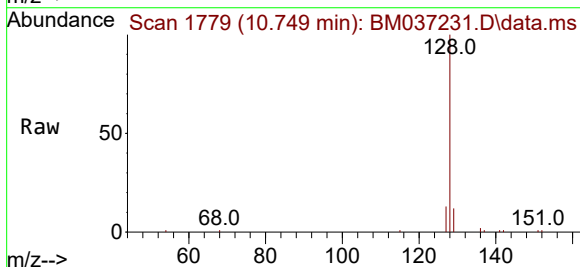


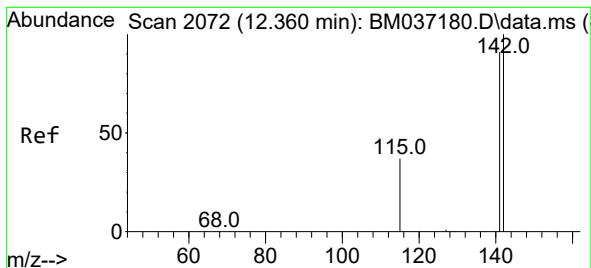
Tgt Ion: 88 Resp: 2035
Ion Ratio Lower Upper
88 100
43 41.1 25.5 38.3#
58 62.4 45.8 68.6



#5
Naphthalene
Concen: 0.363 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037231.D
Acq: 25 Oct 2022 16:48

Tgt Ion: 128 Resp: 16632
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.4 10.5 15.7





#7

2-Methylnaphthalene

Concen: 0.383 ng/ul

RT: 12.360 min Scan# 2072

Delta R.T. 0.000 min

Lab File: BM037231.D

Acq: 25 Oct 2022 16:48

Instrument :

BNA_M

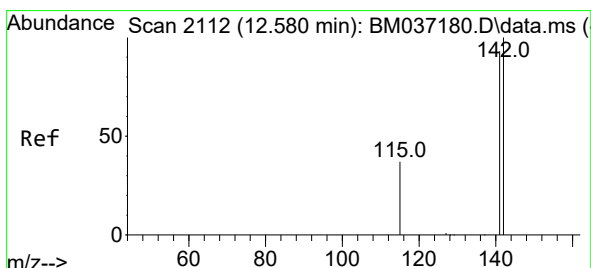
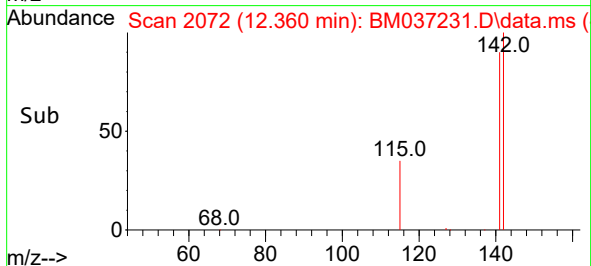
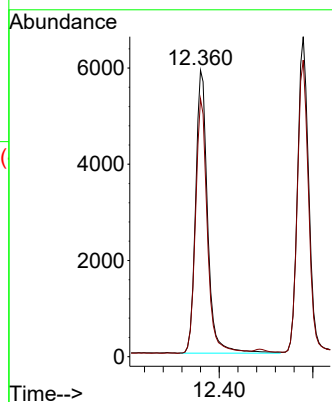
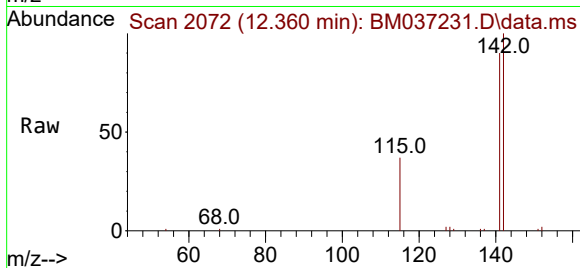
ClientSampleId :

Tgt Ion:142 Resp: 10510

Ion Ratio Lower Upper

142 100

141 88.7 72.8 109.2



#8

1-Methylnaphthalene

Concen: 0.386 ng/ul

RT: 12.580 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BM037231.D

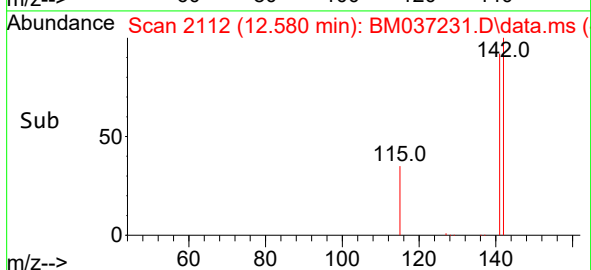
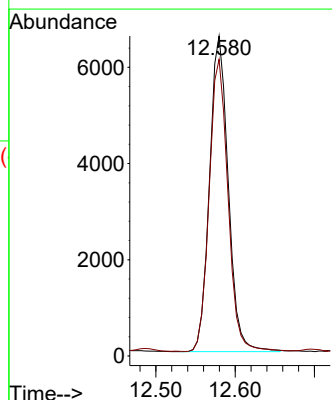
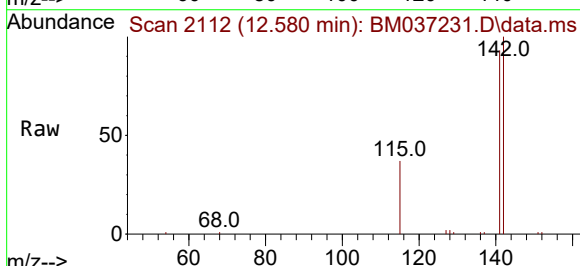
Acq: 25 Oct 2022 16:48

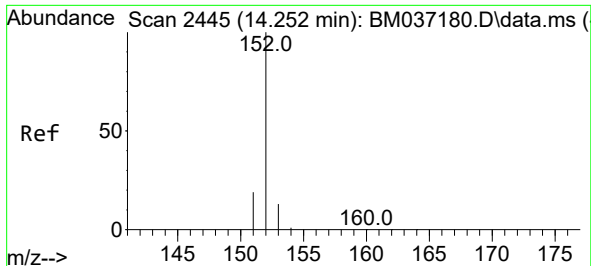
Tgt Ion:142 Resp: 10800

Ion Ratio Lower Upper

142 100

141 92.4 74.2 111.4

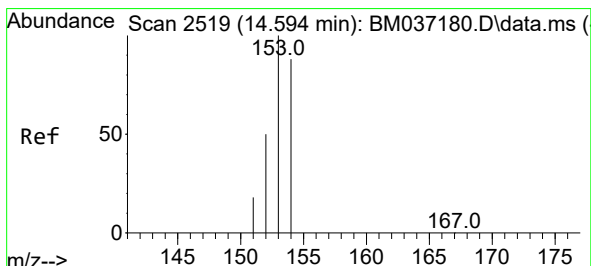
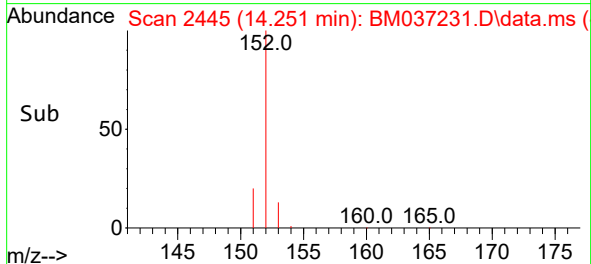
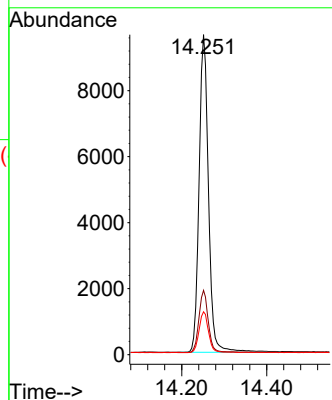
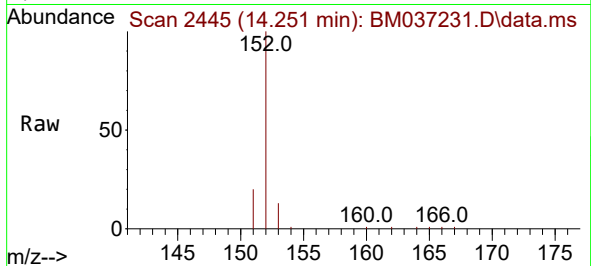




#10
Acenaphthylene
Concen: 0.391 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BM037231.D
Acq: 25 Oct 2022 16:48

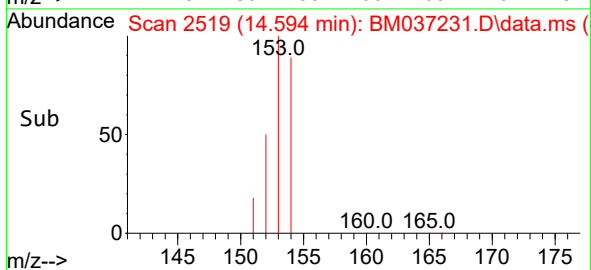
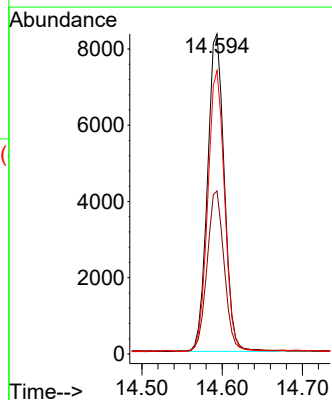
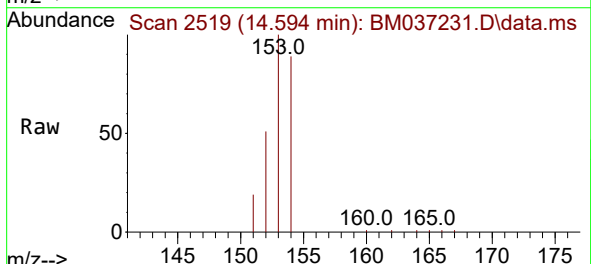
Instrument :
BNA_M
ClientSampleId :

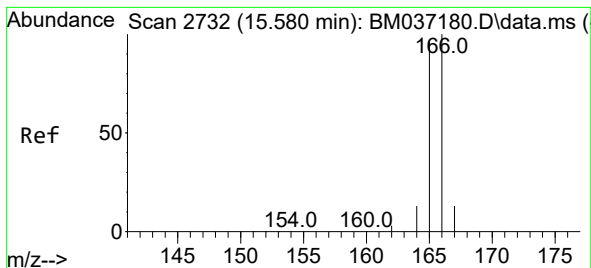
Tgt Ion:152 Resp: 14793
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.4 10.8 16.2



#11
Acenaphthene
Concen: 0.356 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. -0.001 min
Lab File: BM037231.D
Acq: 25 Oct 2022 16:48

Tgt Ion:153 Resp: 12143
Ion Ratio Lower Upper
153 100
152 50.9 43.3 64.9
154 88.6 70.0 105.0





#12

Fluorene

Concen: 0.342 ng/ul

RT: 15.574 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM037231.D

Acq: 25 Oct 2022 16:48

Instrument :

BNA_M

ClientSampleId :

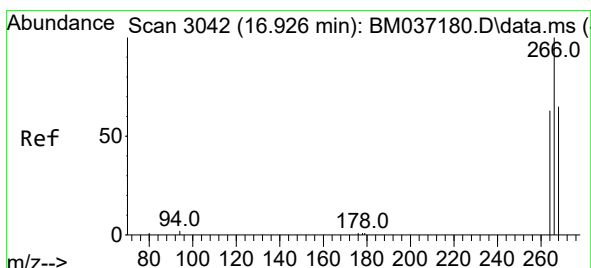
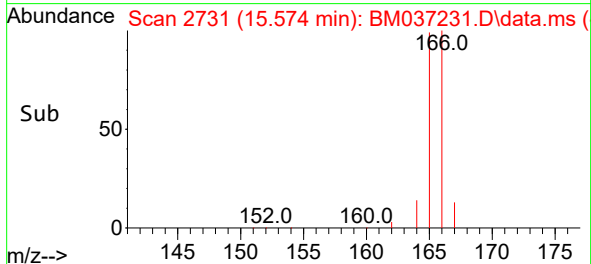
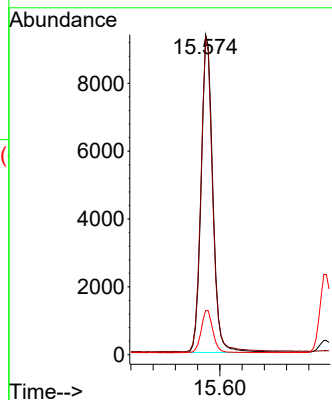
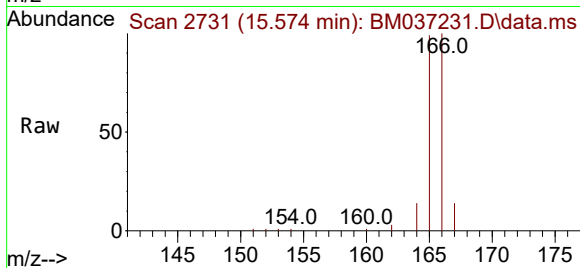
Tgt Ion:166 Resp: 13673

Ion Ratio Lower Upper

166 100

165 98.8 79.4 119.2

167 13.8 11.3 16.9



#14

Pentachlorophenol

Concen: 0.352 ng/ul

RT: 16.929 min Scan# 3043

Delta R.T. 0.003 min

Lab File: BM037231.D

Acq: 25 Oct 2022 16:48

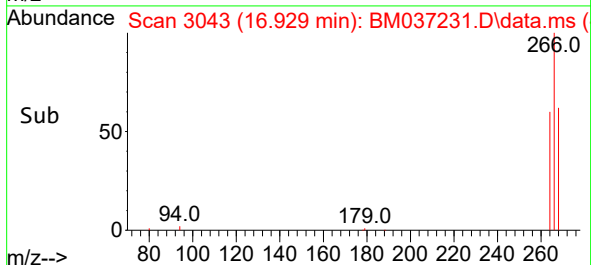
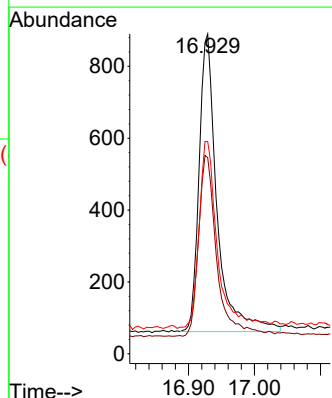
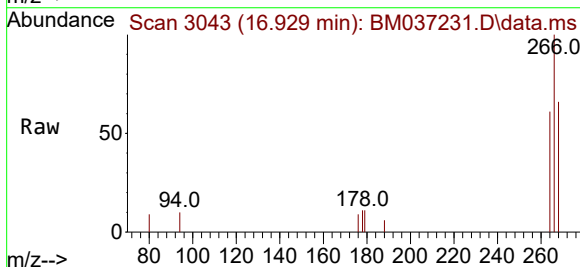
Tgt Ion:266 Resp: 1567

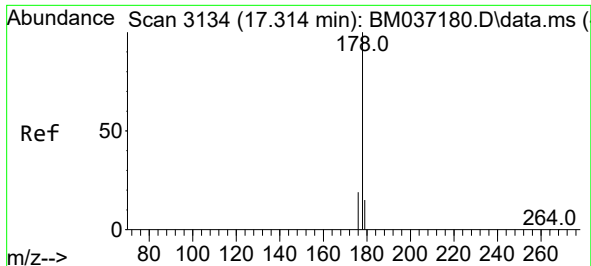
Ion Ratio Lower Upper

266 100

264 62.3 49.4 74.0

268 65.0 50.5 75.7

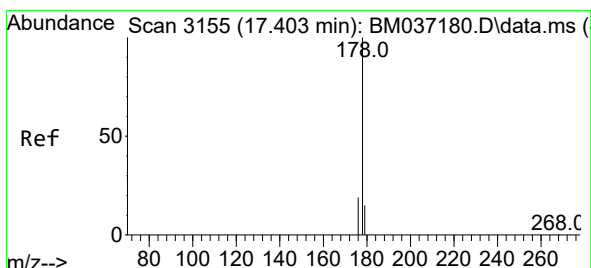
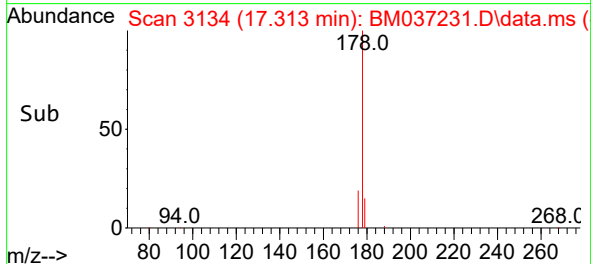
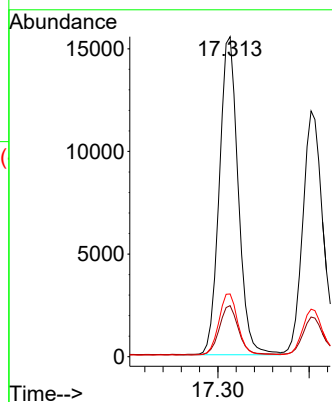
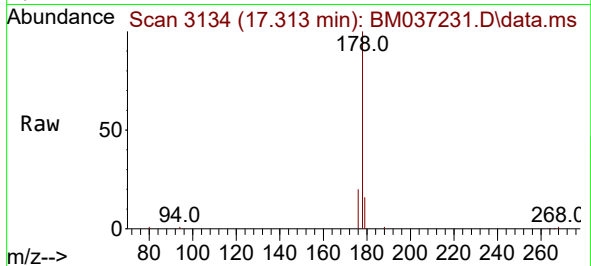




#15
Phenanthrene
Concen: 0.356 ng/ul
RT: 17.313 min Scan# 3134
Delta R.T. -0.001 min
Lab File: BM037231.D
Acq: 25 Oct 2022 16:48

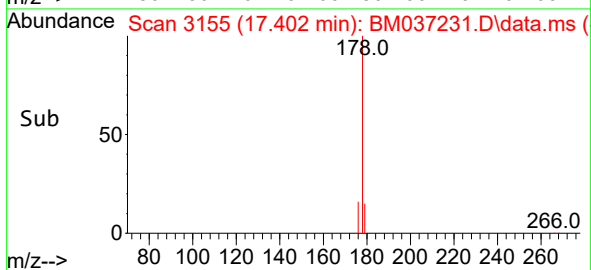
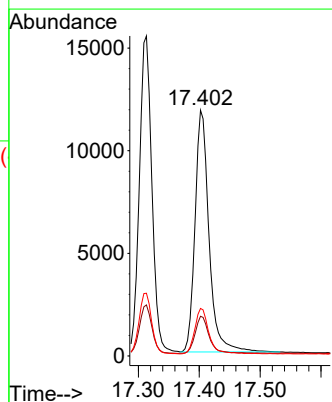
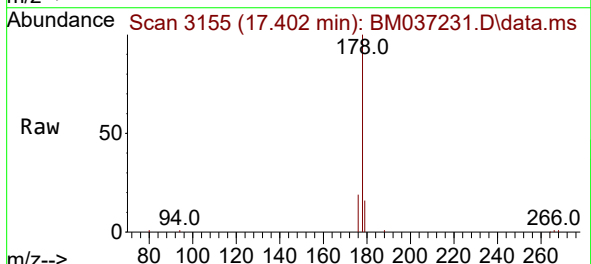
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BNA_M
ClientSampleId :

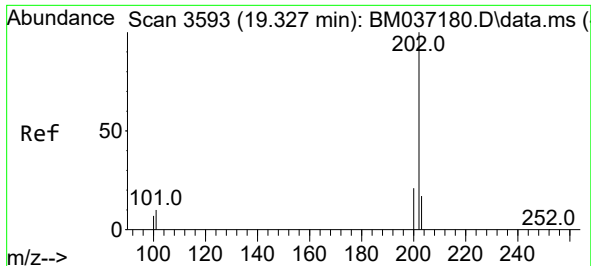
Tgt Ion:178 Resp: 22143
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.6 16.1 24.1



#16
Anthracene
Concen: 0.383 ng/ul
RT: 17.402 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BM037231.D
Acq: 25 Oct 2022 16:48

Tgt Ion:178 Resp: 18862
Ion Ratio Lower Upper
178 100
179 16.2 13.1 19.7
176 19.3 15.3 22.9

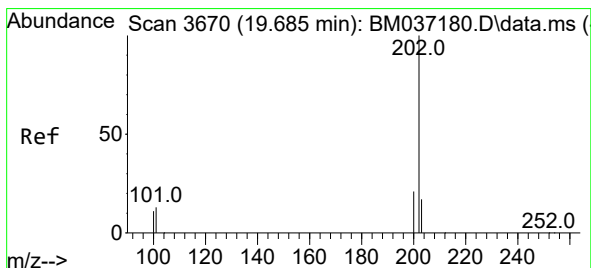
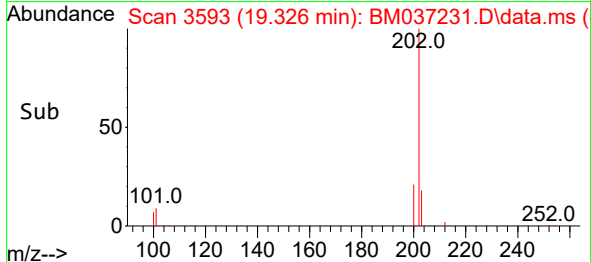
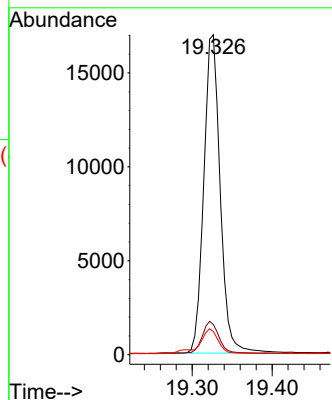
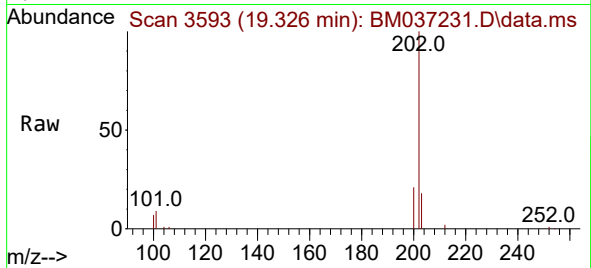




#19
Fluoranthene
Concen: 0.449 ng/ul
RT: 19.326 min Scan# 3593
Delta R.T. -0.001 min
Lab File: BM037231.D
Acq: 25 Oct 2022 16:48

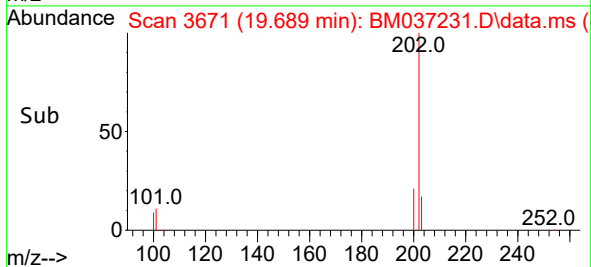
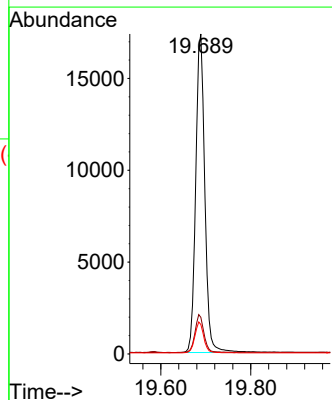
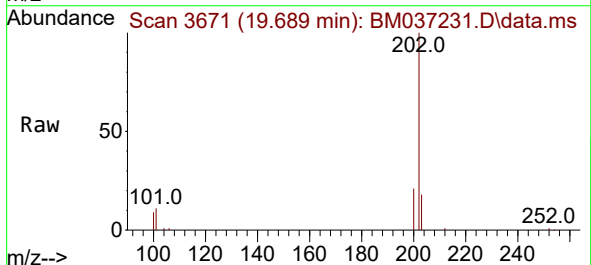
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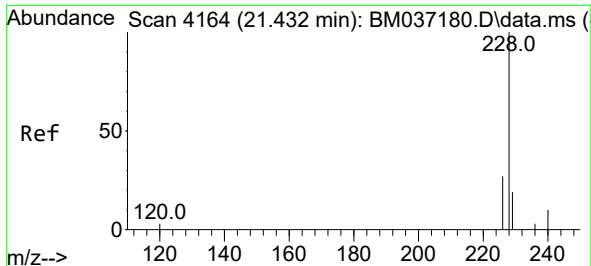
Tgt Ion:202 Resp: 24183
Ion Ratio Lower Upper
202 100
101 9.5 8.9 13.3
100 7.3 6.9 10.3



#20
Pyrene
Concen: 0.449 ng/ul
RT: 19.689 min Scan# 3671
Delta R.T. 0.004 min
Lab File: BM037231.D
Acq: 25 Oct 2022 16:48

Tgt Ion:202 Resp: 24535
Ion Ratio Lower Upper
202 100
101 11.5 9.7 14.5
100 9.2 7.8 11.8

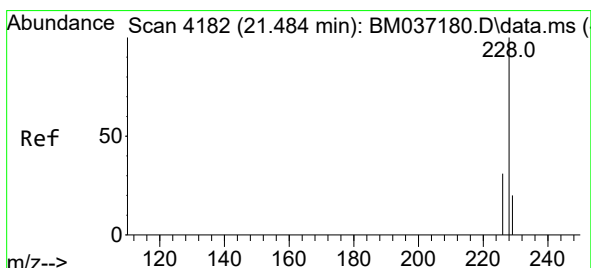
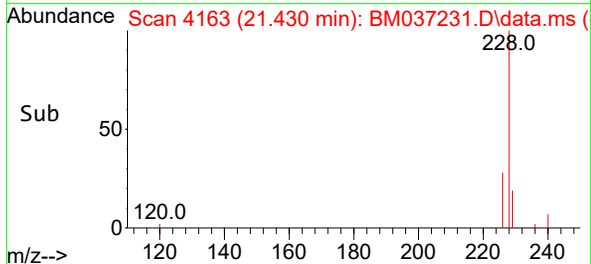
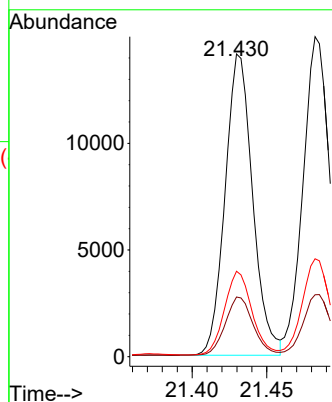
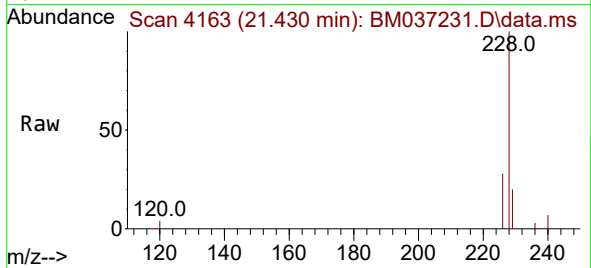




#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.430 min Scan# 4164
Delta R.T. -0.002 min
Lab File: BM037231.D
Acq: 25 Oct 2022 16:48

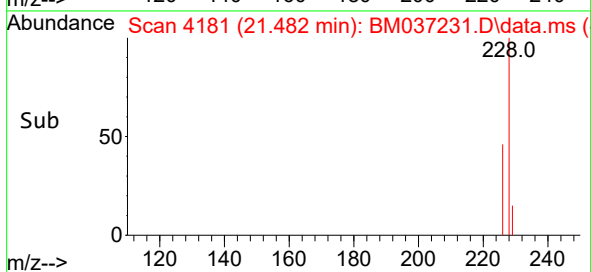
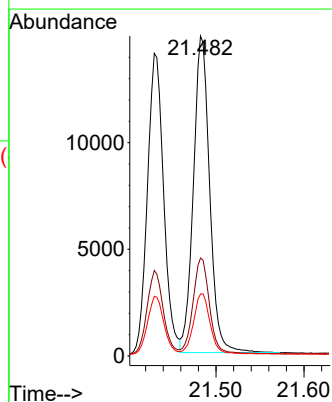
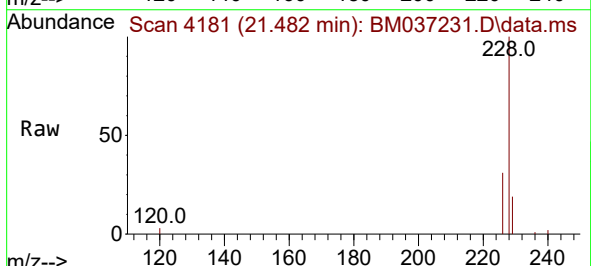
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BNA_M
ClientSampleId :

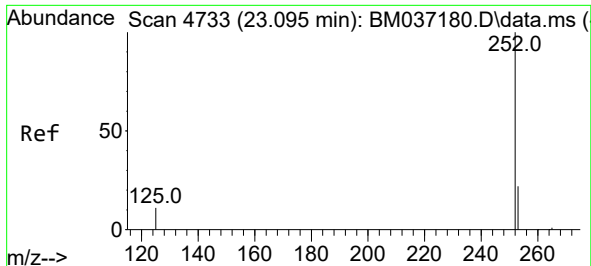
Tgt Ion:228 Resp: 18144
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.6
226 28.2 21.8 32.8



#22
Chrysene
Concen: 0.345 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.002 min
Lab File: BM037231.D
Acq: 25 Oct 2022 16:48

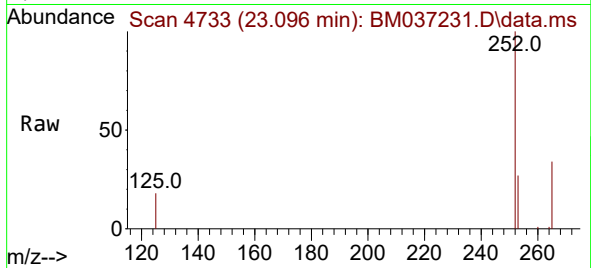
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Ion Ratio Lower Upper
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226 30.6 24.8 37.2
229 19.3 16.0 24.0



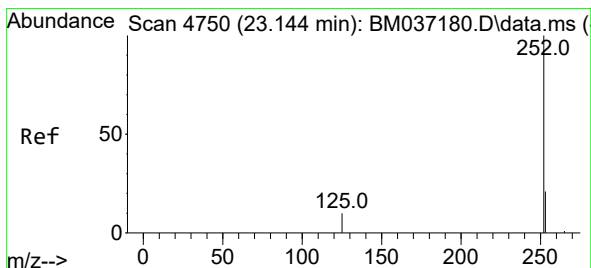
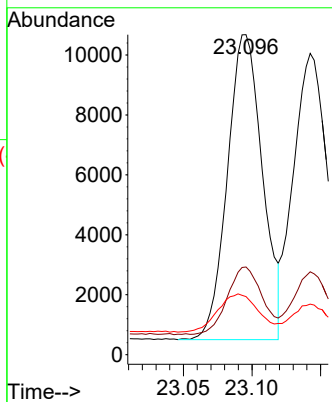
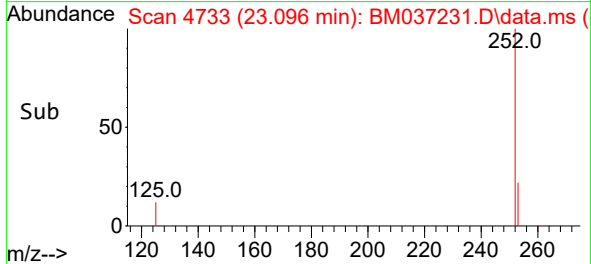


#24
Benzo(b)fluoranthene
Concen: 0.342 ng/ul
RT: 23.096 min Scan# 4733
Delta R.T. 0.001 min
Lab File: BM037231.D
Acq: 25 Oct 2022 16:48

Instrument :
BNA_M
ClientSampleId :

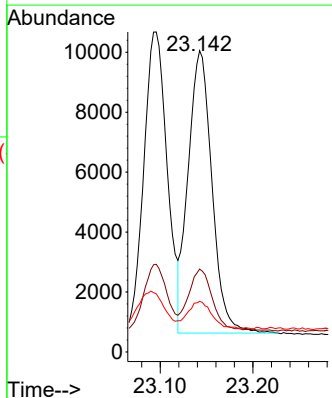
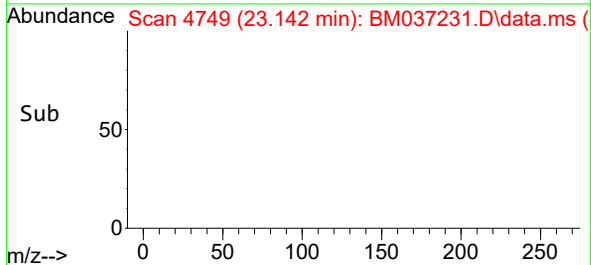
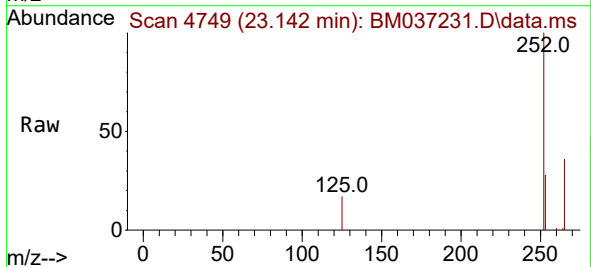


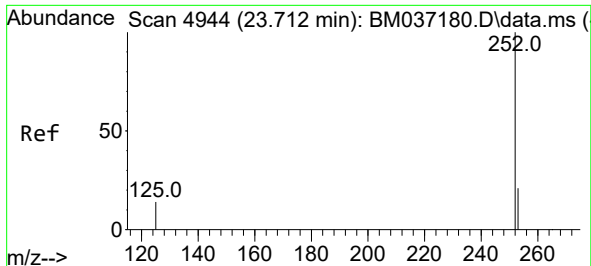
Tgt Ion:252 Resp: 18110
Ion Ratio Lower Upper
252 100
253 27.4 0.0 50.6
125 18.2 0.0 32.6



#25
Benzo(k)fluoranthene
Concen: 0.330 ng/ul
RT: 23.142 min Scan# 4749
Delta R.T. -0.002 min
Lab File: BM037231.D
Acq: 25 Oct 2022 16:48

Tgt Ion:252 Resp: 16861
Ion Ratio Lower Upper
252 100
253 27.5 20.6 30.8
125 16.8 13.3 19.9

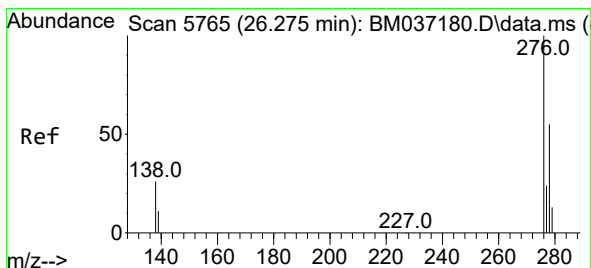
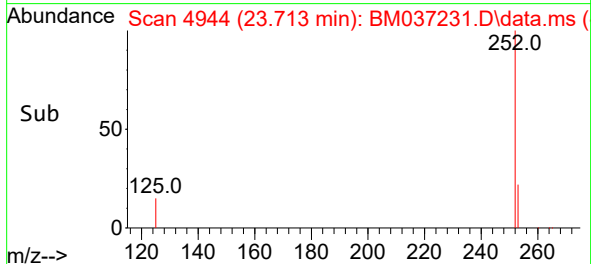
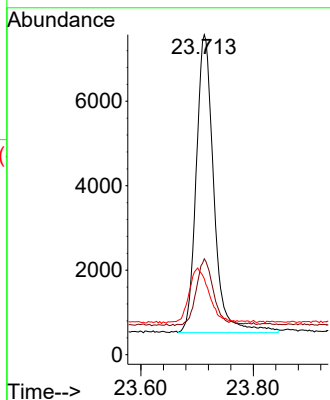
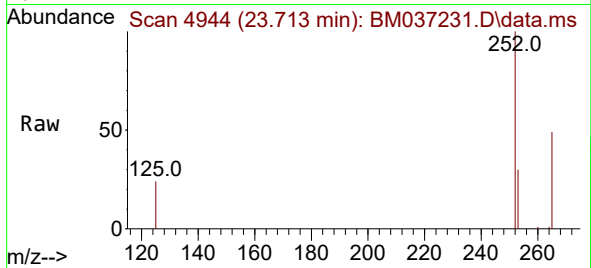




#26
Benzo(a)pyrene
Concen: 0.360 ng/ul
RT: 23.713 min Scan# 4944
Delta R.T. 0.001 min
Lab File: BM037231.D
Acq: 25 Oct 2022 16:48

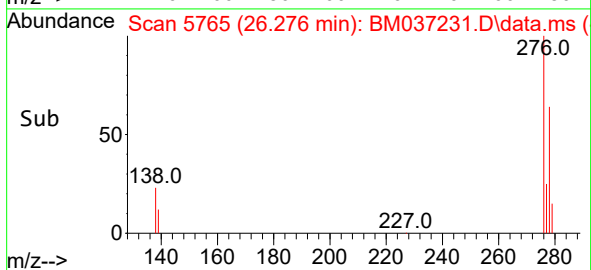
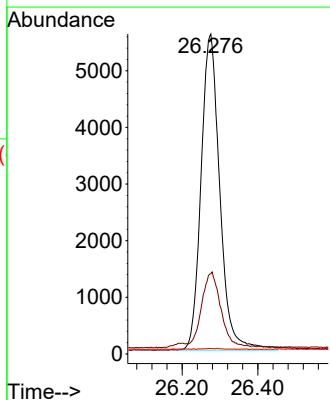
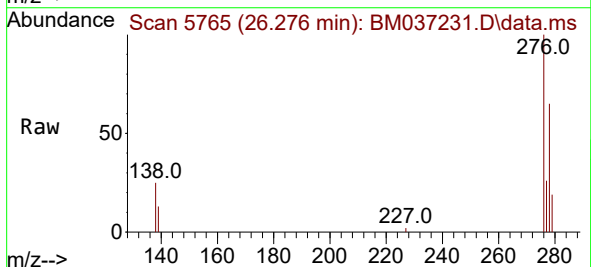
Instrument :
BNA_M
ClientSampleId :

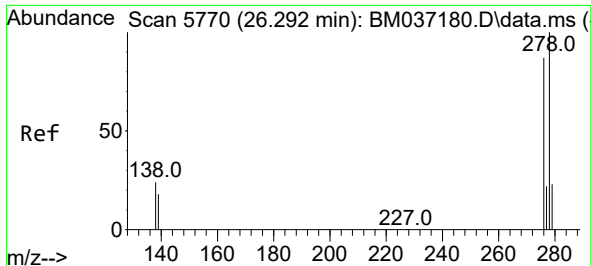
Tgt Ion:252 Resp: 15292
Ion Ratio Lower Upper
252 100
253 30.0 22.1 33.1
125 23.8 17.6 26.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.324 ng/ul
RT: 26.276 min Scan# 5765
Delta R.T. 0.001 min
Lab File: BM037231.D
Acq: 25 Oct 2022 16:48

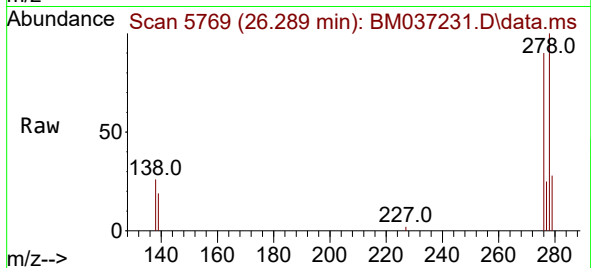
Tgt Ion:276 Resp: 19209
Ion Ratio Lower Upper
276 100
138 23.9 21.4 32.0
227 0.1 0.1 0.1



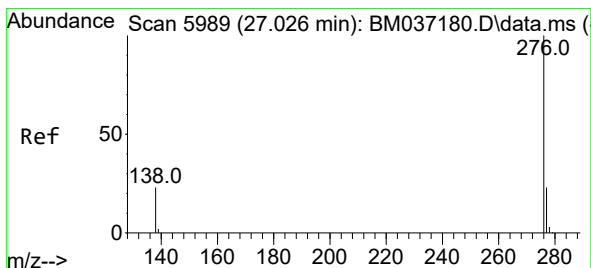
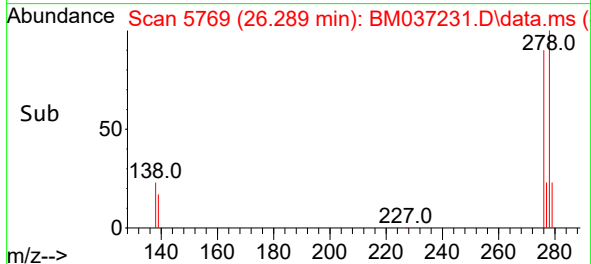
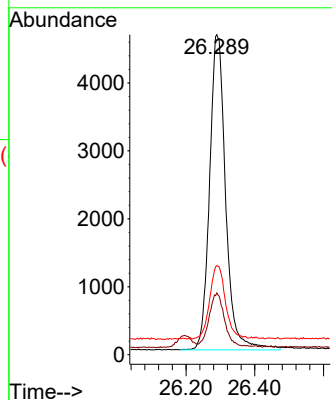


#28
 Dibenzo(a,h)anthracene
 Concen: 0.322 ng/ul
 RT: 26.289 min Scan# 51
 Delta R.T. -0.002 min
 Lab File: BM037231.D
 Acq: 25 Oct 2022 16:48

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 15094
 Ion Ratio Lower Upper
 278 100
 139 19.3 16.3 24.5
 279 27.8 21.5 32.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.310 ng/ul
 RT: 27.030 min Scan# 5990
 Delta R.T. 0.004 min
 Lab File: BM037231.D
 Acq: 25 Oct 2022 16:48

Tgt Ion:276 Resp: 16197
 Ion Ratio Lower Upper
 276 100
 138 22.9 19.8 29.8
 277 25.6 20.1 30.1

