

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037103.D
 Acq On : 17 Oct 2022 09:18
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4152

Quant Time: Oct 17 23:53:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 02:26:13 2022
 Response via : Initial Calibration

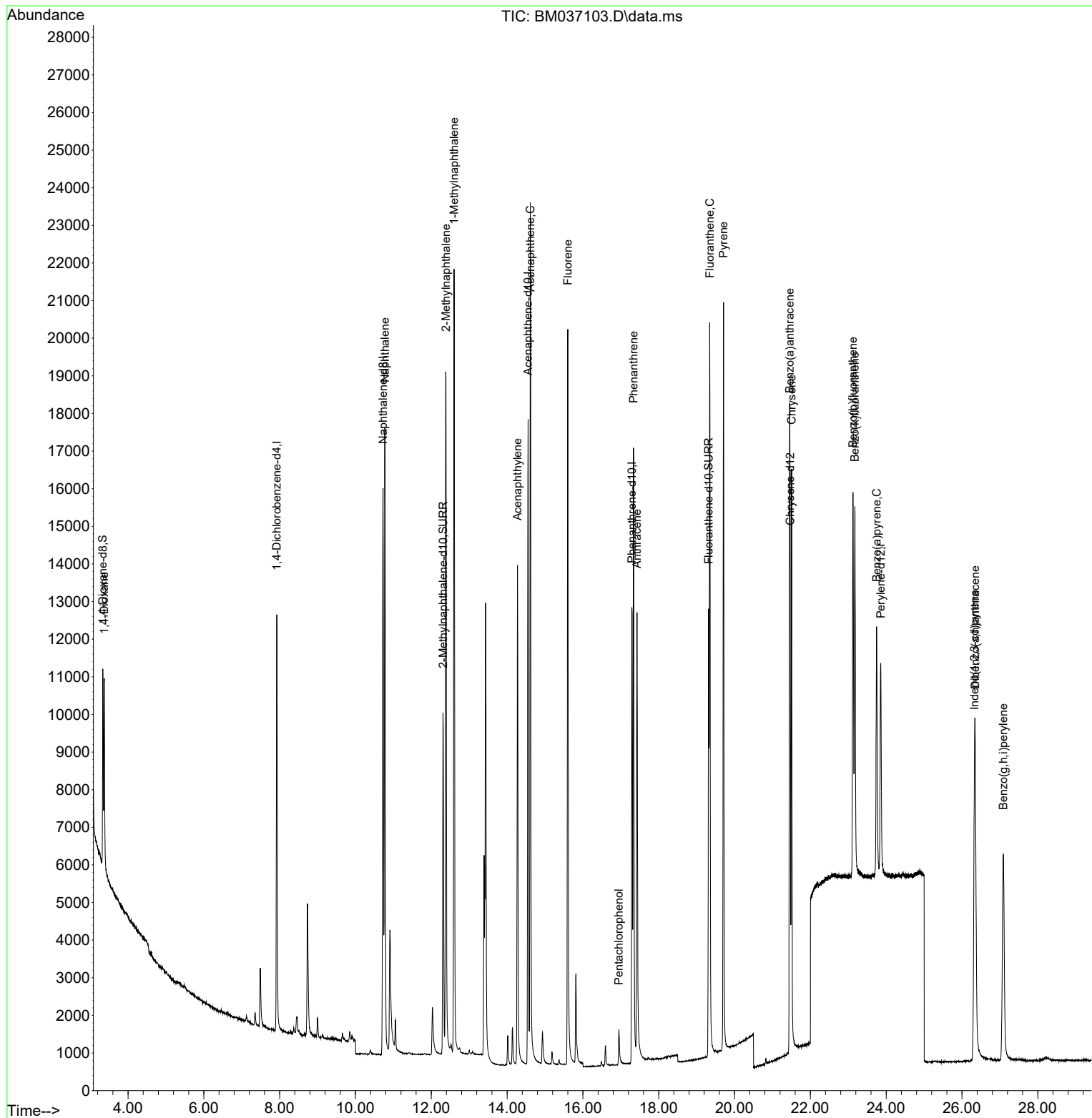
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	6012	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	21095	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.553	164	9891	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	15417	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	9781	0.400	ng/ul	0.00
23) Perylene-d12	23.855	264	8171	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	3447	0.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	12815	0.402	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	13977	0.478	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.373	88	3286	0.396	ng/ul	90
5) Naphthalene	10.776	128	23626	0.392	ng/ul	97
7) 2-Methylnaphthalene	12.387	142	14396	0.390	ng/ul	92
8) 1-Methylnaphthalene	12.602	142	14586	0.389	ng/ul	100
10) Acenaphthylene	14.275	152	16638	0.405	ng/ul	99
11) Acenaphthene	14.613	153	14064	0.394	ng/ul	99
12) Fluorene	15.603	166	14140	0.350	ng/ul	99
14) Pentachlorophenol	16.951	266	853	0.229	ng/ul	99
15) Phenanthrene	17.335	178	18944	0.385	ng/ul	99
16) Anthracene	17.428	178	15535	0.378	ng/ul	99
19) Fluoranthene	19.346	202	17028	0.438	ng/ul	98
20) Pyrene	19.708	202	17121	0.422	ng/ul	98
21) Benzo(a)anthracene	21.452	228	13614	0.385	ng/ul	99
22) Chrysene	21.505	228	14212	0.375	ng/ul	99
24) Benzo(b)fluoranthene	23.124	252	13708	0.376	ng/ul	94
25) Benzo(k)fluoranthene	23.174	252	13222	0.372	ng/ul	95
26) Benzo(a)pyrene	23.750	252	11142	0.376	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.329	276	13204	0.315	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.349	278	10749	0.317	ng/ul	95
29) Benzo(g,h,i)perylene	27.090	276	13168	0.356	ng/ul	98

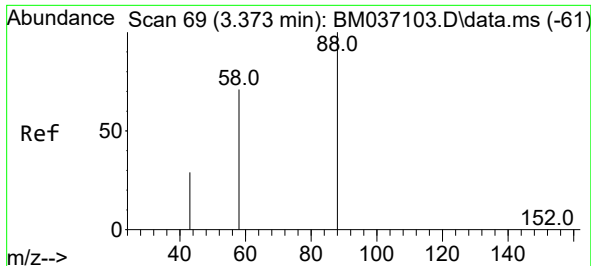
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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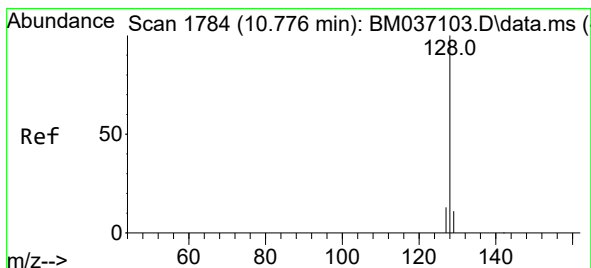
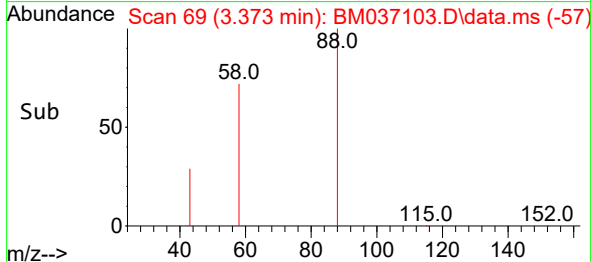
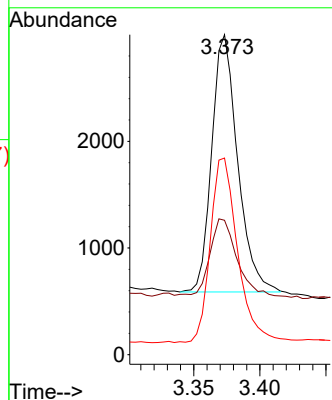
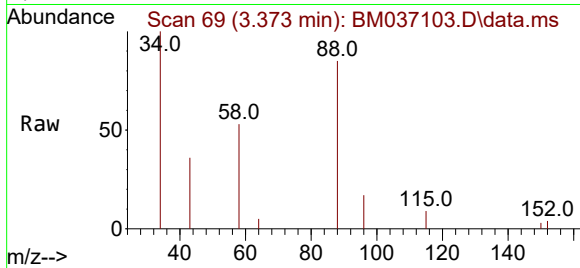




#2
1,4-Dioxane
Concen: 0.396 ng/ul
RT: 3.373 min Scan# 69
Delta R.T. -0.000 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

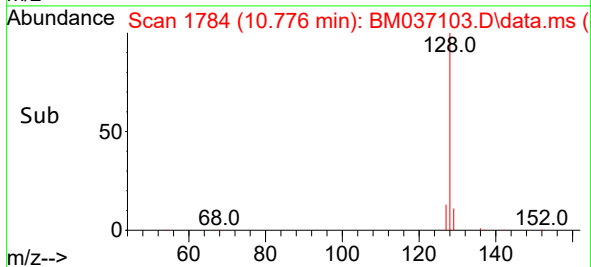
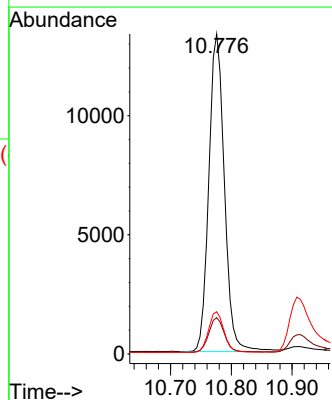
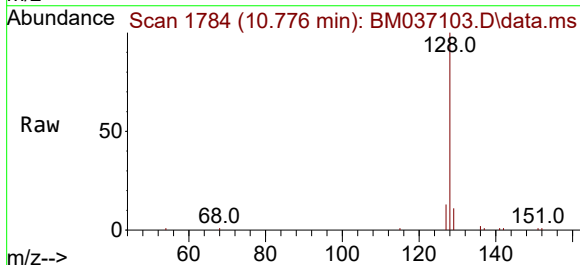
Instrument :
BNA_M
ClientSampleId :
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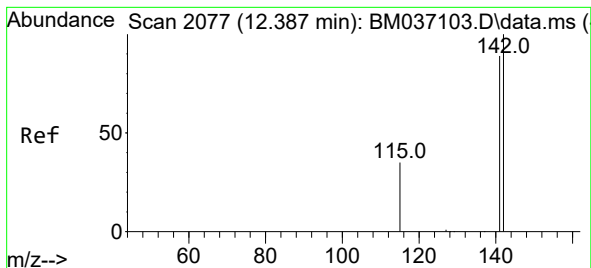
Tgt Ion: 88 Resp: 3286
Ion Ratio Lower Upper
88 100
43 42.0 37.8 56.6
58 61.4 42.6 63.8



#5
Naphthalene
Concen: 0.392 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

Tgt Ion: 128 Resp: 23626
Ion Ratio Lower Upper
128 100
129 11.3 10.2 15.2
127 13.2 11.7 17.5

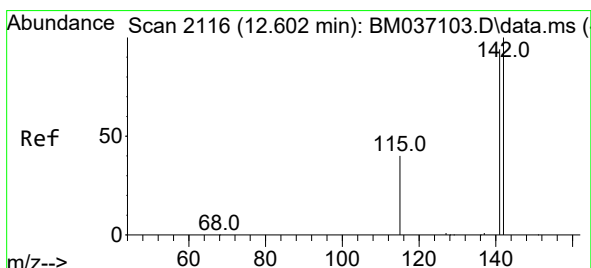
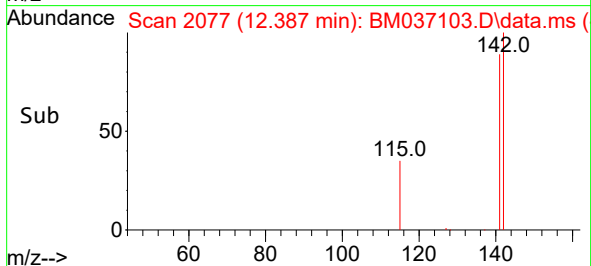
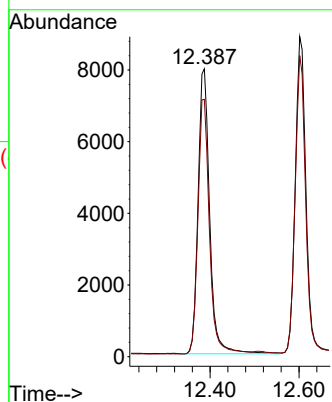
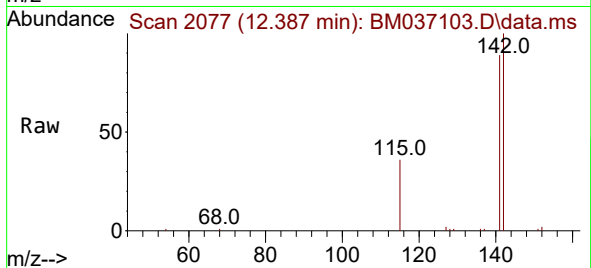




#7
2-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

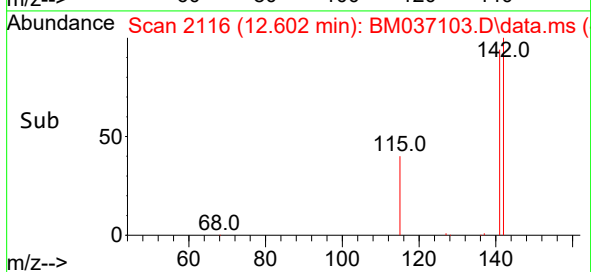
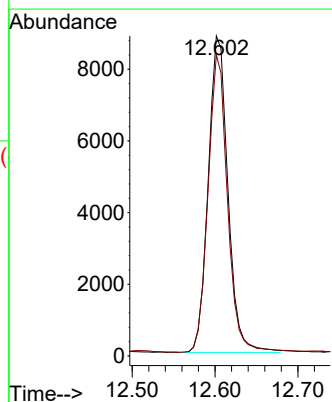
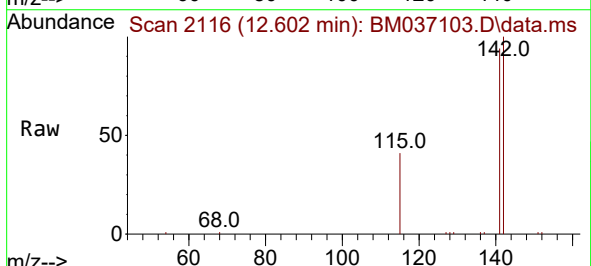
Instrument :
BNA_M
ClientSampleId :
SSTD0.4152

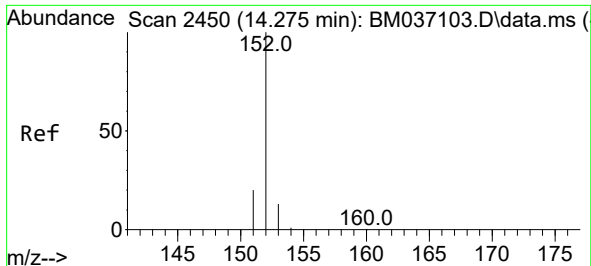
Tgt Ion:142 Resp: 14396
Ion Ratio Lower Upper
142 100
141 88.8 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

Tgt Ion:142 Resp: 14586
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1

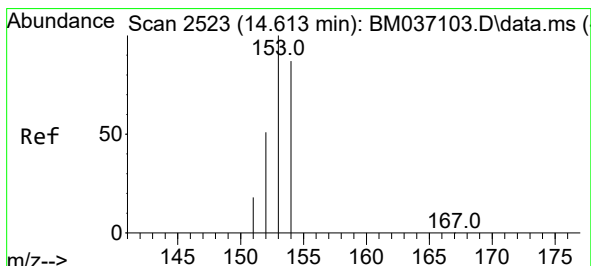
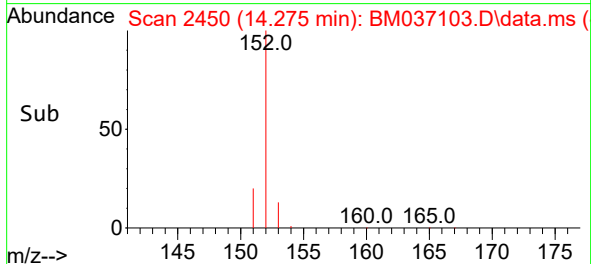
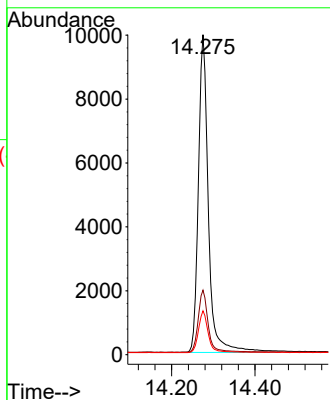
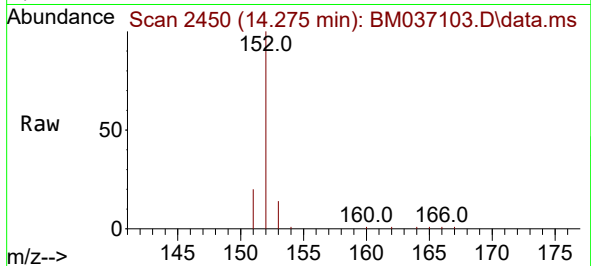




#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. -0.004 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

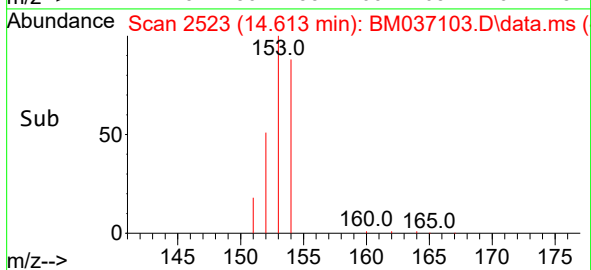
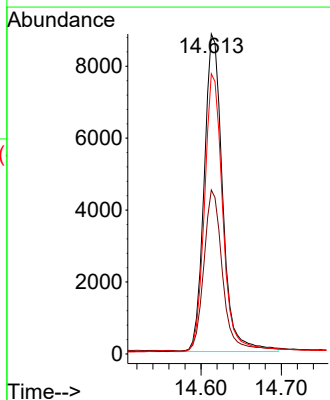
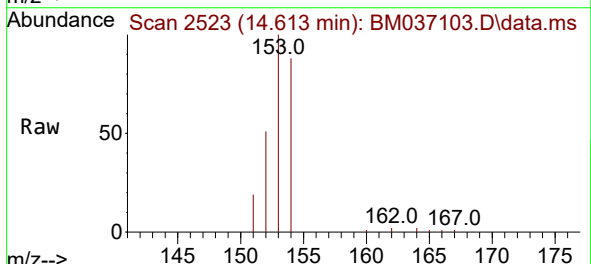
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ClientSampleId :
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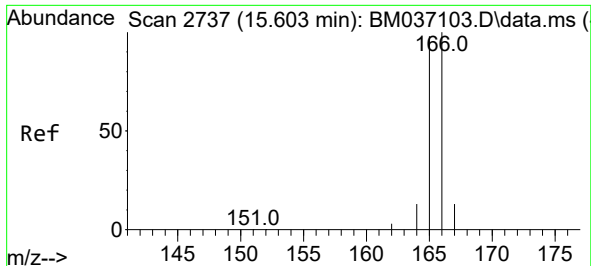
Tgt Ion:152 Resp: 16638
Ion Ratio Lower Upper
152 100
151 20.2 16.6 24.8
153 13.7 11.4 17.0



#11
Acenaphthene
Concen: 0.394 ng/ul
RT: 14.613 min Scan# 2523
Delta R.T. -0.004 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

Tgt Ion:153 Resp: 14064
Ion Ratio Lower Upper
153 100
152 51.2 40.2 60.4
154 87.6 69.7 104.5

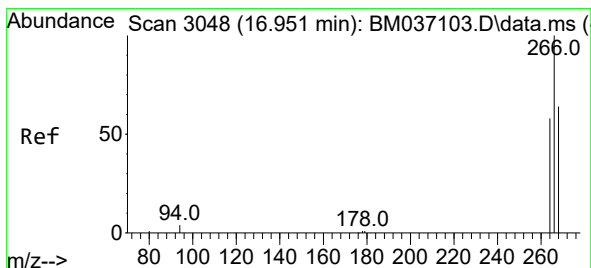
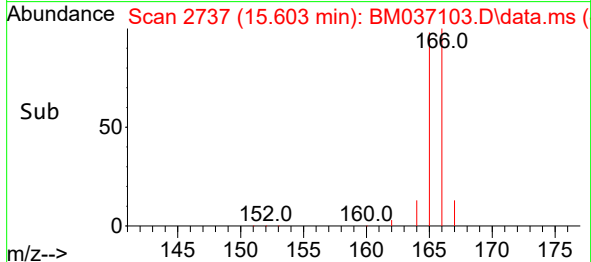
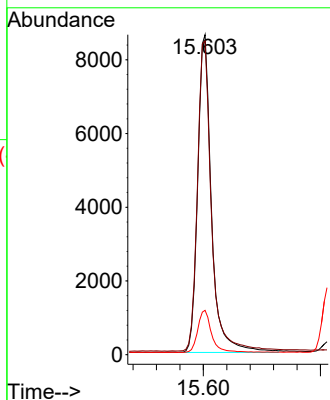
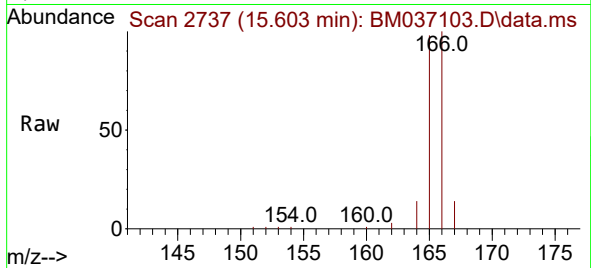




#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.603 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

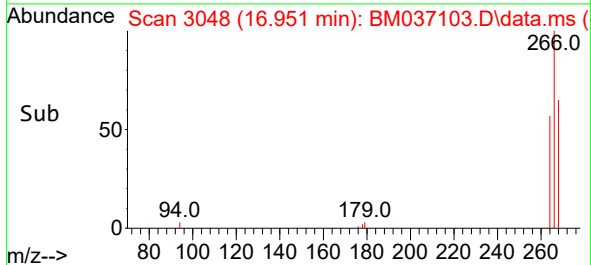
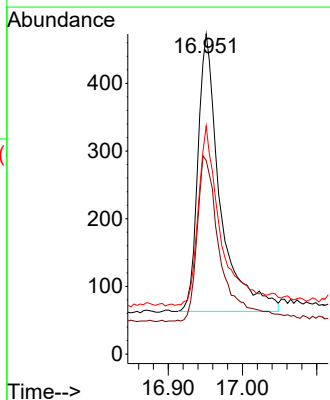
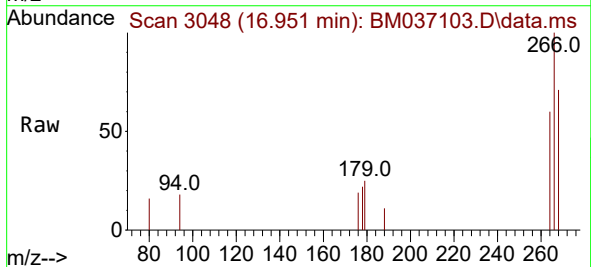
Instrument :
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ClientSampleId :
SSTD0.4152

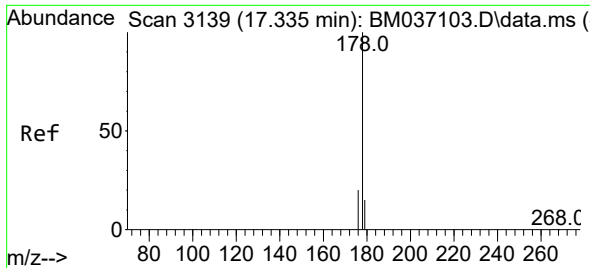
Tgt Ion:166 Resp: 14140
Ion Ratio Lower Upper
166 100
165 98.1 78.9 118.3
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.229 ng/ul
RT: 16.951 min Scan# 3048
Delta R.T. 0.001 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

Tgt Ion:266 Resp: 853
Ion Ratio Lower Upper
266 100
264 62.4 50.3 75.5
268 66.4 53.5 80.3

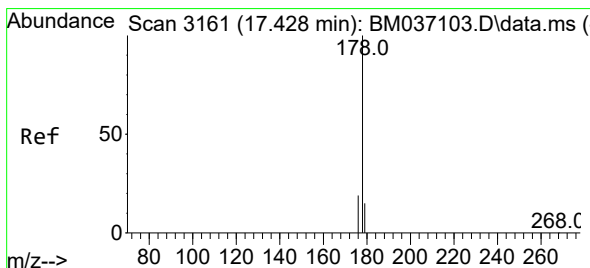
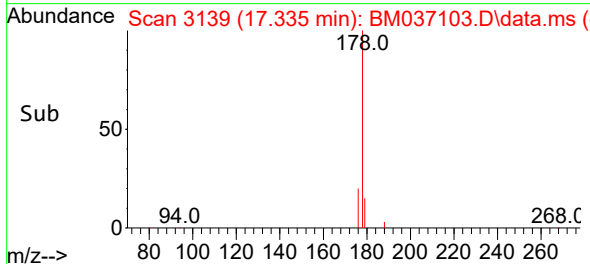
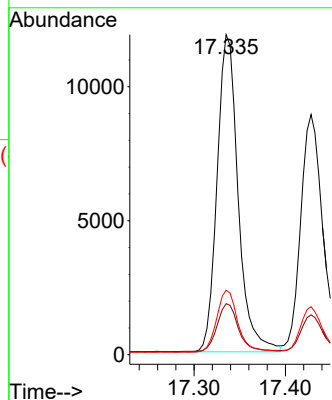
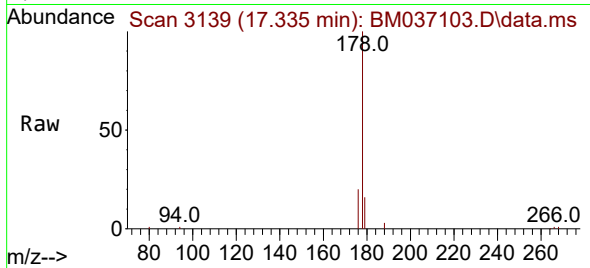




#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 17.335 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

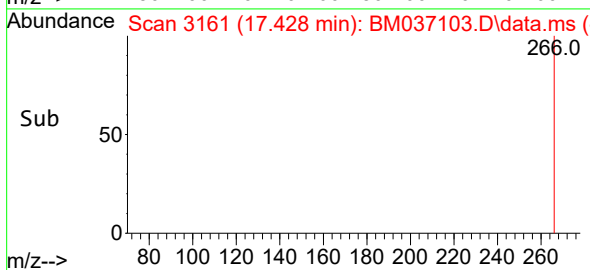
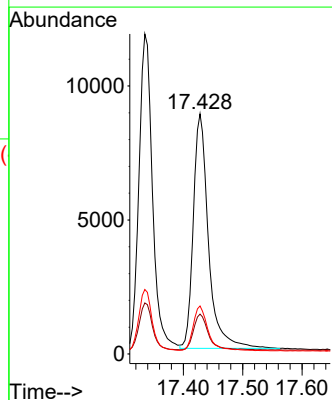
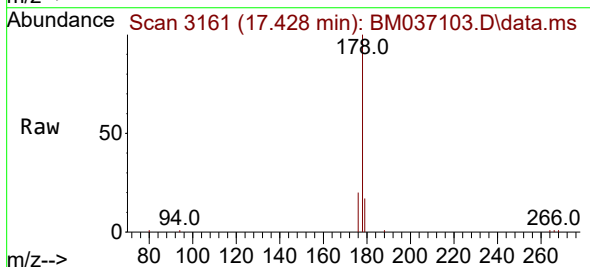
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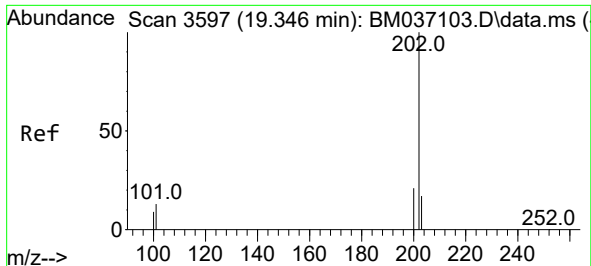
Tgt Ion:178 Resp: 18944
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 20.2 15.6 23.4



#16
Anthracene
Concen: 0.378 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.003 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

Tgt Ion:178 Resp: 15535
Ion Ratio Lower Upper
178 100
179 16.6 13.6 20.4
176 20.0 15.6 23.4

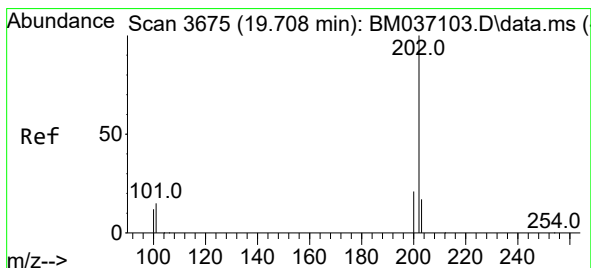
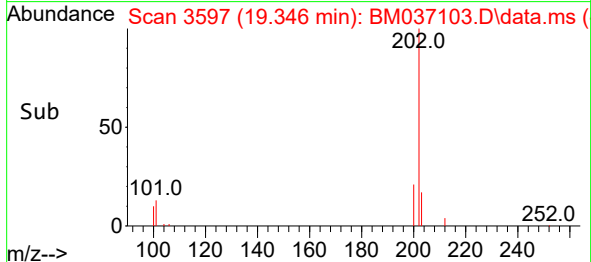
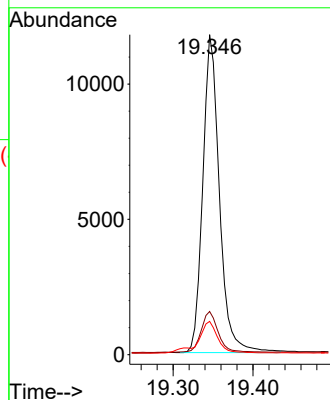
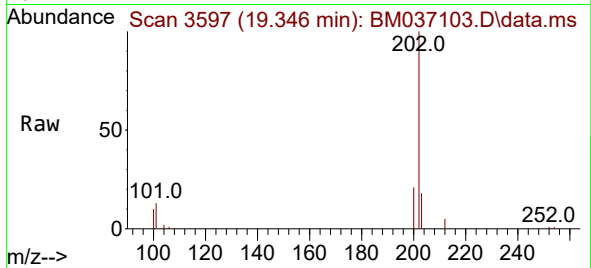




#19
Fluoranthene
Concen: 0.438 ng/ul
RT: 19.346 min Scan# 3597
Delta R.T. -0.004 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

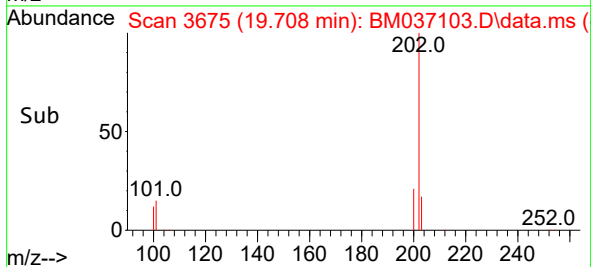
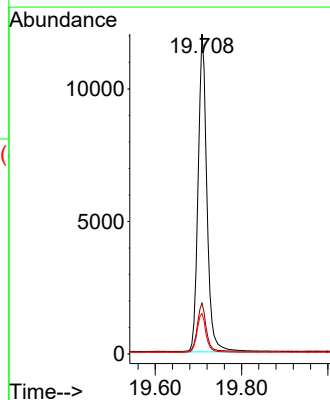
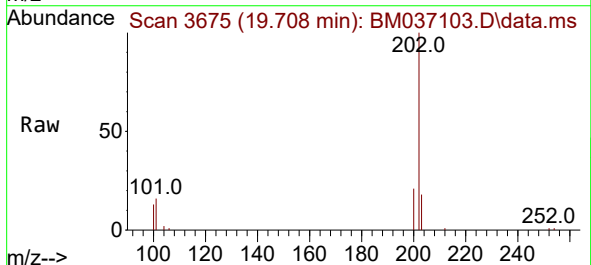
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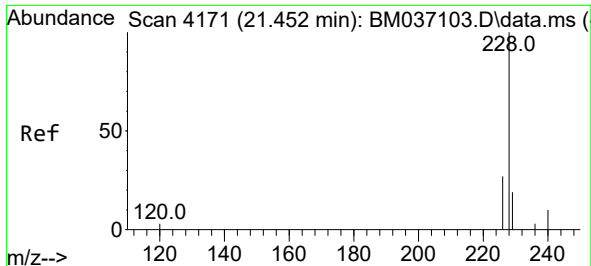
Tgt Ion:202 Resp: 17028
Ion Ratio Lower Upper
202 100
101 13.5 10.1 15.1
100 10.4 7.9 11.9



#20
Pyrene
Concen: 0.422 ng/ul
RT: 19.708 min Scan# 3675
Delta R.T. 0.001 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

Tgt Ion:202 Resp: 17121
Ion Ratio Lower Upper
202 100
101 15.8 12.0 18.0
100 12.7 9.8 14.6

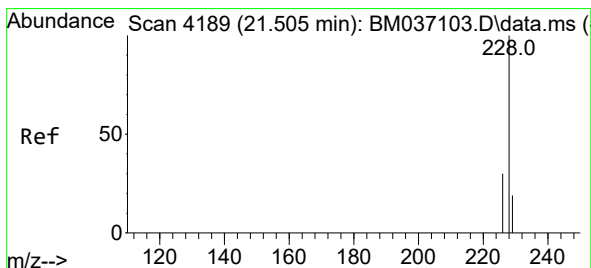
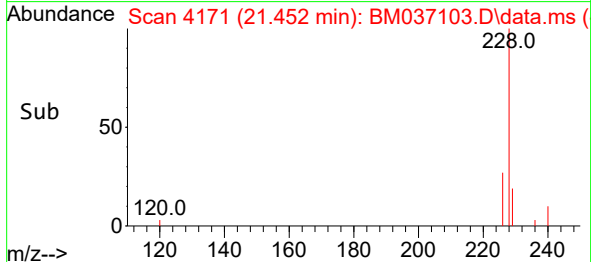
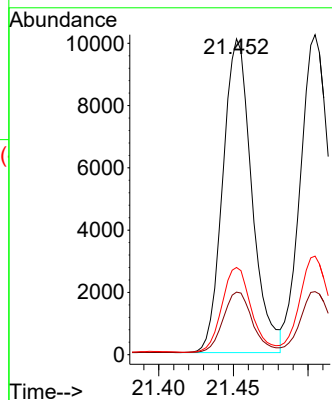
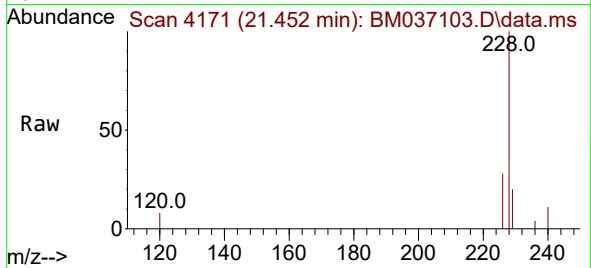




#21
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. 0.002 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

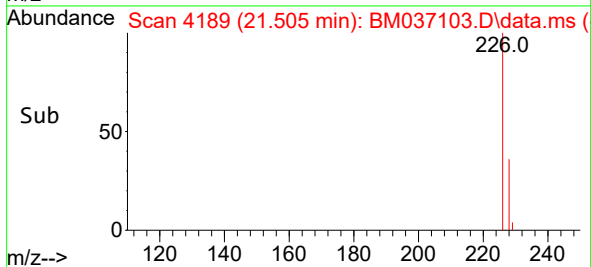
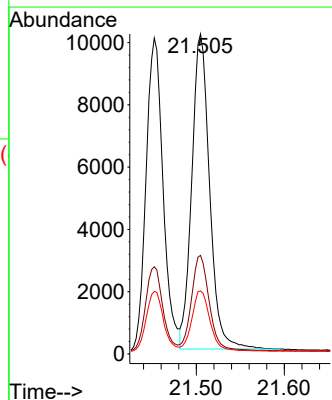
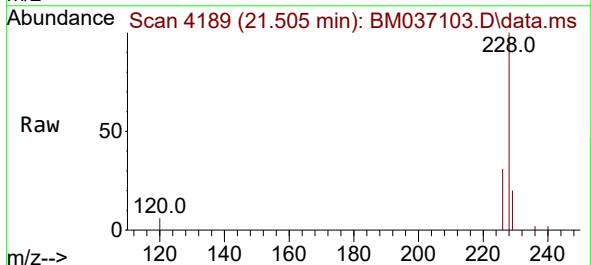
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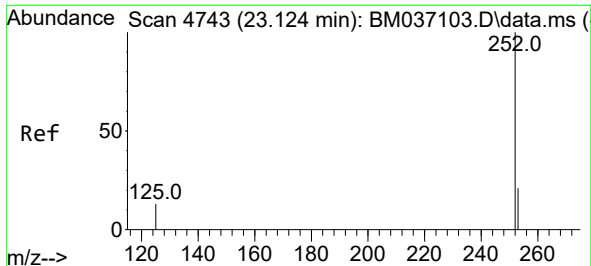
Tgt Ion:228 Resp: 13614
Ion Ratio Lower Upper
228 100
229 19.8 16.2 24.2
226 27.6 22.5 33.7



#22
Chrysene
Concen: 0.375 ng/ul
RT: 21.505 min Scan# 4189
Delta R.T. 0.002 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

Tgt Ion:228 Resp: 14212
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 19.7 16.4 24.6

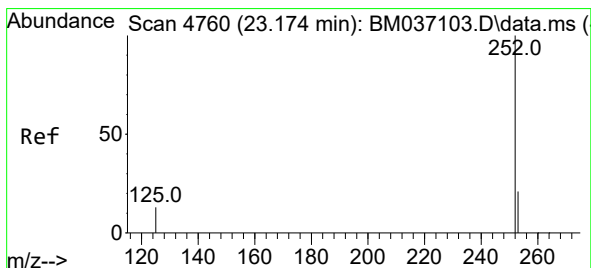
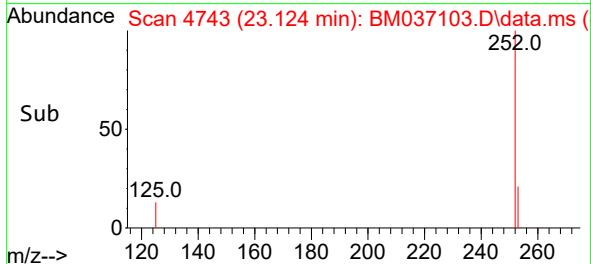
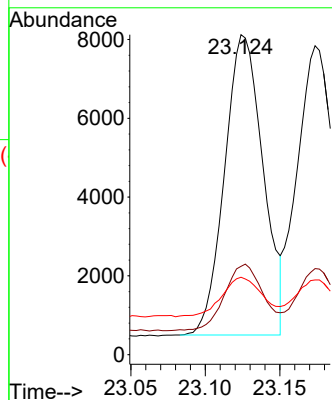
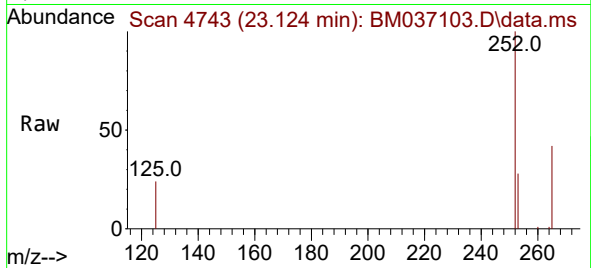




#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 23.124 min Scan# 4743
Delta R.T. 0.002 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

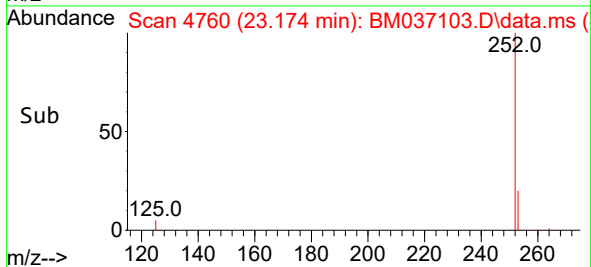
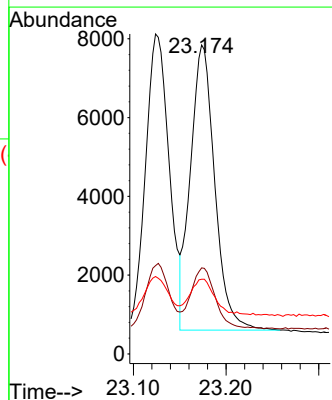
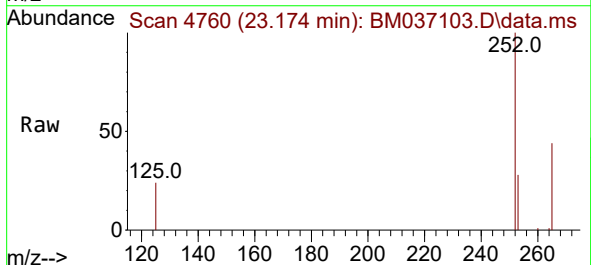
Instrument :
BNA_M
ClientSampleId :
SSTD0.4152

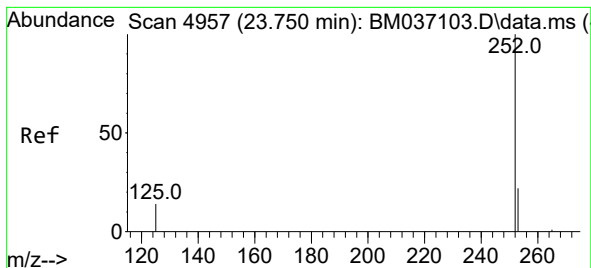
Tgt Ion:252 Resp: 13708
Ion Ratio Lower Upper
252 100
253 27.6 0.0 61.4
125 24.2 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul
RT: 23.174 min Scan# 4760
Delta R.T. 0.005 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

Tgt Ion:252 Resp: 13222
Ion Ratio Lower Upper
252 100
253 27.9 25.2 37.8
125 24.2 18.3 27.5





#26

Benzo(a)pyrene

Concen: 0.376 ng/ul

RT: 23.750 min Scan# 4957

Delta R.T. 0.005 min

Lab File: BM037103.D

Acq: 17 Oct 2022 09:18

Instrument :

BNA_M

ClientSampleId :

SSTD0.4152

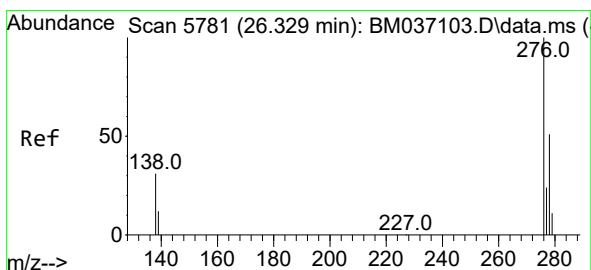
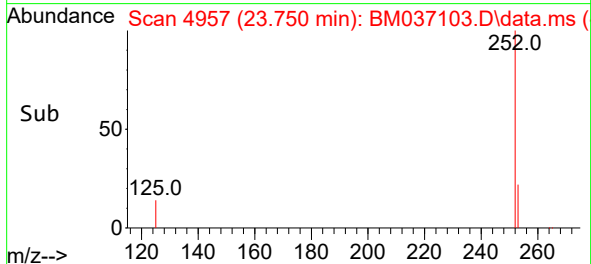
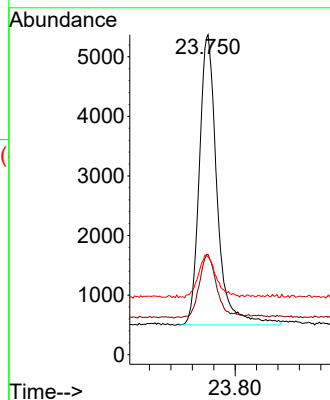
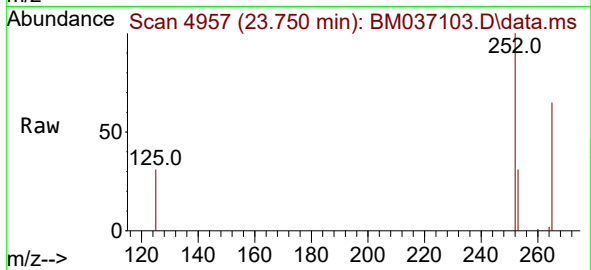
Tgt Ion:252 Resp: 11142

Ion Ratio Lower Upper

252 100

253 31.4 29.7 44.5

125 30.6 23.6 35.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.315 ng/ul

RT: 26.329 min Scan# 5781

Delta R.T. 0.002 min

Lab File: BM037103.D

Acq: 17 Oct 2022 09:18

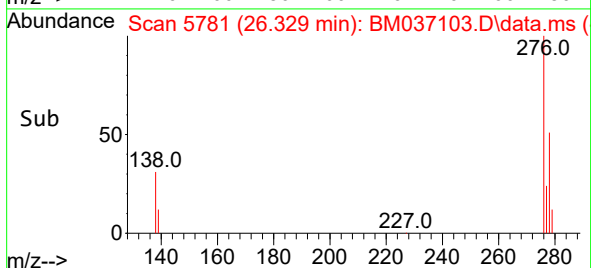
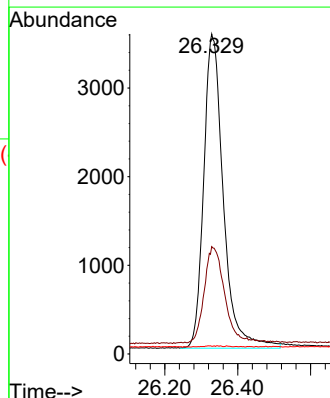
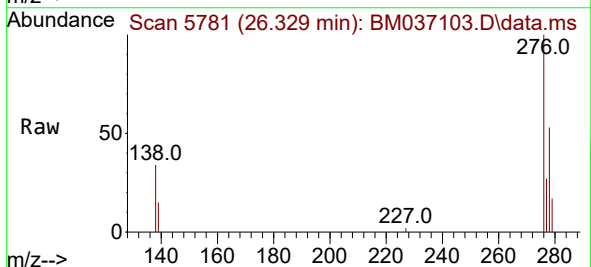
Tgt Ion:276 Resp: 13204

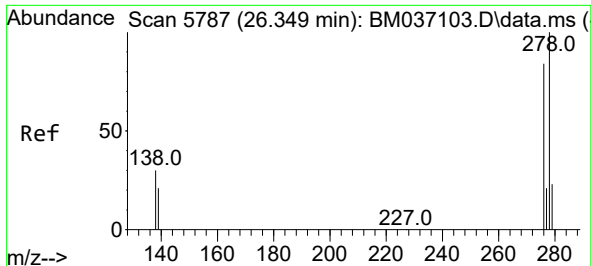
Ion Ratio Lower Upper

276 100

138 31.9 23.9 35.9

227 0.1 0.1 0.1#

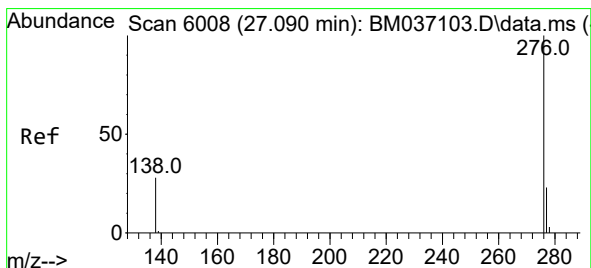
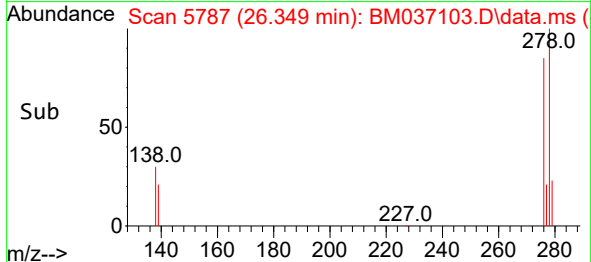
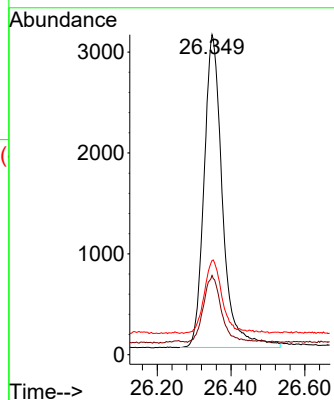
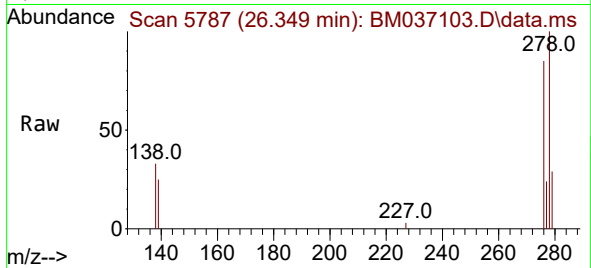




#28
Dibenzo(a,h)anthracene
Concen: 0.317 ng/ul
RT: 26.349 min Scan# 51
Delta R.T. 0.006 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

Instrument :
BNA_M
ClientSampleId :
SSTD0.4152

Tgt Ion:278 Resp: 10749
Ion Ratio Lower Upper
278 100
139 24.8 19.8 29.6
279 29.5 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.356 ng/ul
RT: 27.090 min Scan# 6008
Delta R.T. 0.002 min
Lab File: BM037103.D
Acq: 17 Oct 2022 09:18

Tgt Ion:276 Resp: 13168
Ion Ratio Lower Upper
276 100
138 31.0 23.4 35.0
277 25.6 21.0 31.4

