

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037101.D
 Acq On : 15 Oct 2022 20:33
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4151

Quant Time: Oct 17 00:57:35 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 : Sat Oct 15 04:13:53 2022
 Response via : Initial Calibration

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

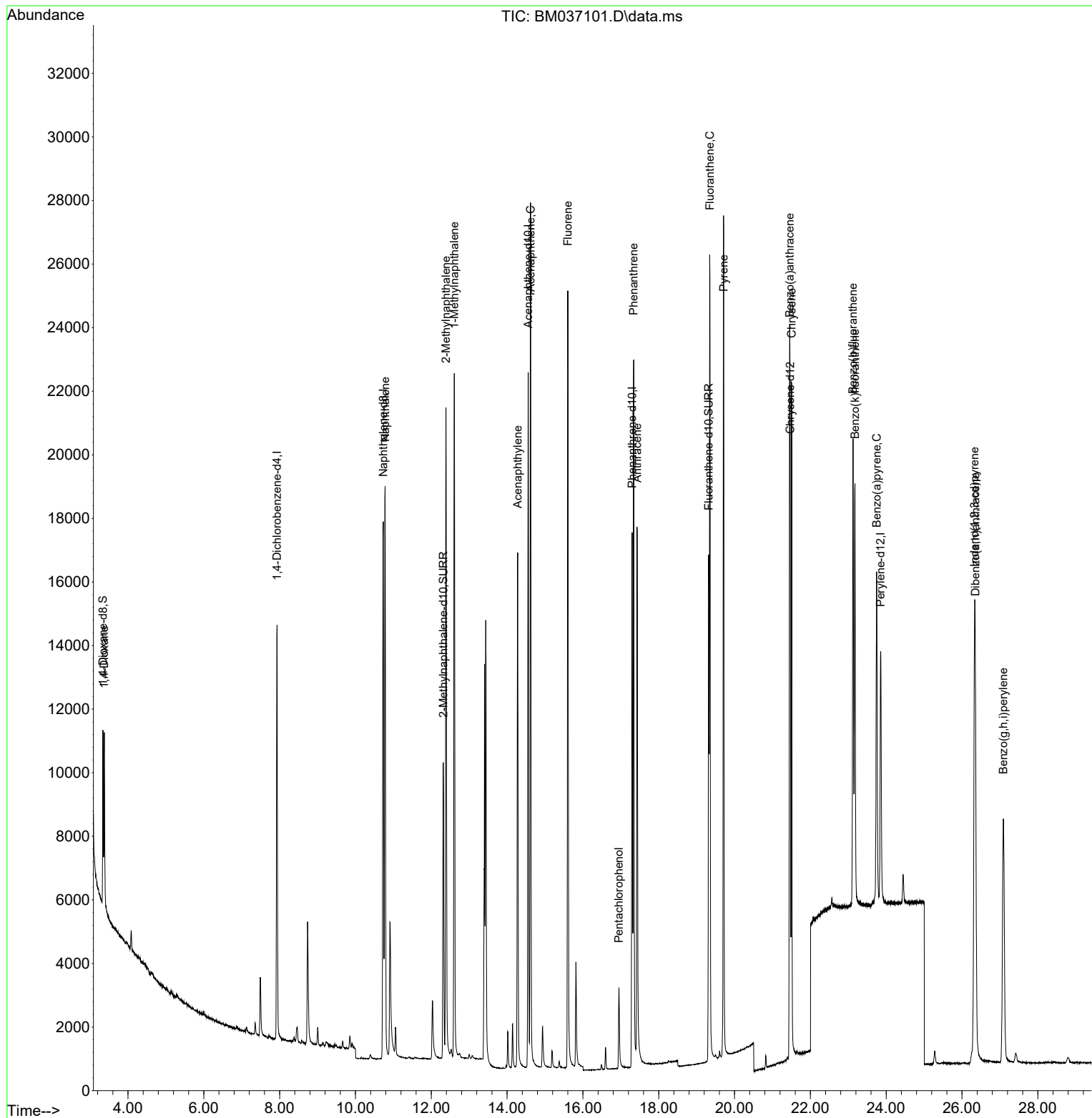
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6845	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	23530	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.557	164	11881	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	20731	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	12975	0.400	ng/ul	0.00
23) Perylene-d12	23.853	264	11388	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3546	0.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	12916	0.363	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	17096	0.441	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.373	88	3504	0.371	ng/ul#	89
5) Naphthalene	10.782	128	25256	0.375	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	15294	0.372	ng/ul	91
8) 1-Methylnaphthalene	12.607	142	15555	0.372	ng/ul	99
10) Acenaphthylene	14.279	152	19969	0.404	ng/ul	98
11) Acenaphthene	14.617	153	16154	0.377	ng/ul	99
12) Fluorene	15.602	166	16816	0.346	ng/ul	99
14) Pentachlorophenol	16.950	266	2103	0.419	ng/ul	97
15) Phenanthrene	17.339	178	24175	0.365	ng/ul	99
16) Anthracene	17.427	178	20879	0.378	ng/ul	99
19) Fluoranthene	19.345	202	22509	0.436	ng/ul	99
20) Pyrene	19.712	202	22732	0.422	ng/ul	97
21) Benzo(a)anthracene	21.450	228	17955	0.383	ng/ul	100
22) Chrysene	21.503	228	18356	0.365	ng/ul	99
24) Benzo(b)fluoranthene	23.125	252	18238	0.358	ng/ul	95
25) Benzo(k)fluoranthene	23.175	252	17558	0.354	ng/ul	94
26) Benzo(a)pyrene	23.748	252	15913	0.386	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.330	276	20895	0.357	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.350	278	16394	0.347	ng/ul#	91
29) Benzo(g,h,i)perylene	27.091	276	17655	0.343	ng/ul	99

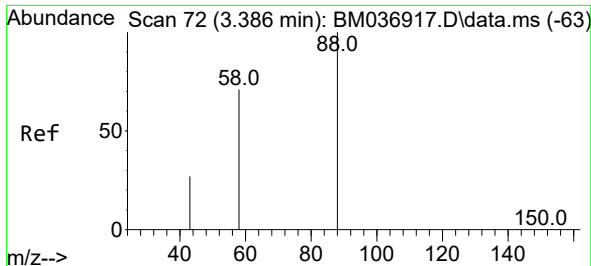
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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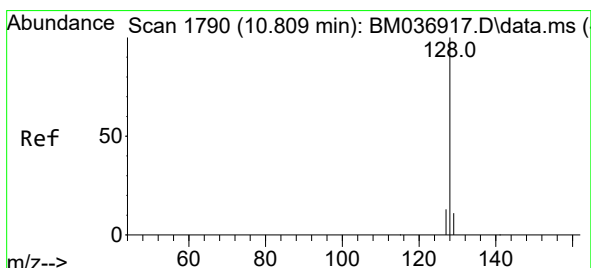
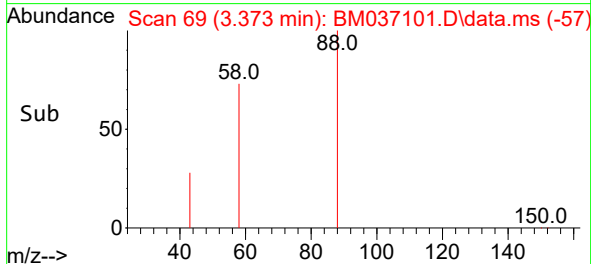
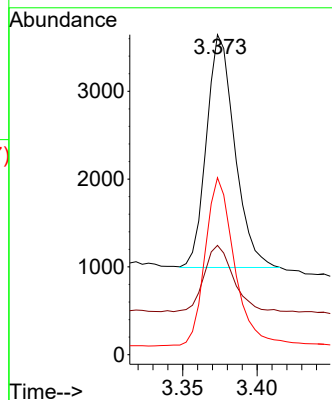
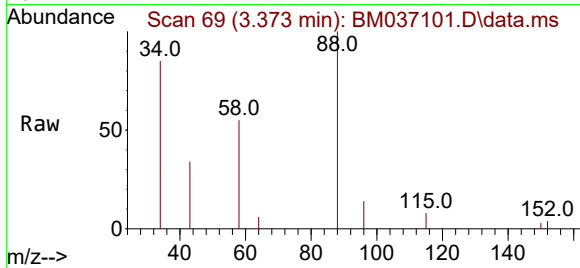




#2
1,4-Dioxane
Concen: 0.371 ng/ul
RT: 3.373 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM037101.D
Acq: 15 Oct 2022 20:33

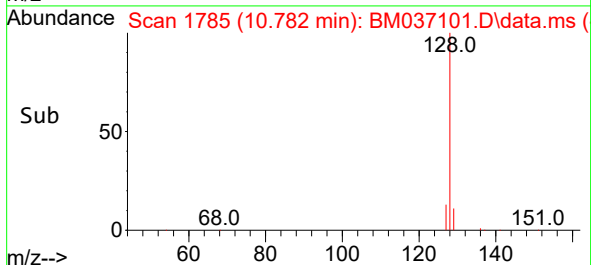
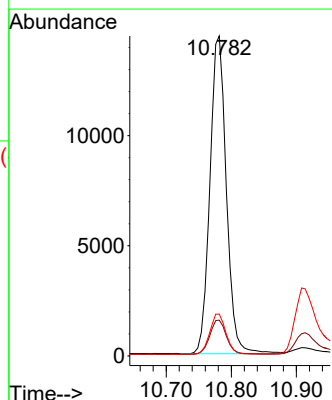
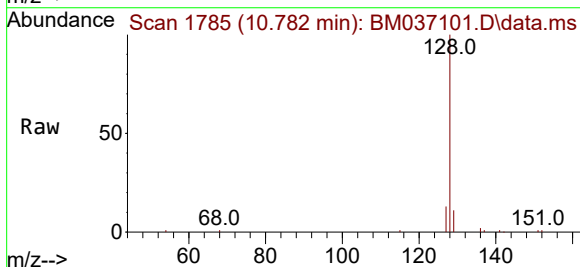
Instrument :
BNA_M
ClientSampleId :
SSTD0.4151

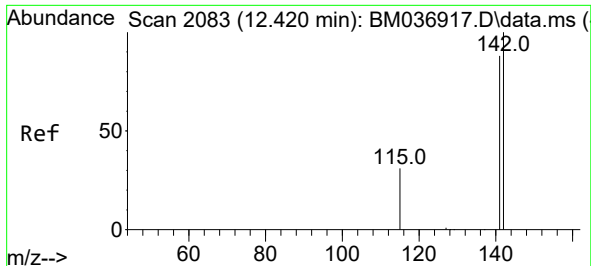
Tgt Ion: 88 Resp: 3504
Ion Ratio Lower Upper
88 100
43 34.2 37.8 56.6#
58 55.3 42.6 63.8



#5
Naphthalene
Concen: 0.375 ng/ul
RT: 10.782 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BM037101.D
Acq: 15 Oct 2022 20:33

Tgt Ion: 128 Resp: 25256
Ion Ratio Lower Upper
128 100
129 11.2 10.2 15.2
127 13.1 11.7 17.5

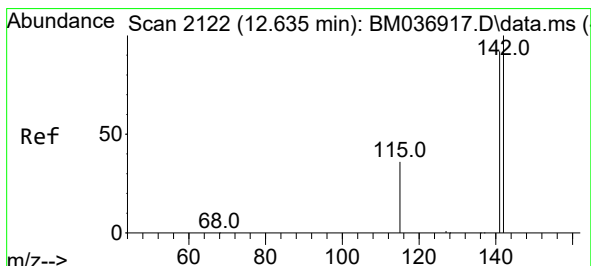
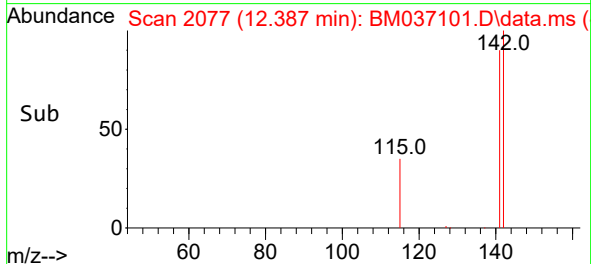
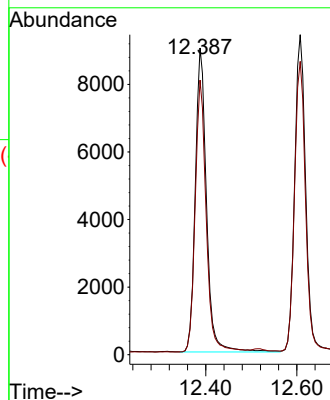
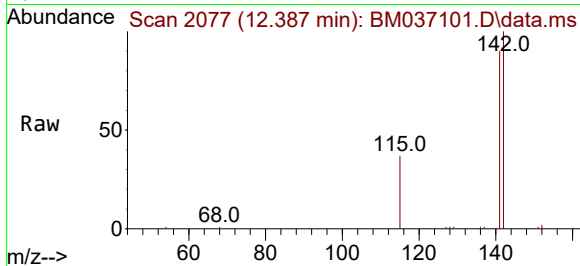




#7
2-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.387 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM037101.D
Acq: 15 Oct 2022 20:33

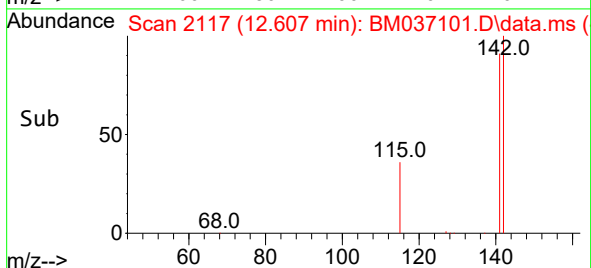
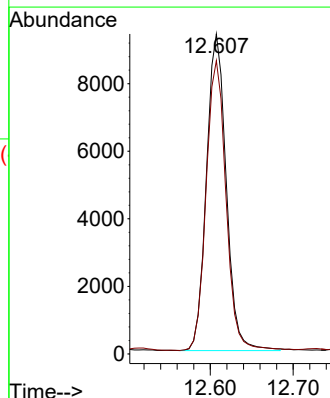
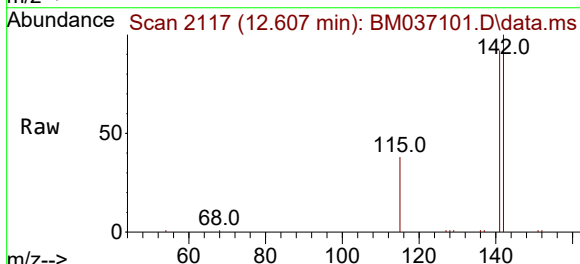
Instrument :
BNA_M
ClientSampleId :
SSTD0.4151

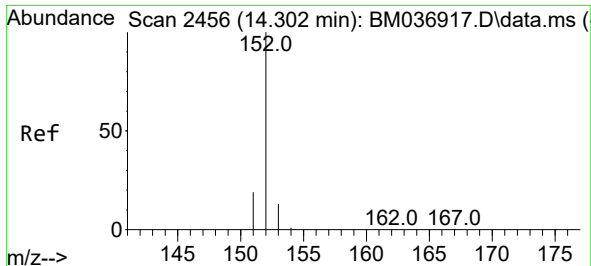
Tgt Ion:142 Resp: 15294
Ion Ratio Lower Upper
142 100
141 88.2 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM037101.D
Acq: 15 Oct 2022 20:33

Tgt Ion:142 Resp: 15555
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1

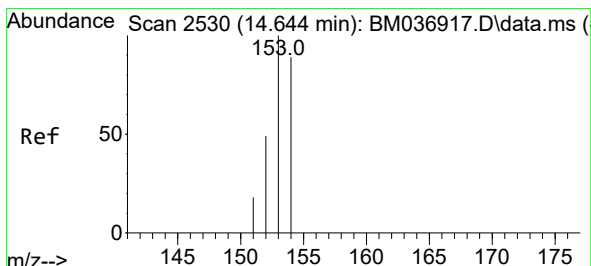
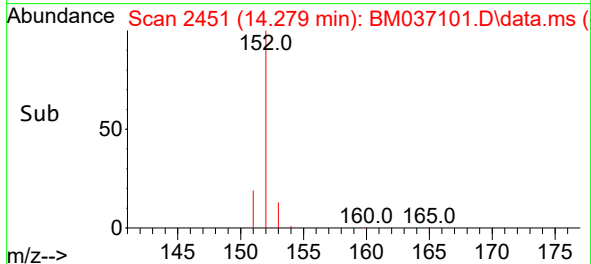
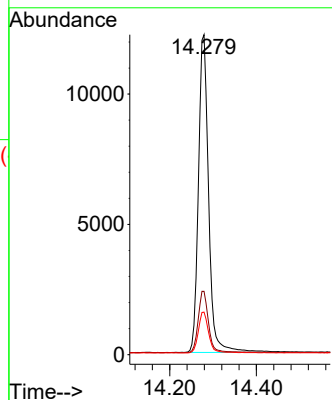
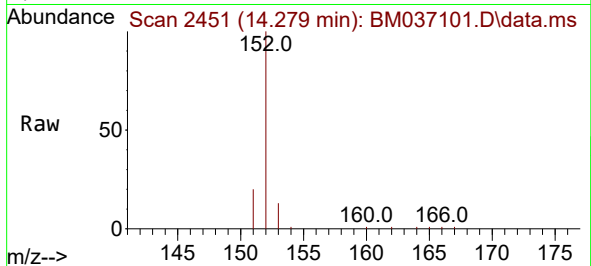




#10
Acenaphthylene
Concen: 0.404 ng/ul
RT: 14.279 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BM037101.D
Acq: 15 Oct 2022 20:33

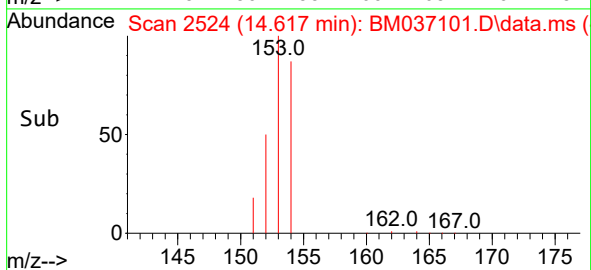
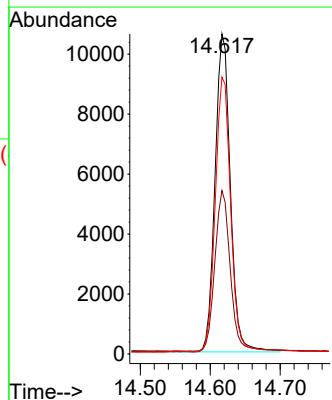
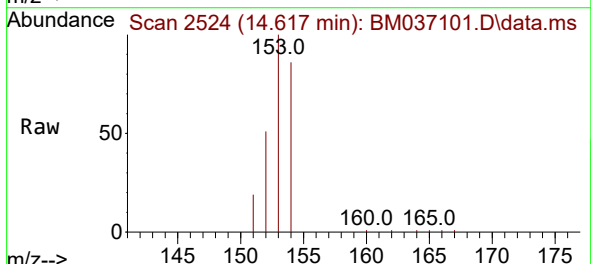
Instrument :
BNA_M
ClientSampleId :
SSTD0.4151

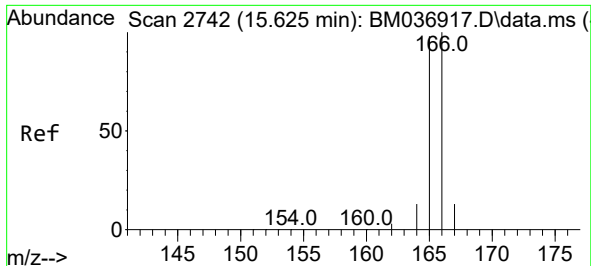
Tgt Ion:152 Resp: 19969
Ion Ratio Lower Upper
152 100
151 19.8 16.6 24.8
153 13.3 11.4 17.0



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.617 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BM037101.D
Acq: 15 Oct 2022 20:33

Tgt Ion:153 Resp: 16154
Ion Ratio Lower Upper
153 100
152 51.0 40.2 60.4
154 86.5 69.7 104.5

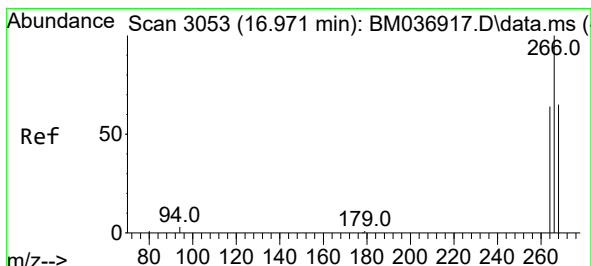
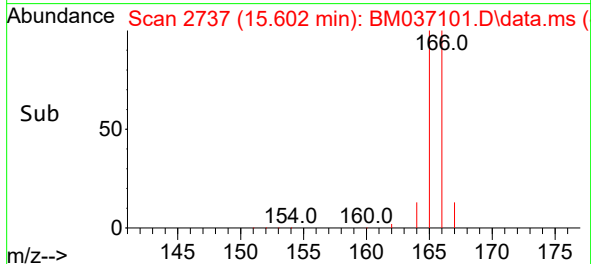
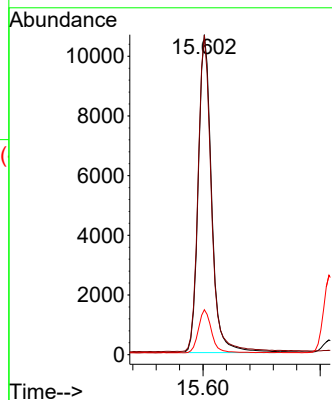
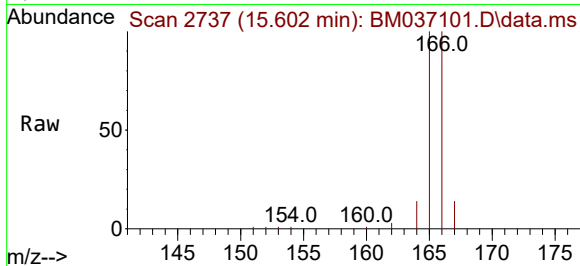




#12
 Fluorene
 Concen: 0.346 ng/ul
 RT: 15.602 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM037101.D
 Acq: 15 Oct 2022 20:33

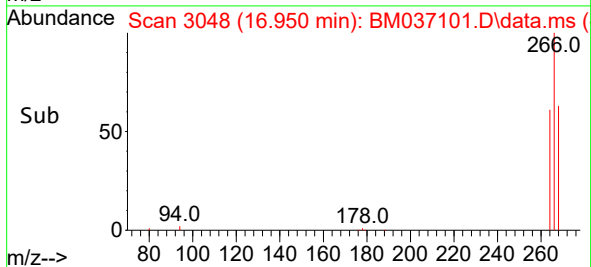
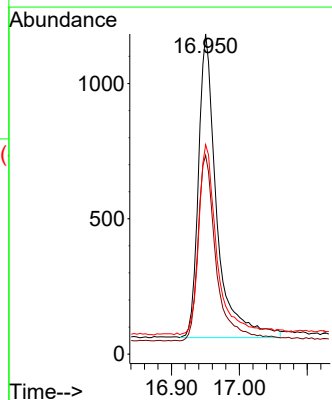
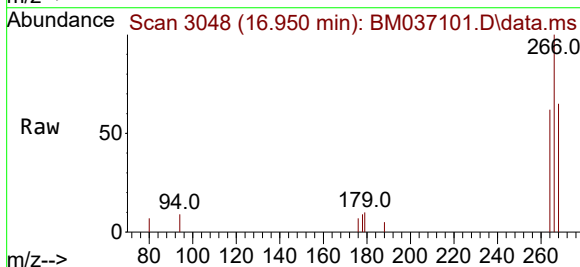
Instrument :
 BNA_M
 ClientSampleId :
 SST0.4151

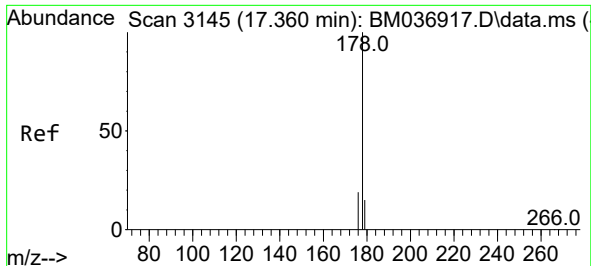
Tgt Ion:166 Resp: 16816
 Ion Ratio Lower Upper
 166 100
 165 99.8 78.9 118.3
 167 14.0 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.419 ng/ul
 RT: 16.950 min Scan# 3048
 Delta R.T. 0.000 min
 Lab File: BM037101.D
 Acq: 15 Oct 2022 20:33

Tgt Ion:266 Resp: 2103
 Ion Ratio Lower Upper
 266 100
 264 61.5 50.3 75.5
 268 63.4 53.5 80.3

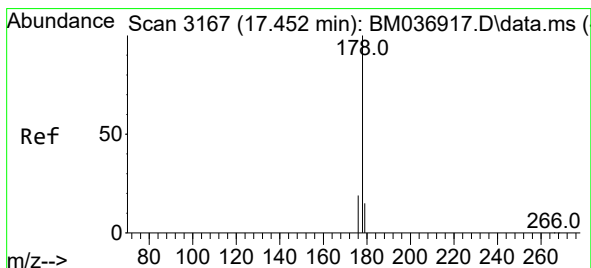
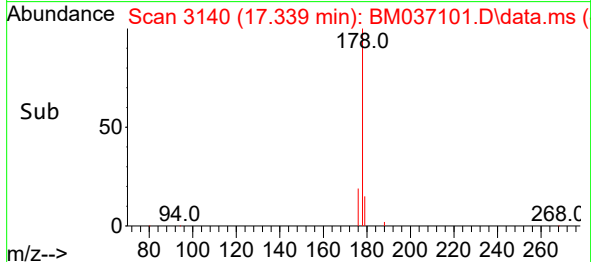
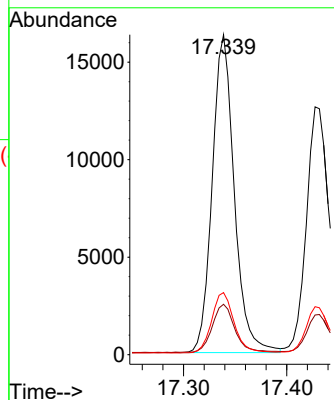
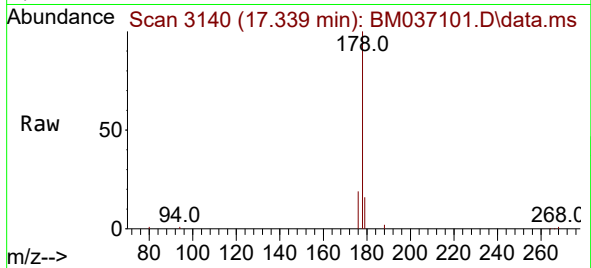




#15
Phenanthrene
Concen: 0.365 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM037101.D
Acq: 15 Oct 2022 20:33

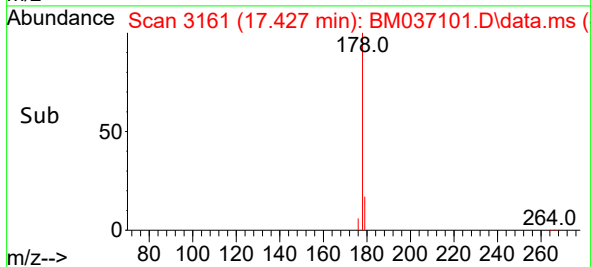
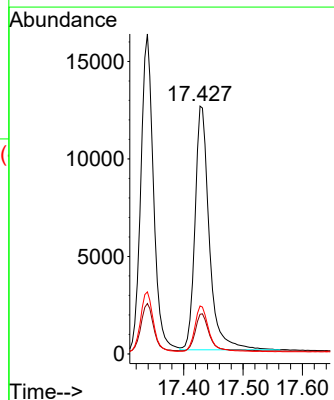
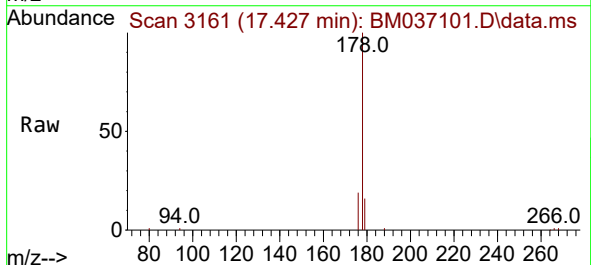
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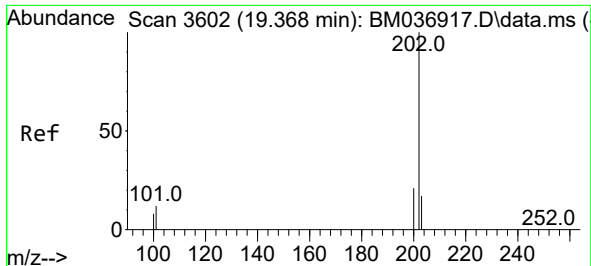
Tgt Ion:178 Resp: 24175
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.378 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037101.D
Acq: 15 Oct 2022 20:33

Tgt Ion:178 Resp: 20879
Ion Ratio Lower Upper
178 100
179 16.0 13.6 20.4
176 19.4 15.6 23.4

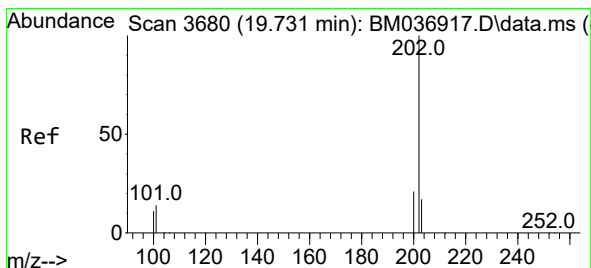
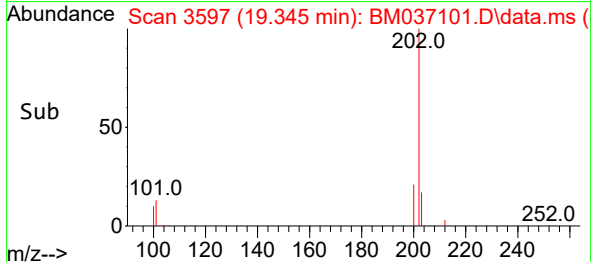
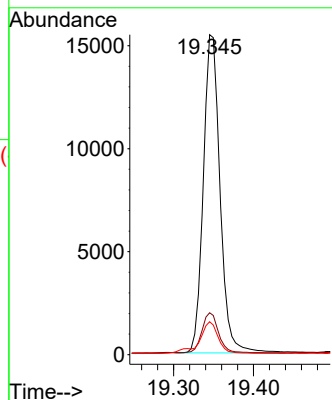
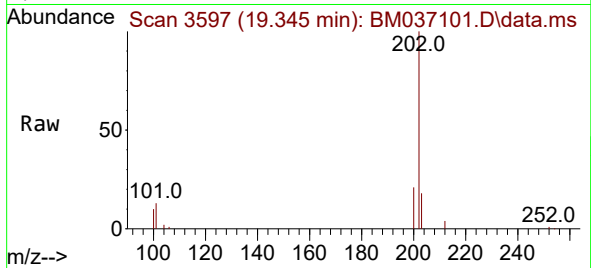




#19
Fluoranthene
Concen: 0.436 ng/ul
RT: 19.345 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM037101.D
Acq: 15 Oct 2022 20:33

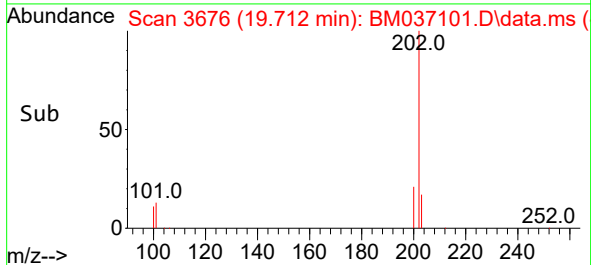
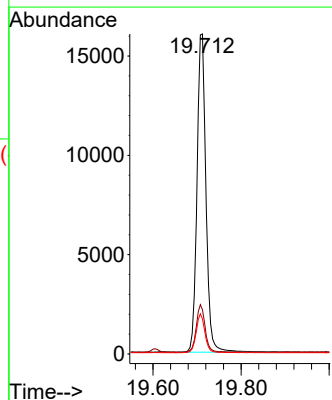
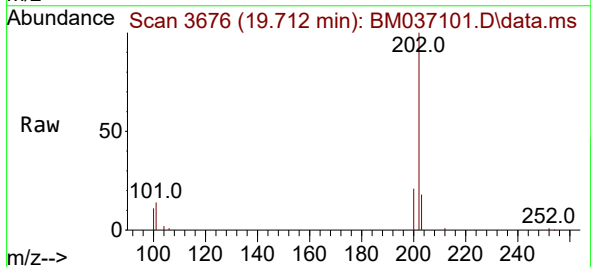
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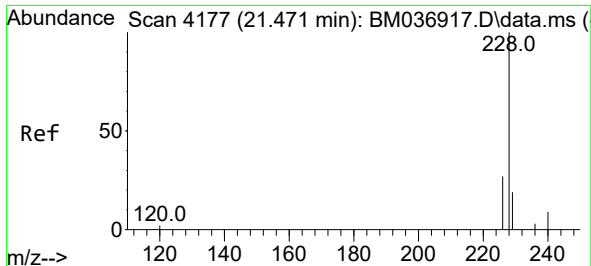
Tgt Ion:202 Resp: 22509
Ion Ratio Lower Upper
202 100
101 13.1 10.1 15.1
100 10.3 7.9 11.9



#20
Pyrene
Concen: 0.422 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. 0.005 min
Lab File: BM037101.D
Acq: 15 Oct 2022 20:33

Tgt Ion:202 Resp: 22732
Ion Ratio Lower Upper
202 100
101 13.8 12.0 18.0
100 11.0 9.8 14.6

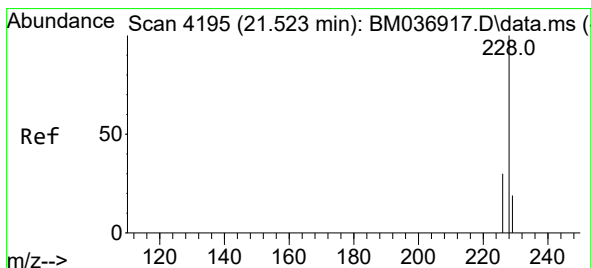
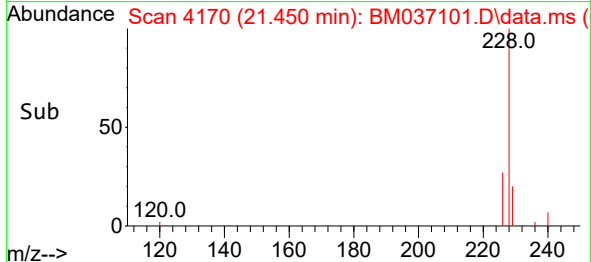
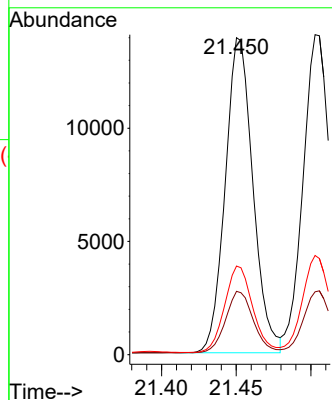
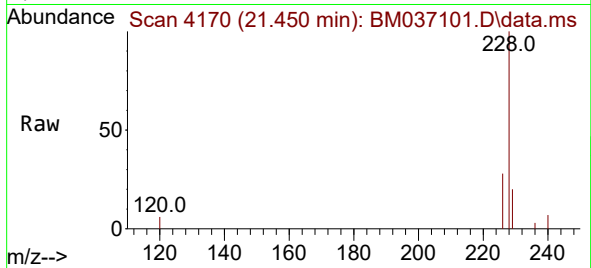




#21
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 21.450 min Scan# 4177
Delta R.T. 0.000 min
Lab File: BM037101.D
Acq: 15 Oct 2022 20:33

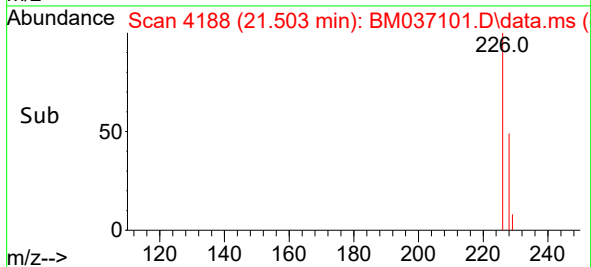
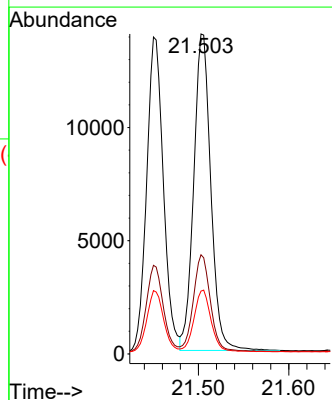
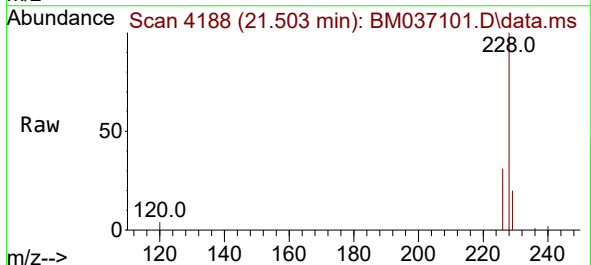
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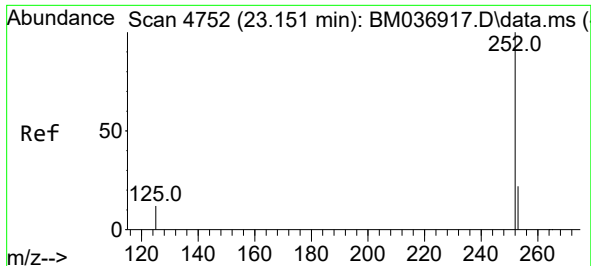
Tgt Ion:228 Resp: 17955
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 28.0 22.5 33.7



#22
Chrysene
Concen: 0.365 ng/ul
RT: 21.503 min Scan# 4188
Delta R.T. 0.000 min
Lab File: BM037101.D
Acq: 15 Oct 2022 20:33

Tgt Ion:228 Resp: 18356
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 19.7 16.4 24.6

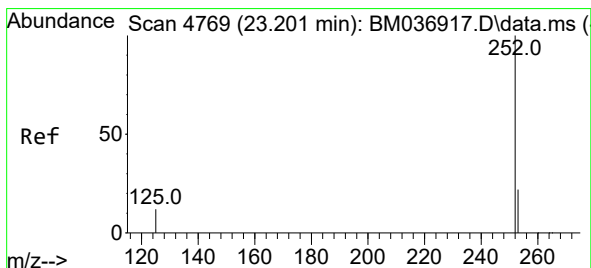
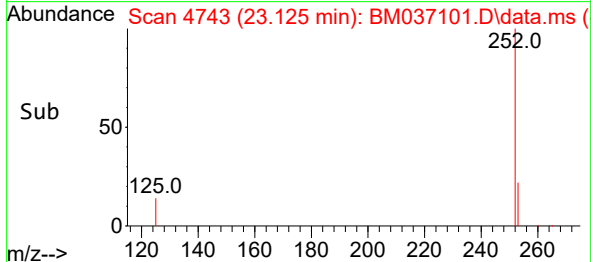
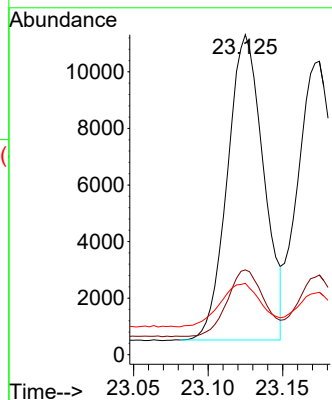
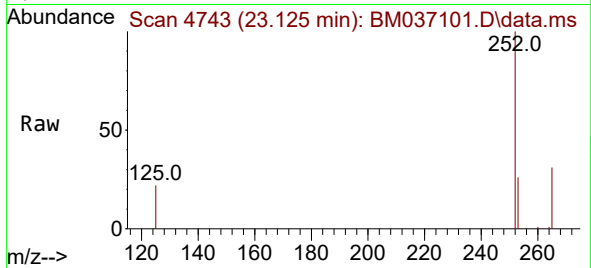




#24
Benzo(b)fluoranthene
Concen: 0.358 ng/ul
RT: 23.125 min Scan# 4752
Delta R.T. 0.003 min
Lab File: BM037101.D
Acq: 15 Oct 2022 20:33

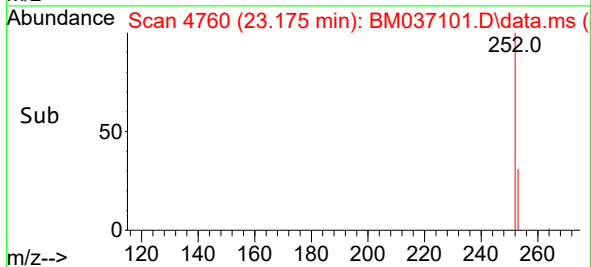
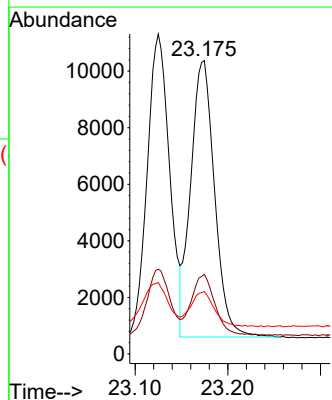
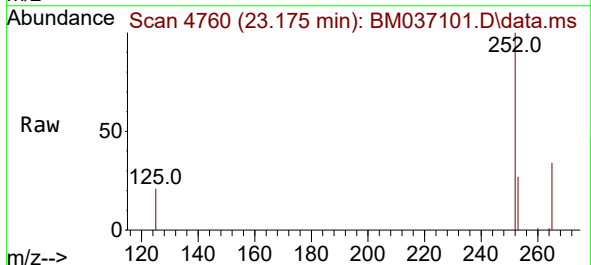
Instrument :
BNA_M
ClientSampleId :
SSTD0.4151

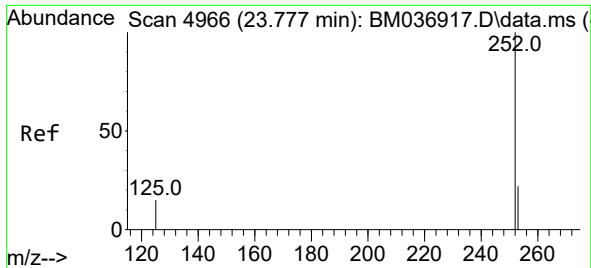
Tgt Ion:252 Resp: 18238
Ion Ratio Lower Upper
252 100
253 26.5 0.0 61.4
125 22.3 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul
RT: 23.175 min Scan# 4760
Delta R.T. 0.006 min
Lab File: BM037101.D
Acq: 15 Oct 2022 20:33

Tgt Ion:252 Resp: 17558
Ion Ratio Lower Upper
252 100
253 27.1 25.2 37.8
125 21.3 18.3 27.5

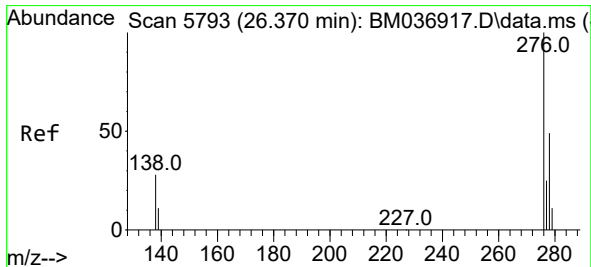
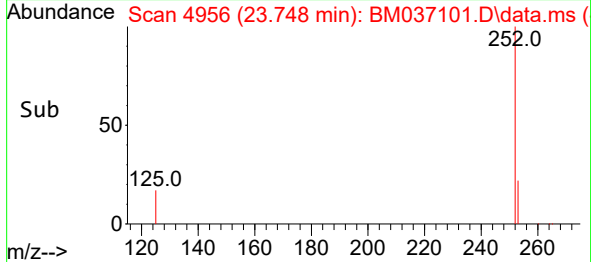
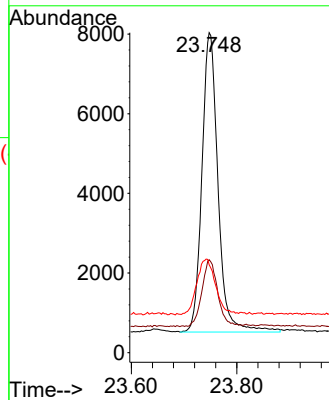
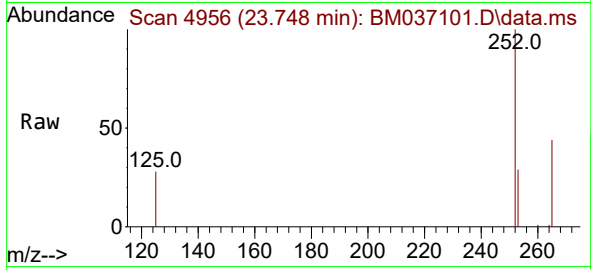




#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.748 min Scan# 4966
Delta R.T. 0.003 min
Lab File: BM037101.D
Acq: 15 Oct 2022 20:33

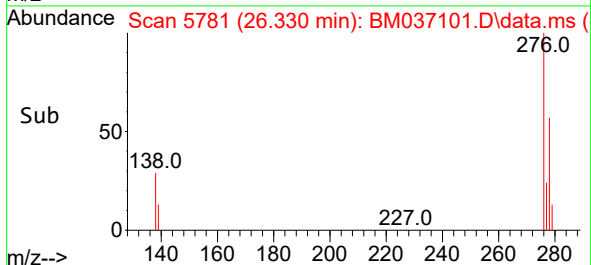
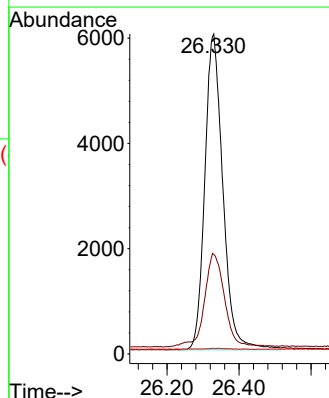
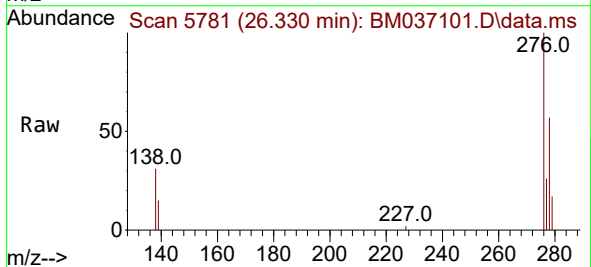
Instrument :
BNA_M
ClientSampleId :
SSTD0.4151

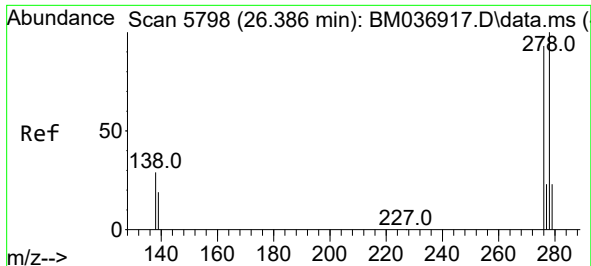
Tgt Ion:252 Resp: 15913
Ion Ratio Lower Upper
252 100
253 29.1 29.7 44.5#
125 27.5 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 26.330 min Scan# 5781
Delta R.T. 0.003 min
Lab File: BM037101.D
Acq: 15 Oct 2022 20:33

Tgt Ion:276 Resp: 20895
Ion Ratio Lower Upper
276 100
138 33.1 23.9 35.9
227 0.2 0.1 0.1#

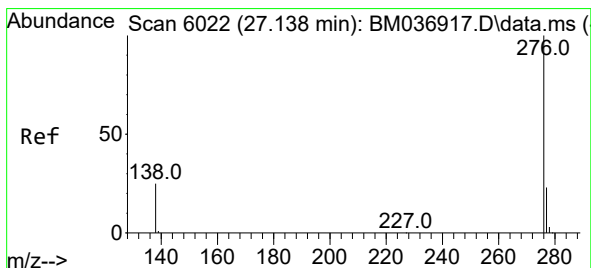
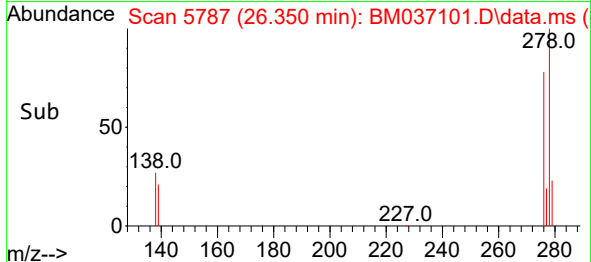
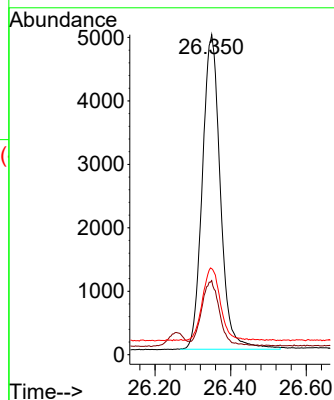
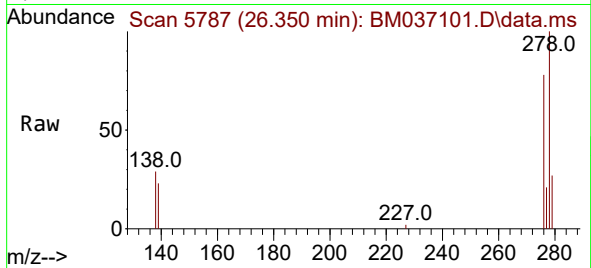




#28
 Dibenzo(a,h)anthracene
 Concen: 0.347 ng/ul
 RT: 26.350 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: BM037101.D
 Acq: 15 Oct 2022 20:33

Instrument :
 BNA_M
 ClientSampleId :
 SST00.4151

Tgt Ion:278 Resp: 16394
 Ion Ratio Lower Upper
 278 100
 139 23.1 19.8 29.6
 279 26.9 27.7 41.5#



#29
 Benzo(g,h,i)perylene
 Concen: 0.343 ng/ul
 RT: 27.091 min Scan# 6008
 Delta R.T. 0.003 min
 Lab File: BM037101.D
 Acq: 15 Oct 2022 20:33

Tgt Ion:276 Resp: 17655
 Ion Ratio Lower Upper
 276 100
 138 28.9 23.4 35.0
 277 25.7 21.0 31.4

