

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039704.D
 Acq On : 27 Apr 2023 12:24
 Operator : CG/JU
 Sample : SSTD1.650
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6026

Quant Time: Apr 27 22:37:00 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 16:04:50 2023
 Response via : Initial Calibration

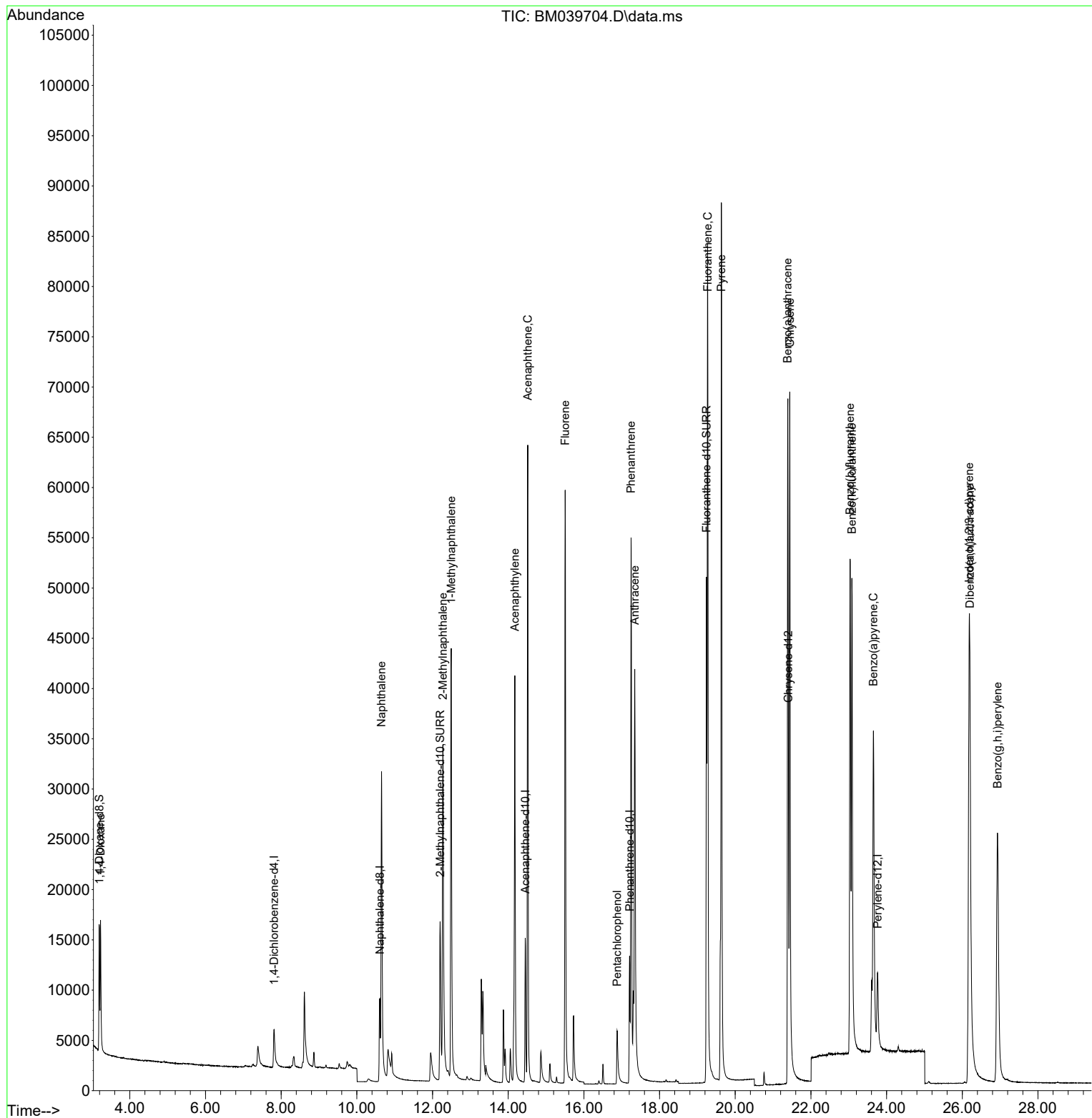
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	3859	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.606	136	14654	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	8452	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	16757	0.400	ng/ul	0.00
17) Chrysene-d12	21.404	240	15215	0.400	ng/ul	0.00
23) Perylene-d12	23.763	264	12169	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	8036	1.413	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	28341	1.508	ng/ul	-0.02
18) Fluoranthene-d10	19.238	212	60685	1.482	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.226	88	8282	1.406	ng/ul#	48
5) Naphthalene	10.650	128	54417	1.479	ng/ul	98
7) 2-Methylnaphthalene	12.272	142	32607	1.535	ng/ul	98
8) 1-Methylnaphthalene	12.492	142	34420	1.511	ng/ul	100
10) Acenaphthylene	14.173	152	50761	1.552	ng/ul	98
11) Acenaphthene	14.515	153	38547	1.500	ng/ul	98
12) Fluorene	15.505	166	43416	1.523	ng/ul	99
14) Pentachlorophenol	16.879	266	5935	1.625	ng/ul	97
15) Phenanthrene	17.246	178	66404	1.504	ng/ul	99
16) Anthracene	17.343	178	59547	1.571	ng/ul	97
19) Fluoranthene	19.271	202	79333	1.462	ng/ul	98
20) Pyrene	19.633	202	84225	1.437	ng/ul	100
21) Benzo(a)anthracene	21.386	228	65831	1.505	ng/ul	99
22) Chrysene	21.442	228	72276	1.460	ng/ul	99
24) Benzo(b)fluoranthene	23.035	252	69450	1.625	ng/ul	92
25) Benzo(k)fluoranthene	23.084	252	70561	1.622	ng/ul#	91
26) Benzo(a)pyrene	23.651	252	61460	1.602	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.182	276	76175	1.570	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.199	278	59479	1.579	ng/ul	92
29) Benzo(g,h,i)perylene	26.930	276	64965	1.537	ng/ul	97

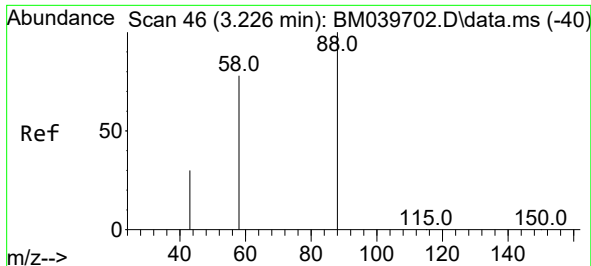
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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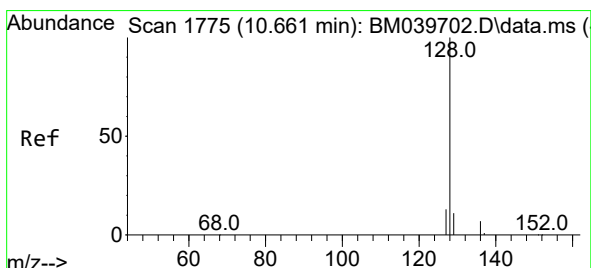
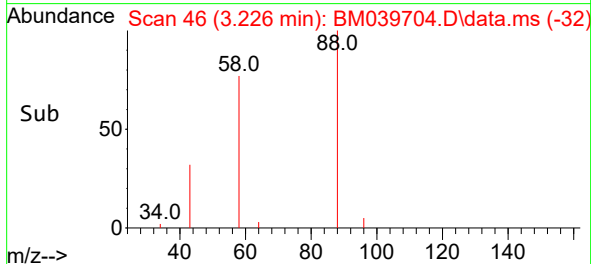
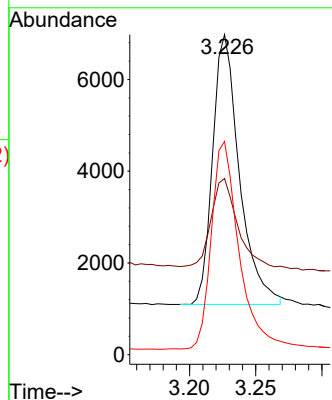
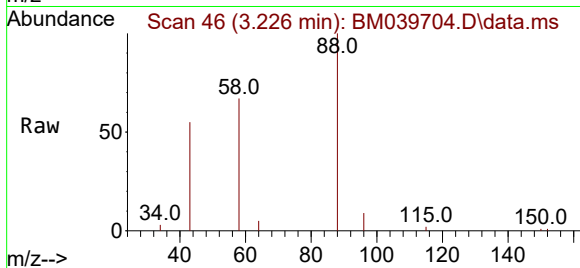




#2
1,4-Dioxane
Concen: 1.406 ng/ul
RT: 3.226 min Scan# 46
Delta R.T. -0.000 min
Lab File: BM039704.D
Acq: 27 Apr 2023 12:24

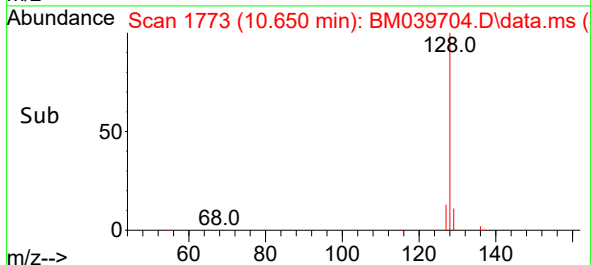
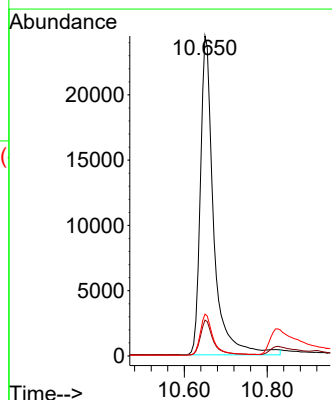
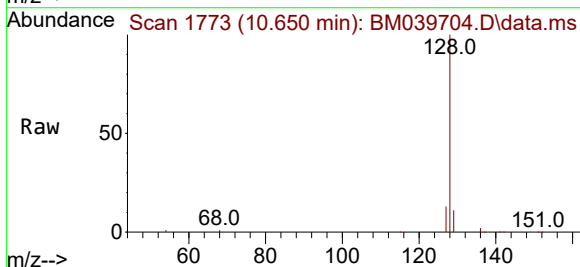
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

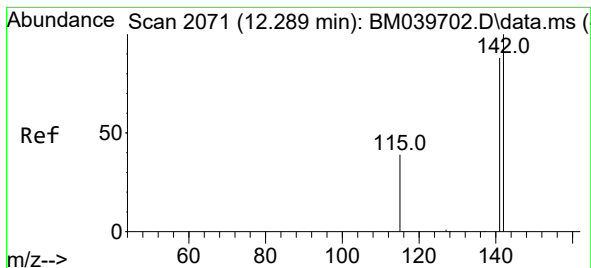
Tgt Ion: 88 Resp: 8282
Ion Ratio Lower Upper
88 100
43 55.0 102.6 153.8#
58 66.7 40.6 61.0#



#5
Naphthalene
Concen: 1.479 ng/ul
RT: 10.650 min Scan# 1773
Delta R.T. -0.011 min
Lab File: BM039704.D
Acq: 27 Apr 2023 12:24

Tgt Ion: 128 Resp: 54417
Ion Ratio Lower Upper
128 100
129 11.2 9.8 14.6
127 13.0 11.1 16.7

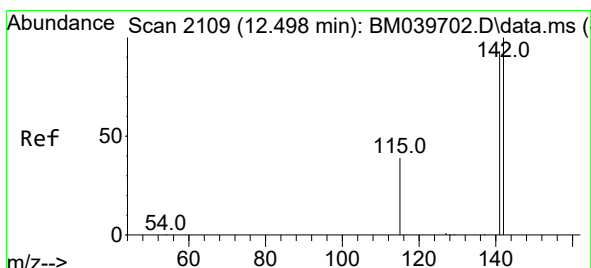
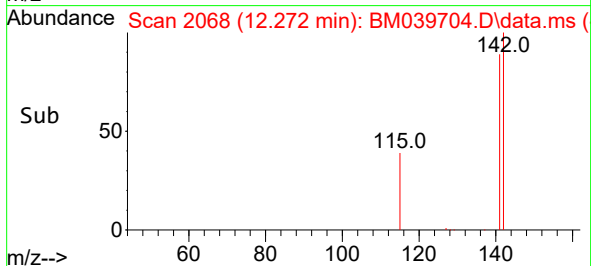
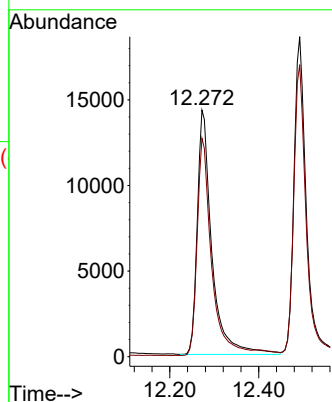
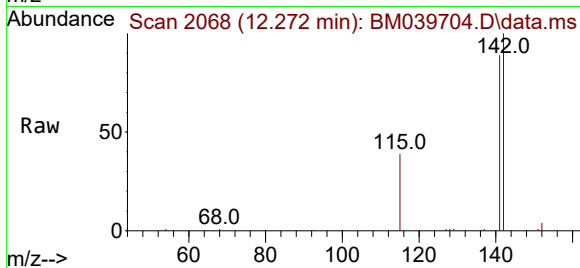




#7
2-Methylnaphthalene
Concen: 1.535 ng/ul
RT: 12.272 min Scan# 2071
Delta R.T. -0.017 min
Lab File: BM039704.D
Acq: 27 Apr 2023 12:24

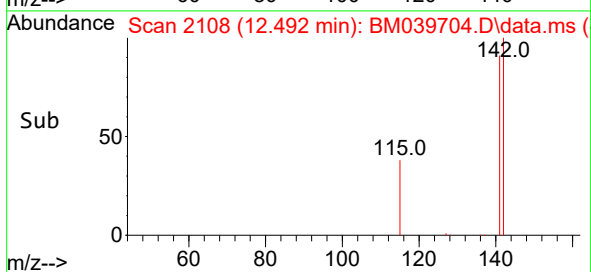
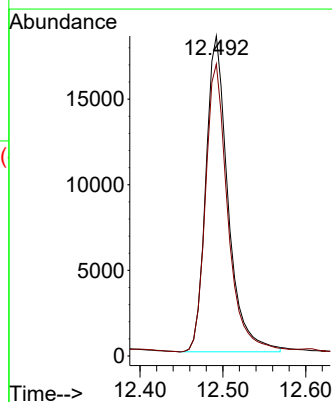
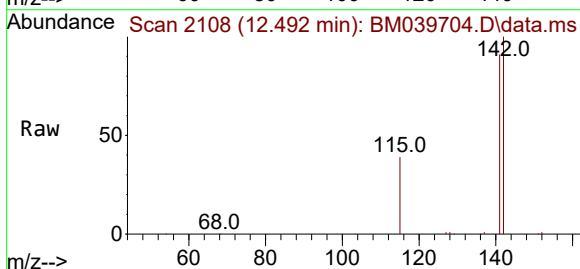
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

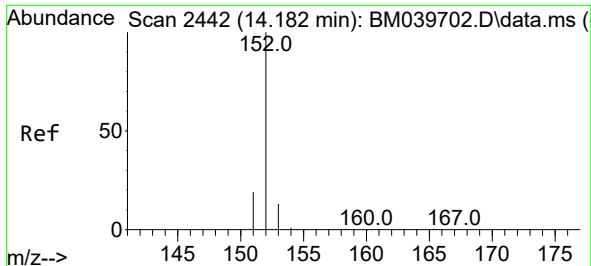
Tgt Ion:142 Resp: 32607
Ion Ratio Lower Upper
142 100
141 90.0 73.2 109.8



#8
1-Methylnaphthalene
Concen: 1.511 ng/ul
RT: 12.492 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM039704.D
Acq: 27 Apr 2023 12:24

Tgt Ion:142 Resp: 34420
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2

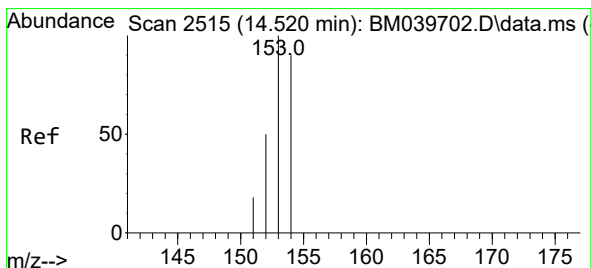
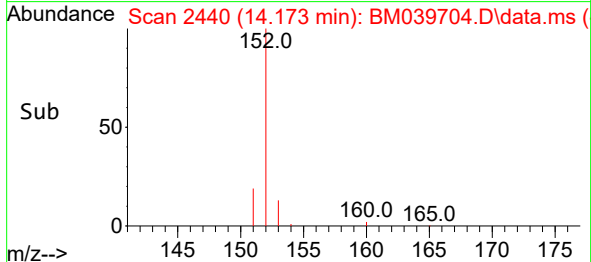
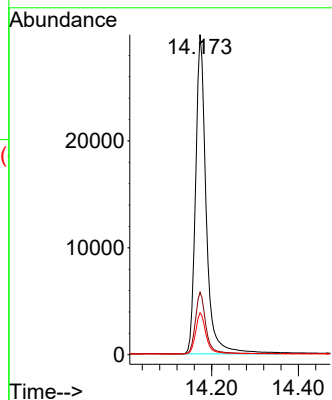
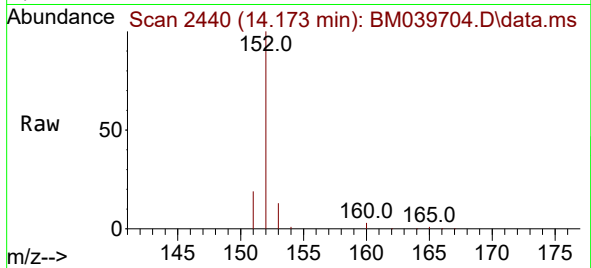




#10
Acenaphthylene
Concen: 1.552 ng/ul
RT: 14.173 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BM039704.D
Acq: 27 Apr 2023 12:24

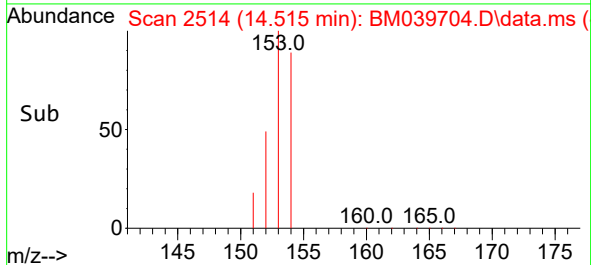
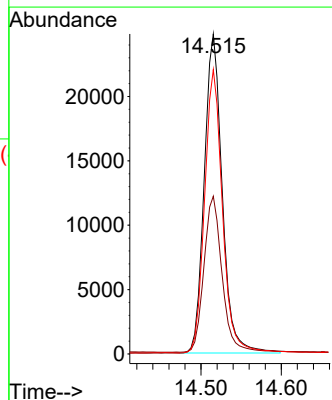
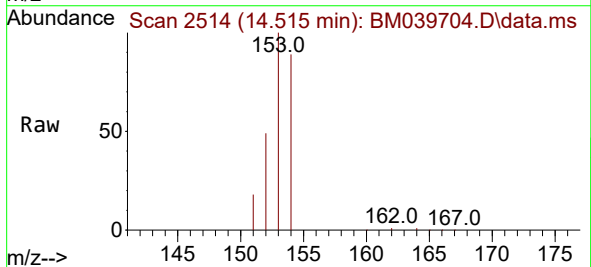
Instrument :
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ClientSampleId :
SSTD1.6026

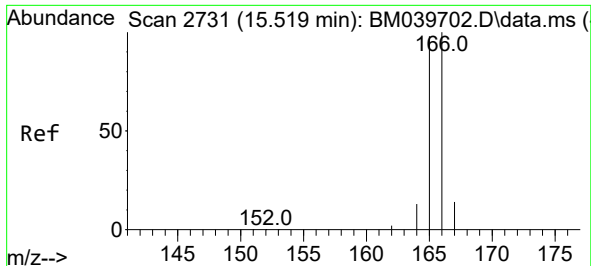
Tgt Ion:152 Resp: 50761
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.1 11.2 16.8



#11
Acenaphthene
Concen: 1.500 ng/ul
RT: 14.515 min Scan# 2514
Delta R.T. -0.005 min
Lab File: BM039704.D
Acq: 27 Apr 2023 12:24

Tgt Ion:153 Resp: 38547
Ion Ratio Lower Upper
153 100
152 49.3 40.6 61.0
154 88.8 71.9 107.9

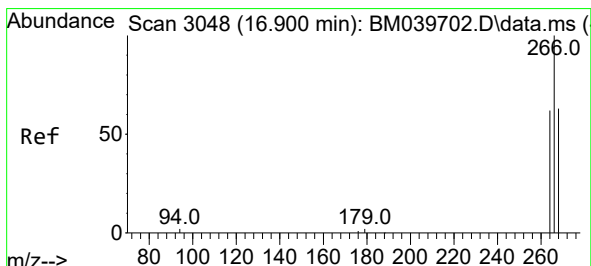
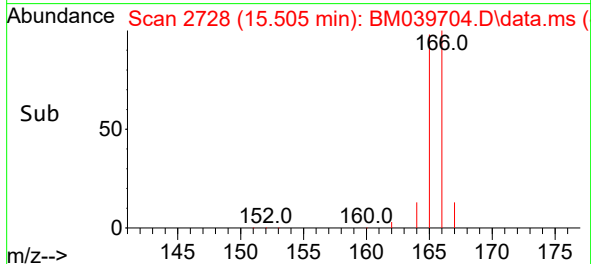
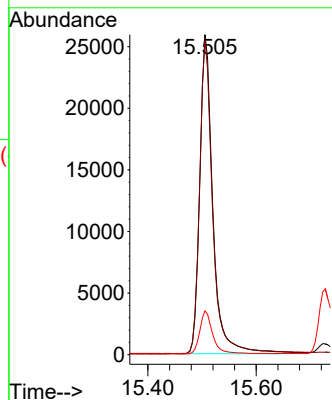
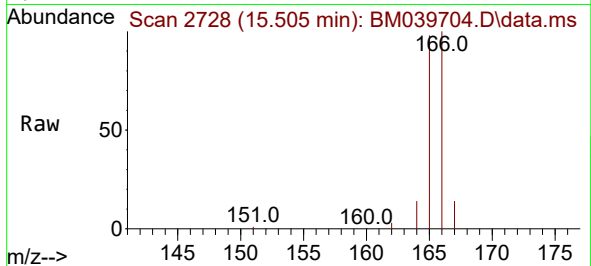




#12
Fluorene
Concen: 1.523 ng/ul
RT: 15.505 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM039704.D
Acq: 27 Apr 2023 12:24

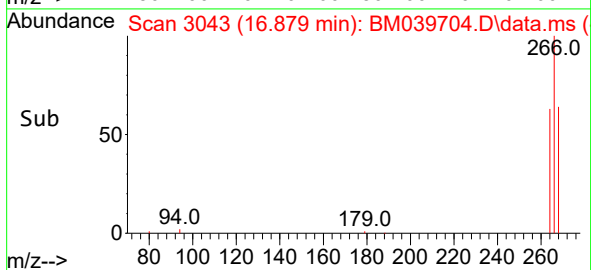
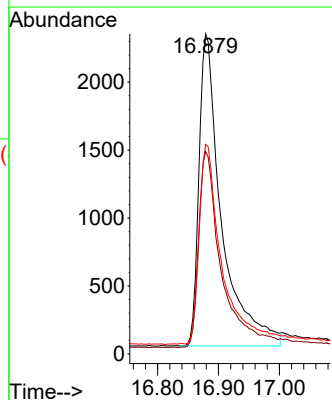
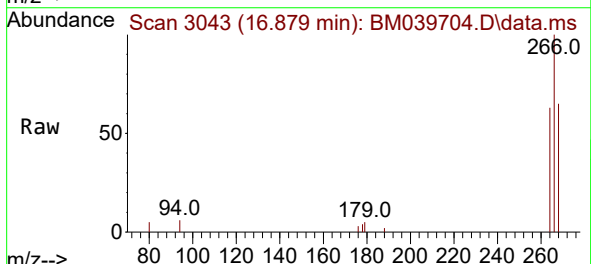
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

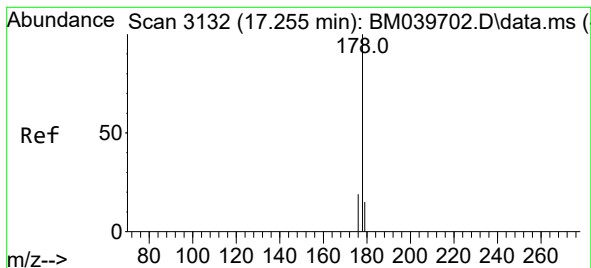
Tgt Ion:166 Resp: 43416
Ion Ratio Lower Upper
166 100
165 98.2 79.0 118.6
167 13.7 11.8 17.6



#14
Pentachlorophenol
Concen: 1.625 ng/ul
RT: 16.879 min Scan# 3043
Delta R.T. -0.021 min
Lab File: BM039704.D
Acq: 27 Apr 2023 12:24

Tgt Ion:266 Resp: 5935
Ion Ratio Lower Upper
266 100
264 63.6 48.8 73.2
268 64.6 50.4 75.6





#15

Phenanthrene

Concen: 1.504 ng/ul

RT: 17.246 min Scan# 3130

Delta R.T. -0.009 min

Lab File: BM039704.D

Acq: 27 Apr 2023 12:24

Instrument :

BNA_M

ClientSampleId :

SSTD1.6026

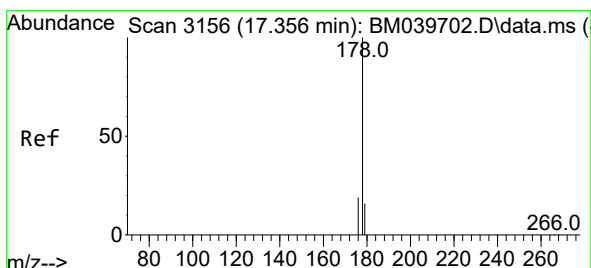
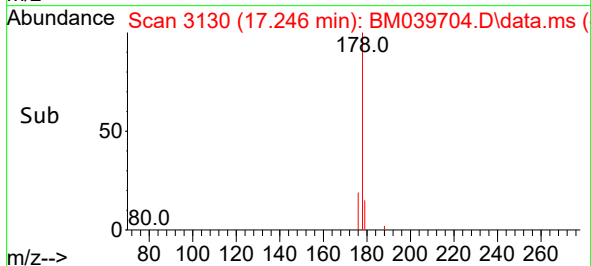
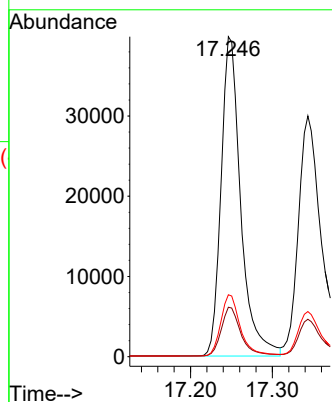
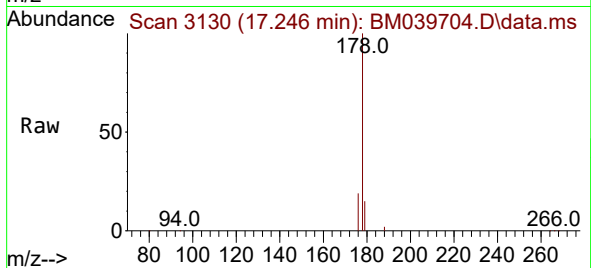
Tgt Ion:178 Resp: 66404

Ion Ratio Lower Upper

178 100

179 15.5 13.0 19.6

176 19.3 15.8 23.8



#16

Anthracene

Concen: 1.571 ng/ul

RT: 17.343 min Scan# 3153

Delta R.T. -0.013 min

Lab File: BM039704.D

Acq: 27 Apr 2023 12:24

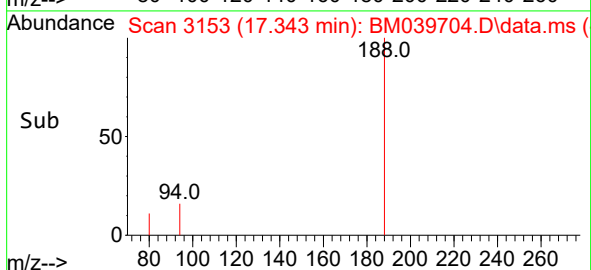
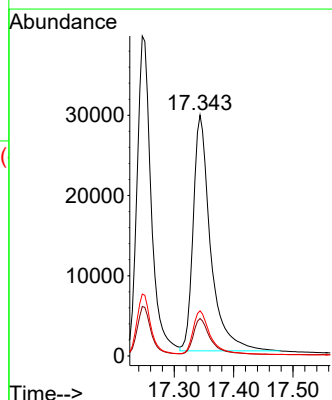
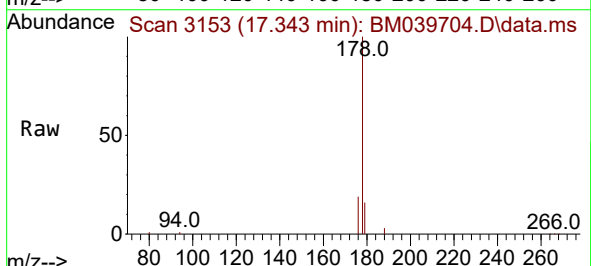
Tgt Ion:178 Resp: 59547

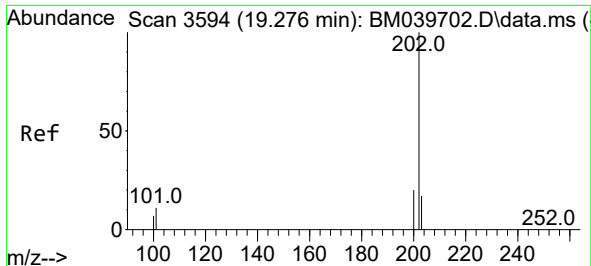
Ion Ratio Lower Upper

178 100

179 15.6 13.8 20.6

176 18.7 15.8 23.8

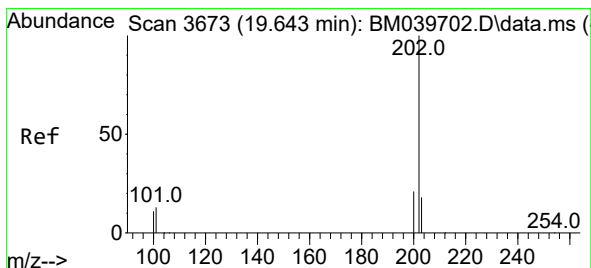
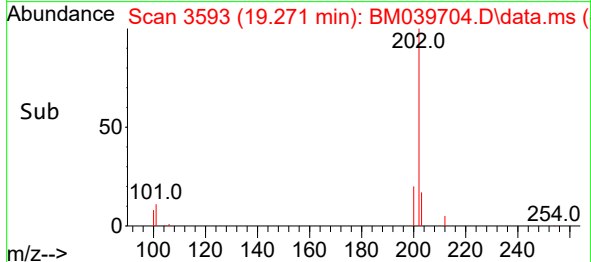
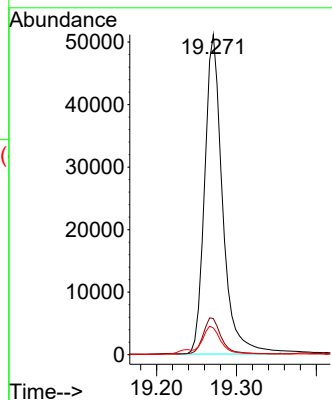
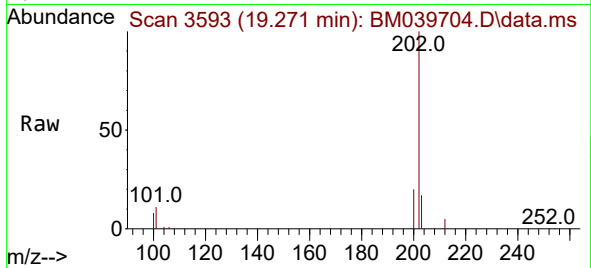




#19
Fluoranthene
Concen: 1.462 ng/ul
RT: 19.271 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BM039704.D
Acq: 27 Apr 2023 12:24

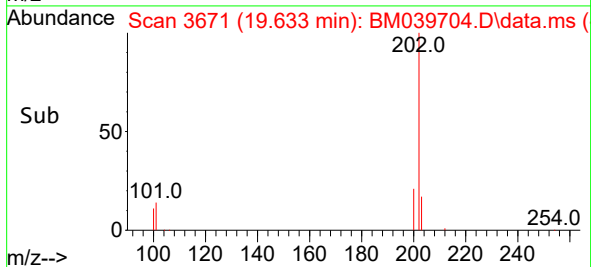
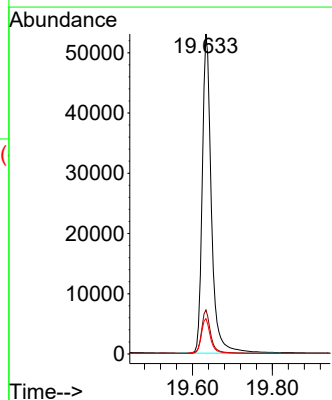
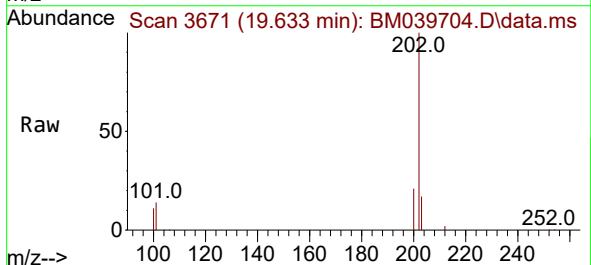
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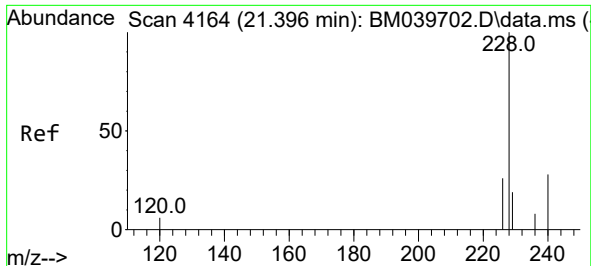
Tgt Ion:202 Resp: 79333
Ion Ratio Lower Upper
202 100
101 11.3 9.8 14.8
100 8.3 7.3 10.9



#20
Pyrene
Concen: 1.437 ng/ul
RT: 19.633 min Scan# 3671
Delta R.T. -0.009 min
Lab File: BM039704.D
Acq: 27 Apr 2023 12:24

Tgt Ion:202 Resp: 84225
Ion Ratio Lower Upper
202 100
101 13.8 10.9 16.3
100 11.1 8.9 13.3

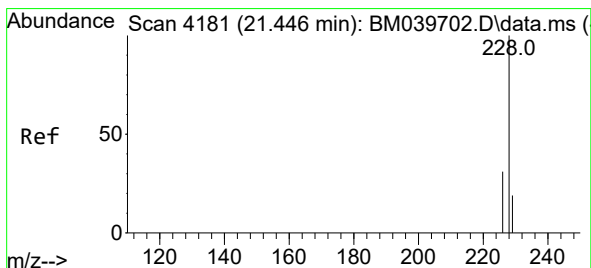
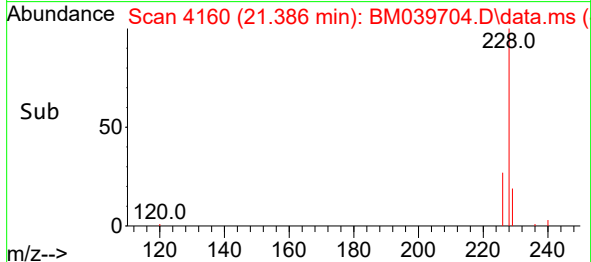
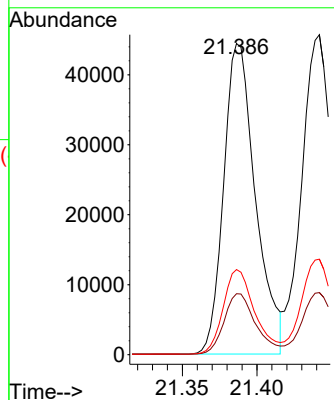
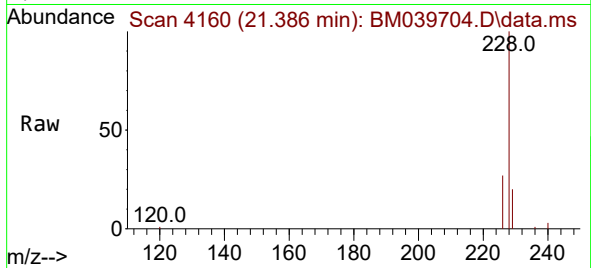




#21
Benzo(a)anthracene
Concen: 1.505 ng/ul
RT: 21.386 min Scan# 4160
Delta R.T. -0.010 min
Lab File: BM039704.D
Acq: 27 Apr 2023 12:24

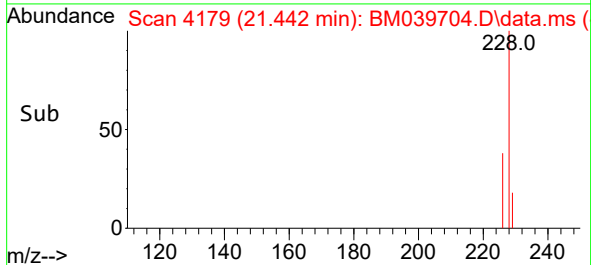
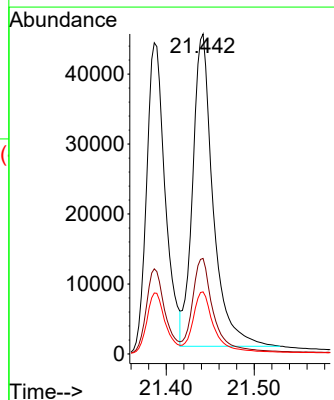
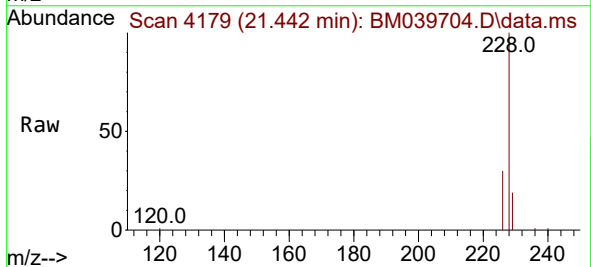
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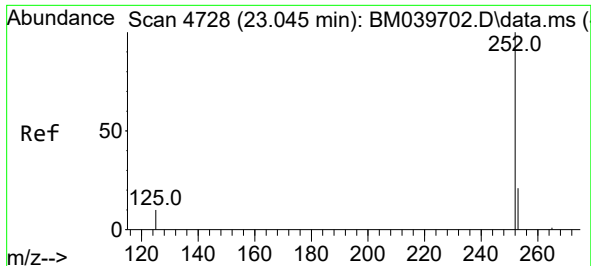
Tgt Ion:228 Resp: 65831
Ion Ratio Lower Upper
228 100
229 19.6 16.2 24.2
226 27.3 21.6 32.4



#22
Chrysene
Concen: 1.460 ng/ul
RT: 21.442 min Scan# 4179
Delta R.T. -0.004 min
Lab File: BM039704.D
Acq: 27 Apr 2023 12:24

Tgt Ion:228 Resp: 72276
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 19.4 15.9 23.9

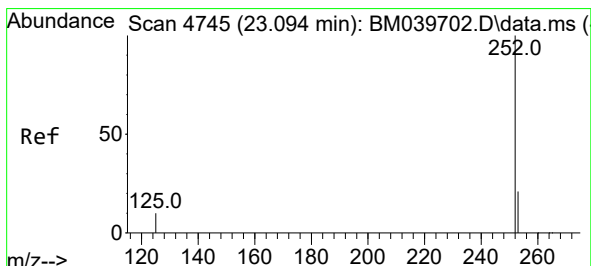
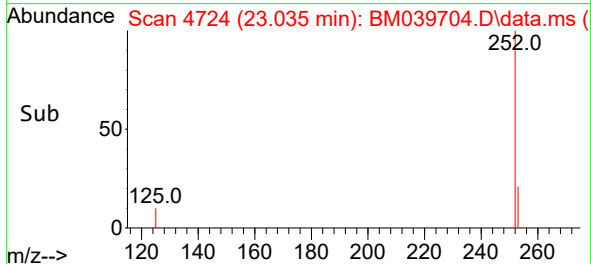
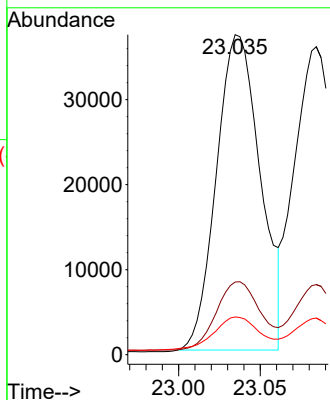
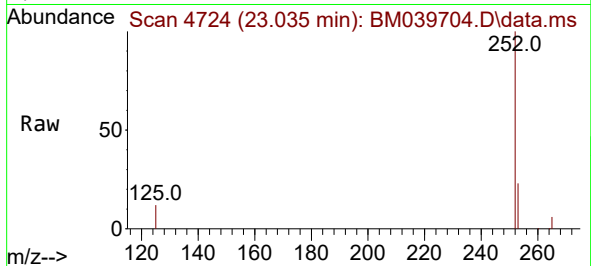




#24
Benzo(b)fluoranthene
Concen: 1.625 ng/ul
RT: 23.035 min Scan# 4724
Delta R.T. -0.010 min
Lab File: BM039704.D
Acq: 27 Apr 2023 12:24

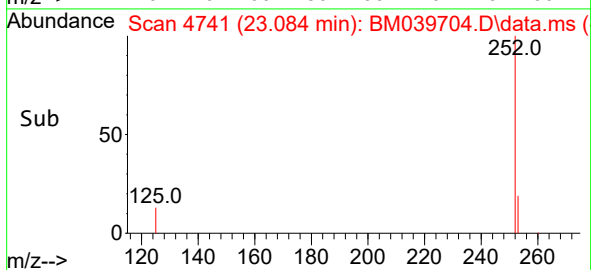
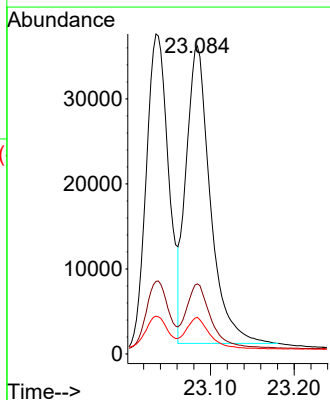
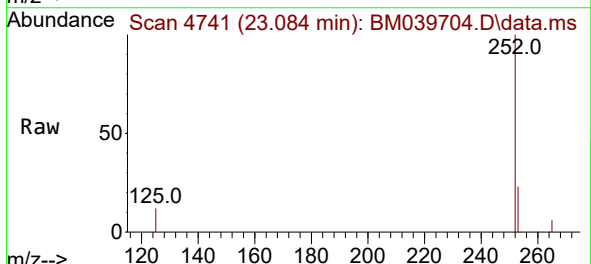
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

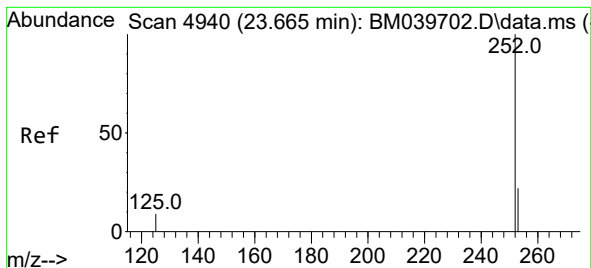
Tgt Ion:252 Resp: 69450
Ion Ratio Lower Upper
252 100
253 22.7 0.0 52.8
125 11.8 0.0 31.6



#25
Benzo(k)fluoranthene
Concen: 1.622 ng/ul
RT: 23.084 min Scan# 4741
Delta R.T. -0.010 min
Lab File: BM039704.D
Acq: 27 Apr 2023 12:24

Tgt Ion:252 Resp: 70561
Ion Ratio Lower Upper
252 100
253 22.7 21.3 31.9
125 11.9 13.0 19.6#





#26

Benzo(a)pyrene

Concen: 1.602 ng/ul

RT: 23.651 min Scan# 4940

Delta R.T. -0.013 min

Lab File: BM039704.D

Acq: 27 Apr 2023 12:24

Instrument :

BNA_M

ClientSampleId :

SSTD1.6026

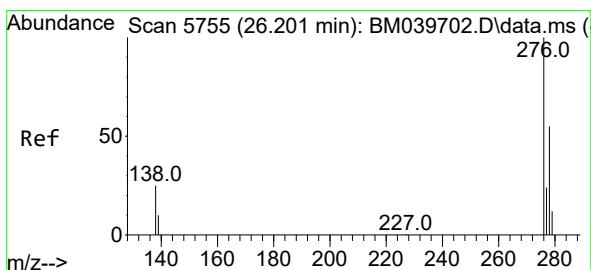
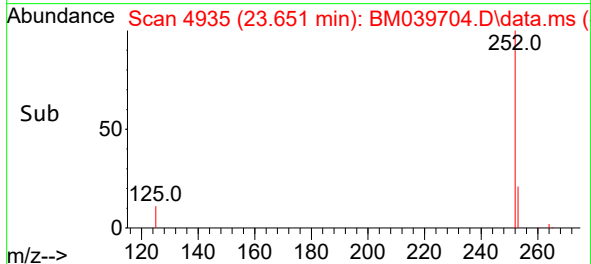
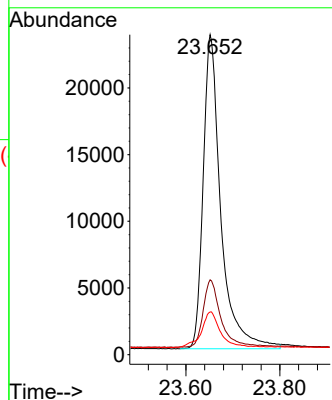
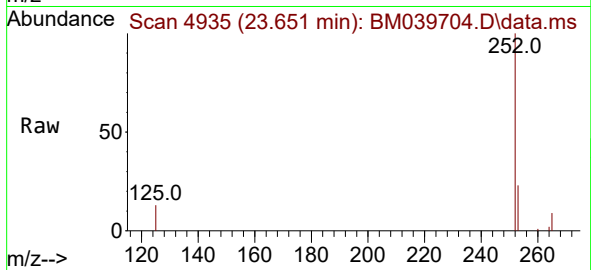
Tgt Ion:252 Resp: 61460

Ion Ratio Lower Upper

252 100

253 23.4 24.7 37.1#

125 13.3 16.5 24.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.570 ng/ul

RT: 26.182 min Scan# 5749

Delta R.T. -0.019 min

Lab File: BM039704.D

Acq: 27 Apr 2023 12:24

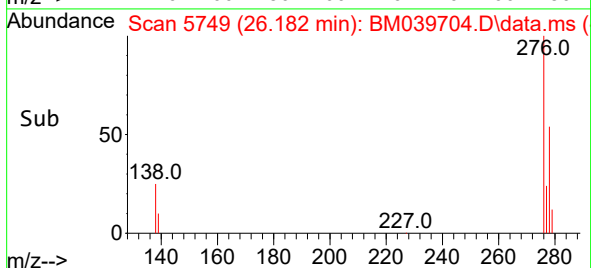
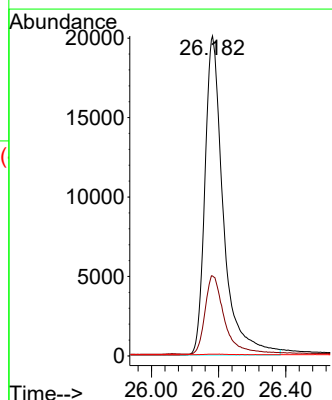
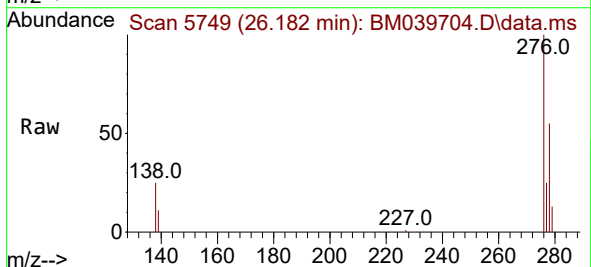
Tgt Ion:276 Resp: 76175

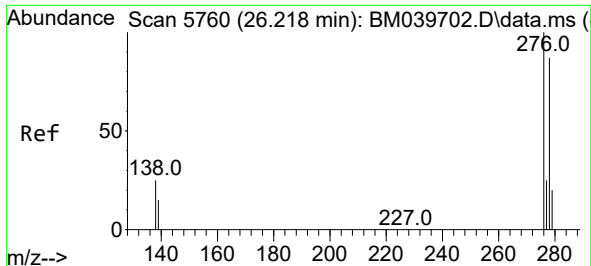
Ion Ratio Lower Upper

276 100

138 26.2 21.1 31.7

227 0.0 0.1 0.1#

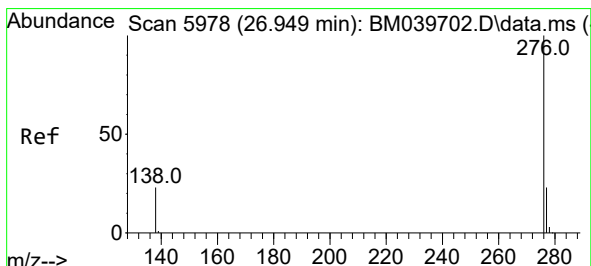
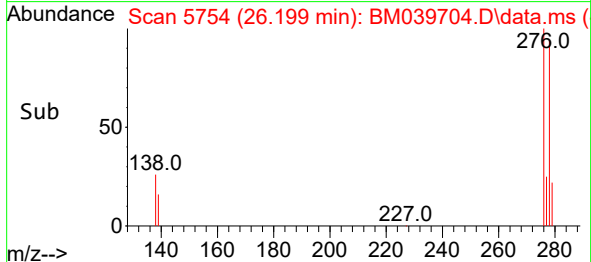
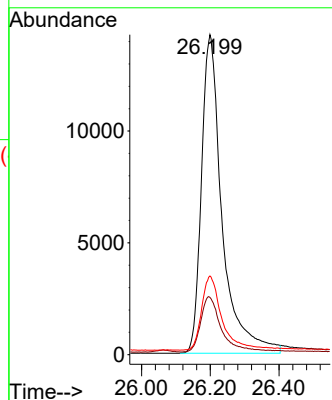
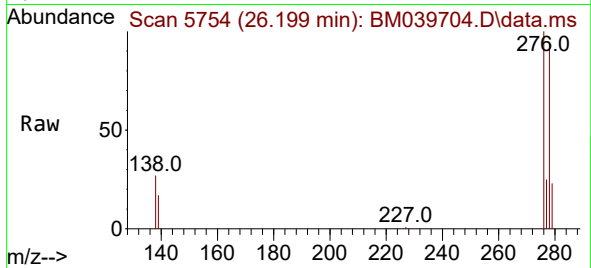




#28
Dibenzo(a,h)anthracene
Concen: 1.579 ng/ul
RT: 26.199 min Scan# 51
Delta R.T. -0.019 min
Lab File: BM039704.D
Acq: 27 Apr 2023 12:24

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Tgt Ion:278 Resp: 59479
Ion Ratio Lower Upper
278 100
139 17.9 17.0 25.6
279 24.6 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 1.537 ng/ul
RT: 26.930 min Scan# 5972
Delta R.T. -0.019 min
Lab File: BM039704.D
Acq: 27 Apr 2023 12:24

Tgt Ion:276 Resp: 64965
Ion Ratio Lower Upper
276 100
138 23.6 20.1 30.1
277 24.0 20.1 30.1

