

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039706.D
 Acq On : 27 Apr 2023 13:36
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV028

Quant Time: Apr 27 22:47:25 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 22:46:26 2023
 Response via : Initial Calibration

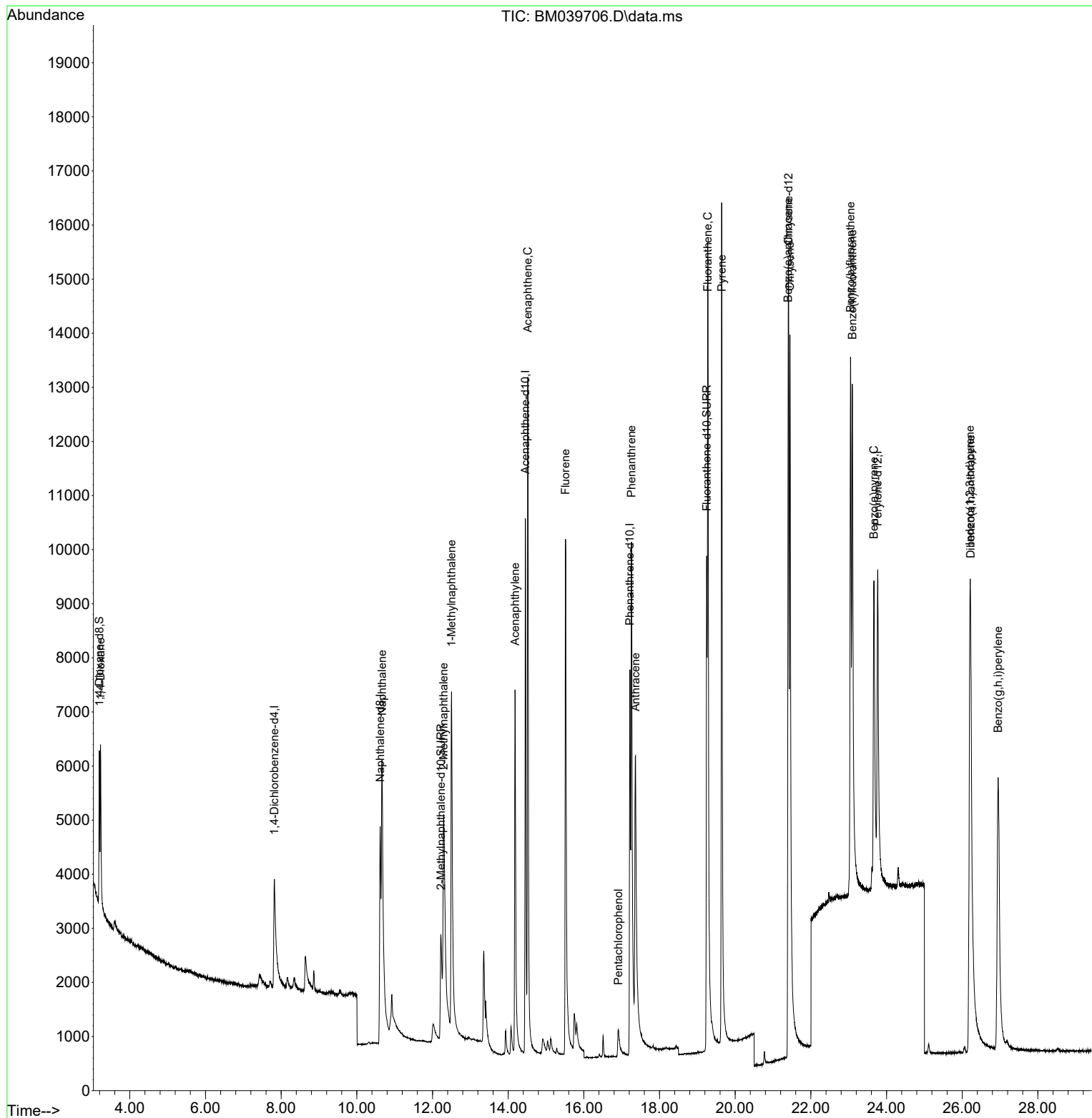
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	2815	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	10951	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.455	164	6392	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.217	188	11748	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	10822	0.400	ng/ul	0.00
23) Perylene-d12	23.767	264	10035	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	1918	0.462	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	6462	0.460	ng/ul	0.00
18) Fluoranthene-d10	19.248	212	14000	0.481	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.227	88	1948	0.453	ng/ul#	67
5) Naphthalene	10.667	128	12540	0.456	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	7122	0.449	ng/ul	100
8) 1-Methylnaphthalene	12.503	142	6841	0.402	ng/ul	100
10) Acenaphthylene	14.182	152	11190	0.452	ng/ul	99
11) Acenaphthene	14.520	153	8751	0.450	ng/ul	99
12) Fluorene	15.515	166	9448	0.438	ng/ul	99
14) Pentachlorophenol	16.909	266	833	0.325	ng/ul	98
15) Phenanthrene	17.259	178	13896	0.449	ng/ul	99
16) Anthracene	17.365	178	11016	0.415	ng/ul	99
19) Fluoranthene	19.276	202	16753	0.434	ng/ul	99
20) Pyrene	19.643	202	18540	0.445	ng/ul	99
21) Benzo(a)anthracene	21.399	228	12398	0.398	ng/ul	100
22) Chrysene	21.449	228	15890	0.451	ng/ul	99
24) Benzo(b)fluoranthene	23.048	252	15010	0.426	ng/ul	98
25) Benzo(k)fluoranthene	23.095	252	15393	0.429	ng/ul	98
26) Benzo(a)pyrene	23.665	252	13724	0.434	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.204	276	17537	0.438	ng/ul	99
28) Dibenzo(a,h)anthracene	26.221	278	13461	0.433	ng/ul	99
29) Benzo(g,h,i)perylene	26.949	276	15607	0.448	ng/ul	99

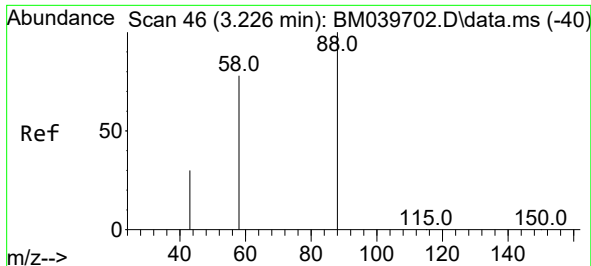
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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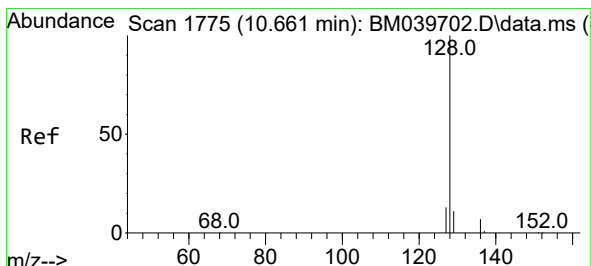
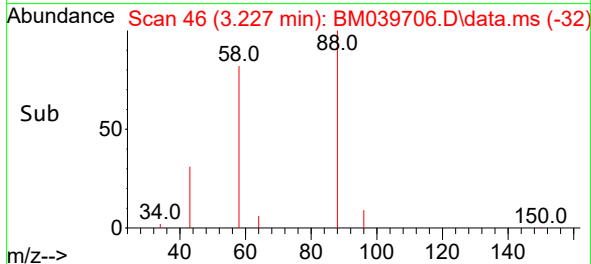
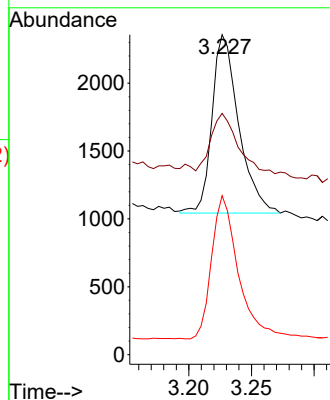
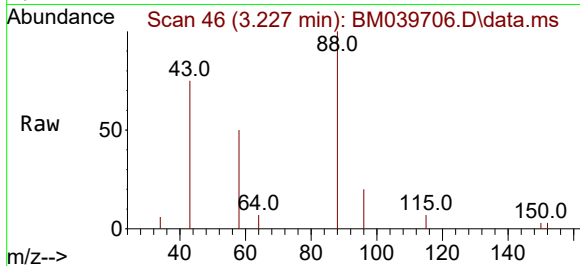




#2
1,4-Dioxane
Concen: 0.453 ng/ul
RT: 3.227 min Scan# 46
Delta R.T. 0.000 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

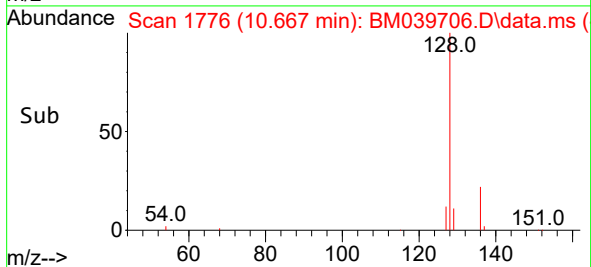
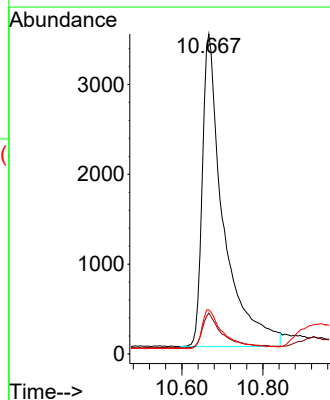
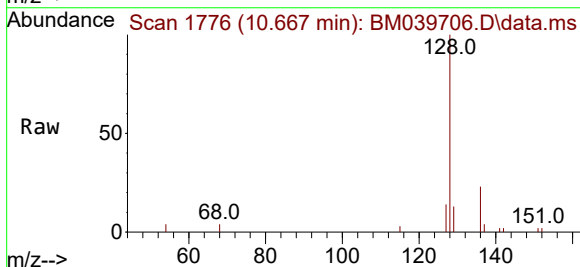
Instrument :
BNA_M
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SICV028

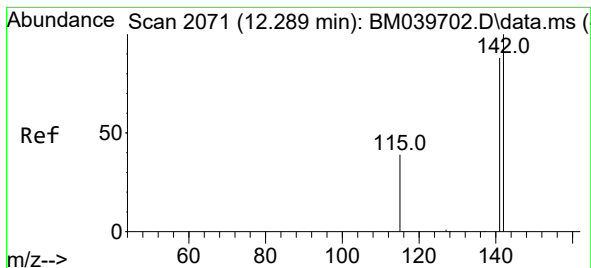
Tgt Ion: 88 Resp: 1948
Ion Ratio Lower Upper
88 100
43 75.4 102.6 153.8#
58 49.7 40.6 61.0



#5
Naphthalene
Concen: 0.456 ng/ul
RT: 10.667 min Scan# 1776
Delta R.T. 0.006 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

Tgt Ion: 128 Resp: 12540
Ion Ratio Lower Upper
128 100
129 12.8 9.8 14.6
127 13.8 11.1 16.7

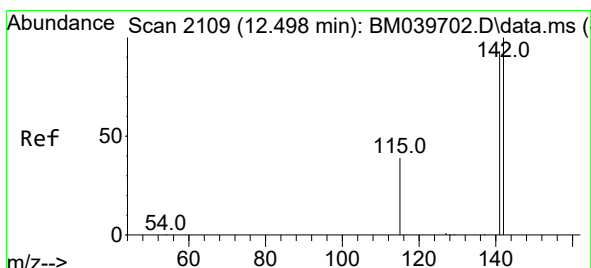
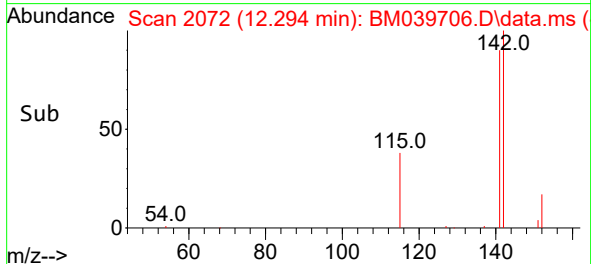
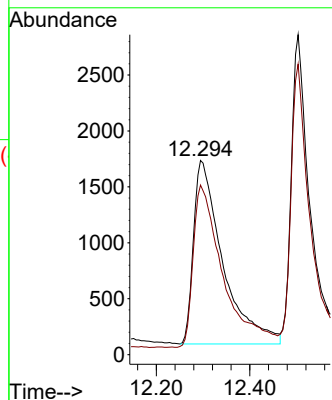
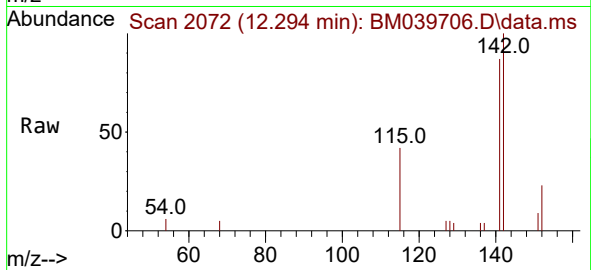




#7
2-Methylnaphthalene
Concen: 0.449 ng/ul
RT: 12.294 min Scan# 2071
Delta R.T. 0.006 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

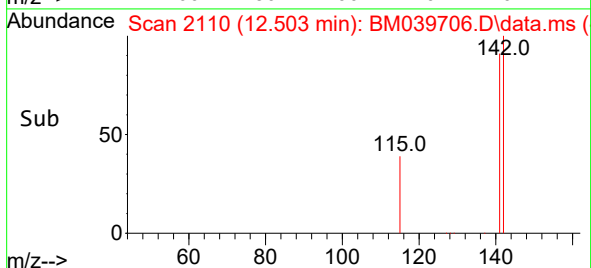
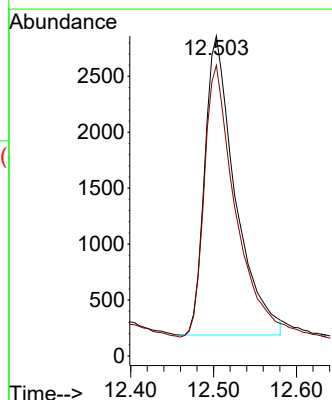
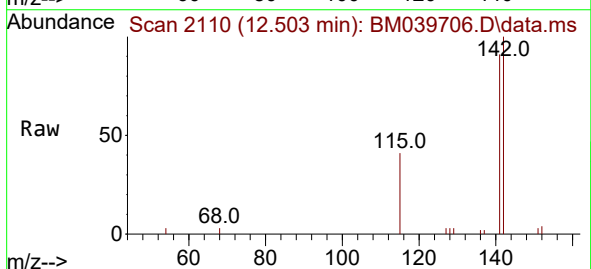
Instrument :
BNA_M
ClientSampleId :
SICV028

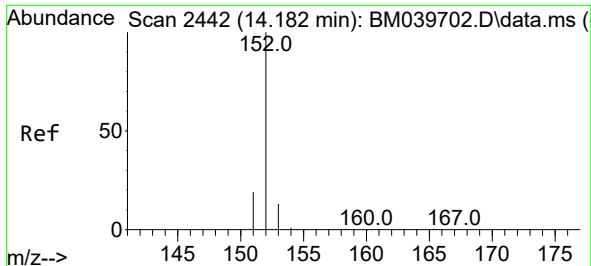
Tgt Ion:142 Resp: 7122
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.503 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

Tgt Ion:142 Resp: 6841
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.2

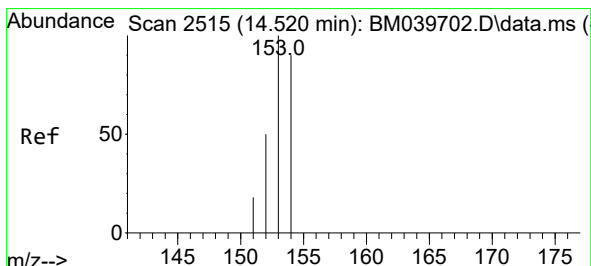
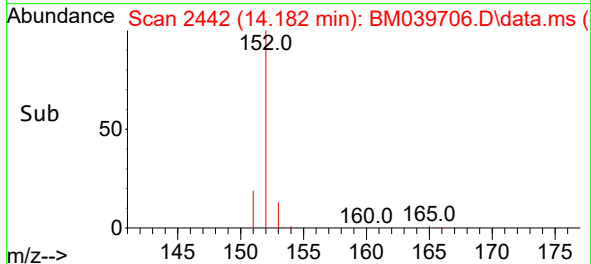
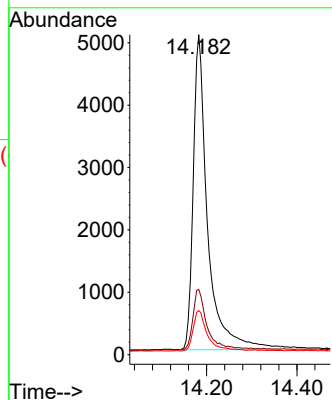
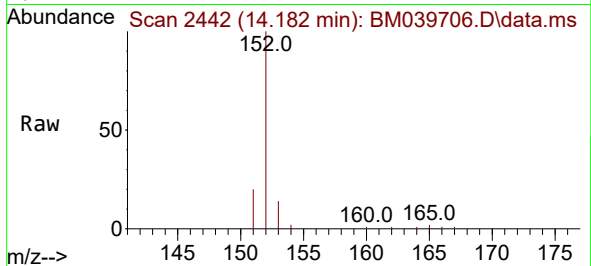




#10
Acenaphthylene
Concen: 0.452 ng/ul
RT: 14.182 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

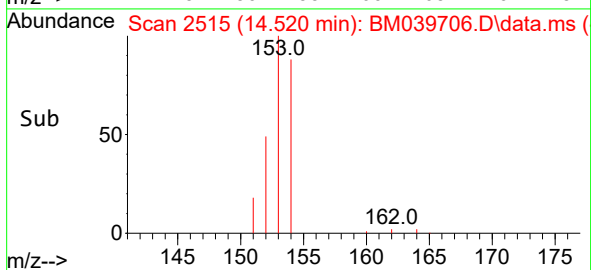
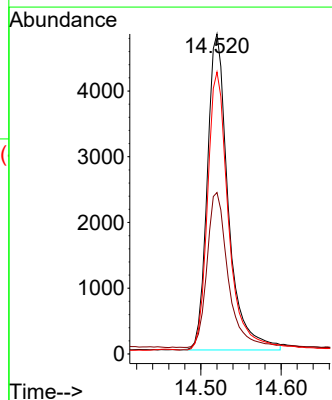
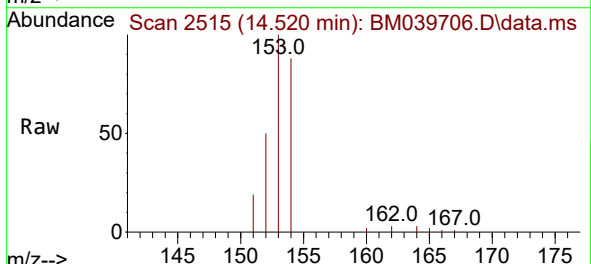
Instrument :
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ClientSampleId :
SICV028

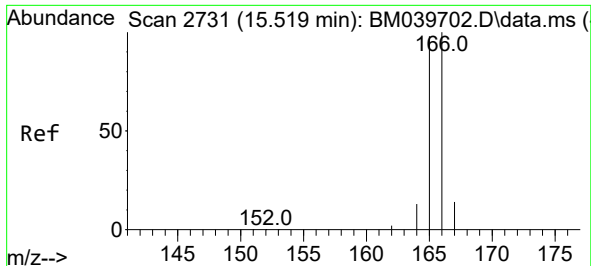
Tgt Ion:152	Resp:	11190
Ion Ratio	Lower	Upper
152	100	
151	20.4	16.0 24.0
153	13.8	11.2 16.8



#11
Acenaphthene
Concen: 0.450 ng/ul
RT: 14.520 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

Tgt Ion:153	Resp:	8751
Ion Ratio	Lower	Upper
153	100	
152	50.5	40.6 61.0
154	88.1	71.9 107.9

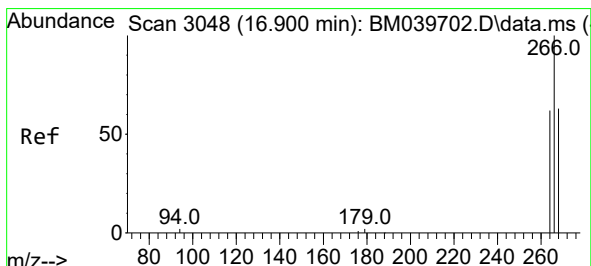
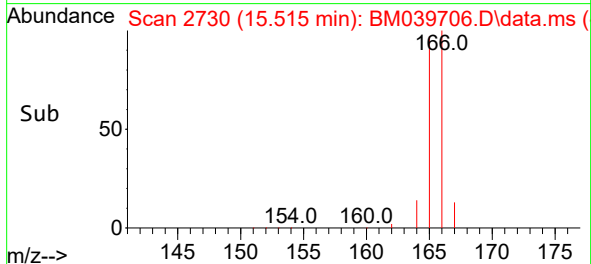
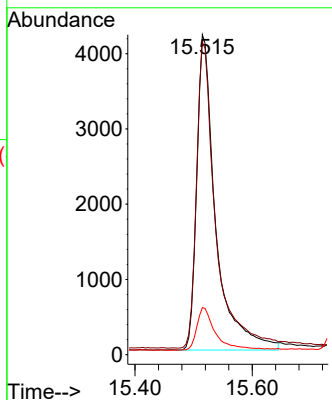
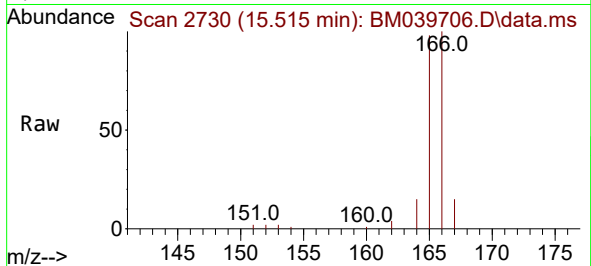




#12
Fluorene
Concen: 0.438 ng/ul
RT: 15.515 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

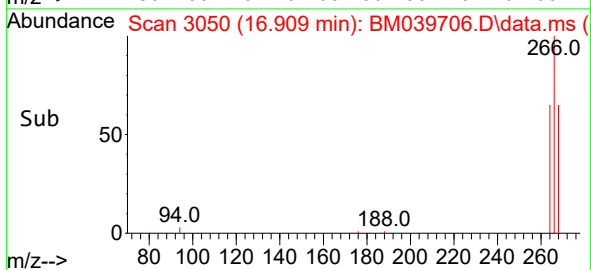
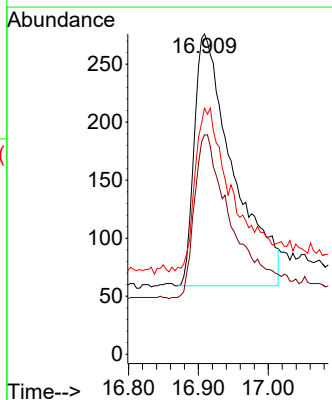
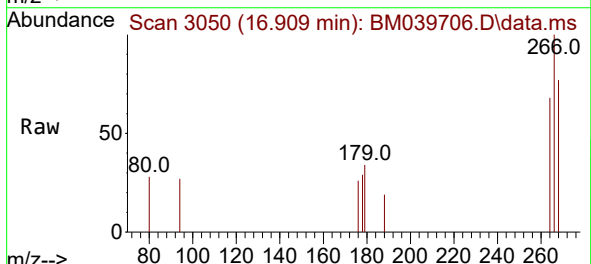
Instrument :
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ClientSampleId :
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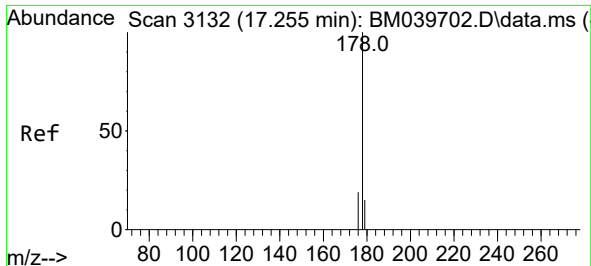
Tgt Ion:166 Resp: 9448
Ion Ratio Lower Upper
166 100
165 97.6 79.0 118.6
167 14.7 11.8 17.6



#14
Pentachlorophenol
Concen: 0.325 ng/ul
RT: 16.909 min Scan# 3050
Delta R.T. 0.009 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

Tgt Ion:266 Resp: 833
Ion Ratio Lower Upper
266 100
264 63.5 48.8 73.2
268 64.2 50.4 75.6

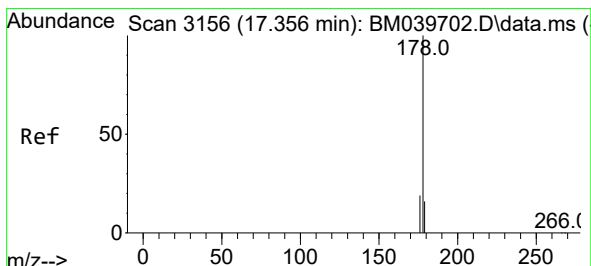
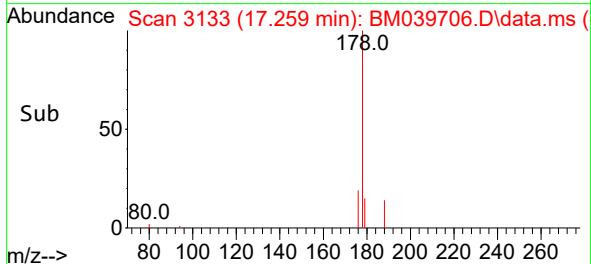
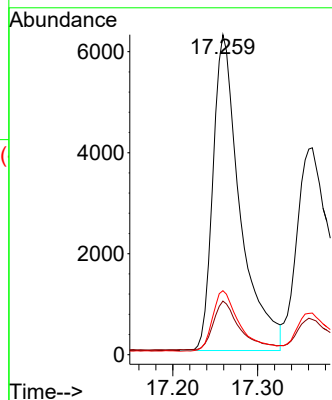
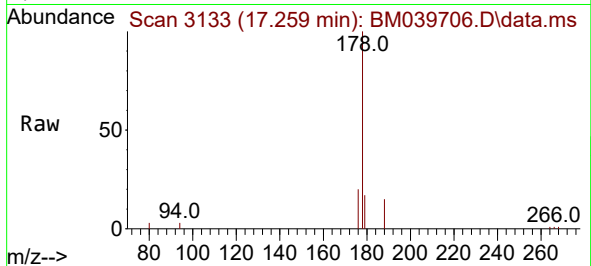




#15
Phenanthrene
Concen: 0.449 ng/ul
RT: 17.259 min Scan# 3133
Delta R.T. 0.004 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

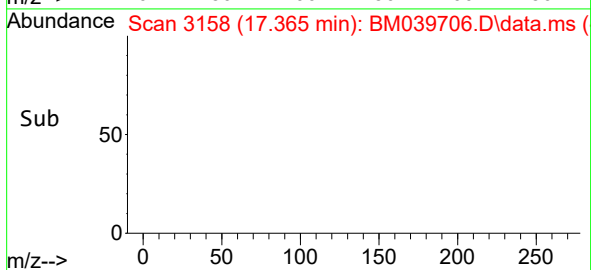
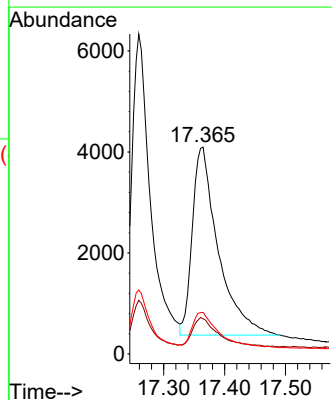
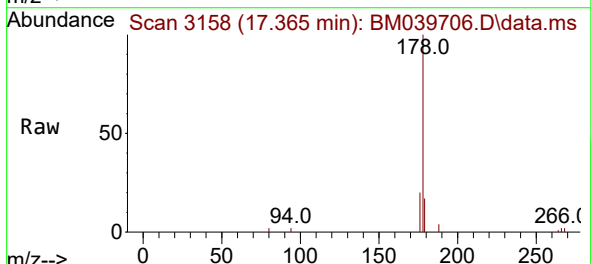
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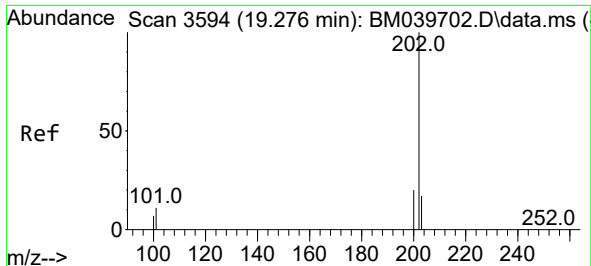
Tgt Ion:178 Resp: 13896
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.6
176 20.0 15.8 23.8



#16
Anthracene
Concen: 0.415 ng/ul
RT: 17.365 min Scan# 3158
Delta R.T. 0.009 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

Tgt Ion:178 Resp: 11016
Ion Ratio Lower Upper
178 100
179 17.0 13.8 20.6
176 20.1 15.8 23.8

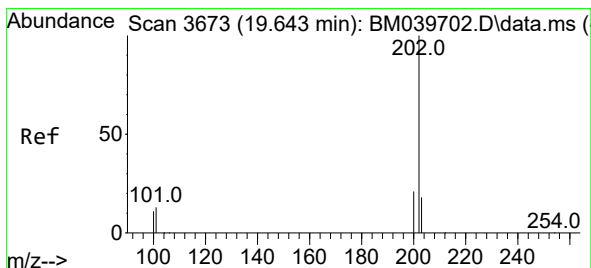
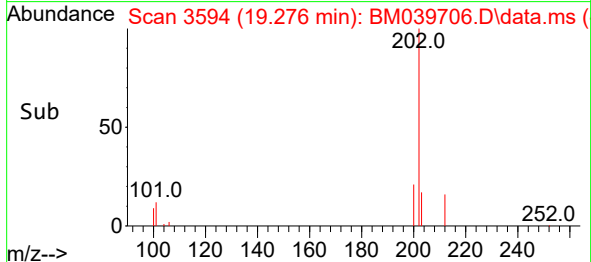
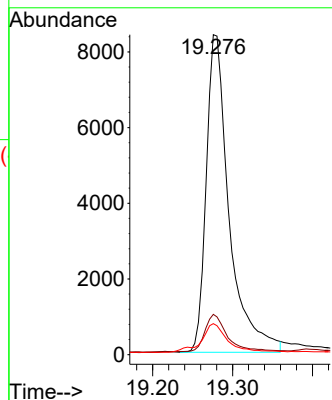
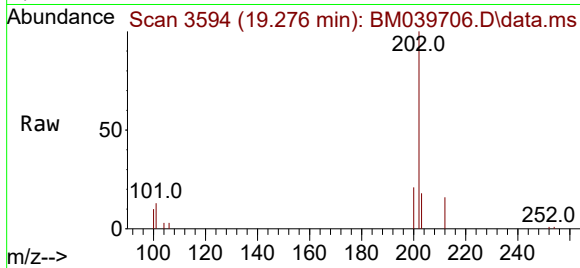




#19
Fluoranthene
Concen: 0.434 ng/ul
RT: 19.276 min Scan# 3594
Delta R.T. 0.000 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

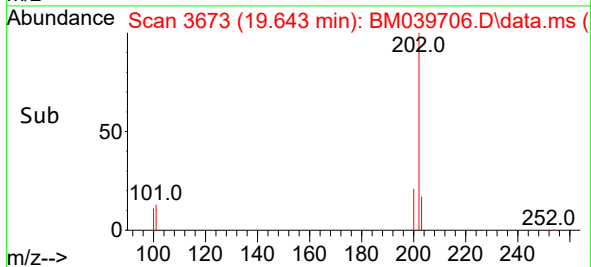
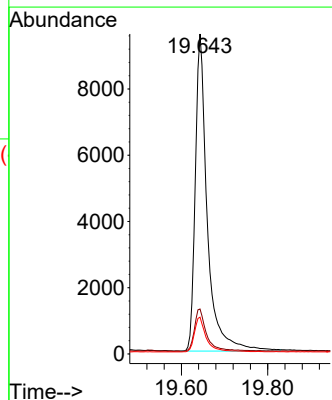
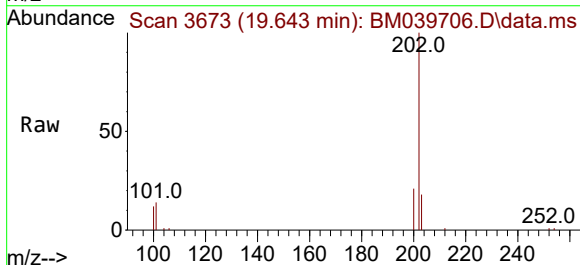
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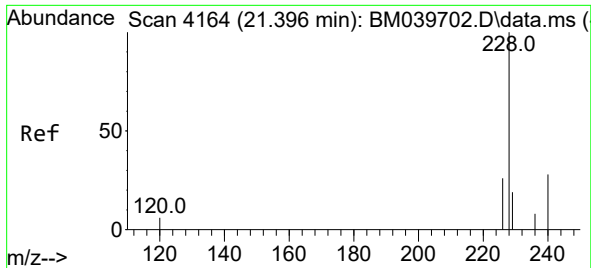
Tgt Ion:202 Resp: 16753
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.8
100 9.7 7.3 10.9



#20
Pyrene
Concen: 0.445 ng/ul
RT: 19.643 min Scan# 3673
Delta R.T. 0.000 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

Tgt Ion:202 Resp: 18540
Ion Ratio Lower Upper
202 100
101 14.0 10.9 16.3
100 11.5 8.9 13.3

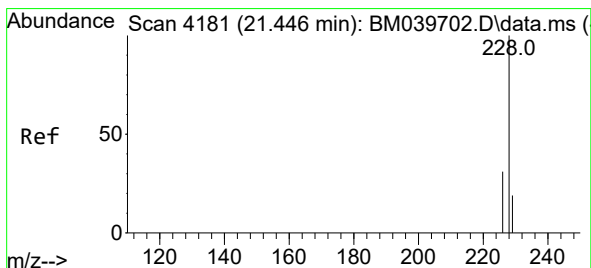
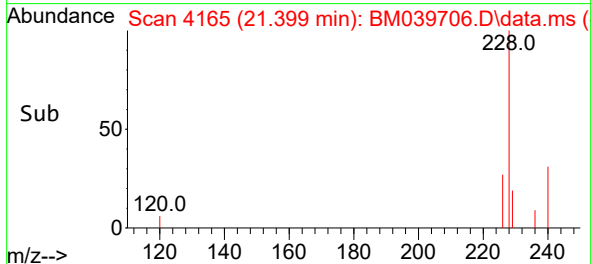
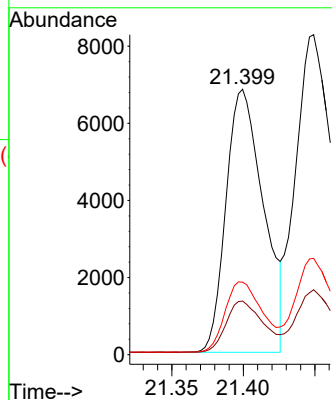
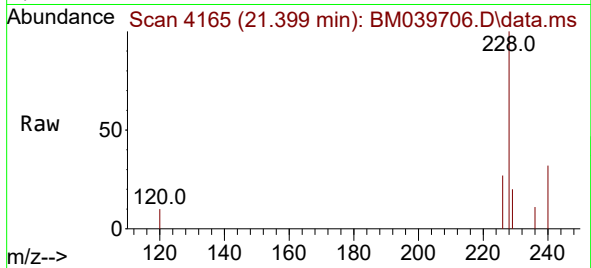




#21
Benzo(a)anthracene
Concen: 0.398 ng/ul
RT: 21.399 min Scan# 4165
Delta R.T. 0.003 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

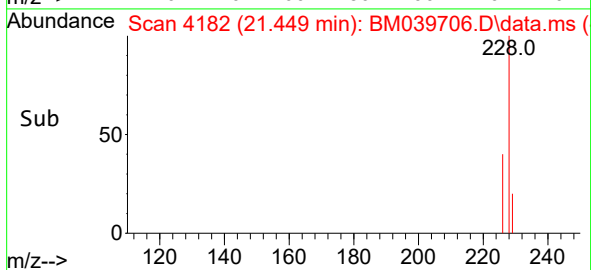
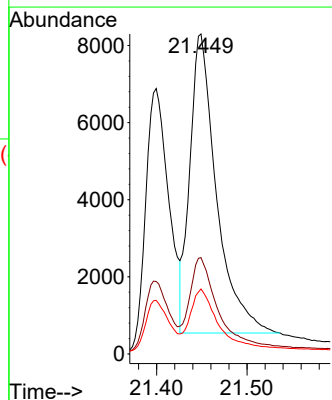
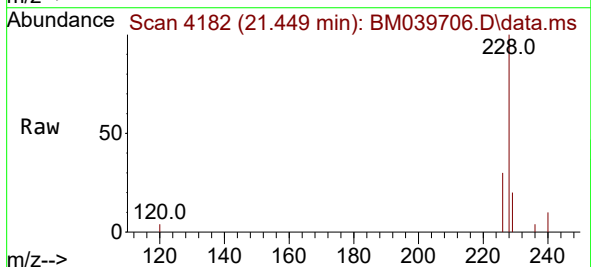
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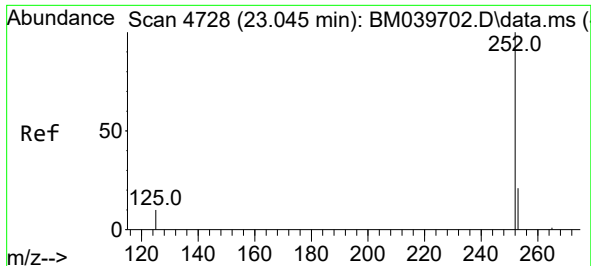
Tgt Ion:	228	Resp:	12398
Ion Ratio	Lower	Upper	
228	100		
229	20.2	16.2	24.2
226	27.3	21.6	32.4



#22
Chrysene
Concen: 0.451 ng/ul
RT: 21.449 min Scan# 4182
Delta R.T. 0.003 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

Tgt Ion:	228	Resp:	15890
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.3	36.5
229	20.3	15.9	23.9

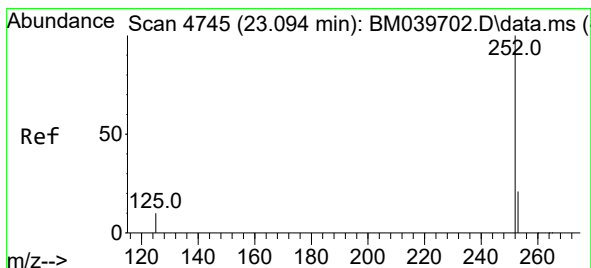
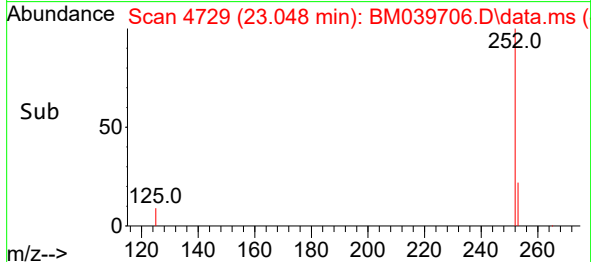
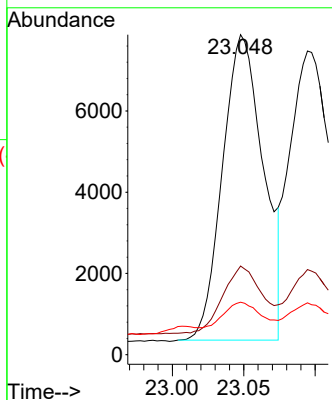
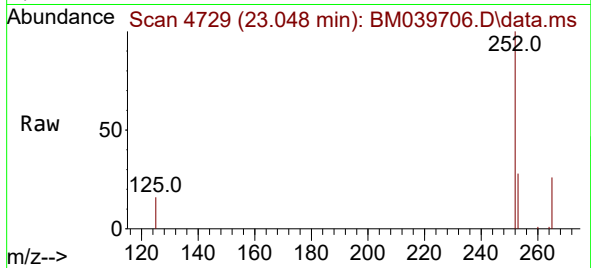




#24
Benzo(b)fluoranthene
Concen: 0.426 ng/ul
RT: 23.048 min Scan# 4729
Delta R.T. 0.003 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

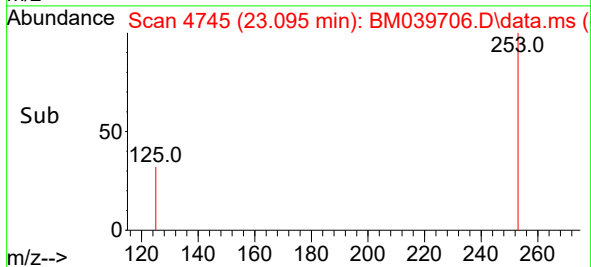
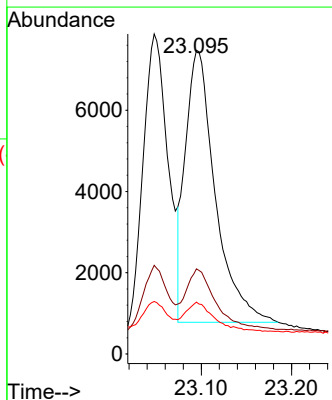
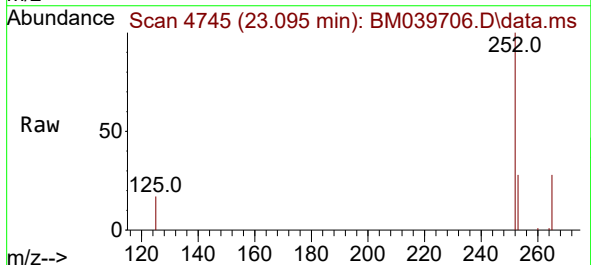
Instrument :
BNA_M
ClientSampleId :
SICV028

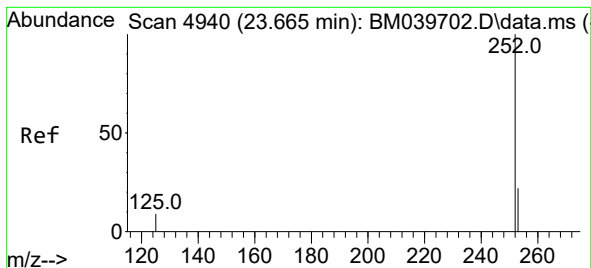
Tgt Ion:252 Resp: 15010
Ion Ratio Lower Upper
252 100
253 27.7 0.0 52.8
125 16.4 0.0 31.6



#25
Benzo(k)fluoranthene
Concen: 0.429 ng/ul
RT: 23.095 min Scan# 4745
Delta R.T. 0.000 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

Tgt Ion:252 Resp: 15393
Ion Ratio Lower Upper
252 100
253 28.0 21.3 31.9
125 17.1 13.0 19.6





#26

Benzo(a)pyrene

Concen: 0.434 ng/ul

RT: 23.665 min Scan# 4940

Delta R.T. 0.000 min

Lab File: BM039706.D

Acq: 27 Apr 2023 13:36

Instrument :

BNA_M

ClientSampleId :

SICV028

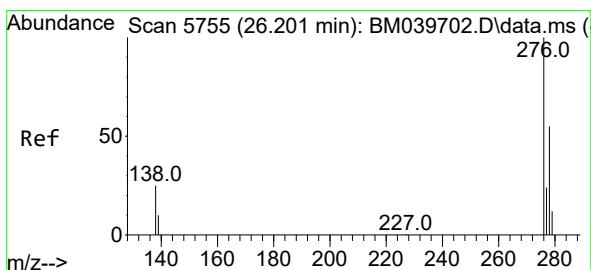
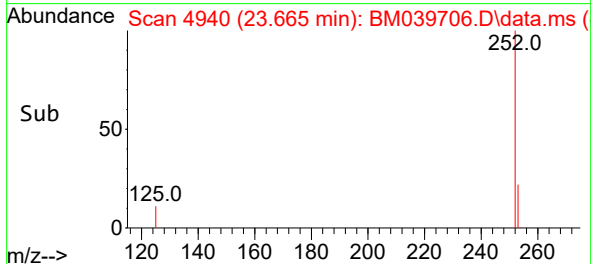
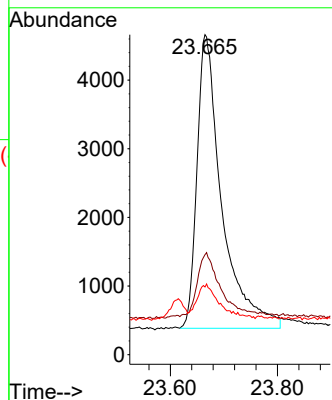
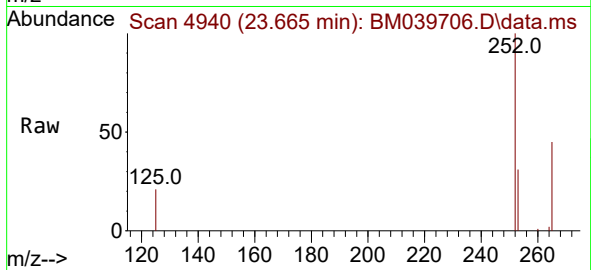
Tgt Ion:252 Resp: 13724

Ion Ratio Lower Upper

252 100

253 31.3 24.7 37.1

125 21.1 16.5 24.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.438 ng/ul

RT: 26.204 min Scan# 5756

Delta R.T. 0.003 min

Lab File: BM039706.D

Acq: 27 Apr 2023 13:36

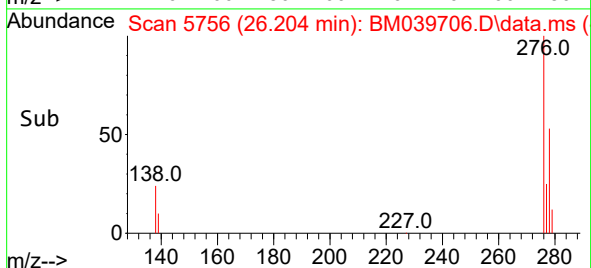
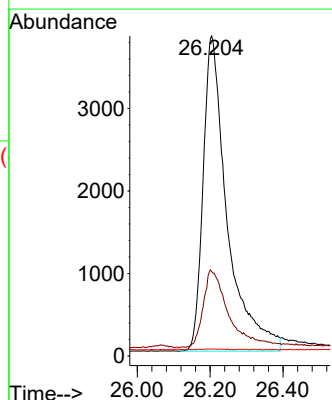
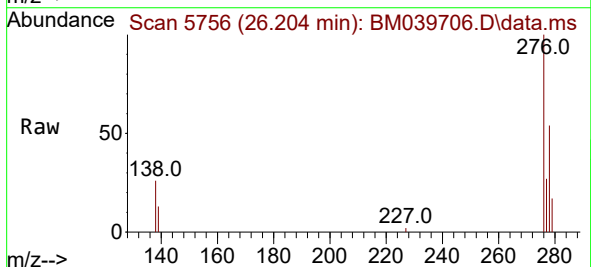
Tgt Ion:276 Resp: 17537

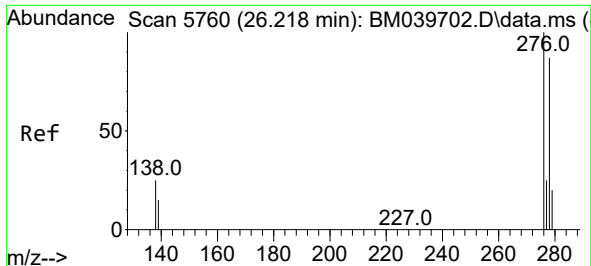
Ion Ratio Lower Upper

276 100

138 25.8 21.1 31.7

227 0.1 0.1 0.1

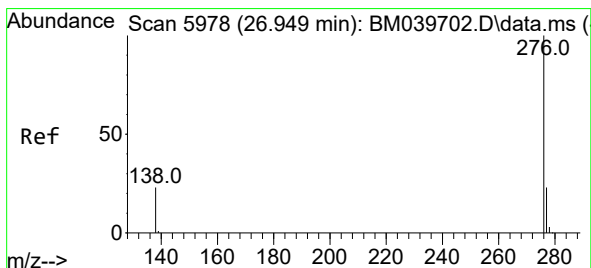
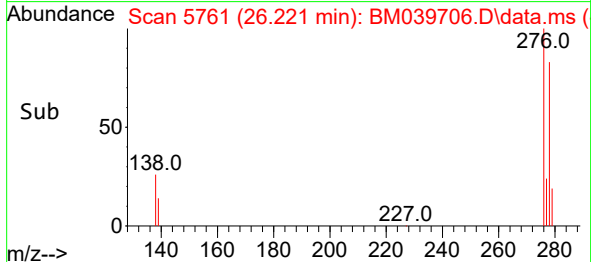
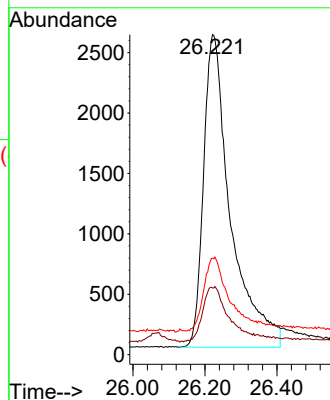
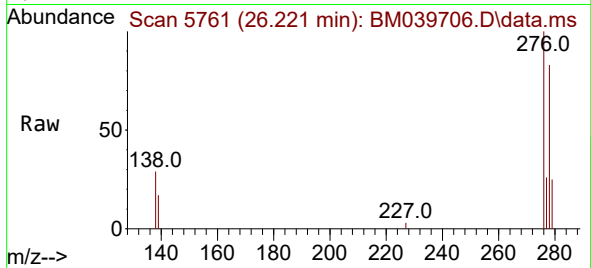




#28
Dibenzo(a,h)anthracene
Concen: 0.433 ng/ul
RT: 26.221 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:278 Resp: 13461
Ion Ratio Lower Upper
278 100
139 20.9 17.0 25.6
279 30.2 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.448 ng/ul
RT: 26.949 min Scan# 5978
Delta R.T. 0.000 min
Lab File: BM039706.D
Acq: 27 Apr 2023 13:36

Tgt Ion:276 Resp: 15607
Ion Ratio Lower Upper
276 100
138 25.4 20.1 30.1
277 25.7 20.1 30.1

