

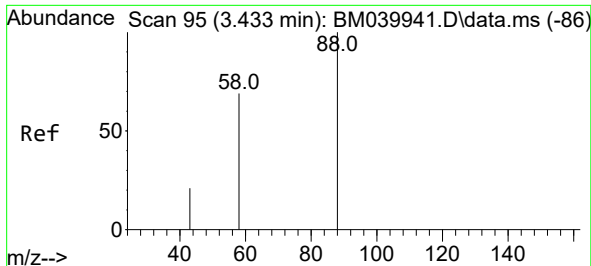
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051723\
 Data File : BM039945.D
 Acq On : 17 May 2023 18:22
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4106

Quant Time: May 18 03:14:36 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 17 01:47:11 2023
 Response via : Initial Calibration

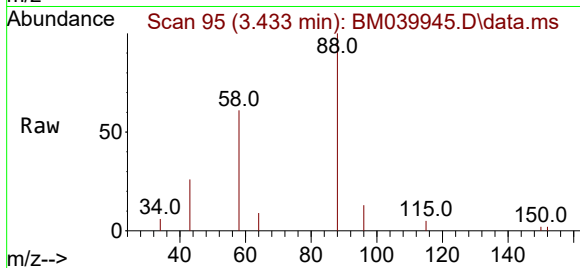
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.032	152	5850	0.400	ng/ul	0.00
4) Naphthalene-d8	10.843	136	16972	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.664	164	7413	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.403	188	14510	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	9378	0.400	ng/ul	0.00
23) Perylene-d12	24.033	264	11022	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	3490	0.483	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.426	152	9106	0.454	ng/ul	0.00
18) Fluoranthene-d10	19.425	212	12205	0.477	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.433	88	3677	0.477	ng/ul	98
5) Naphthalene	10.892	128	20657	0.470	ng/ul	100
7) 2-Methylnaphthalene	12.498	142	11585	0.453	ng/ul	100
8) 1-Methylnaphthalene	12.718	142	12147	0.453	ng/ul	99
10) Acenaphthylene	14.381	152	14021	0.458	ng/ul	99
11) Acenaphthene	14.724	153	12217	0.482	ng/ul	100
12) Fluorene	15.709	166	12845	0.477	ng/ul	99
14) Pentachlorophenol	17.056	266	958	0.370	ng/ul	98
15) Phenanthrene	17.445	178	19575	0.463	ng/ul	100
16) Anthracene	17.538	178	15225	0.441	ng/ul	99
19) Fluoranthene	19.457	202	18365	0.476	ng/ul	99
20) Pyrene	19.815	202	17992	0.471	ng/ul	99
21) Benzo(a)anthracene	21.560	228	13488	0.476	ng/ul	99
22) Chrysene	21.616	228	16887	0.498	ng/ul	99
24) Benzo(b)fluoranthene	23.285	252	18102	0.461	ng/ul	99
25) Benzo(k)fluoranthene	23.331	252	20486	0.474	ng/ul	100
26) Benzo(a)pyrene	23.922	252	15062	0.457	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.600	276	23409	0.495	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.620	278	19295	0.507	ng/ul	98
29) Benzo(g,h,i)perylene	27.378	276	20367	0.486	ng/ul	99

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



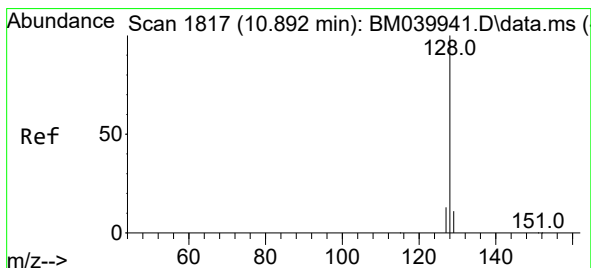
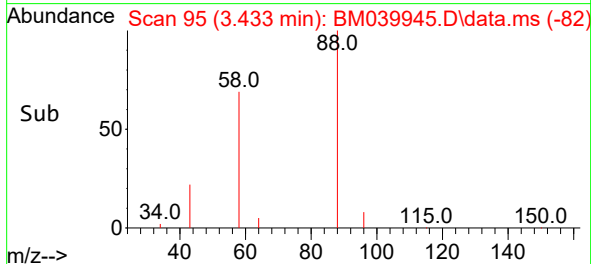
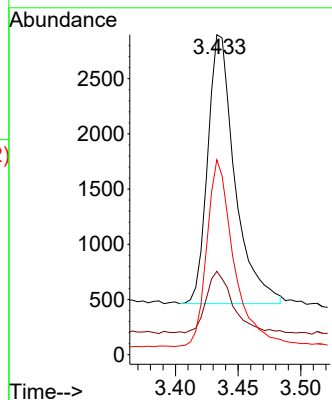
#2
1,4-Dioxane
Concen: 0.477 ng/ul
RT: 3.433 min Scan# 91
Delta R.T. -0.004 min
Lab File: BM039945.D
Acq: 17 May 2023 18:22

Instrument :
BNA_M
ClientSampleId :
SSTD0.4106



Tgt Ion: 88 Resp: 3677

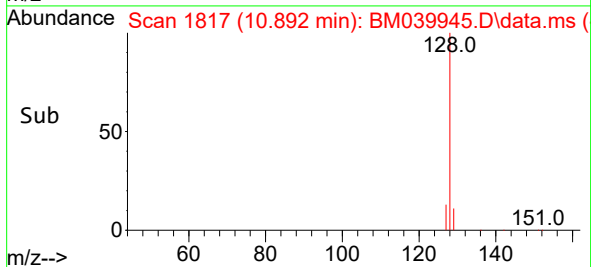
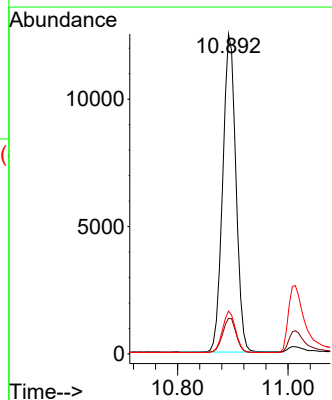
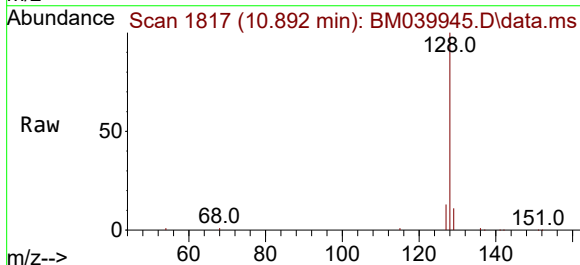
Ion	Ratio	Lower	Upper
88	100		
43	26.0	20.1	30.1
58	60.9	47.4	71.2

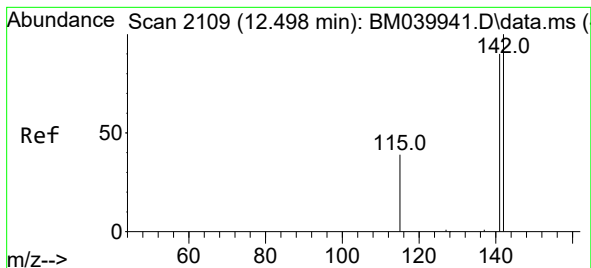


#5
Naphthalene
Concen: 0.470 ng/ul
RT: 10.892 min Scan# 1817
Delta R.T. -0.005 min
Lab File: BM039945.D
Acq: 17 May 2023 18:22

Tgt Ion: 128 Resp: 20657

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.4	10.5	15.7

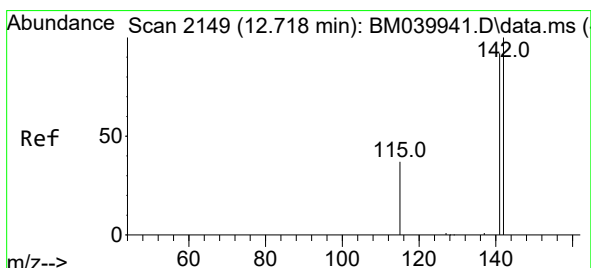
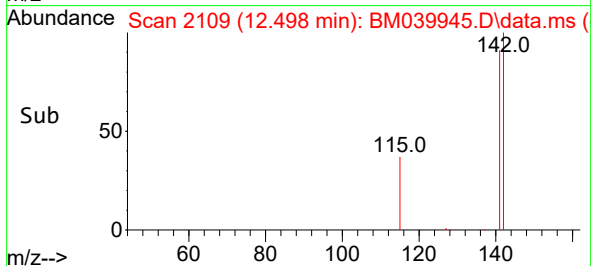
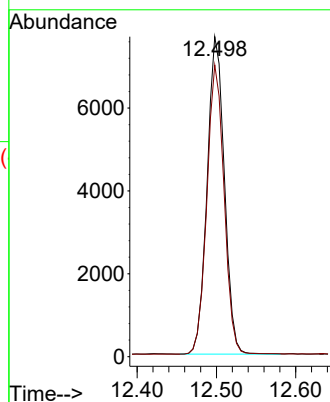
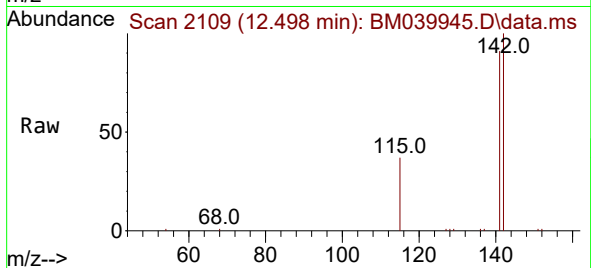




#7
2-Methylnaphthalene
Concen: 0.453 ng/ul
RT: 12.498 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BM039945.D
Acq: 17 May 2023 18:22

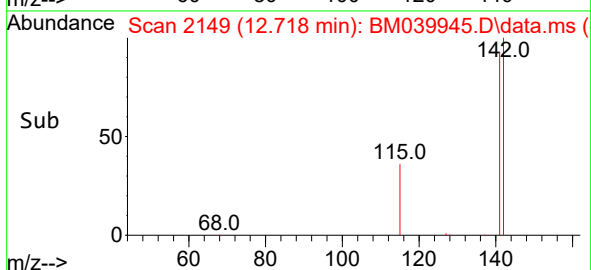
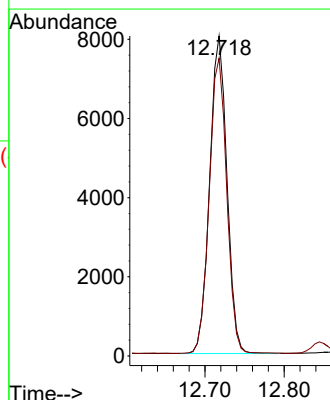
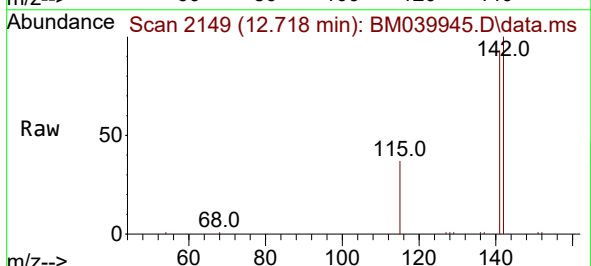
Instrument :
BNA_M
ClientSampleId :
SSTD0.4106

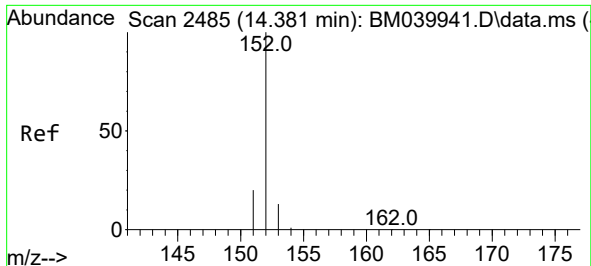
Tgt Ion:142 Resp: 11585
Ion Ratio Lower Upper
142 100
141 91.1 72.7 109.1



#8
1-Methylnaphthalene
Concen: 0.453 ng/ul
RT: 12.718 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BM039945.D
Acq: 17 May 2023 18:22

Tgt Ion:142 Resp: 12147
Ion Ratio Lower Upper
142 100
141 93.8 74.6 112.0

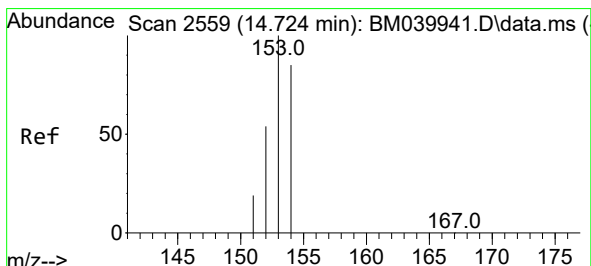
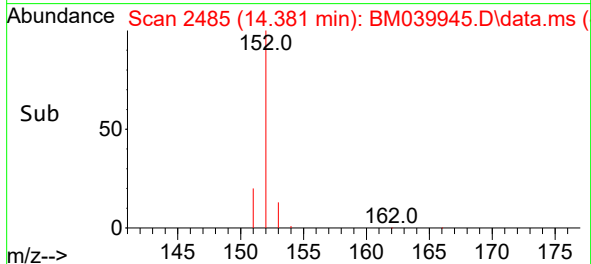
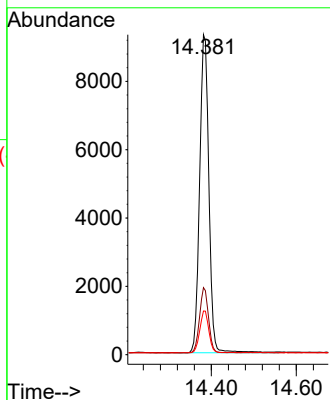
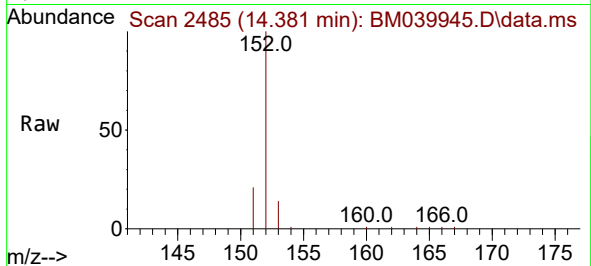




#10
Acenaphthylene
Concen: 0.458 ng/ul
RT: 14.381 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BM039945.D
Acq: 17 May 2023 18:22

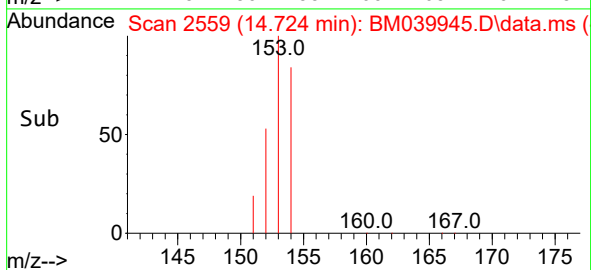
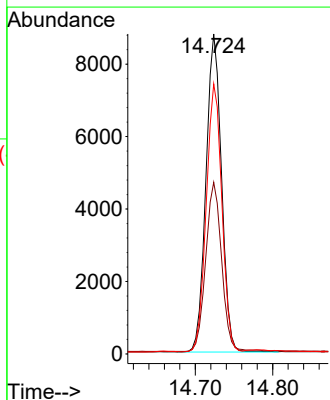
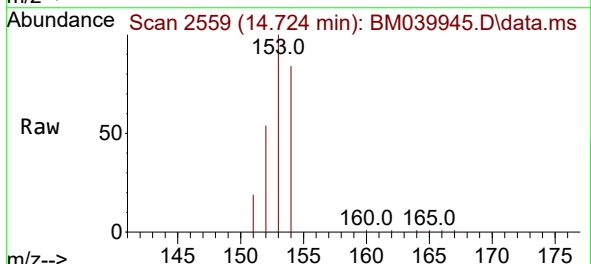
Instrument :
BNA_M
ClientSampleId :
SSTD0.4106

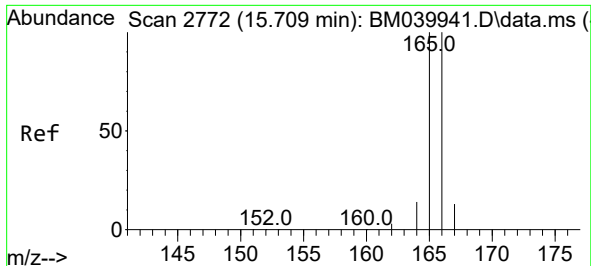
Tgt Ion:152	Resp:	14021
Ion Ratio	Lower	Upper
152	100	
151	20.9	16.4 24.6
153	13.6	10.9 16.3



#11
Acenaphthene
Concen: 0.482 ng/ul
RT: 14.724 min Scan# 2559
Delta R.T. -0.005 min
Lab File: BM039945.D
Acq: 17 May 2023 18:22

Tgt Ion:153	Resp:	12217
Ion Ratio	Lower	Upper
153	100	
152	53.7	43.1 64.7
154	84.4	67.8 101.6

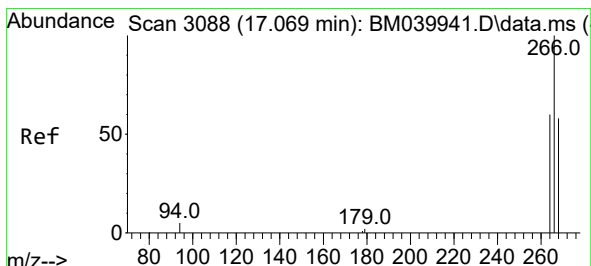
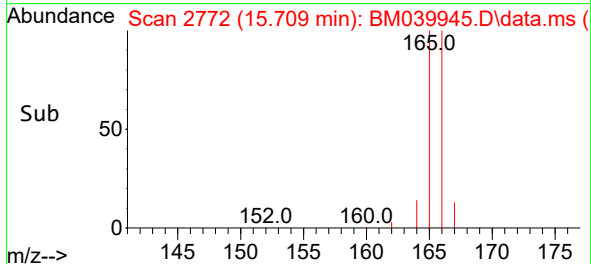
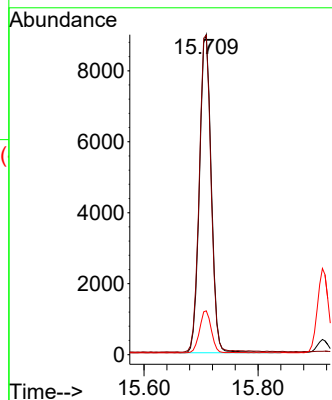
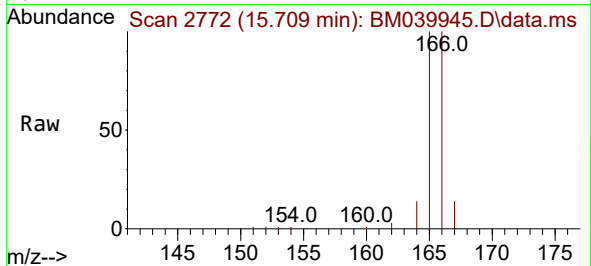




#12
Fluorene
Concen: 0.477 ng/ul
RT: 15.709 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM039945.D
Acq: 17 May 2023 18:22

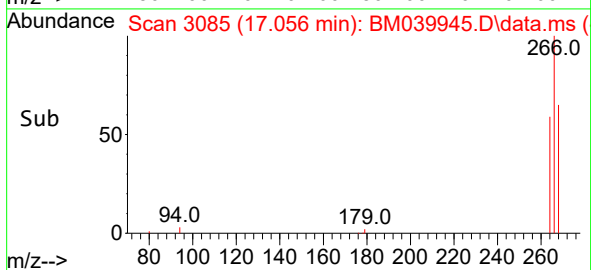
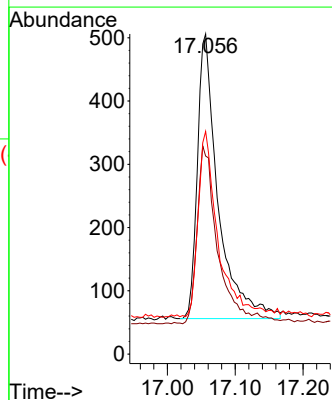
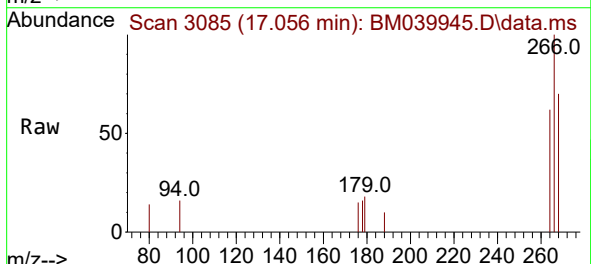
Instrument :
BNA_M
ClientSampleId :
SSTD0.4106

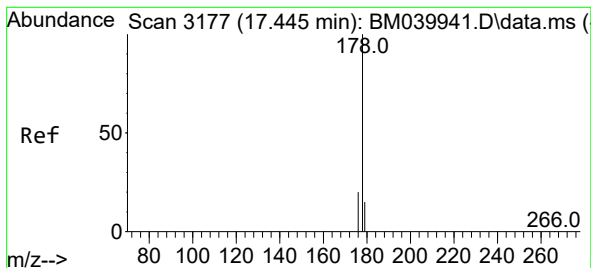
Tgt Ion:166 Resp: 12845
Ion Ratio Lower Upper
166 100
165 99.9 79.3 118.9
167 13.7 11.3 16.9



#14
Pentachlorophenol
Concen: 0.370 ng/ul
RT: 17.056 min Scan# 3085
Delta R.T. -0.004 min
Lab File: BM039945.D
Acq: 17 May 2023 18:22

Tgt Ion:266 Resp: 958
Ion Ratio Lower Upper
266 100
264 62.7 48.9 73.3
268 63.2 51.5 77.3





#15

Phenanthrene

Concen: 0.463 ng/ul

RT: 17.445 min Scan# 3177

Delta R.T. -0.004 min

Lab File: BM039945.D

Acq: 17 May 2023 18:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.4106

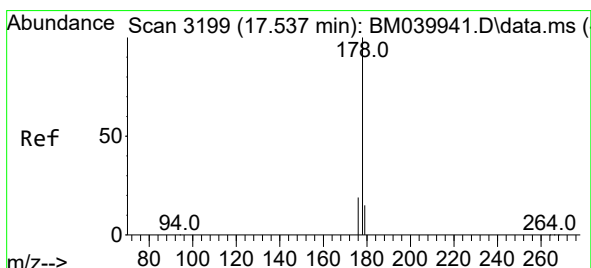
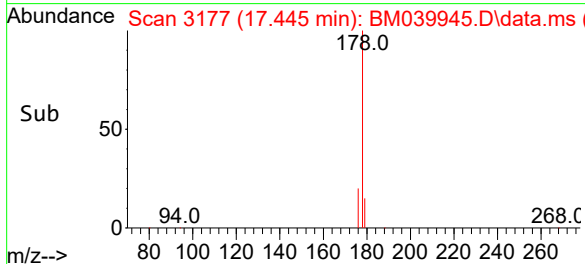
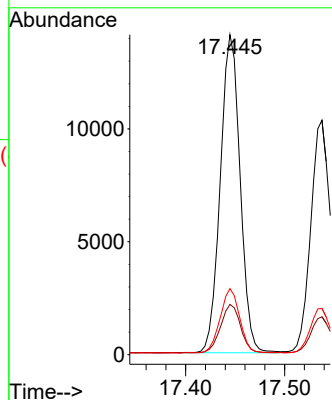
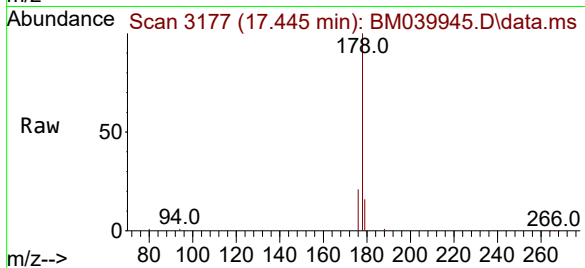
Tgt Ion:178 Resp: 19575

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 20.6 16.3 24.5



#16

Anthracene

Concen: 0.441 ng/ul

RT: 17.538 min Scan# 3199

Delta R.T. -0.004 min

Lab File: BM039945.D

Acq: 17 May 2023 18:22

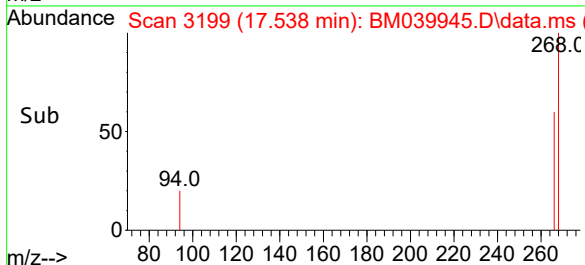
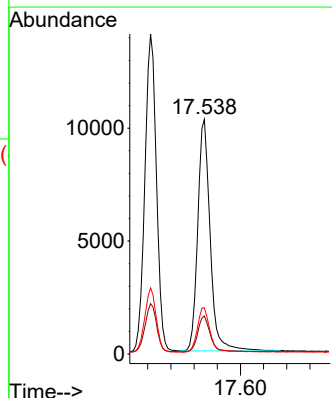
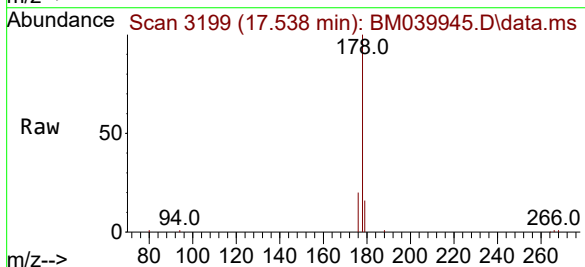
Tgt Ion:178 Resp: 15225

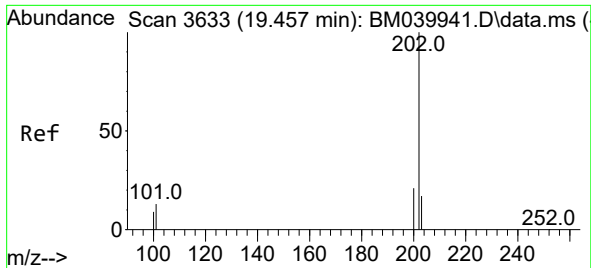
Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

176 19.7 15.4 23.2

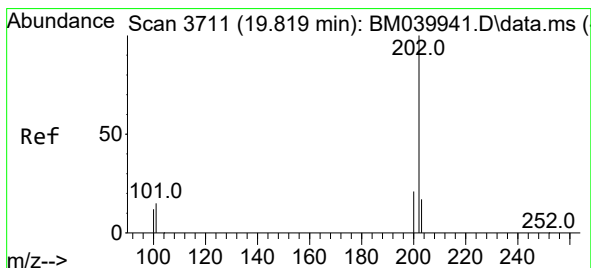
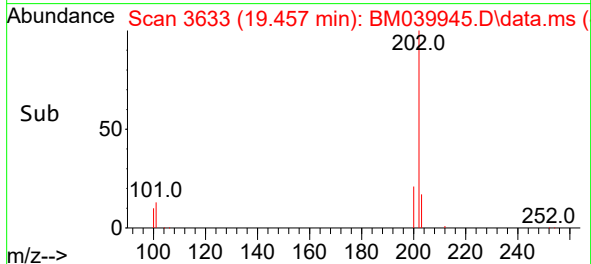
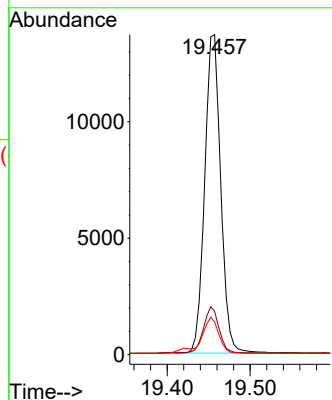
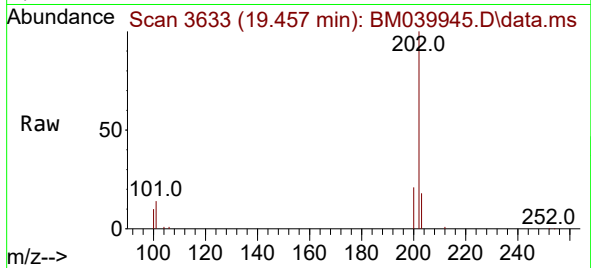




#19
Fluoranthene
Concen: 0.476 ng/ul
RT: 19.457 min Scan# 3633
Delta R.T. -0.005 min
Lab File: BM039945.D
Acq: 17 May 2023 18:22

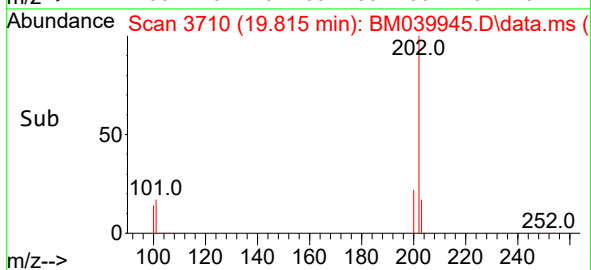
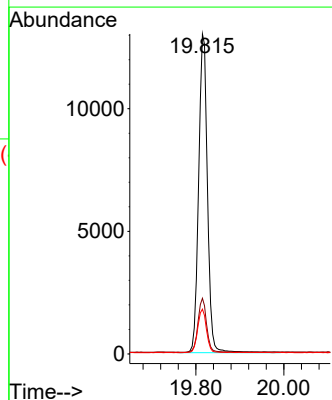
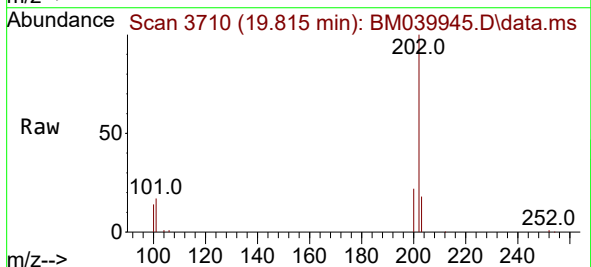
Instrument :
BNA_M
ClientSampleId :
SSTD0.4106

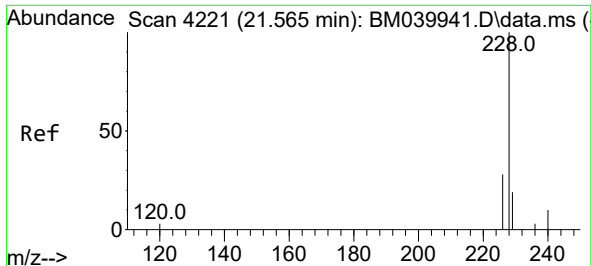
Tgt Ion:202 Resp: 18365
Ion Ratio Lower Upper
202 100
101 13.6 10.4 15.6
100 10.3 7.8 11.6



#20
Pyrene
Concen: 0.471 ng/ul
RT: 19.815 min Scan# 3710
Delta R.T. -0.005 min
Lab File: BM039945.D
Acq: 17 May 2023 18:22

Tgt Ion:202 Resp: 17992
Ion Ratio Lower Upper
202 100
101 17.4 13.4 20.0
100 14.0 11.0 16.6

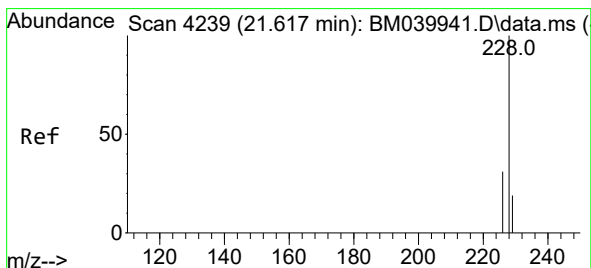
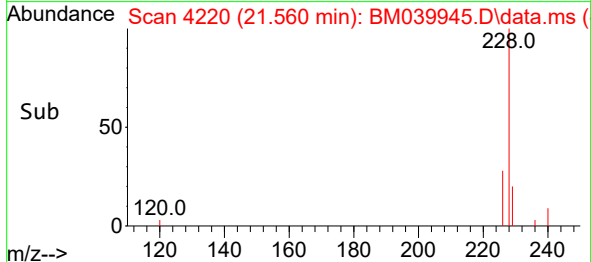
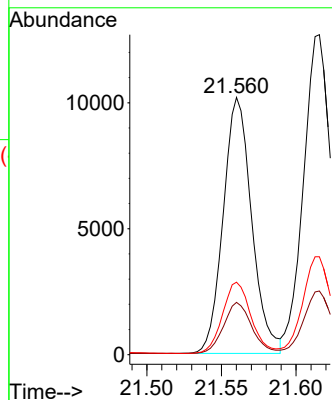
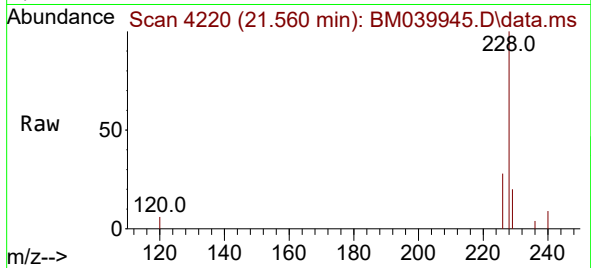




#21
Benzo(a)anthracene
Concen: 0.476 ng/ul
RT: 21.560 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM039945.D
Acq: 17 May 2023 18:22

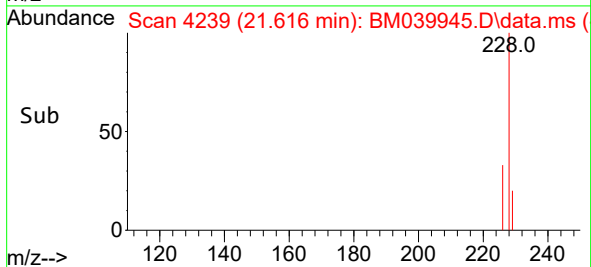
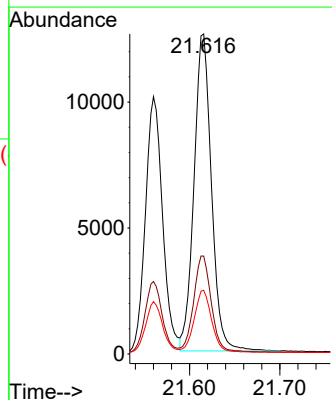
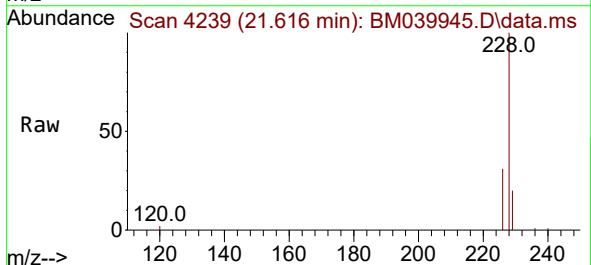
Instrument :
BNA_M
ClientSampleId :
SSTD0.4106

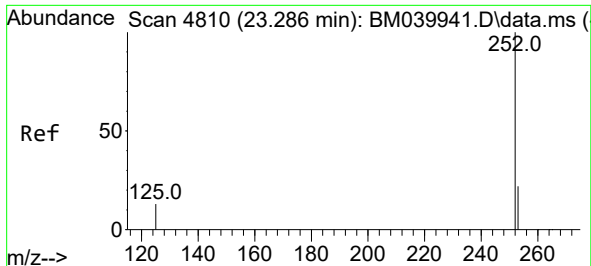
Tgt Ion:228 Resp: 13488
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 28.2 22.3 33.5



#22
Chrysene
Concen: 0.498 ng/ul
RT: 21.616 min Scan# 4239
Delta R.T. -0.006 min
Lab File: BM039945.D
Acq: 17 May 2023 18:22

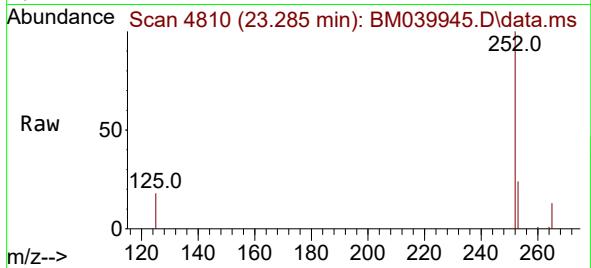
Tgt Ion:228 Resp: 16887
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 19.9 15.6 23.4



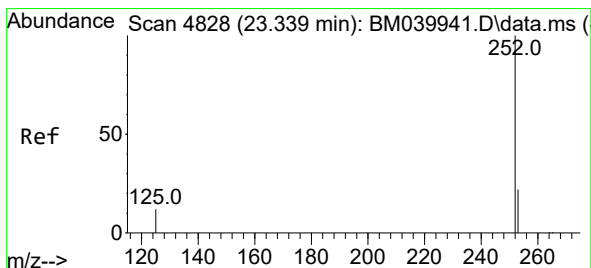
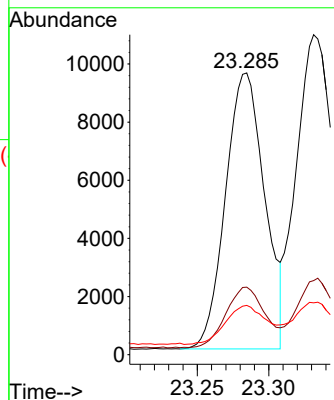


#24
Benzo(b)fluoranthene
Concen: 0.461 ng/ul
RT: 23.285 min Scan# 4810
Delta R.T. -0.009 min
Lab File: BM039945.D
Acq: 17 May 2023 18:22

Instrument :
BNA_M
ClientSampleId :
SSTD0.4106

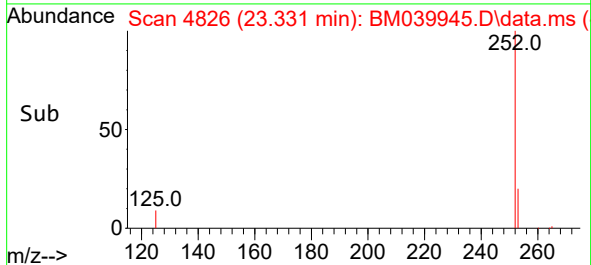
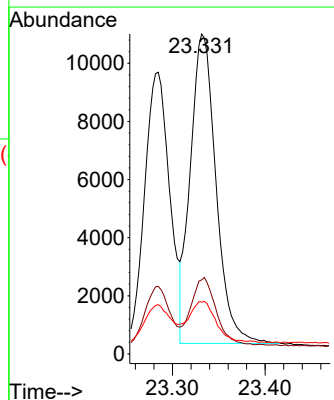
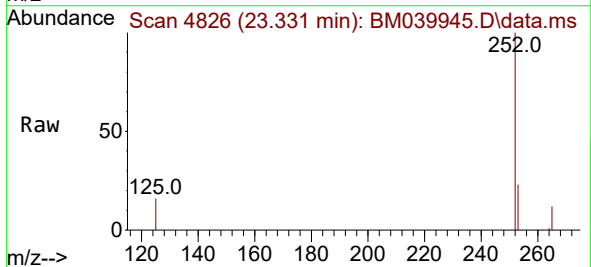


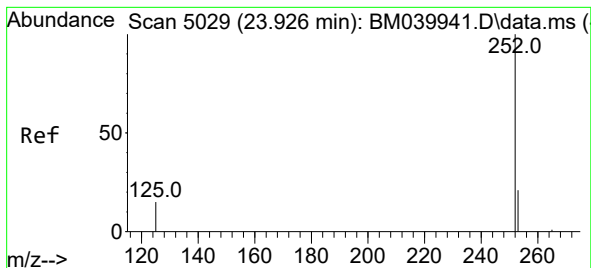
Tgt Ion:252 Resp: 18102
Ion Ratio Lower Upper
252 100
253 24.0 0.0 47.6
125 17.5 0.0 32.6



#25
Benzo(k)fluoranthene
Concen: 0.474 ng/ul
RT: 23.331 min Scan# 4826
Delta R.T. -0.012 min
Lab File: BM039945.D
Acq: 17 May 2023 18:22

Tgt Ion:252 Resp: 20486
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 16.2 12.9 19.3





#26

Benzo(a)pyrene

Concen: 0.457 ng/ul

RT: 23.922 min Scan# 5029

Delta R.T. -0.012 min

Lab File: BM039945.D

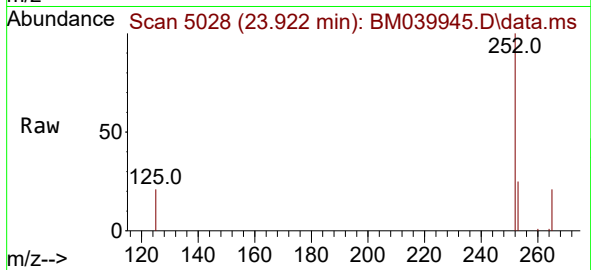
Acq: 17 May 2023 18:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.4106



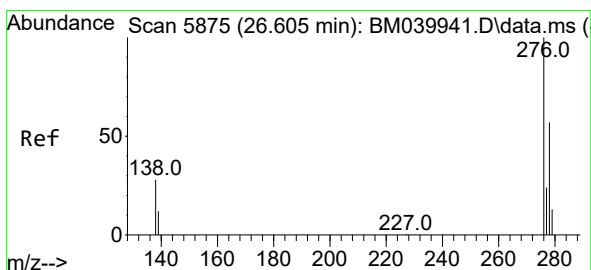
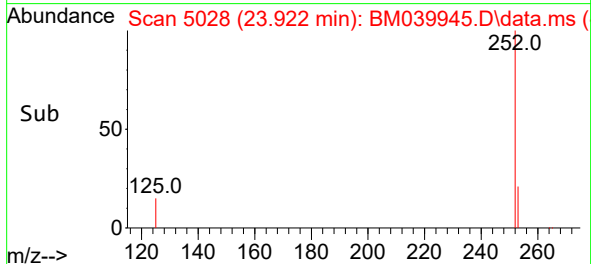
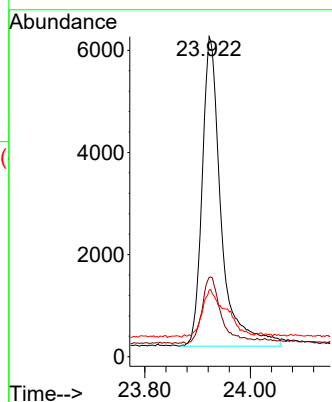
Tgt Ion:252 Resp: 15062

Ion Ratio Lower Upper

252 100

253 24.7 20.0 30.0

125 20.8 15.4 23.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.495 ng/ul

RT: 26.600 min Scan# 5874

Delta R.T. -0.013 min

Lab File: BM039945.D

Acq: 17 May 2023 18:22

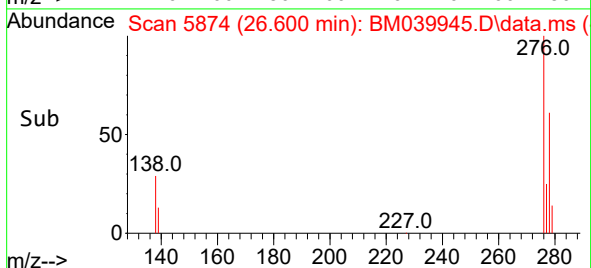
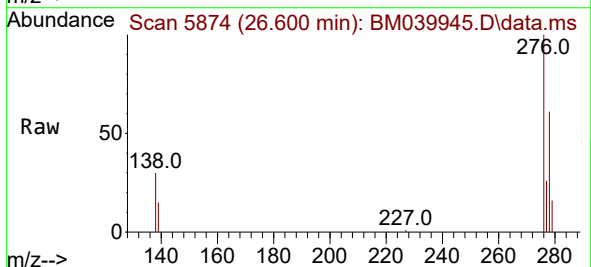
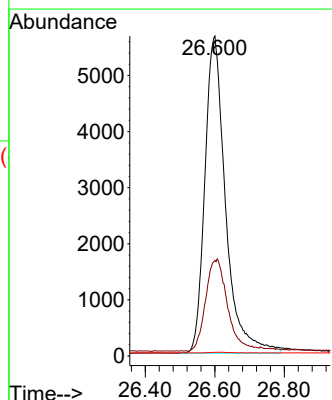
Tgt Ion:276 Resp: 23409

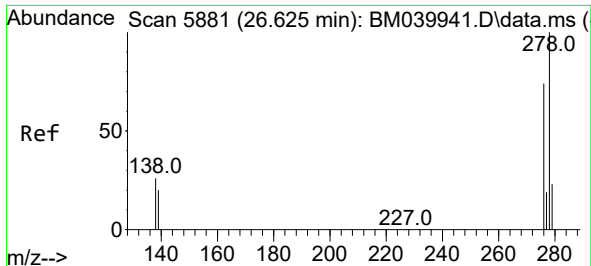
Ion Ratio Lower Upper

276 100

138 31.4 24.3 36.5

227 0.1 0.2 0.2#

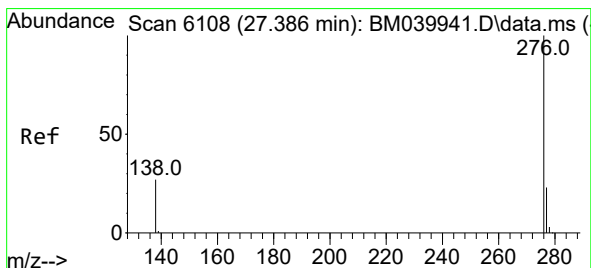
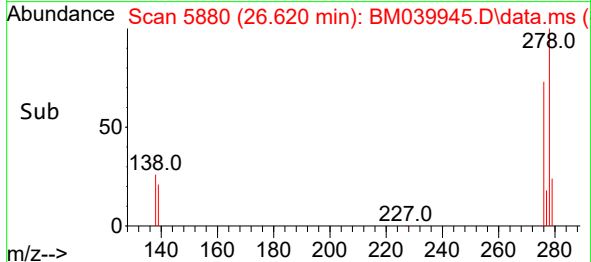
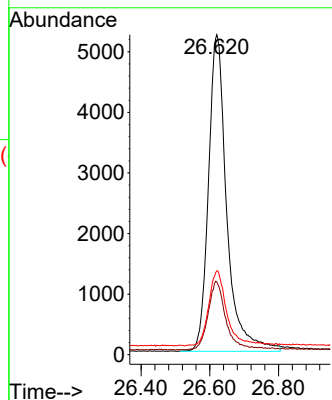
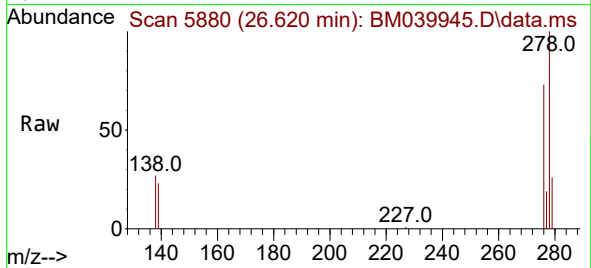




#28
Dibenzo(a,h)anthracene
Concen: 0.507 ng/ul
RT: 26.620 min Scan# 5881
Delta R.T. -0.013 min
Lab File: BM039945.D
Acq: 17 May 2023 18:22

Instrument :
BNA_M
ClientSampleId :
SSTD0.4106

Tgt Ion: 278 Resp: 19295
Ion Ratio Lower Upper
278 100
139 22.7 16.9 25.3
279 26.2 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.486 ng/ul
RT: 27.378 min Scan# 6106
Delta R.T. -0.017 min
Lab File: BM039945.D
Acq: 17 May 2023 18:22

Tgt Ion: 276 Resp: 20367
Ion Ratio Lower Upper
276 100
138 27.7 22.4 33.6
277 24.7 19.5 29.3

