

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039782.D
 Acq On : 01 May 2023 18:00
 Operator : CG/JU
 Sample : 02418-29
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW903

Quant Time: May 02 01:26:37 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 : Sat Apr 29 04:28:45 2023
 Response via : Initial Calibration

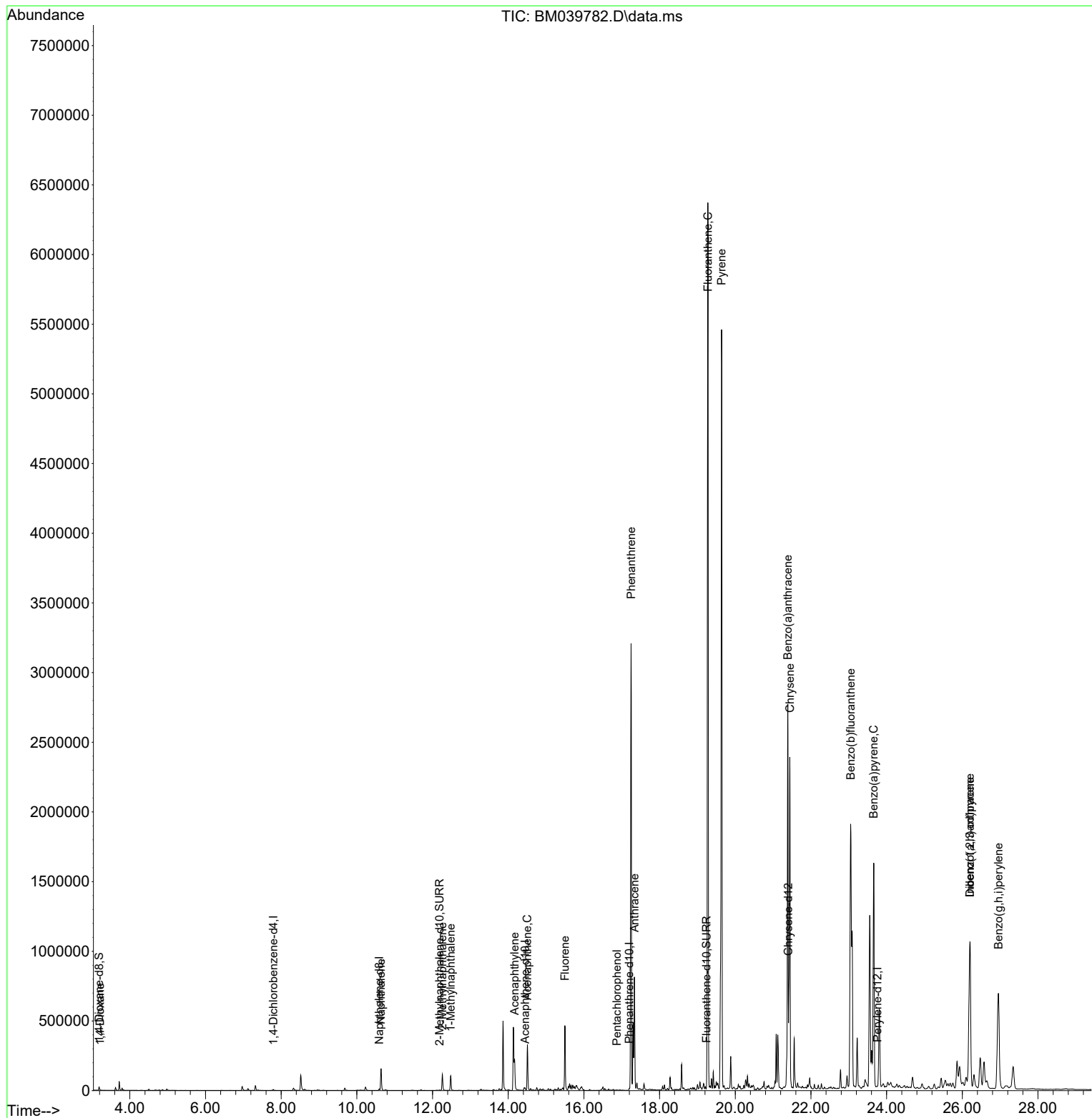
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	3959	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.590	136	14966	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	8772	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	16574	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.402	240	6594	0.400	ng/ul	# 0.00
23) Perylene-d12	23.755	264	12945	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	15041	2.578	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	4511	0.235	ng/ul	-0.02
18) Fluoranthene-d10	19.239	212	6313	0.356	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.214	88	174	0.029	ng/ul#	79
5) Naphthalene	10.639	128	218523	5.815	ng/ul	97
7) 2-Methylnaphthalene	12.261	142	86188	3.974	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	73661	3.166	ng/ul	100
10) Acenaphthylene	14.168	152	281606	8.294	ng/ul	99
11) Acenaphthene	14.506	153	189074	7.090	ng/ul	98
12) Fluorene	15.496	166	294364	9.949	ng/ul	98
14) Pentachlorophenol	16.875	266	416	0.115	ng/ul#	83
15) Phenanthrene	17.246	178	3510692	80.400	ng/ul	100
16) Anthracene	17.335	178	821717	21.916	ng/ul	97
19) Fluoranthene	19.276	202	6061118	257.649	ng/ul	96
20) Pyrene	19.638	202	4985181	196.233	ng/ul	95
21) Benzo(a)anthracene	21.388	228	2554097	134.719	ng/ul	97
22) Chrysene	21.440	228	2401098	111.912	ng/ul	97
24) Benzo(b)fluoranthene	23.051	252	3538717	77.839	ng/ul	93
26) Benzo(a)pyrene	23.659	252	2344262	57.433	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.201	276	1836642	35.586	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.201	278	470673	11.750	ng/ul	95
29) Benzo(g,h,i)perylene	26.955	276	1577425	35.075	ng/ul	97

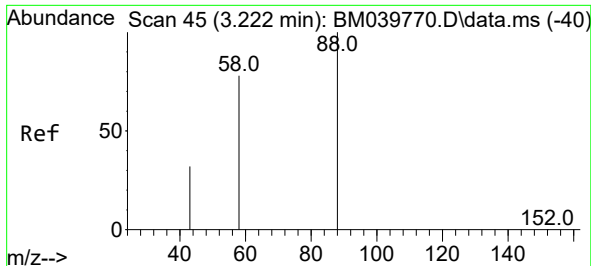
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039782.D
Acq On : 01 May 2023 18:00
Operator : CG/JU
Sample : 02418-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW903

Quant Time: May 02 01:26:37 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 : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration

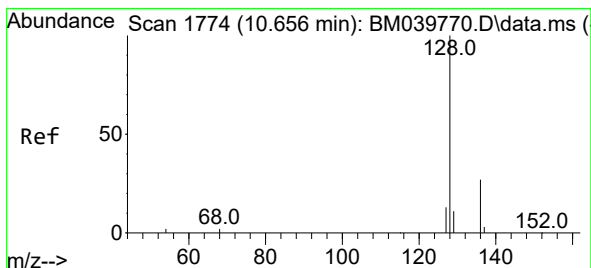
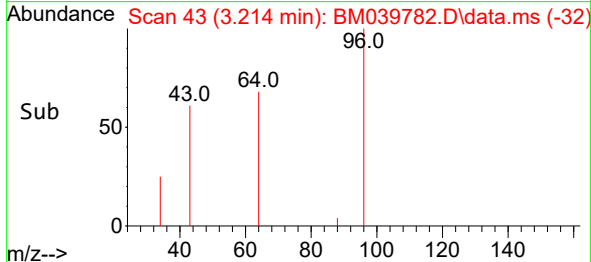
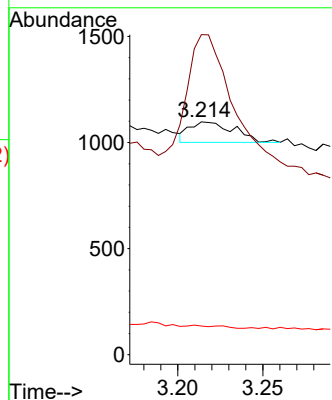
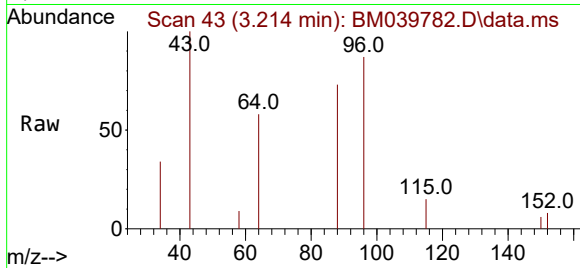




#2
1,4-Dioxane
Concen: 0.029 ng/ul
RT: 3.214 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM039782.D
Acq: 01 May 2023 18:00

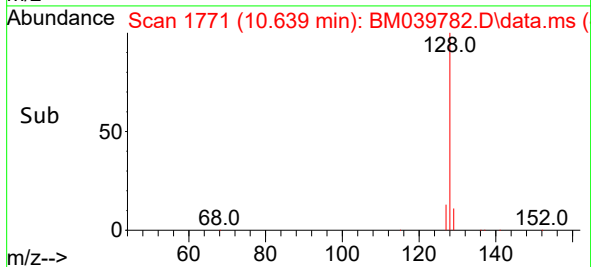
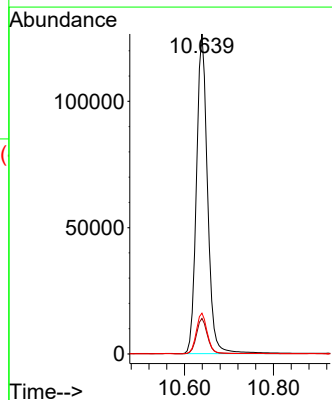
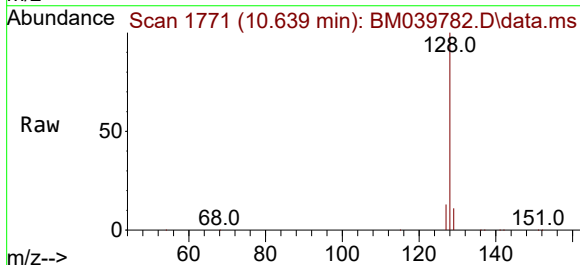
Instrument :
BNA_M
ClientSampleId :
EW903

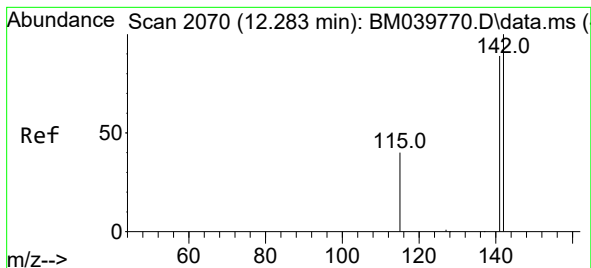
Tgt Ion: 88 Resp: 174
Ion Ratio Lower Upper
88 100
43 137.5 102.6 153.8
58 12.3 40.6 61.0#



#5
Naphthalene
Concen: 5.815 ng/ul
RT: 10.639 min Scan# 1771
Delta R.T. -0.016 min
Lab File: BM039782.D
Acq: 01 May 2023 18:00

Tgt Ion: 128 Resp: 218523
Ion Ratio Lower Upper
128 100
129 11.1 9.8 14.6
127 12.7 11.1 16.7

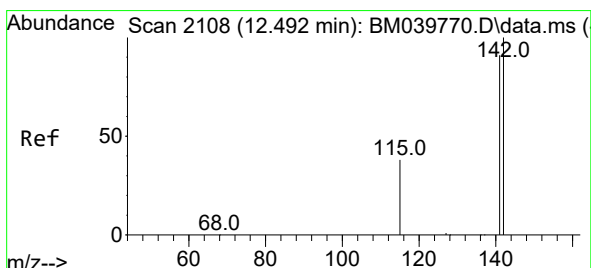
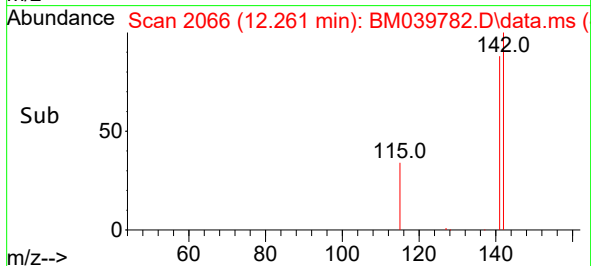
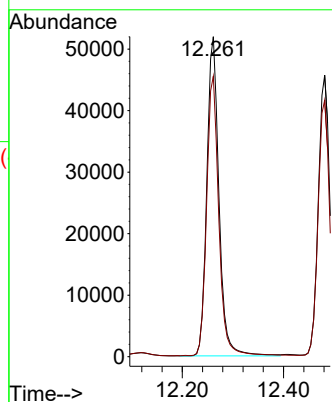
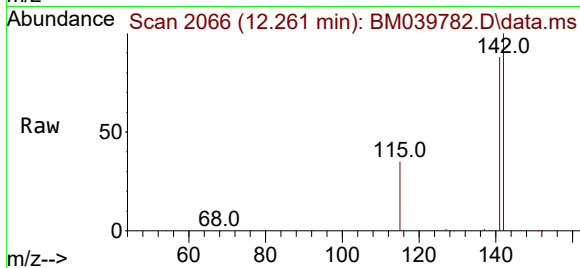




#7
2-Methylnaphthalene
Concen: 3.974 ng/ul
RT: 12.261 min Scan# 2070
Delta R.T. -0.016 min
Lab File: BM039782.D
Acq: 01 May 2023 18:00

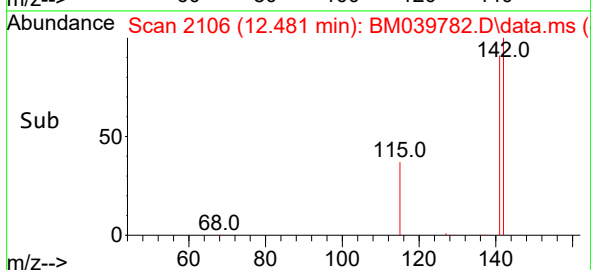
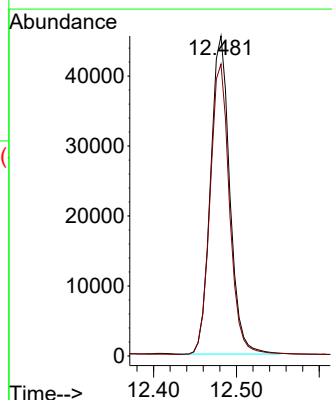
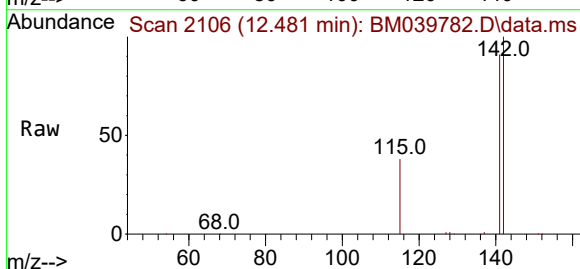
Instrument :
BNA_M
ClientSampleId :
EW903

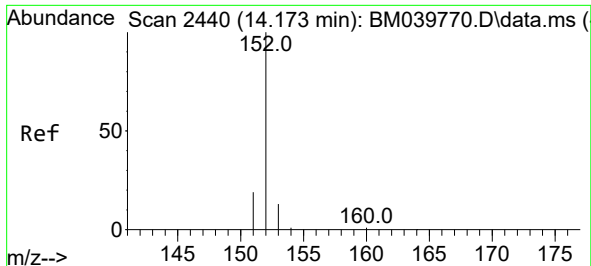
Tgt Ion:142 Resp: 86188
Ion Ratio Lower Upper
142 100
141 88.1 73.2 109.8



#8
1-Methylnaphthalene
Concen: 3.166 ng/ul
RT: 12.481 min Scan# 2106
Delta R.T. -0.011 min
Lab File: BM039782.D
Acq: 01 May 2023 18:00

Tgt Ion:142 Resp: 73661
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2

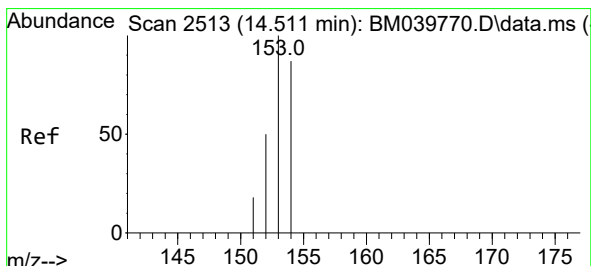
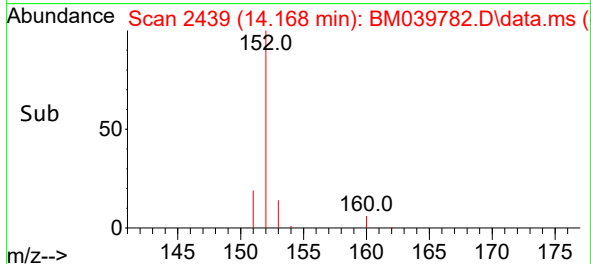
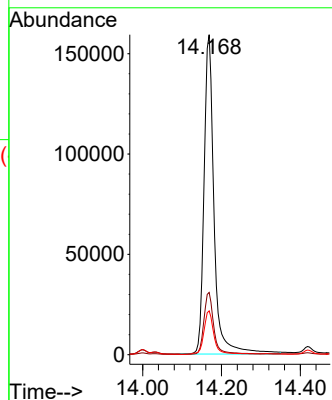
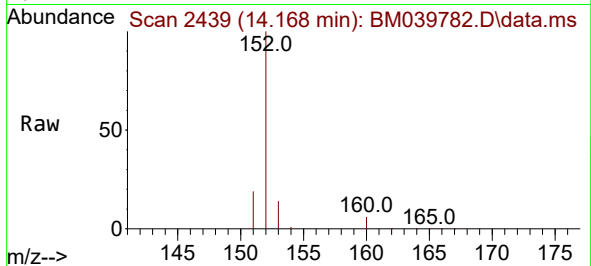




#10
Acenaphthylene
Concen: 8.294 ng/ul
RT: 14.168 min Scan# 2440
Delta R.T. -0.004 min
Lab File: BM039782.D
Acq: 01 May 2023 18:00

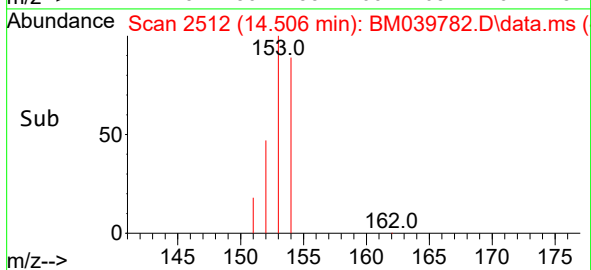
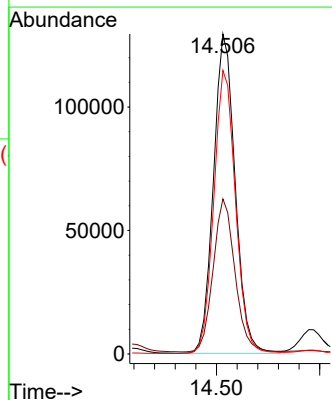
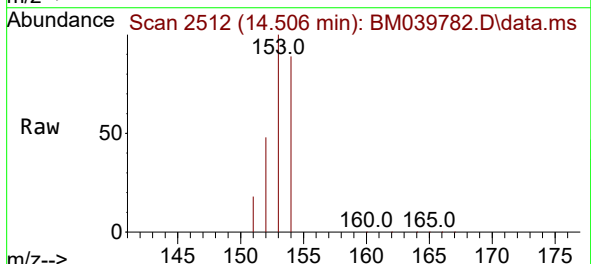
Instrument :
BNA_M
ClientSampleId :
EW903

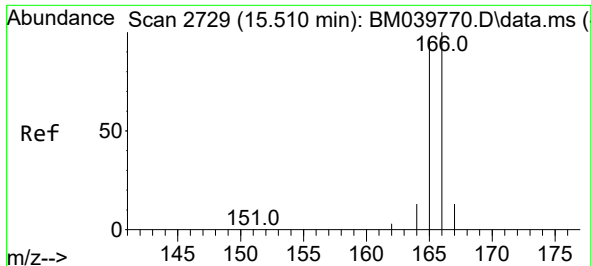
Tgt Ion:152 Resp: 281606
Ion Ratio Lower Upper
152 100
151 19.4 16.0 24.0
153 13.7 11.2 16.8



#11
Acenaphthene
Concen: 7.090 ng/ul
RT: 14.506 min Scan# 2512
Delta R.T. -0.004 min
Lab File: BM039782.D
Acq: 01 May 2023 18:00

Tgt Ion:153 Resp: 189074
Ion Ratio Lower Upper
153 100
152 48.4 40.6 61.0
154 88.6 71.9 107.9

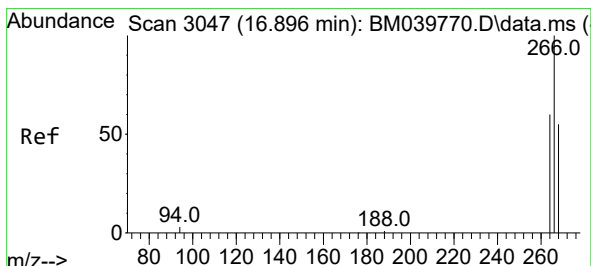
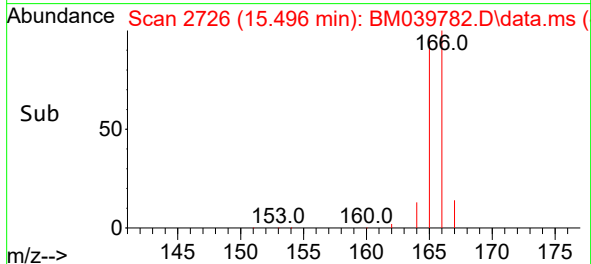
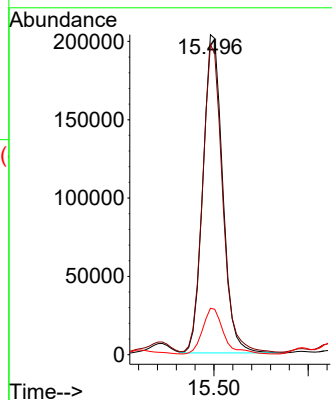
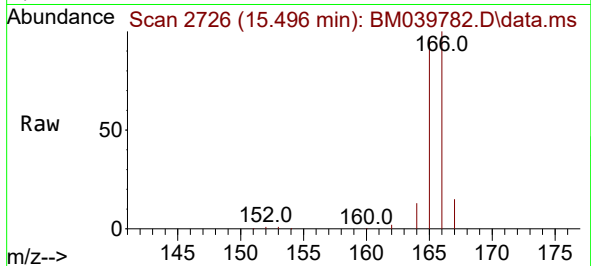




#12
Fluorene
Concen: 9.949 ng/ul
RT: 15.496 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM039782.D
Acq: 01 May 2023 18:00

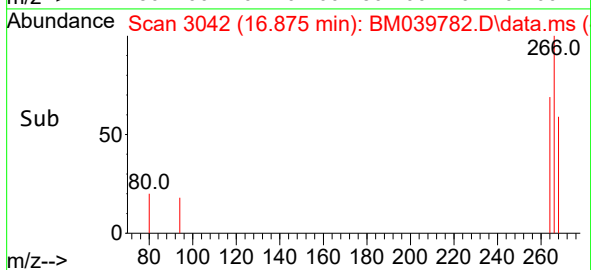
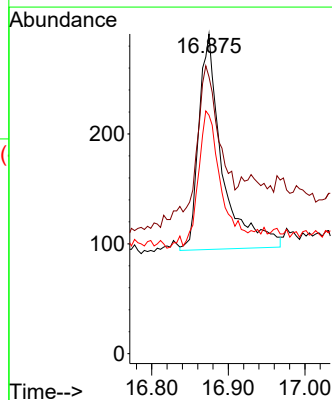
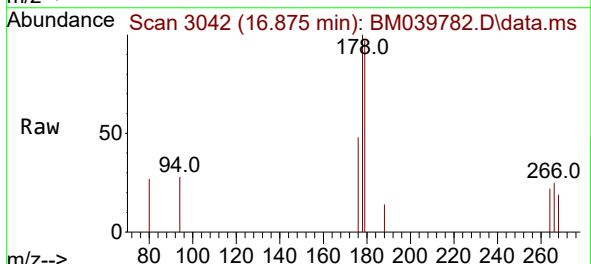
Instrument :
BNA_M
ClientSampleId :
EW903

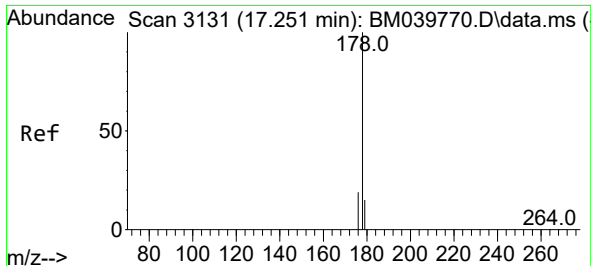
Tgt Ion:166 Resp: 294364
Ion Ratio Lower Upper
166 100
165 96.9 79.0 118.6
167 14.5 11.8 17.6



#14
Pentachlorophenol
Concen: 0.115 ng/ul
RT: 16.875 min Scan# 3042
Delta R.T. -0.013 min
Lab File: BM039782.D
Acq: 01 May 2023 18:00

Tgt Ion:266 Resp: 416
Ion Ratio Lower Upper
266 100
264 85.3 48.8 73.2#
268 65.4 50.4 75.6

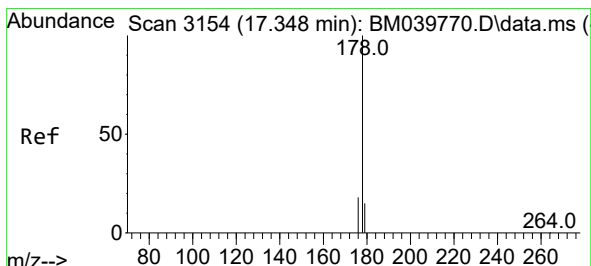
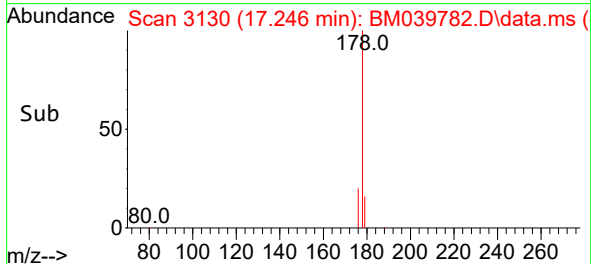
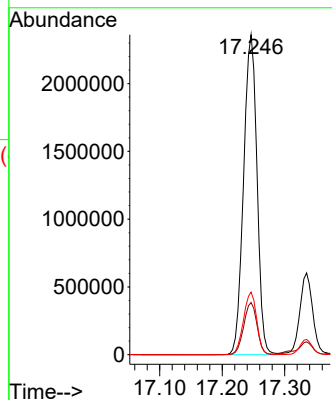
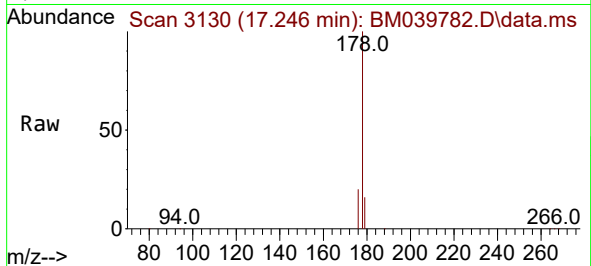




#15
Phenanthrene
Concen: 80.400 ng/ul
RT: 17.246 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM039782.D
Acq: 01 May 2023 18:00

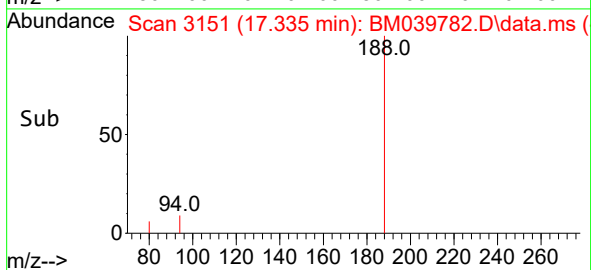
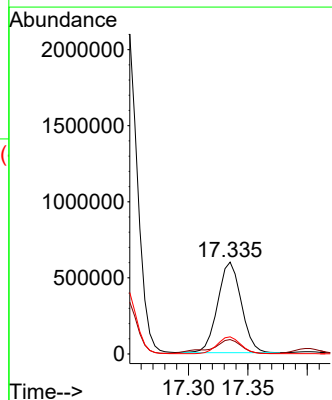
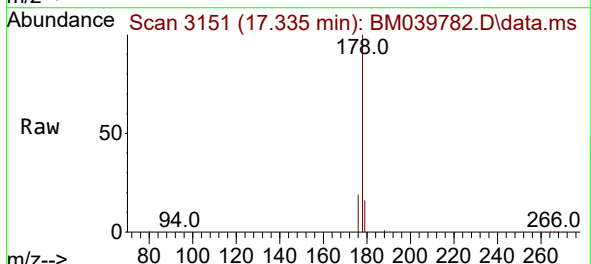
Instrument :
BNA_M
ClientSampleId :
EW903

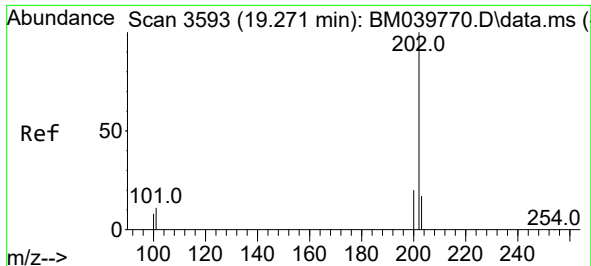
Tgt Ion:178 Resp: 3510692
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 19.5 15.8 23.8



#16
Anthracene
Concen: 21.916 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BM039782.D
Acq: 01 May 2023 18:00

Tgt Ion:178 Resp: 821717
Ion Ratio Lower Upper
178 100
179 15.7 13.8 20.6
176 18.6 15.8 23.8

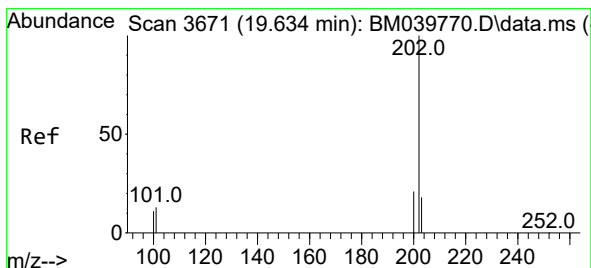
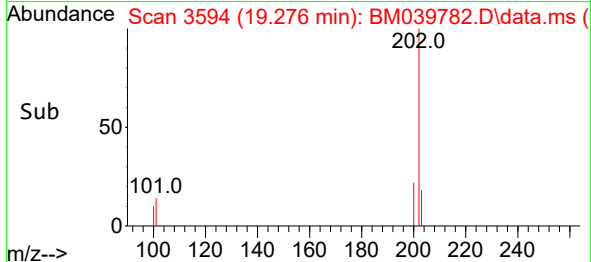
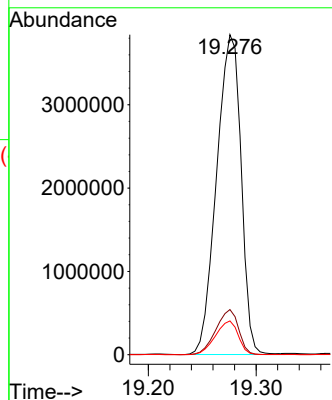
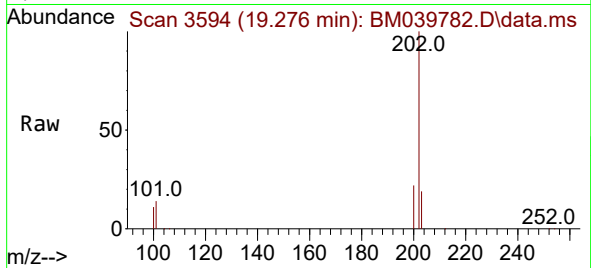




#19
Fluoranthene
Concen: 257.649 ng/ul
RT: 19.276 min Scan# 3593
Delta R.T. 0.009 min
Lab File: BM039782.D
Acq: 01 May 2023 18:00

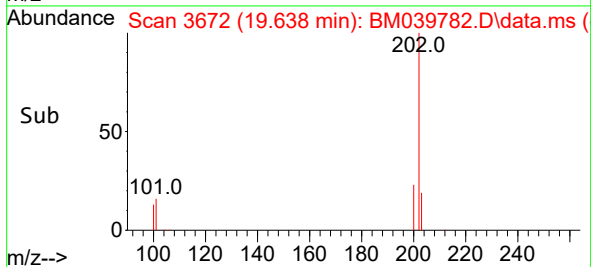
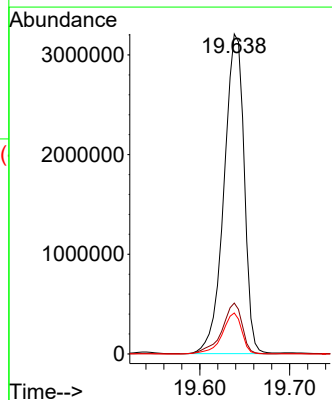
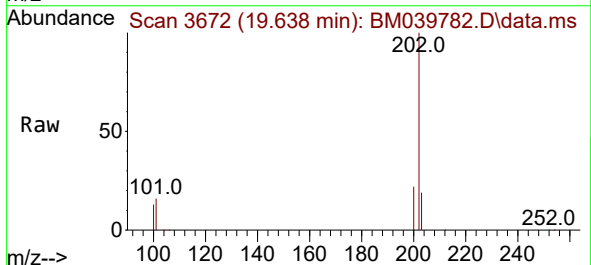
Instrument :
BNA_M
ClientSampleId :
EW903

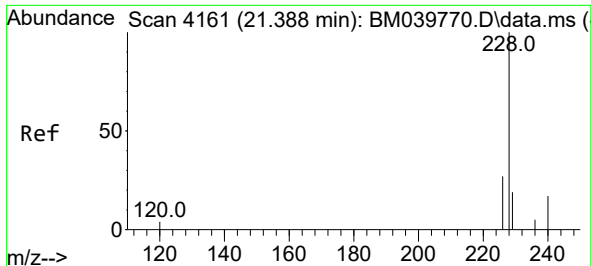
Tgt Ion:202 Resp: 6061118
Ion Ratio Lower Upper
202 100
101 14.1 9.8 14.8
100 10.5 7.3 10.9



#20
Pyrene
Concen: 196.233 ng/ul
RT: 19.638 min Scan# 3672
Delta R.T. 0.005 min
Lab File: BM039782.D
Acq: 01 May 2023 18:00

Tgt Ion:202 Resp: 4985181
Ion Ratio Lower Upper
202 100
101 15.9 10.9 16.3
100 12.8 8.9 13.3

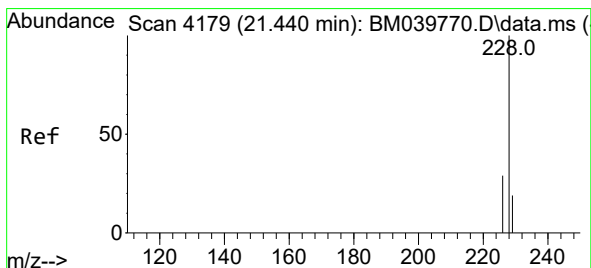
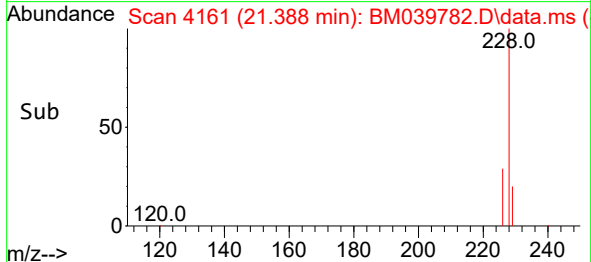
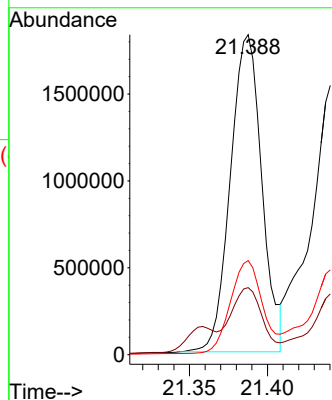
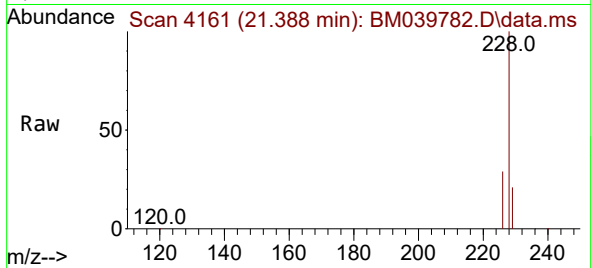




#21
Benzo(a)anthracene
Concen: 134.719 ng/ul
RT: 21.388 min Scan# 4161
Delta R.T. 0.004 min
Lab File: BM039782.D
Acq: 01 May 2023 18:00

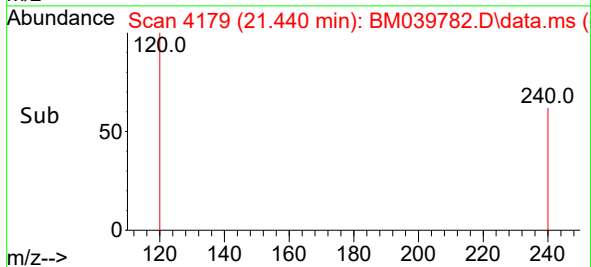
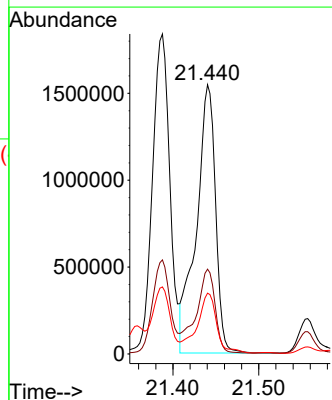
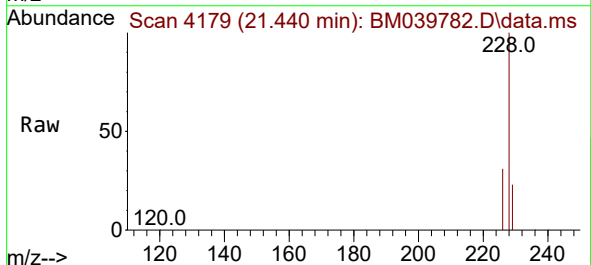
Instrument :
BNA_M
ClientSampleId :
EW903

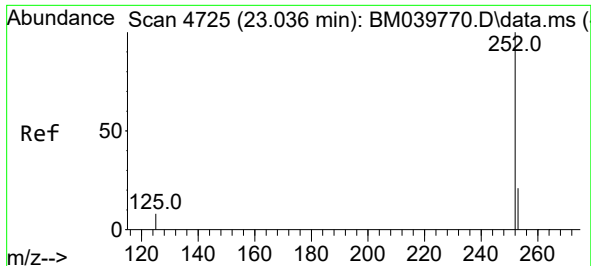
Tgt Ion:228 Resp: 2554097
Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.2
226 29.4 21.6 32.4



#22
Chrysene
Concen: 111.912 ng/ul
RT: 21.440 min Scan# 4179
Delta R.T. 0.004 min
Lab File: BM039782.D
Acq: 01 May 2023 18:00

Tgt Ion:228 Resp: 2401098
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 22.6 15.9 23.9

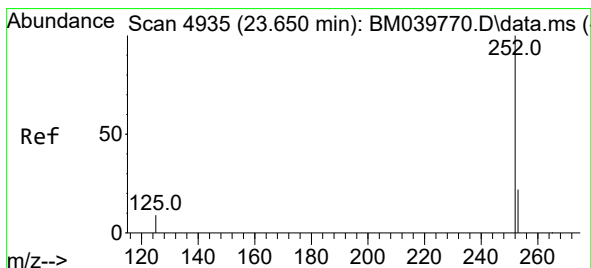
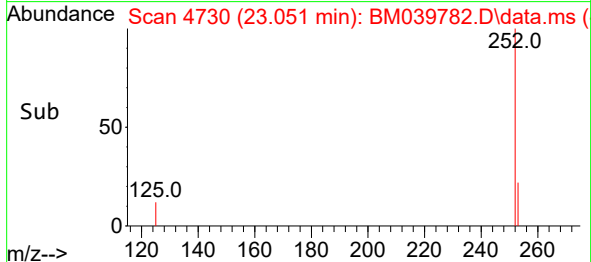
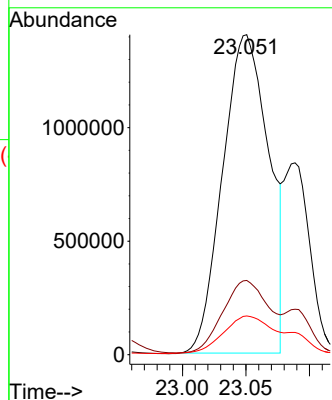
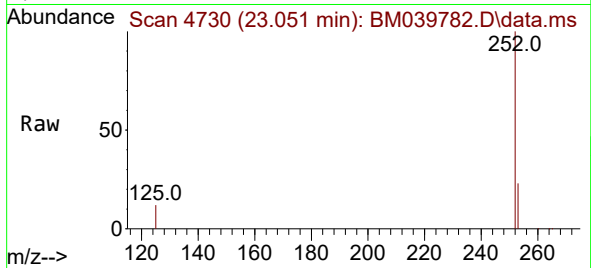




#24
Benzo(b)fluoranthene
Concen: 77.839 ng/ul
RT: 23.051 min Scan# 4730
Delta R.T. 0.019 min
Lab File: BM039782.D
Acq: 01 May 2023 18:00

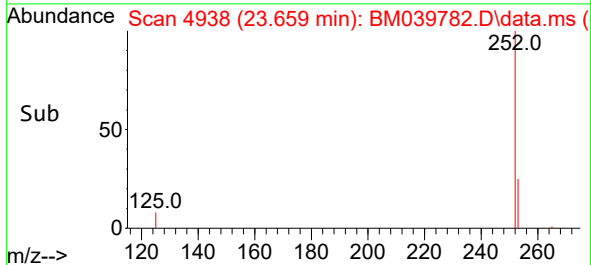
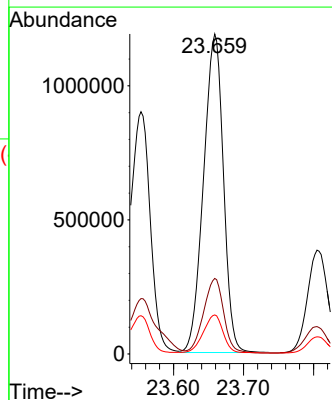
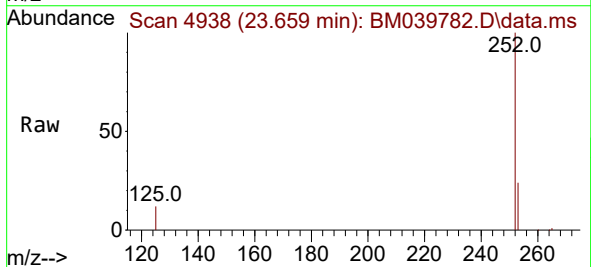
Instrument :
BNA_M
ClientSampleId :
EW903

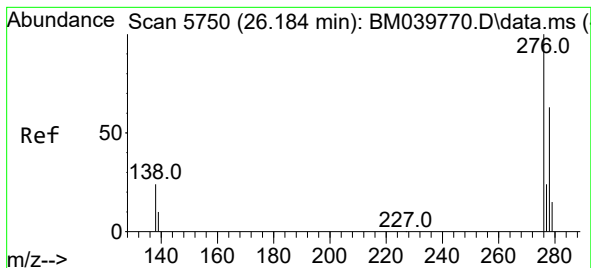
Tgt Ion:252 Resp: 3538717
Ion Ratio Lower Upper
252 100
253 23.2 0.0 52.8
125 12.1 0.0 31.6



#26
Benzo(a)pyrene
Concen: 57.433 ng/ul
RT: 23.659 min Scan# 4938
Delta R.T. 0.016 min
Lab File: BM039782.D
Acq: 01 May 2023 18:00

Tgt Ion:252 Resp: 2344262
Ion Ratio Lower Upper
252 100
253 23.6 24.7 37.1#
125 12.2 16.5 24.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 35.586 ng/ul

RT: 26.201 min Scan# 5

Delta R.T. 0.022 min

Lab File: BM039782.D

Acq: 01 May 2023 18:00

Instrument :

BNA_M

ClientSampleId :

EW903

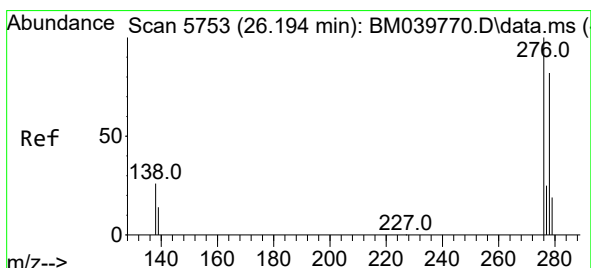
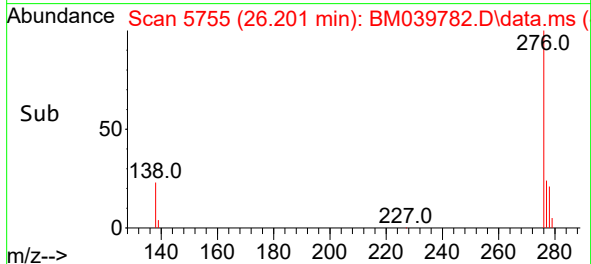
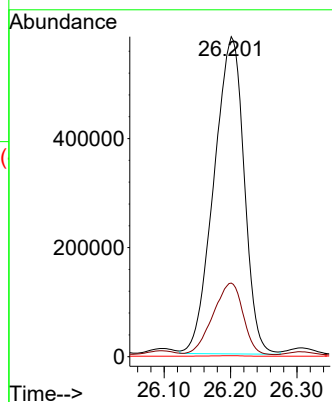
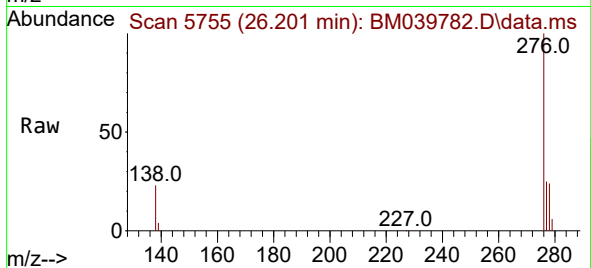
Tgt Ion:276 Resp: 1836642

Ion Ratio Lower Upper

276 100

138 22.6 21.1 31.7

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 11.750 ng/ul

RT: 26.201 min Scan# 5755

Delta R.T. 0.012 min

Lab File: BM039782.D

Acq: 01 May 2023 18:00

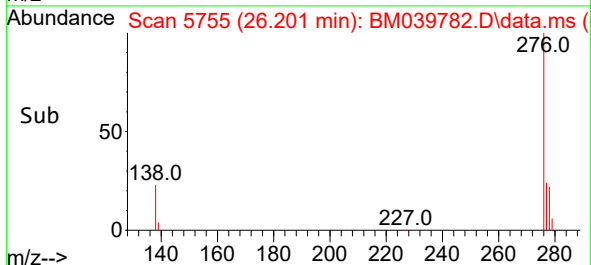
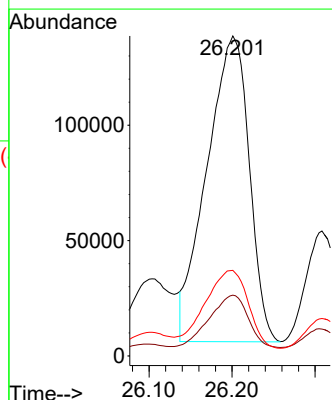
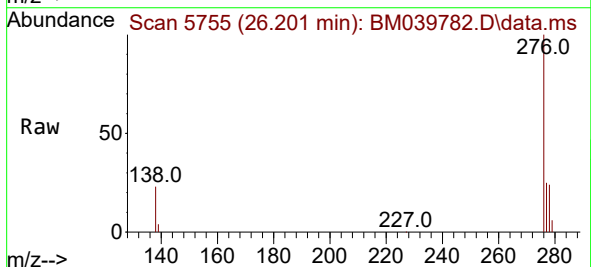
Tgt Ion:278 Resp: 470673

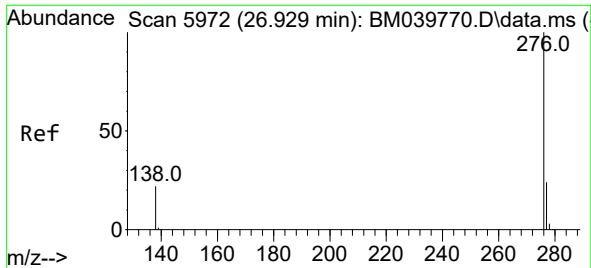
Ion Ratio Lower Upper

278 100

139 19.0 17.0 25.6

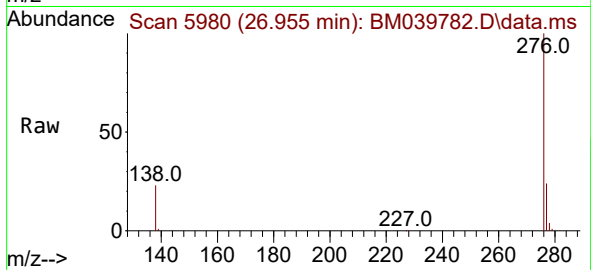
279 26.7 23.4 35.2





#29
Benzo(g,h,i)perylene
Concen: 35.075 ng/ul
RT: 26.955 min Scan# 5980
Delta R.T. 0.035 min
Lab File: BM039782.D
Acq: 01 May 2023 18:00

Instrument :
BNA_M
ClientSampleId :
EW903



Tgt Ion:276 Resp: 1577425
Ion Ratio Lower Upper
276 100
138 22.9 20.1 30.1
277 24.5 20.1 30.1

