

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038059.D
 Acq On : 16 Dec 2022 09:05
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4190

Quant Time: Dec 16 23:19:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

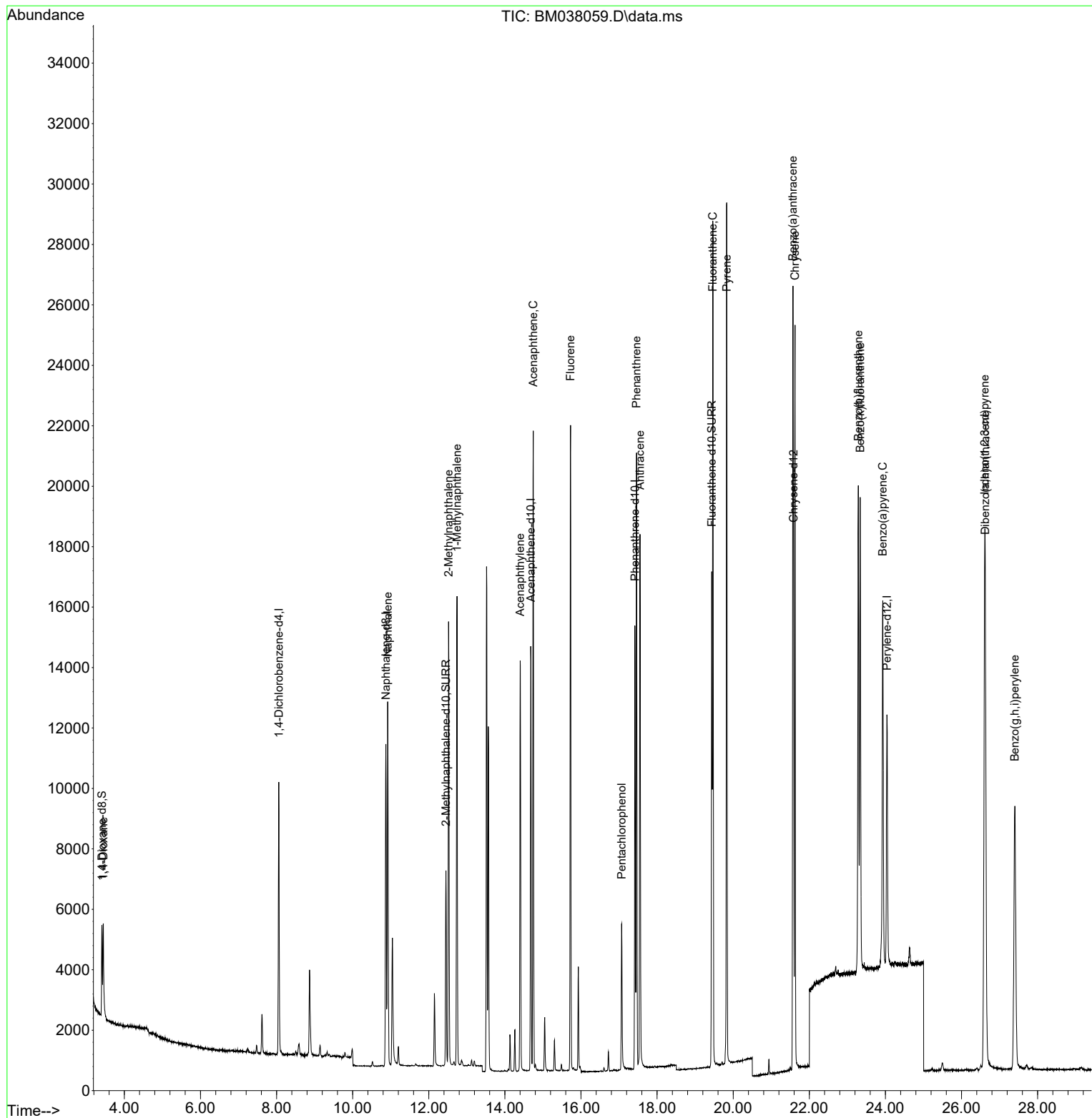
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	4745	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	13829	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	7447	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	16047	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	11819	0.400	ng/ul	0.00
23) Perylene-d12	24.041	264	11998	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	2259	0.348	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	8041	0.398	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	16635	0.388	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	2114	0.361	ng/ul	85
5) Naphthalene	10.922	128	16366	0.391	ng/ul	100
7) 2-Methylnaphthalene	12.522	142	10220	0.397	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	10423	0.396	ng/ul	100
10) Acenaphthylene	14.402	152	15533	0.398	ng/ul	99
11) Acenaphthene	14.745	153	11733	0.397	ng/ul	99
12) Fluorene	15.725	166	13101	0.400	ng/ul	99
14) Pentachlorophenol	17.071	266	3460	0.521	ng/ul	100
15) Phenanthrene	17.460	178	20903	0.387	ng/ul	99
16) Anthracene	17.552	178	19470	0.390	ng/ul	99
19) Fluoranthene	19.464	202	23446	0.384	ng/ul	98
20) Pyrene	19.831	202	23915	0.384	ng/ul	96
21) Benzo(a)anthracene	21.568	228	20445	0.400	ng/ul	100
22) Chrysene	21.623	228	20830	0.404	ng/ul	100
24) Benzo(b)fluoranthene	23.287	252	21686	0.381	ng/ul	95
25) Benzo(k)fluoranthene	23.336	252	20494	0.373	ng/ul	95
26) Benzo(a)pyrene	23.930	252	18425	0.384	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.609	276	23433	0.390	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.626	278	18493	0.395	ng/ul	97
29) Benzo(g,h,i)perylene	27.400	276	19604	0.384	ng/ul	97

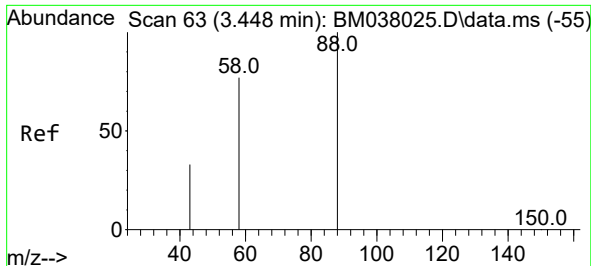
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038059.D
Acq On : 16 Dec 2022 09:05
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4190

Quant Time: Dec 16 23:19:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration

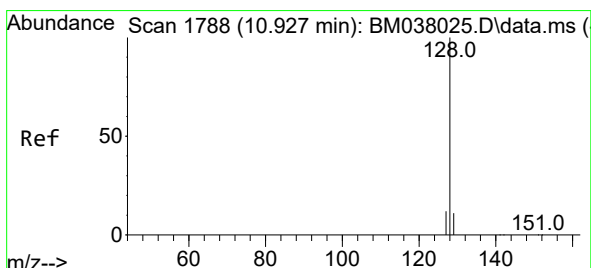
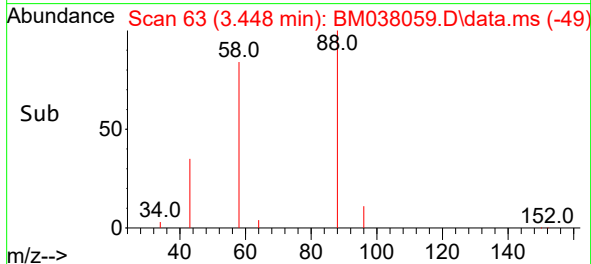
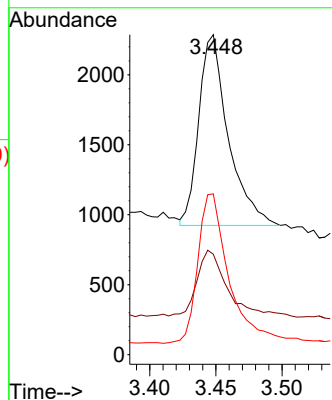
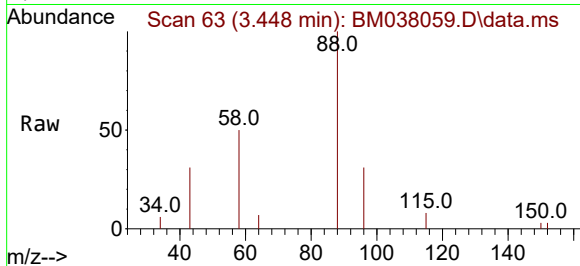




#2
1,4-Dioxane
Concen: 0.361 ng/ul
RT: 3.448 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

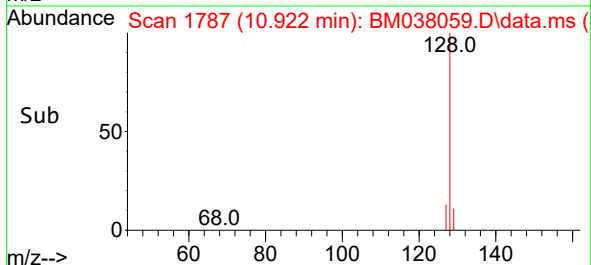
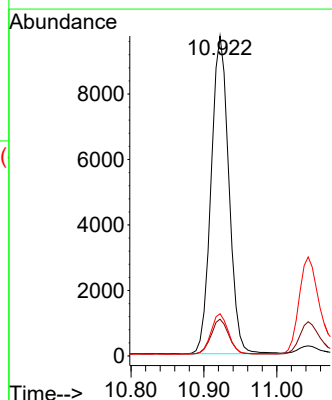
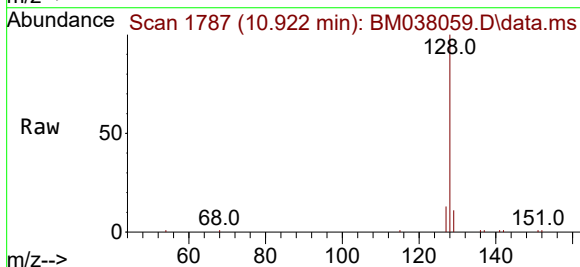
Instrument :
BNA_M
ClientSampleId :
SSTD0.4190

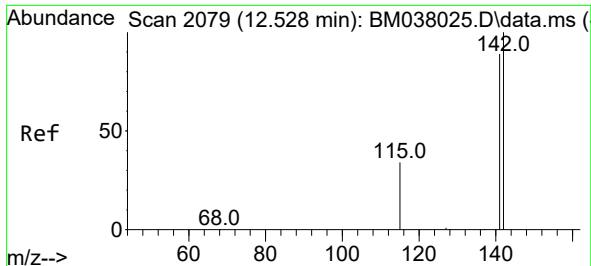
Tgt Ion: 88 Resp: 2114
Ion Ratio Lower Upper
88 100
43 31.4 31.4 47.0
58 50.2 50.2 75.2



#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

Tgt Ion: 128 Resp: 16366
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.2 10.4 15.6

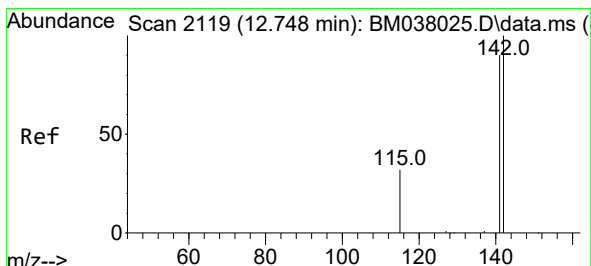
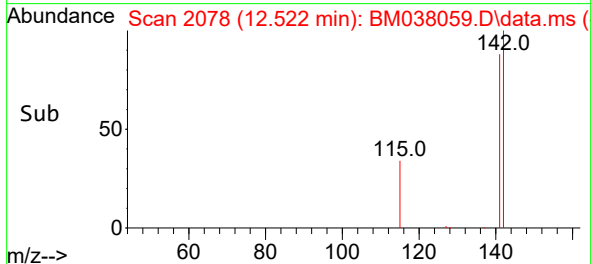
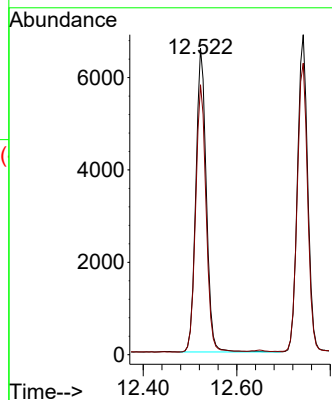
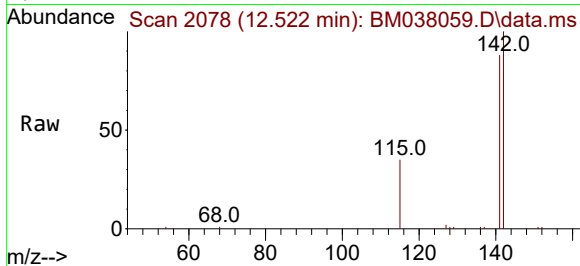




#7
2-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.522 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

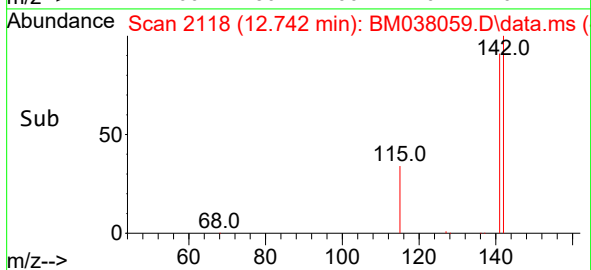
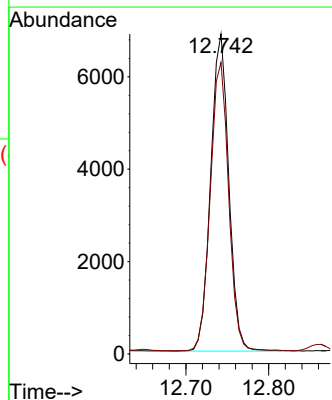
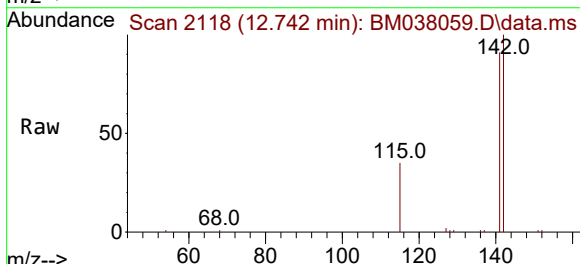
Instrument :
BNA_M
ClientSampleId :
SSTD0.4190

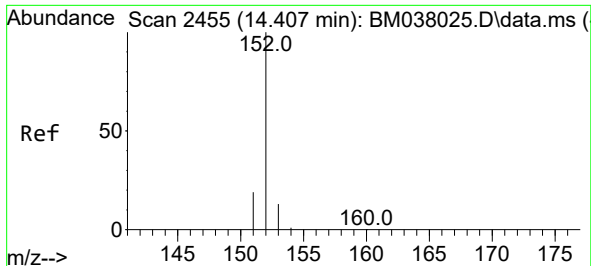
Tgt Ion:142 Resp: 10220
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.742 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

Tgt Ion:142 Resp: 10423
Ion Ratio Lower Upper
142 100
141 92.0 73.6 110.4

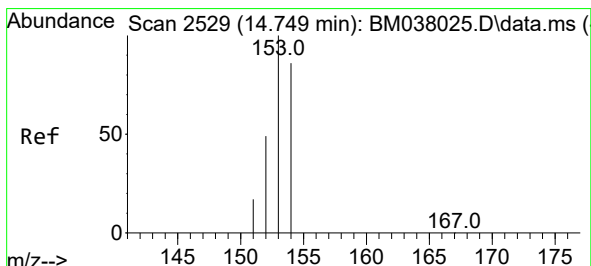
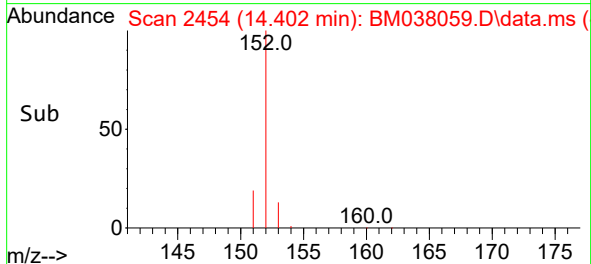
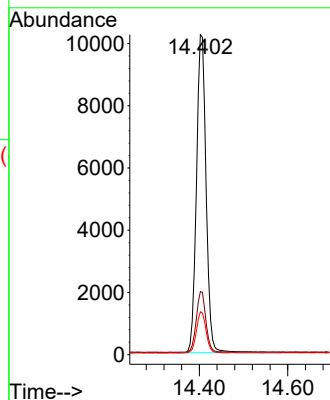
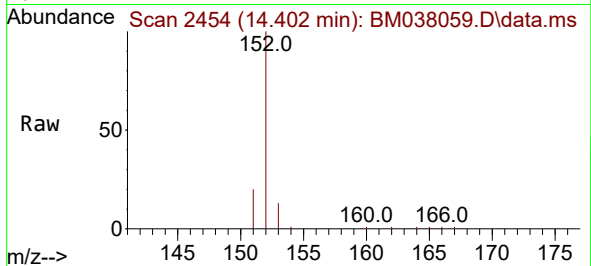




#10
Acenaphthylene
Concen: 0.398 ng/ul
RT: 14.402 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

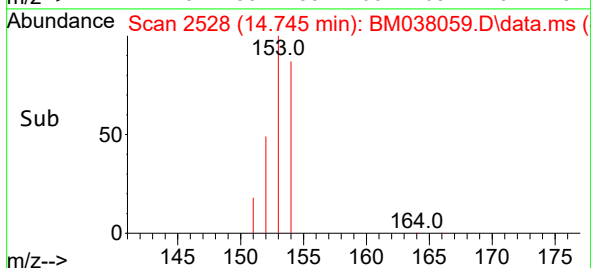
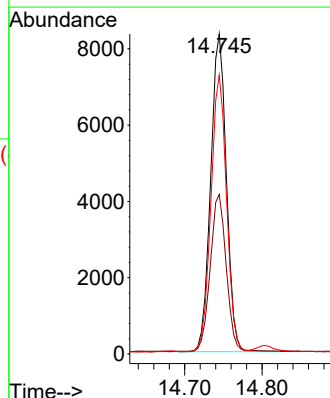
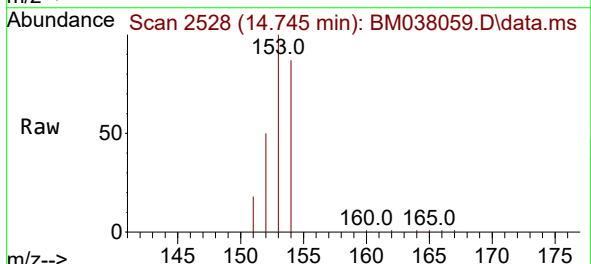
Instrument :
BNA_M
ClientSampleId :
SSTD0.4190

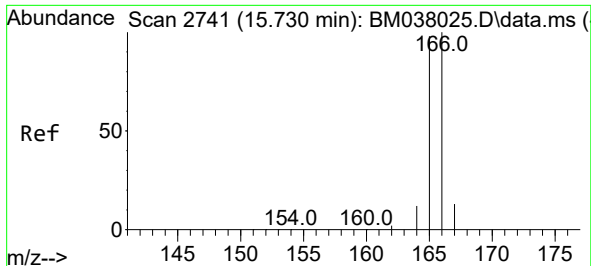
Tgt Ion:152 Resp: 15533
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.4 11.0 16.4



#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.745 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

Tgt Ion:153 Resp: 11733
Ion Ratio Lower Upper
153 100
152 49.8 39.5 59.3
154 87.2 69.2 103.8

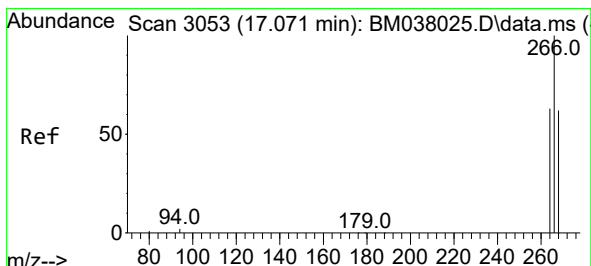
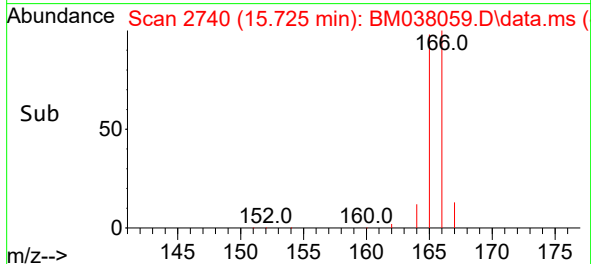
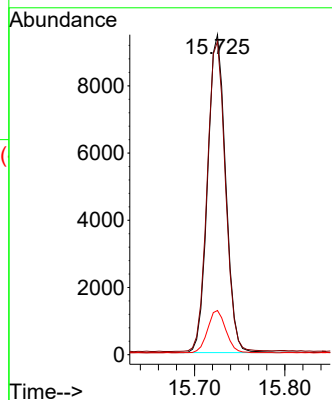
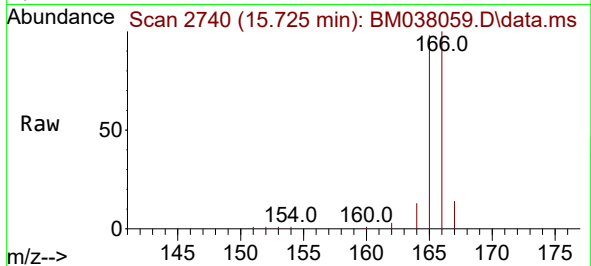




#12
Fluorene
Concen: 0.400 ng/ul
RT: 15.725 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

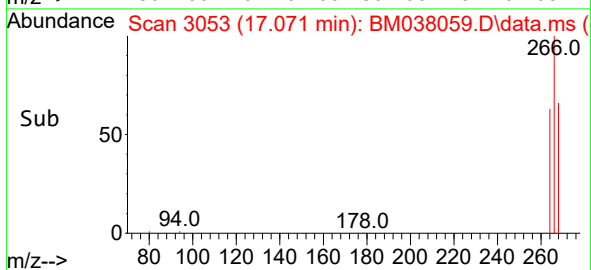
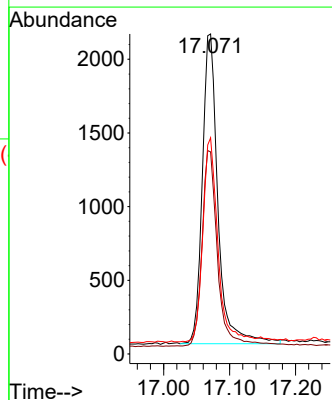
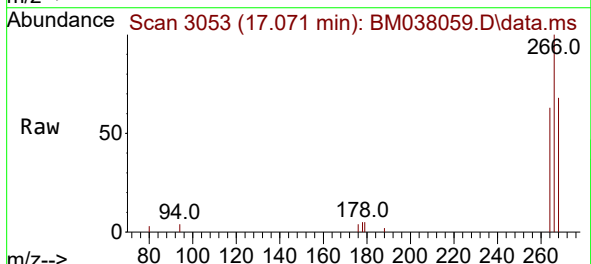
Instrument :
BNA_M
ClientSampleId :
SSTD0.4190

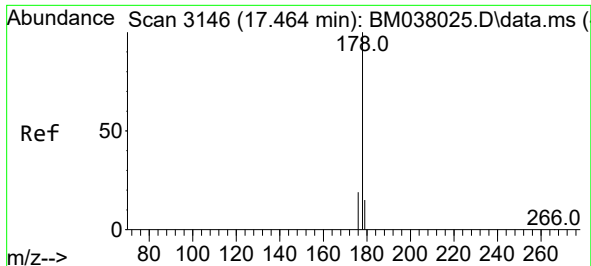
Tgt Ion:166 Resp: 13101
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.4
167 13.8 11.1 16.7



#14
Pentachlorophenol
Concen: 0.521 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

Tgt Ion:266 Resp: 3460
Ion Ratio Lower Upper
266 100
264 62.5 49.9 74.9
268 64.5 52.0 78.0

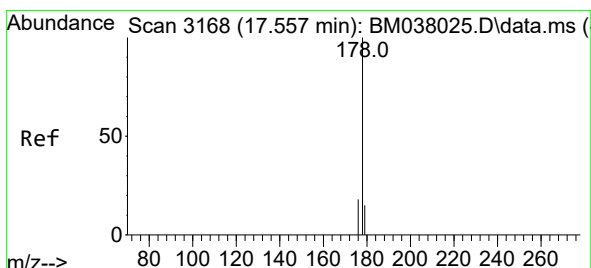
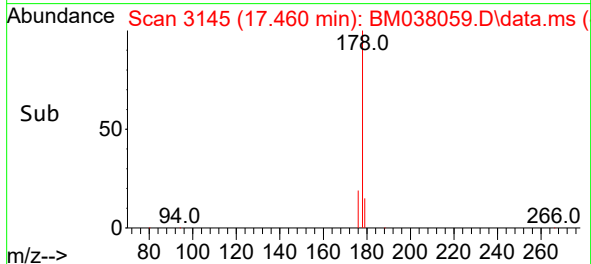
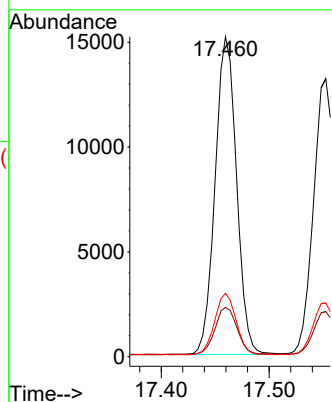
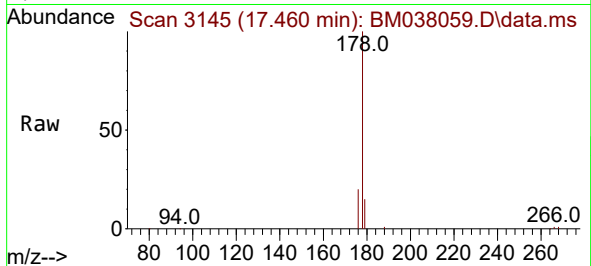




#15
Phenanthrene
Concen: 0.387 ng/ul
RT: 17.460 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

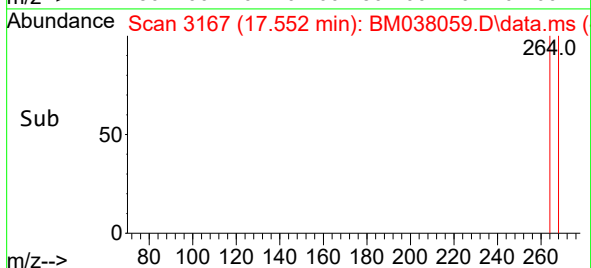
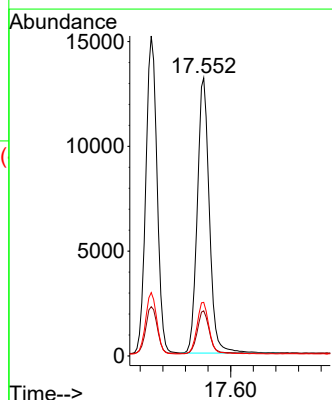
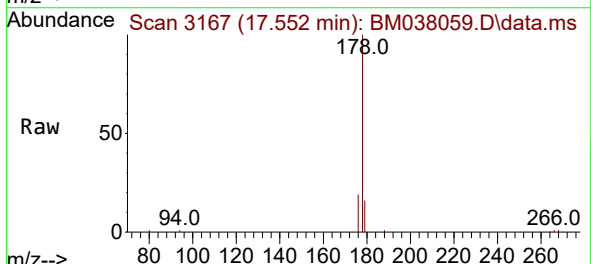
Instrument :
BNA_M
ClientSampleId :
SSTD0.4190

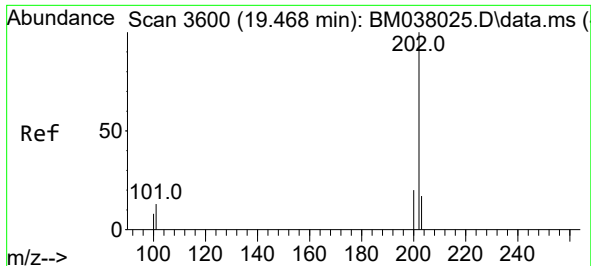
Tgt Ion:178 Resp: 20903
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.8 15.8 23.6



#16
Anthracene
Concen: 0.390 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

Tgt Ion:178 Resp: 19470
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 19.3 15.0 22.4

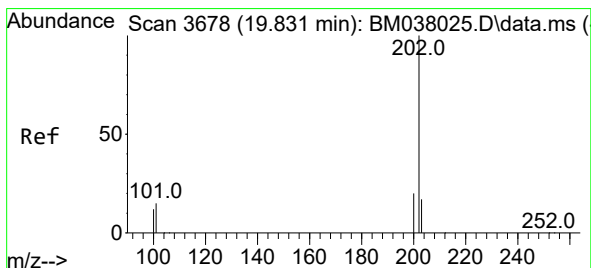
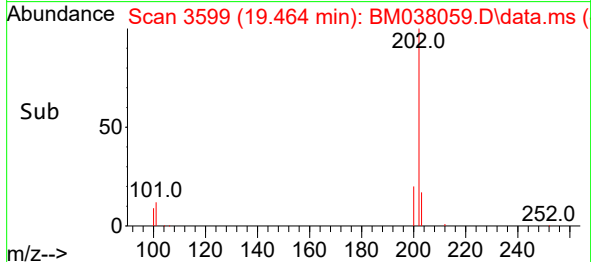
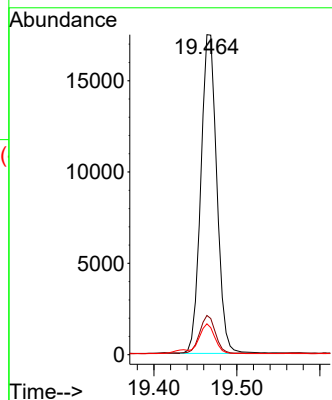
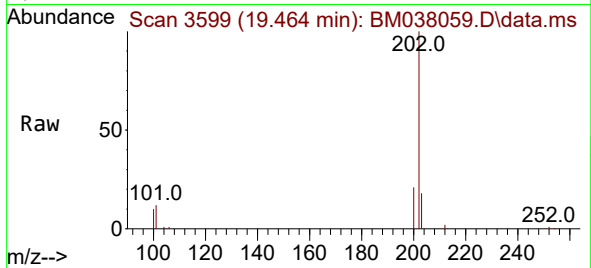




#19
Fluoranthene
Concen: 0.384 ng/ul
RT: 19.464 min Scan# 3599
Delta R.T. -0.005 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

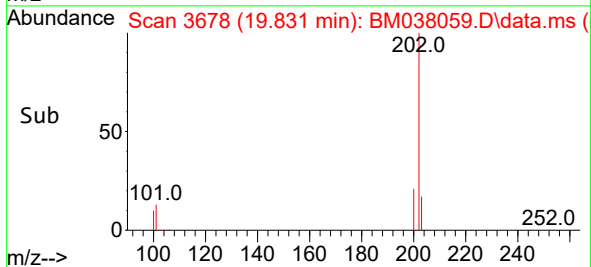
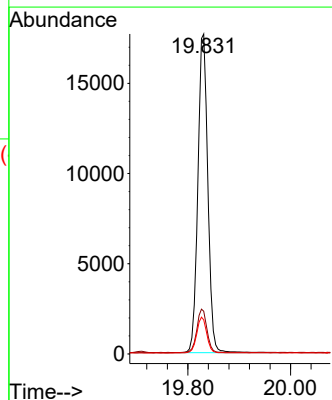
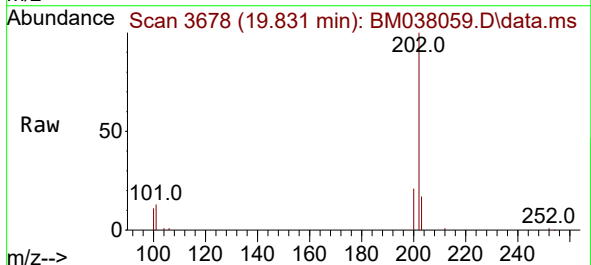
Instrument :
BNA_M
ClientSampleId :
SSTD0.4190

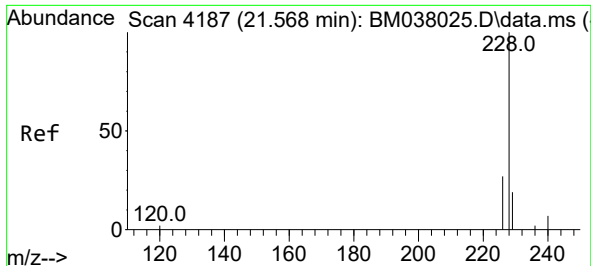
Tgt Ion:202 Resp: 23446
Ion Ratio Lower Upper
202 100
101 12.3 10.6 15.8
100 9.7 7.9 11.9



#20
Pyrene
Concen: 0.384 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

Tgt Ion:202 Resp: 23915
Ion Ratio Lower Upper
202 100
101 13.4 12.1 18.1
100 10.7 9.8 14.6

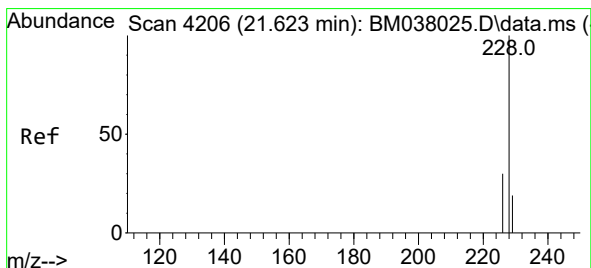
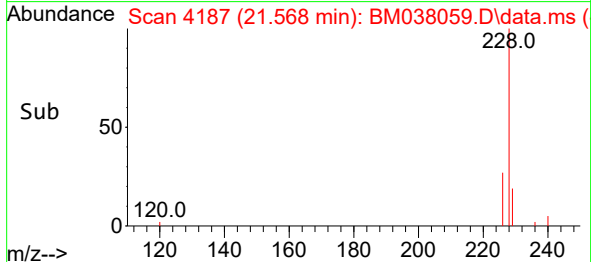
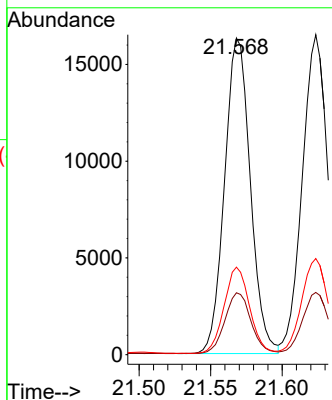
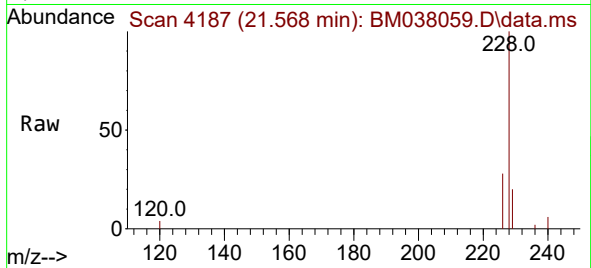




#21
Benzo(a)anthracene
Concen: 0.400 ng/ul
RT: 21.568 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

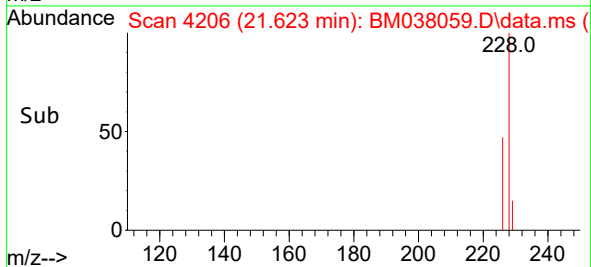
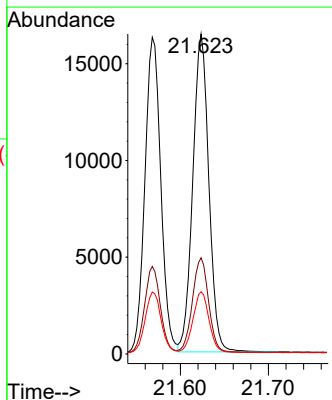
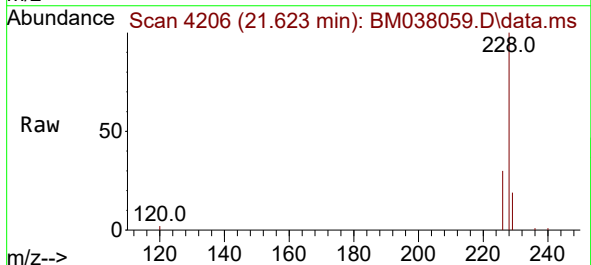
Instrument :
BNA_M
ClientSampleId :
SSTD0.4190

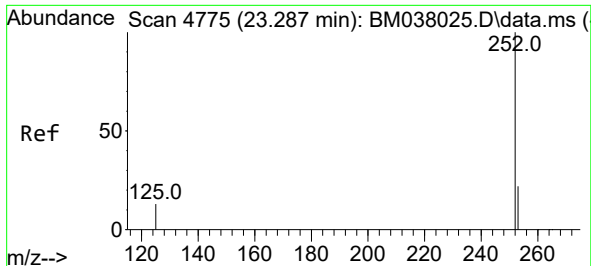
Tgt Ion:228 Resp: 20445
Ion Ratio Lower Upper
228 100
229 19.6 15.9 23.9
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.623 min Scan# 4206
Delta R.T. 0.000 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

Tgt Ion:228 Resp: 20830
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.5 15.7 23.5

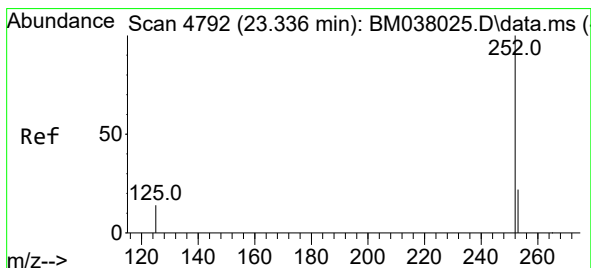
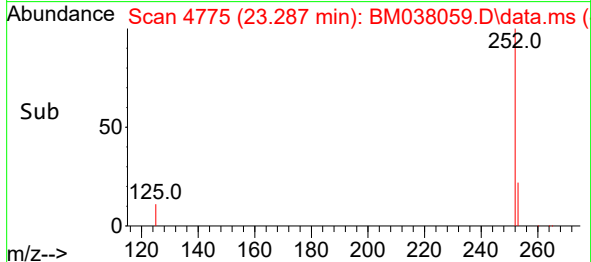
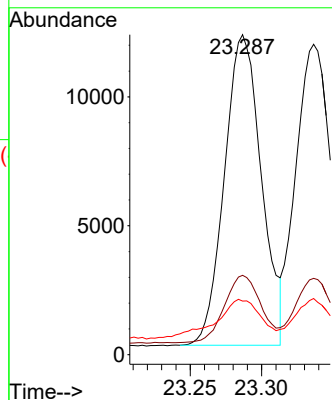
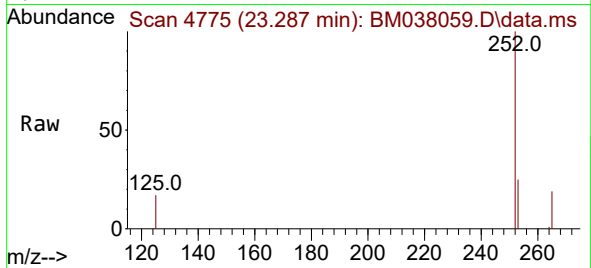




#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 23.287 min Scan# 4775
Delta R.T. 0.000 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

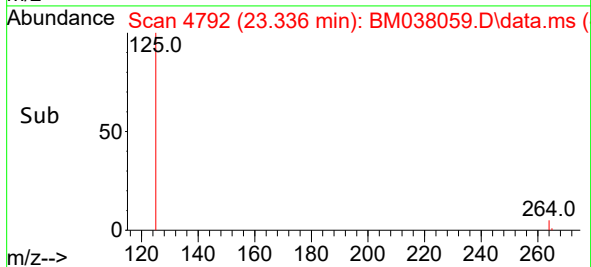
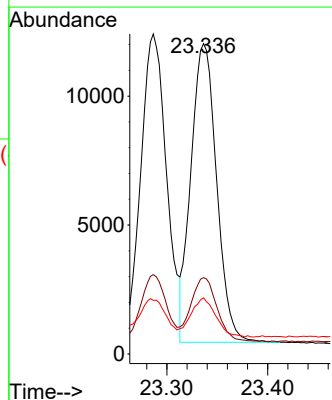
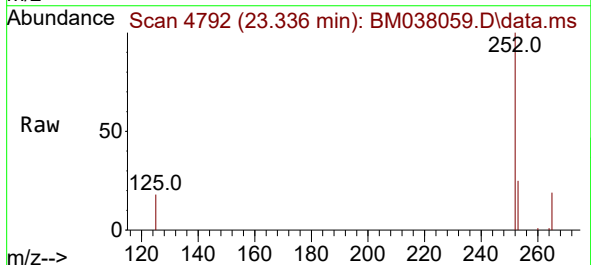
Instrument :
BNA_M
ClientSampleId :
SSTD0.4190

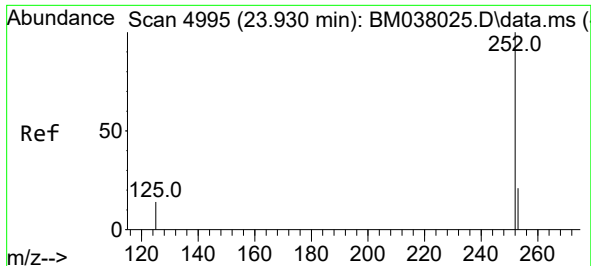
Tgt Ion:252 Resp: 21686
Ion Ratio Lower Upper
252 100
253 24.8 0.0 51.8
125 16.7 0.0 42.2



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 23.336 min Scan# 4792
Delta R.T. 0.000 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

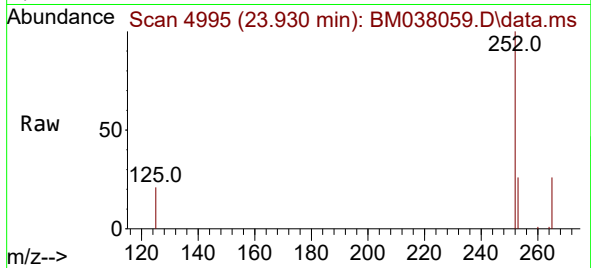
Tgt Ion:252 Resp: 20494
Ion Ratio Lower Upper
252 100
253 24.6 20.8 31.2
125 18.1 17.1 25.7



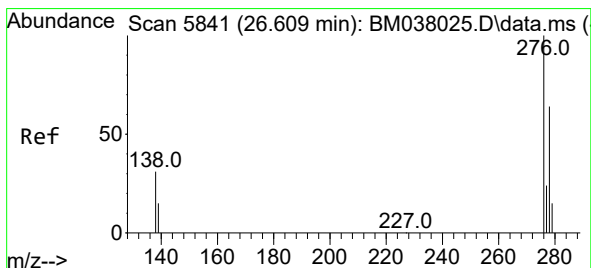
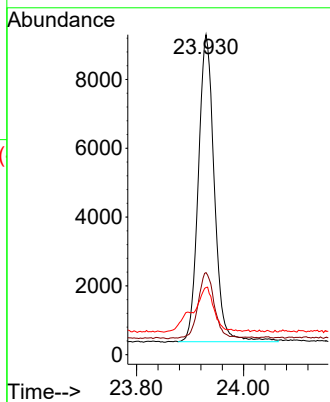
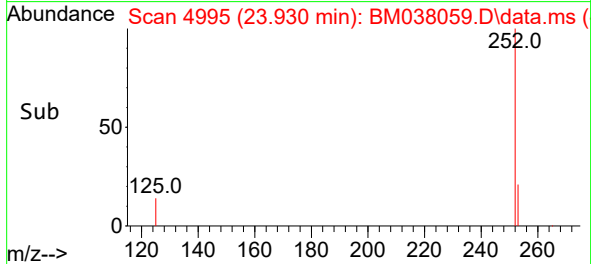


#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.930 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

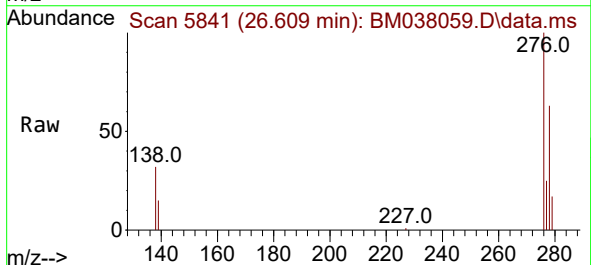
Instrument :
BNA_M
ClientSampleId :
SSTD0.4190



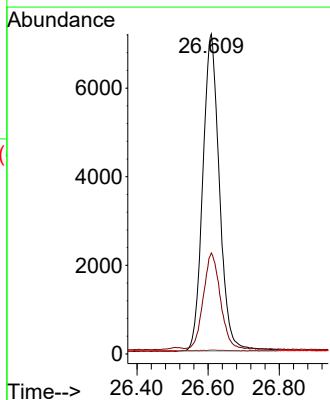
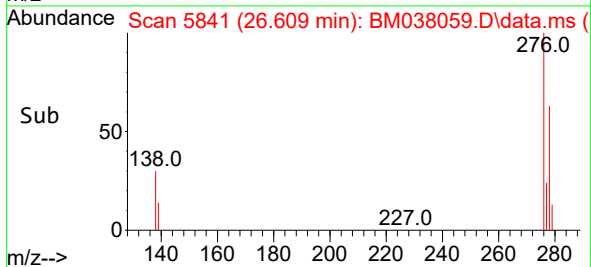
Tgt Ion:252 Resp: 18425
Ion Ratio Lower Upper
252 100
253 25.6 21.9 32.9
125 21.0 20.7 31.1

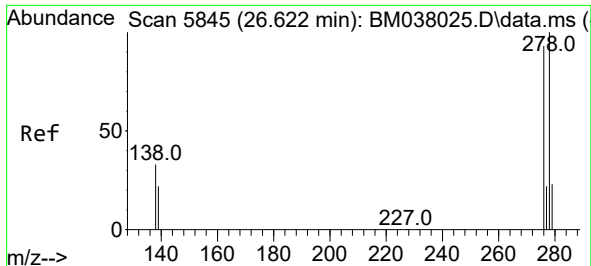


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 26.609 min Scan# 5841
Delta R.T. 0.000 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05



Tgt Ion:276 Resp: 23433
Ion Ratio Lower Upper
276 100
138 30.7 26.6 40.0
227 0.1 0.1 0.1#

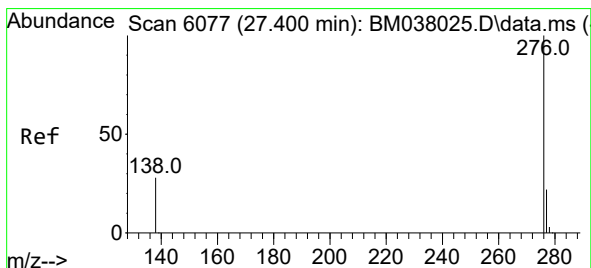
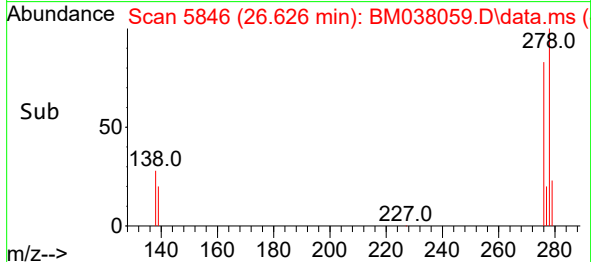
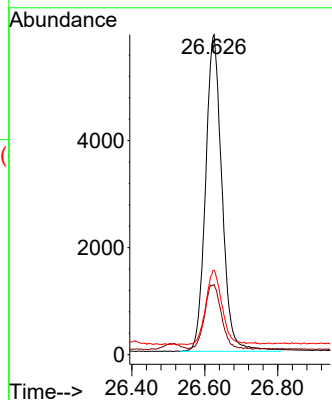
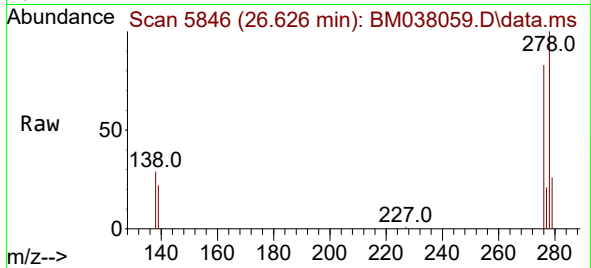




#28
Dibenzo(a,h)anthracene
Concen: 0.395 ng/ul
RT: 26.626 min Scan# 5845
Delta R.T. 0.003 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4190

Tgt Ion:278 Resp: 18493
Ion Ratio Lower Upper
278 100
139 21.9 19.0 28.6
279 26.4 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.384 ng/ul
RT: 27.400 min Scan# 6077
Delta R.T. 0.000 min
Lab File: BM038059.D
Acq: 16 Dec 2022 09:05

Tgt Ion:276 Resp: 19604
Ion Ratio Lower Upper
276 100
138 27.7 24.1 36.1
277 24.4 19.0 28.6

