

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
 Data File : BM040239.D
 Acq On : 14 Jun 2023 15:45
 Operator : MA/JU
 Sample : SSTD1.686
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6019

Quant Time: Jun 15 00:21:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:19:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

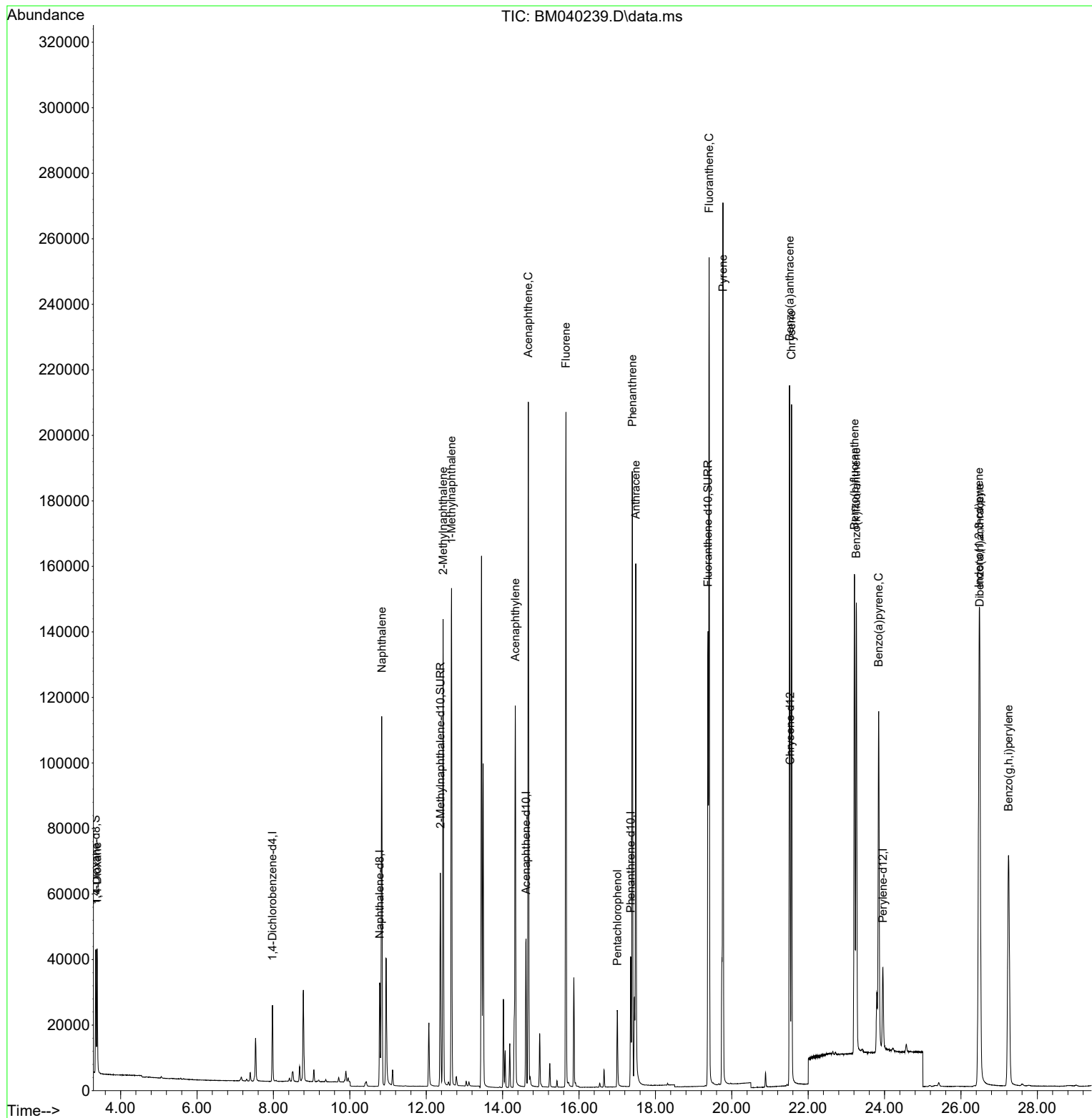
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.974	152	11788	0.400	ng/ul	0.00
4) Naphthalene-d8	10.782	136	42252	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.613	164	24368	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.356	188	47315	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	43719	0.400	ng/ul	0.00
23) Perylene-d12	23.957	264	35198	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	22372	1.531	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	83535	1.558	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	148508	1.362	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.384	88	23720	1.551	ng/ul#	79
5) Naphthalene	10.837	128	153556	1.534	ng/ul	99
7) 2-Methylnaphthalene	12.443	142	97819	1.572	ng/ul	100
8) 1-Methylnaphthalene	12.663	142	102149	1.568	ng/ul	100
10) Acenaphthylene	14.331	152	131935	1.548	ng/ul	99
11) Acenaphthene	14.673	153	112169	1.535	ng/ul	99
12) Fluorene	15.658	166	126343	1.551	ng/ul	99
14) Pentachlorophenol	17.002	266	15919	1.650	ng/ul	99
15) Phenanthrene	17.394	178	189906	1.525	ng/ul	99
16) Anthracene	17.487	178	173936	1.650	ng/ul	99
19) Fluoranthene	19.406	202	203832	1.368	ng/ul	99
20) Pyrene	19.769	202	210531	1.360	ng/ul	99
21) Benzo(a)anthracene	21.513	228	174615	1.353	ng/ul	99
22) Chrysene	21.563	228	180588	1.324	ng/ul	99
24) Benzo(b)fluoranthene	23.212	252	191387	1.476	ng/ul	92
25) Benzo(k)fluoranthene	23.261	252	178284	1.462	ng/ul#	90
26) Benzo(a)pyrene	23.846	252	155548	1.462	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.476	276	195133	1.448	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.493	278	157647	1.458	ng/ul	95
29) Benzo(g,h,i)perylene	27.247	276	159203	1.415	ng/ul	98

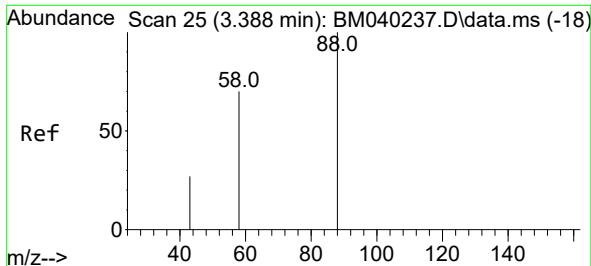
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
Data File : BM040239.D
Acq On : 14 Jun 2023 15:45
Operator : MA/JU
Sample : SST1.686
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

Quant Time: Jun 15 00:21:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:19:21 2023
Response via : Initial Calibration

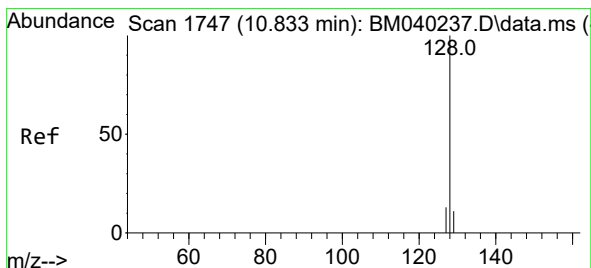
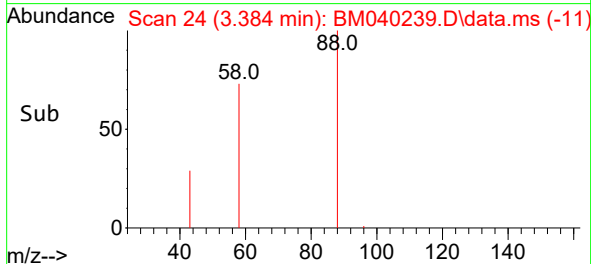
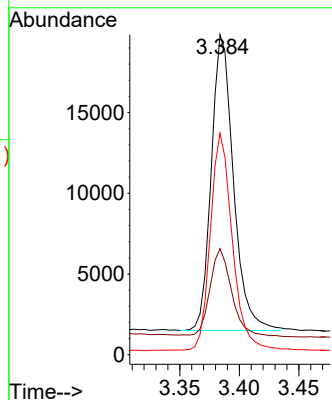
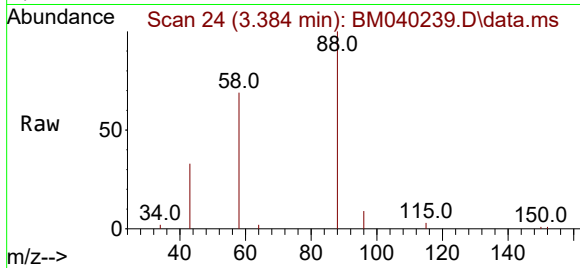




#2
1,4-Dioxane
Concen: 1.551 ng/ul
RT: 3.384 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

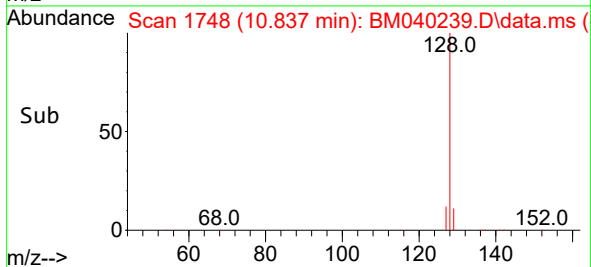
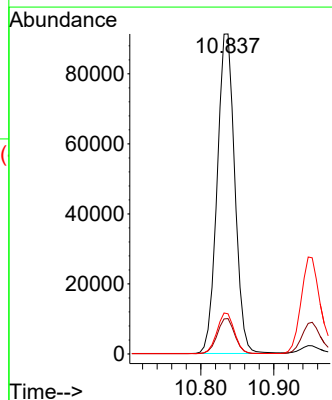
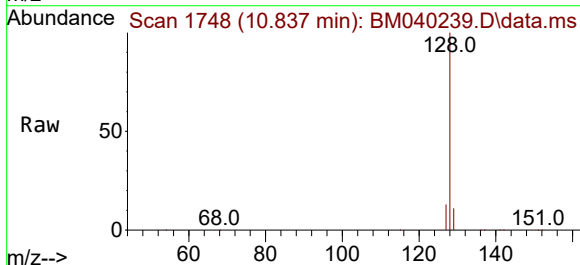
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

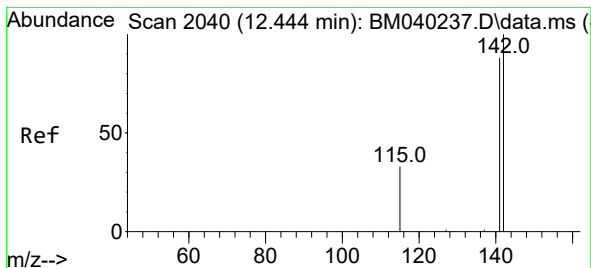
Tgt Ion: 88 Resp: 23720
Ion Ratio Lower Upper
88 100
43 33.1 30.3 45.5
58 69.2 38.8 58.2#



#5
Naphthalene
Concen: 1.534 ng/ul
RT: 10.837 min Scan# 1748
Delta R.T. 0.004 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

Tgt Ion: 128 Resp: 153556
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 12.5 10.4 15.6

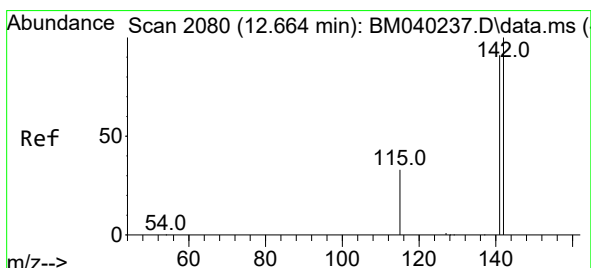
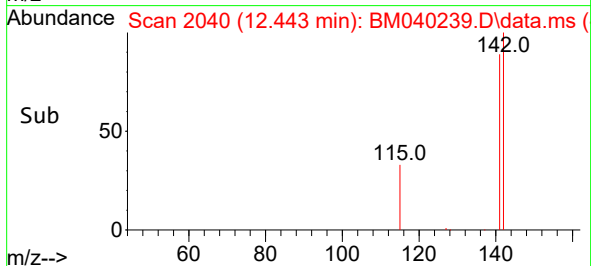
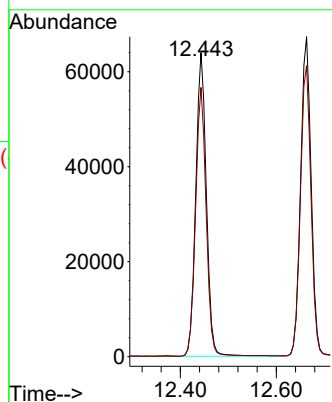
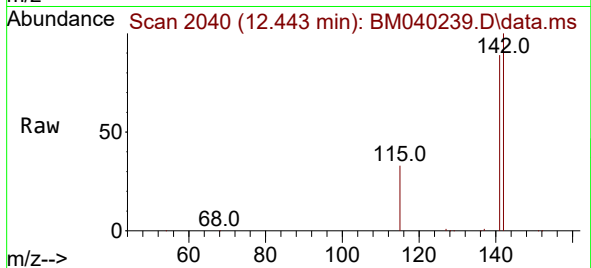




#7
2-Methylnaphthalene
Concen: 1.572 ng/ul
RT: 12.443 min Scan# 2040
Delta R.T. -0.001 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

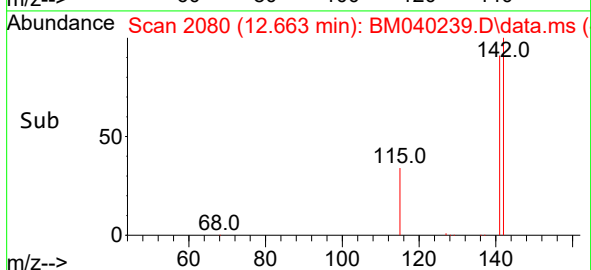
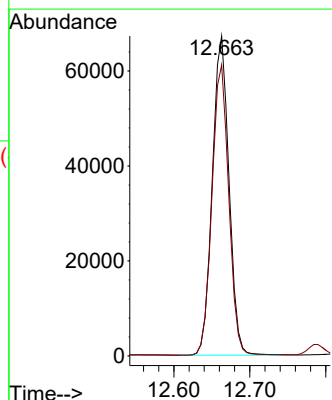
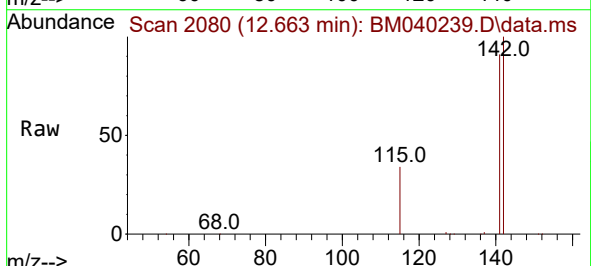
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

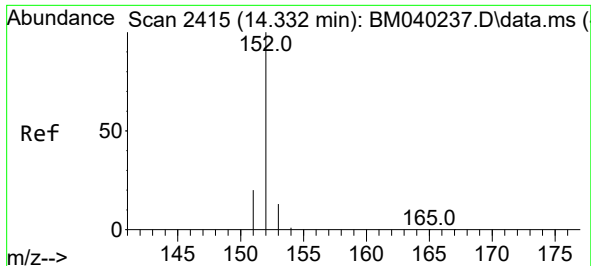
Tgt Ion:142 Resp: 97819
Ion Ratio Lower Upper
142 100
141 88.6 70.6 106.0



#8
1-Methylnaphthalene
Concen: 1.568 ng/ul
RT: 12.663 min Scan# 2080
Delta R.T. -0.001 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

Tgt Ion:142 Resp: 102149
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4

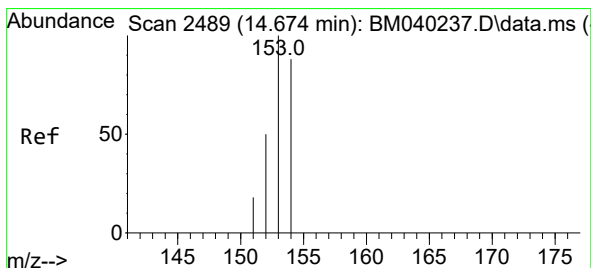
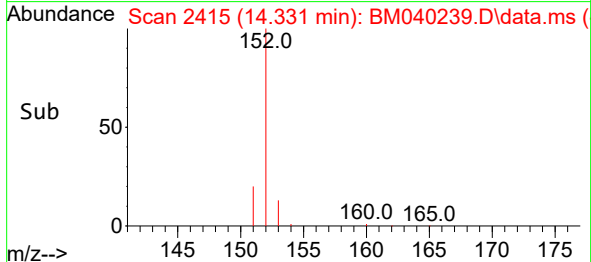
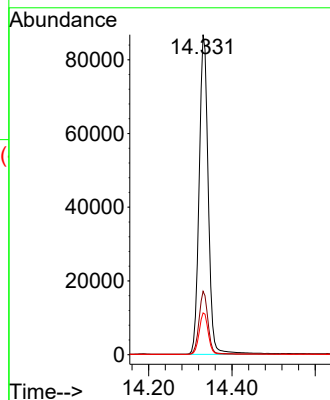
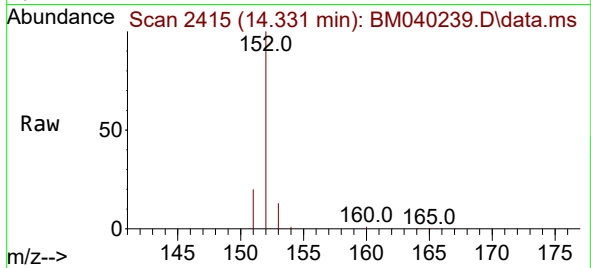




#10
Acenaphthylene
Concen: 1.548 ng/ul
RT: 14.331 min Scan# 2415
Delta R.T. -0.001 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

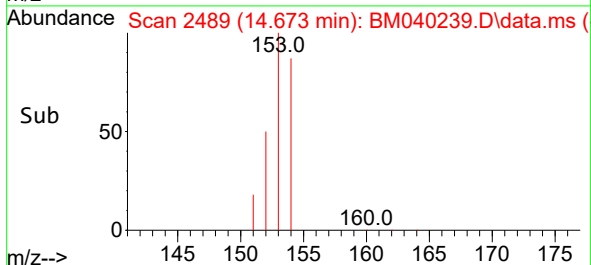
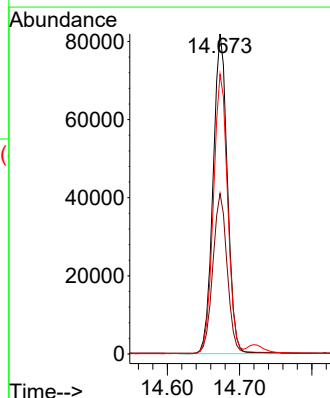
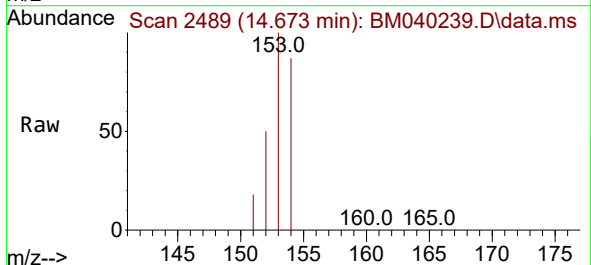
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

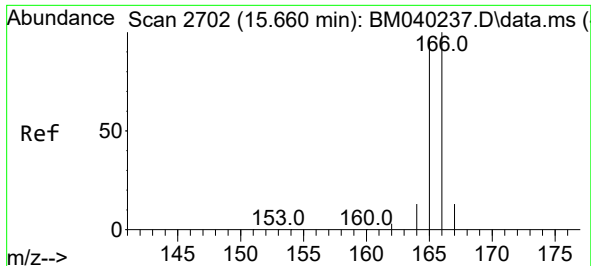
Tgt Ion:152 Resp: 131935
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.0 10.7 16.1



#11
Acenaphthene
Concen: 1.535 ng/ul
RT: 14.673 min Scan# 2489
Delta R.T. -0.001 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

Tgt Ion:153 Resp: 112169
Ion Ratio Lower Upper
153 100
152 50.1 40.3 60.5
154 87.5 70.5 105.7

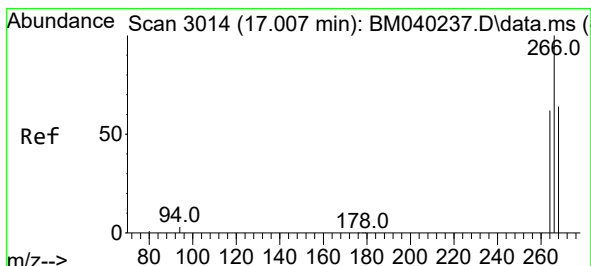
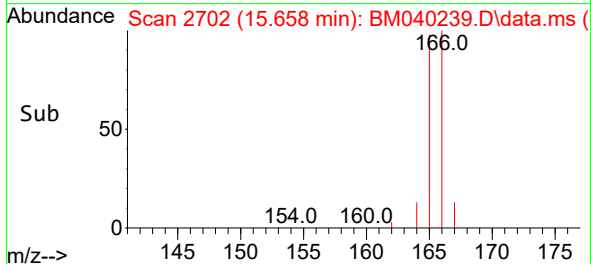
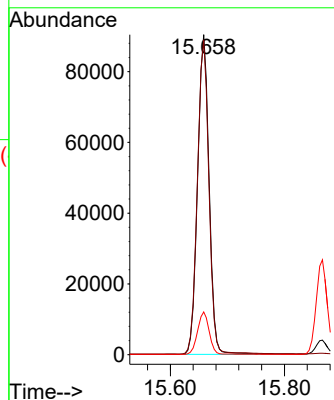
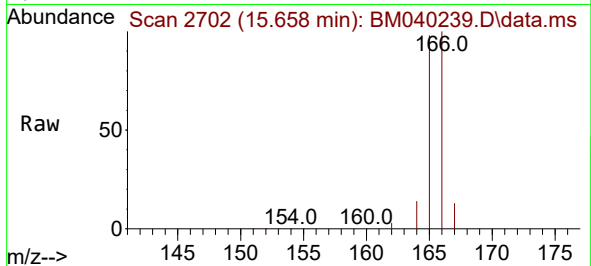




#12
Fluorene
Concen: 1.551 ng/ul
RT: 15.658 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

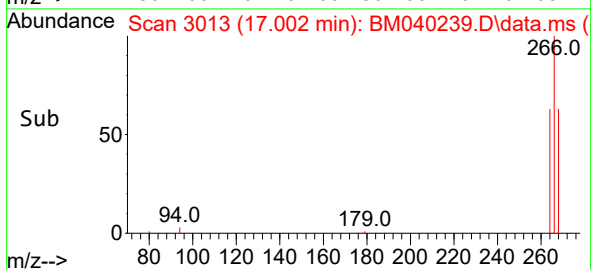
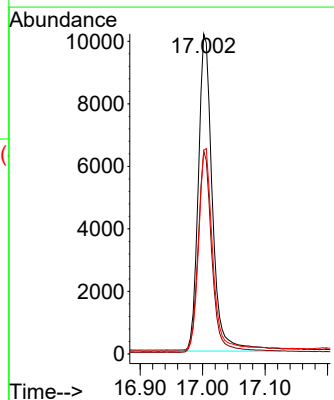
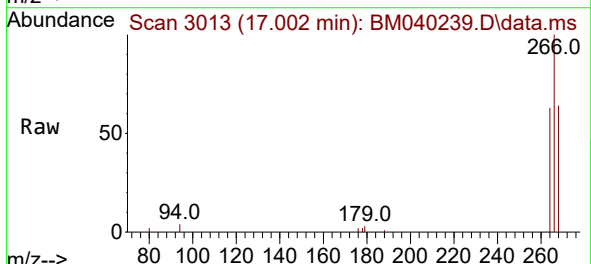
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

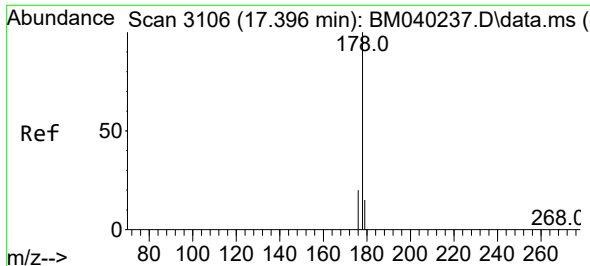
Tgt Ion:166 Resp: 126343
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.4
167 13.4 11.0 16.4



#14
Pentachlorophenol
Concen: 1.650 ng/ul
RT: 17.002 min Scan# 3013
Delta R.T. -0.006 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

Tgt Ion:266 Resp: 15919
Ion Ratio Lower Upper
266 100
264 62.5 49.4 74.0
268 63.6 51.3 76.9

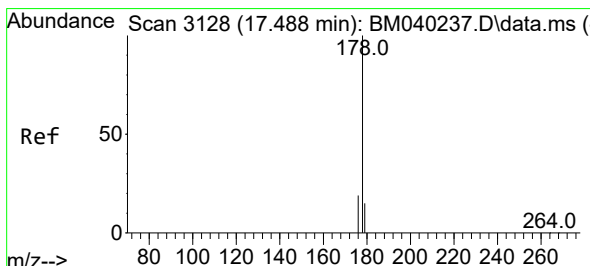
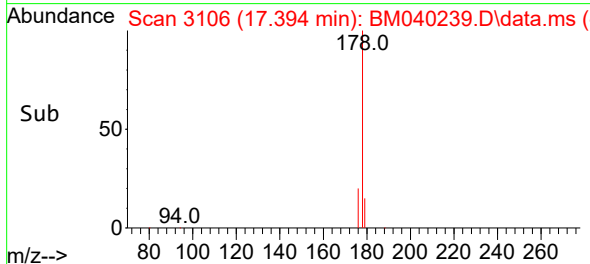
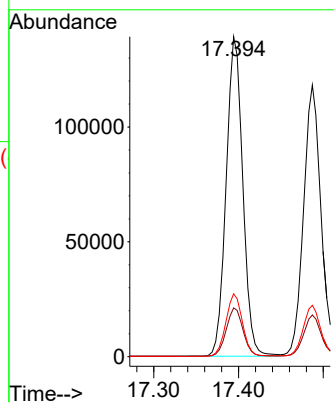
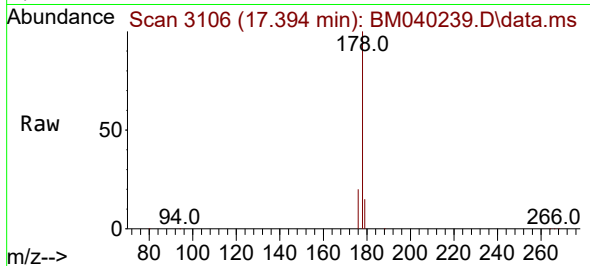




#15
Phenanthrene
Concen: 1.525 ng/ul
RT: 17.394 min Scan# 3106
Delta R.T. -0.001 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

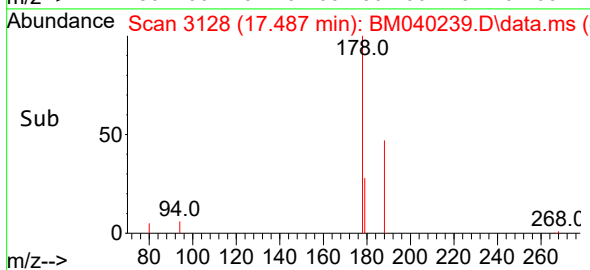
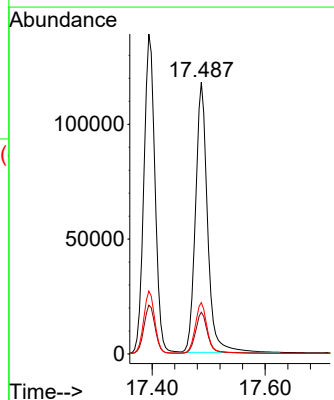
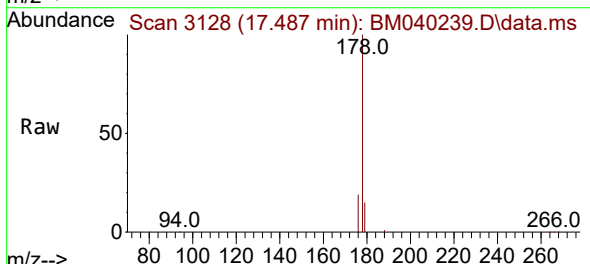
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

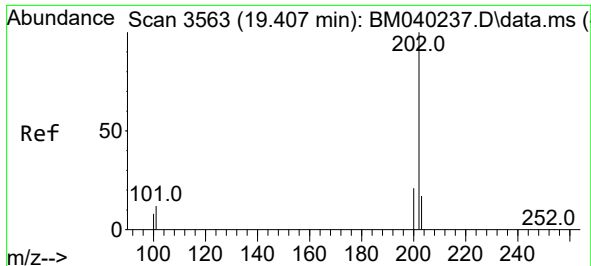
Tgt Ion:178 Resp: 189906
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 19.6 16.1 24.1



#16
Anthracene
Concen: 1.650 ng/ul
RT: 17.487 min Scan# 3128
Delta R.T. -0.001 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

Tgt Ion:178 Resp: 173936
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 18.9 15.5 23.3

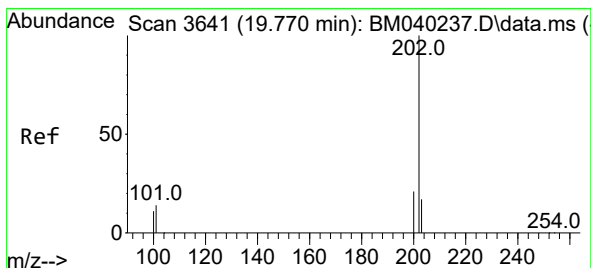
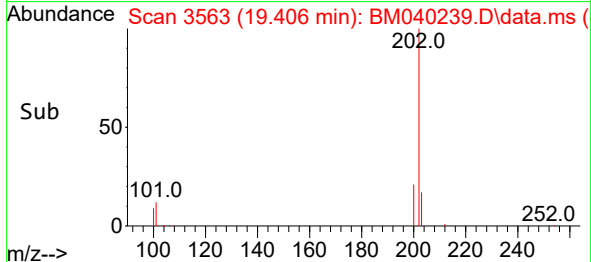
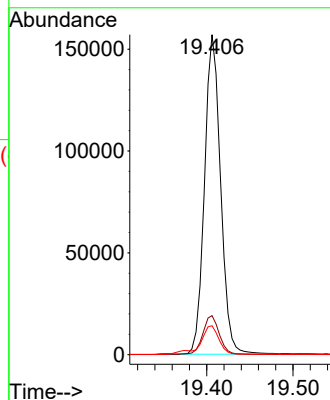
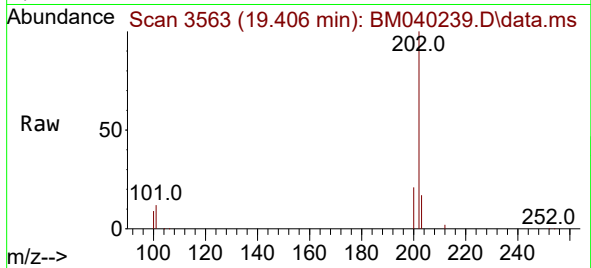




#19
Fluoranthene
Concen: 1.368 ng/ul
RT: 19.406 min Scan# 3563
Delta R.T. -0.001 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

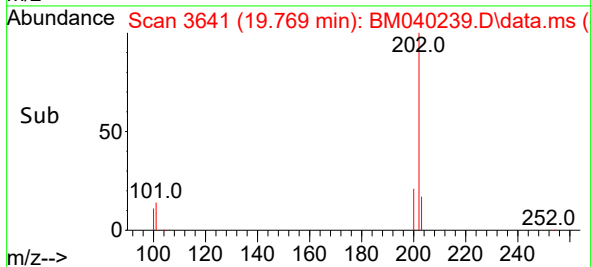
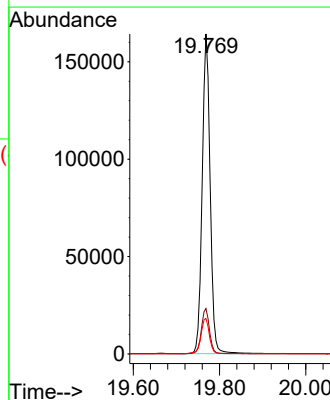
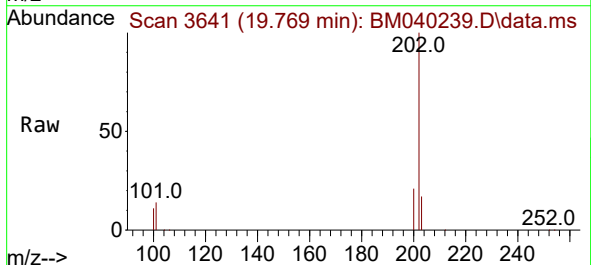
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

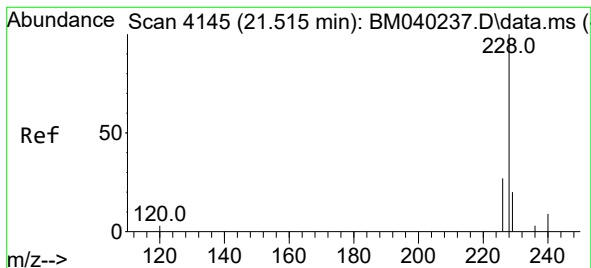
Tgt Ion:202 Resp: 203832
Ion Ratio Lower Upper
202 100
101 12.2 10.2 15.4
100 9.1 7.6 11.4



#20
Pyrene
Concen: 1.360 ng/ul
RT: 19.769 min Scan# 3641
Delta R.T. -0.001 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

Tgt Ion:202 Resp: 210531
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.8
100 11.1 9.3 13.9





#21

Benzo(a)anthracene

Concen: 1.353 ng/ul

RT: 21.513 min Scan# 41

Delta R.T. -0.001 min

Lab File: BM040239.D

Acq: 14 Jun 2023 15:45

Instrument :

BNA_M

ClientSampleId :

SSTD1.6019

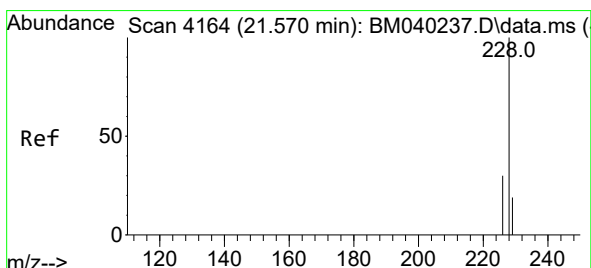
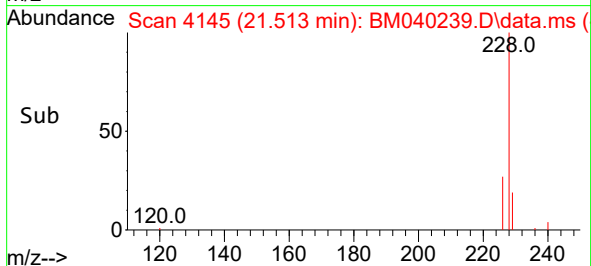
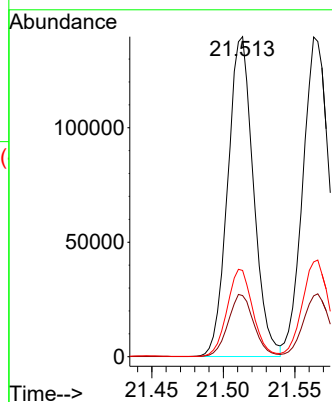
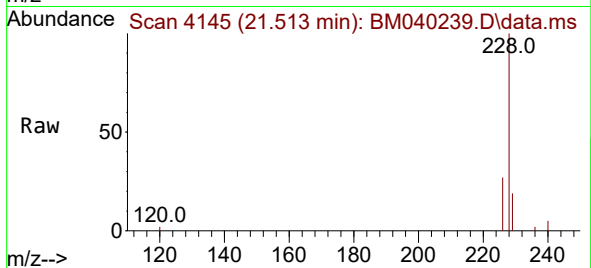
Tgt Ion:228 Resp: 174615

Ion Ratio Lower Upper

228 100

229 19.1 15.8 23.8

226 27.0 22.0 33.0



#22

Chrysene

Concen: 1.324 ng/ul

RT: 21.563 min Scan# 4162

Delta R.T. -0.007 min

Lab File: BM040239.D

Acq: 14 Jun 2023 15:45

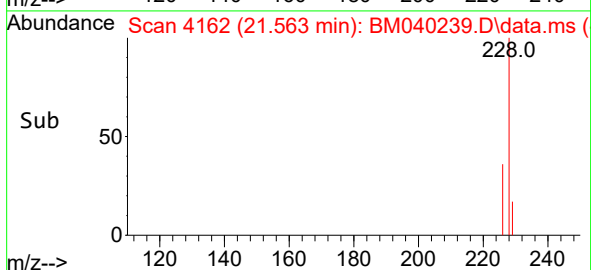
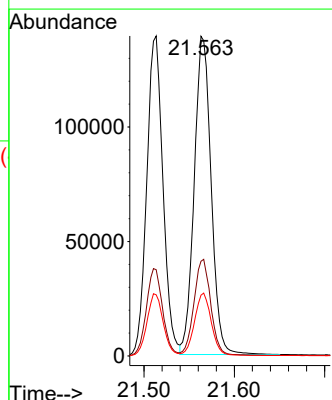
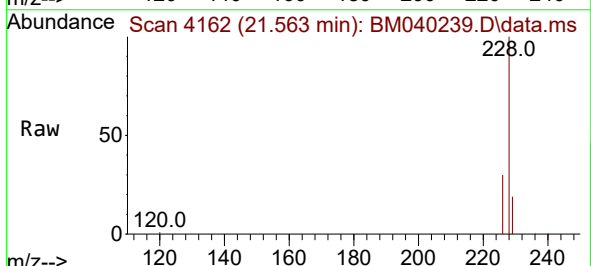
Tgt Ion:228 Resp: 180588

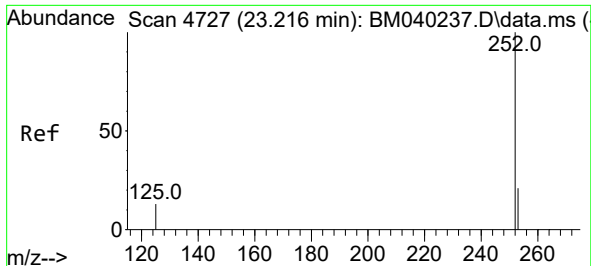
Ion Ratio Lower Upper

228 100

226 29.7 24.3 36.5

229 19.0 15.7 23.5

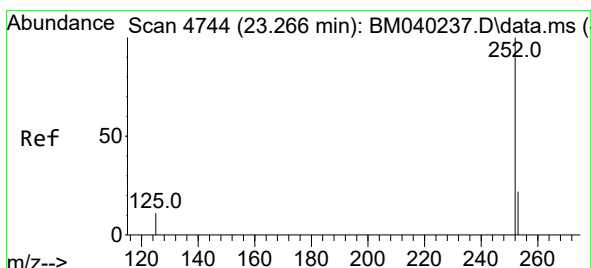
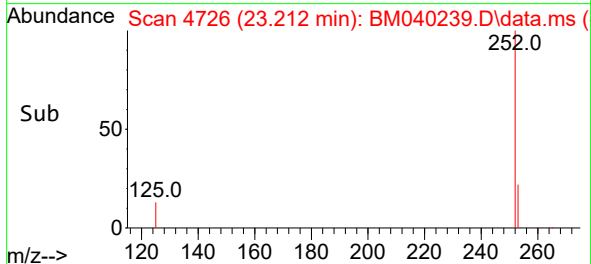
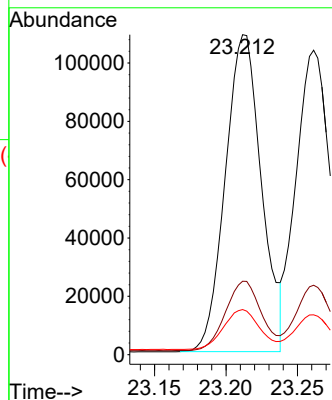
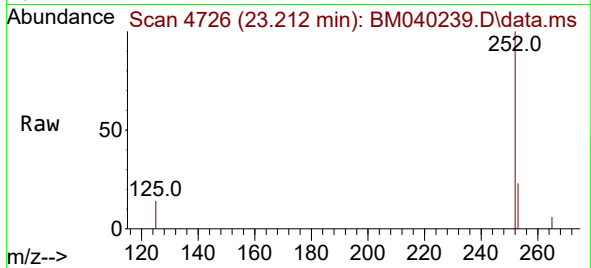




#24
Benzo(b)fluoranthene
Concen: 1.476 ng/ul
RT: 23.212 min Scan# 4726
Delta R.T. -0.004 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

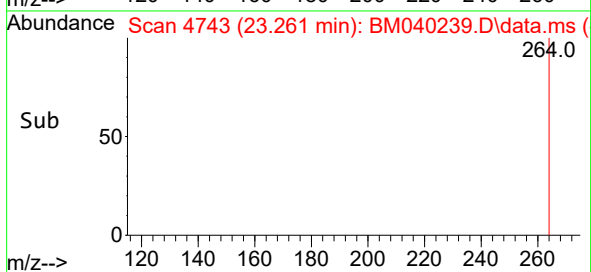
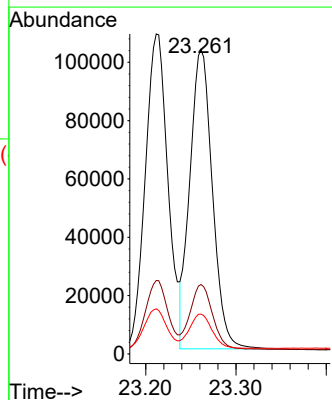
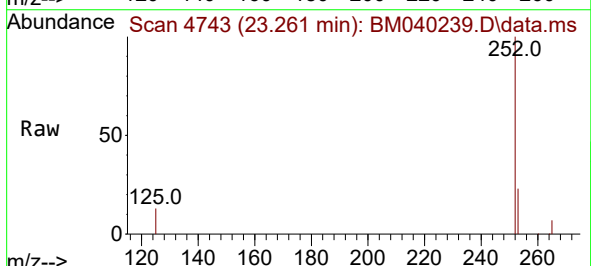
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

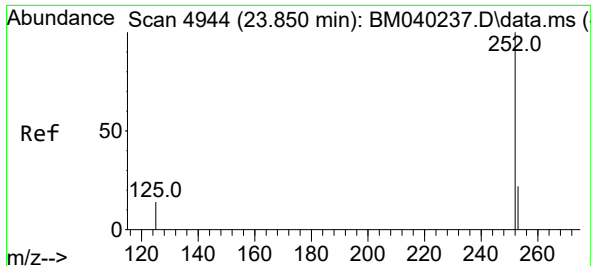
Tgt Ion:252 Resp: 191387
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.4
125 14.1 0.0 38.4



#25
Benzo(k)fluoranthene
Concen: 1.462 ng/ul
RT: 23.261 min Scan# 4743
Delta R.T. -0.004 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

Tgt Ion:252 Resp: 178284
Ion Ratio Lower Upper
252 100
253 22.8 21.5 32.3
125 13.1 14.7 22.1#

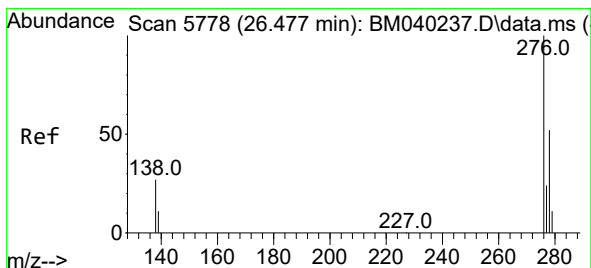
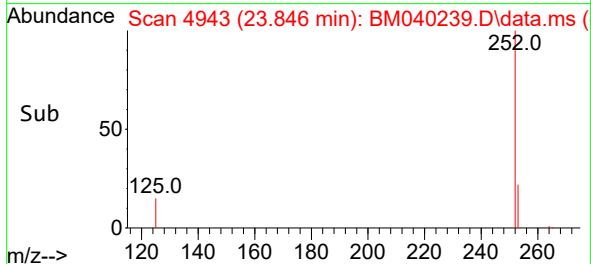
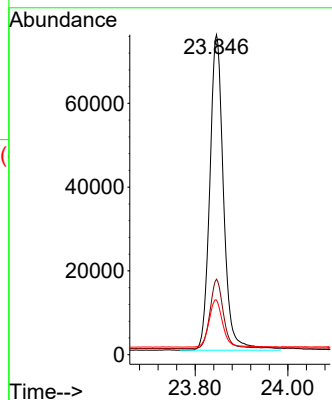
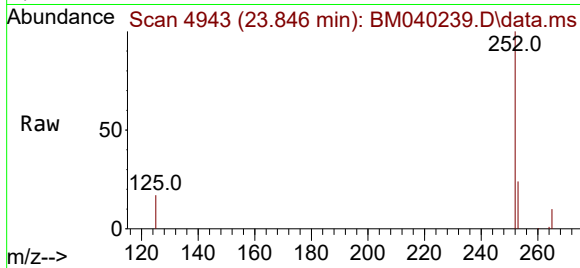




#26
Benzo(a)pyrene
Concen: 1.462 ng/ul
RT: 23.846 min Scan# 4944
Delta R.T. -0.004 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

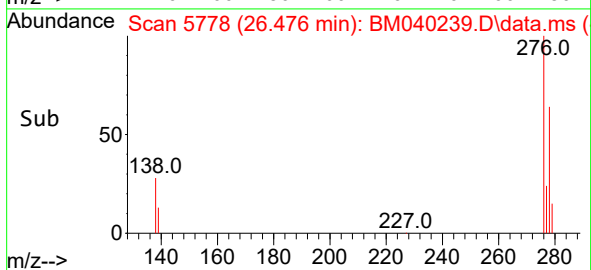
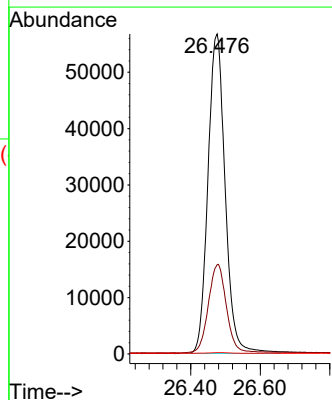
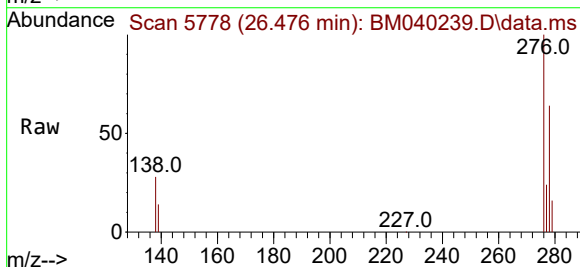
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

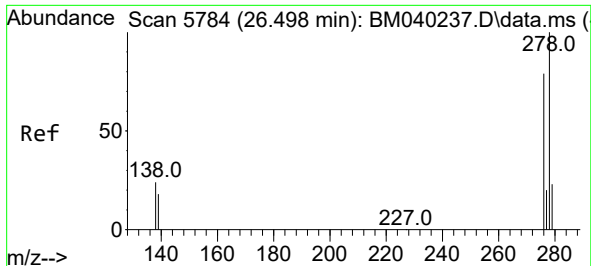
Tgt Ion:252 Resp: 155548
Ion Ratio Lower Upper
252 100
253 23.6 23.4 35.0
125 17.1 19.7 29.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.448 ng/ul
RT: 26.476 min Scan# 5778
Delta R.T. -0.001 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

Tgt Ion:276 Resp: 195133
Ion Ratio Lower Upper
276 100
138 29.1 23.3 34.9
227 0.2 0.1 0.1#



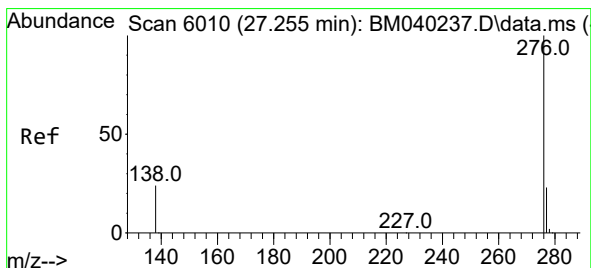
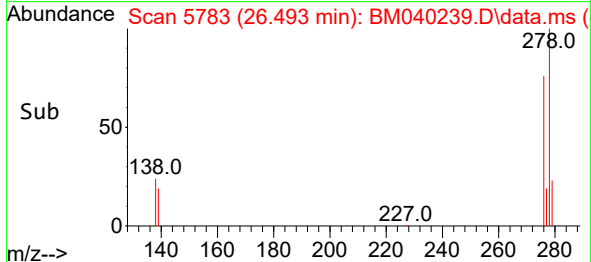
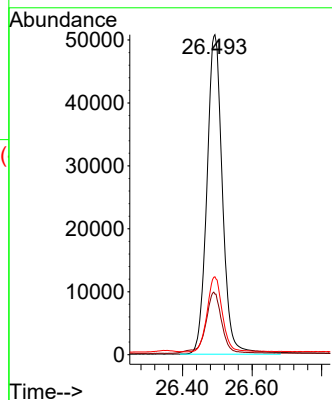
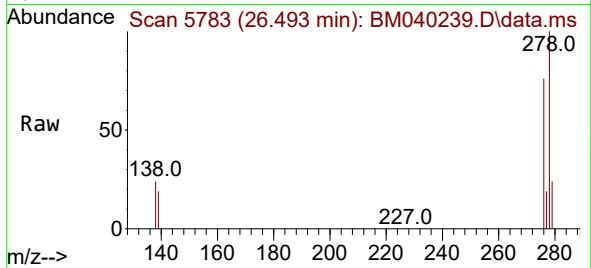


#28
Dibenzo(a,h)anthracene
Concen: 1.458 ng/ul
RT: 26.493 min Scan# 51
Delta R.T. -0.005 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

Tgt Ion:278 Resp: 157647

Ion	Ratio	Lower	Upper
278	100		
139	19.0	16.4	24.6
279	24.3	21.8	32.8



#29
Benzo(g,h,i)perylene
Concen: 1.415 ng/ul
RT: 27.247 min Scan# 6008
Delta R.T. -0.008 min
Lab File: BM040239.D
Acq: 14 Jun 2023 15:45

Tgt Ion:276 Resp: 159203

Ion	Ratio	Lower	Upper
276	100		
138	25.0	21.0	31.4
277	23.6	19.6	29.4

