

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
 Data File : BM040236.D
 Acq On : 14 Jun 2023 13:17
 Operator : MA/JU
 Sample : SSTD0.283
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.2016

Quant Time: Jun 15 00:20:57 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

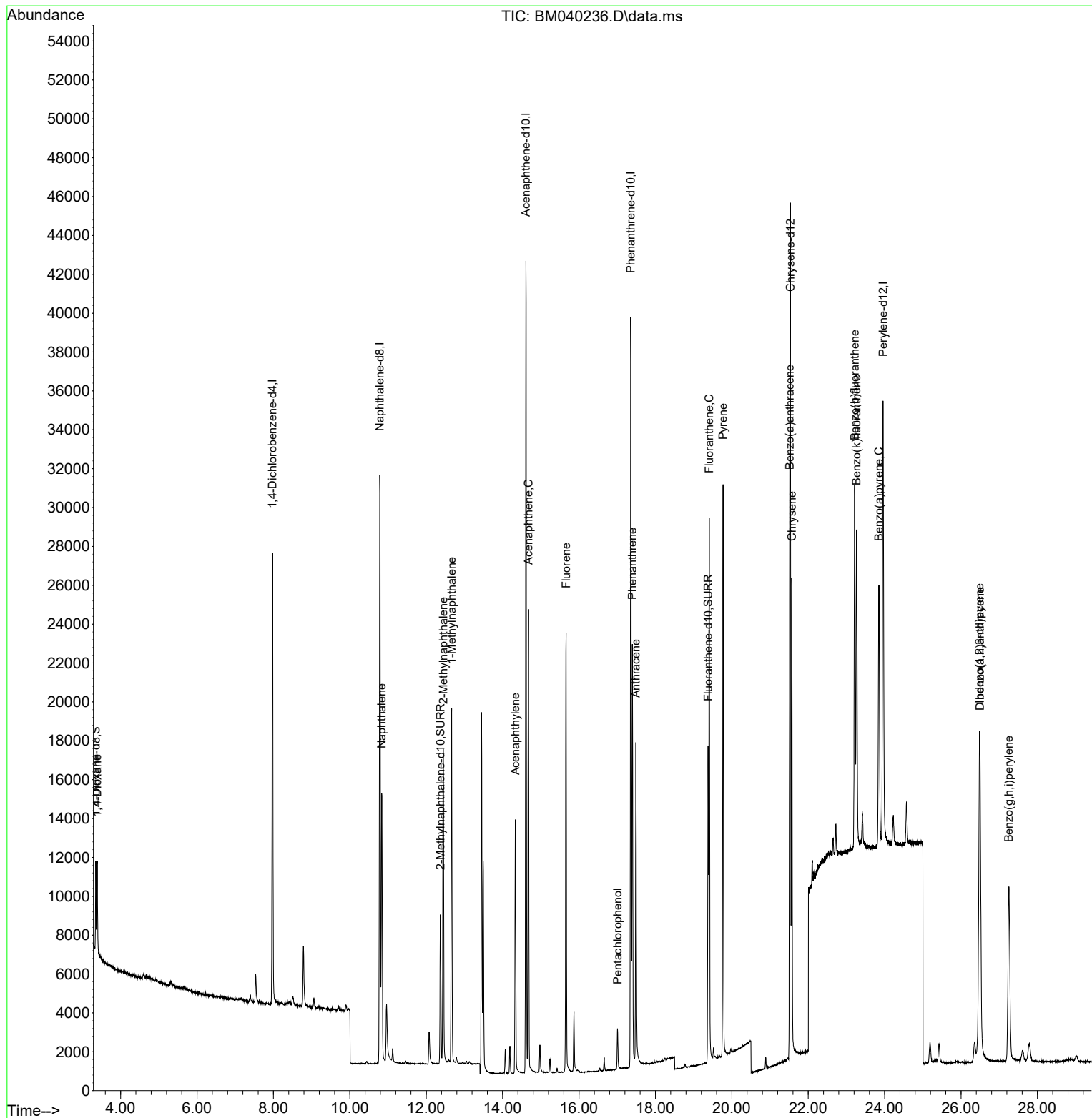
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.974	152	12154	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	42370	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	22837	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	44792	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	35185	0.400	ng/ul	0.00
23) Perylene-d12	23.958	264	32274	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	2953	0.196	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	10456	0.194	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	17352	0.198	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.388	88	3087	0.196	ng/ul#	86
5) Naphthalene	10.833	128	19377	0.193	ng/ul	99
7) 2-Methylnaphthalene	12.444	142	12063	0.193	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	12629	0.193	ng/ul	99
10) Acenaphthylene	14.332	152	15397	0.193	ng/ul	100
11) Acenaphthene	14.674	153	13181	0.192	ng/ul	100
12) Fluorene	15.660	166	14524	0.190	ng/ul	98
14) Pentachlorophenol	17.007	266	1579	0.173	ng/ul	99
15) Phenanthrene	17.396	178	22757	0.193	ng/ul	99
16) Anthracene	17.488	178	18819	0.189	ng/ul	99
19) Fluoranthene	19.408	202	23721	0.198	ng/ul	99
20) Pyrene	19.770	202	24659	0.198	ng/ul	98
21) Benzo(a)anthracene	21.515	228	20376	0.196	ng/ul	99
22) Chrysene	21.570	228	21506	0.196	ng/ul	99
24) Benzo(b)fluoranthene	23.216	252	23544	0.198	ng/ul	81
25) Benzo(k)fluoranthene	23.266	252	22244	0.199	ng/ul#	87
26) Benzo(a)pyrene	23.850	252	19301	0.198	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.481	276	24252	0.196	ng/ul	96
28) Dibenzo(a,h)anthracene	26.498	278	19317	0.195	ng/ul	94
29) Benzo(g,h,i)perylene	27.252	276	20462	0.198	ng/ul	96

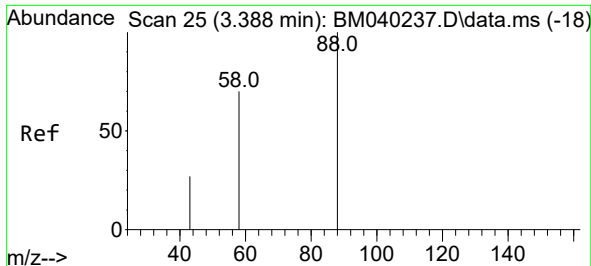
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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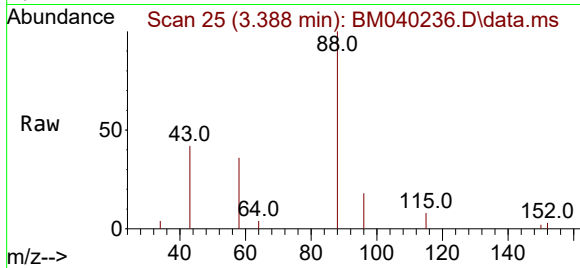
Quant Time: Jun 15 00:20:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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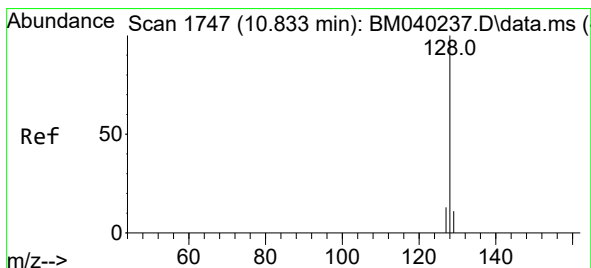
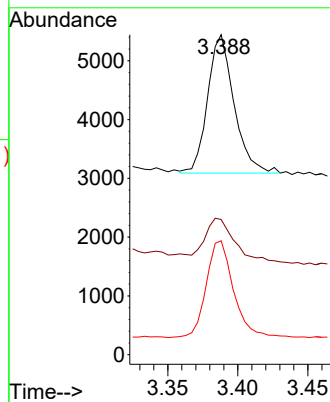
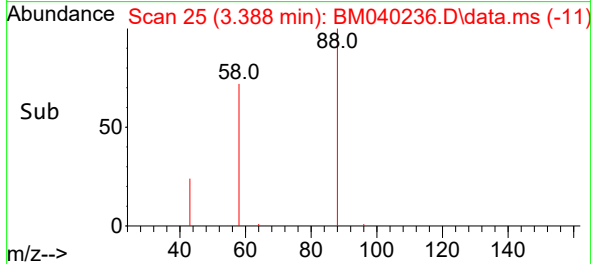


#2
1,4-Dioxane
Concen: 0.196 ng/ul
RT: 3.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040236.D
Acq: 14 Jun 2023 13:17

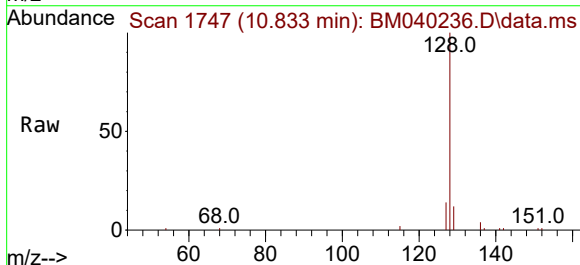
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ClientSampleId :
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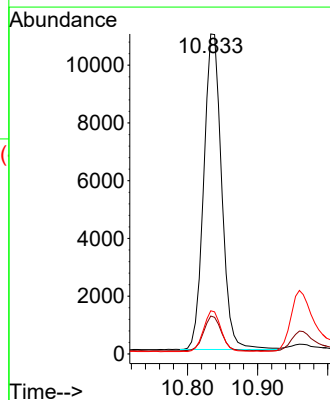
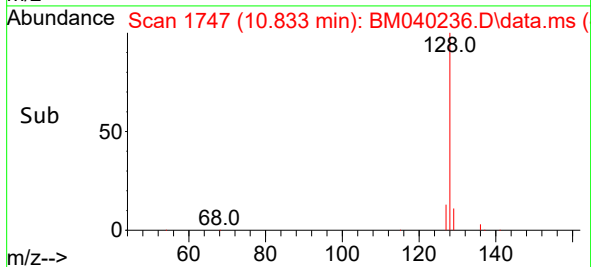
Tgt Ion: 88 Resp: 3087
Ion Ratio Lower Upper
88 100
43 42.2 30.3 45.5
58 35.6 38.8 58.2#

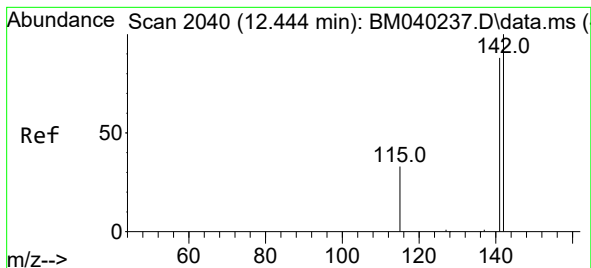


#5
Naphthalene
Concen: 0.193 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BM040236.D
Acq: 14 Jun 2023 13:17



Tgt Ion: 128 Resp: 19377
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.5 10.4 15.6

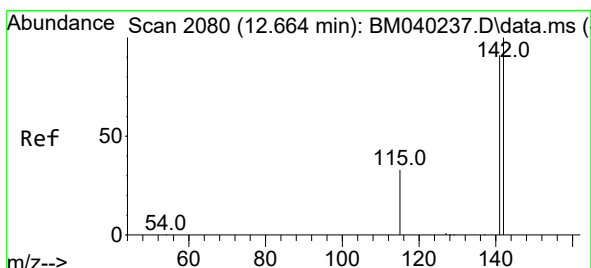
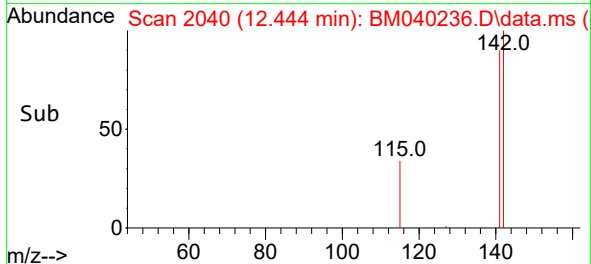
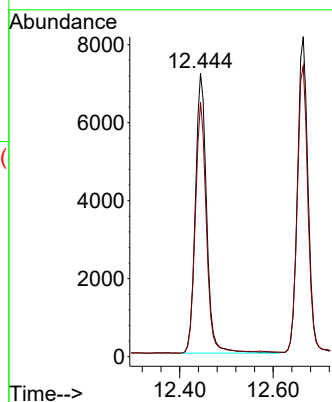
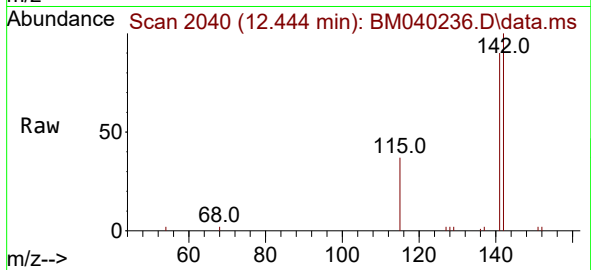




#7
2-Methylnaphthalene
Concen: 0.193 ng/ul
RT: 12.444 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BM040236.D
Acq: 14 Jun 2023 13:17

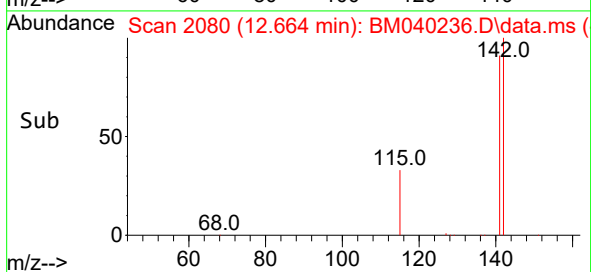
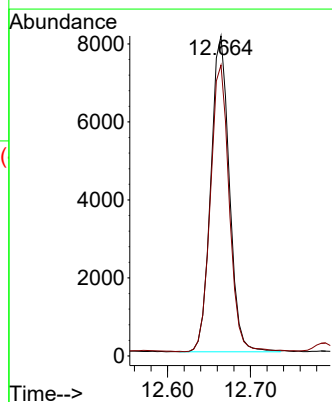
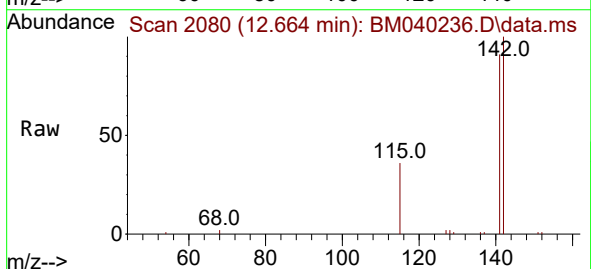
Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

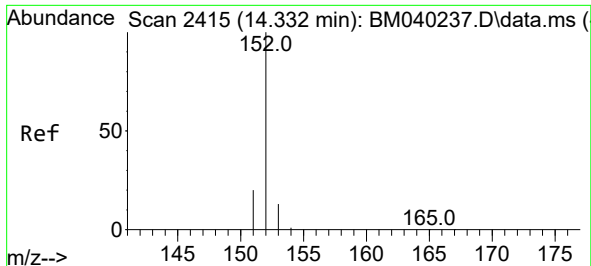
Tgt Ion:142 Resp: 12063
Ion Ratio Lower Upper
142 100
141 89.6 70.6 106.0



#8
1-Methylnaphthalene
Concen: 0.193 ng/ul
RT: 12.664 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM040236.D
Acq: 14 Jun 2023 13:17

Tgt Ion:142 Resp: 12629
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.4

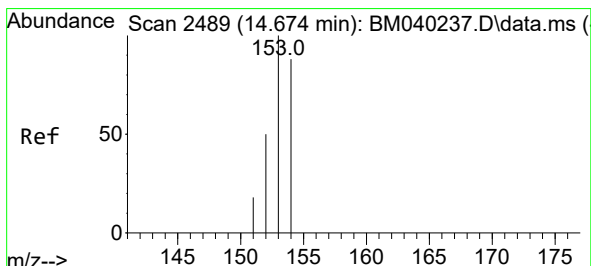
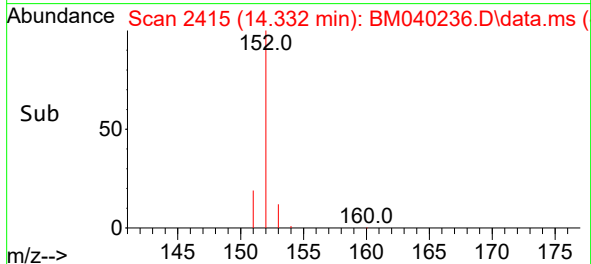
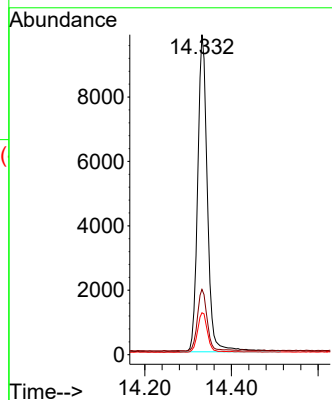
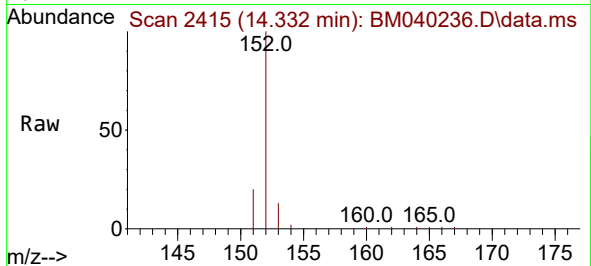




#10
Acenaphthylene
Concen: 0.193 ng/ul
RT: 14.332 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM040236.D
Acq: 14 Jun 2023 13:17

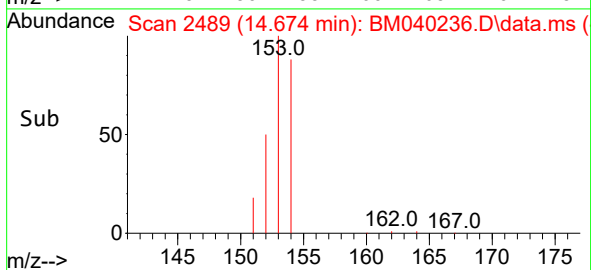
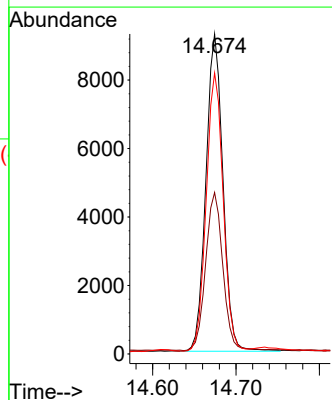
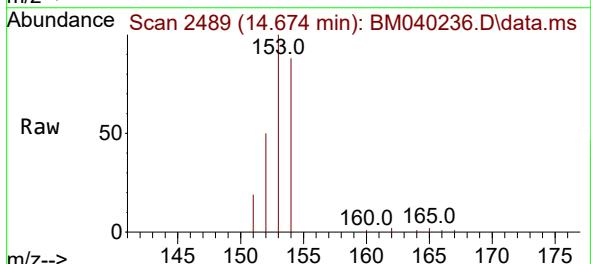
Instrument :
BNA_M
ClientSampleId :
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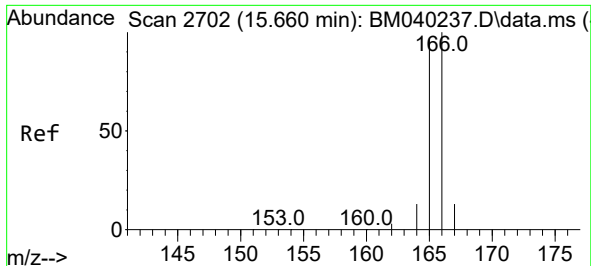
Tgt Ion:152 Resp: 15397
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.1 10.7 16.1



#11
Acenaphthene
Concen: 0.192 ng/ul
RT: 14.674 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BM040236.D
Acq: 14 Jun 2023 13:17

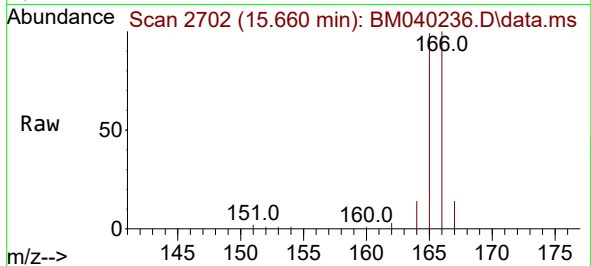
Tgt Ion:153 Resp: 13181
Ion Ratio Lower Upper
153 100
152 50.5 40.3 60.5
154 87.8 70.5 105.7



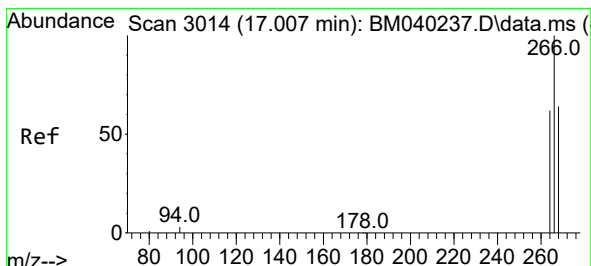
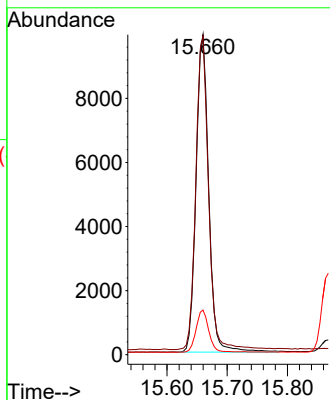
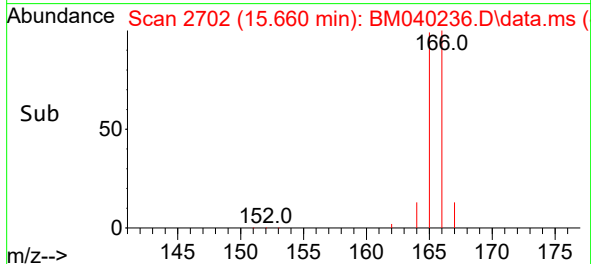


#12
Fluorene
Concen: 0.190 ng/ul
RT: 15.660 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040236.D
Acq: 14 Jun 2023 13:17

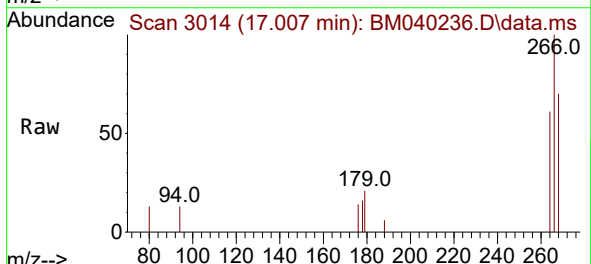
Instrument :
BNA_M
ClientSampleId :
SSTD0.2016



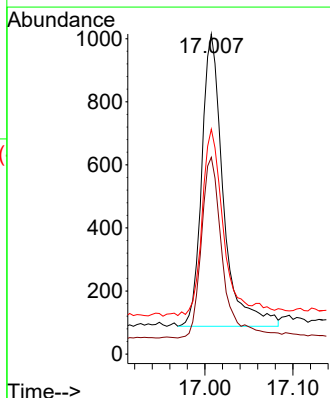
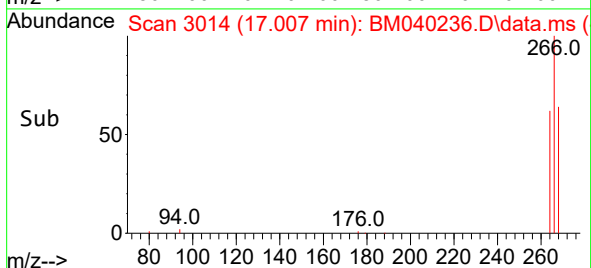
Tgt Ion:166 Resp: 14524
Ion Ratio Lower Upper
166 100
165 99.5 78.2 117.4
167 14.0 11.0 16.4

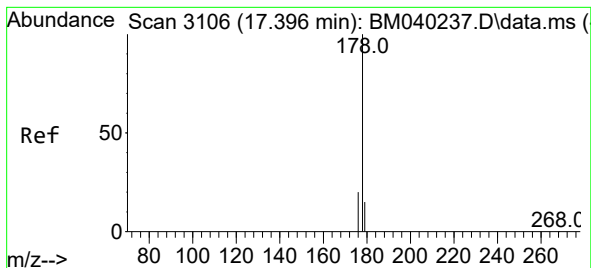


#14
Pentachlorophenol
Concen: 0.173 ng/ul
RT: 17.007 min Scan# 3014
Delta R.T. 0.000 min
Lab File: BM040236.D
Acq: 14 Jun 2023 13:17



Tgt Ion:266 Resp: 1579
Ion Ratio Lower Upper
266 100
264 62.5 49.4 74.0
268 65.0 51.3 76.9





#15

Phenanthrene

Concen: 0.193 ng/ul

RT: 17.396 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BM040236.D

Acq: 14 Jun 2023 13:17

Instrument :

BNA_M

ClientSampleId :

SSTD0.2016

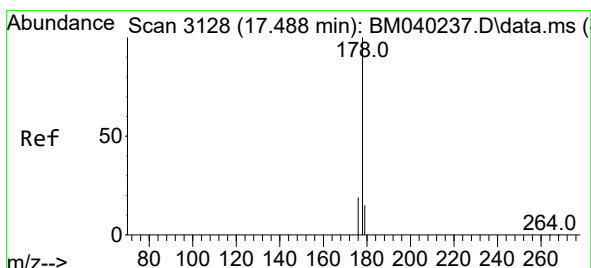
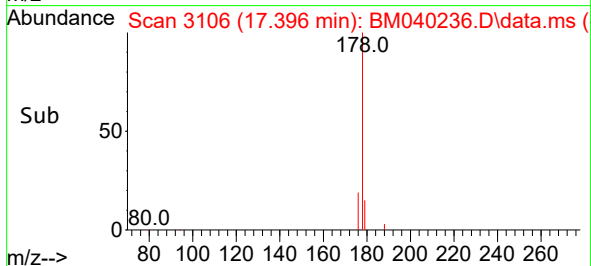
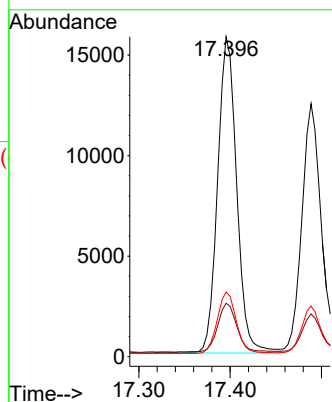
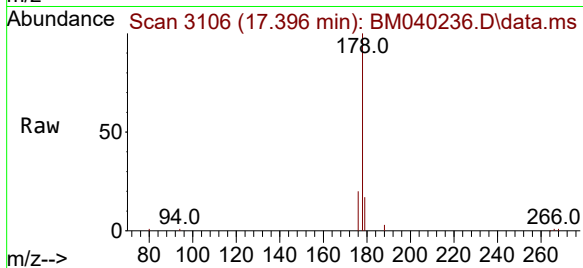
Tgt Ion:178 Resp: 22757

Ion Ratio Lower Upper

178 100

179 16.7 12.6 19.0

176 20.2 16.1 24.1



#16

Anthracene

Concen: 0.189 ng/ul

RT: 17.488 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM040236.D

Acq: 14 Jun 2023 13:17

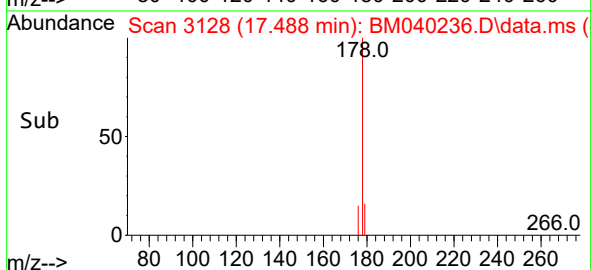
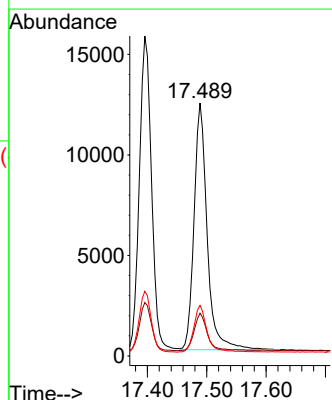
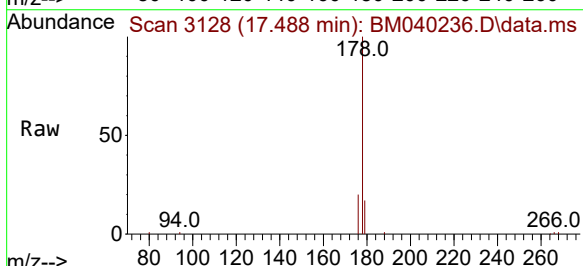
Tgt Ion:178 Resp: 18819

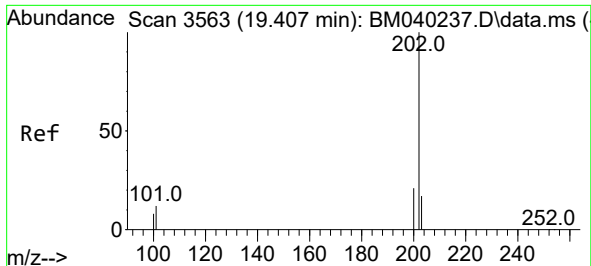
Ion Ratio Lower Upper

178 100

179 16.9 13.0 19.4

176 19.9 15.5 23.3





#19

Fluoranthene

Concen: 0.198 ng/ul

RT: 19.408 min Scan# 3563

Delta R.T. 0.000 min

Lab File: BM040236.D

Acq: 14 Jun 2023 13:17

Instrument :

BNA_M

ClientSampleId :

SSTD0.2016

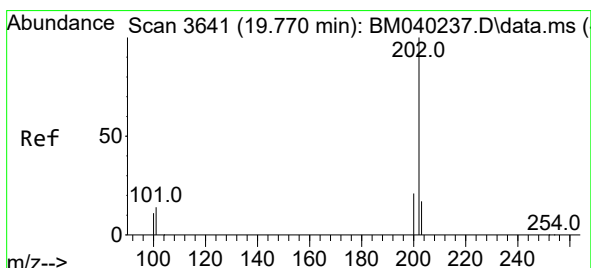
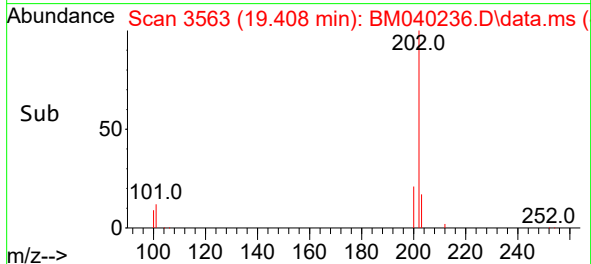
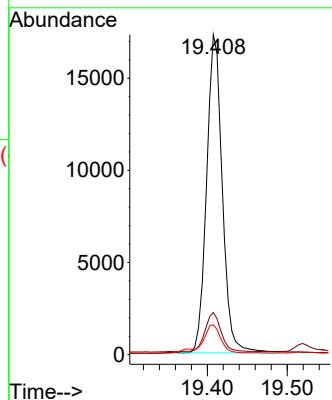
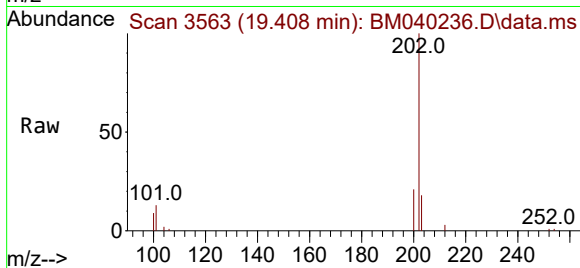
Tgt Ion:202 Resp: 23721

Ion Ratio Lower Upper

202 100

101 13.2 10.2 15.4

100 9.4 7.6 11.4



#20

Pyrene

Concen: 0.198 ng/ul

RT: 19.770 min Scan# 3641

Delta R.T. 0.000 min

Lab File: BM040236.D

Acq: 14 Jun 2023 13:17

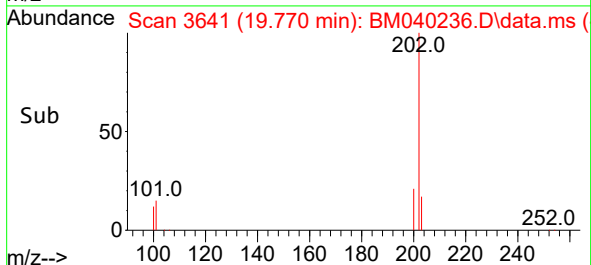
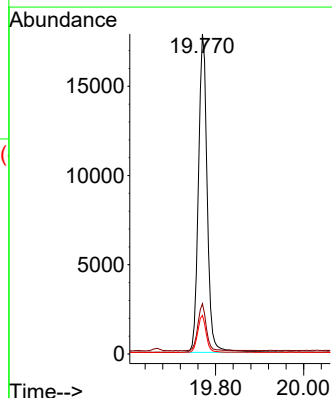
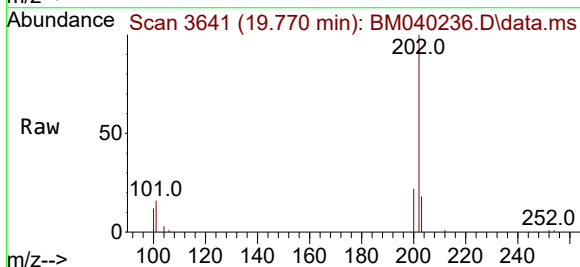
Tgt Ion:202 Resp: 24659

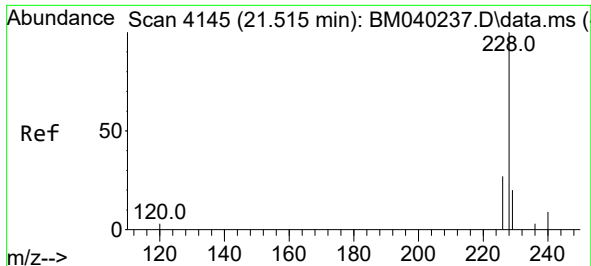
Ion Ratio Lower Upper

202 100

101 15.7 11.8 17.8

100 12.0 9.3 13.9

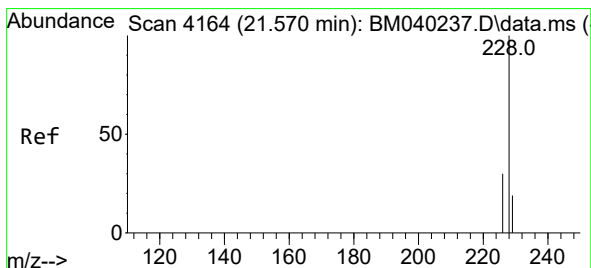
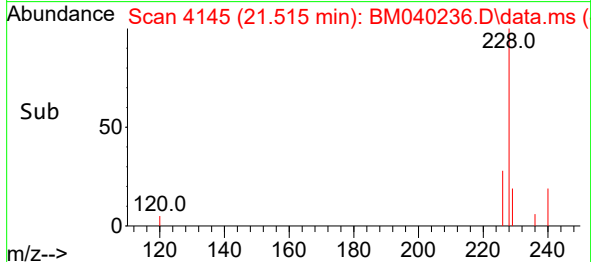
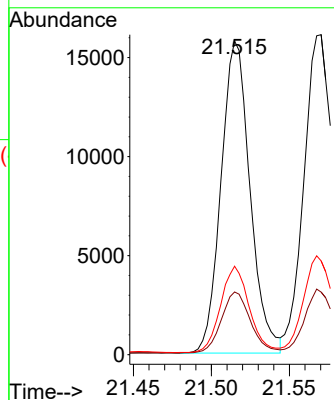
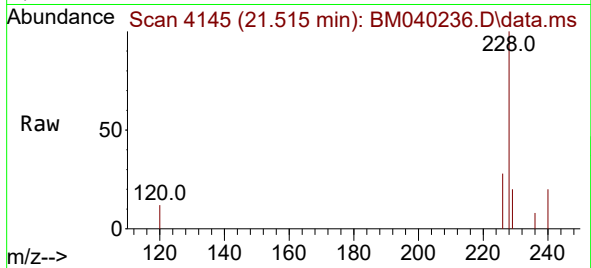




#21
Benzo(a)anthracene
Concen: 0.196 ng/ul
RT: 21.515 min Scan# 4145
Delta R.T. 0.000 min
Lab File: BM040236.D
Acq: 14 Jun 2023 13:17

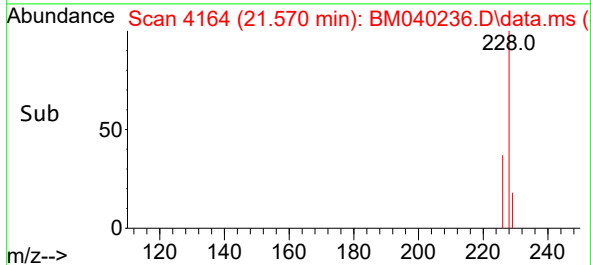
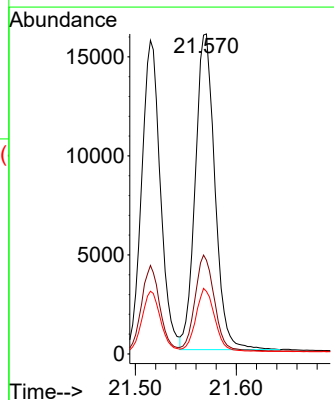
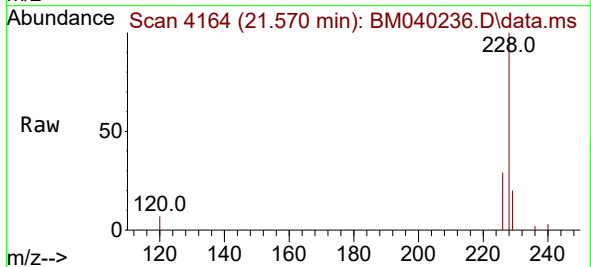
Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

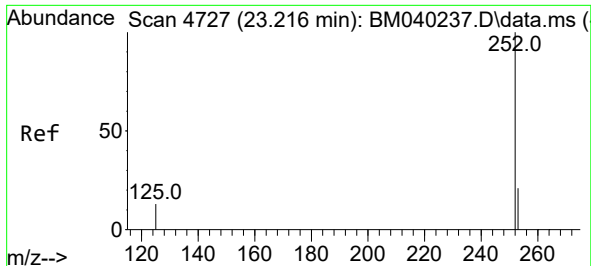
Tgt Ion:228 Resp: 20376
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 28.2 22.0 33.0



#22
Chrysene
Concen: 0.196 ng/ul
RT: 21.570 min Scan# 4164
Delta R.T. 0.000 min
Lab File: BM040236.D
Acq: 14 Jun 2023 13:17

Tgt Ion:228 Resp: 21506
Ion Ratio Lower Upper
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226 29.3 24.3 36.5
229 19.6 15.7 23.5

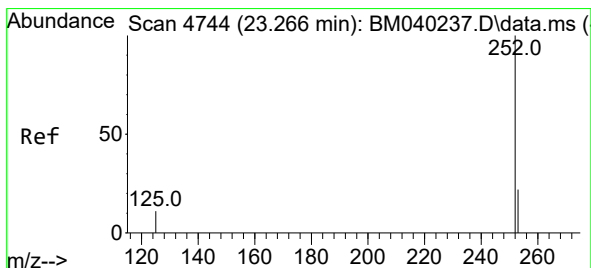
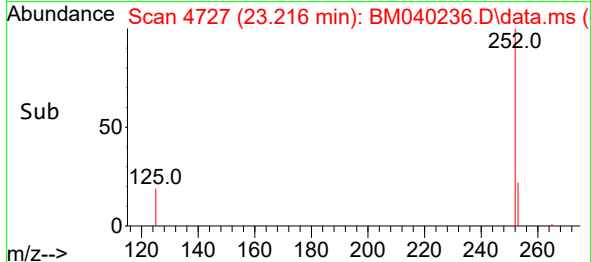
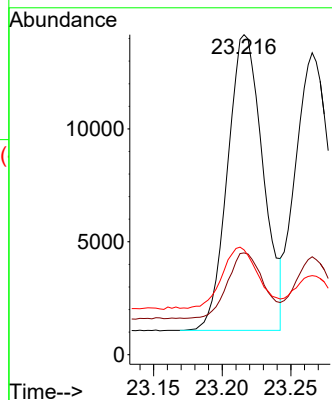
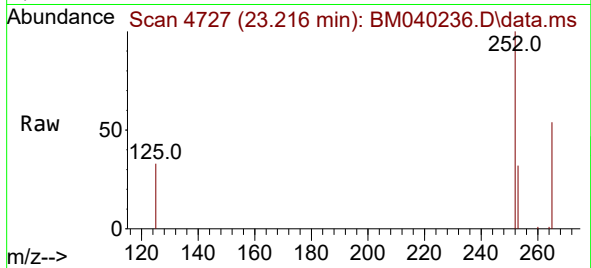




#24
Benzo(b)fluoranthene
Concen: 0.198 ng/ul
RT: 23.216 min Scan# 4727
Delta R.T. 0.000 min
Lab File: BM040236.D
Acq: 14 Jun 2023 13:17

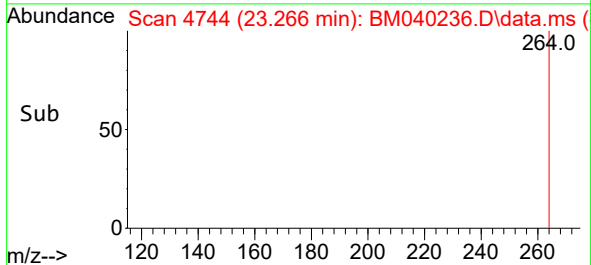
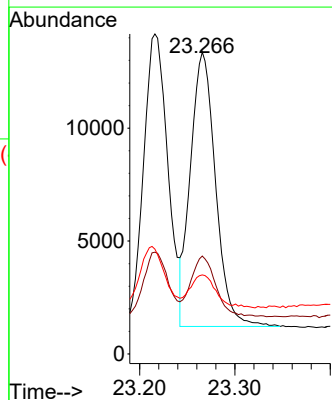
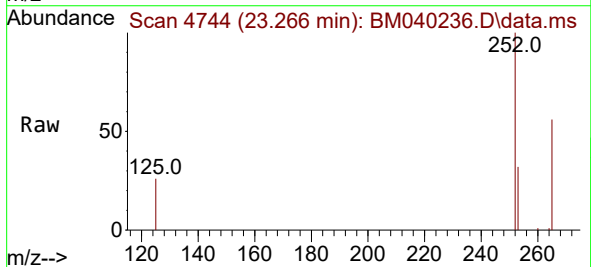
Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

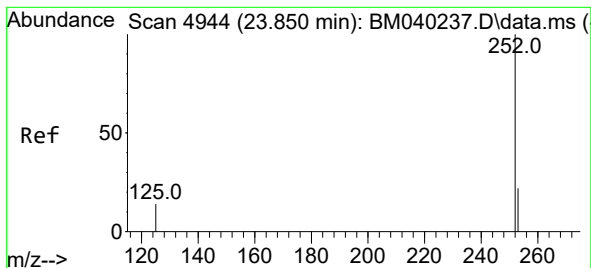
Tgt Ion:252 Resp: 23544
Ion Ratio Lower Upper
252 100
253 31.8 0.0 52.4
125 32.8 0.0 38.4



#25
Benzo(k)fluoranthene
Concen: 0.199 ng/ul
RT: 23.266 min Scan# 4744
Delta R.T. 0.000 min
Lab File: BM040236.D
Acq: 14 Jun 2023 13:17

Tgt Ion:252 Resp: 22244
Ion Ratio Lower Upper
252 100
253 32.4 21.5 32.3#
125 26.2 14.7 22.1#





#26

Benzo(a)pyrene

Concen: 0.198 ng/ul

RT: 23.850 min Scan# 4944

Delta R.T. 0.000 min

Lab File: BM040236.D

Acq: 14 Jun 2023 13:17

Instrument :

BNA_M

ClientSampleId :

SSTD0.2016

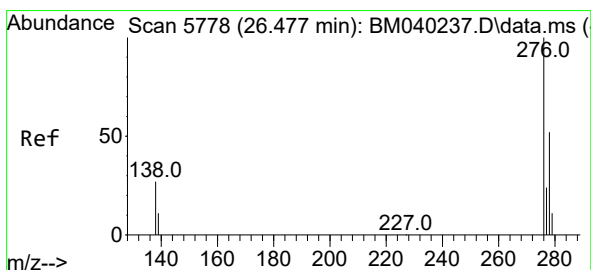
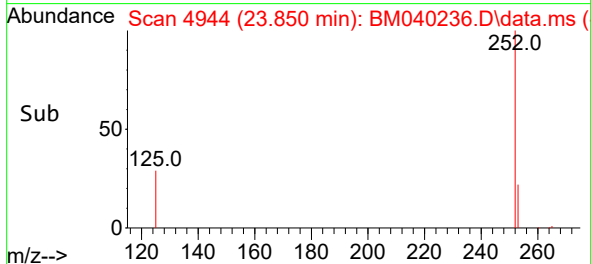
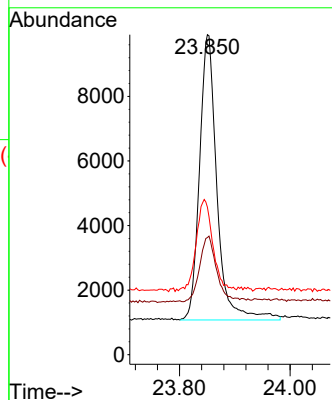
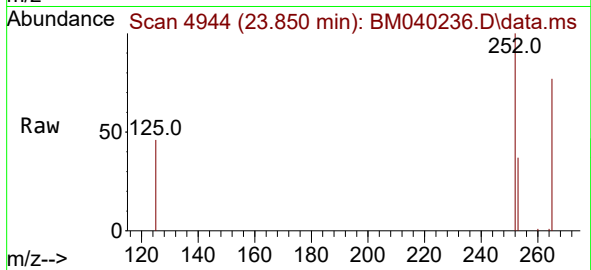
Tgt Ion:252 Resp: 19301

Ion Ratio Lower Upper

252 100

253 36.6 23.4 35.0#

125 46.1 19.7 29.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.196 ng/ul

RT: 26.481 min Scan# 5779

Delta R.T. 0.003 min

Lab File: BM040236.D

Acq: 14 Jun 2023 13:17

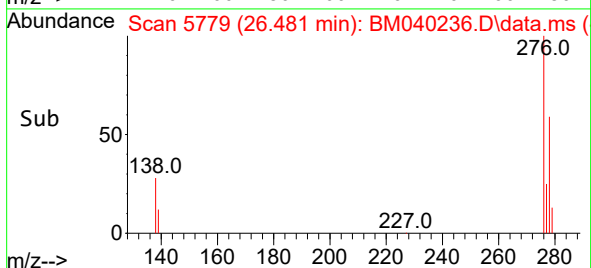
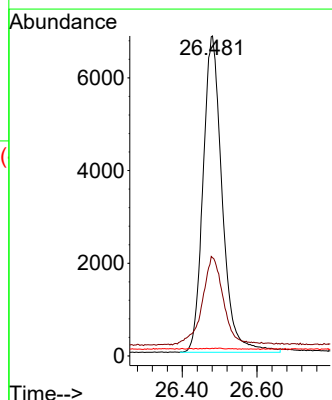
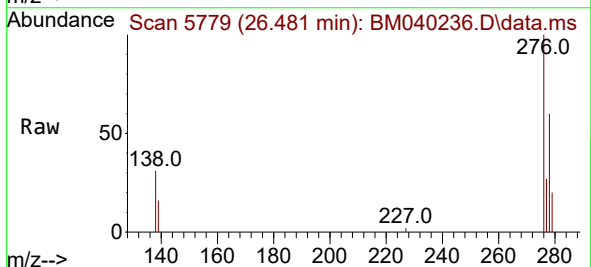
Tgt Ion:276 Resp: 24252

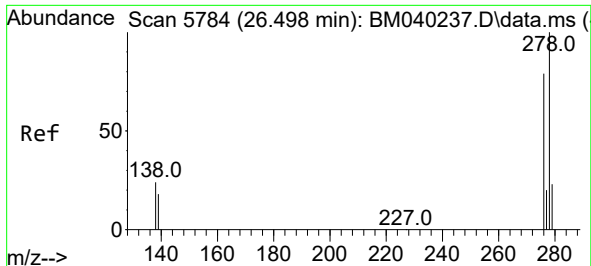
Ion Ratio Lower Upper

276 100

138 31.2 23.3 34.9

227 0.1 0.1 0.1

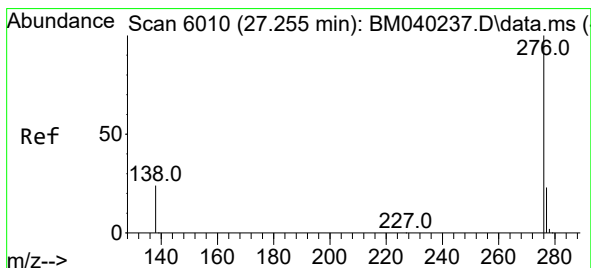
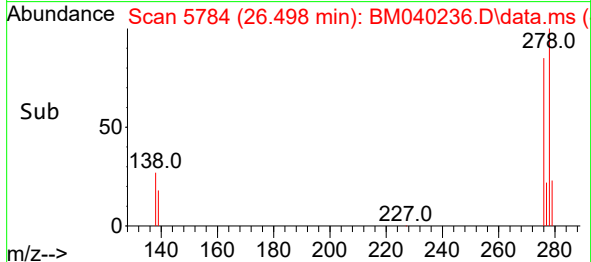
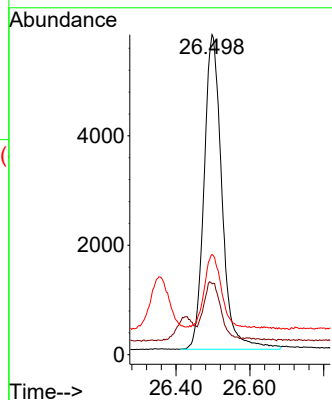
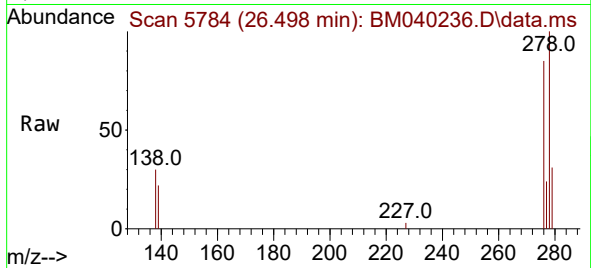




#28
Dibenzo(a,h)anthracene
Concen: 0.195 ng/ul
RT: 26.498 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM040236.D
Acq: 14 Jun 2023 13:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

Tgt Ion:278 Resp: 19317
Ion Ratio Lower Upper
278 100
139 22.2 16.4 24.6
279 31.3 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.198 ng/ul
RT: 27.252 min Scan# 6009
Delta R.T. -0.003 min
Lab File: BM040236.D
Acq: 14 Jun 2023 13:17

Tgt Ion:276 Resp: 20462
Ion Ratio Lower Upper
276 100
138 29.2 21.0 31.4
277 25.9 19.6 29.4

