

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
 Data File : BM040419.D
 Acq On : 27 Jun 2023 01:58
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4134

Quant Time: Jun 27 04:28:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

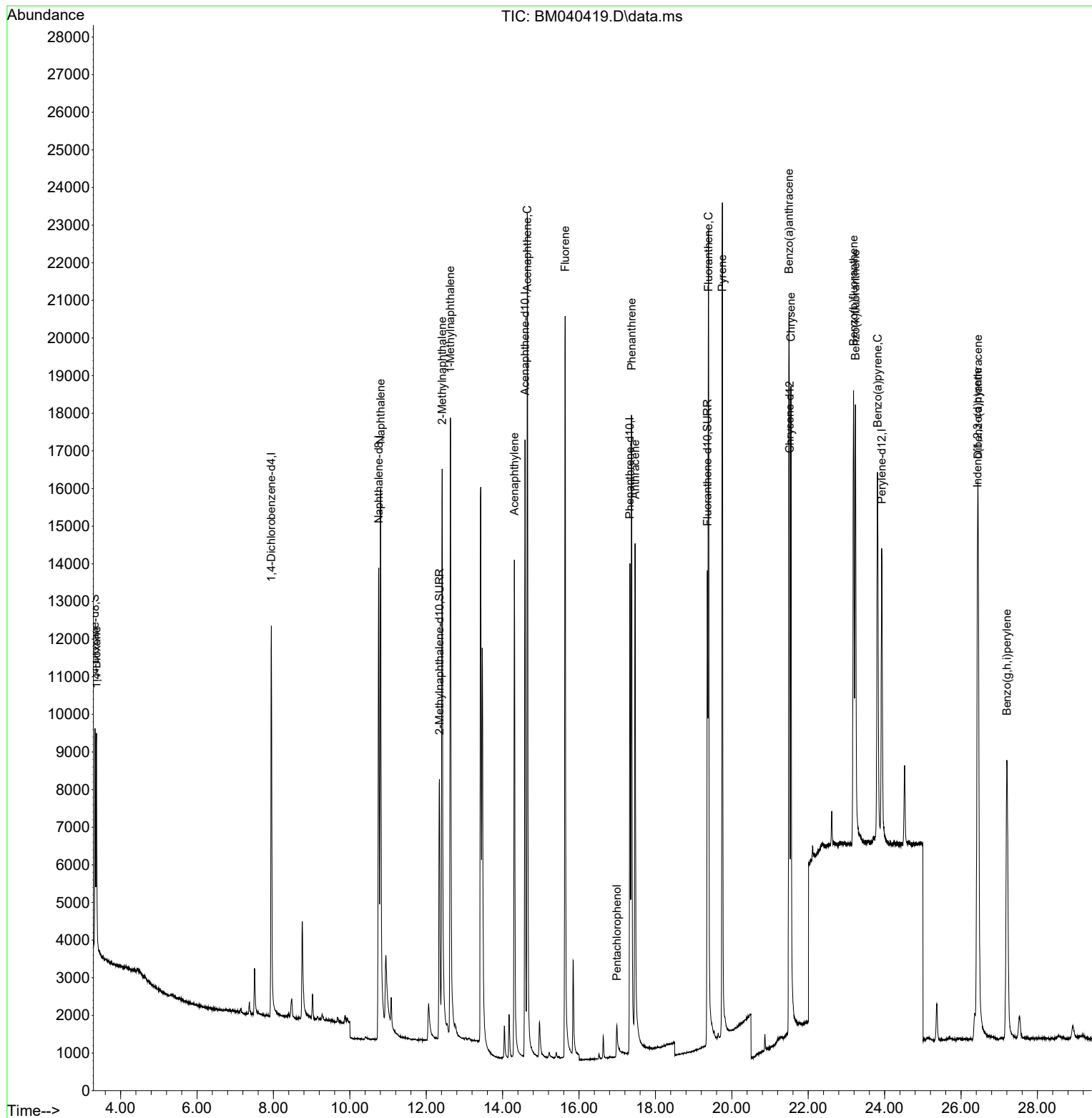
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	6236	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	21747	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.586	164	9850	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	17165	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	11492	0.400	ng/ul	0.00
23) Perylene-d12	23.923	264	11902	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	3609	0.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	12104	0.397	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	15219	0.413	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.367	88	3581	0.359	ng/ul#	90
5) Naphthalene	10.806	128	24171	0.403	ng/ul	99
7) 2-Methylnaphthalene	12.417	142	13751	0.390	ng/ul	98
8) 1-Methylnaphthalene	12.631	142	13740	0.390	ng/ul	100
10) Acenaphthylene	14.309	152	18263	0.415	ng/ul	100
11) Acenaphthene	14.647	153	14333	0.386	ng/ul	99
12) Fluorene	15.637	166	14805	0.373	ng/ul	100
14) Pentachlorophenol	16.990	266	1243	0.376	ng/ul	91
15) Phenanthrene	17.375	178	20273	0.380	ng/ul	100
16) Anthracene	17.467	178	17733	0.396	ng/ul	98
19) Fluoranthene	19.389	202	19905	0.408	ng/ul	98
20) Pyrene	19.751	202	21135	0.404	ng/ul	99
21) Benzo(a)anthracene	21.494	228	16005	0.412	ng/ul	99
22) Chrysene	21.547	228	16988	0.383	ng/ul	98
24) Benzo(b)fluoranthene	23.187	252	17089	0.371	ng/ul	92
25) Benzo(k)fluoranthene	23.236	252	16340	0.360	ng/ul	95
26) Benzo(a)pyrene	23.815	252	15707	0.379	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.431	276	21124	0.366	ng/ul	96
28) Dibenzo(a,h)anthracene	26.447	278	16562	0.366	ng/ul	98
29) Benzo(g,h,i)perylene	27.199	276	17850	0.352	ng/ul	99

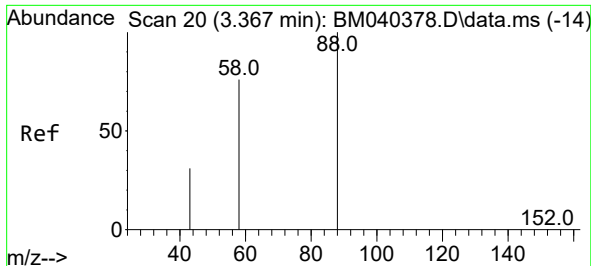
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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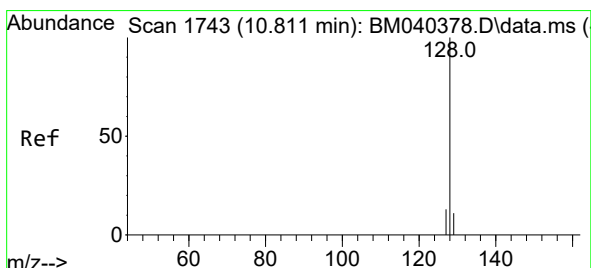
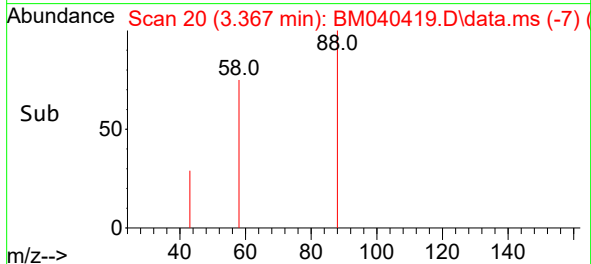
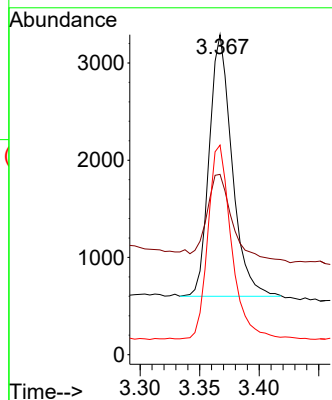
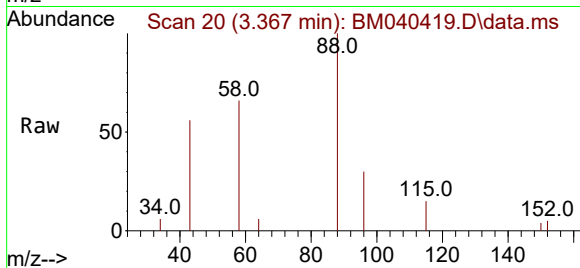




#2
1,4-Dioxane
Concen: 0.359 ng/ul
RT: 3.367 min Scan# 20
Delta R.T. -0.004 min
Lab File: BM040419.D
Acq: 27 Jun 2023 01:58

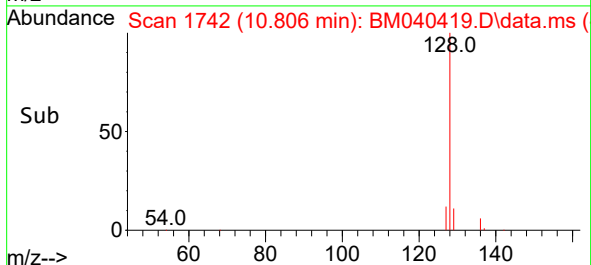
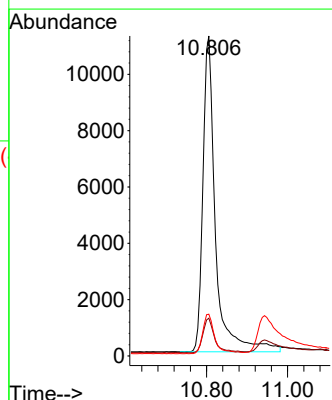
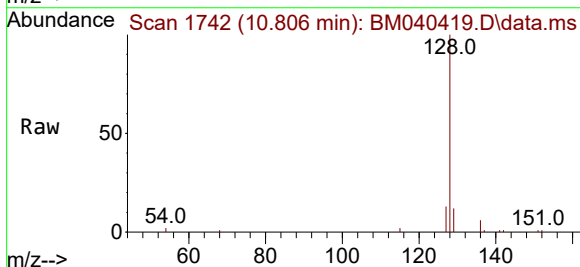
Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

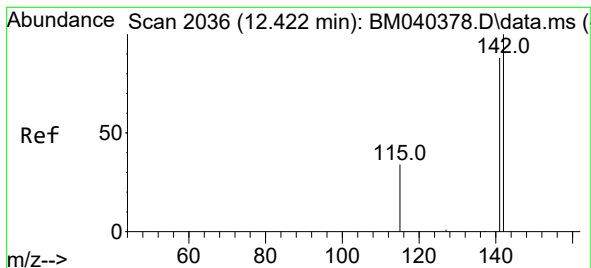
Tgt Ion: 88 Resp: 3581
Ion Ratio Lower Upper
88 100
43 56.4 36.1 54.1#
58 65.5 49.8 74.8



#5
Naphthalene
Concen: 0.403 ng/ul
RT: 10.806 min Scan# 1742
Delta R.T. -0.005 min
Lab File: BM040419.D
Acq: 27 Jun 2023 01:58

Tgt Ion: 128 Resp: 24171
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.0 10.6 15.8

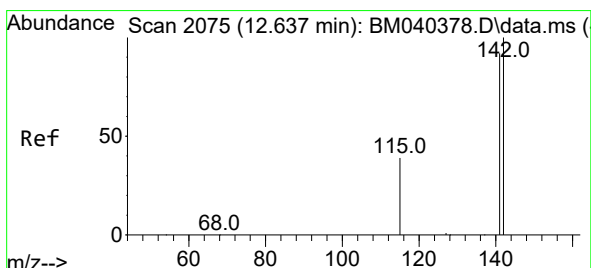
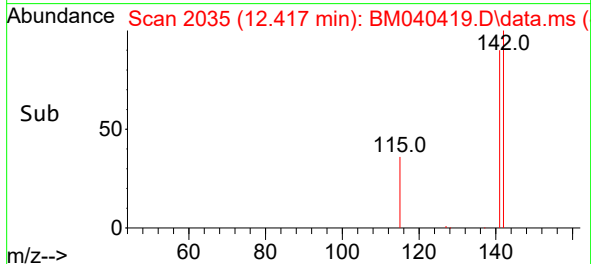
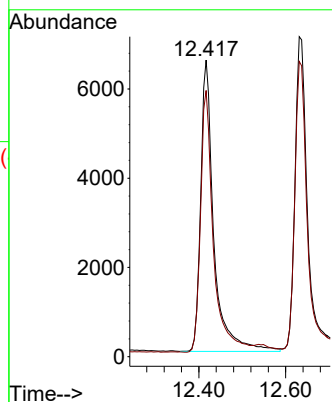
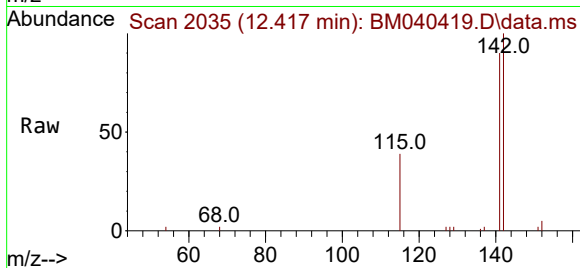




#7
2-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BM040419.D
Acq: 27 Jun 2023 01:58

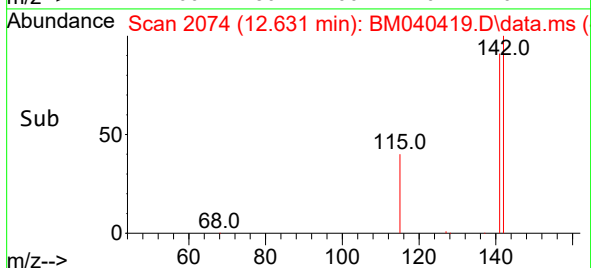
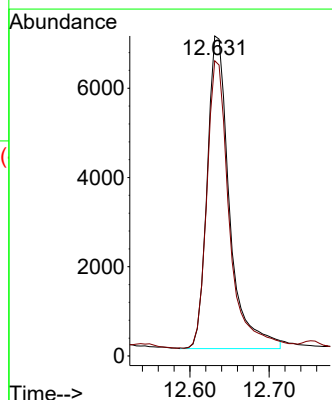
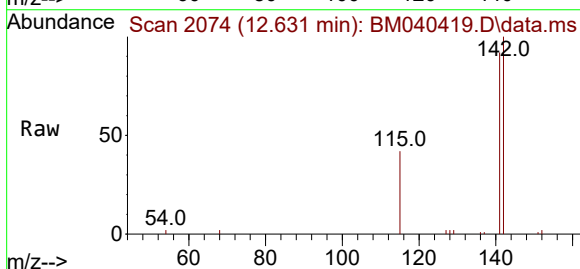
Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

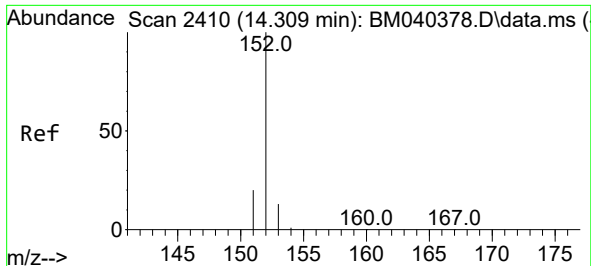
Tgt Ion:142 Resp: 13751
Ion Ratio Lower Upper
142 100
141 91.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040419.D
Acq: 27 Jun 2023 01:58

Tgt Ion:142 Resp: 13740
Ion Ratio Lower Upper
142 100
141 92.2 73.7 110.5

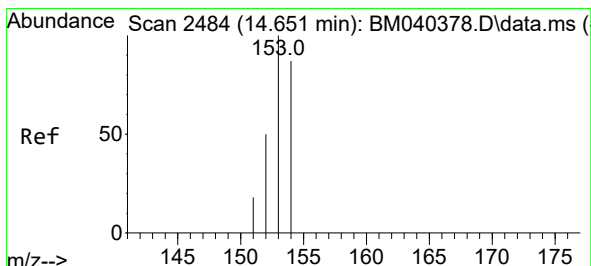
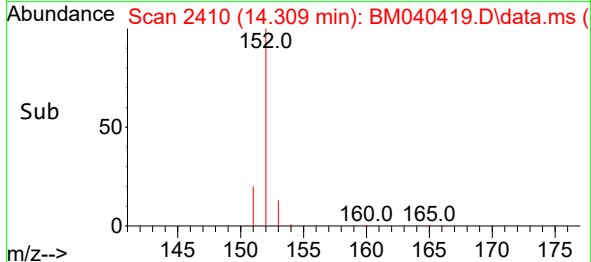
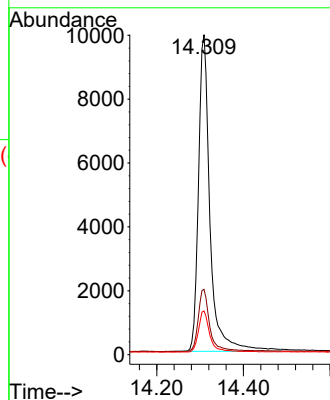
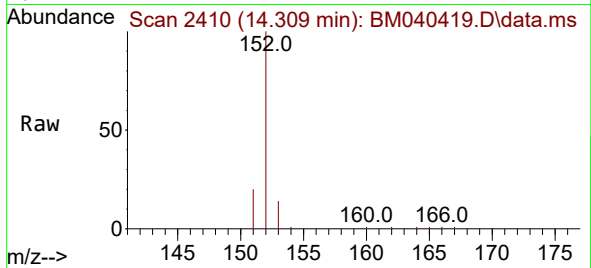




#10
Acenaphthylene
Concen: 0.415 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040419.D
Acq: 27 Jun 2023 01:58

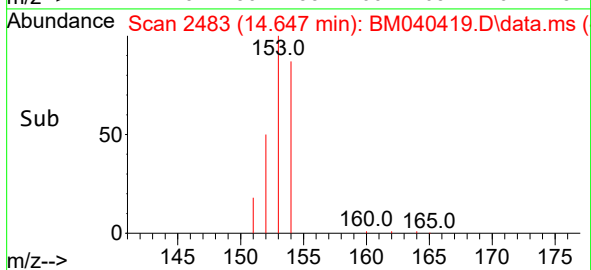
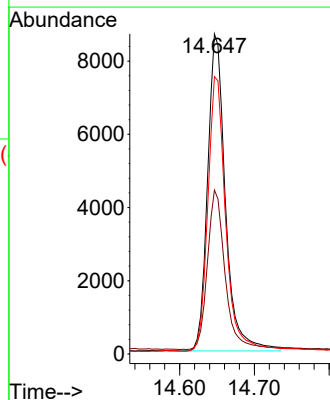
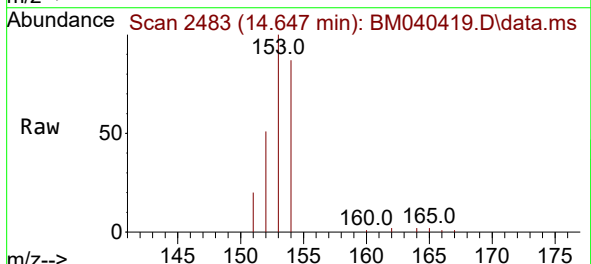
Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

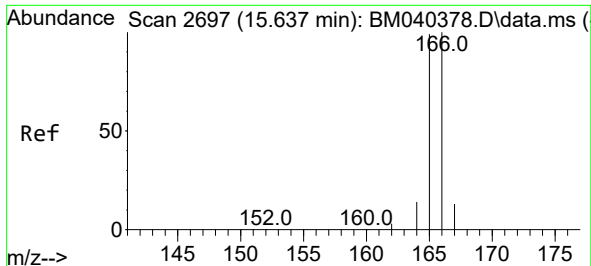
Tgt Ion:152	Resp:	18263
Ion Ratio	Lower	Upper
152	100	
151	20.4	16.2 24.2
153	13.7	10.9 16.3



#11
Acenaphthene
Concen: 0.386 ng/ul
RT: 14.647 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040419.D
Acq: 27 Jun 2023 01:58

Tgt Ion:153	Resp:	14333
Ion Ratio	Lower	Upper
153	100	
152	51.2	41.0 61.4
154	86.6	70.8 106.2

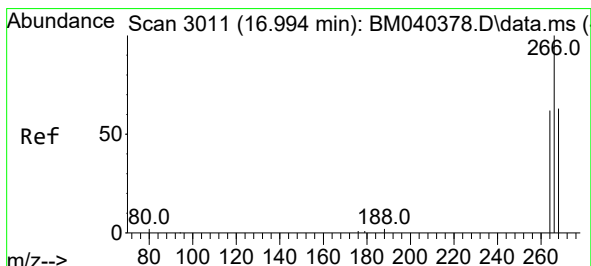
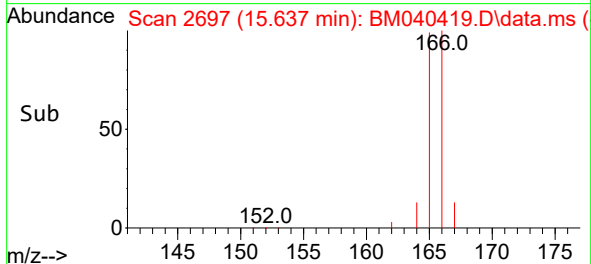
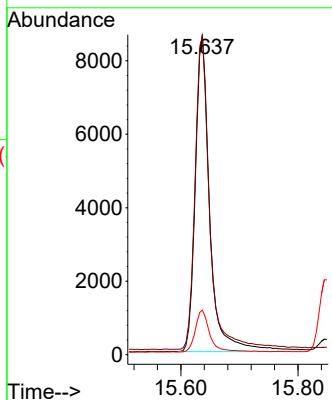
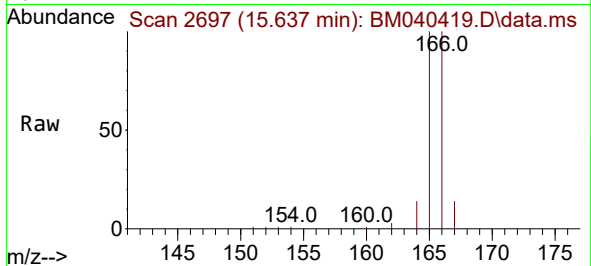




#12
 Fluorene
 Concen: 0.373 ng/ul
 RT: 15.637 min Scan# 2010
 Delta R.T. -0.005 min
 Lab File: BM040419.D
 Acq: 27 Jun 2023 01:58

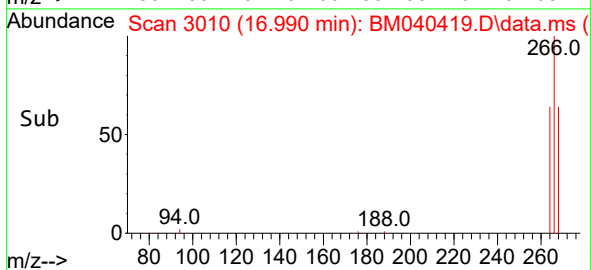
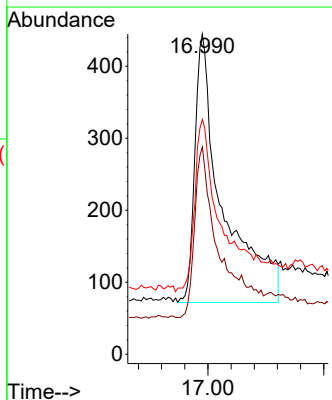
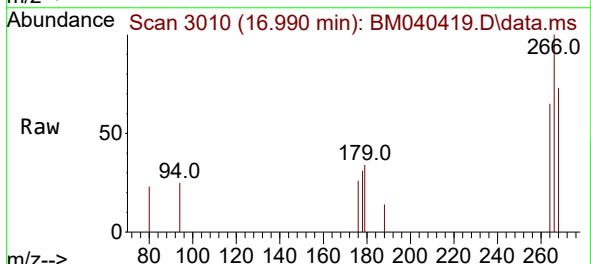
Instrument :
 BNA_M
 ClientSampleId :
 SST0.4134

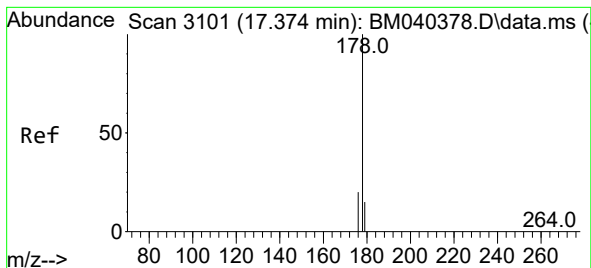
Tgt Ion:	166	Resp:	14805
Ion Ratio	Lower	Upper	
166	100		
165	99.7	79.6	119.4
167	14.0	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.376 ng/ul
 RT: 16.990 min Scan# 3010
 Delta R.T. -0.021 min
 Lab File: BM040419.D
 Acq: 27 Jun 2023 01:58

Tgt Ion:	266	Resp:	1243
Ion Ratio	Lower	Upper	
266	100		
264	61.0	45.4	68.0
268	67.3	47.2	70.8





#15

Phenanthrene

Concen: 0.380 ng/ul

RT: 17.375 min Scan# 3101

Delta R.T. -0.004 min

Lab File: BM040419.D

Acq: 27 Jun 2023 01:58

Instrument :

BNA_M

ClientSampleId :

SSTD0.4134

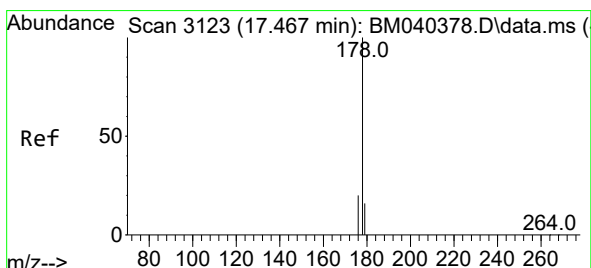
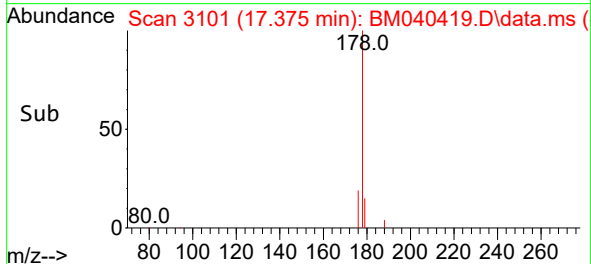
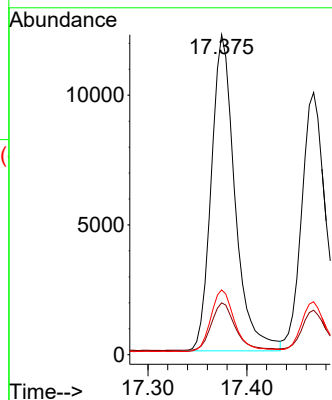
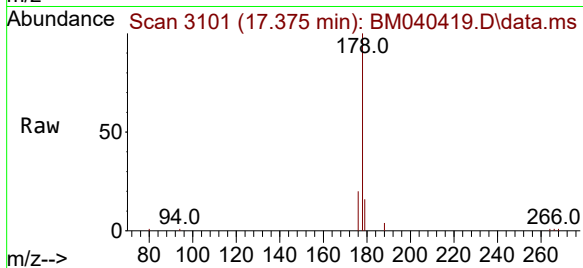
Tgt Ion:178 Resp: 20273

Ion Ratio Lower Upper

178 100

179 16.2 12.8 19.2

176 20.3 16.4 24.6



#16

Anthracene

Concen: 0.396 ng/ul

RT: 17.467 min Scan# 3123

Delta R.T. -0.004 min

Lab File: BM040419.D

Acq: 27 Jun 2023 01:58

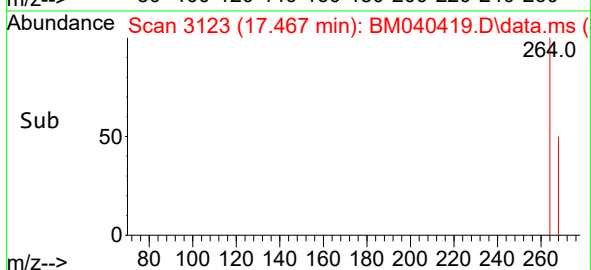
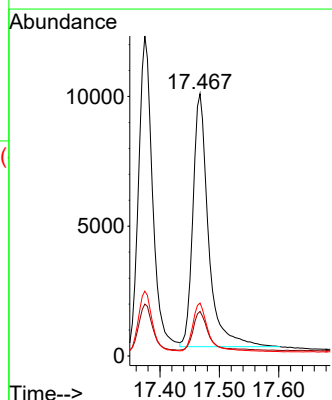
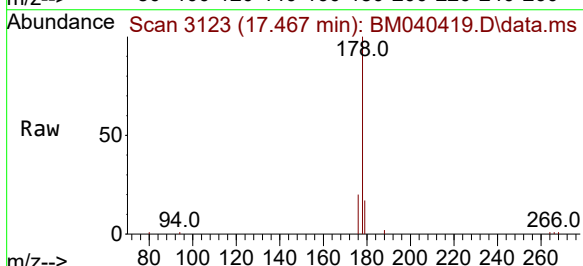
Tgt Ion:178 Resp: 17733

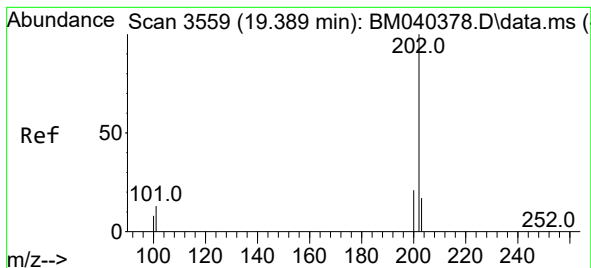
Ion Ratio Lower Upper

178 100

179 16.9 12.9 19.3

176 20.2 15.8 23.6





#19

Fluoranthene

Concen: 0.408 ng/ul

RT: 19.389 min Scan# 3559

Delta R.T. 0.000 min

Lab File: BM040419.D

Acq: 27 Jun 2023 01:58

Instrument :

BNA_M

ClientSampleId :

SSTD0.4134

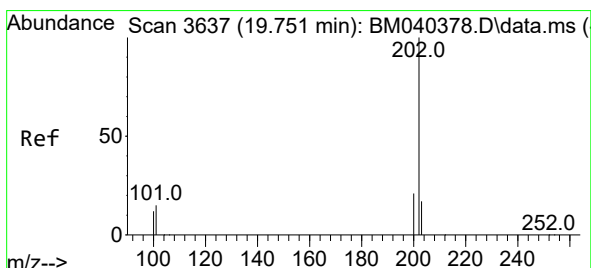
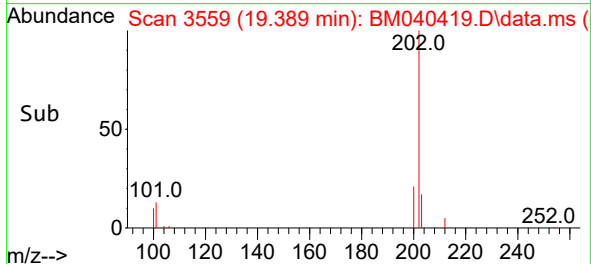
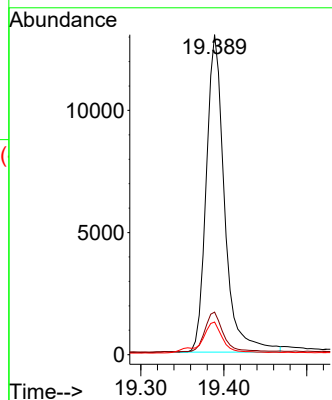
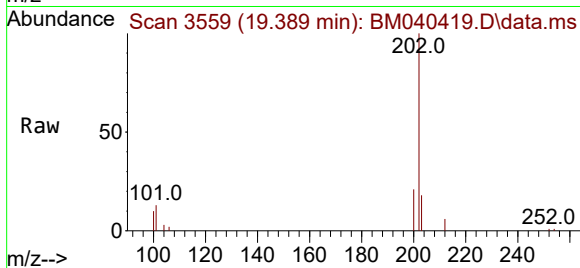
Tgt Ion:202 Resp: 19905

Ion Ratio Lower Upper

202 100

101 13.3 11.4 17.0

100 10.2 8.7 13.1



#20

Pyrene

Concen: 0.404 ng/ul

RT: 19.751 min Scan# 3637

Delta R.T. -0.005 min

Lab File: BM040419.D

Acq: 27 Jun 2023 01:58

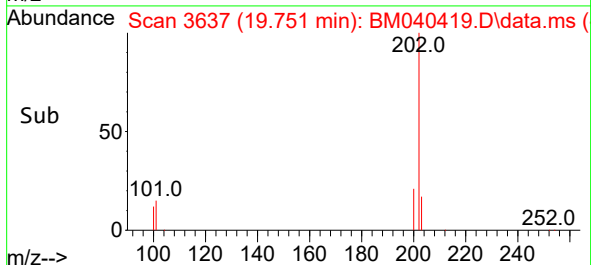
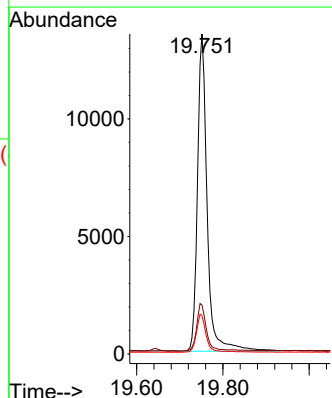
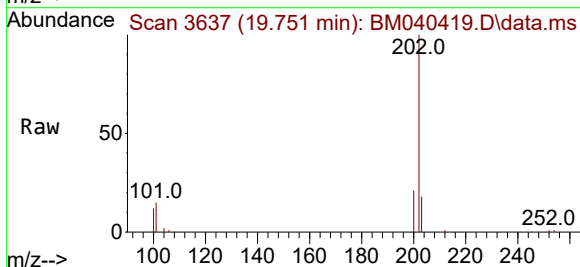
Tgt Ion:202 Resp: 21135

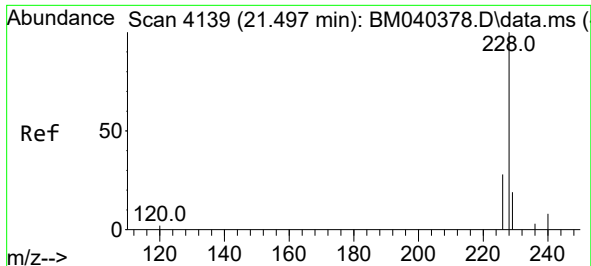
Ion Ratio Lower Upper

202 100

101 15.3 12.6 18.8

100 12.0 9.8 14.6

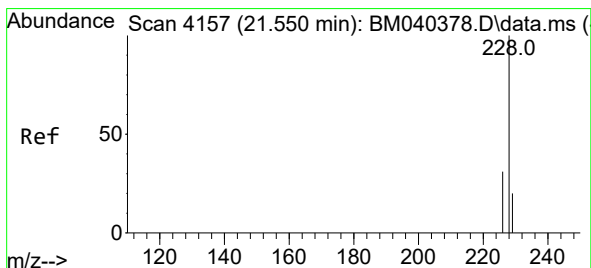
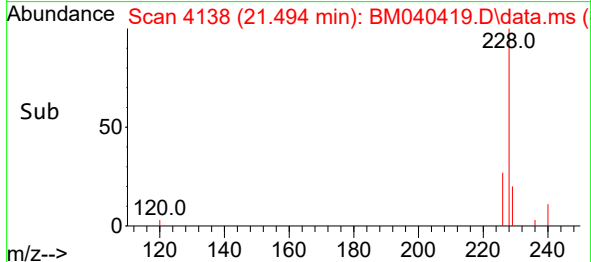
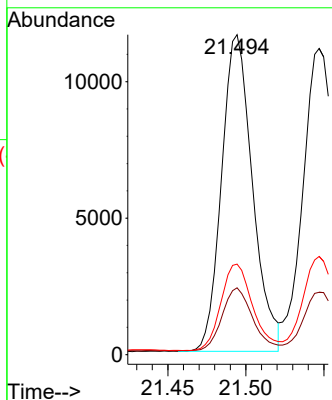
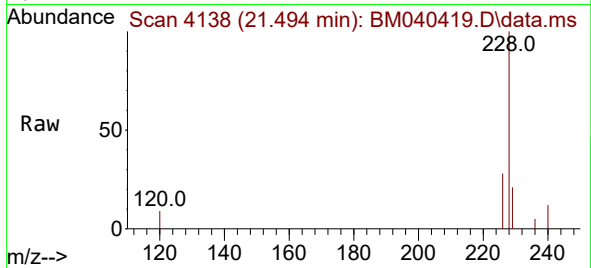




#21
Benzo(a)anthracene
Concen: 0.412 ng/ul
RT: 21.494 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040419.D
Acq: 27 Jun 2023 01:58

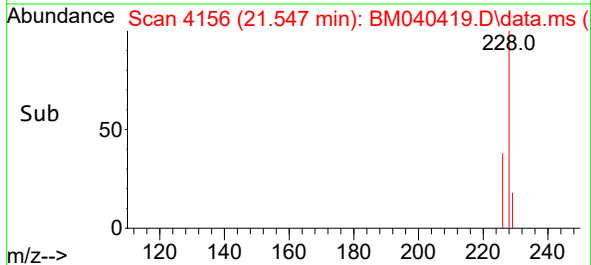
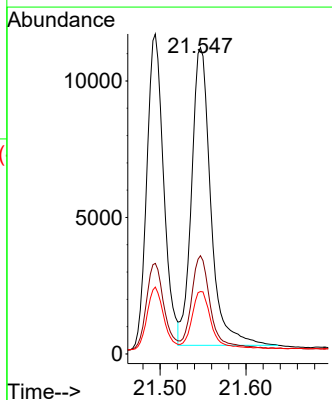
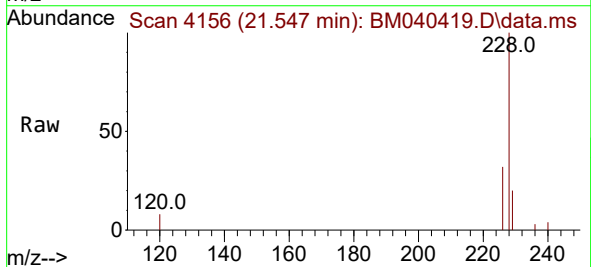
Instrument :
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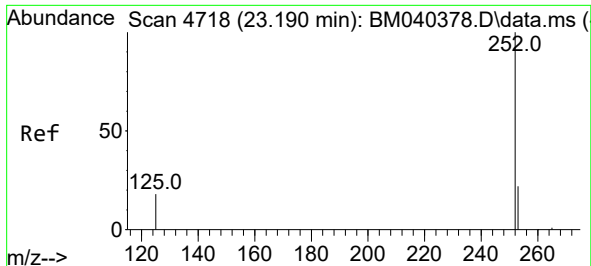
Tgt Ion:228 Resp: 16005
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.3 22.3 33.5



#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040419.D
Acq: 27 Jun 2023 01:58

Tgt Ion:228 Resp: 16988
Ion Ratio Lower Upper
228 100
226 32.1 24.9 37.3
229 20.4 15.8 23.6

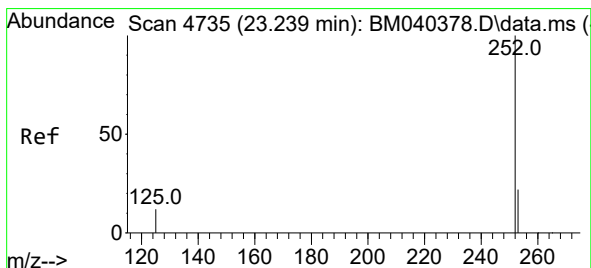
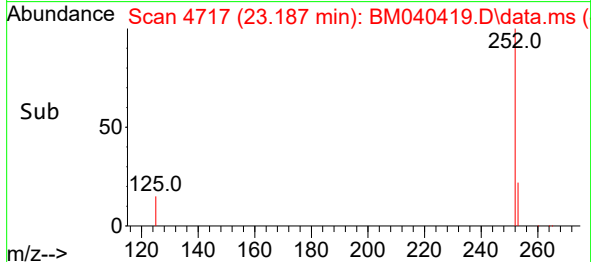
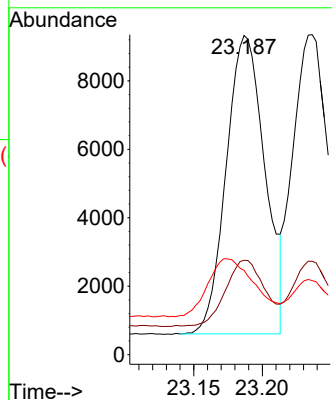
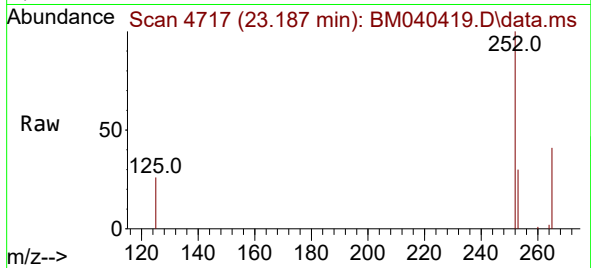




#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul
RT: 23.187 min Scan# 4717
Delta R.T. -0.006 min
Lab File: BM040419.D
Acq: 27 Jun 2023 01:58

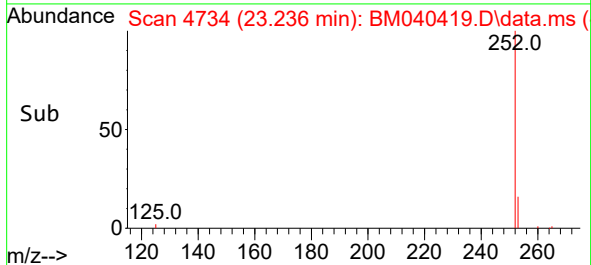
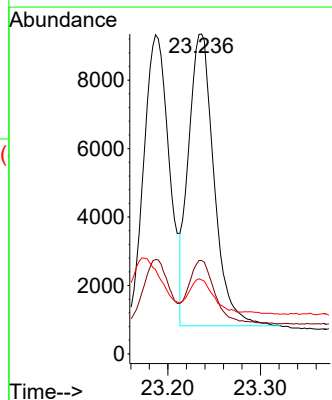
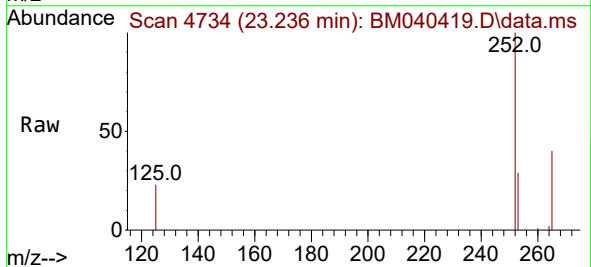
Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

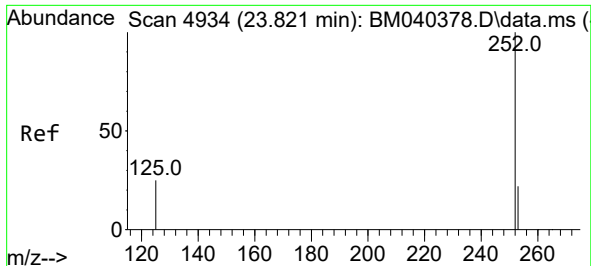
Tgt Ion:252 Resp: 17089
Ion Ratio Lower Upper
252 100
253 29.5 0.0 52.8
125 26.4 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul
RT: 23.236 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM040419.D
Acq: 27 Jun 2023 01:58

Tgt Ion:252 Resp: 16340
Ion Ratio Lower Upper
252 100
253 29.2 21.2 31.8
125 23.1 16.4 24.6

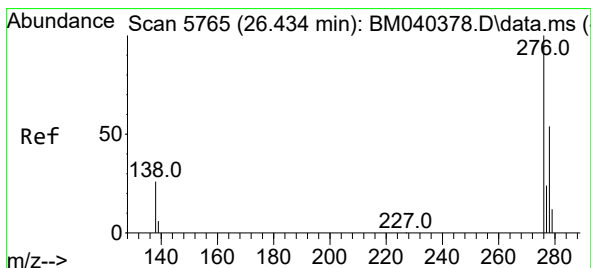
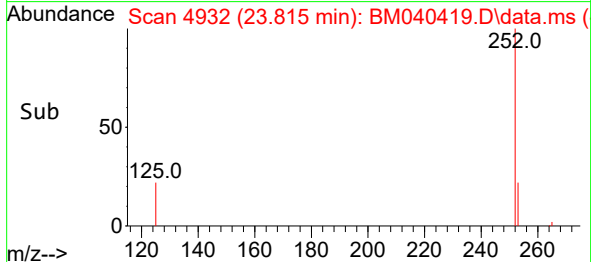
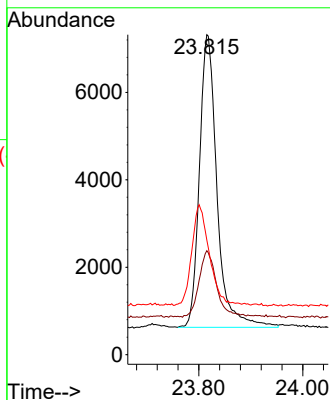
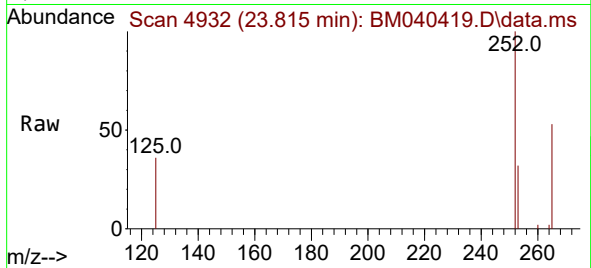




#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.815 min Scan# 4934
Delta R.T. -0.009 min
Lab File: BM040419.D
Acq: 27 Jun 2023 01:58

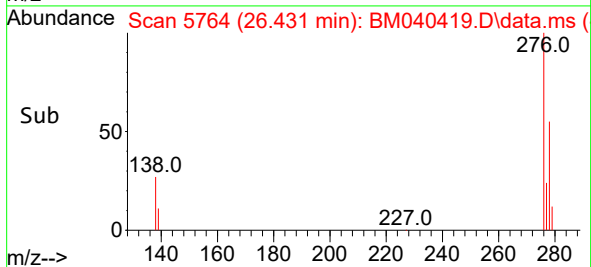
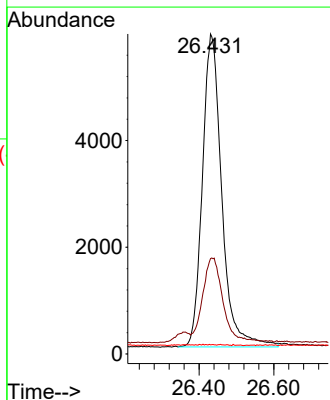
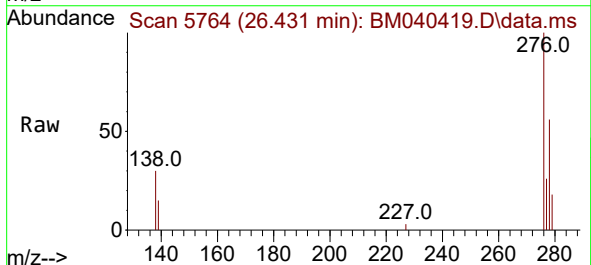
Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

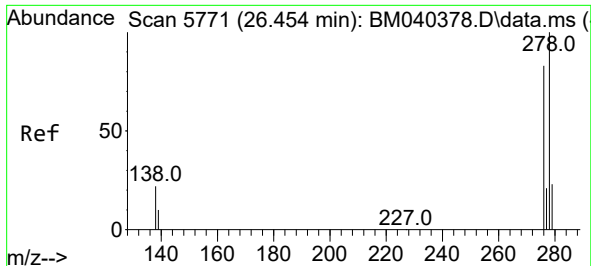
Tgt Ion:252 Resp: 15707
Ion Ratio Lower Upper
252 100
253 32.5 22.9 34.3
125 35.8 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul
RT: 26.431 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM040419.D
Acq: 27 Jun 2023 01:58

Tgt Ion:276 Resp: 21124
Ion Ratio Lower Upper
276 100
138 28.2 24.5 36.7
227 0.1 0.1 0.1

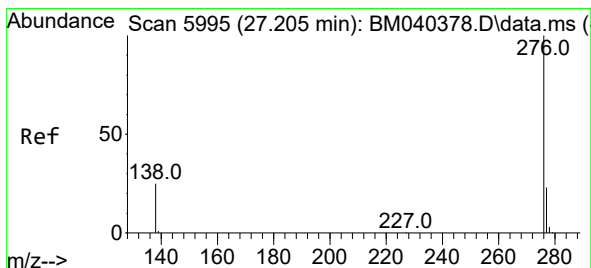
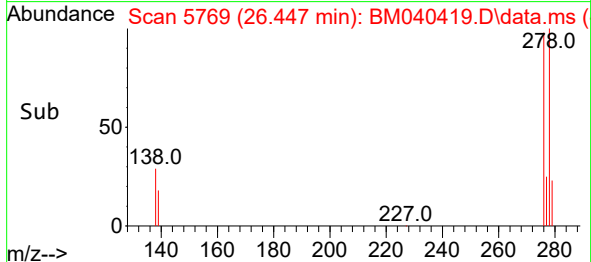
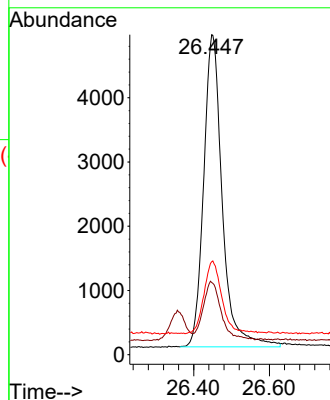
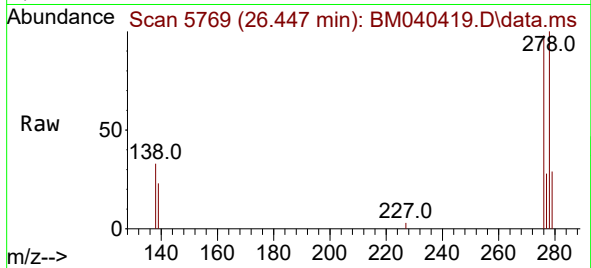




#28
Dibenzo(a,h)anthracene
Concen: 0.366 ng/ul
RT: 26.447 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM040419.D
Acq: 27 Jun 2023 01:58

Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

Tgt Ion:278 Resp: 16562
Ion Ratio Lower Upper
278 100
139 22.6 17.9 26.9
279 29.1 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 27.199 min Scan# 5993
Delta R.T. -0.007 min
Lab File: BM040419.D
Acq: 27 Jun 2023 01:58

Tgt Ion:276 Resp: 17850
Ion Ratio Lower Upper
276 100
138 28.2 23.0 34.6
277 26.2 20.3 30.5

