

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041460.D
 Acq On : 24 Aug 2023 10:59
 Operator : MA/JU
 Sample : SST0.408
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4045

Quant Time: Aug 24 18:23:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 24 13:21:17 2023
 Response via : Initial Calibration

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

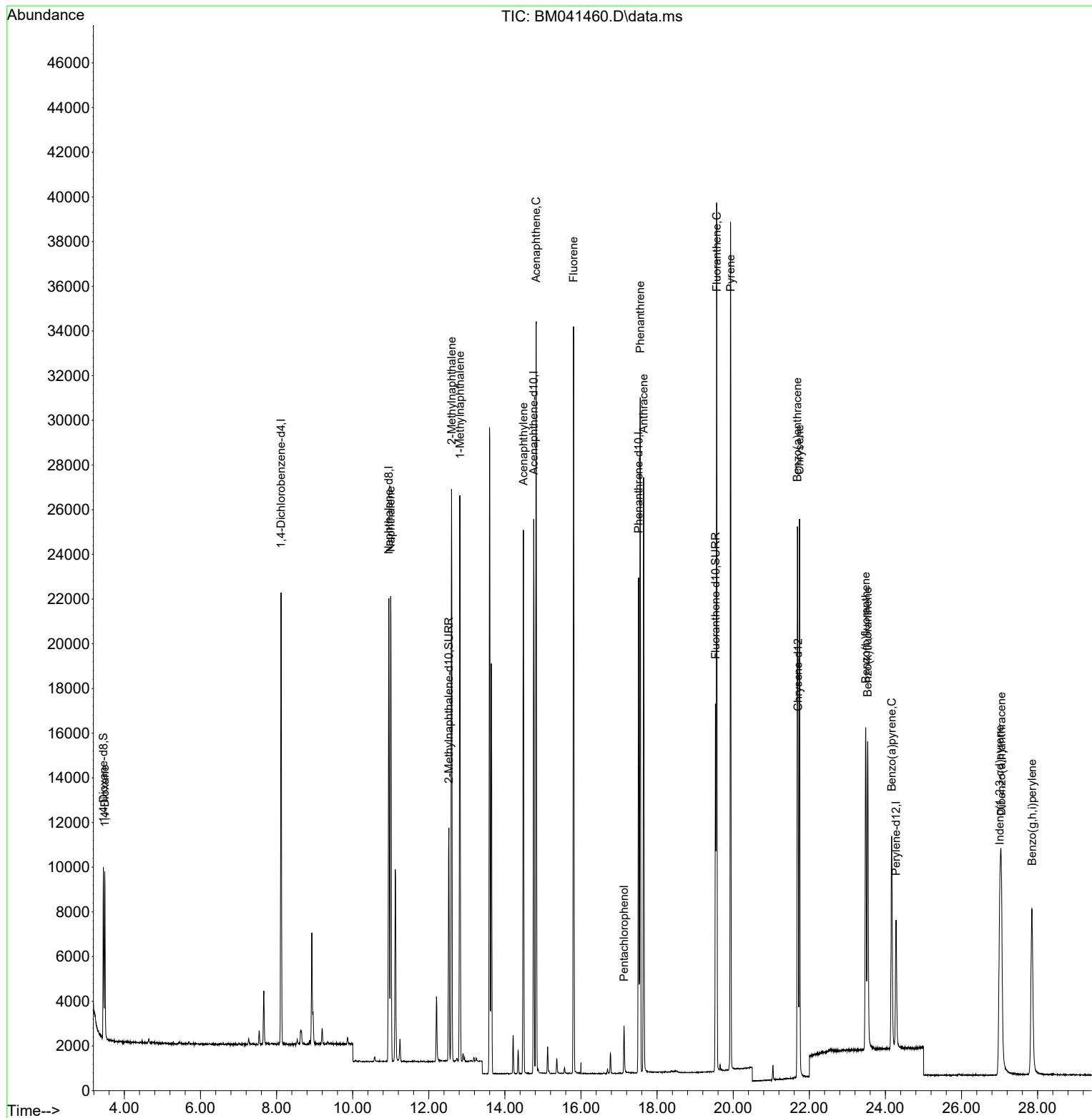
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	9876	0.400	ng/ul	0.00
4) Naphthalene-d8	10.950	136	26832	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.759	164	12458	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.514	188	24377	0.400	ng/ul	0.00
17) Chrysene-d12	21.705	240	8847	0.400	ng/ul	0.00
23) Perylene-d12	24.281	264	8313	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	4447	0.356	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.528	152	12583	0.355	ng/ul	0.00
18) Fluoranthene-d10	19.534	212	14810	0.380	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.486	88	4619	0.359	ng/ul	100
5) Naphthalene	10.999	128	28353	0.355	ng/ul	100
7) 2-Methylnaphthalene	12.599	142	17062	0.355	ng/ul	100
8) 1-Methylnaphthalene	12.819	142	17378	0.356	ng/ul	100
10) Acenaphthylene	14.486	152	26490	0.354	ng/ul	100
11) Acenaphthene	14.819	153	18581	0.357	ng/ul	100
12) Fluorene	15.804	166	20842	0.358	ng/ul	100
14) Pentachlorophenol	17.130	266	1478	0.322	ng/ul	100
15) Phenanthrene	17.557	178	31835	0.356	ng/ul	100
16) Anthracene	17.645	178	28632	0.352	ng/ul	100
19) Fluoranthene	19.566	202	30857	0.380	ng/ul	100
20) Pyrene	19.933	202	30937	0.378	ng/ul	100
21) Benzo(a)anthracene	21.688	228	20471	0.356	ng/ul	100
22) Chrysene	21.743	228	22193	0.357	ng/ul	100
24) Benzo(b)fluoranthene	23.483	252	20167	0.354	ng/ul	100
25) Benzo(k)fluoranthene	23.535	252	19885	0.349	ng/ul	100
26) Benzo(a)pyrene	24.164	252	16453	0.352	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	27.005	276	20157	0.345	ng/ul#	100
28) Dibenzo(a,h)anthracene	27.045	278	15051	0.336	ng/ul	100
29) Benzo(g,h,i)perylene	27.853	276	18075	0.351	ng/ul	100

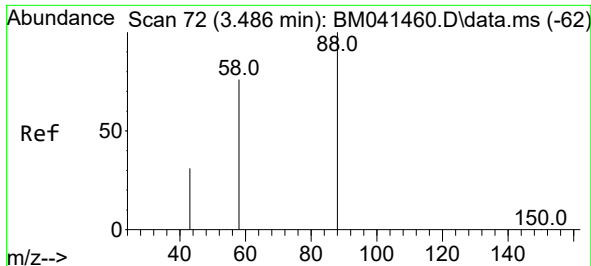
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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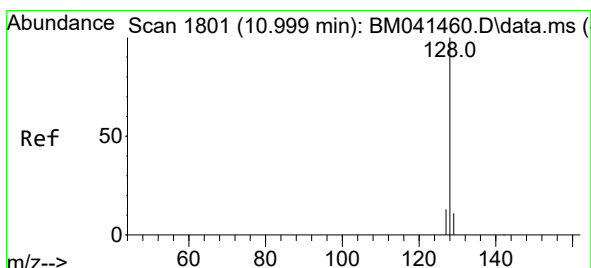
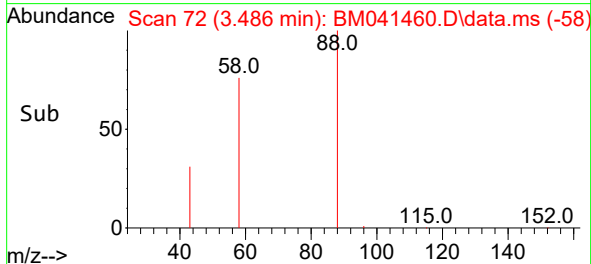
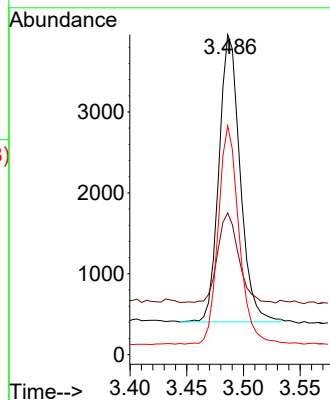
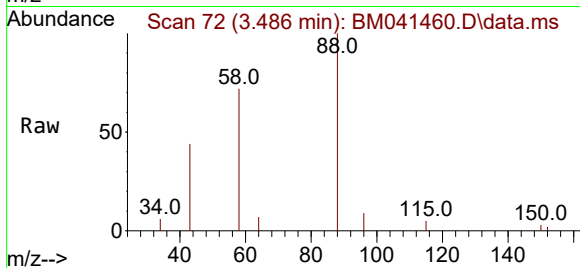




#2
1,4-Dioxane
Concen: 0.359 ng/ul
RT: 3.486 min Scan# 72
Delta R.T. 0.000 min
Lab File: BM041460.D
Acq: 24 Aug 2023 10:59

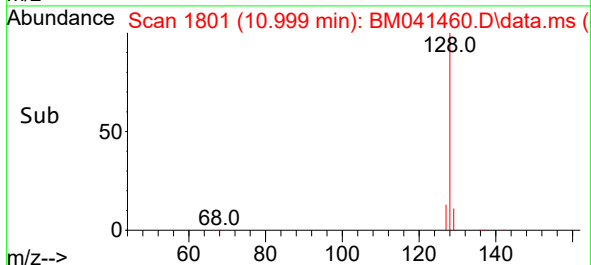
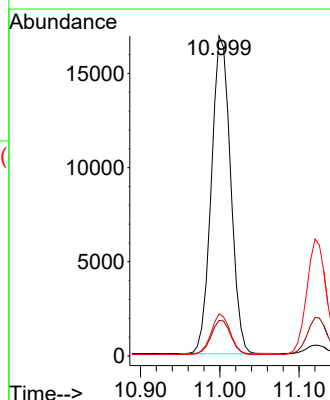
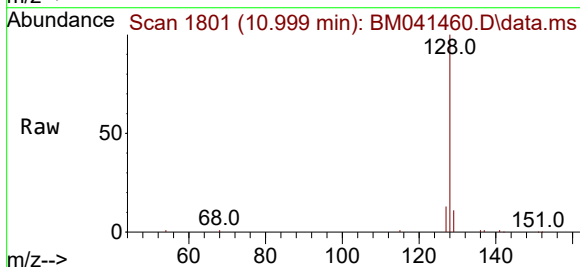
Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

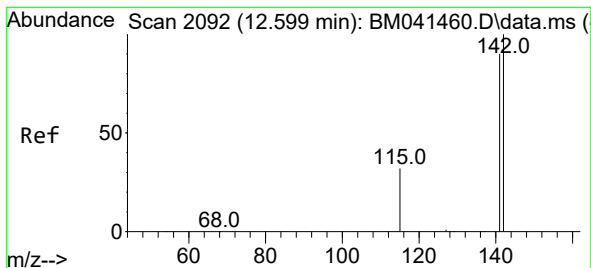
Tgt Ion: 88 Resp: 4619
Ion Ratio Lower Upper
88 100
43 44.3 35.4 53.2
58 71.6 57.3 85.9



#5
Naphthalene
Concen: 0.355 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BM041460.D
Acq: 24 Aug 2023 10:59

Tgt Ion: 128 Resp: 28353
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 15.8

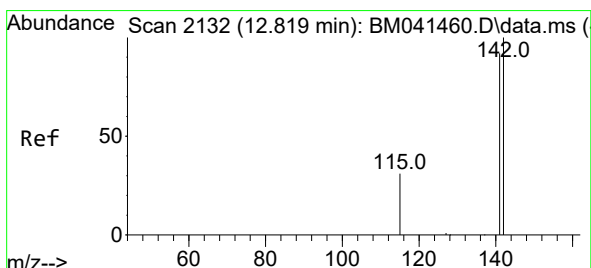
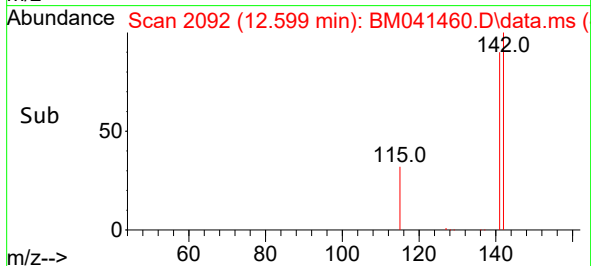
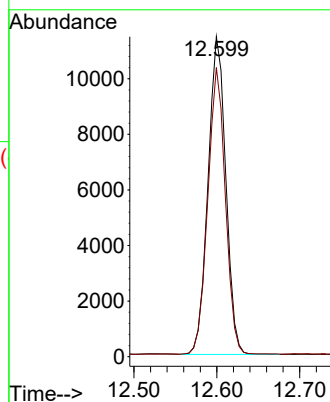
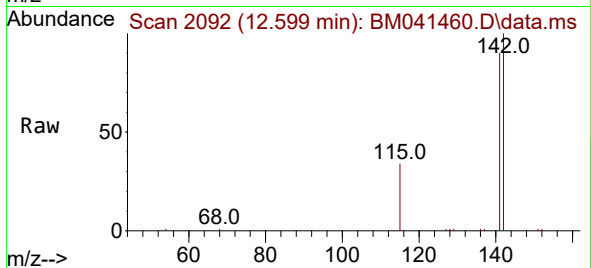




#7
2-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.599 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BM041460.D
Acq: 24 Aug 2023 10:59

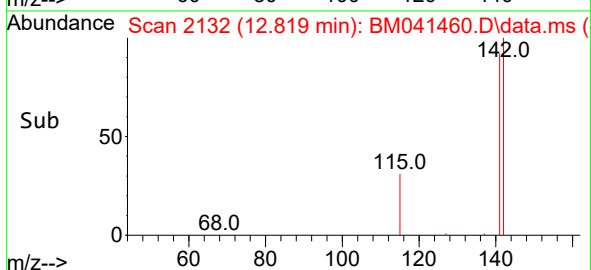
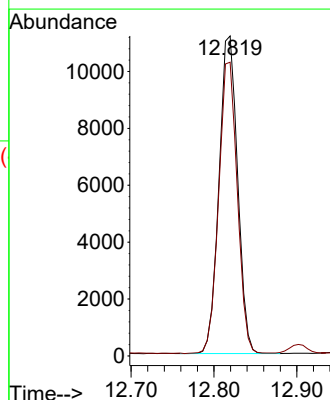
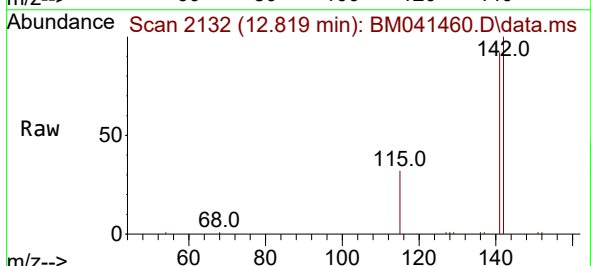
Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

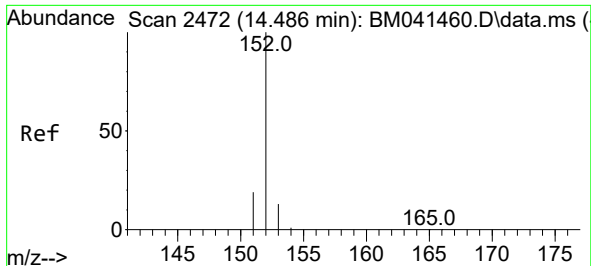
Tgt Ion:142 Resp: 17062
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.819 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BM041460.D
Acq: 24 Aug 2023 10:59

Tgt Ion:142 Resp: 17378
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2

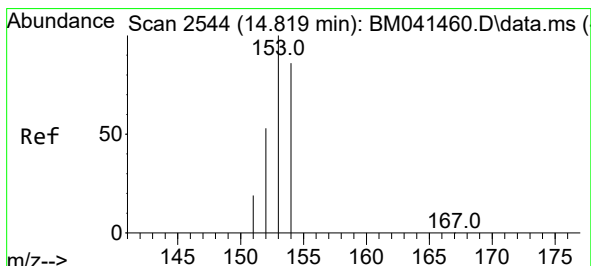
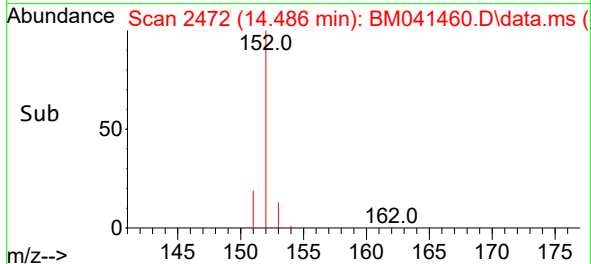
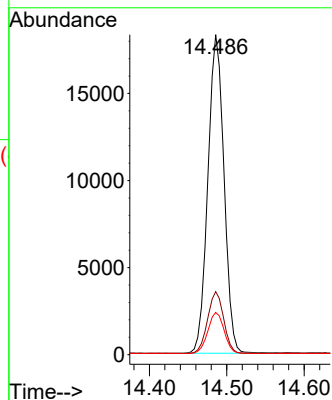
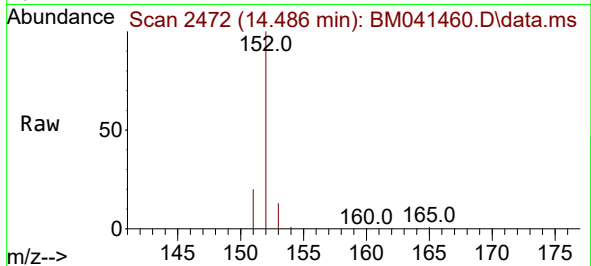




#10
Acenaphthylene
Concen: 0.354 ng/ul
RT: 14.486 min Scan# 2472
Delta R.T. 0.000 min
Lab File: BM041460.D
Acq: 24 Aug 2023 10:59

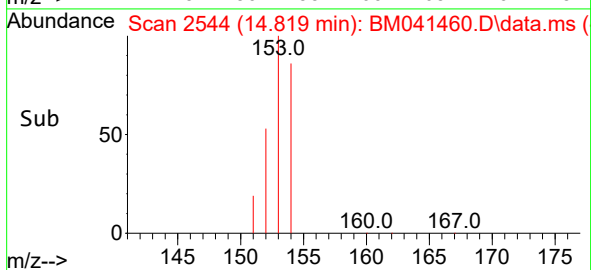
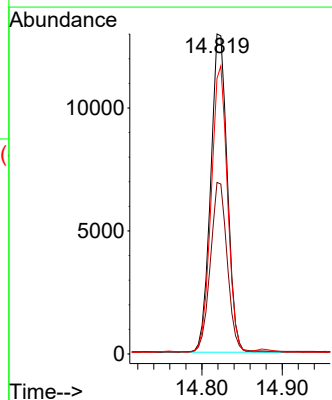
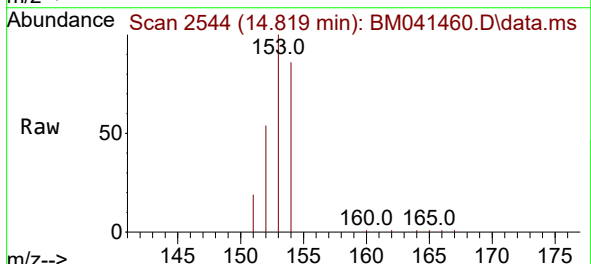
Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

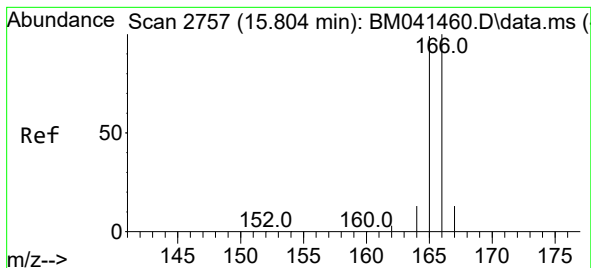
Tgt Ion:152	Resp:	26490
Ion Ratio	Lower	Upper
152	100	
151	19.7	15.8 23.6
153	13.2	10.6 15.8



#11
Acenaphthene
Concen: 0.357 ng/ul
RT: 14.819 min Scan# 2544
Delta R.T. 0.000 min
Lab File: BM041460.D
Acq: 24 Aug 2023 10:59

Tgt Ion:153	Resp:	18581
Ion Ratio	Lower	Upper
153	100	
152	53.6	42.9 64.3
154	86.1	68.9 103.3





#12

Fluorene

Concen: 0.358 ng/ul

RT: 15.804 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041460.D

Acq: 24 Aug 2023 10:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.4045

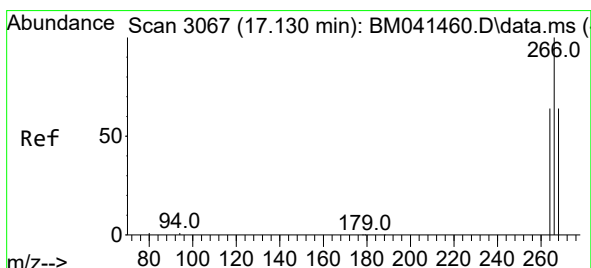
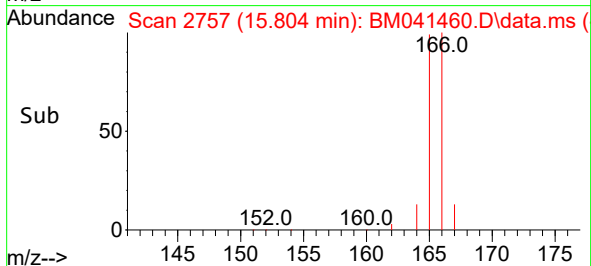
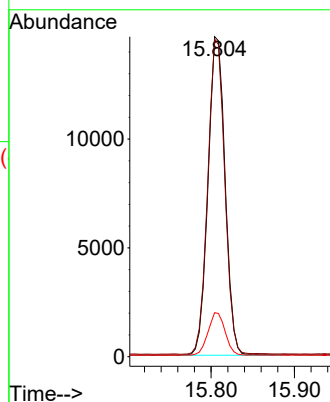
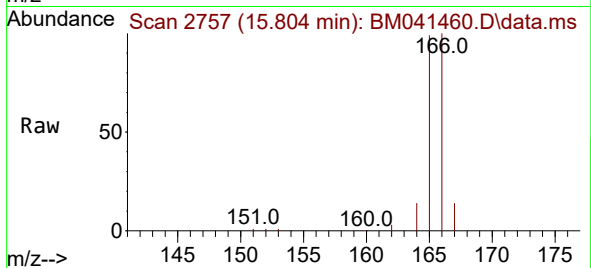
Tgt Ion:166 Resp: 20842

Ion Ratio Lower Upper

166 100

165 99.3 79.4 119.2

167 13.8 11.0 16.6



#14

Pentachlorophenol

Concen: 0.322 ng/ul

RT: 17.130 min Scan# 3067

Delta R.T. 0.000 min

Lab File: BM041460.D

Acq: 24 Aug 2023 10:59

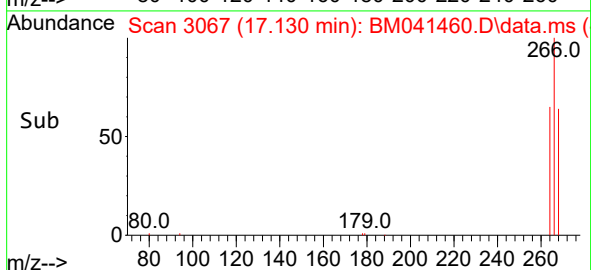
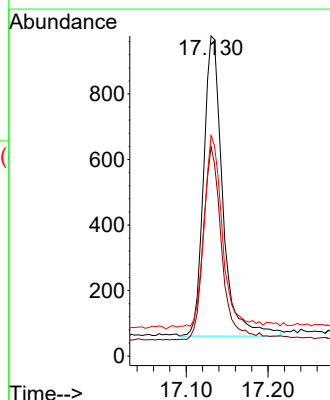
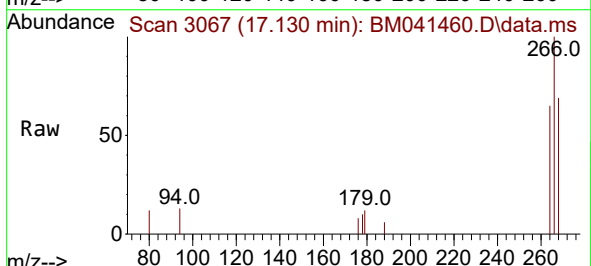
Tgt Ion:266 Resp: 1478

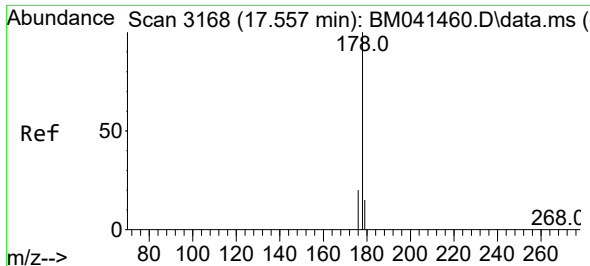
Ion Ratio Lower Upper

266 100

264 62.6 50.1 75.1

268 60.8 48.6 73.0

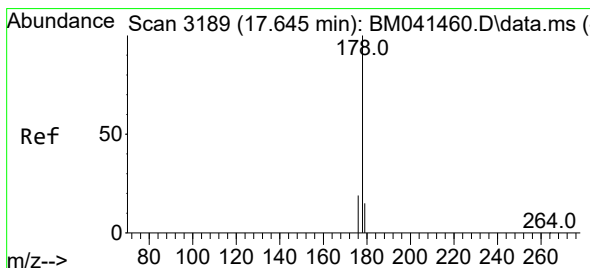
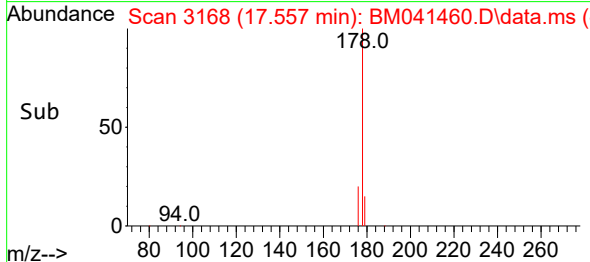
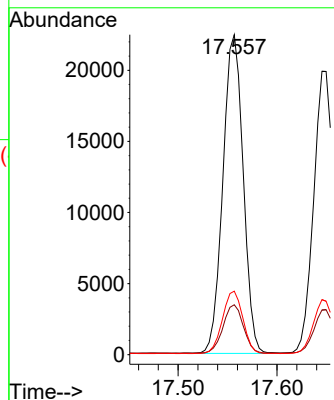
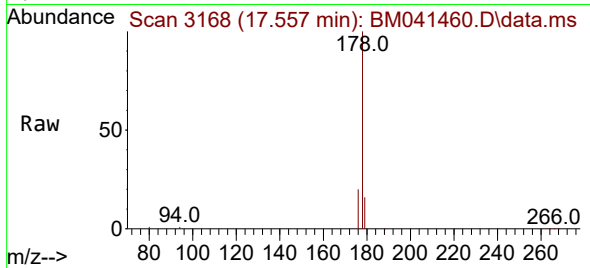




#15
Phenanthrene
Concen: 0.356 ng/ul
RT: 17.557 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BM041460.D
Acq: 24 Aug 2023 10:59

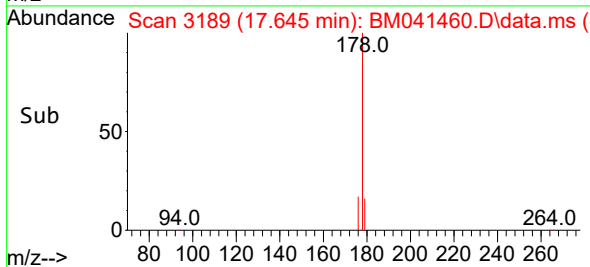
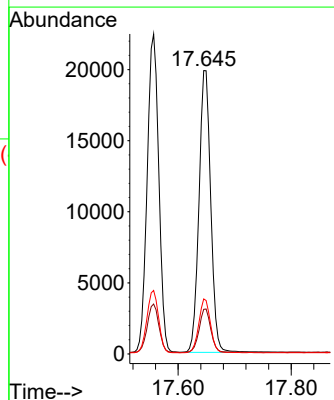
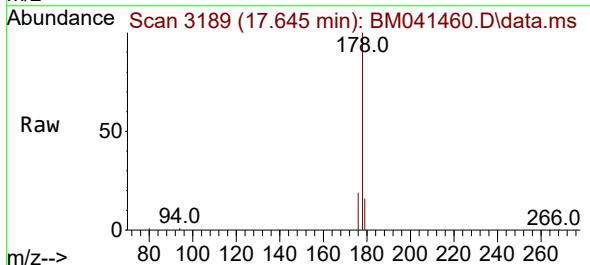
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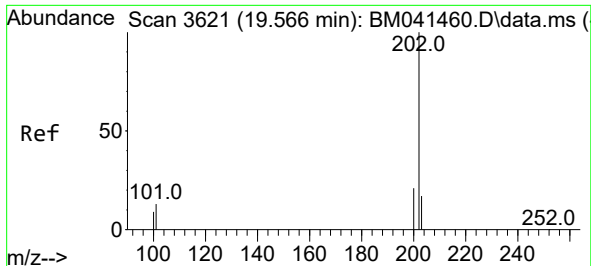
Tgt Ion:178 Resp: 31835
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.8 15.8 23.8



#16
Anthracene
Concen: 0.352 ng/ul
RT: 17.645 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BM041460.D
Acq: 24 Aug 2023 10:59

Tgt Ion:178 Resp: 28632
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.4 15.5 23.3

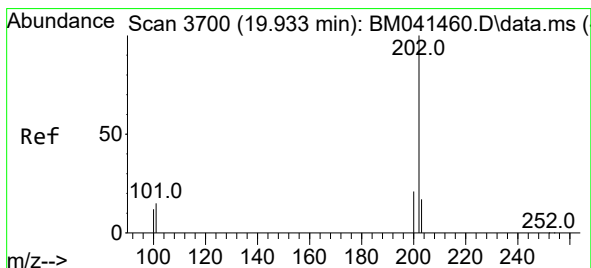
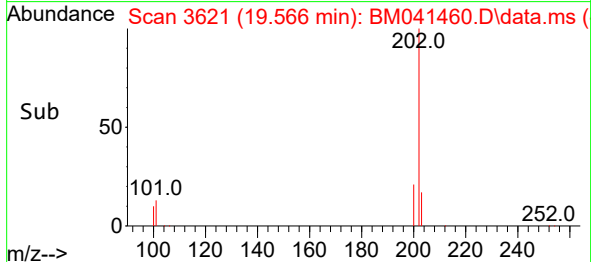
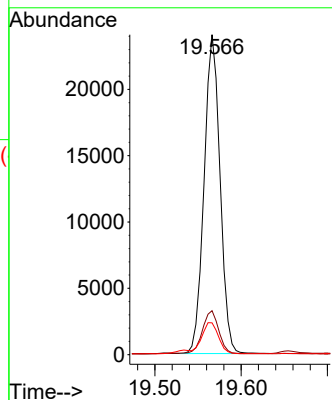
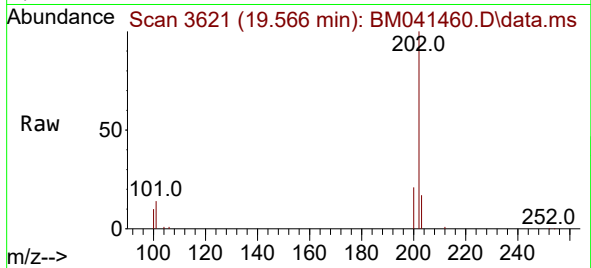




#19
Fluoranthene
Concen: 0.380 ng/ul
RT: 19.566 min Scan# 3621
Delta R.T. 0.000 min
Lab File: BM041460.D
Acq: 24 Aug 2023 10:59

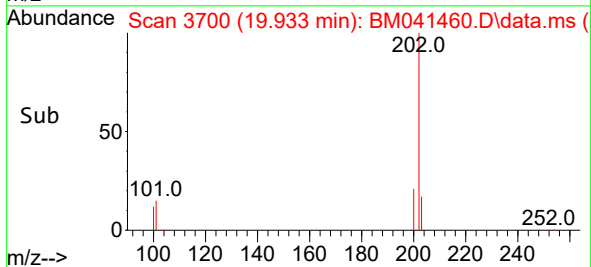
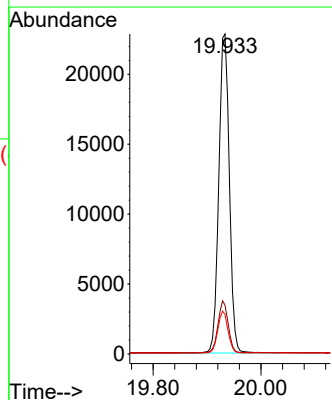
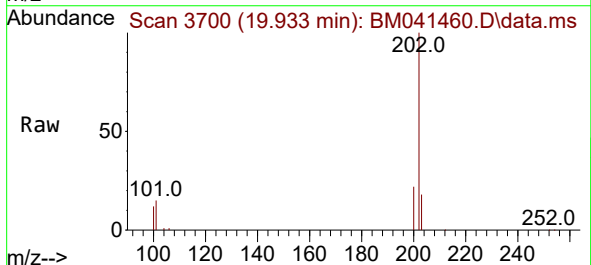
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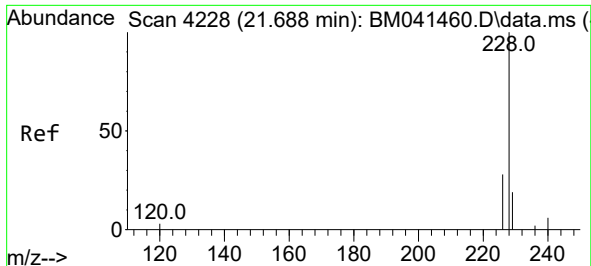
Tgt Ion:202 Resp: 30857
Ion Ratio Lower Upper
202 100
101 13.8 11.0 16.6
100 9.9 7.9 11.9



#20
Pyrene
Concen: 0.378 ng/ul
RT: 19.933 min Scan# 3700
Delta R.T. 0.000 min
Lab File: BM041460.D
Acq: 24 Aug 2023 10:59

Tgt Ion:202 Resp: 30937
Ion Ratio Lower Upper
202 100
101 15.2 12.2 18.2
100 12.3 9.8 14.8

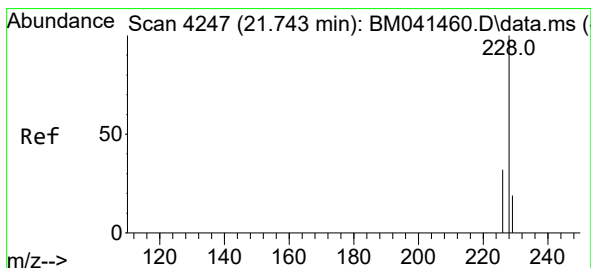
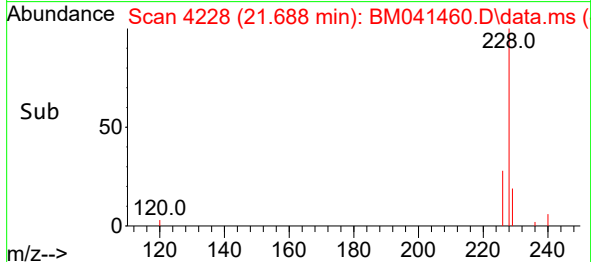
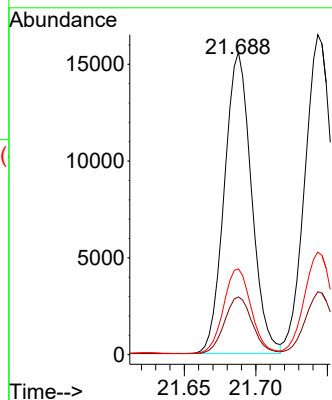
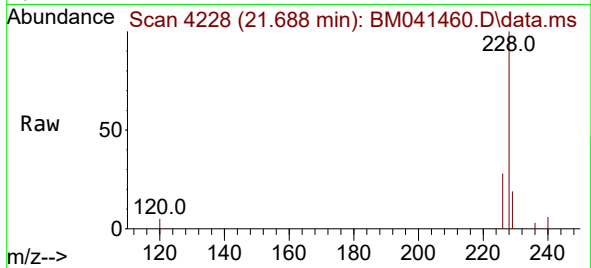




#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.688 min Scan# 4228
Delta R.T. 0.000 min
Lab File: BM041460.D
Acq: 24 Aug 2023 10:59

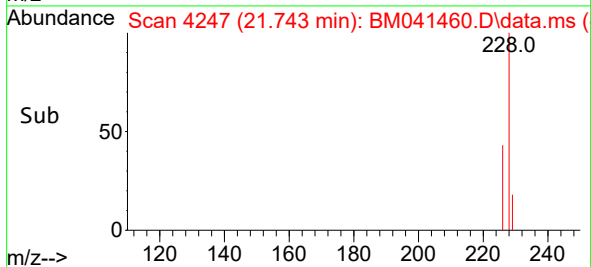
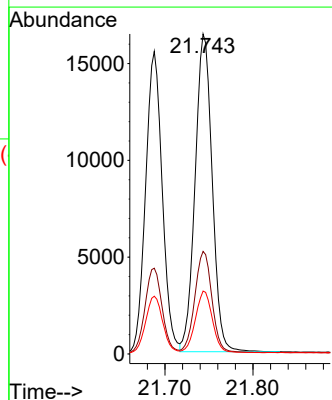
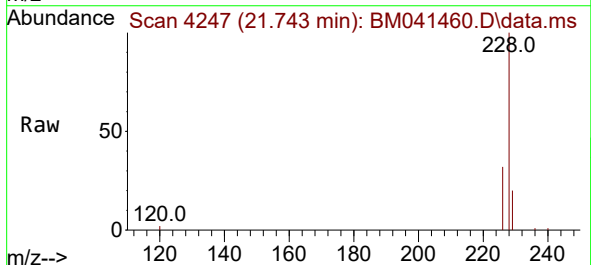
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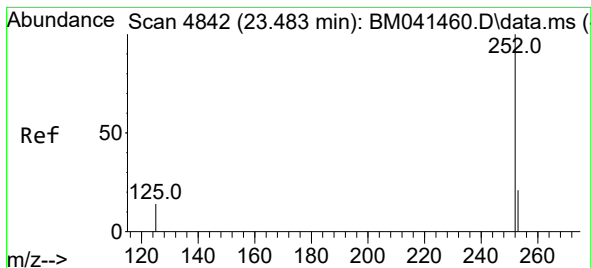
Tgt Ion:228 Resp: 20471
Ion Ratio Lower Upper
228 100
229 19.1 15.3 22.9
226 28.4 22.7 34.1



#22
Chrysene
Concen: 0.357 ng/ul
RT: 21.743 min Scan# 4247
Delta R.T. 0.000 min
Lab File: BM041460.D
Acq: 24 Aug 2023 10:59

Tgt Ion:228 Resp: 22193
Ion Ratio Lower Upper
228 100
226 32.0 25.6 38.4
229 19.6 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.354 ng/ul

RT: 23.483 min Scan# 4842

Delta R.T. 0.000 min

Lab File: BM041460.D

Acq: 24 Aug 2023 10:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.4045

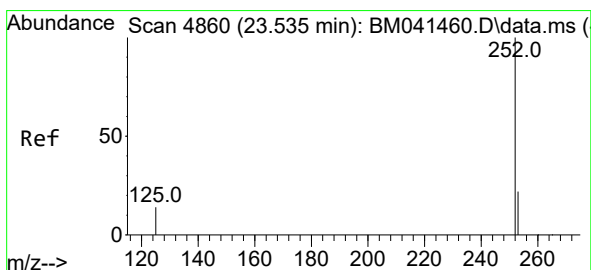
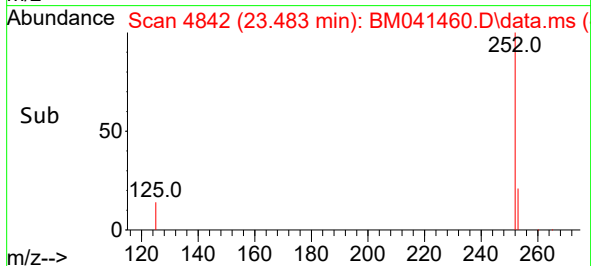
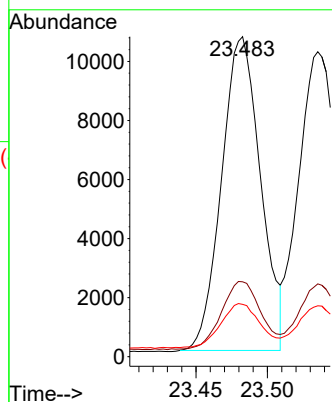
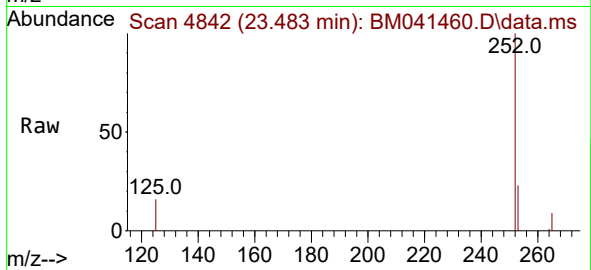
Tgt Ion:252 Resp: 20167

Ion Ratio Lower Upper

252 100

253 23.4 0.0 46.8

125 16.4 0.0 32.8



#25

Benzo(k)fluoranthene

Concen: 0.349 ng/ul

RT: 23.535 min Scan# 4860

Delta R.T. 0.000 min

Lab File: BM041460.D

Acq: 24 Aug 2023 10:59

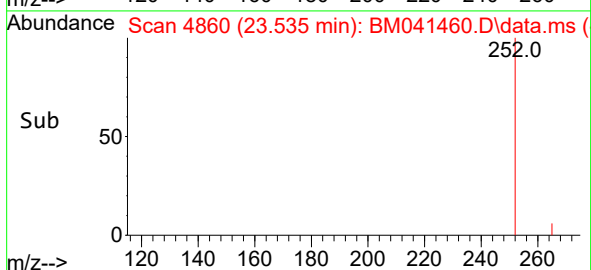
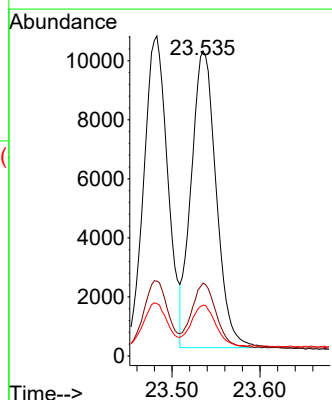
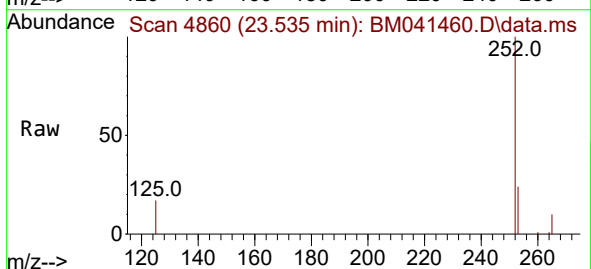
Tgt Ion:252 Resp: 19885

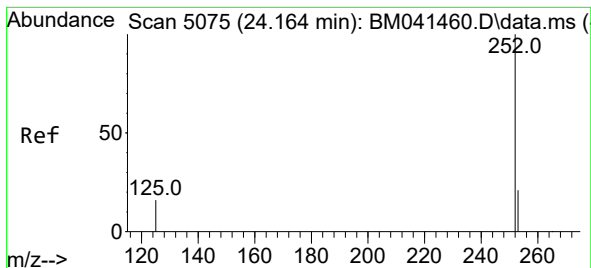
Ion Ratio Lower Upper

252 100

253 23.9 19.1 28.7

125 16.7 13.4 20.0





#26

Benzo(a)pyrene

Concen: 0.352 ng/ul

RT: 24.164 min Scan# 5075

Delta R.T. 0.000 min

Lab File: BM041460.D

Acq: 24 Aug 2023 10:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.4045

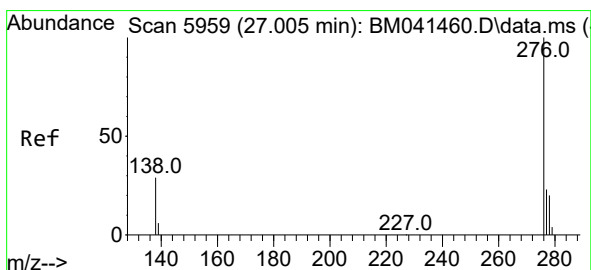
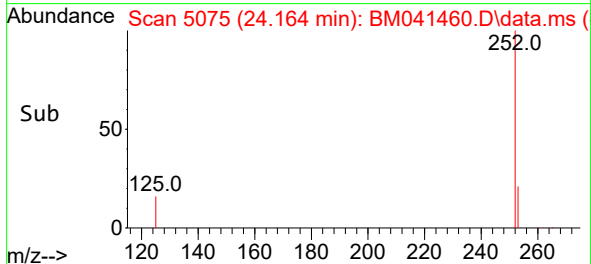
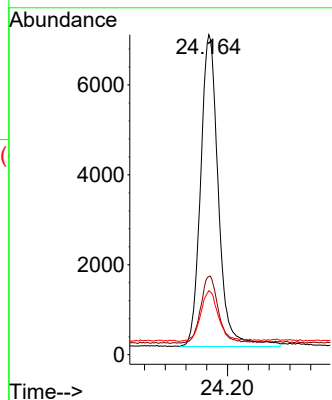
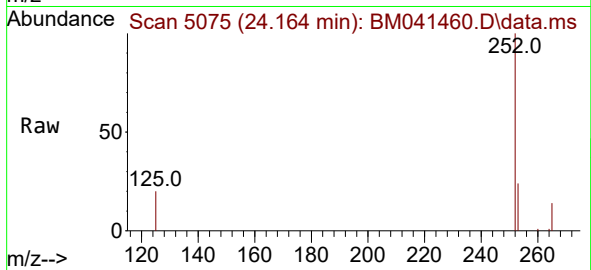
Tgt Ion:252 Resp: 16453

Ion Ratio Lower Upper

252 100

253 24.4 19.5 29.3

125 20.0 16.0 24.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.345 ng/ul

RT: 27.005 min Scan# 5959

Delta R.T. 0.000 min

Lab File: BM041460.D

Acq: 24 Aug 2023 10:59

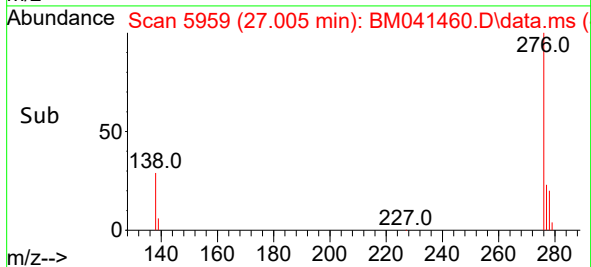
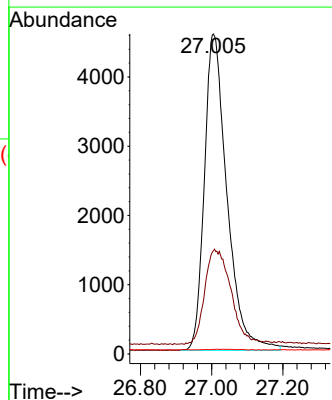
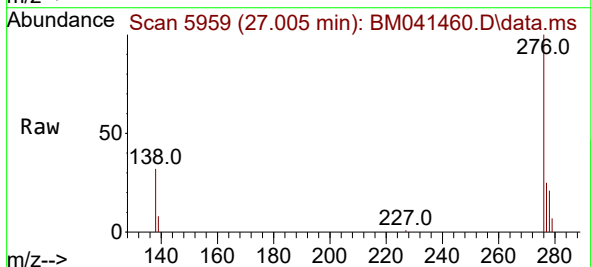
Tgt Ion:276 Resp: 20157

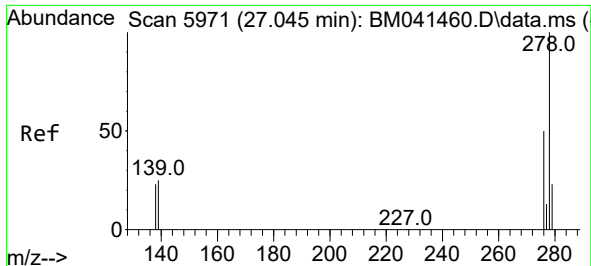
Ion Ratio Lower Upper

276 100

138 34.7 27.8 41.6

227 0.0 0.0 0.0#

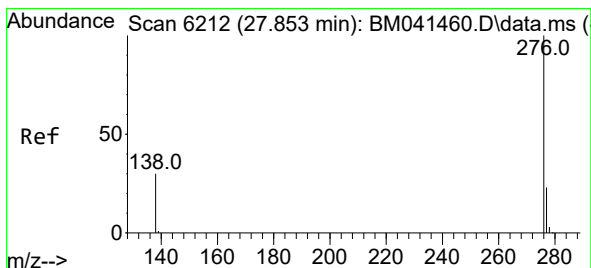
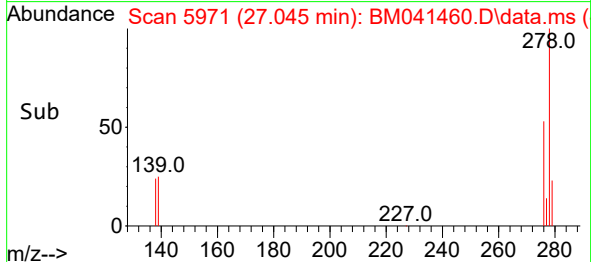
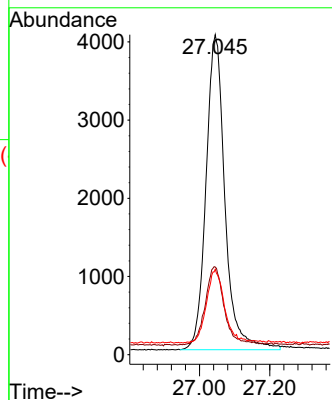
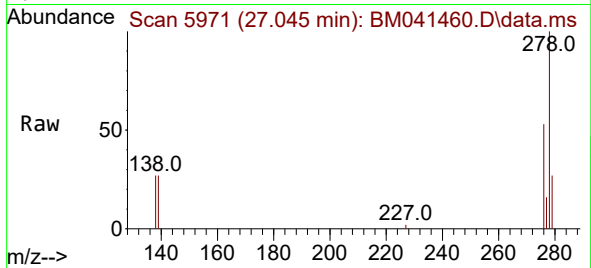




#28
 Dibenzo(a,h)anthracene
 Concen: 0.336 ng/ul
 RT: 27.045 min Scan# 5971
 Delta R.T. 0.000 min
 Lab File: BM041460.D
 Acq: 24 Aug 2023 10:59

Instrument :
 BNA_M
 ClientSampleId :
 SST00.4045

Tgt Ion:278 Resp: 15051
 Ion Ratio Lower Upper
 278 100
 139 27.4 21.9 32.9
 279 26.7 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.351 ng/ul
 RT: 27.853 min Scan# 6212
 Delta R.T. 0.000 min
 Lab File: BM041460.D
 Acq: 24 Aug 2023 10:59

Tgt Ion:276 Resp: 18075
 Ion Ratio Lower Upper
 276 100
 138 32.4 25.9 38.9
 277 24.3 19.4 29.2

