

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
 Data File : BM040829.D
 Acq On : 12 Jul 2023 09:32
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4172

Quant Time: Jul 13 00:11:50 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 : Wed Jul 12 05:37:29 2023
 Response via : Initial Calibration

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

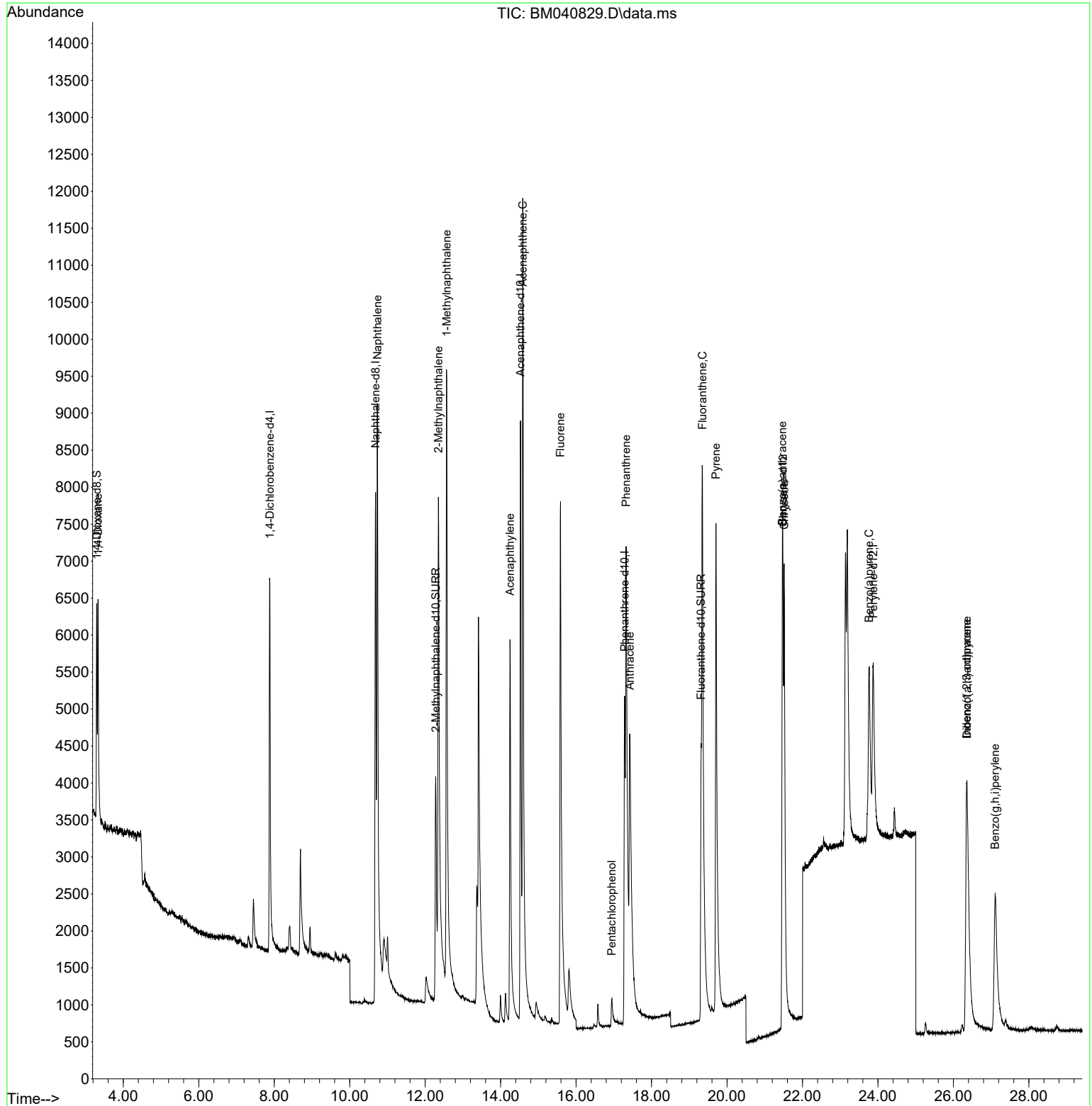
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	3545	0.400	ng/ul	0.00
4) Naphthalene-d8	10.685	136	14254	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.527	164	6199	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.286	188	9224	0.400	ng/ul	0.00
17) Chrysene-d12	21.483	240	6100	0.400	ng/ul	0.00
23) Perylene-d12	23.874	264	5233	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	2463	0.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	7523	0.376	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	8391	0.429	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.330	88	1963	0.346	ng/ul	90
5) Naphthalene	10.735	128	14914	0.379	ng/ul	99
7) 2-Methylnaphthalene	12.352	142	8553	0.370	ng/ul	98
8) 1-Methylnaphthalene	12.572	142	8097	0.351	ng/ul	98
10) Acenaphthylene	14.250	152	10092	0.364	ng/ul	97
11) Acenaphthene	14.587	153	8794	0.376	ng/ul	97
12) Fluorene	15.587	166	8974	0.359	ng/ul	99
14) Pentachlorophenol	16.944	266	573	0.323	ng/ul	94
15) Phenanthrene	17.328	178	10873	0.379	ng/ul	97
16) Anthracene	17.426	178	9823	0.408	ng/ul	93
19) Fluoranthene	19.348	202	10600	0.409	ng/ul	98
20) Pyrene	19.705	202	11429	0.411	ng/ul	96
21) Benzo(a)anthracene	21.466	228	6921	0.335	ng/ul	98
22) Chrysene	21.515	228	8408	0.357	ng/ul	99
26) Benzo(a)pyrene	23.769	252	6705	0.368	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.350	276	7842	0.309	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.360	278	5872	0.295	ng/ul#	86
29) Benzo(g,h,i)perylene	27.105	276	7356	0.330	ng/ul	96

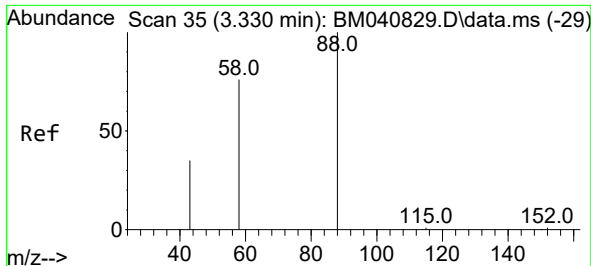
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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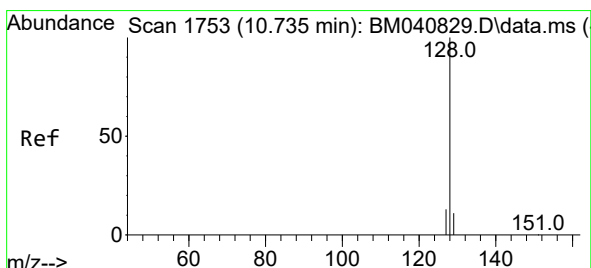
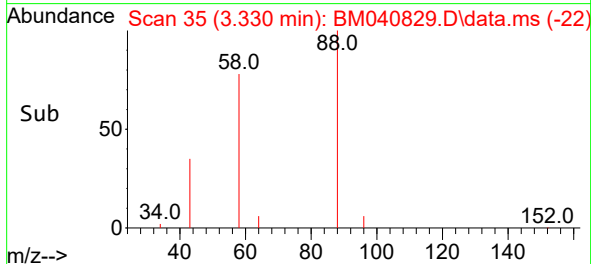
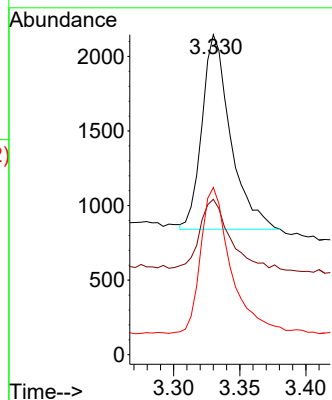
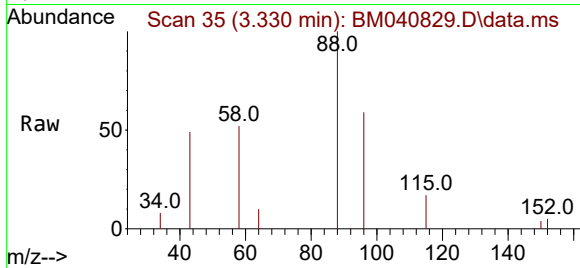




#2
1,4-Dioxane
Concen: 0.346 ng/ul
RT: 3.330 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040829.D
Acq: 12 Jul 2023 09:32

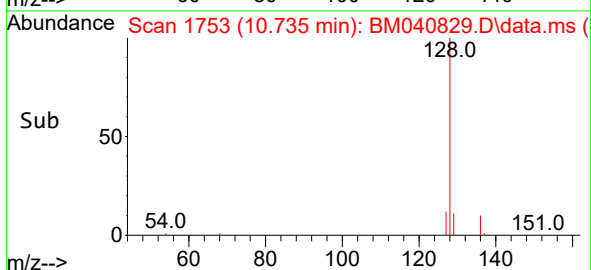
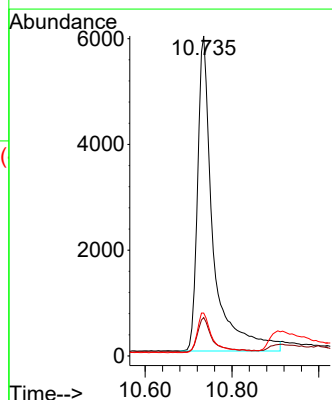
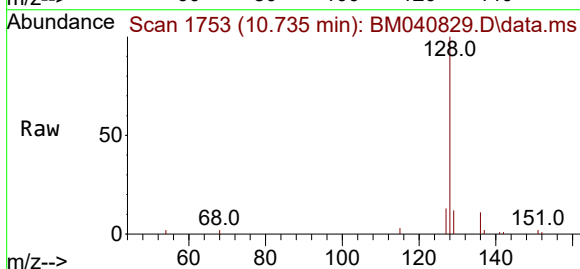
Instrument :
BNA_M
ClientSampleId :
SSTD0.4172

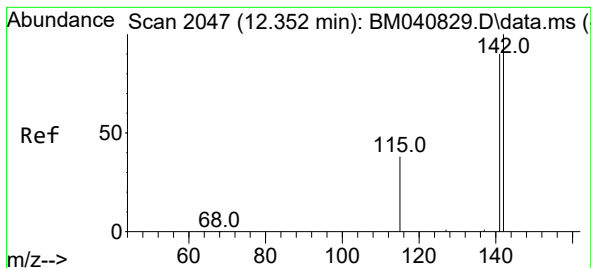
Tgt Ion: 88 Resp: 1963
Ion Ratio Lower Upper
88 100
43 48.6 36.1 54.1
58 52.2 49.8 74.8



#5
Naphthalene
Concen: 0.379 ng/ul
RT: 10.735 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BM040829.D
Acq: 12 Jul 2023 09:32

Tgt Ion: 128 Resp: 14914
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.4 10.6 15.8

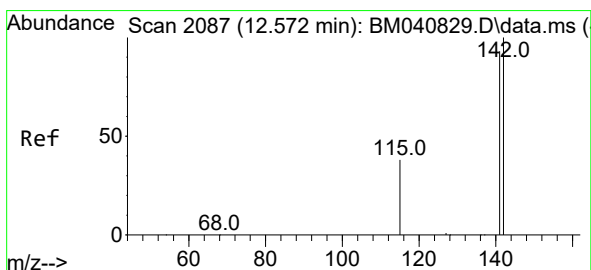
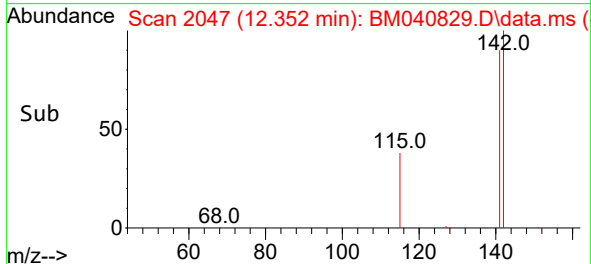
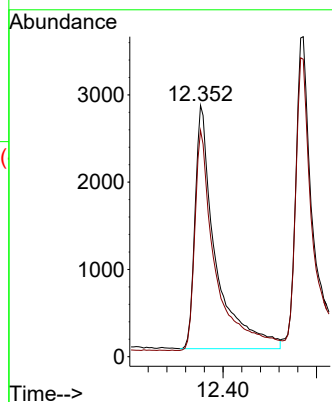
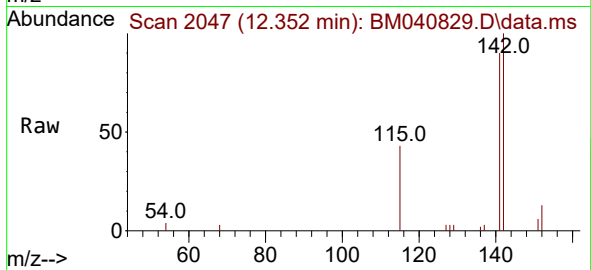




#7
2-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BM040829.D
Acq: 12 Jul 2023 09:32

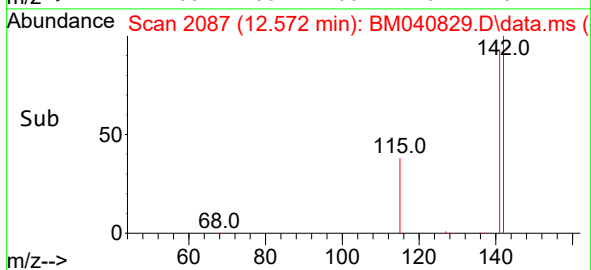
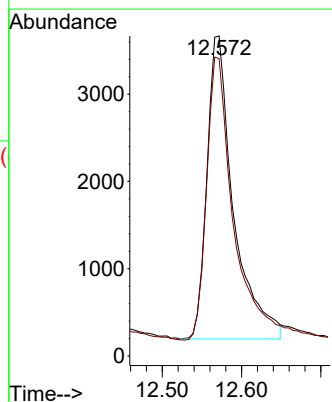
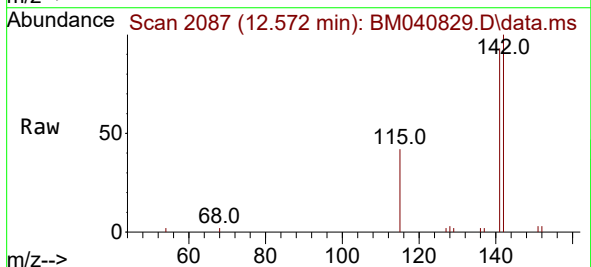
Instrument :
BNA_M
ClientSampleId :
SSTD0.4172

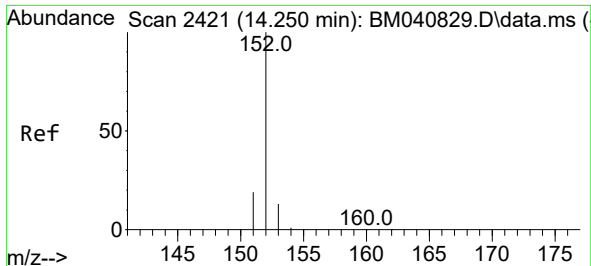
Tgt Ion:142 Resp: 8553
Ion Ratio Lower Upper
142 100
141 92.0 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.572 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM040829.D
Acq: 12 Jul 2023 09:32

Tgt Ion:142 Resp: 8097
Ion Ratio Lower Upper
142 100
141 93.7 73.7 110.5

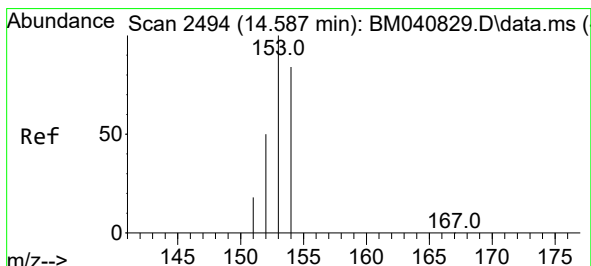
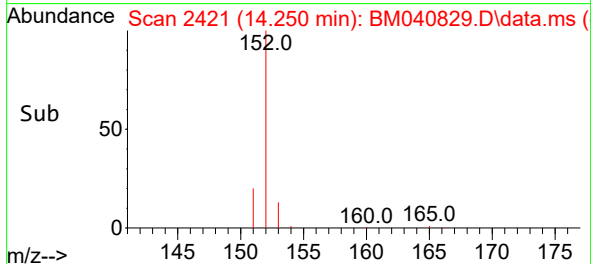
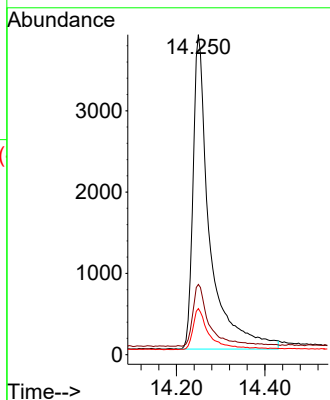
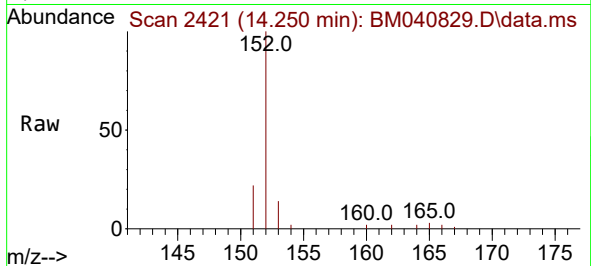




#10
Acenaphthylene
Concen: 0.364 ng/ul
RT: 14.250 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BM040829.D
Acq: 12 Jul 2023 09:32

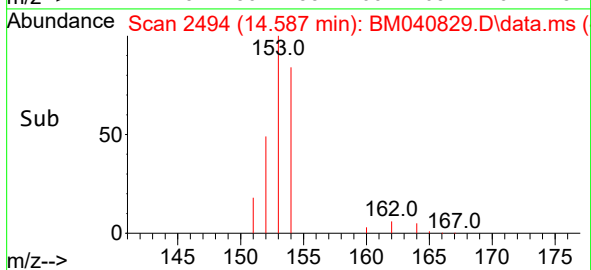
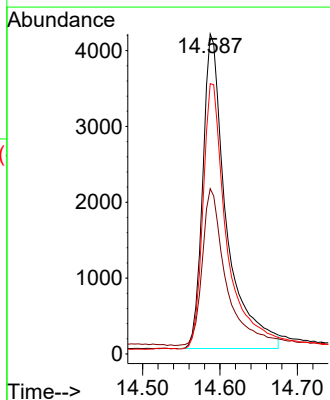
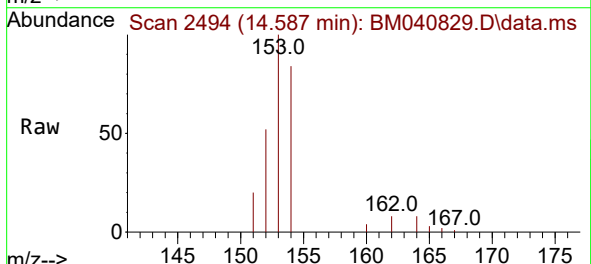
Instrument :
BNA_M
ClientSampleId :
SSTD0.4172

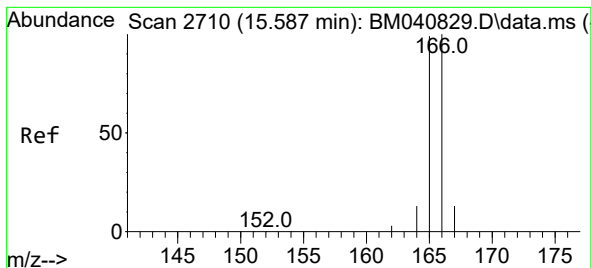
Tgt Ion:152 Resp: 10092
Ion Ratio Lower Upper
152 100
151 22.0 16.2 24.2
153 14.4 10.9 16.3



#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.587 min Scan# 2494
Delta R.T. -0.009 min
Lab File: BM040829.D
Acq: 12 Jul 2023 09:32

Tgt Ion:153 Resp: 8794
Ion Ratio Lower Upper
153 100
152 51.7 41.0 61.4
154 84.4 70.8 106.2





#12

Fluorene

Concen: 0.359 ng/ul

RT: 15.587 min Scan# 2710

Delta R.T. -0.005 min

Lab File: BM040829.D

Acq: 12 Jul 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTD0.4172

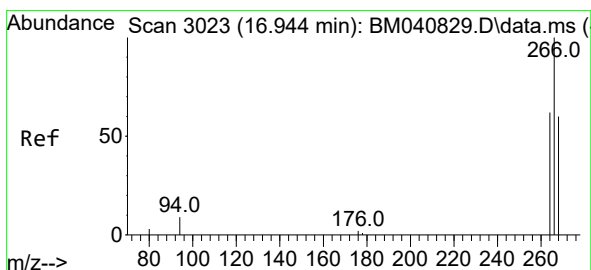
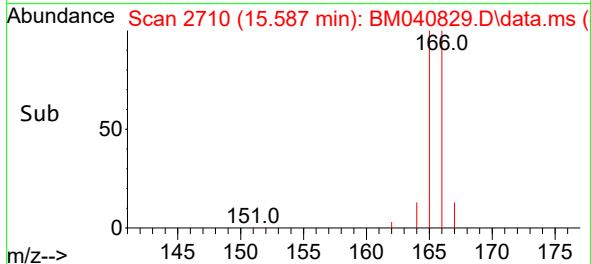
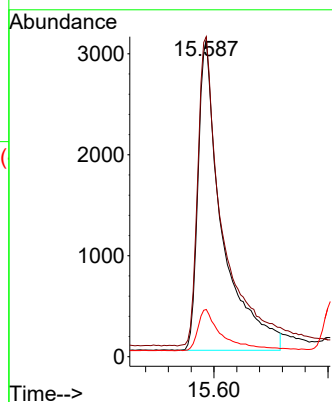
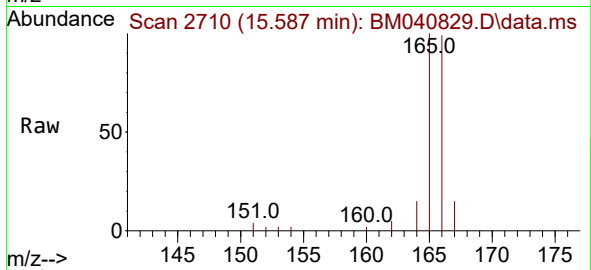
Tgt Ion:166 Resp: 8974

Ion Ratio Lower Upper

166 100

165 101.0 79.6 119.4

167 14.9 11.4 17.0



#14

Pentachlorophenol

Concen: 0.323 ng/ul

RT: 16.944 min Scan# 3023

Delta R.T. -0.004 min

Lab File: BM040829.D

Acq: 12 Jul 2023 09:32

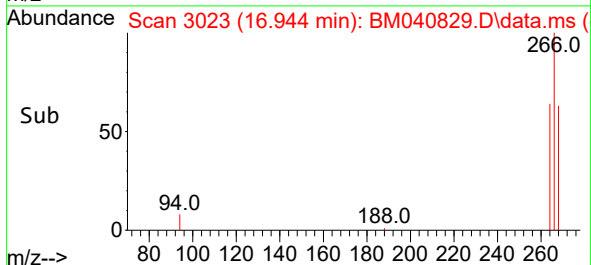
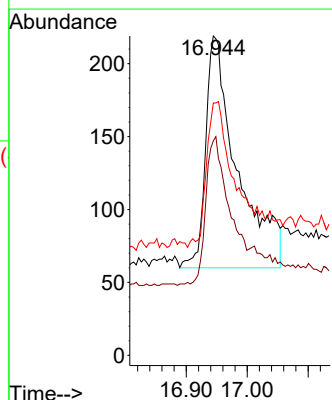
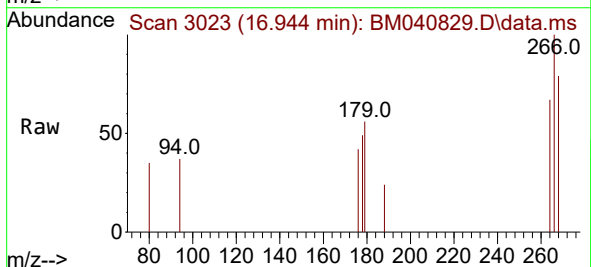
Tgt Ion:266 Resp: 573

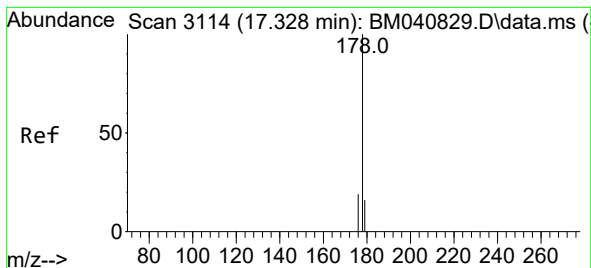
Ion Ratio Lower Upper

266 100

264 61.4 45.4 68.0

268 63.5 47.2 70.8





#15

Phenanthrene

Concen: 0.379 ng/ul

RT: 17.328 min Scan# 3114

Delta R.T. -0.004 min

Lab File: BM040829.D

Acq: 12 Jul 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTD0.4172

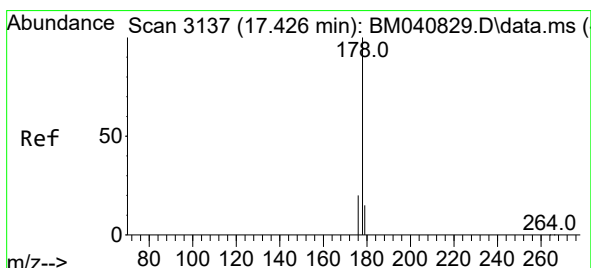
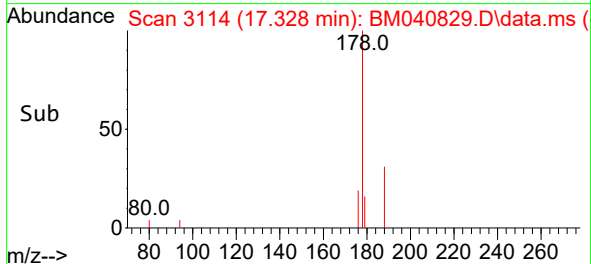
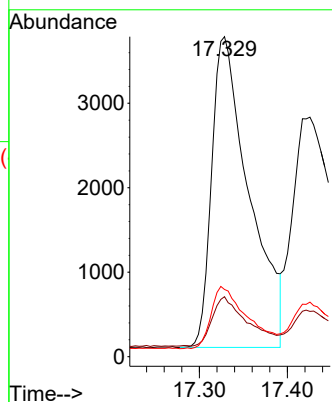
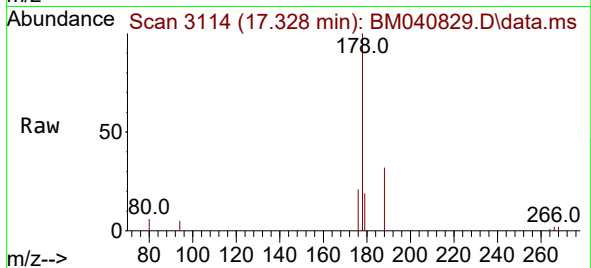
Tgt Ion:178 Resp: 10873

Ion Ratio Lower Upper

178 100

179 18.7 12.8 19.2

176 21.0 16.4 24.6



#16

Anthracene

Concen: 0.408 ng/ul

RT: 17.426 min Scan# 3137

Delta R.T. -0.004 min

Lab File: BM040829.D

Acq: 12 Jul 2023 09:32

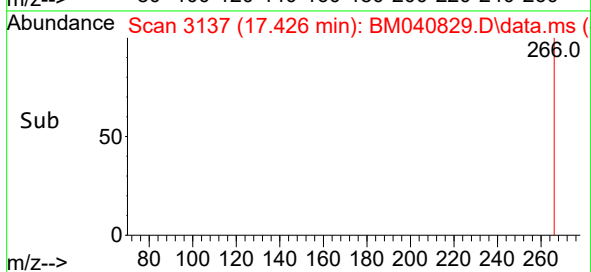
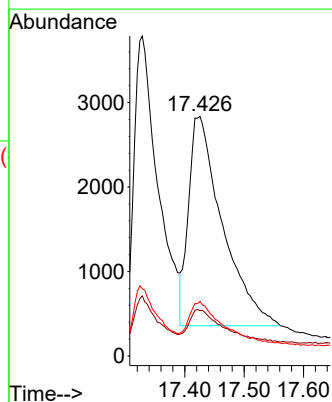
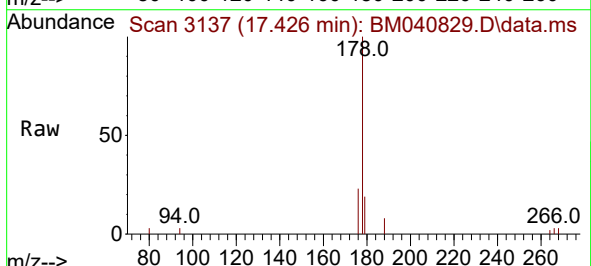
Tgt Ion:178 Resp: 9823

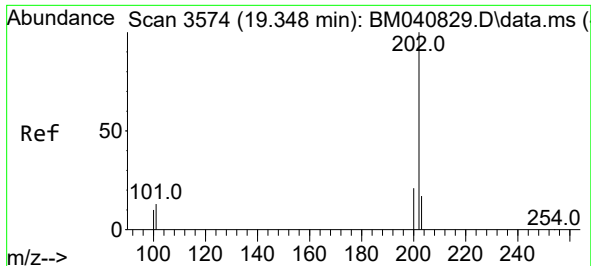
Ion Ratio Lower Upper

178 100

179 18.9 12.9 19.3

176 22.7 15.8 23.6

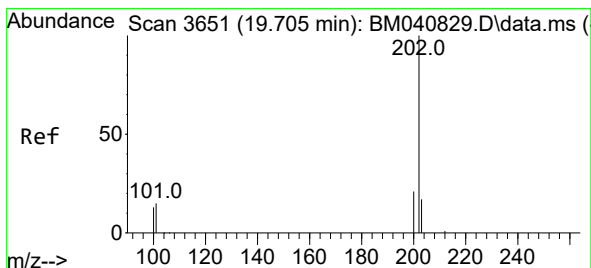
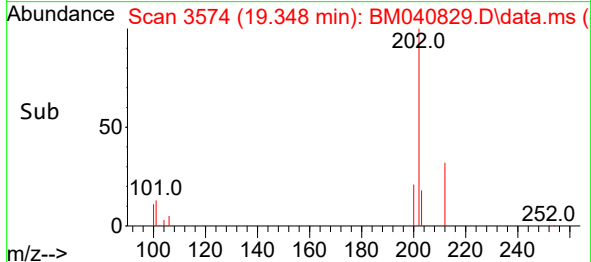
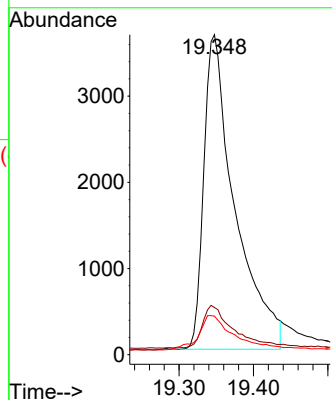
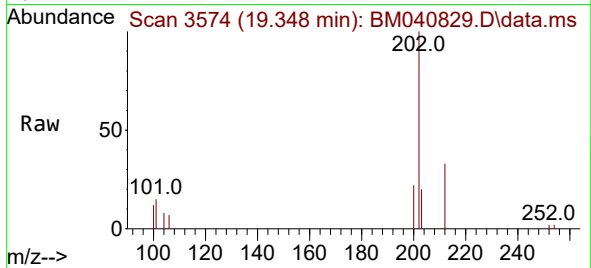




#19
Fluoranthene
Concen: 0.409 ng/ul
RT: 19.348 min Scan# 3574
Delta R.T. -0.005 min
Lab File: BM040829.D
Acq: 12 Jul 2023 09:32

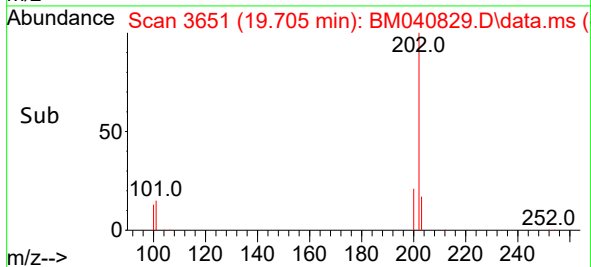
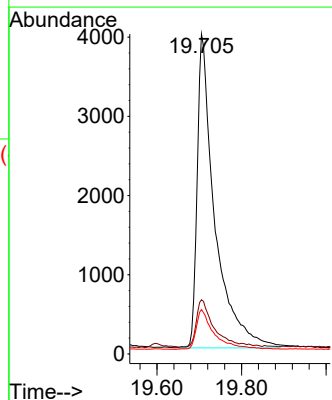
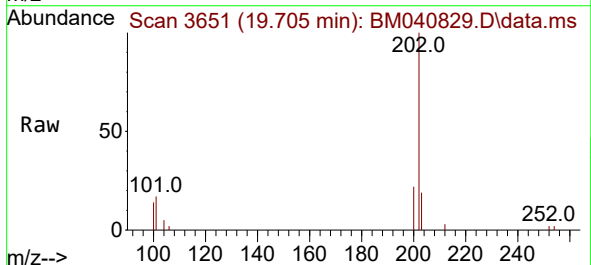
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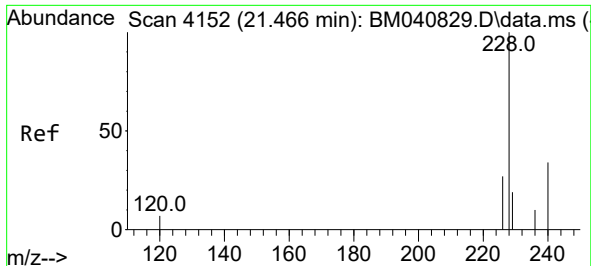
Tgt Ion:202 Resp: 10600
Ion Ratio Lower Upper
202 100
101 14.8 11.4 17.0
100 12.0 8.7 13.1



#20
Pyrene
Concen: 0.411 ng/ul
RT: 19.705 min Scan# 3651
Delta R.T. -0.005 min
Lab File: BM040829.D
Acq: 12 Jul 2023 09:32

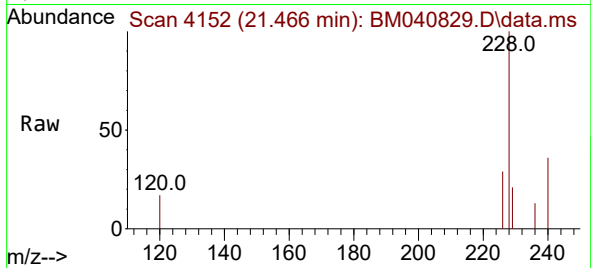
Tgt Ion:202 Resp: 11429
Ion Ratio Lower Upper
202 100
101 17.0 12.6 18.8
100 13.9 9.8 14.6





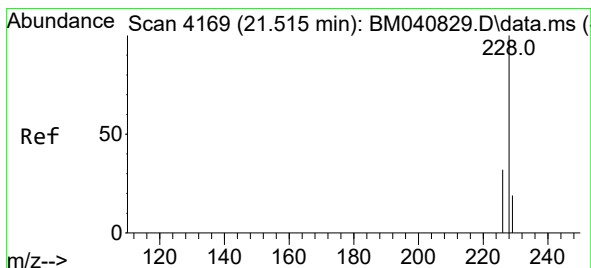
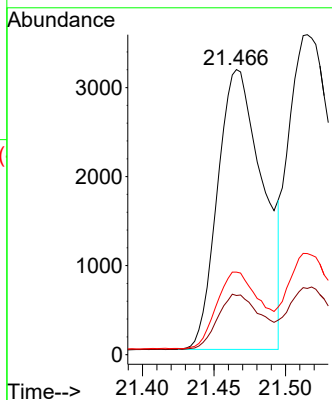
#21
Benzo(a)anthracene
Concen: 0.335 ng/ul
RT: 21.466 min Scan# 4152
Delta R.T. -0.003 min
Lab File: BM040829.D
Acq: 12 Jul 2023 09:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4172



Tgt Ion:228 Resp: 6921

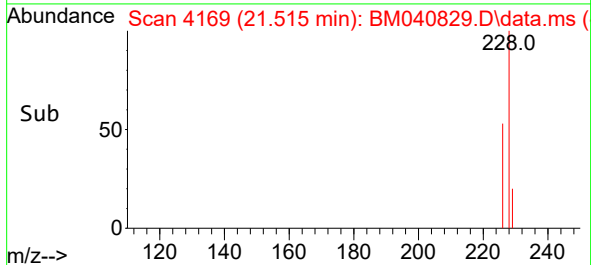
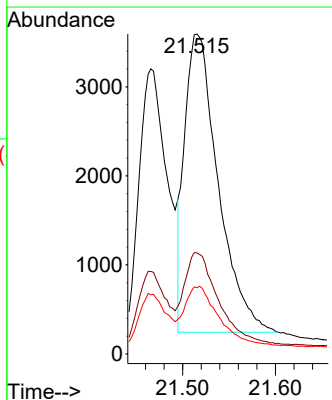
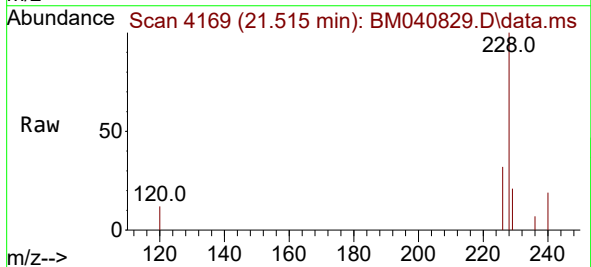
Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.0	24.0
226	29.0	22.3	33.5

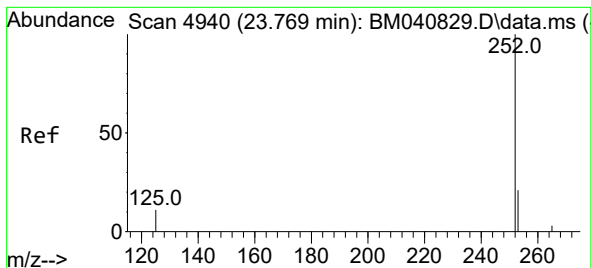


#22
Chrysene
Concen: 0.357 ng/ul
RT: 21.515 min Scan# 4169
Delta R.T. -0.000 min
Lab File: BM040829.D
Acq: 12 Jul 2023 09:32

Tgt Ion:228 Resp: 8408

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	20.7	15.8	23.6





#26

Benzo(a)pyrene

Concen: 0.368 ng/ul

RT: 23.769 min Scan# 4940

Delta R.T. -0.003 min

Lab File: BM040829.D

Acq: 12 Jul 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTD0.4172

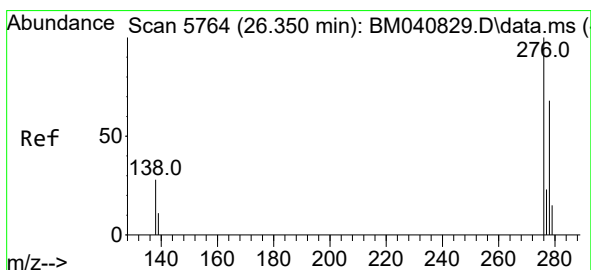
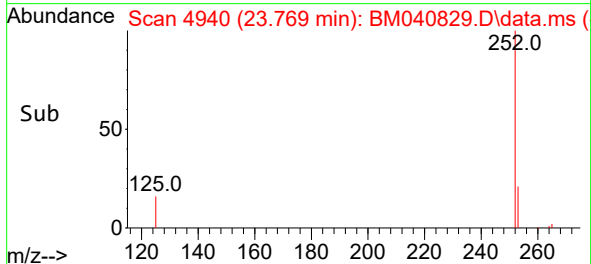
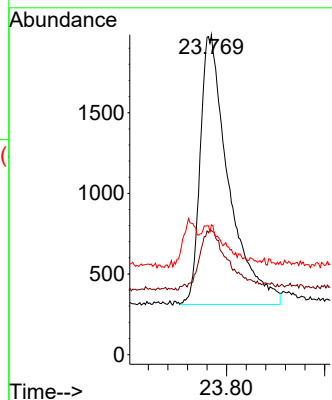
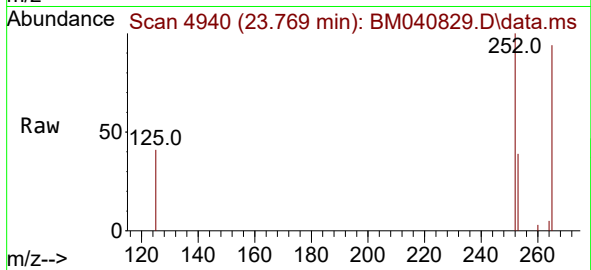
Tgt Ion:252 Resp: 6705

Ion Ratio Lower Upper

252 100

253 38.8 22.9 34.3#

125 40.6 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.309 ng/ul

RT: 26.350 min Scan# 5764

Delta R.T. -0.014 min

Lab File: BM040829.D

Acq: 12 Jul 2023 09:32

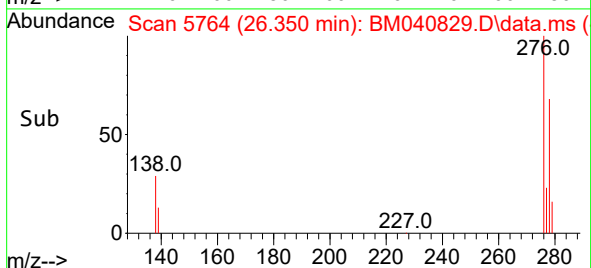
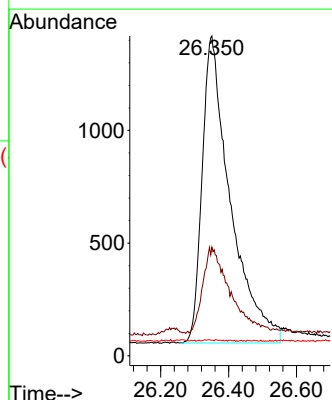
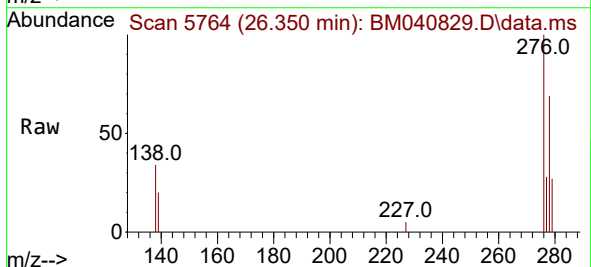
Tgt Ion:276 Resp: 7842

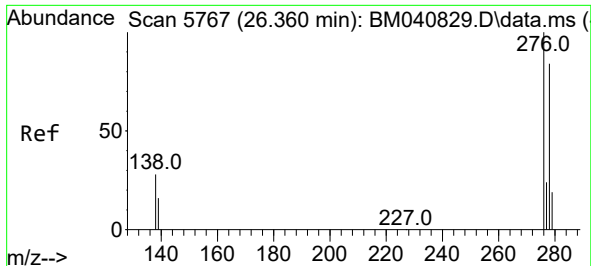
Ion Ratio Lower Upper

276 100

138 27.1 24.5 36.7

227 0.1 0.1 0.1#

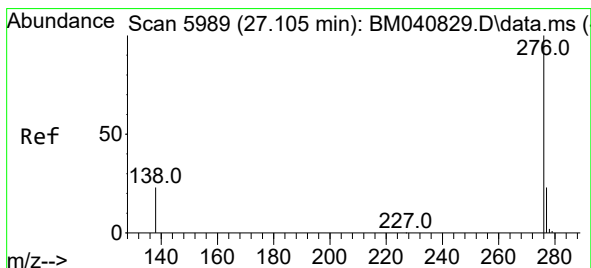
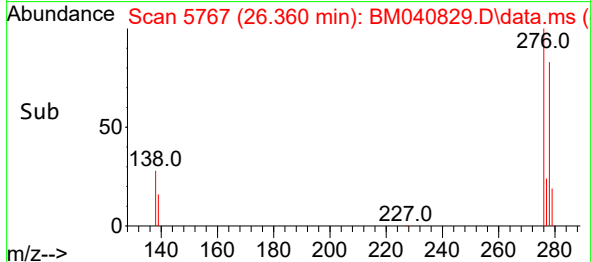
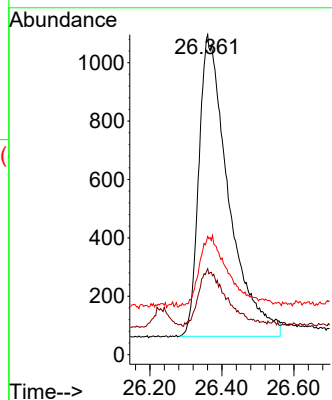
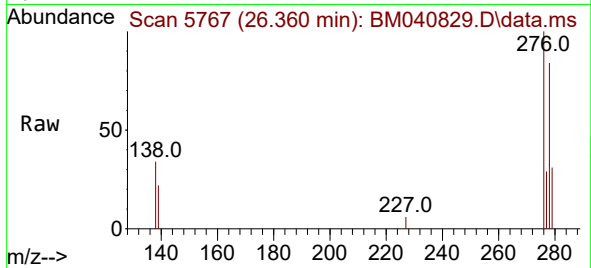




#28
Dibenzo(a,h)anthracene
Concen: 0.295 ng/ul
RT: 26.360 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM040829.D
Acq: 12 Jul 2023 09:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4172

Tgt Ion:278 Resp: 5872
Ion Ratio Lower Upper
278 100
139 26.8 17.9 26.9
279 37.0 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.330 ng/ul
RT: 27.105 min Scan# 5989
Delta R.T. -0.007 min
Lab File: BM040829.D
Acq: 12 Jul 2023 09:32

Tgt Ion:276 Resp: 7356
Ion Ratio Lower Upper
276 100
138 30.3 23.0 34.6
277 28.1 20.3 30.5

