

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022123\
 Data File : BN024079.D
 Acq On : 21 Feb 2023 13:06
 Operator : CG/JU
 Sample : PB150956BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

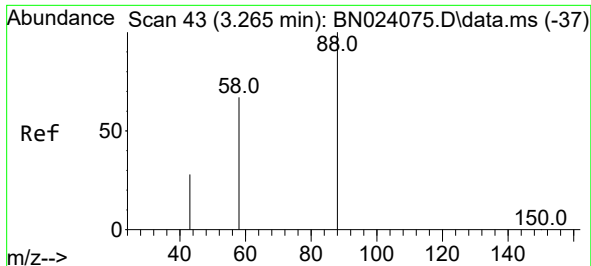
Instrument :
 BNA_N
 ClientSampleId :
 SBLK956

Quant Time: Feb 22 01:30:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN013023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 14:45:13 2023
 Response via : Initial Calibration

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

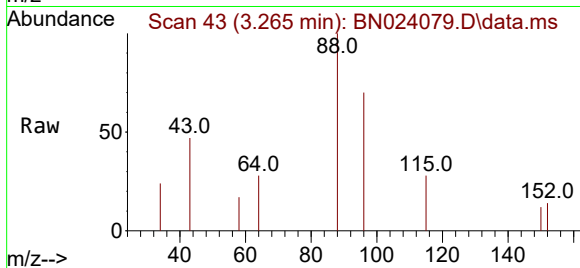
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	4835	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	12272	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.479	164	6251	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	10862	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.432	240	8910	0.400	ng/ul	# 0.00
23) Perylene-d12	23.826	264	7198	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	2686	0.518	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	4480	0.233	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	8026	0.335	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.265	88	96	0.017	ng/ul#	68
5) Naphthalene	10.683	128	57	0.002	ng/ul#	1
7) 2-Methylnaphthalene	12.306	142	44	0.002	ng/ul#	77
8) 1-Methylnaphthalene	12.526	142	38	0.002	ng/ul	94
10) Acenaphthylene	14.206	152	32	0.001	ng/ul#	1
11) Acenaphthene	14.544	153	133	0.006	ng/ul#	88
12) Fluorene	15.538	166	27	0.001	ng/ul#	68
14) Pentachlorophenol	16.896	266	28	0.008	ng/ul#	85
15) Phenanthrene	17.276	178	135	0.004	ng/ul#	8
16) Anthracene	17.373	178	97	0.004	ng/ul#	1
19) Fluoranthene	19.295	202	311	0.010	ng/ul#	30
20) Pyrene	19.662	202	488	0.016	ng/ul#	57
21) Benzo(a)anthracene	21.420	228	389	0.013	ng/ul#	74
22) Chrysene	21.470	228	475	0.015	ng/ul#	81
24) Benzo(b)fluoranthene	23.098	252	480	0.015	ng/ul#	1
25) Benzo(k)fluoranthene	23.148	252	351	0.011	ng/ul#	1
26) Benzo(a)pyrene	23.712	252	289	0.011	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.302	276	460	0.012	ng/ul#	55
28) Dibenzo(a,h)anthracene	26.329	278	370	0.012	ng/ul#	1
29) Benzo(g,h,i)perylene	27.053	276	442	0.014	ng/ul#	23

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

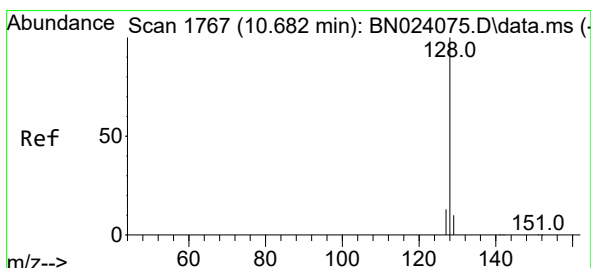
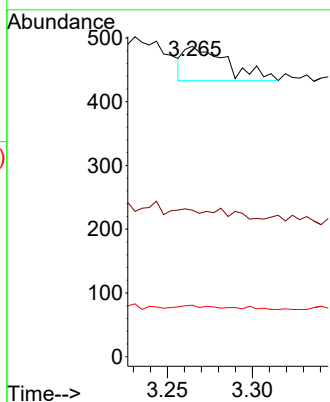
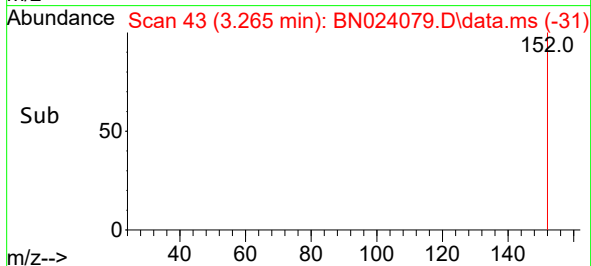


#2
1,4-Dioxane
Concen: 0.017 ng/ul
RT: 3.265 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN024079.D
Acq: 21 Feb 2023 13:06

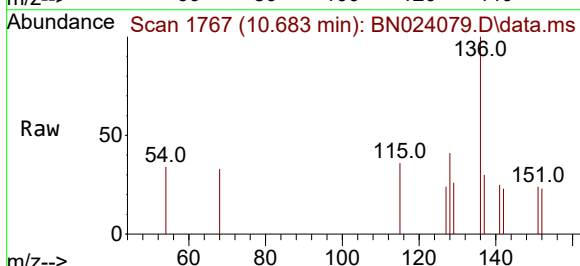
Instrument :
BNA_N
ClientSampleId :
SBLK956



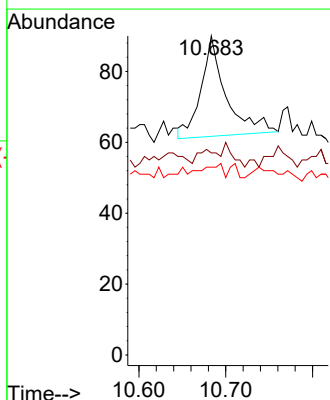
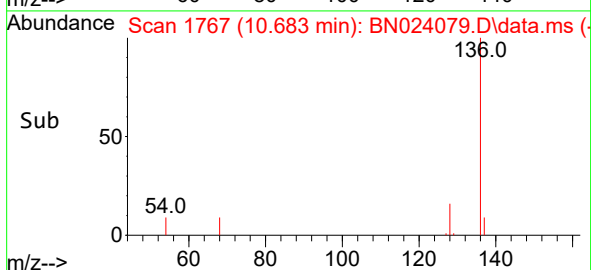
Tgt Ion: 88 Resp: 96
Ion Ratio Lower Upper
88 100
43 47.2 41.9 62.9
58 16.6 45.6 68.4#

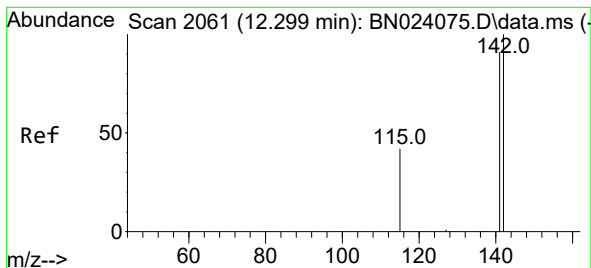


#5
Naphthalene
Concen: 0.002 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BN024079.D
Acq: 21 Feb 2023 13:06



Tgt Ion: 128 Resp: 57
Ion Ratio Lower Upper
128 100
129 63.3 9.7 14.5#
127 58.9 11.1 16.7#

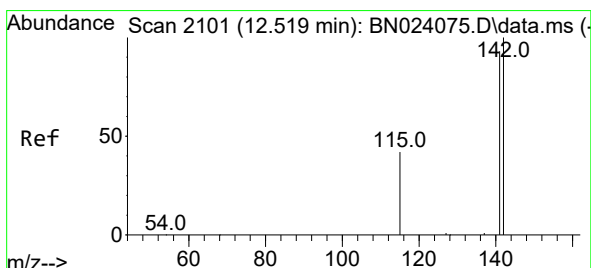
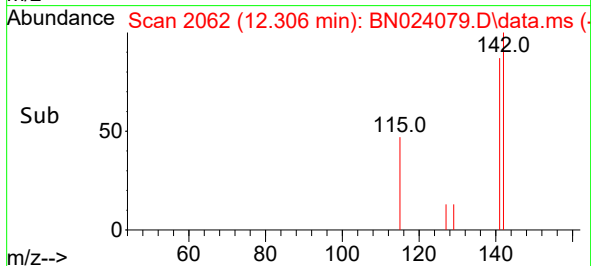
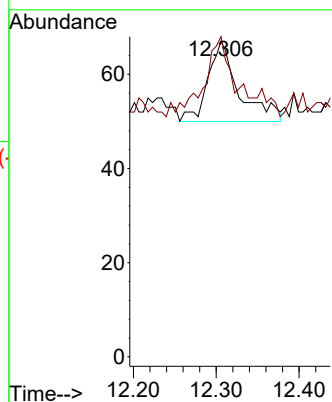
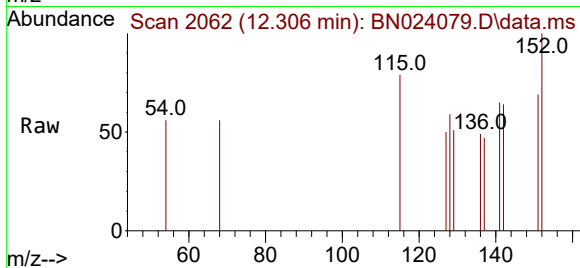




#7
2-Methylnaphthalene
Concen: 0.002 ng/ul
RT: 12.306 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN024079.D
Acq: 21 Feb 2023 13:06

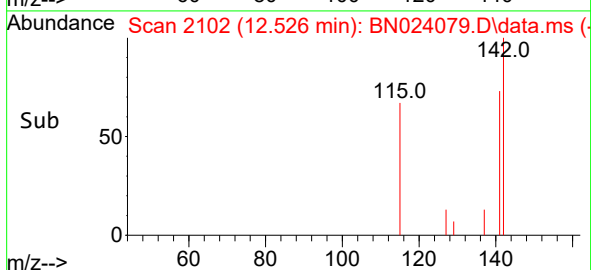
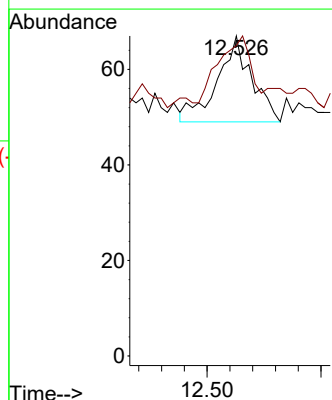
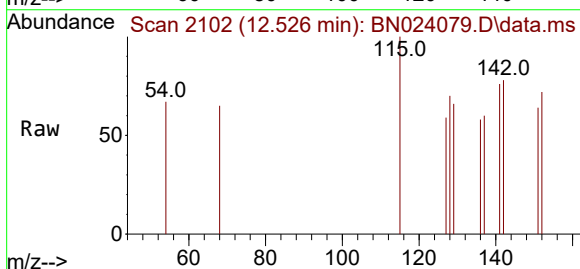
Instrument :
BNA_N
ClientSampleId :
SBLK956

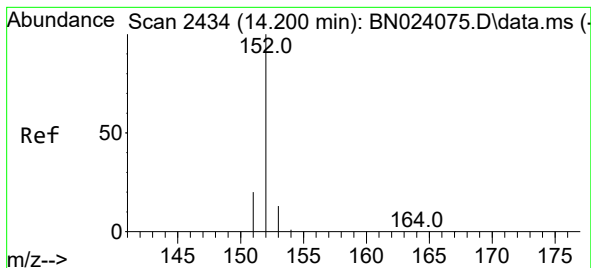
Tgt Ion:142 Resp: 44
Ion Ratio Lower Upper
142 100
141 111.4 71.6 107.4#



#8
1-Methylnaphthalene
Concen: 0.002 ng/ul
RT: 12.526 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN024079.D
Acq: 21 Feb 2023 13:06

Tgt Ion:142 Resp: 38
Ion Ratio Lower Upper
142 100
141 86.8 74.1 111.1





#10

Acenaphthylene

Concen: 0.001 ng/ul

RT: 14.206 min Scan# 2435

Delta R.T. -0.005 min

Lab File: BN024079.D

Acq: 21 Feb 2023 13:06

Instrument :

BNA_N

ClientSampleId :

SBLK956

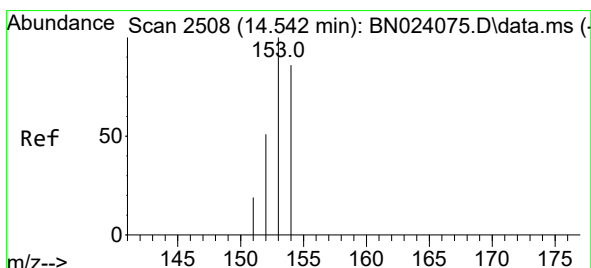
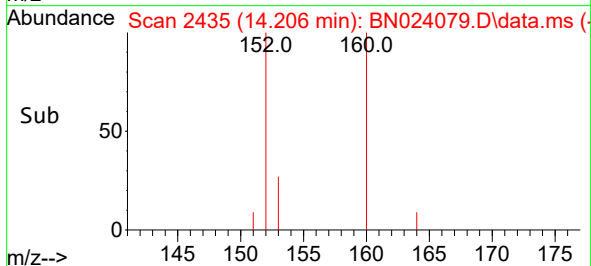
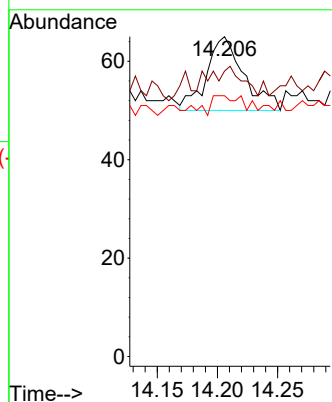
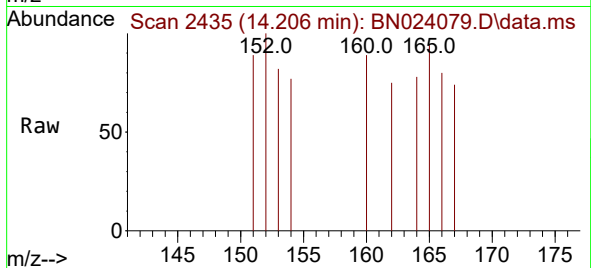
Tgt Ion:152 Resp: 32

Ion Ratio Lower Upper

152 100

151 89.2 17.0 25.4#

153 81.5 11.1 16.7#



#11

Acenaphthene

Concen: 0.006 ng/ul

RT: 14.544 min Scan# 2508

Delta R.T. -0.005 min

Lab File: BN024079.D

Acq: 21 Feb 2023 13:06

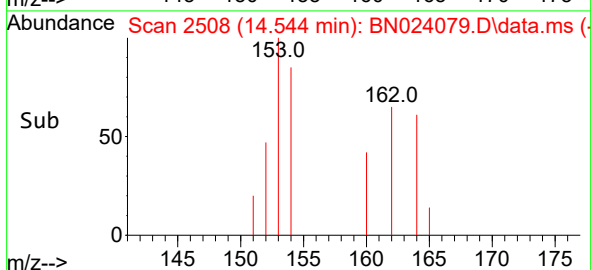
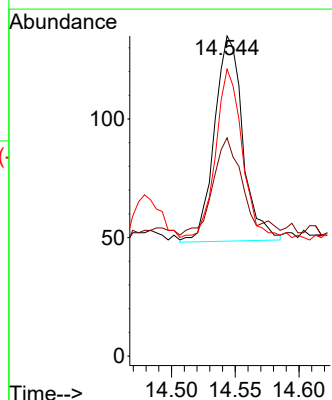
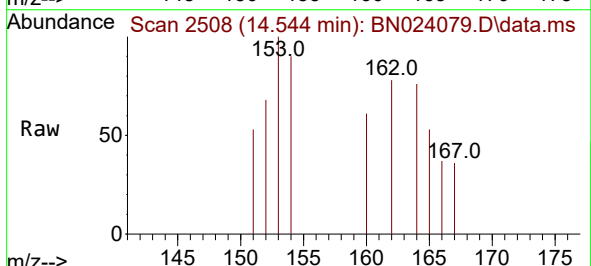
Tgt Ion:153 Resp: 133

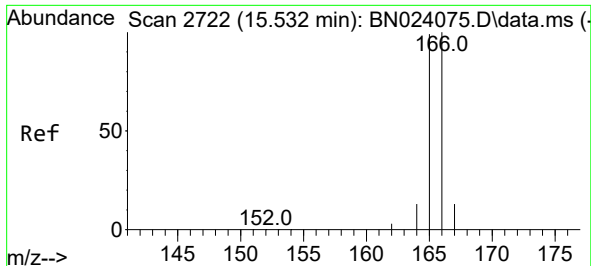
Ion Ratio Lower Upper

153 100

152 68.1 39.6 59.4#

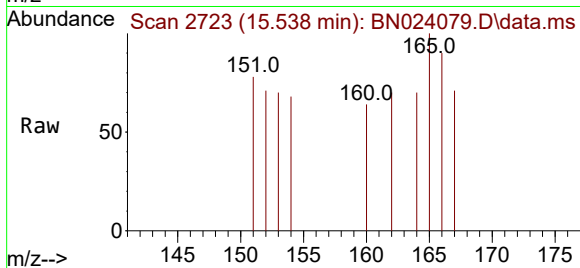
154 89.6 68.8 103.2



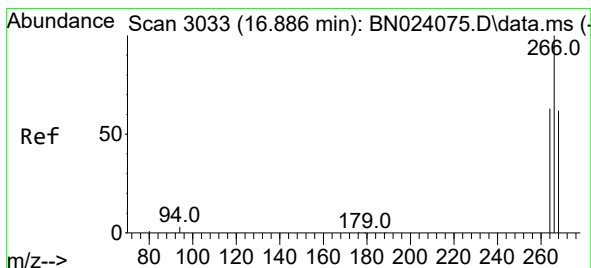
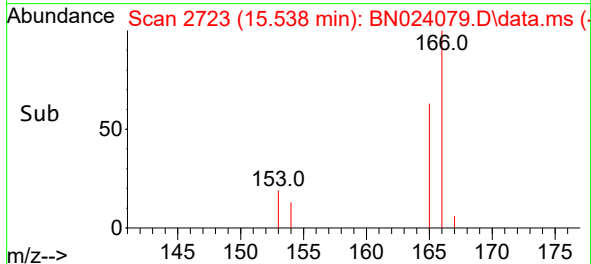
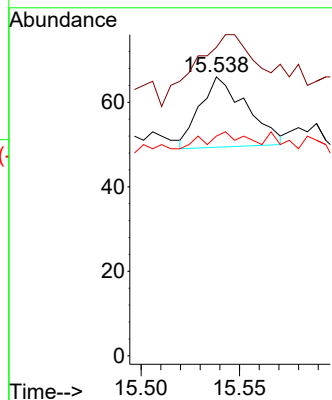


#12
Fluorene
Concen: 0.001 ng/ul
RT: 15.538 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024079.D
Acq: 21 Feb 2023 13:06

Instrument :
BNA_N
ClientSampleId :
SBLK956

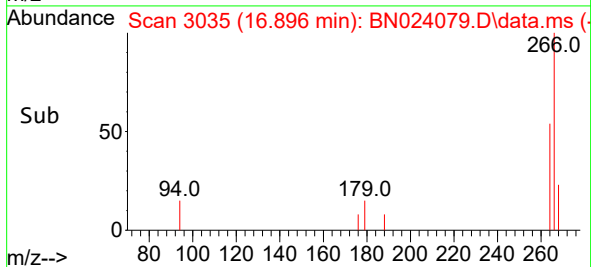
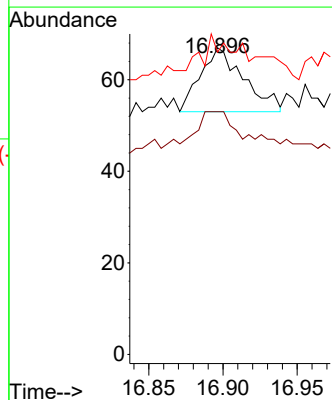
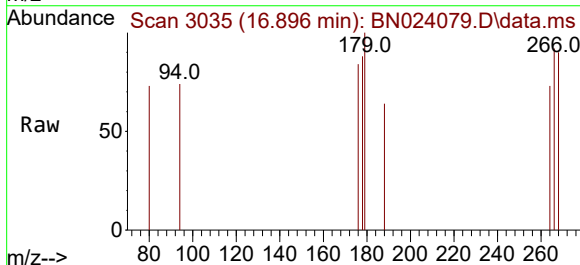


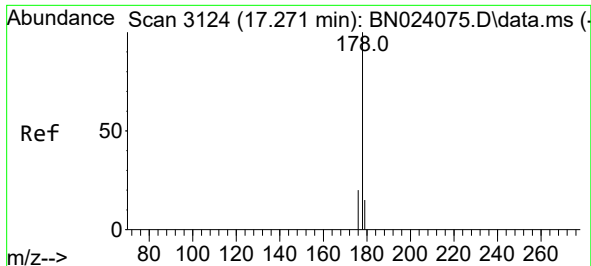
Tgt Ion:166 Resp: 27
Ion Ratio Lower Upper
166 100
165 110.6 77.4 116.2
167 78.8 11.4 17.0#



#14
Pentachlorophenol
Concen: 0.008 ng/ul
RT: 16.896 min Scan# 3035
Delta R.T. 0.004 min
Lab File: BN024079.D
Acq: 21 Feb 2023 13:06

Tgt Ion:266 Resp: 28
Ion Ratio Lower Upper
266 100
264 67.9 49.4 74.0
268 82.1 52.0 78.0#

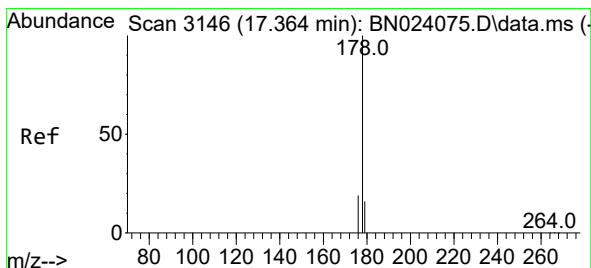
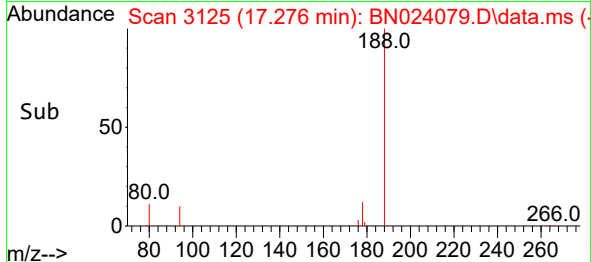
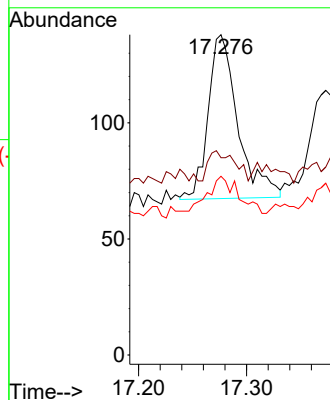
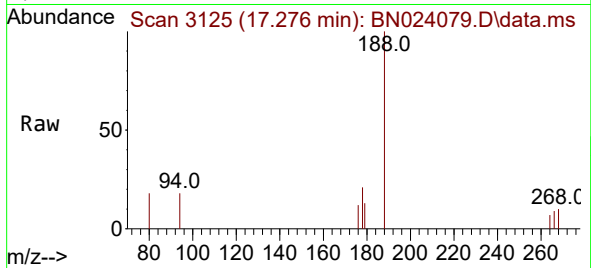




#15
Phenanthrene
Concen: 0.004 ng/ul
RT: 17.276 min Scan# 3124
Delta R.T. -0.004 min
Lab File: BN024079.D
Acq: 21 Feb 2023 13:06

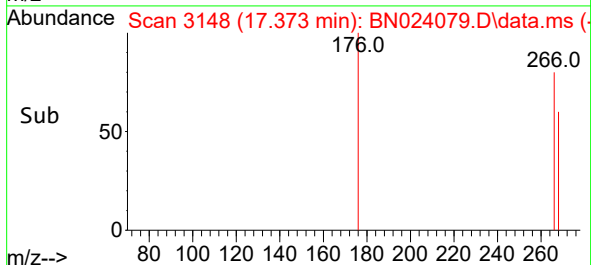
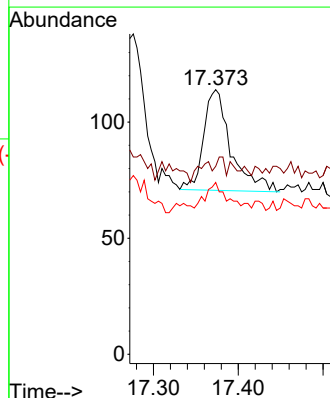
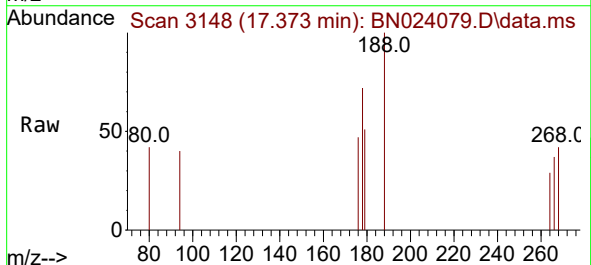
Instrument :
BNA_N
ClientSampleId :
SBLK956

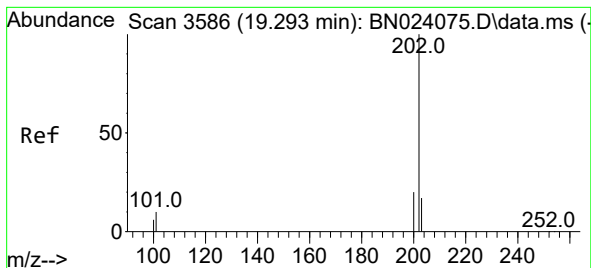
Tgt Ion:178 Resp: 135
Ion Ratio Lower Upper
178 100
179 61.6 12.6 19.0#
176 55.8 15.7 23.5#



#16
Anthracene
Concen: 0.004 ng/ul
RT: 17.373 min Scan# 3148
Delta R.T. 0.004 min
Lab File: BN024079.D
Acq: 21 Feb 2023 13:06

Tgt Ion:178 Resp: 97
Ion Ratio Lower Upper
178 100
179 71.1 13.4 20.0#
176 64.9 15.4 23.2#





#19

Fluoranthene

Concen: 0.010 ng/ul

RT: 19.295 min Scan# 311

Delta R.T. -0.005 min

Lab File: BN024079.D

Acq: 21 Feb 2023 13:06

Instrument :

BNA_N

ClientSampleId :

SBLK956

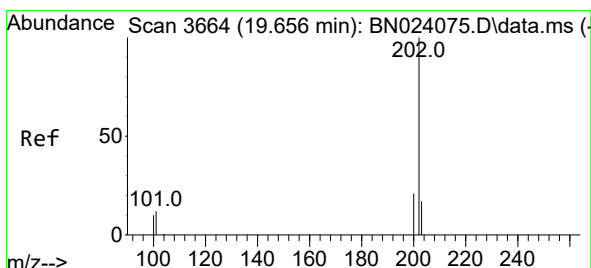
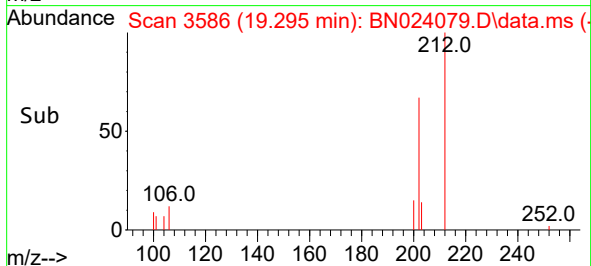
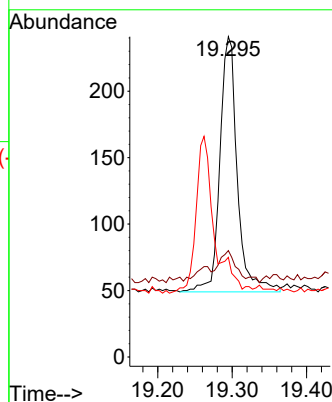
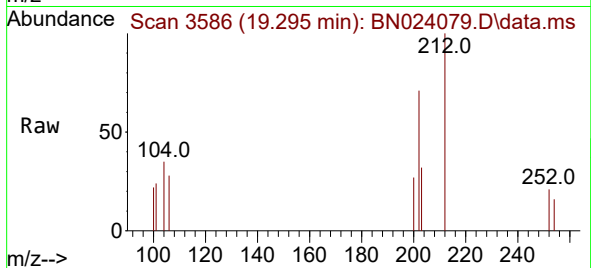
Tgt Ion:202 Resp: 311

Ion Ratio Lower Upper

202 100

101 33.2 6.8 10.2#

100 31.1 5.2 7.8#



#20

Pyrene

Concen: 0.016 ng/ul

RT: 19.662 min Scan# 3665

Delta R.T. 0.000 min

Lab File: BN024079.D

Acq: 21 Feb 2023 13:06

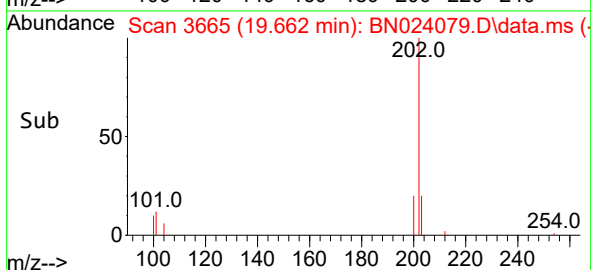
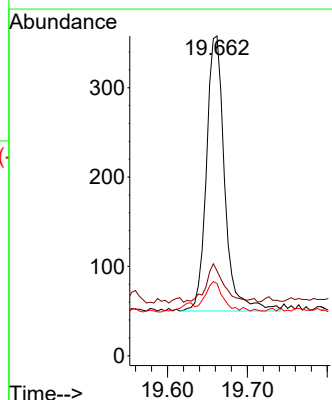
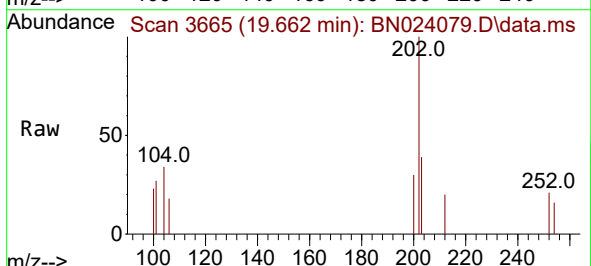
Tgt Ion:202 Resp: 488

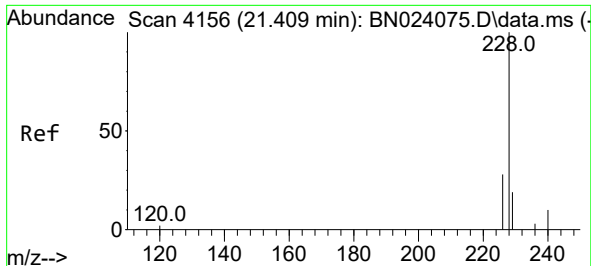
Ion Ratio Lower Upper

202 100

101 26.5 8.1 12.1#

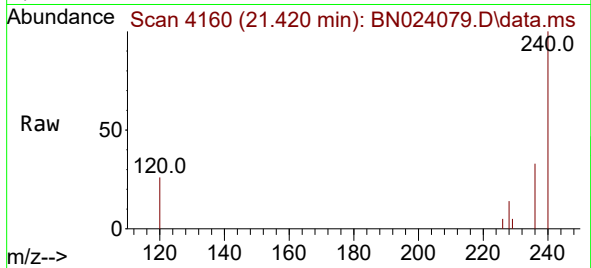
100 22.6 6.2 9.4#



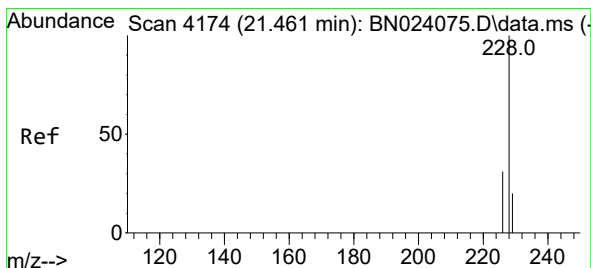
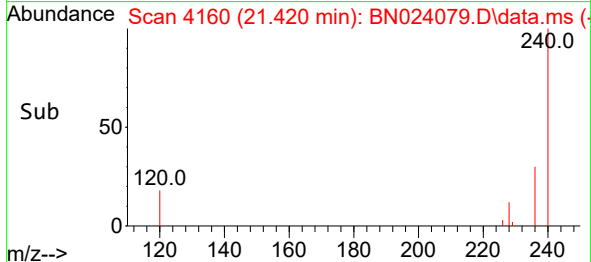
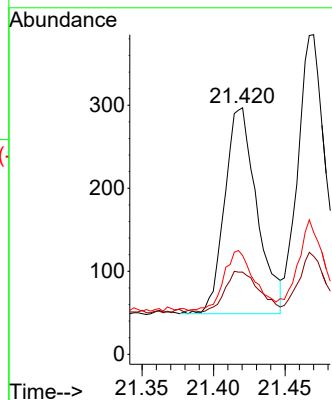


#21
Benzo(a)anthracene
Concen: 0.013 ng/ul
RT: 21.420 min Scan# 4156
Delta R.T. 0.009 min
Lab File: BN024079.D
Acq: 21 Feb 2023 13:06

Instrument :
BNA_N
ClientSampleId :
SBLK956

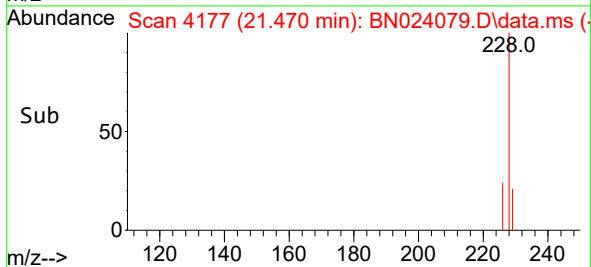
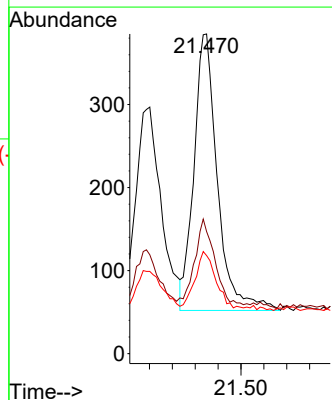
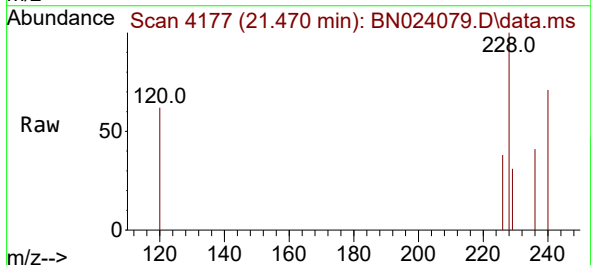


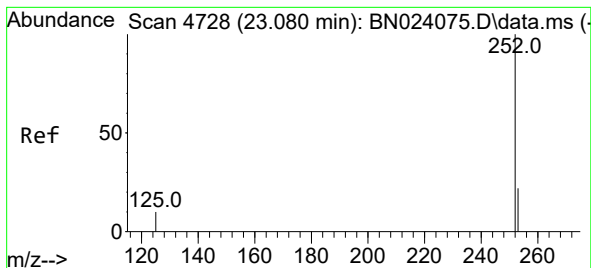
Tgt Ion:228 Resp: 389
Ion Ratio Lower Upper
228 100
229 33.3 15.8 23.8#
226 40.1 22.0 33.0#



#22
Chrysene
Concen: 0.015 ng/ul
RT: 21.470 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BN024079.D
Acq: 21 Feb 2023 13:06

Tgt Ion:228 Resp: 475
Ion Ratio Lower Upper
228 100
226 38.2 24.2 36.2#
229 30.6 15.5 23.3#





#24

Benzo(b)fluoranthene

Concen: 0.015 ng/ul

RT: 23.098 min Scan# 4734

Delta R.T. 0.006 min

Lab File: BN024079.D

Acq: 21 Feb 2023 13:06

Instrument :

BNA_N

ClientSampleId :

SBLK956

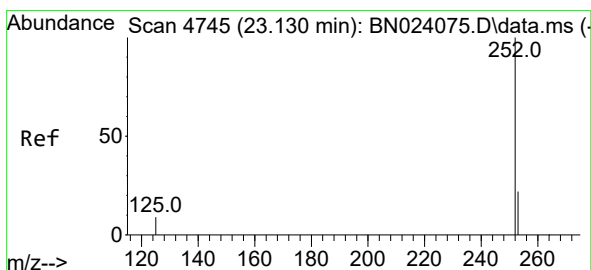
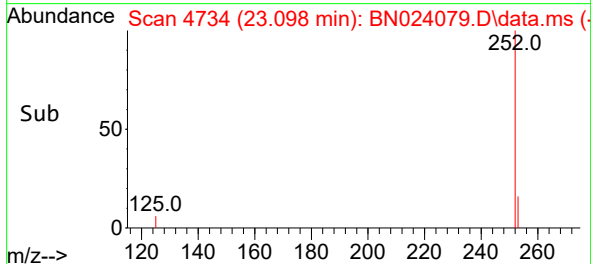
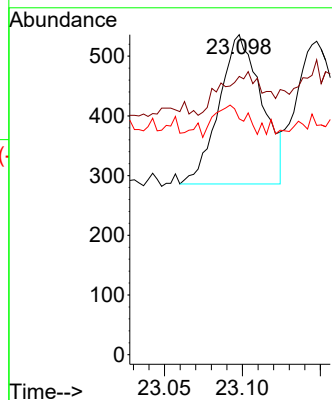
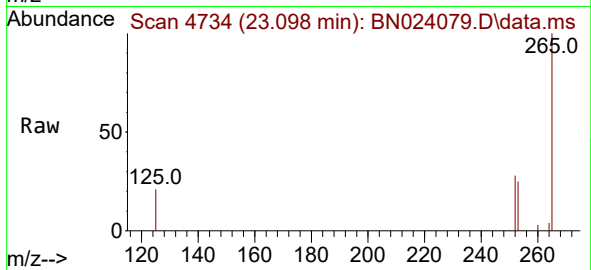
Tgt Ion:252 Resp: 480

Ion Ratio Lower Upper

252 100

253 86.9 0.0 51.8#

125 73.7 0.0 23.6#



#25

Benzo(k)fluoranthene

Concen: 0.011 ng/ul

RT: 23.148 min Scan# 4751

Delta R.T. 0.009 min

Lab File: BN024079.D

Acq: 21 Feb 2023 13:06

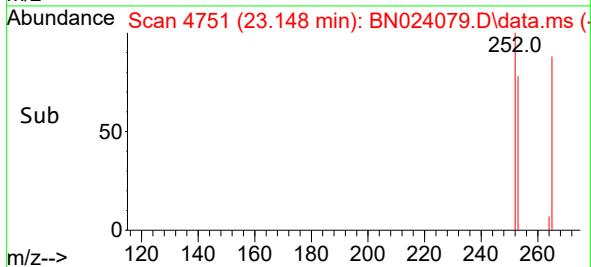
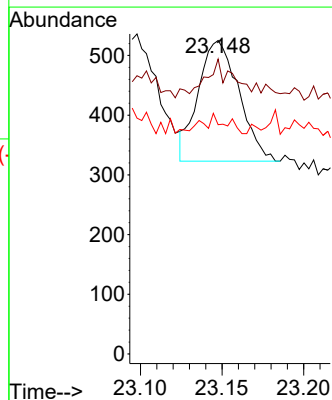
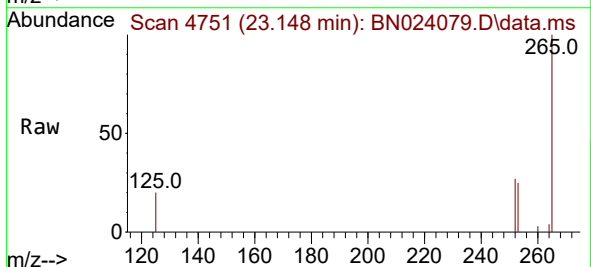
Tgt Ion:252 Resp: 351

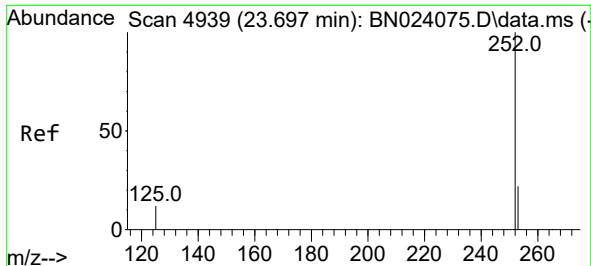
Ion Ratio Lower Upper

252 100

253 94.1 20.2 30.2#

125 73.1 9.0 13.4#

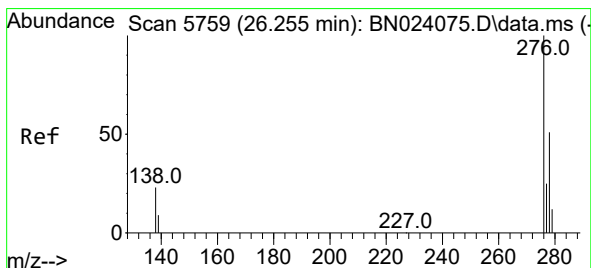
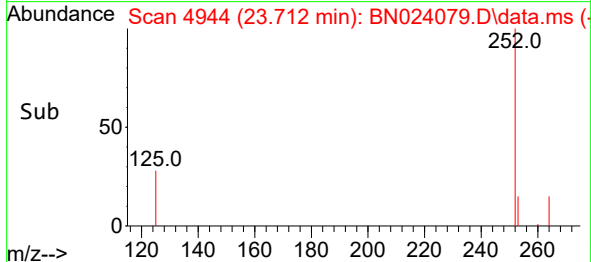
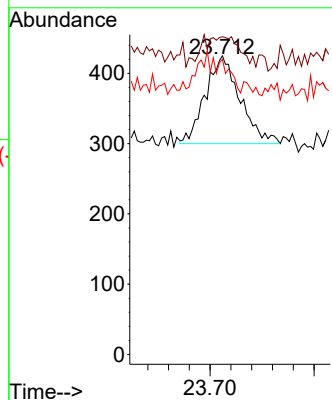
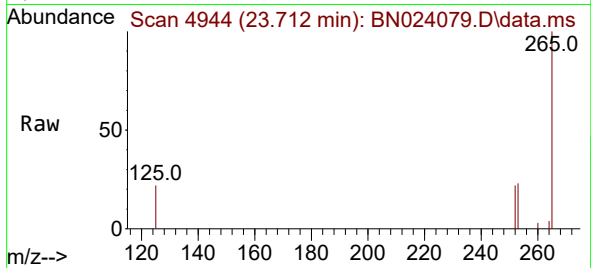




#26
Benzo(a)pyrene
Concen: 0.011 ng/ul
RT: 23.712 min Scan# 4939
Delta R.T. 0.006 min
Lab File: BN024079.D
Acq: 21 Feb 2023 13:06

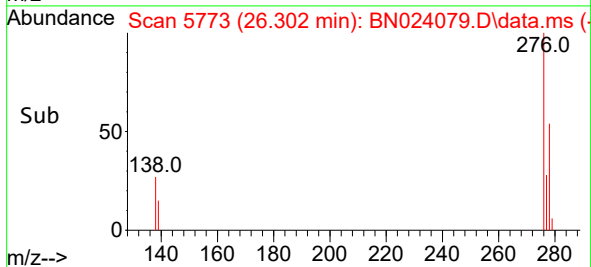
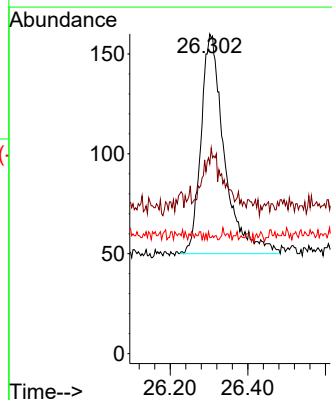
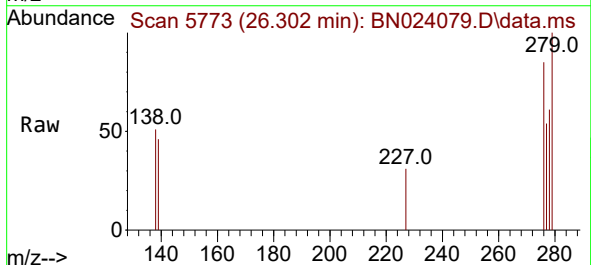
Instrument :
BNA_N
ClientSampleId :
SBLK956

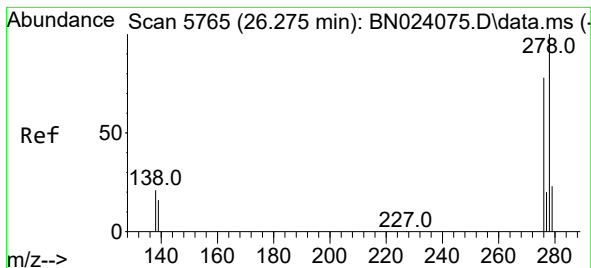
Tgt Ion:252 Resp: 289
Ion Ratio Lower Upper
252 100
253 106.4 21.5 32.3#
125 98.8 11.2 16.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.012 ng/ul
RT: 26.302 min Scan# 5773
Delta R.T. 0.010 min
Lab File: BN024079.D
Acq: 21 Feb 2023 13:06

Tgt Ion:276 Resp: 460
Ion Ratio Lower Upper
276 100
138 0.0 17.0 25.6#
227 0.4 0.2 0.4#





#28

Dibenzo(a,h)anthracene

Concen: 0.012 ng/ul

RT: 26.329 min Scan# 51

Delta R.T. 0.020 min

Lab File: BN024079.D

Acq: 21 Feb 2023 13:06

Instrument :

BNA_N

ClientSampleId :

SBLK956

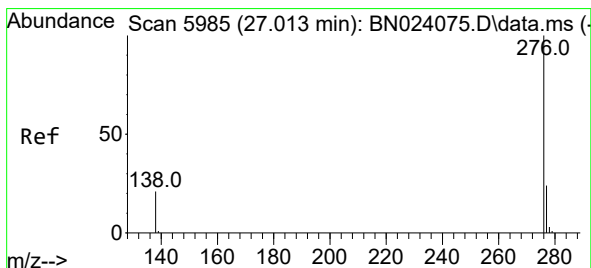
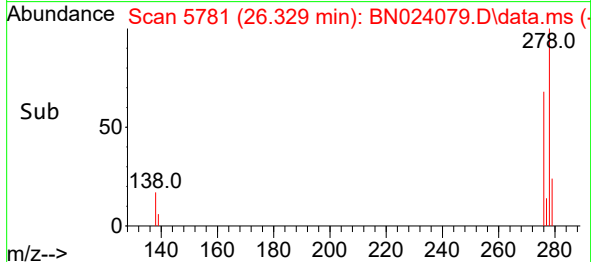
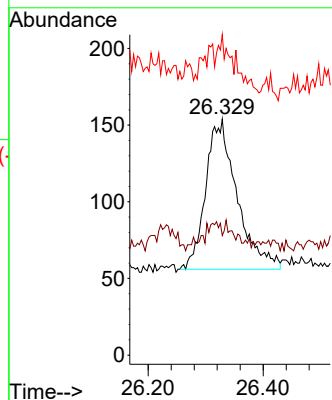
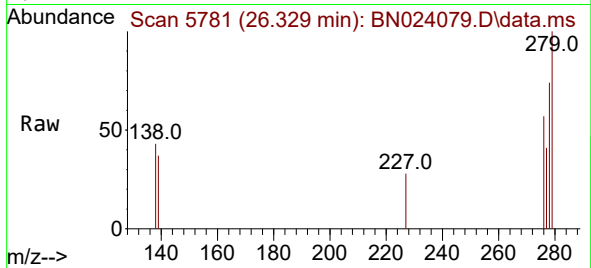
Tgt Ion:278 Resp: 370

Ion Ratio Lower Upper

278 100

139 50.6 12.3 18.5#

279 135.7 21.4 32.0#



#29

Benzo(g,h,i)perylene

Concen: 0.014 ng/ul

RT: 27.053 min Scan# 5997

Delta R.T. 0.007 min

Lab File: BN024079.D

Acq: 21 Feb 2023 13:06

Tgt Ion:276 Resp: 442

Ion Ratio Lower Upper

276 100

138 60.8 15.3 22.9#

277 57.2 19.9 29.9#

