

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022123\
 Data File : BN024076.D
 Acq On : 21 Feb 2023 10:38
 Operator : CG/JU
 Sample : PB150957BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK957

Quant Time: Feb 22 01:29:49 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

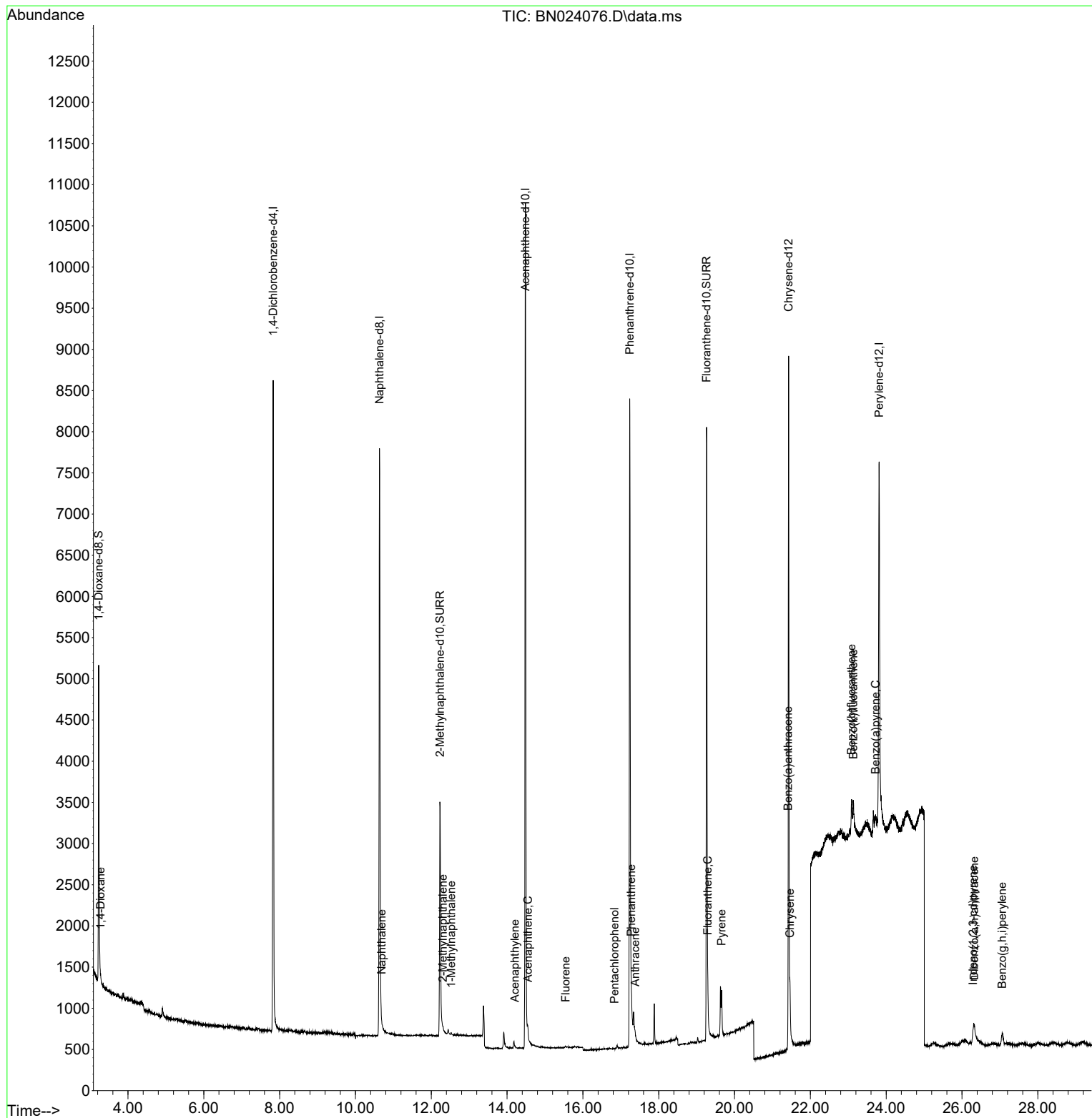
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	4145	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	10760	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.483	164	5956	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	11494	0.400	ng/ul #	0.00
17) Chrysene-d12	21.425	240	8132	0.400	ng/ul #	0.00
23) Perylene-d12	23.813	264	6046	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.226	96	2492	0.561	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	4381	0.260	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	9175	0.420	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.277	88	32	0.007	ng/ul#	65
5) Naphthalene	10.689	128	50	0.002	ng/ul#	1
7) 2-Methylnaphthalene	12.305	142	24	0.001	ng/ul#	67
8) 1-Methylnaphthalene	12.525	142	31	0.002	ng/ul#	74
10) Acenaphthylene	14.206	152	17	0.001	ng/ul#	1
11) Acenaphthene	14.548	153	74	0.004	ng/ul#	86
12) Fluorene	15.543	166	25	0.001	ng/ul#	59
14) Pentachlorophenol	16.833	266	3	0.001	ng/ul	96
15) Phenanthrene	17.276	178	121	0.004	ng/ul#	1
16) Anthracene	17.377	178	89	0.003	ng/ul#	1
19) Fluoranthene	19.294	202	305	0.011	ng/ul#	39
20) Pyrene	19.657	202	498	0.018	ng/ul#	58
21) Benzo(a)anthracene	21.413	228	368	0.013	ng/ul#	73
22) Chrysene	21.463	228	439	0.015	ng/ul#	80
24) Benzo(b)fluoranthene	23.085	252	474	0.018	ng/ul#	1
25) Benzo(k)fluoranthene	23.131	252	382	0.015	ng/ul#	1
26) Benzo(a)pyrene	23.719	252	271	0.012	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.290	276	422	0.014	ng/ul#	55
28) Dibenzo(a,h)anthracene	26.320	278	362	0.014	ng/ul#	1
29) Benzo(g,h,i)perylene	27.058	276	387	0.015	ng/ul#	14

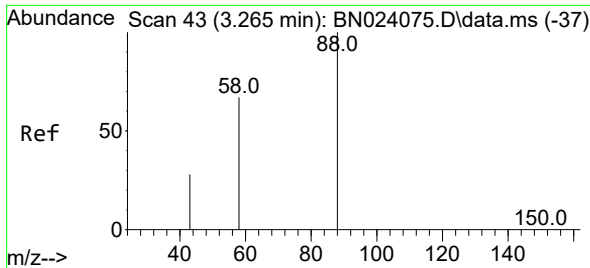
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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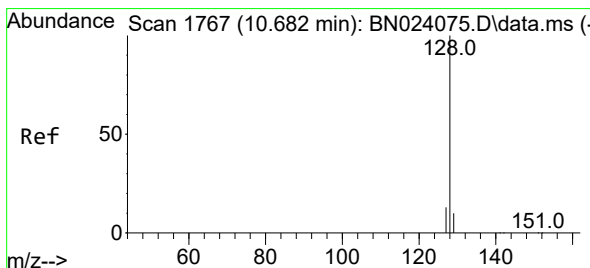
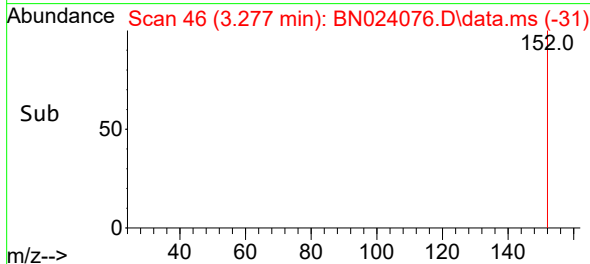
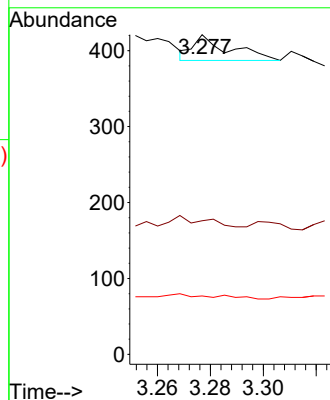
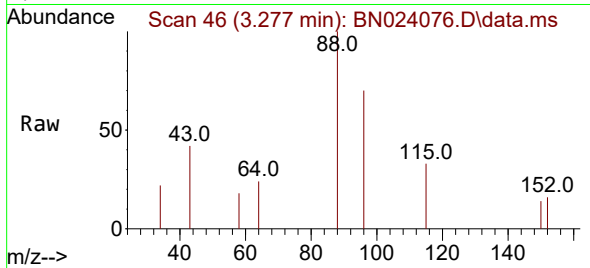




#2
1,4-Dioxane
Concen: 0.007 ng/ul
RT: 3.277 min Scan# 41
Delta R.T. 0.012 min
Lab File: BN024076.D
Acq: 21 Feb 2023 10:38

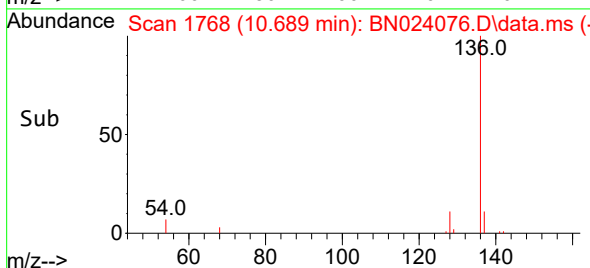
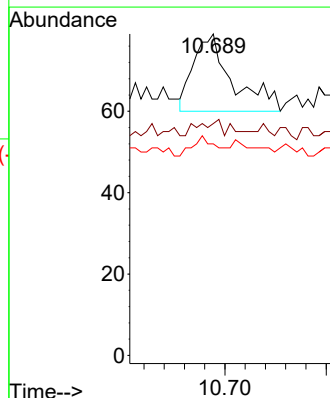
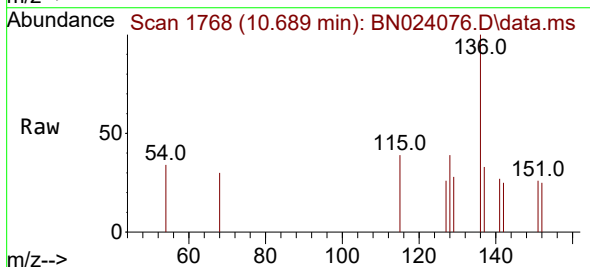
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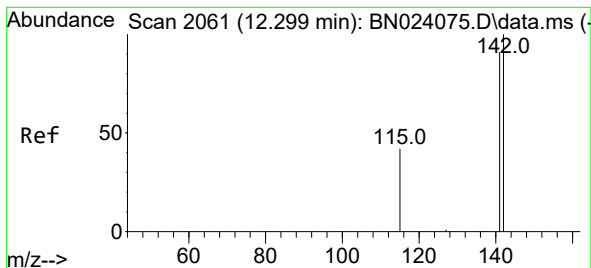
Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 41.8 41.9 62.9#
58 18.3 45.6 68.4#



#5
Naphthalene
Concen: 0.002 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BN024076.D
Acq: 21 Feb 2023 10:38

Tgt Ion: 128 Resp: 50
Ion Ratio Lower Upper
128 100
129 72.2 9.7 14.5#
127 65.8 11.1 16.7#

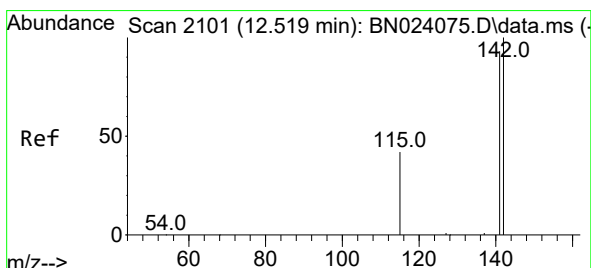
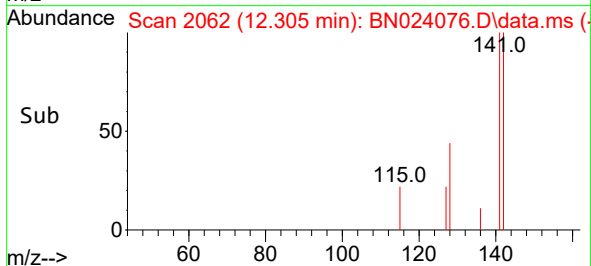
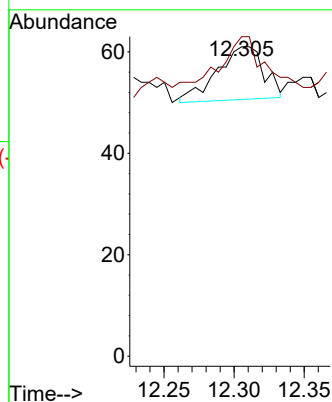
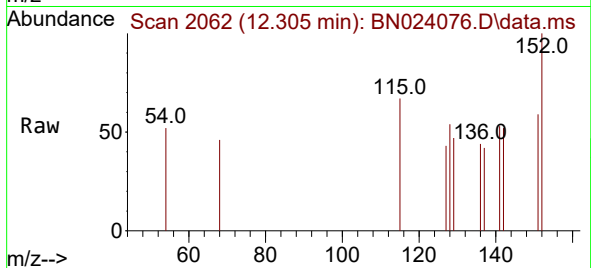




#7
2-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BN024076.D
Acq: 21 Feb 2023 10:38

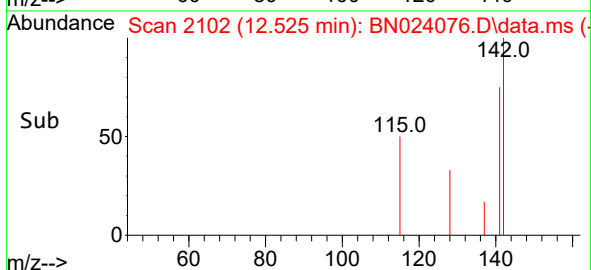
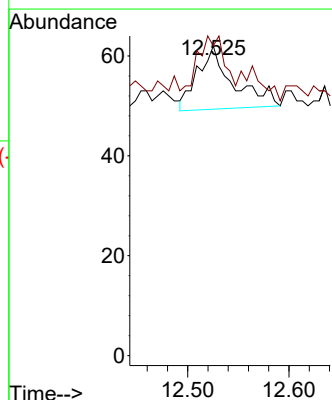
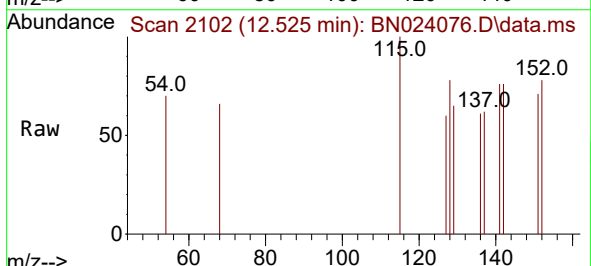
Instrument :
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ClientSampleId :
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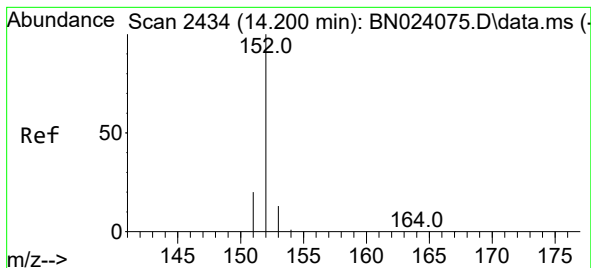
Tgt Ion:142 Resp: 24
Ion Ratio Lower Upper
142 100
141 120.8 71.6 107.4#



#8
1-Methylnaphthalene
Concen: 0.002 ng/ul
RT: 12.525 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BN024076.D
Acq: 21 Feb 2023 10:38

Tgt Ion:142 Resp: 31
Ion Ratio Lower Upper
142 100
141 67.7 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: BN024076.D

Acq: 21 Feb 2023 10:38

Instrument :

BNA_N

ClientSampleId :

SBLK957

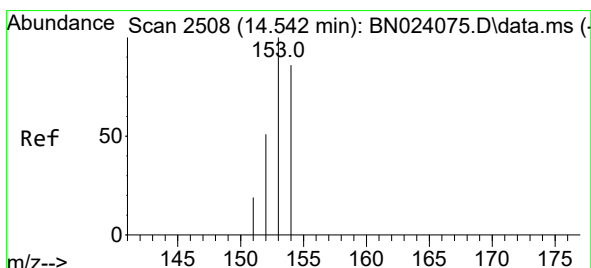
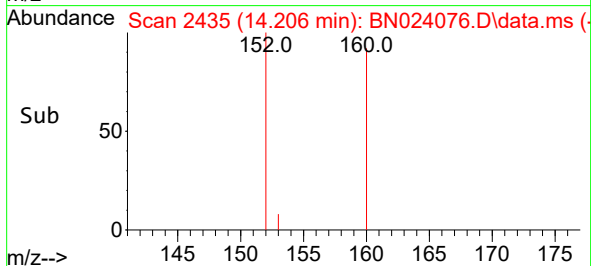
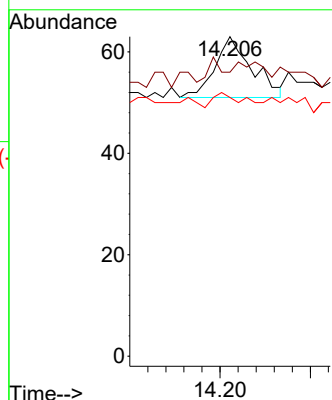
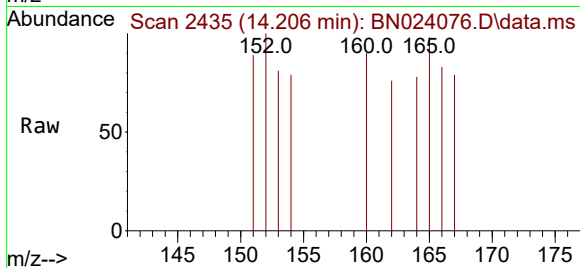
Tgt Ion:152 Resp: 17

Ion Ratio Lower Upper

152 100

151 88.9 17.0 25.4#

153 81.0 11.1 16.7#



#11

Acenaphthene

Concen: 0.004 ng/ul

RT: 14.548 min Scan# 2509

Delta R.T. -0.000 min

Lab File: BN024076.D

Acq: 21 Feb 2023 10:38

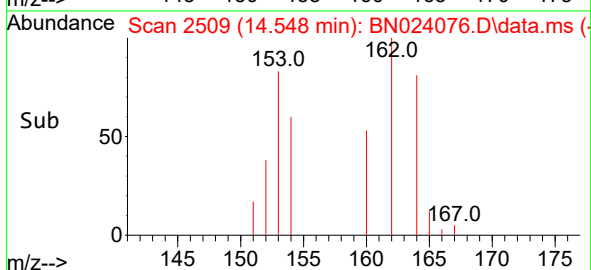
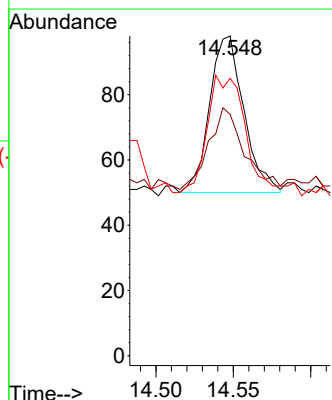
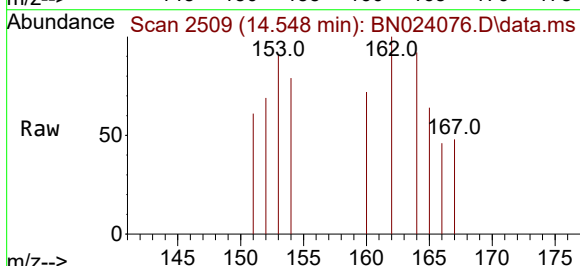
Tgt Ion:153 Resp: 74

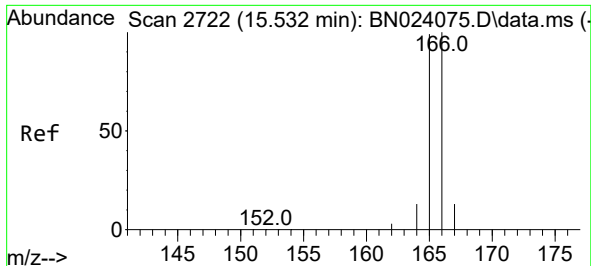
Ion Ratio Lower Upper

153 100

152 75.5 39.6 59.4#

154 86.7 68.8 103.2

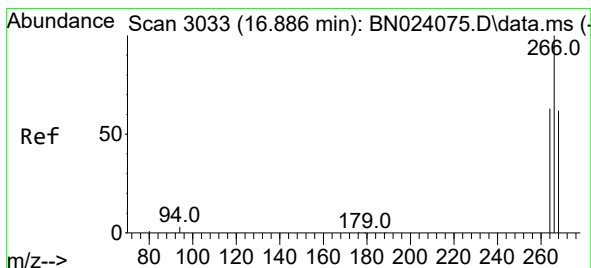
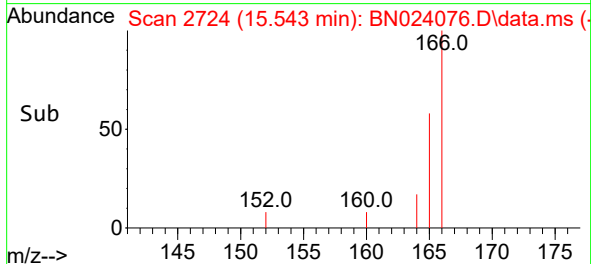
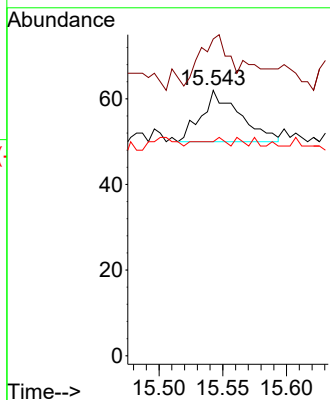
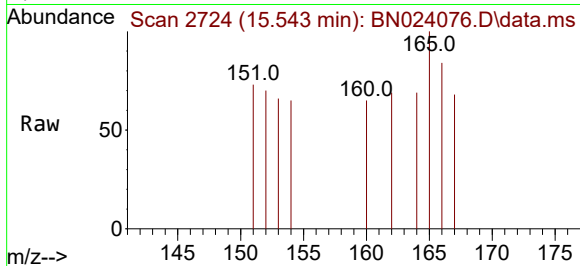




#12
Fluorene
Concen: 0.001 ng/ul
RT: 15.543 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN024076.D
Acq: 21 Feb 2023 10:38

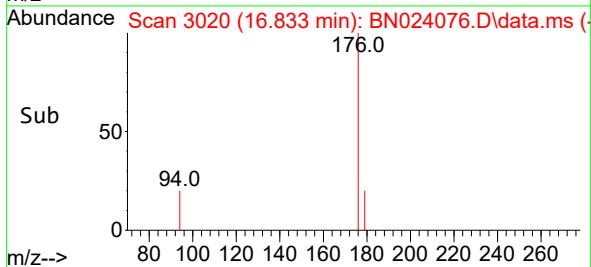
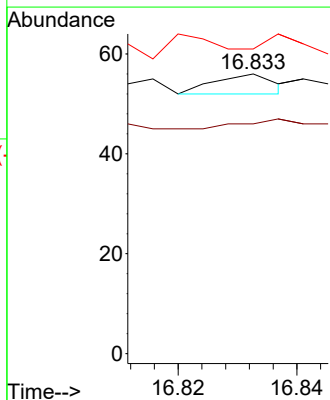
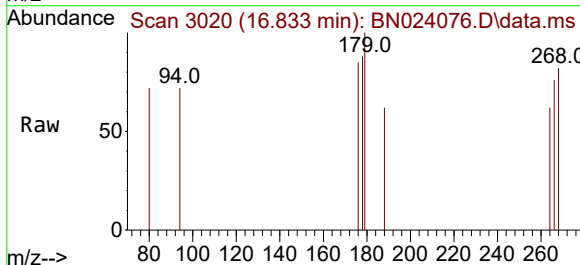
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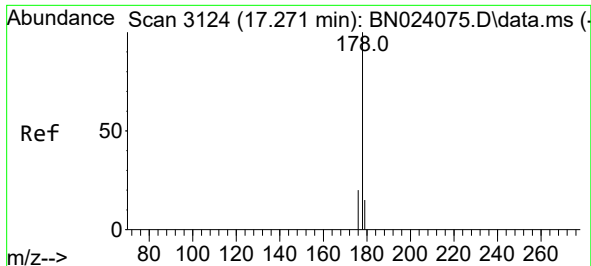
Tgt Ion:166 Resp: 25
Ion Ratio Lower Upper
166 100
165 119.4 77.4 116.2#
167 80.6 11.4 17.0#



#14
Pentachlorophenol
Concen: 0.001 ng/ul
RT: 16.833 min Scan# 3020
Delta R.T. -0.059 min
Lab File: BN024076.D
Acq: 21 Feb 2023 10:38

Tgt Ion:266 Resp: 3
Ion Ratio Lower Upper
266 100
264 66.7 49.4 74.0
268 66.7 52.0 78.0

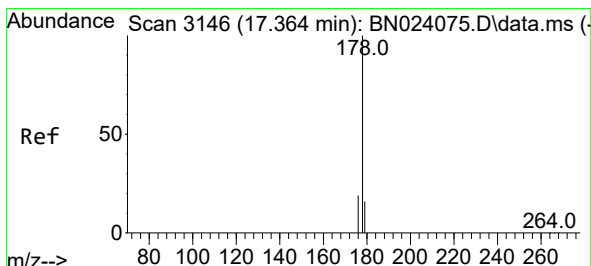
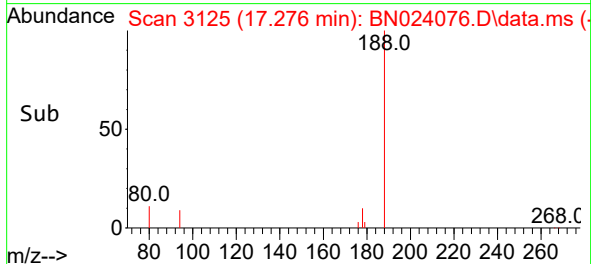
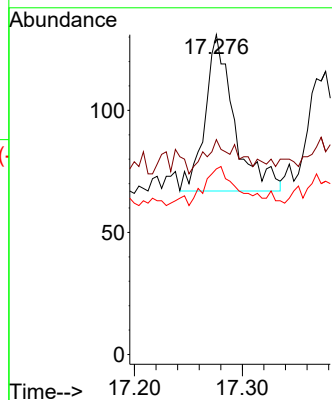
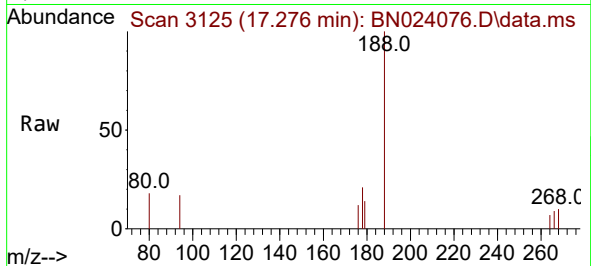




#15
Phenanthrene
Concen: 0.004 ng/ul
RT: 17.276 min Scan# 3124
Delta R.T. -0.004 min
Lab File: BN024076.D
Acq: 21 Feb 2023 10:38

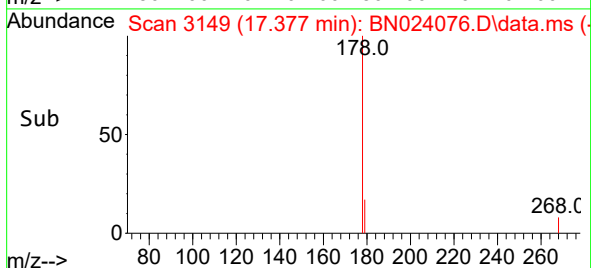
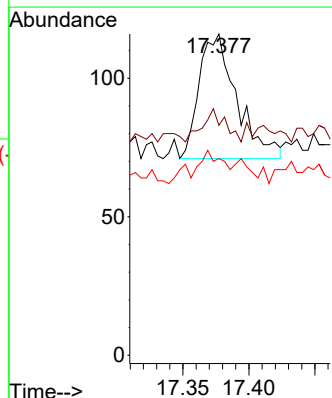
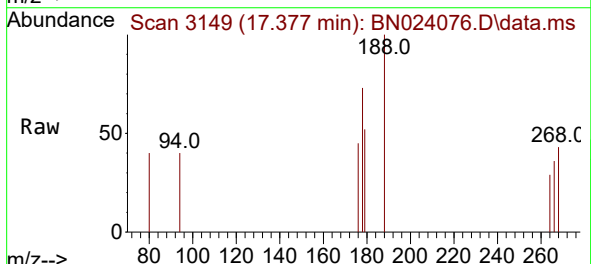
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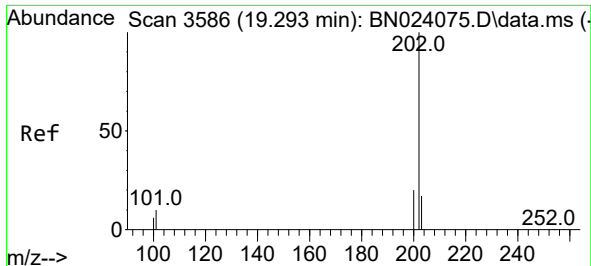
Tgt Ion:178 Resp: 121
Ion Ratio Lower Upper
178 100
179 67.2 12.6 19.0#
176 58.0 15.7 23.5#



#16
Anthracene
Concen: 0.003 ng/ul
RT: 17.377 min Scan# 3149
Delta R.T. 0.008 min
Lab File: BN024076.D
Acq: 21 Feb 2023 10:38

Tgt Ion:178 Resp: 89
Ion Ratio Lower Upper
178 100
179 71.6 13.4 20.0#
176 61.2 15.4 23.2#

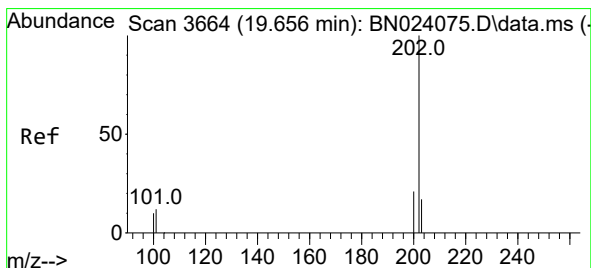
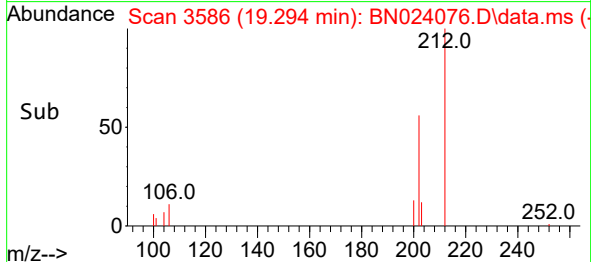
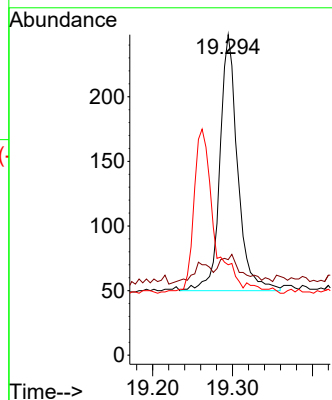
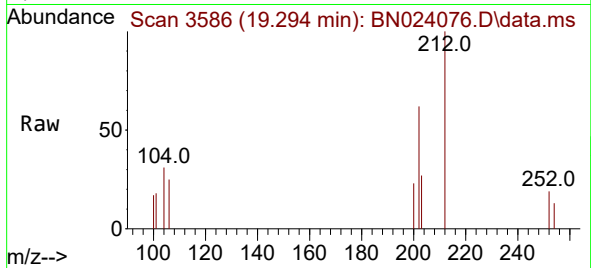




#19
Fluoranthene
Concen: 0.011 ng/ul
RT: 19.294 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN024076.D
Acq: 21 Feb 2023 10:38

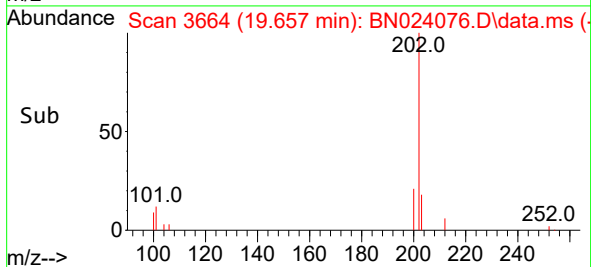
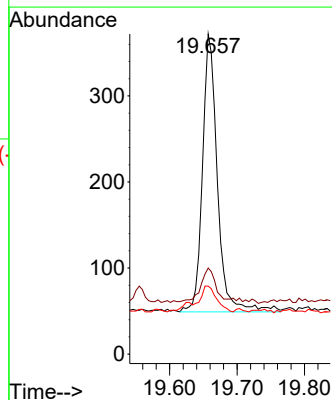
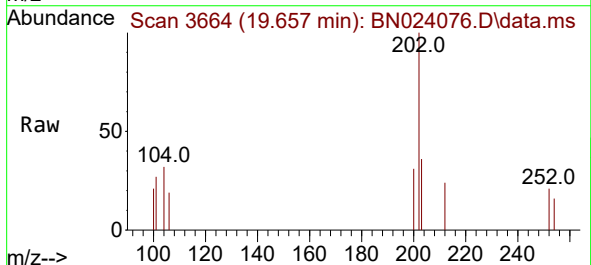
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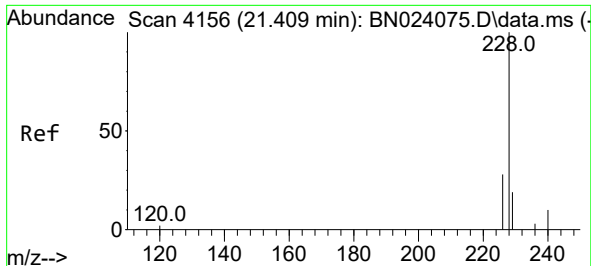
Tgt Ion:202 Resp: 305
Ion Ratio Lower Upper
202 100
101 29.8 6.8 10.2#
100 28.2 5.2 7.8#



#20
Pyrene
Concen: 0.018 ng/ul
RT: 19.657 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN024076.D
Acq: 21 Feb 2023 10:38

Tgt Ion:202 Resp: 498
Ion Ratio Lower Upper
202 100
101 26.9 8.1 12.1#
100 21.2 6.2 9.4#

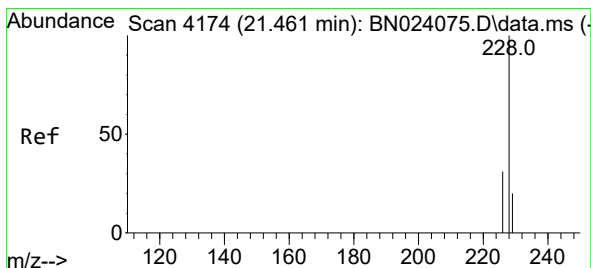
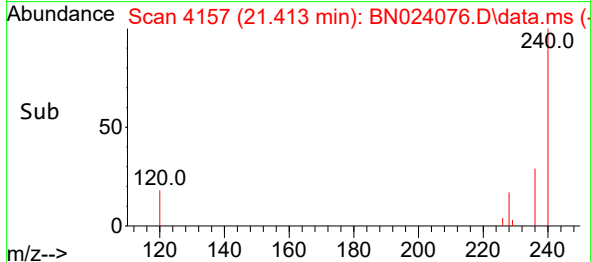
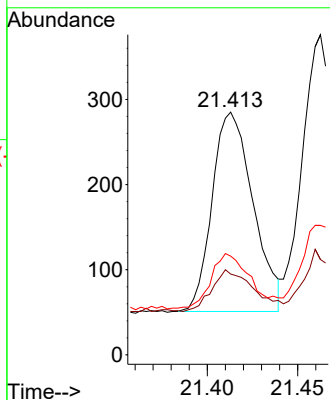
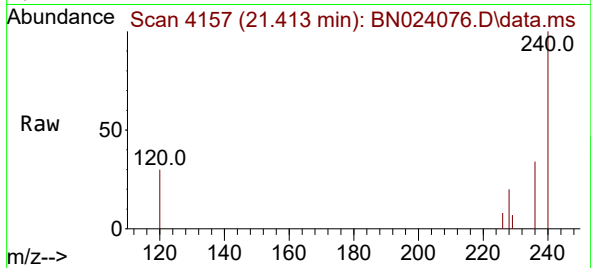




#21
Benzo(a)anthracene
Concen: 0.013 ng/ul
RT: 21.413 min Scan# 4156
Delta R.T. 0.001 min
Lab File: BN024076.D
Acq: 21 Feb 2023 10:38

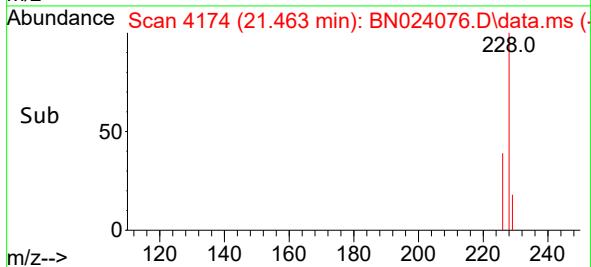
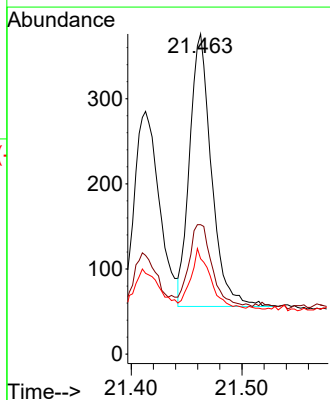
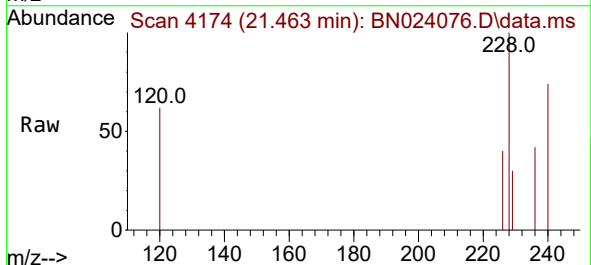
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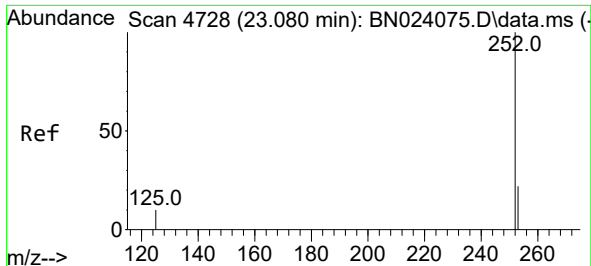
Tgt Ion:228 Resp: 368
Ion Ratio Lower Upper
228 100
229 33.3 15.8 23.8#
226 40.7 22.0 33.0#



#22
Chrysene
Concen: 0.015 ng/ul
RT: 21.463 min Scan# 4174
Delta R.T. -0.004 min
Lab File: BN024076.D
Acq: 21 Feb 2023 10:38

Tgt Ion:228 Resp: 439
Ion Ratio Lower Upper
228 100
226 40.4 24.2 36.2#
229 29.8 15.5 23.3#

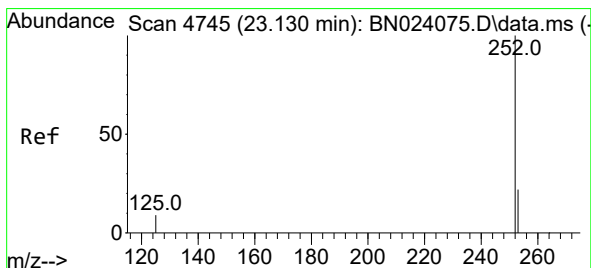
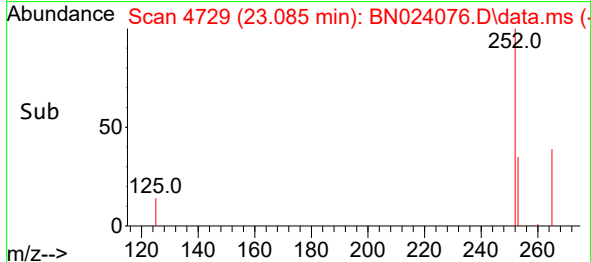
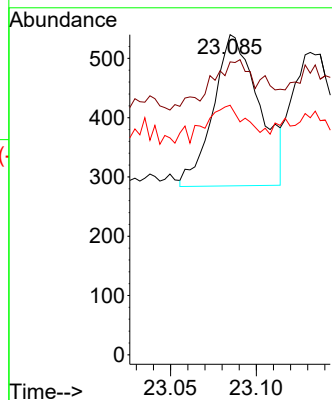
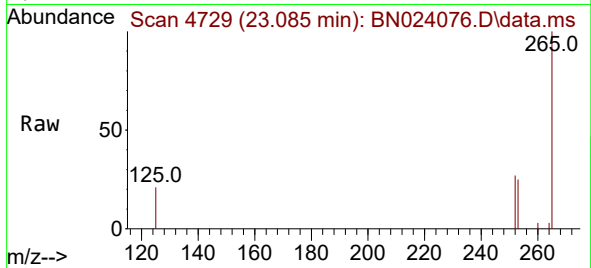




#24
Benzo(b)fluoranthene
Concen: 0.018 ng/ul
RT: 23.085 min Scan# 4728
Delta R.T. -0.007 min
Lab File: BN024076.D
Acq: 21 Feb 2023 10:38

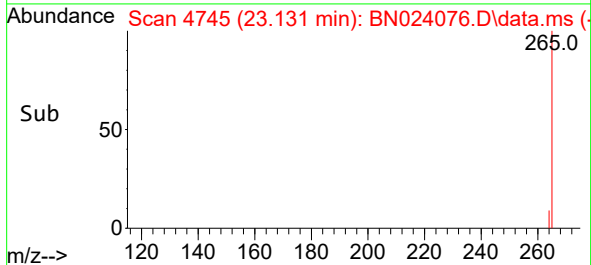
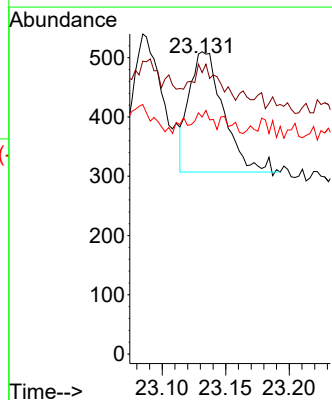
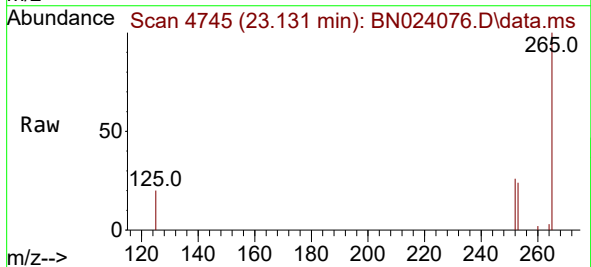
Instrument :
BNA_N
ClientSampleId :
SBLK957

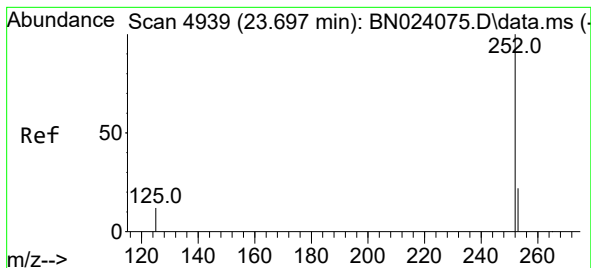
Tgt Ion:252 Resp: 474
Ion Ratio Lower Upper
252 100
253 91.5 0.0 51.8#
125 78.0 0.0 23.6#



#25
Benzo(k)fluoranthene
Concen: 0.015 ng/ul
RT: 23.131 min Scan# 4745
Delta R.T. -0.007 min
Lab File: BN024076.D
Acq: 21 Feb 2023 10:38

Tgt Ion:252 Resp: 382
Ion Ratio Lower Upper
252 100
253 93.1 20.2 30.2#
125 78.4 9.0 13.4#





#26

Benzo(a)pyrene

Concen: 0.012 ng/ul

RT: 23.719 min Scan# 4939

Delta R.T. 0.013 min

Lab File: BN024076.D

Acq: 21 Feb 2023 10:38

Instrument :

BNA_N

ClientSampleId :

SBLK957

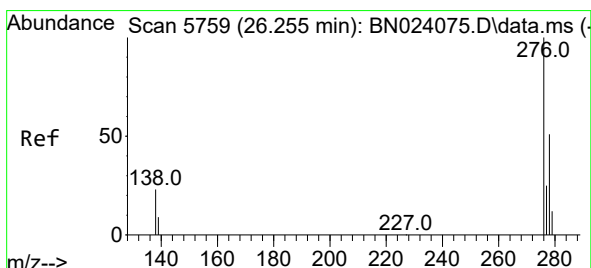
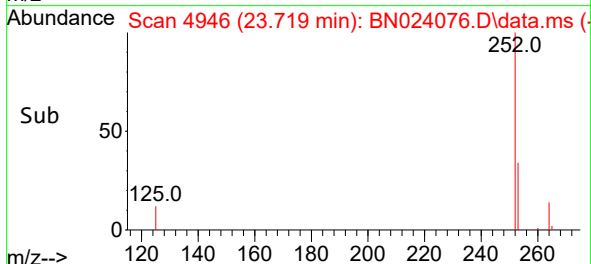
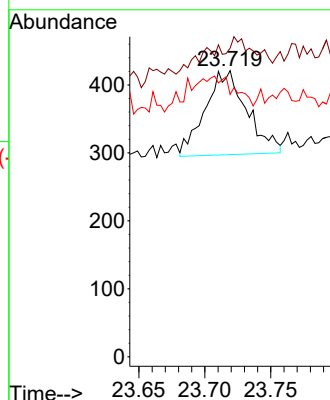
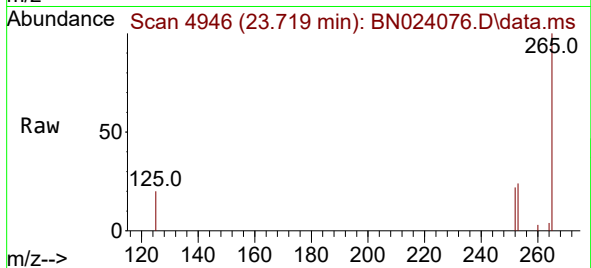
Tgt Ion:252 Resp: 271

Ion Ratio Lower Upper

252 100

253 107.8 21.5 32.3#

125 91.7 11.2 16.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.014 ng/ul

RT: 26.290 min Scan# 5769

Delta R.T. -0.002 min

Lab File: BN024076.D

Acq: 21 Feb 2023 10:38

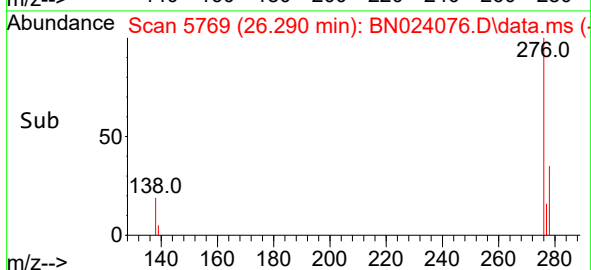
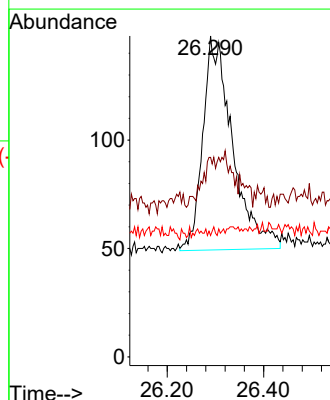
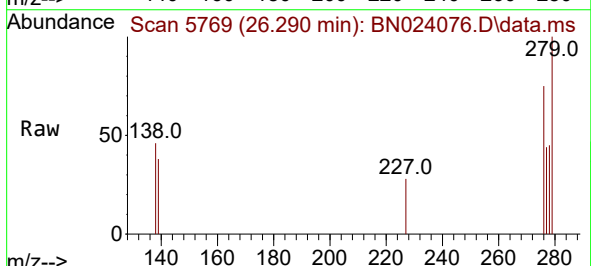
Tgt Ion:276 Resp: 422

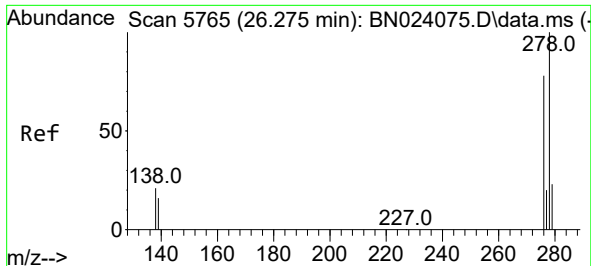
Ion Ratio Lower Upper

276 100

138 0.0 17.0 25.6#

227 0.2 0.2 0.4#

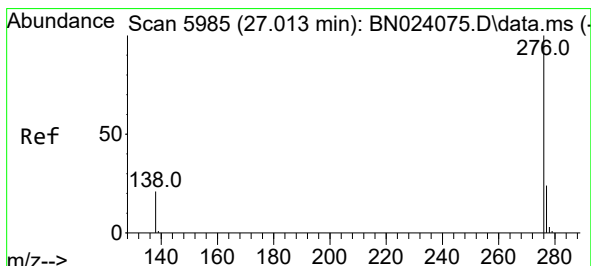
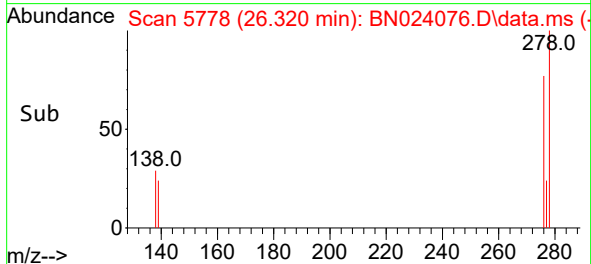
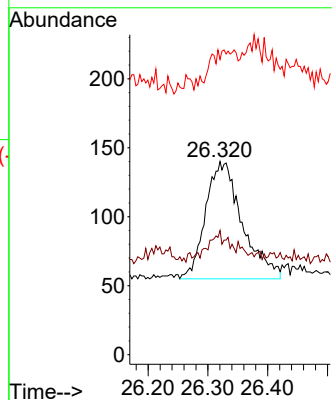
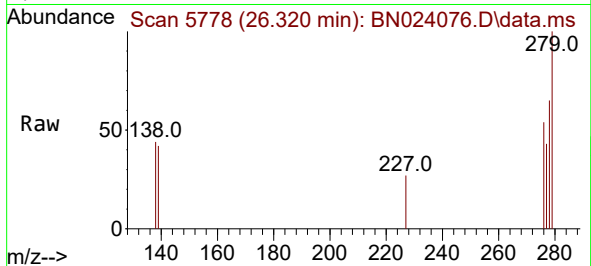




#28
 Dibenzo(a,h)anthracene
 Concen: 0.014 ng/ul
 RT: 26.320 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: BN024076.D
 Acq: 21 Feb 2023 10:38

Instrument :
 BNA_N
 ClientSampleId :
 SBLK957

Tgt Ion:278 Resp: 362
 Ion Ratio Lower Upper
 278 100
 139 64.3 12.3 18.5#
 279 152.9 21.4 32.0#



#29
 Benzo(g,h,i)perylene
 Concen: 0.015 ng/ul
 RT: 27.058 min Scan# 5998
 Delta R.T. 0.012 min
 Lab File: BN024076.D
 Acq: 21 Feb 2023 10:38

Tgt Ion:276 Resp: 387
 Ion Ratio Lower Upper
 276 100
 138 66.2 15.3 22.9#
 277 61.0 19.9 29.9#

