

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024164.D
 Acq On : 08 Mar 2023 12:31
 Operator : CG/JU
 Sample : SSTD0.176
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.1237

Quant Time: Mar 09 00:49:44 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 00:47:00 2023
 Response via : Initial Calibration

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

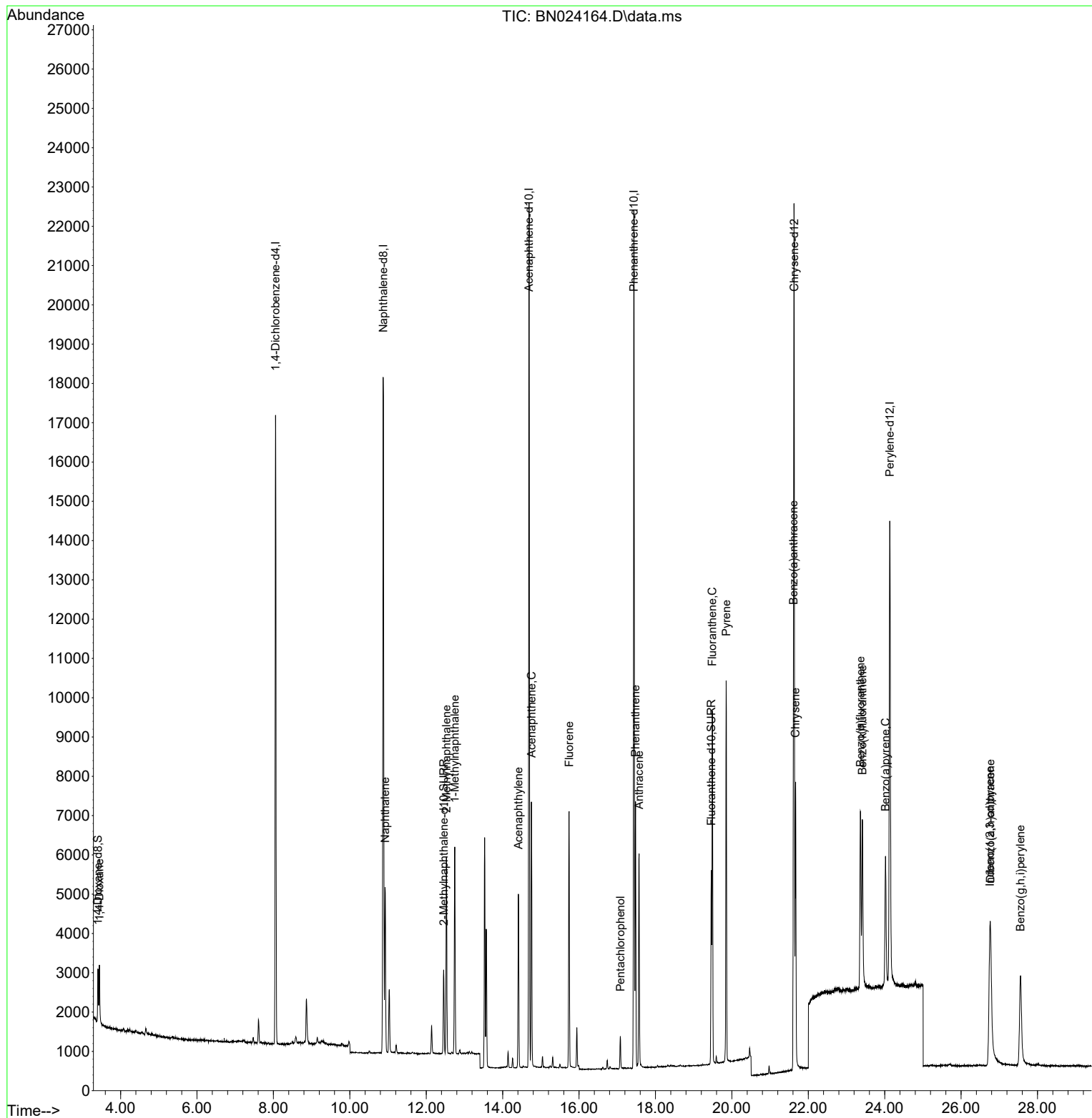
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	7926	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	22533	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	11687	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	24252	0.400	ng/ul	0.00
17) Chrysene-d12	21.630	240	19028	0.400	ng/ul	0.00
23) Perylene-d12	24.132	264	17771	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	883	0.104	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	2738	0.078	ng/ul	0.00
18) Fluoranthene-d10	19.459	212	4916	0.096	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	976	0.108	ng/ul#	72
5) Naphthalene	10.922	128	5760	0.093	ng/ul	96
7) 2-Methylnaphthalene	12.528	142	3473	0.087	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	3644	0.089	ng/ul	100
10) Acenaphthylene	14.411	152	4856	0.109	ng/ul	98
11) Acenaphthene	14.754	153	3811	0.097	ng/ul	100
12) Fluorene	15.739	166	4140	0.087	ng/ul	97
14) Pentachlorophenol	17.080	266	557	0.070	ng/ul#	74
15) Phenanthrene	17.477	178	7006	0.097	ng/ul	98
16) Anthracene	17.569	178	5938	0.098	ng/ul	97
19) Fluoranthene	19.487	202	7236	0.114	ng/ul	95
20) Pyrene	19.850	202	7592	0.116	ng/ul	94
21) Benzo(a)anthracene	21.612	228	6555	0.101	ng/ul	99
22) Chrysene	21.668	228	6761	0.099	ng/ul	99
24) Benzo(b)fluoranthene	23.366	252	6557	0.084	ng/ul	82
25) Benzo(k)fluoranthene	23.416	252	6672	0.087	ng/ul#	82
26) Benzo(a)pyrene	24.021	252	5928	0.091	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.750	276	6693	0.073	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.770	278	5073	0.069	ng/ul#	82
29) Benzo(g,h,i)perylene	27.555	276	5889	0.078	ng/ul	92

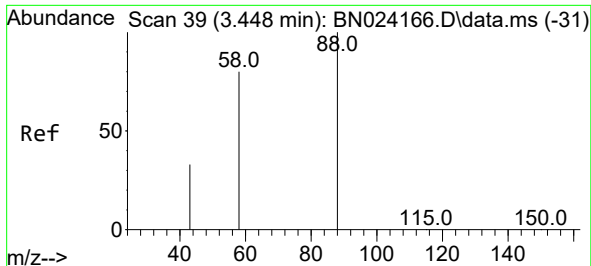
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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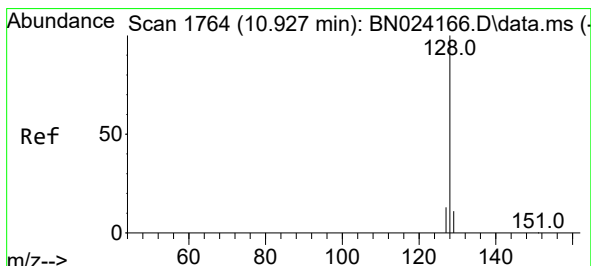
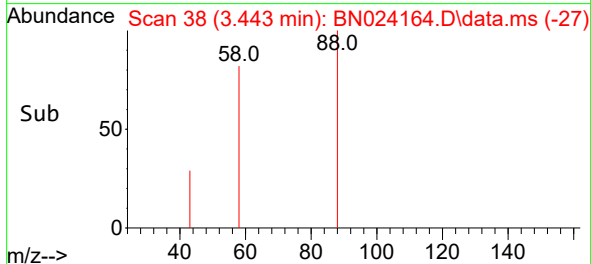
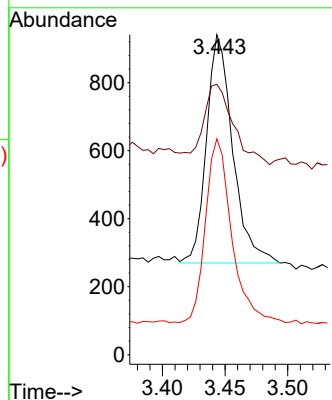
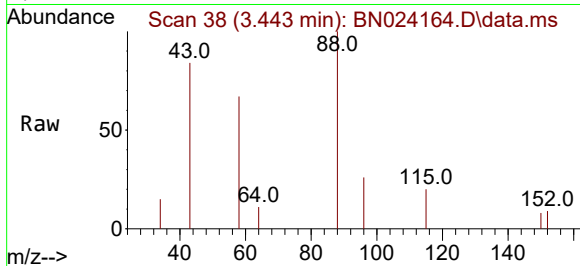




#2
1,4-Dioxane
Concen: 0.108 ng/ul
RT: 3.443 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN024164.D
Acq: 08 Mar 2023 12:31

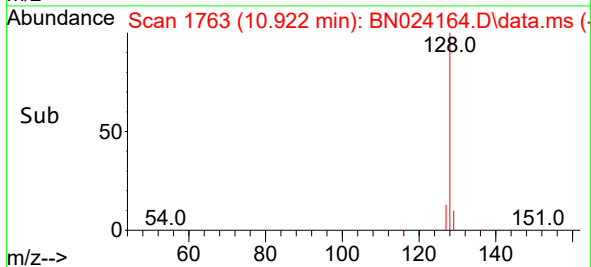
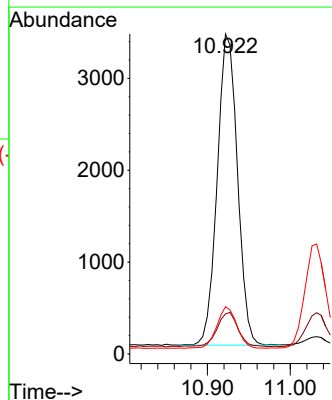
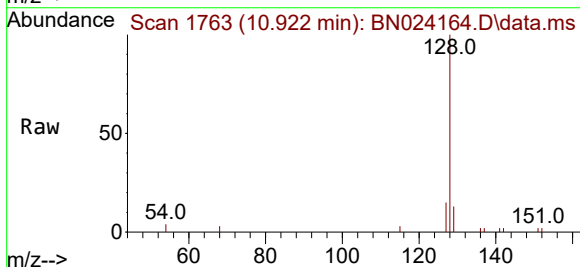
Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

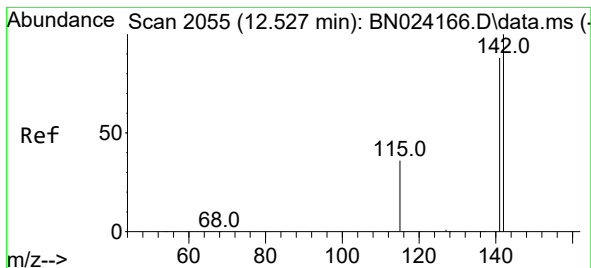
Tgt Ion: 88 Resp: 976
Ion Ratio Lower Upper
88 100
43 84.5 32.1 48.1#
58 67.5 55.1 82.7



#5
Naphthalene
Concen: 0.093 ng/ul
RT: 10.922 min Scan# 1763
Delta R.T. -0.005 min
Lab File: BN024164.D
Acq: 08 Mar 2023 12:31

Tgt Ion: 128 Resp: 5760
Ion Ratio Lower Upper
128 100
129 12.5 9.0 13.6
127 14.7 10.5 15.7

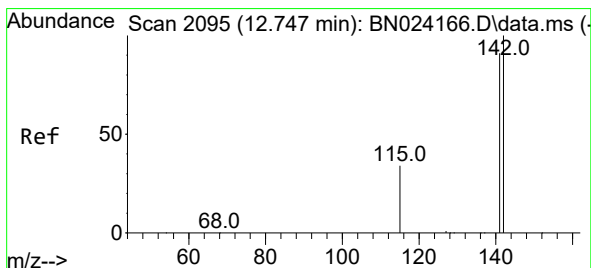
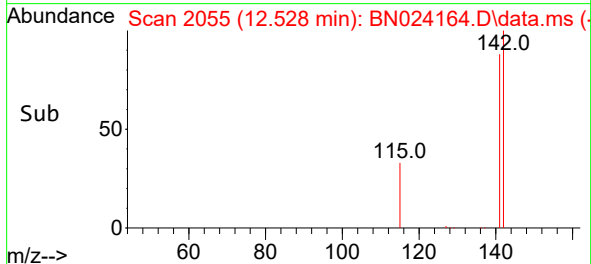
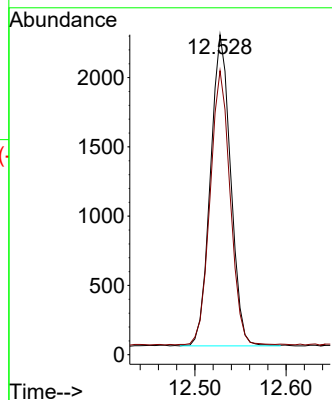
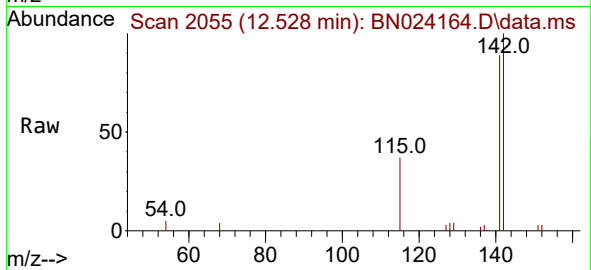




#7
2-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN024164.D
Acq: 08 Mar 2023 12:31

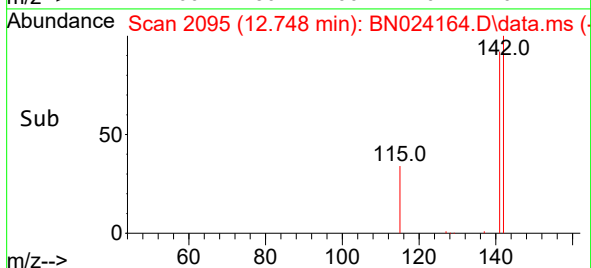
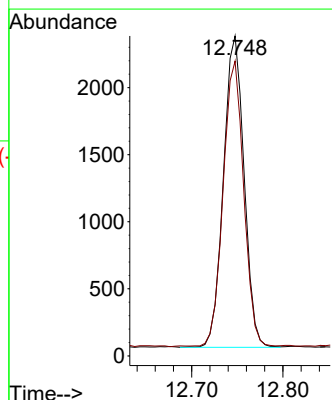
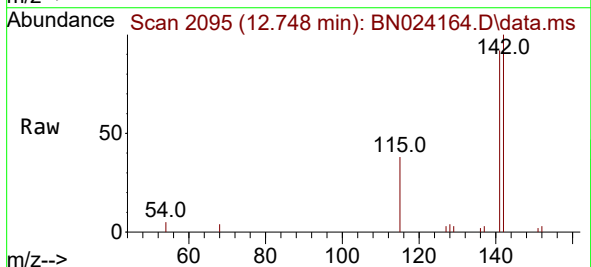
Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

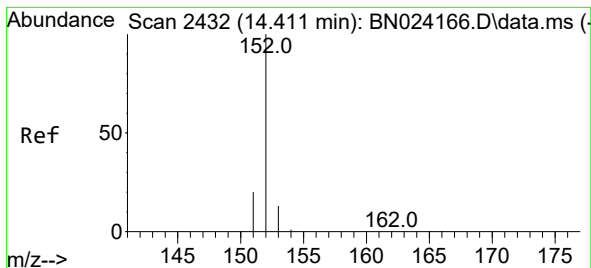
Tgt Ion:142 Resp: 3473
Ion Ratio Lower Upper
142 100
141 87.3 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.748 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BN024164.D
Acq: 08 Mar 2023 12:31

Tgt Ion:142 Resp: 3644
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.6





#10

Acenaphthylene

Concen: 0.109 ng/ul

RT: 14.411 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BN024164.D

Acq: 08 Mar 2023 12:31

Instrument :

BNA_N

ClientSampleId :

SSTD0.1237

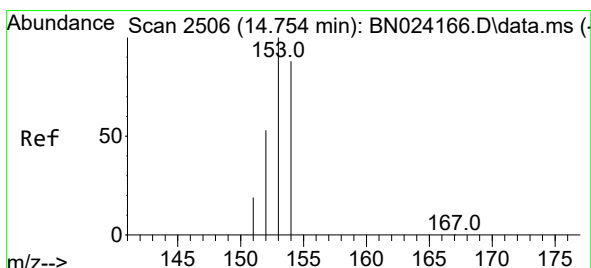
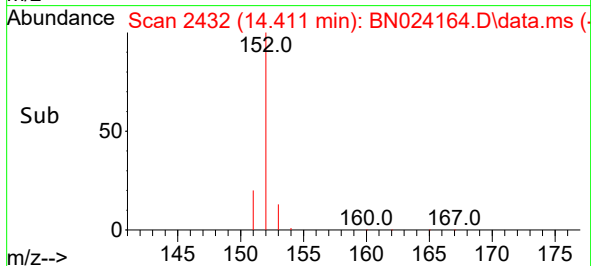
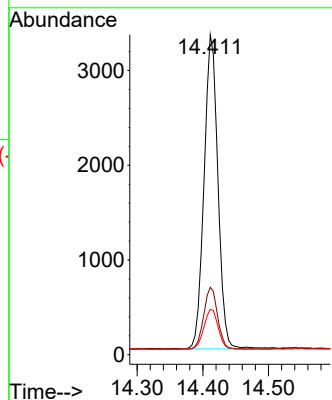
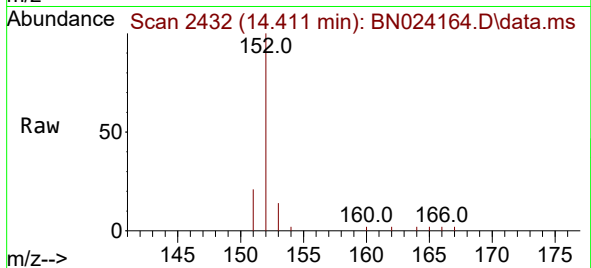
Tgt Ion:152 Resp: 4856

Ion Ratio Lower Upper

152 100

151 21.1 15.9 23.9

153 14.2 10.6 16.0



#11

Acenaphthene

Concen: 0.097 ng/ul

RT: 14.754 min Scan# 2506

Delta R.T. 0.000 min

Lab File: BN024164.D

Acq: 08 Mar 2023 12:31

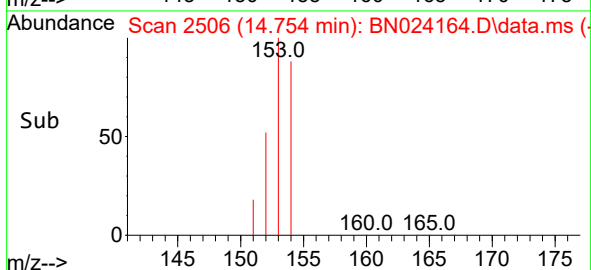
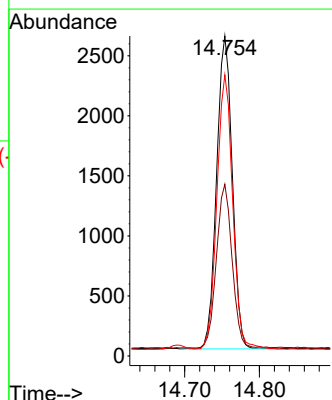
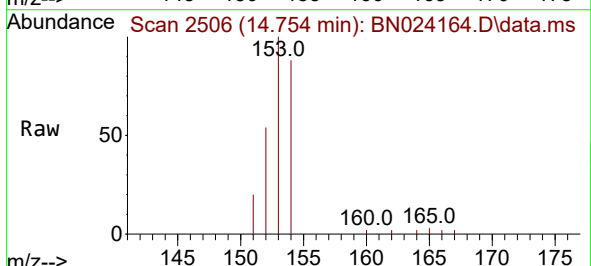
Tgt Ion:153 Resp: 3811

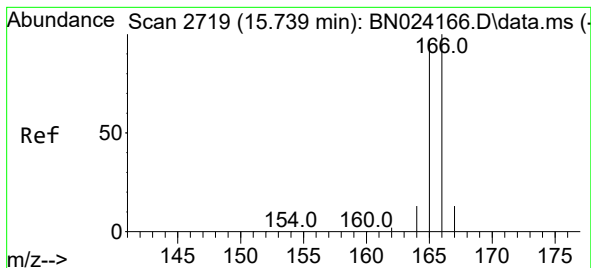
Ion Ratio Lower Upper

153 100

152 53.7 42.6 64.0

154 87.8 70.6 105.8





#12

Fluorene

Concen: 0.087 ng/ul

RT: 15.739 min Scan# 2719

Delta R.T. 0.000 min

Lab File: BN024164.D

Acq: 08 Mar 2023 12:31

Instrument :

BNA_N

ClientSampleId :

SSTD0.1237

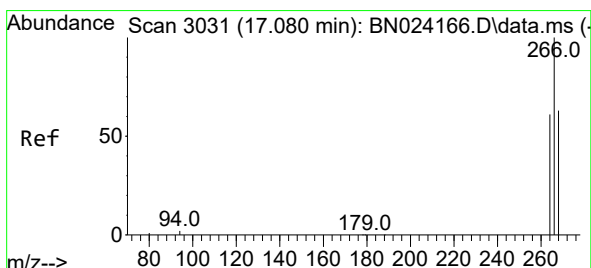
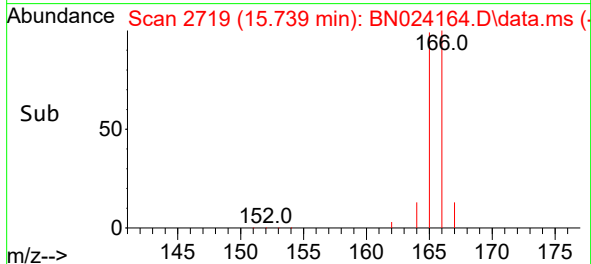
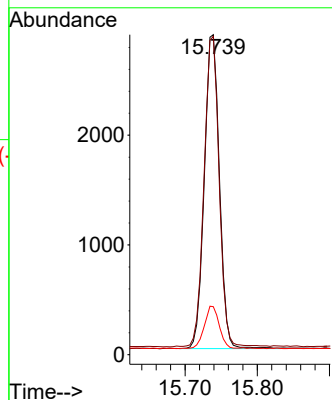
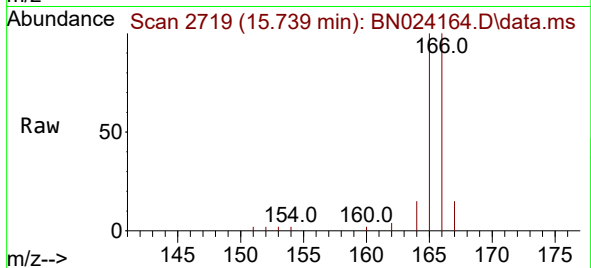
Tgt Ion:166 Resp: 4140

Ion Ratio Lower Upper

166 100

165 99.5 77.4 116.0

167 15.0 10.9 16.3



#14

Pentachlorophenol

Concen: 0.070 ng/ul

RT: 17.080 min Scan# 3031

Delta R.T. 0.000 min

Lab File: BN024164.D

Acq: 08 Mar 2023 12:31

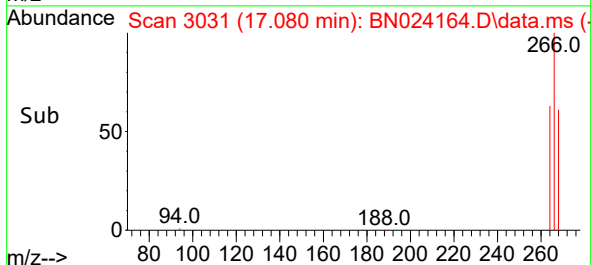
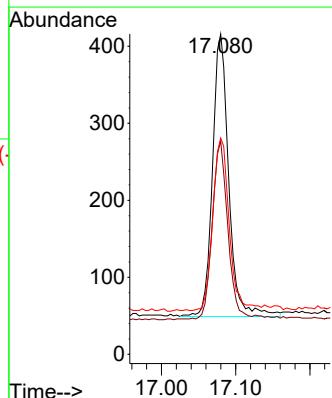
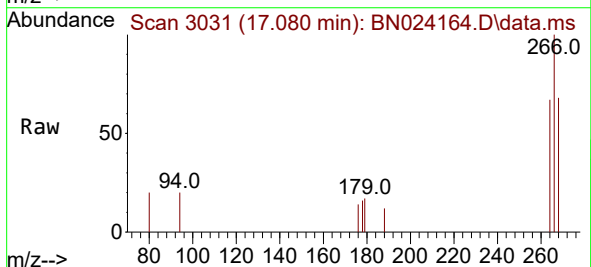
Tgt Ion:266 Resp: 557

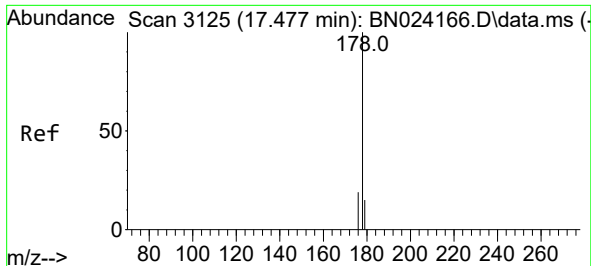
Ion Ratio Lower Upper

266 100

264 59.4 0.0 0.0#

268 62.1 0.1 0.1#

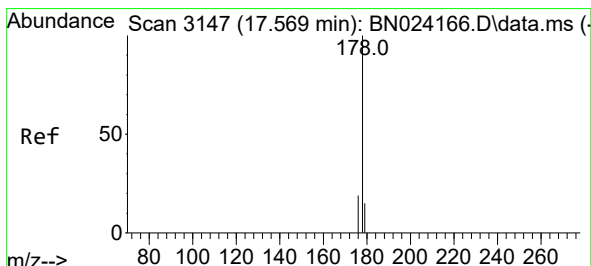
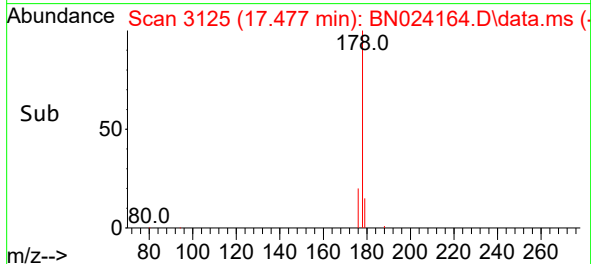
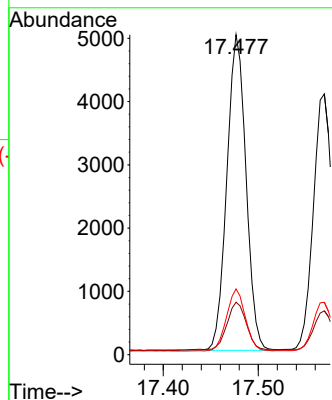
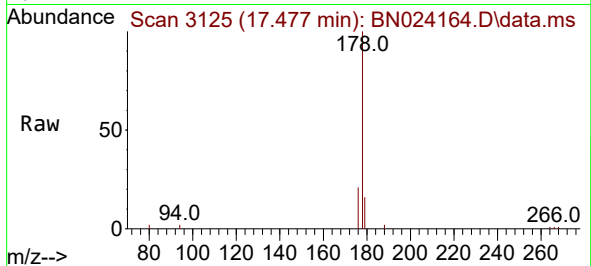




#15
Phenanthrene
Concen: 0.097 ng/ul
RT: 17.477 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BN024164.D
Acq: 08 Mar 2023 12:31

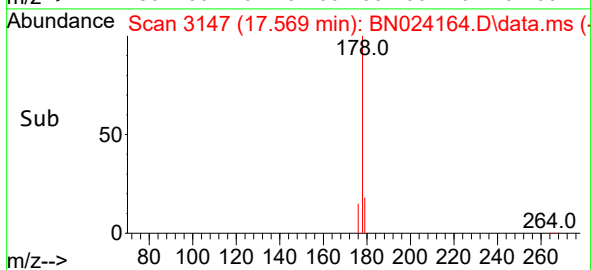
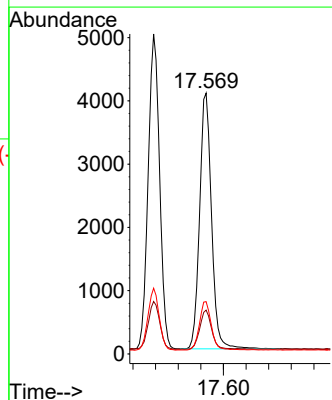
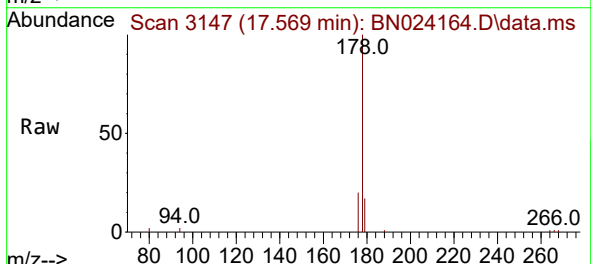
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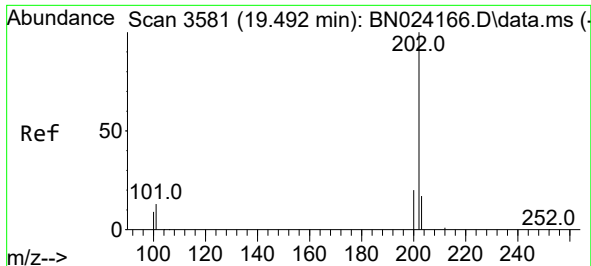
Tgt Ion:178 Resp: 7006
Ion Ratio Lower Upper
178 100
179 16.4 12.2 18.2
176 20.6 15.7 23.5



#16
Anthracene
Concen: 0.098 ng/ul
RT: 17.569 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BN024164.D
Acq: 08 Mar 2023 12:31

Tgt Ion:178 Resp: 5938
Ion Ratio Lower Upper
178 100
179 16.8 12.3 18.5
176 20.1 15.3 22.9

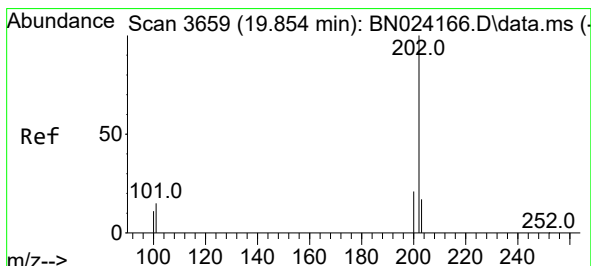
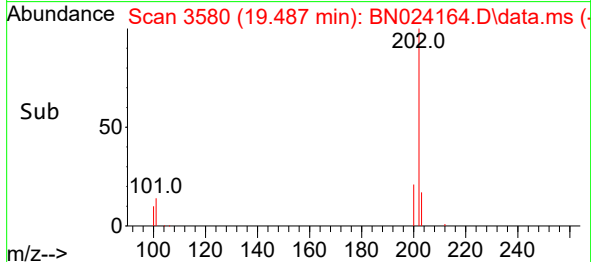
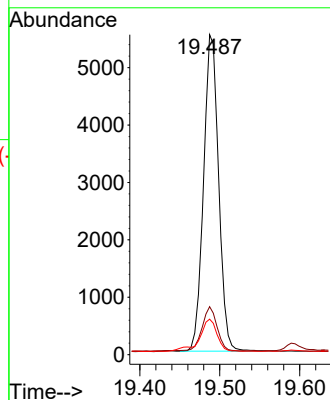
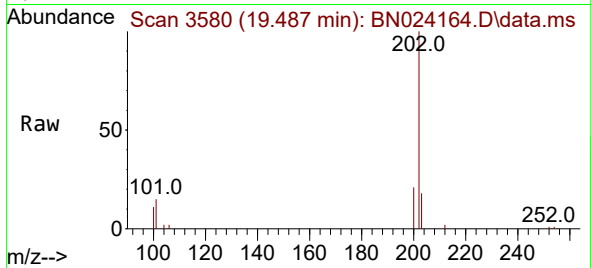




#19
Fluoranthene
Concen: 0.114 ng/ul
RT: 19.487 min Scan# 3580
Delta R.T. -0.005 min
Lab File: BN024164.D
Acq: 08 Mar 2023 12:31

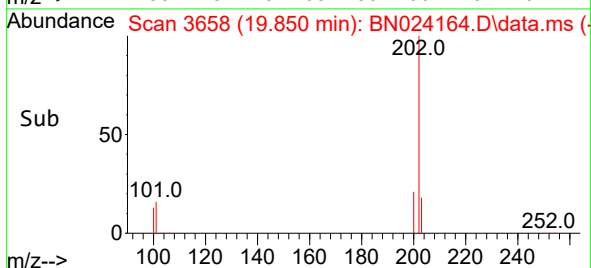
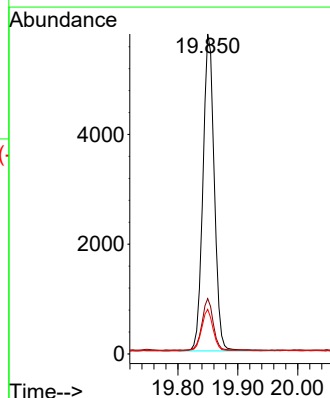
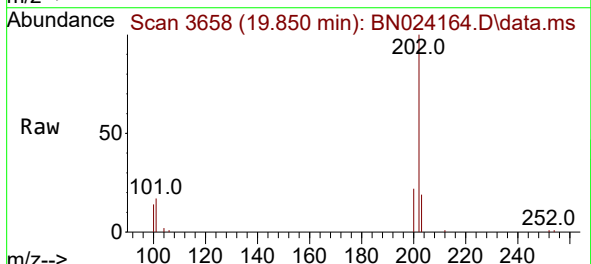
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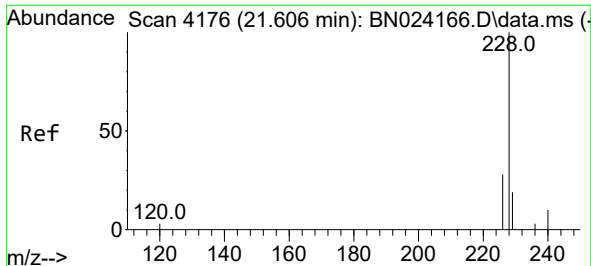
Tgt Ion:202 Resp: 7236
Ion Ratio Lower Upper
202 100
101 15.0 10.4 15.6
100 11.1 7.7 11.5



#20
Pyrene
Concen: 0.116 ng/ul
RT: 19.850 min Scan# 3658
Delta R.T. -0.005 min
Lab File: BN024164.D
Acq: 08 Mar 2023 12:31

Tgt Ion:202 Resp: 7592
Ion Ratio Lower Upper
202 100
101 17.3 12.1 18.1
100 14.0 9.4 14.0

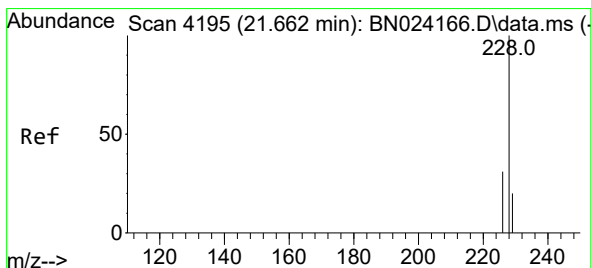
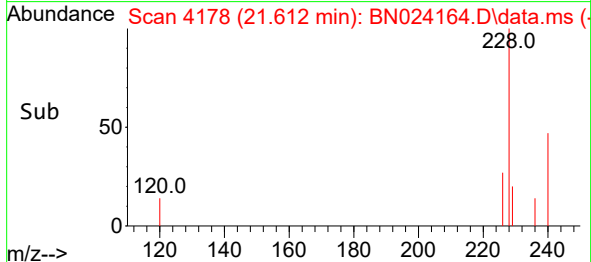
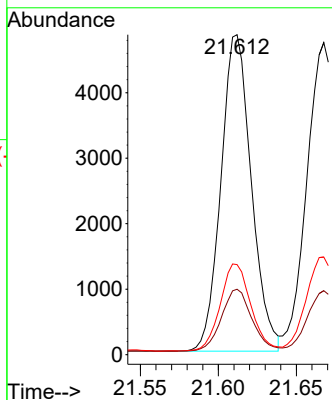
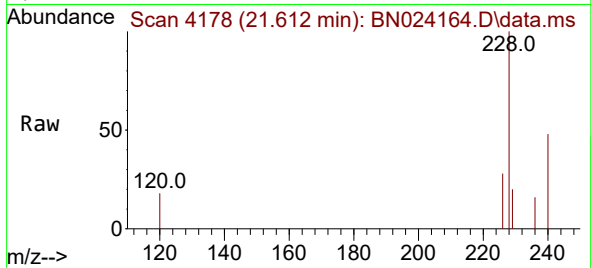




#21
Benzo(a)anthracene
Concen: 0.101 ng/ul
RT: 21.612 min Scan# 4176
Delta R.T. 0.006 min
Lab File: BN024164.D
Acq: 08 Mar 2023 12:31

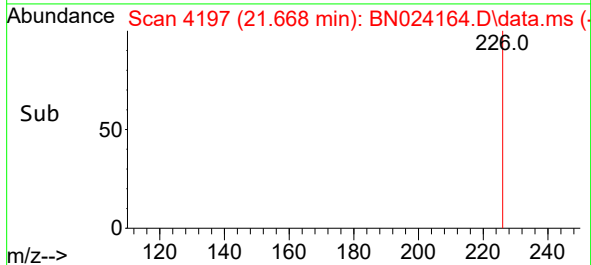
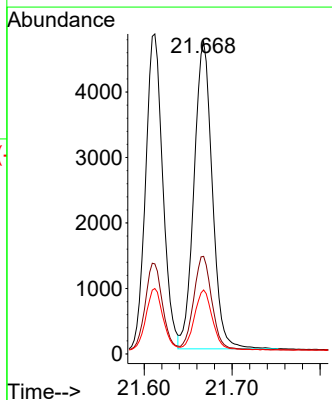
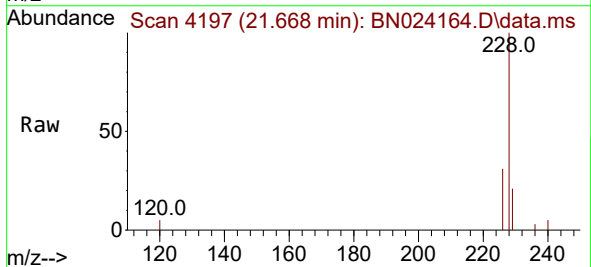
Instrument :
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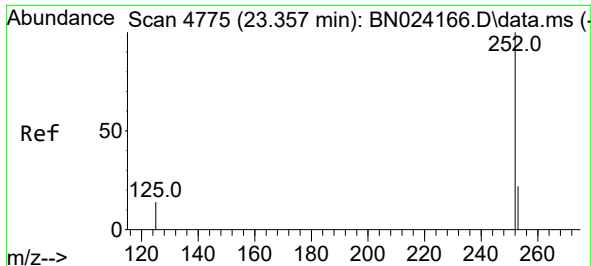
Tgt Ion:228 Resp: 6555
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 28.1 22.2 33.4



#22
Chrysene
Concen: 0.099 ng/ul
RT: 21.668 min Scan# 4197
Delta R.T. 0.006 min
Lab File: BN024164.D
Acq: 08 Mar 2023 12:31

Tgt Ion:228 Resp: 6761
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 20.5 15.8 23.6

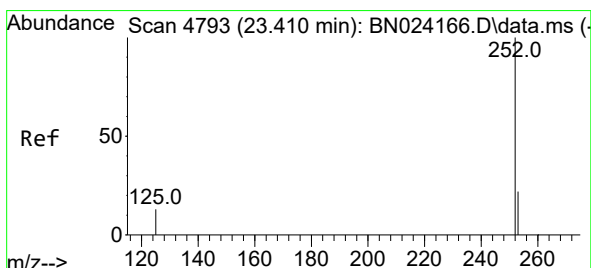
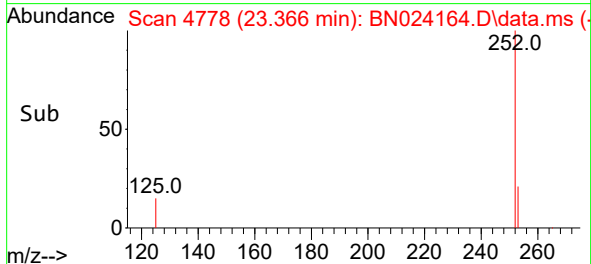
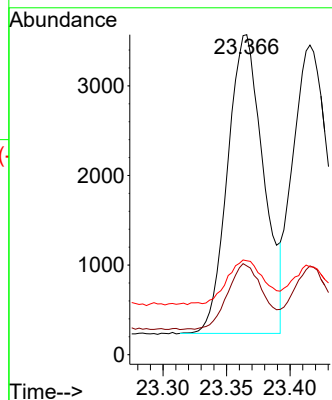
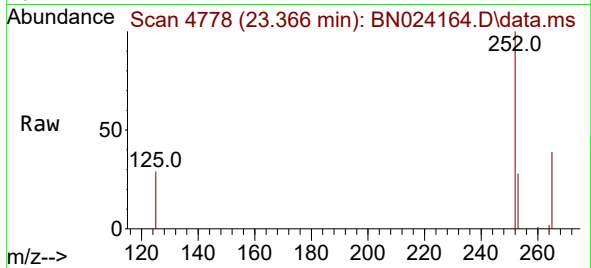




#24
Benzo(b)fluoranthene
Concen: 0.084 ng/ul
RT: 23.366 min Scan# 4778
Delta R.T. 0.009 min
Lab File: BN024164.D
Acq: 08 Mar 2023 12:31

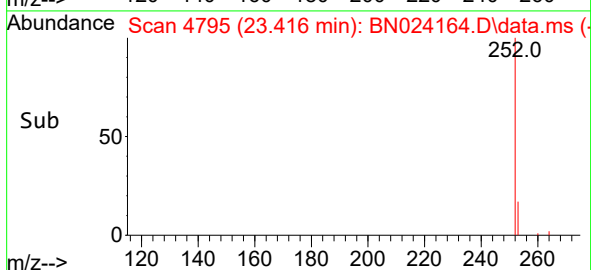
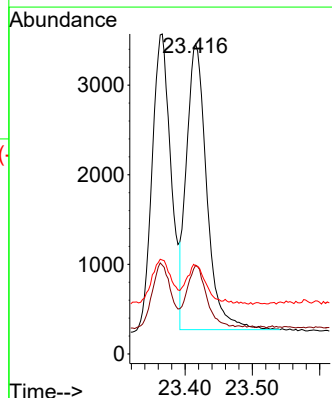
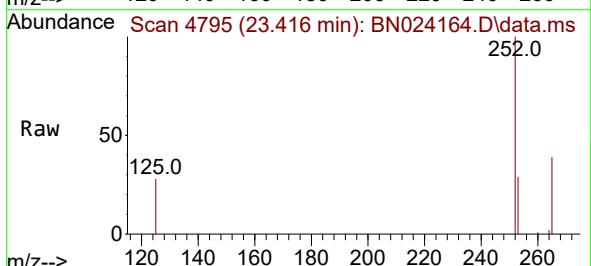
Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

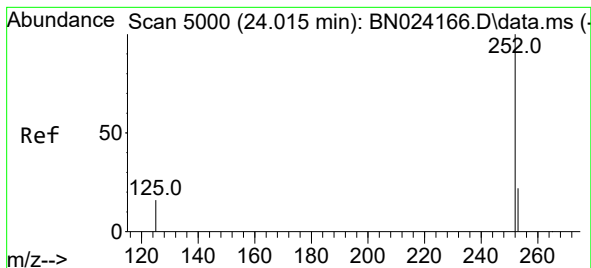
Tgt Ion:252 Resp: 6557
Ion Ratio Lower Upper
252 100
253 27.8 0.0 46.2
125 29.3 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.087 ng/ul
RT: 23.416 min Scan# 4795
Delta R.T. 0.006 min
Lab File: BN024164.D
Acq: 08 Mar 2023 12:31

Tgt Ion:252 Resp: 6672
Ion Ratio Lower Upper
252 100
253 28.7 18.5 27.7#
125 28.4 13.2 19.8#





#26

Benzo(a)pyrene

Concen: 0.091 ng/ul

RT: 24.021 min Scan# 5000

Delta R.T. 0.006 min

Lab File: BN024164.D

Acq: 08 Mar 2023 12:31

Instrument :

BNA_N

ClientSampleId :

SSTD0.1237

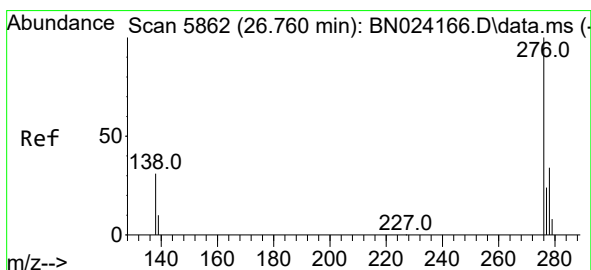
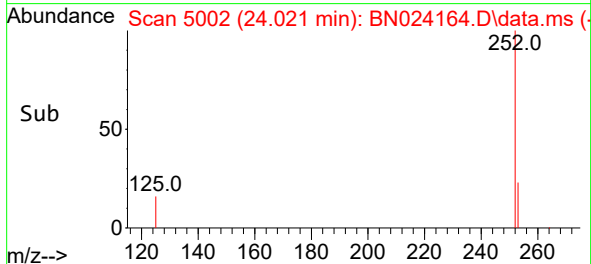
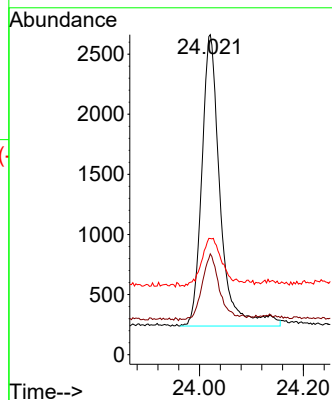
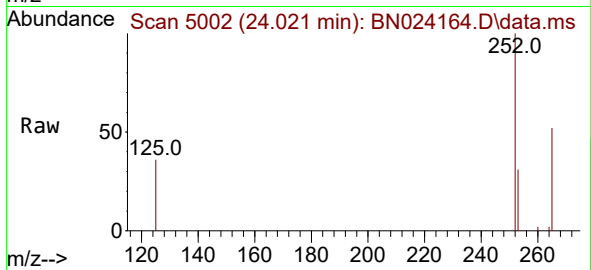
Tgt Ion:252 Resp: 5928

Ion Ratio Lower Upper

252 100

253 31.5 19.2 28.8#

125 36.3 15.8 23.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.073 ng/ul

RT: 26.750 min Scan# 5859

Delta R.T. -0.010 min

Lab File: BN024164.D

Acq: 08 Mar 2023 12:31

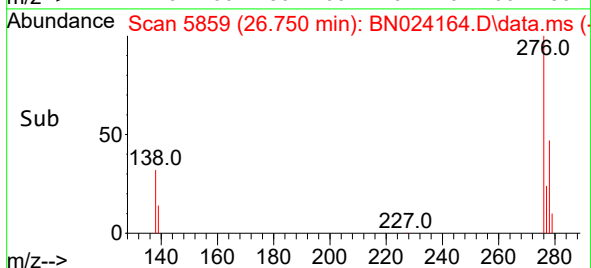
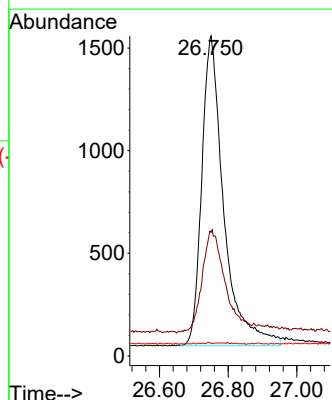
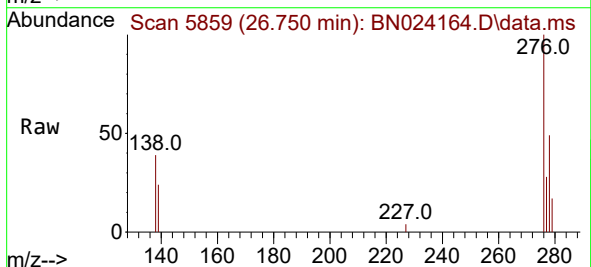
Tgt Ion:276 Resp: 6693

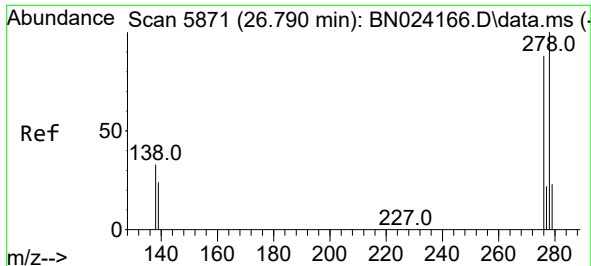
Ion Ratio Lower Upper

276 100

138 37.2 0.0 0.0#

227 0.1 0.0 0.0#

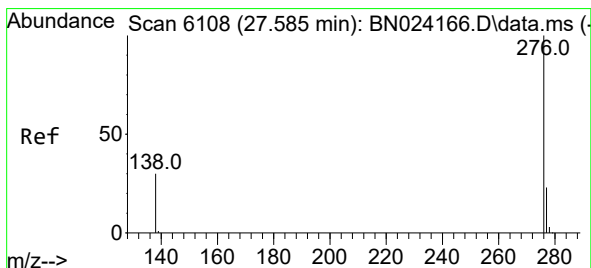
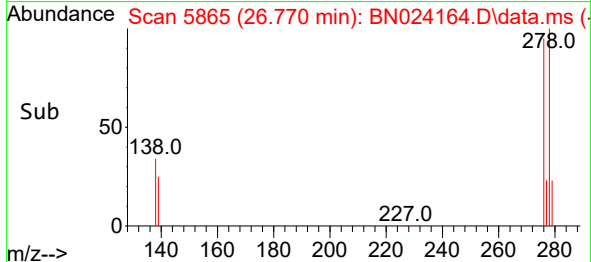
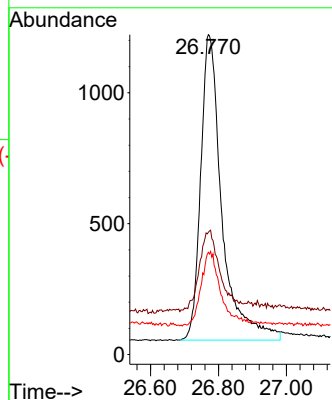
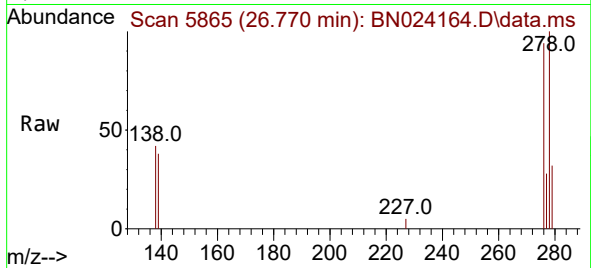




#28
Dibenzo(a,h)anthracene
Concen: 0.069 ng/ul
RT: 26.770 min Scan# 5099
Delta R.T. -0.020 min
Lab File: BN024164.D
Acq: 08 Mar 2023 12:31

Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

Tgt Ion:278 Resp: 5073
Ion Ratio Lower Upper
278 100
139 38.2 21.0 31.6#
279 32.0 20.4 30.6#



#29
Benzo(g,h,i)perylene
Concen: 0.078 ng/ul
RT: 27.555 min Scan# 6099
Delta R.T. -0.030 min
Lab File: BN024164.D
Acq: 08 Mar 2023 12:31

Tgt Ion:276 Resp: 5889
Ion Ratio Lower Upper
276 100
138 36.8 25.2 37.8
277 27.6 19.4 29.2

