

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025384.D
 Acq On : 10 May 2023 17:19
 Operator : CG/JU
 Sample : 02479-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW974

Quant Time: May 11 02:08:47 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 02:07:13 2023
 Response via : Initial Calibration

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

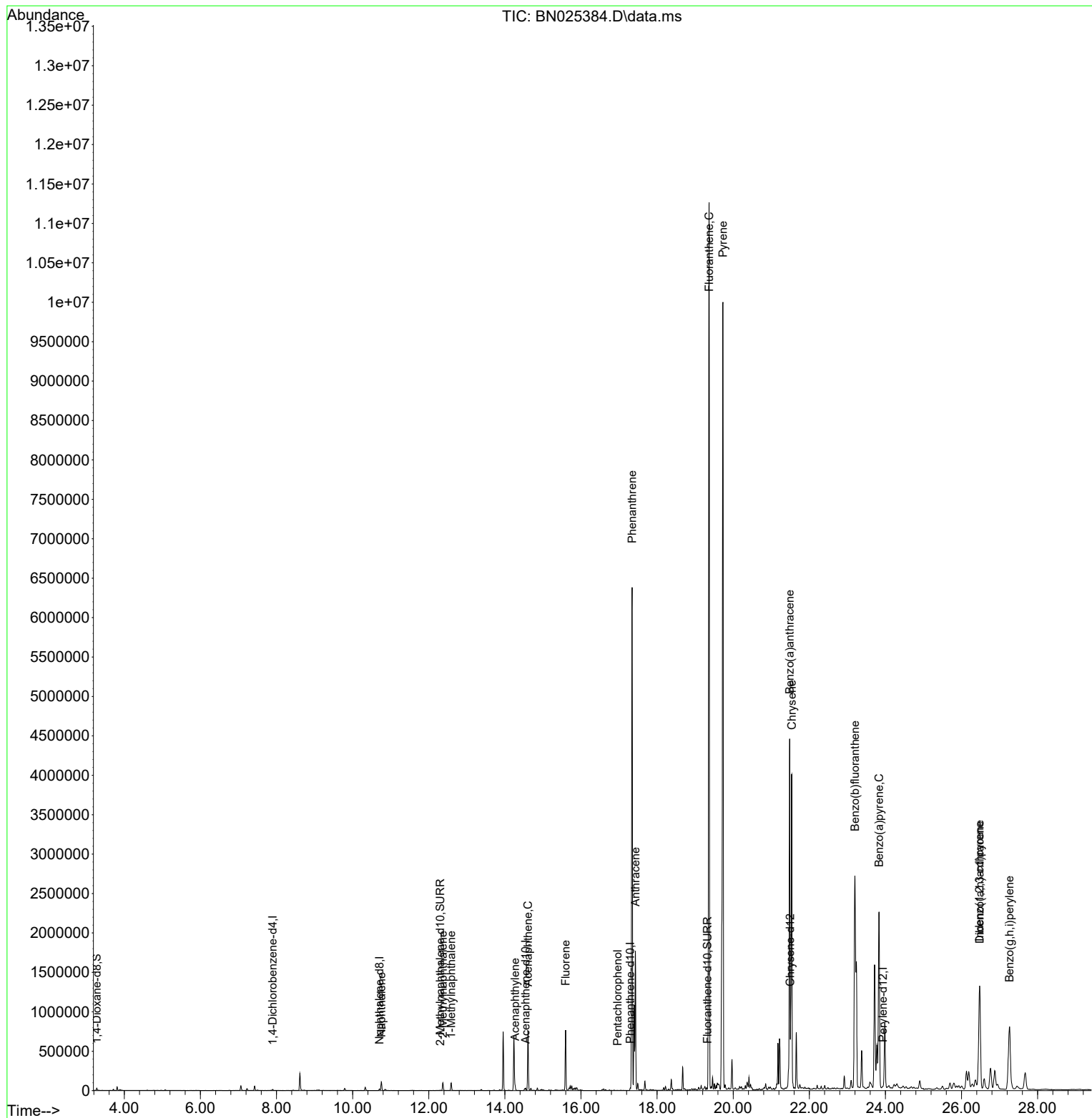
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	7911	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	26082	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	16253	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	33917	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	23207	0.400	ng/ul	# 0.00
23) Perylene-d12	23.935	264	28668	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	17693	2.160	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	5864	0.175	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	14704	0.240	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.754	128	148981	2.229	ng/ul	100
7) 2-Methylnaphthalene	12.371	142	71939	1.758	ng/ul	100
8) 1-Methylnaphthalene	12.591	142	66910	1.534	ng/ul	99
10) Acenaphthylene	14.270	152	71550	1.182	ng/ul	98
11) Acenaphthene	14.607	153	423863	8.305	ng/ul	98
12) Fluorene	15.597	166	474364	8.314	ng/ul	99
14) Pentachlorophenol	16.963	266	245	0.037	ng/ul#	78
15) Phenanthrene	17.343	178	7076501	73.917	ng/ul	99
16) Anthracene	17.431	178	1798950	22.970	ng/ul	99
19) Fluoranthene	19.368	202	10420323	124.168	ng/ul	96
20) Pyrene	19.731	202	8970703	104.040	ng/ul	96
21) Benzo(a)anthracene	21.482	228	4036185	57.716	ng/ul	97
22) Chrysene	21.538	228	3991867	52.328	ng/ul	97
24) Benzo(b)fluoranthene	23.198	252	6492540	55.821	ng/ul	95
26) Benzo(a)pyrene	23.832	252	3415294	35.490	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.474	276	2369440	21.370	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.480	278	557197	6.434	ng/ul	98
29) Benzo(g,h,i)perylene	27.259	276	1960208	20.792	ng/ul	99

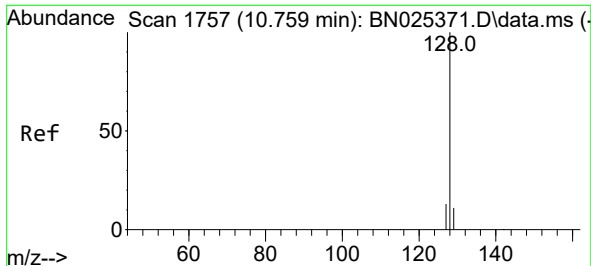
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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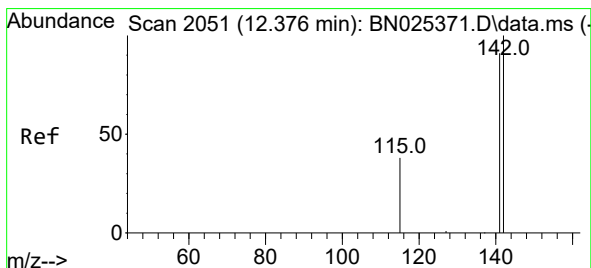
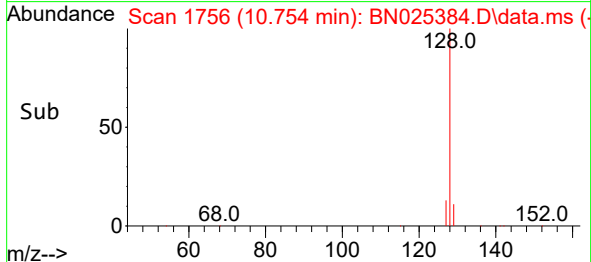
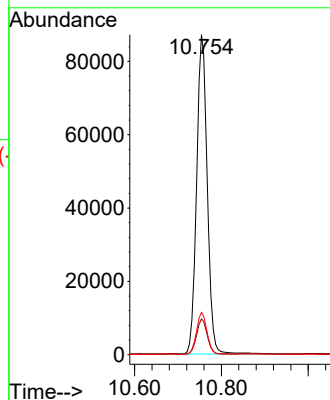
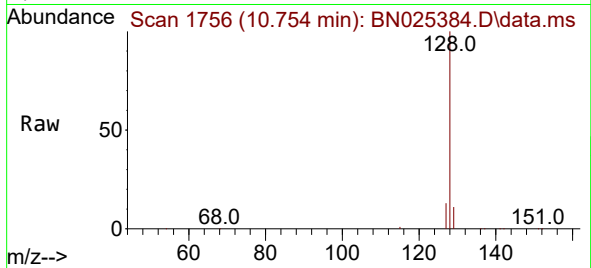




#5
Naphthalene
Concen: 2.229 ng/ul
RT: 10.754 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

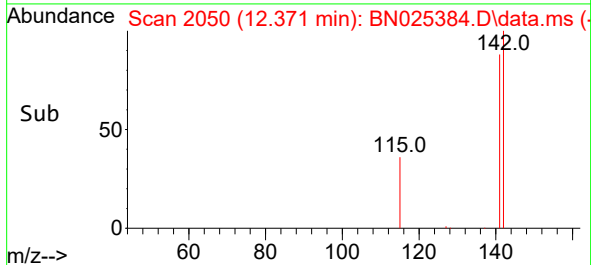
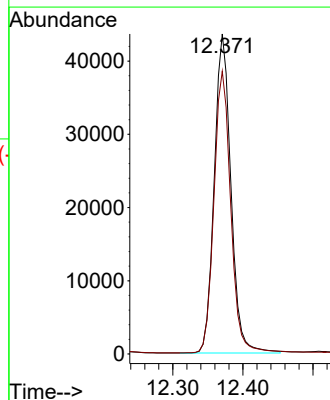
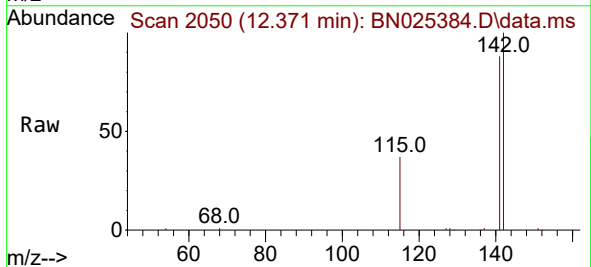
Instrument :
BNA_N
ClientSampleId :
EW974

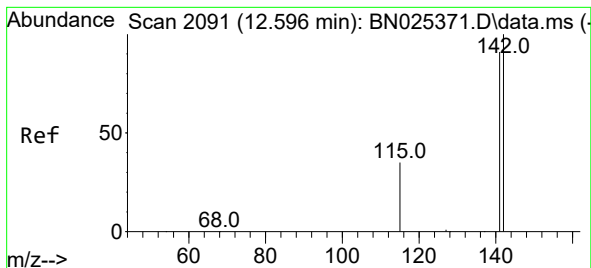
Tgt Ion:128 Resp: 148981
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.2 10.7 16.1



#7
2-Methylnaphthalene
Concen: 1.758 ng/ul
RT: 12.371 min Scan# 2050
Delta R.T. -0.005 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

Tgt Ion:142 Resp: 71939
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0





#8

1-Methylnaphthalene

Concen: 1.534 ng/ul

RT: 12.591 min Scan# 2091

Delta R.T. 0.000 min

Lab File: BN025384.D

Acq: 10 May 2023 17:19

Instrument :

BNA_N

ClientSampleId :

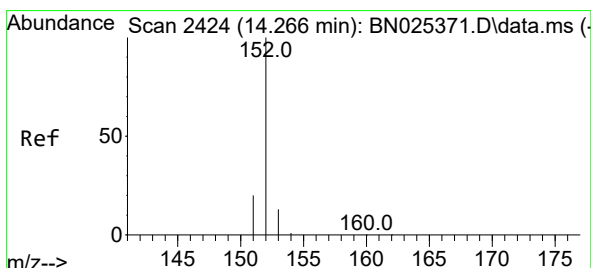
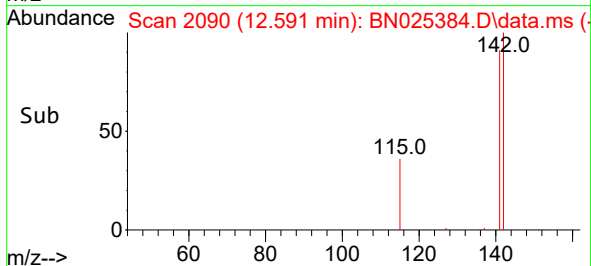
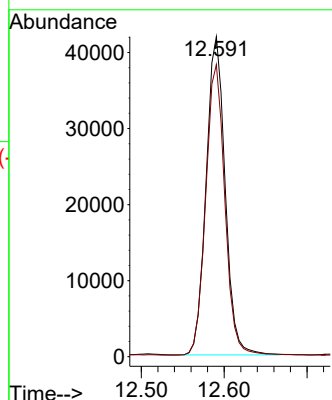
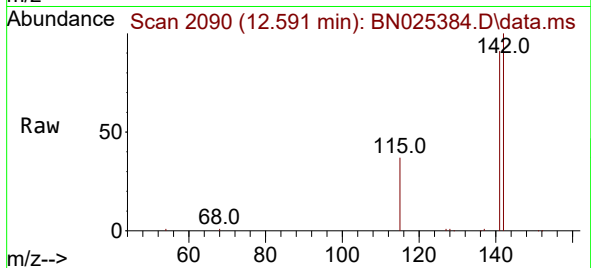
EW974

Tgt Ion:142 Resp: 66910

Ion Ratio Lower Upper

142 100

141 91.6 73.8 110.6



#10

Acenaphthylene

Concen: 1.182 ng/ul

RT: 14.270 min Scan# 2425

Delta R.T. -0.001 min

Lab File: BN025384.D

Acq: 10 May 2023 17:19

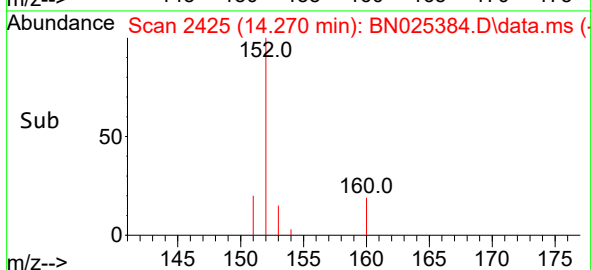
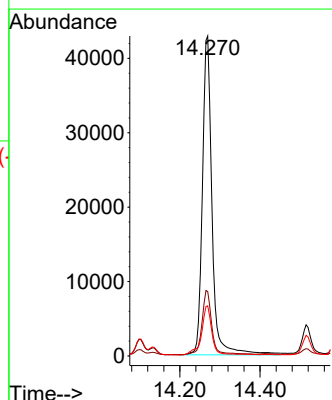
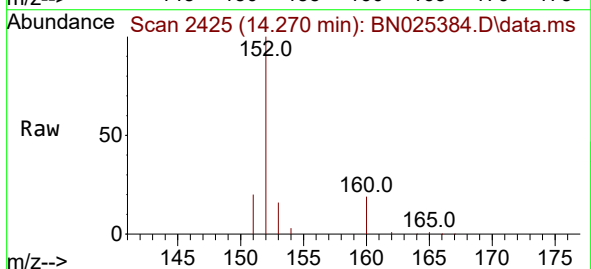
Tgt Ion:152 Resp: 71550

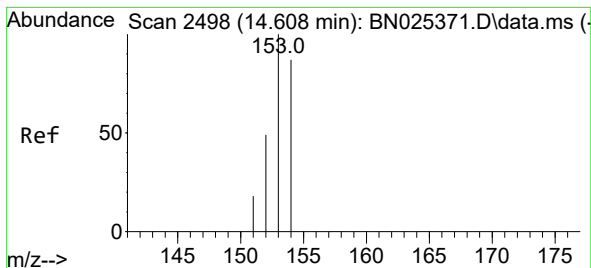
Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 15.7 10.8 16.2





#11

Acenaphthene

Concen: 8.305 ng/ul

RT: 14.607 min Scan# 2498

Delta R.T. -0.001 min

Lab File: BN025384.D

Acq: 10 May 2023 17:19

Instrument :

BNA_N

ClientSampleId :

EW974

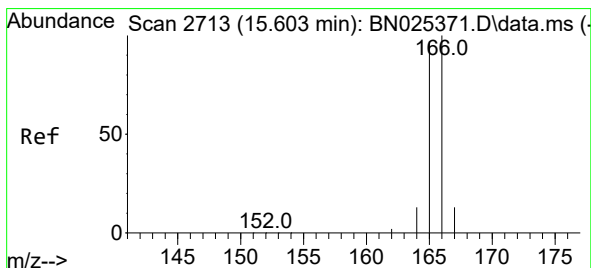
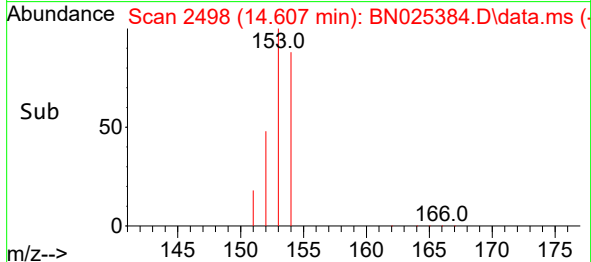
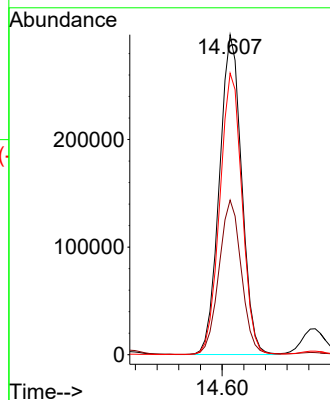
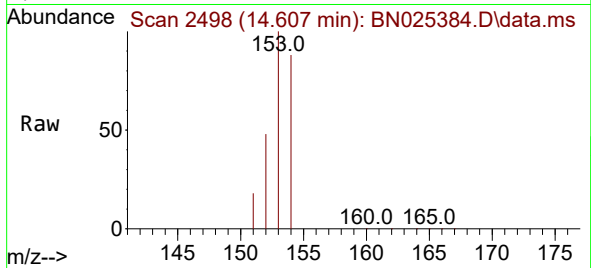
Tgt Ion:153 Resp: 423863

Ion Ratio Lower Upper

153 100

152 48.3 40.2 60.4

154 88.0 69.4 104.2



#12

Fluorene

Concen: 8.314 ng/ul

RT: 15.597 min Scan# 2712

Delta R.T. -0.001 min

Lab File: BN025384.D

Acq: 10 May 2023 17:19

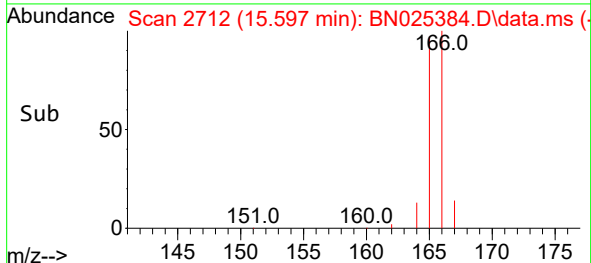
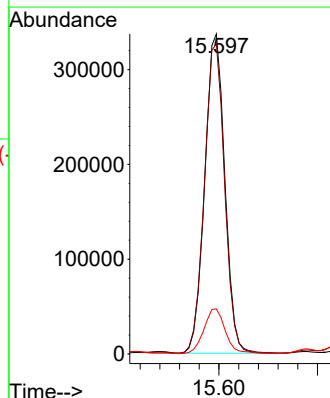
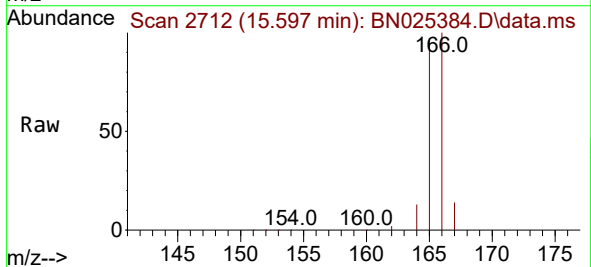
Tgt Ion:166 Resp: 474364

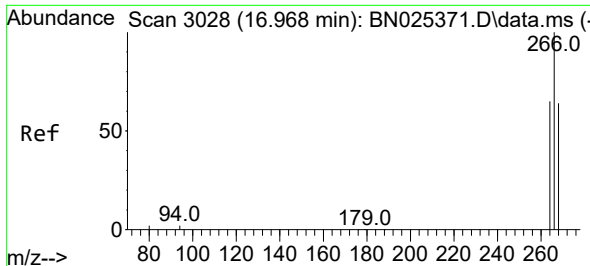
Ion Ratio Lower Upper

166 100

165 97.0 78.1 117.1

167 14.1 11.0 16.6

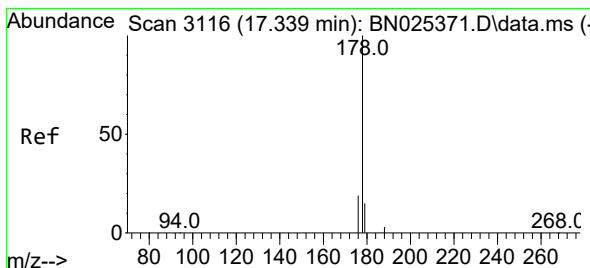
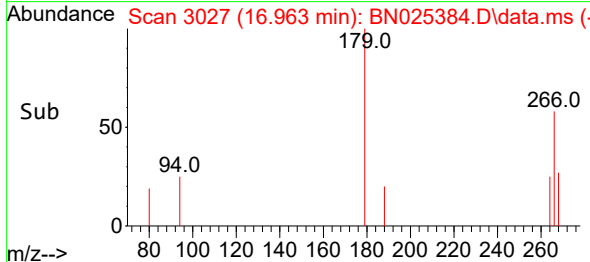
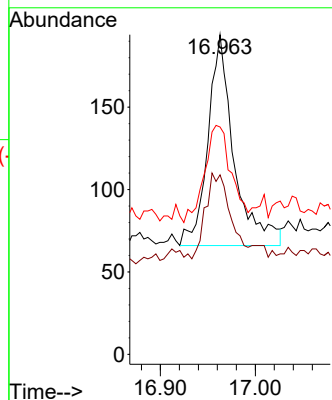
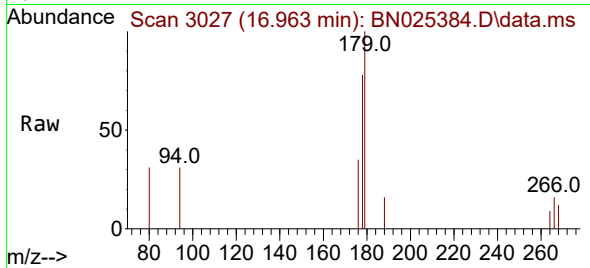




#14
 Pentachlorophenol
 Concen: 0.037 ng/ul
 RT: 16.963 min Scan# 3027
 Delta R.T. 0.004 min
 Lab File: BN025384.D
 Acq: 10 May 2023 17:19

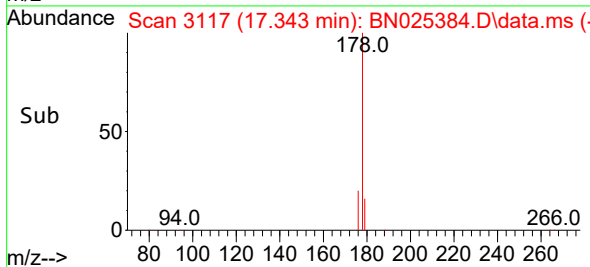
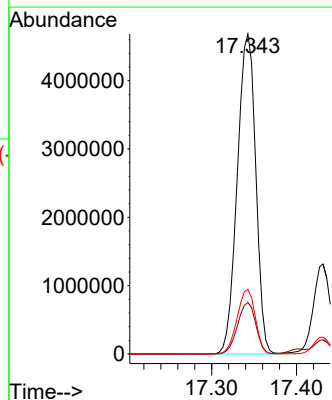
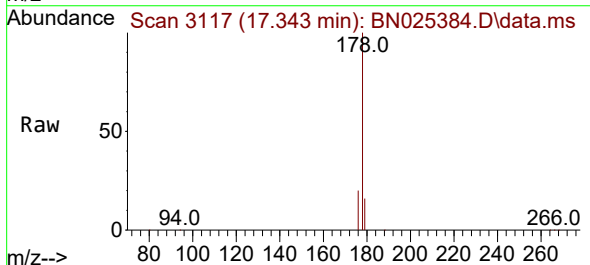
Instrument :
 BNA_N
 ClientSampleId :
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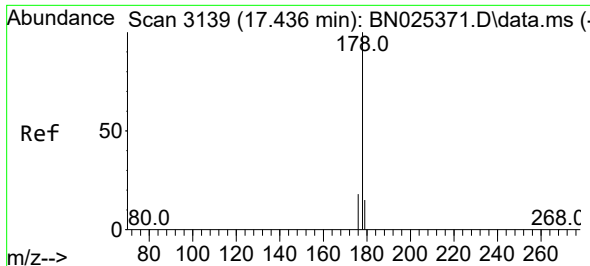
Tgt Ion:266 Resp: 245
 Ion Ratio Lower Upper
 266 100
 264 44.1 49.6 74.4#
 268 47.8 51.3 76.9#



#15
 Phenanthrene
 Concen: 73.917 ng/ul
 RT: 17.343 min Scan# 3117
 Delta R.T. 0.003 min
 Lab File: BN025384.D
 Acq: 10 May 2023 17:19

Tgt Ion:178 Resp: 7076501
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.5 18.7
 176 20.1 15.6 23.4

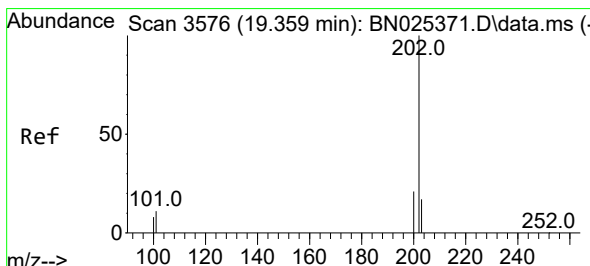
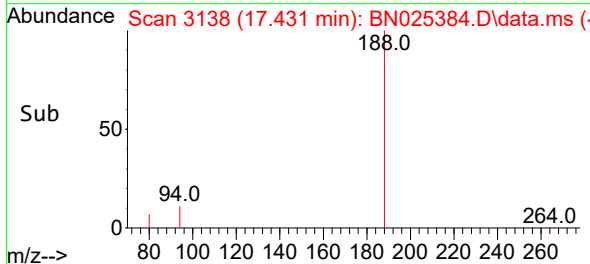
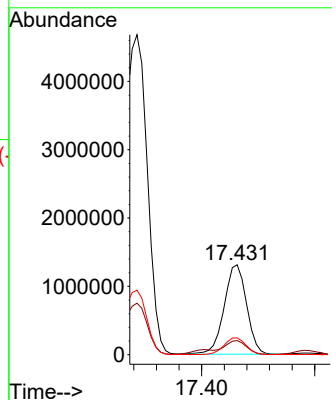
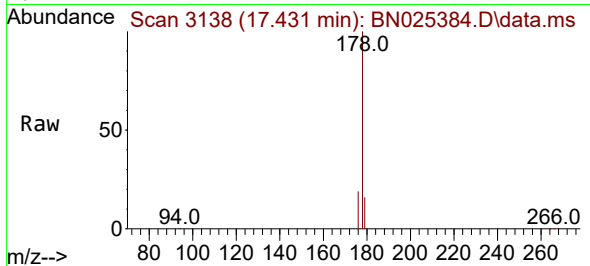




#16
 Anthracene
 Concen: 22.970 ng/ul
 RT: 17.431 min Scan# 3139
 Delta R.T. -0.001 min
 Lab File: BN025384.D
 Acq: 10 May 2023 17:19

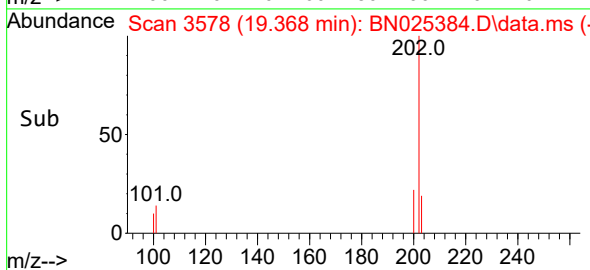
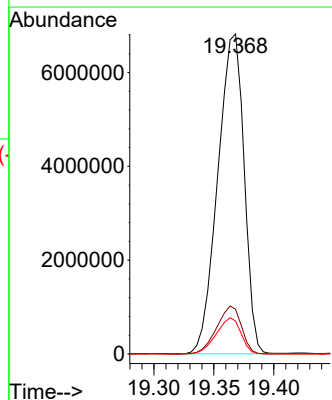
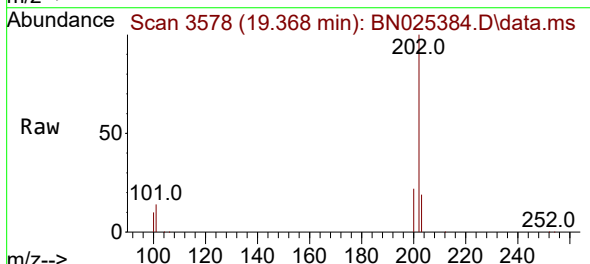
Instrument :
 BNA_N
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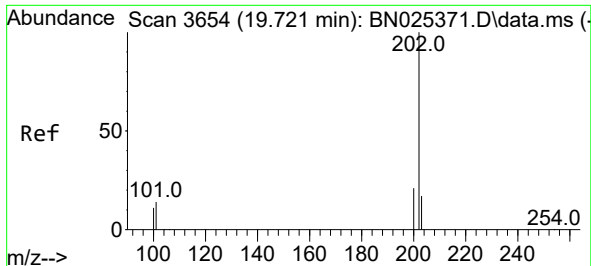
Tgt Ion:178 Resp: 1798950
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.7 19.1
 176 18.7 15.3 22.9



#19
 Fluoranthene
 Concen: 124.168 ng/ul
 RT: 19.368 min Scan# 3578
 Delta R.T. 0.009 min
 Lab File: BN025384.D
 Acq: 10 May 2023 17:19

Tgt Ion:202 Resp:10420323
 Ion Ratio Lower Upper
 202 100
 101 14.0 9.7 14.5
 100 10.2 7.3 10.9

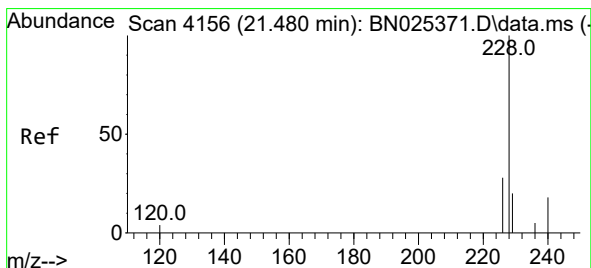
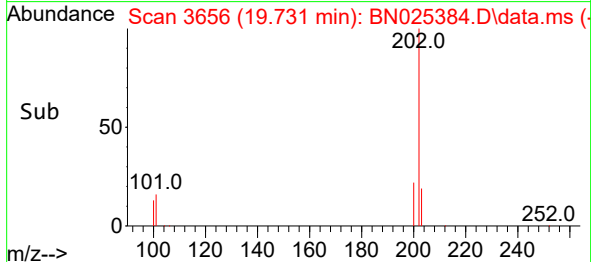
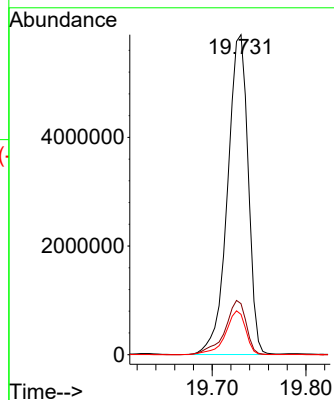
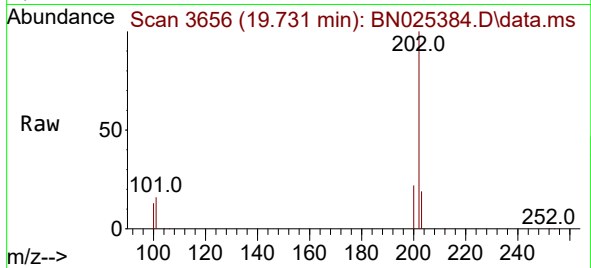




#20
 Pyrene
 Concen: 104.040 ng/ul
 RT: 19.731 min Scan# 3656
 Delta R.T. 0.009 min
 Lab File: BN025384.D
 Acq: 10 May 2023 17:19

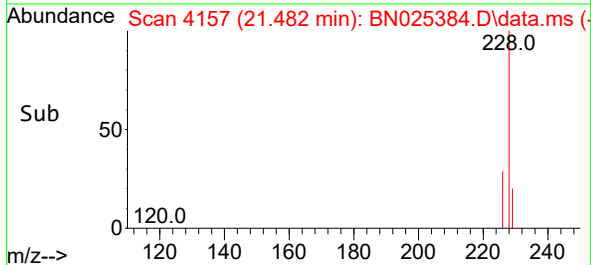
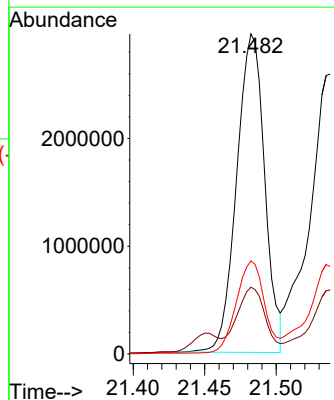
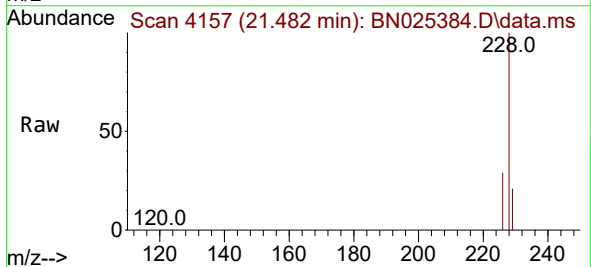
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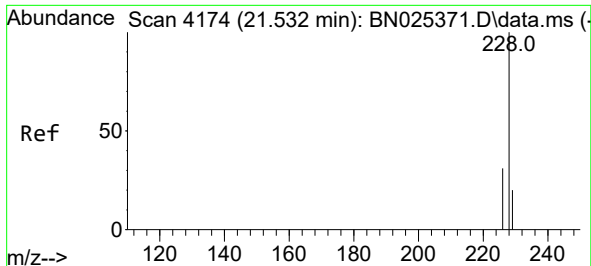
Tgt Ion:202 Resp: 8970703
 Ion Ratio Lower Upper
 202 100
 101 15.9 11.3 16.9
 100 12.6 9.2 13.8



#21
 Benzo(a)anthracene
 Concen: 57.716 ng/ul
 RT: 21.482 min Scan# 4157
 Delta R.T. 0.005 min
 Lab File: BN025384.D
 Acq: 10 May 2023 17:19

Tgt Ion:228 Resp: 4036185
 Ion Ratio Lower Upper
 228 100
 229 20.8 15.6 23.4
 226 29.1 22.1 33.1





#22

Chrysene

Concen: 52.328 ng/ul

RT: 21.538 min Scan# 4174

Delta R.T. 0.005 min

Lab File: BN025384.D

Acq: 10 May 2023 17:19

Instrument :

BNA_N

ClientSampleId :

EW974

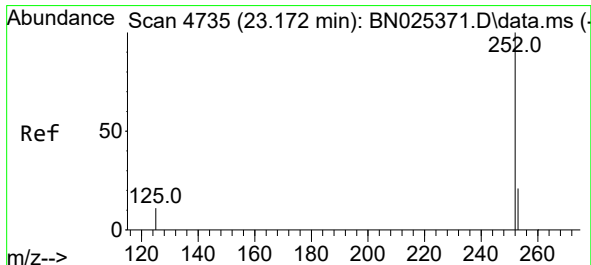
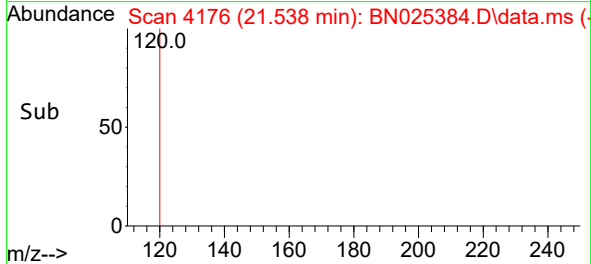
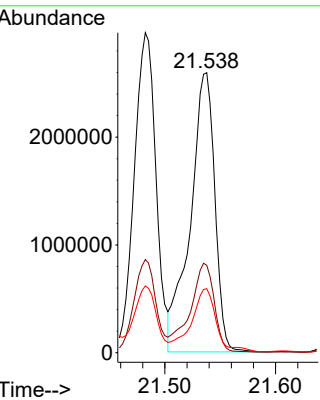
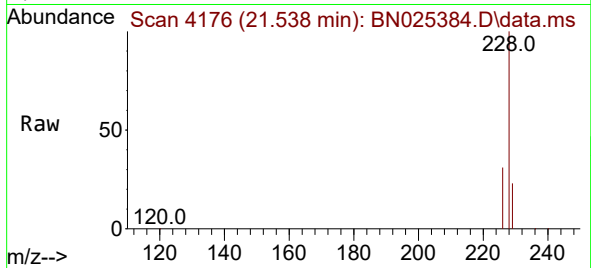
Tgt Ion:228 Resp: 3991867

Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

229 22.9 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 55.821 ng/ul

RT: 23.198 min Scan# 4744

Delta R.T. 0.014 min

Lab File: BN025384.D

Acq: 10 May 2023 17:19

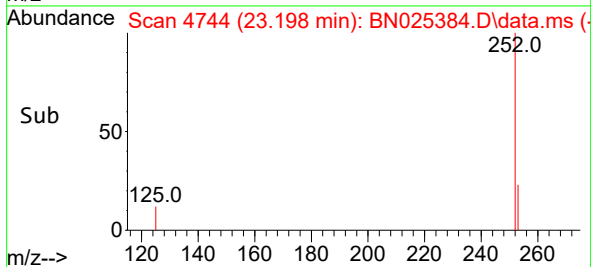
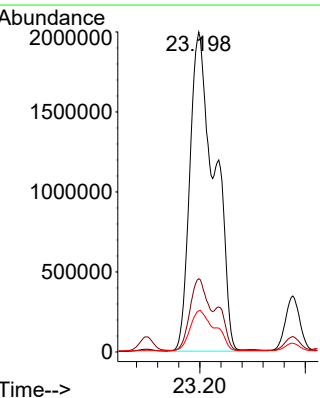
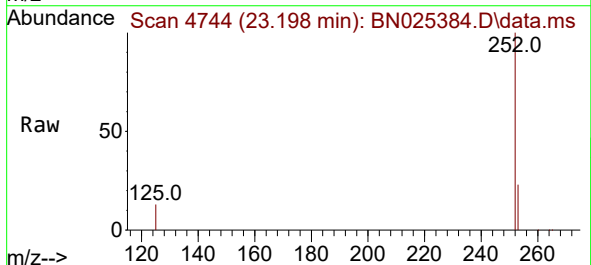
Tgt Ion:252 Resp: 6492540

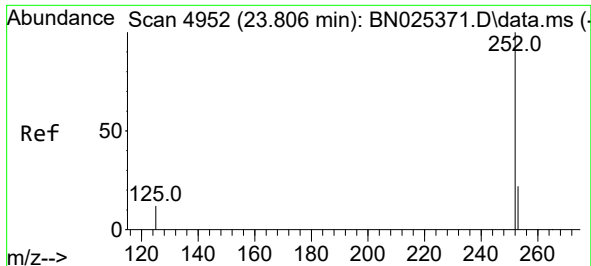
Ion Ratio Lower Upper

252 100

253 22.9 0.0 50.2

125 12.9 0.0 30.4

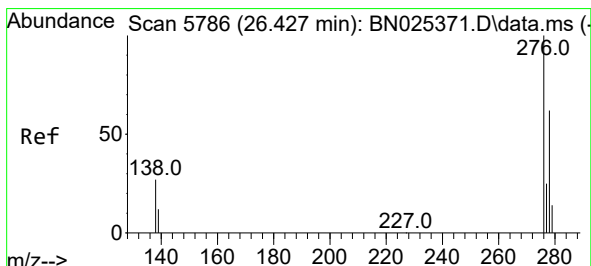
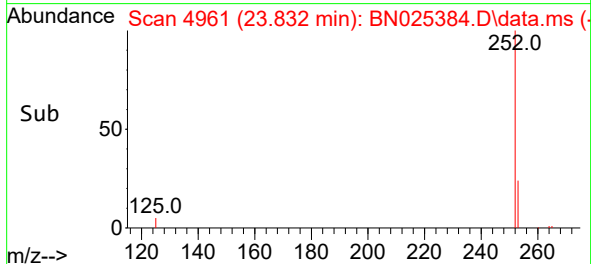
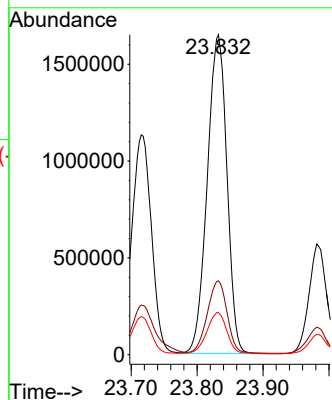
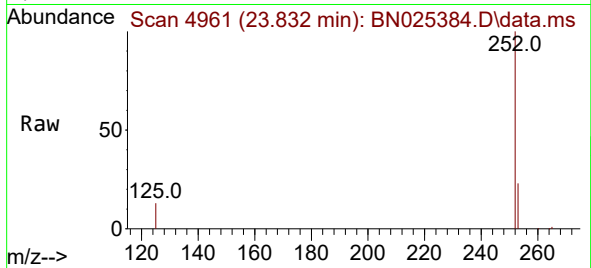




#26
Benzo(a)pyrene
Concen: 35.490 ng/ul
RT: 23.832 min Scan# 4952
Delta R.T. 0.014 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

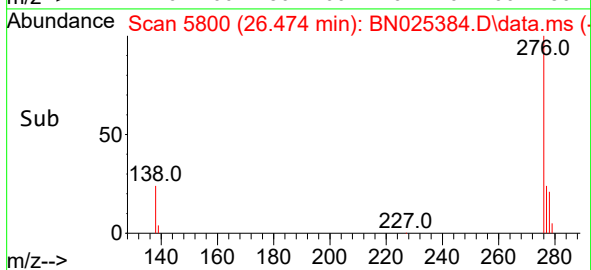
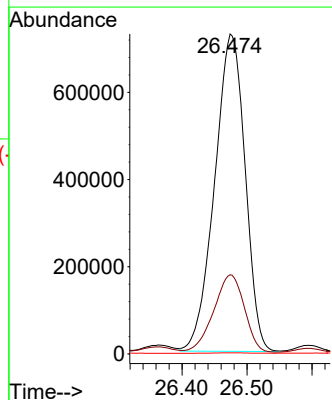
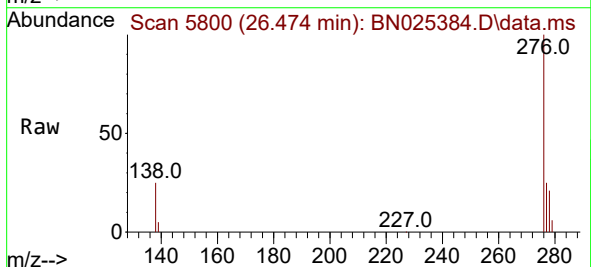
Instrument :
BNA_N
ClientSampleId :
EW974

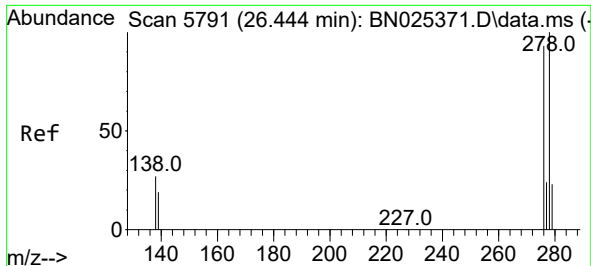
Tgt Ion:252 Resp: 3415294
Ion Ratio Lower Upper
252 100
253 23.1 21.4 32.2
125 13.2 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 21.370 ng/ul
RT: 26.474 min Scan# 5800
Delta R.T. 0.016 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

Tgt Ion:276 Resp: 2369440
Ion Ratio Lower Upper
276 100
138 24.5 21.9 32.9
227 0.2 0.1 0.1#

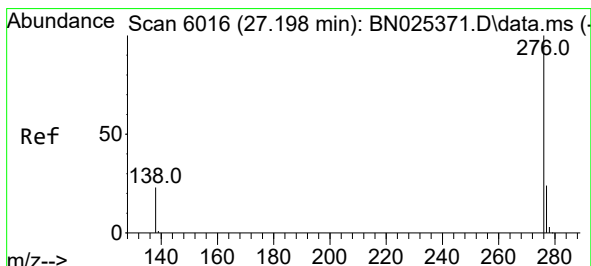
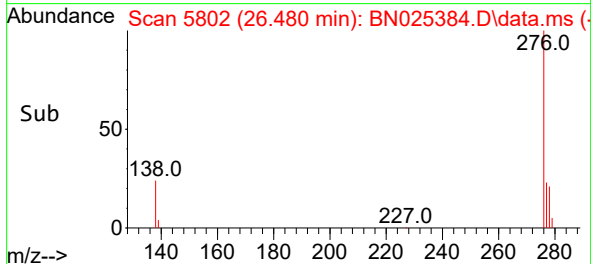
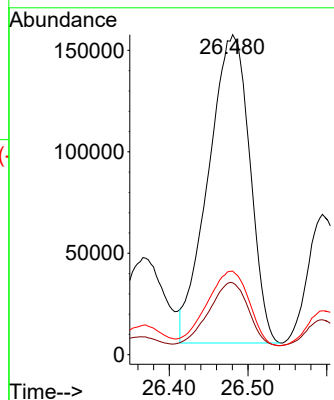
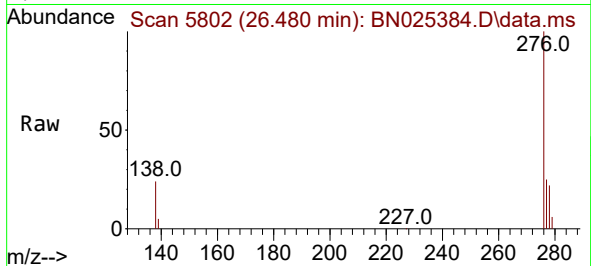




#28
Dibenzo(a,h)anthracene
Concen: 6.434 ng/ul
RT: 26.480 min Scan# 51
Delta R.T. 0.006 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

Instrument :
BNA_N
ClientSampleId :
EW974

Tgt Ion:278 Resp: 557197
Ion Ratio Lower Upper
278 100
139 22.5 17.0 25.6
279 26.1 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 20.792 ng/ul
RT: 27.259 min Scan# 6034
Delta R.T. 0.019 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

Tgt Ion:276 Resp: 1960208
Ion Ratio Lower Upper
276 100
138 25.2 20.3 30.5
277 24.2 19.8 29.6

