

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024166.D
 Acq On : 08 Mar 2023 13:44
 Operator : CG/JU
 Sample : SSTD0.478
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4239

Quant Time: Mar 09 00:50:07 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)

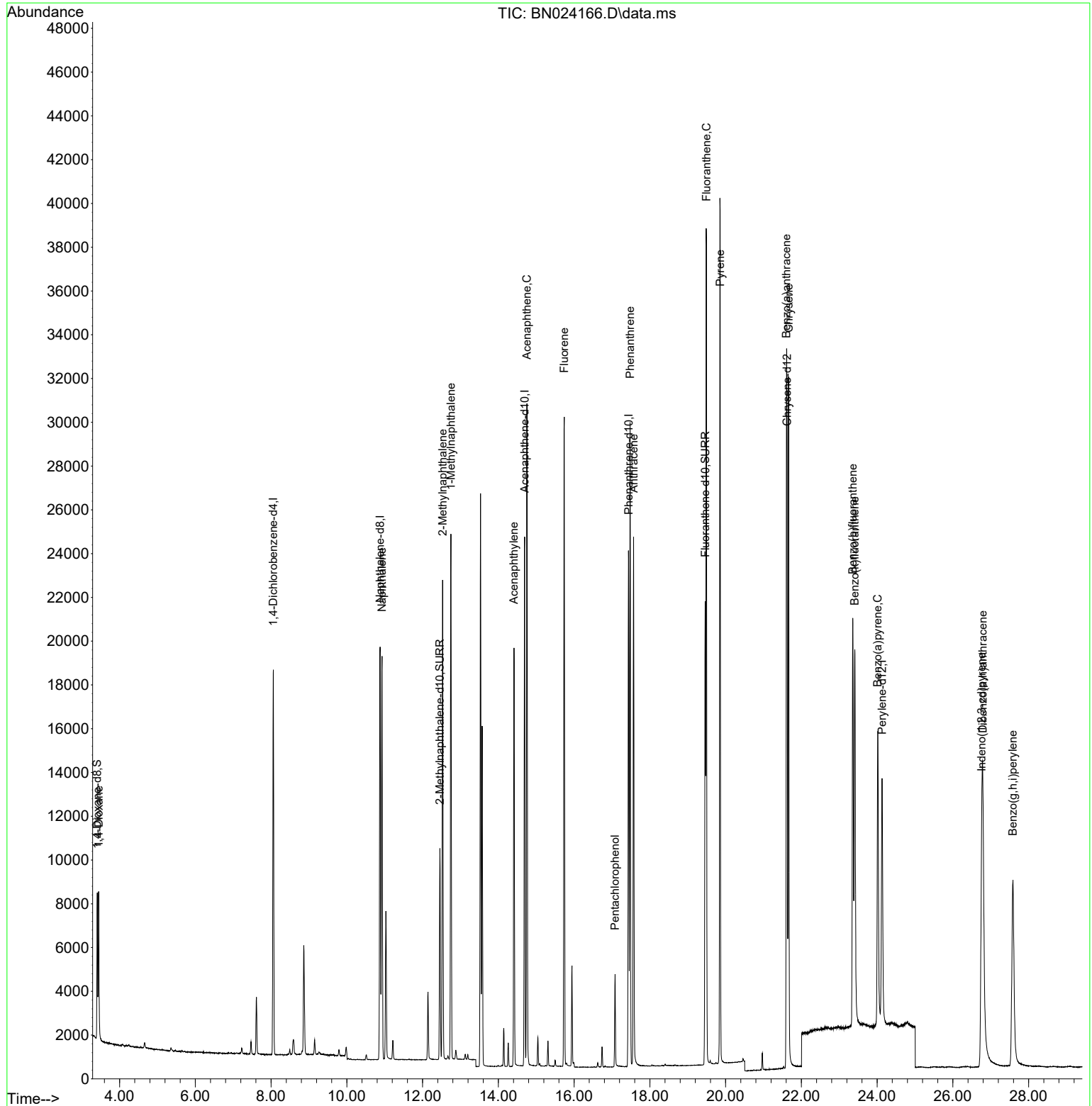
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	8837	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	24886	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.693	164	12870	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.439	188	26393	0.400	ng/ul	0.00
17) Chrysene-d12	21.624	240	20509	0.400	ng/ul	0.00
23) Perylene-d12	24.129	264	17637	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	4017	0.424	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	11889	0.305	ng/ul	0.00
18) Fluoranthene-d10	19.459	212	21458	0.389	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	4386	0.437	ng/ul	100
5) Naphthalene	10.927	128	25146	0.369	ng/ul	100
7) 2-Methylnaphthalene	12.527	142	15087	0.341	ng/ul	100
8) 1-Methylnaphthalene	12.747	142	15939	0.352	ng/ul	100
10) Acenaphthylene	14.411	152	21418	0.435	ng/ul	100
11) Acenaphthene	14.754	153	16726	0.386	ng/ul	100
12) Fluorene	15.739	166	18567	0.355	ng/ul	100
14) Pentachlorophenol	17.080	266	2697	0.310	ng/ul#	73
15) Phenanthrene	17.477	178	30526	0.388	ng/ul	100
16) Anthracene	17.569	178	26242	0.399	ng/ul	100
19) Fluoranthene	19.492	202	32104	0.471	ng/ul	100
20) Pyrene	19.854	202	32414	0.459	ng/ul	100
21) Benzo(a)anthracene	21.606	228	26412	0.379	ng/ul	100
22) Chrysene	21.662	228	28375	0.387	ng/ul	100
24) Benzo(b)fluoranthene	23.357	252	26397	0.339	ng/ul	100
25) Benzo(k)fluoranthene	23.410	252	27759	0.364	ng/ul	100
26) Benzo(a)pyrene	24.015	252	22773	0.351	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.760	276	26278	0.289	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.790	278	19916	0.273	ng/ul	100
29) Benzo(g,h,i)perylene	27.585	276	22691	0.303	ng/ul	100

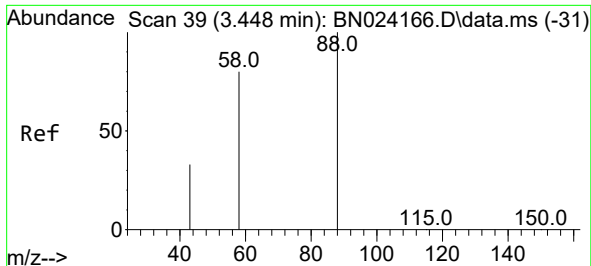
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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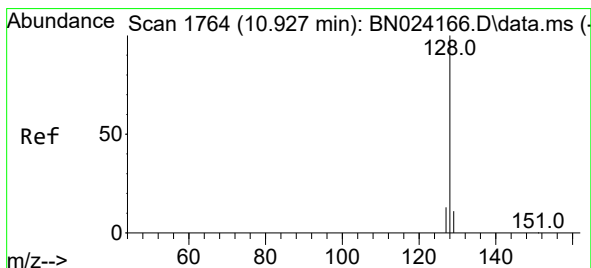
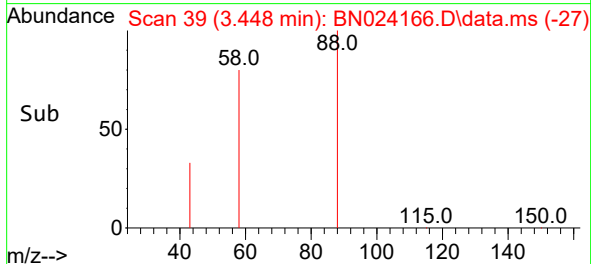
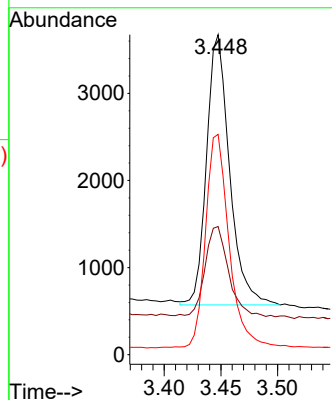
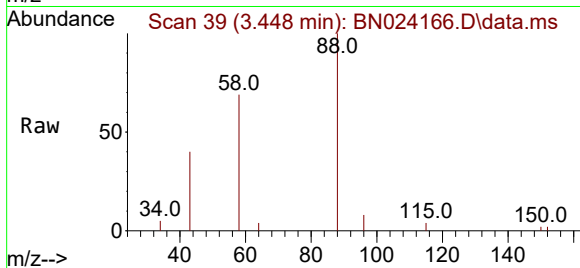




#2
1,4-Dioxane
Concen: 0.437 ng/ul
RT: 3.448 min Scan# 39
Delta R.T. 0.000 min
Lab File: BN024166.D
Acq: 08 Mar 2023 13:44

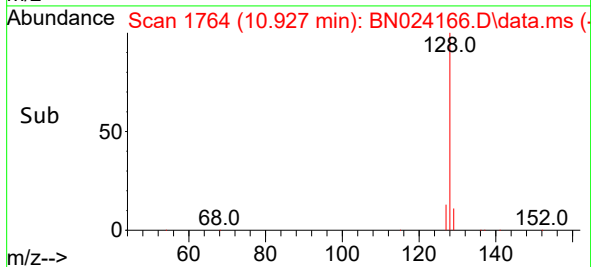
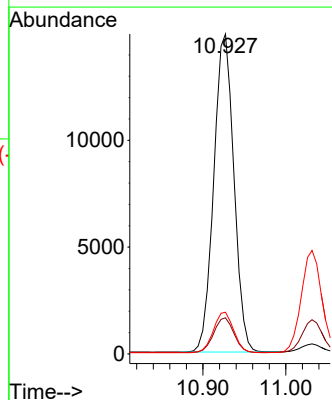
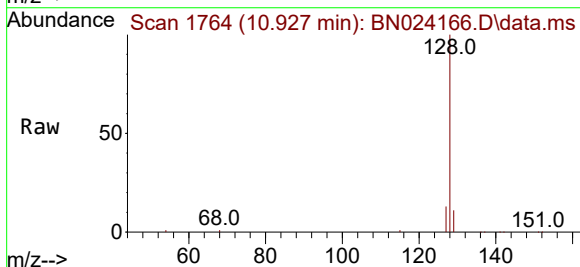
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

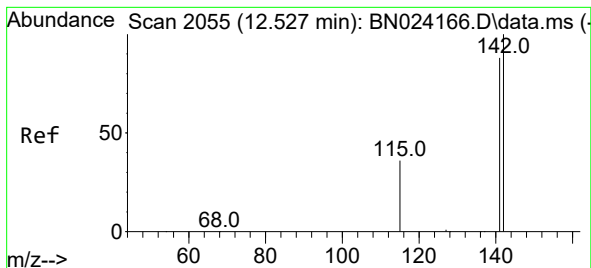
Tgt Ion: 88 Resp: 4386
Ion Ratio Lower Upper
88 100
43 40.1 32.1 48.1
58 68.9 55.1 82.7



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BN024166.D
Acq: 08 Mar 2023 13:44

Tgt Ion: 128 Resp: 25146
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.1 10.5 15.7

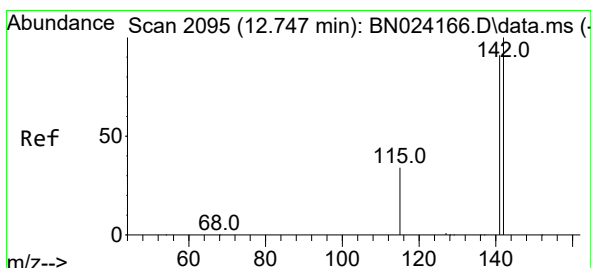
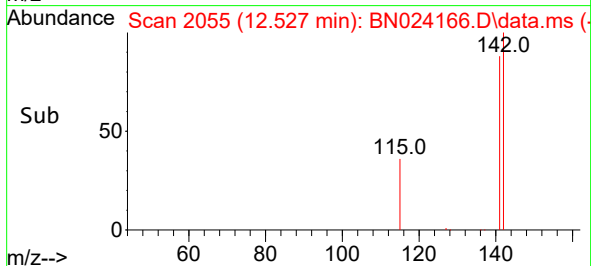
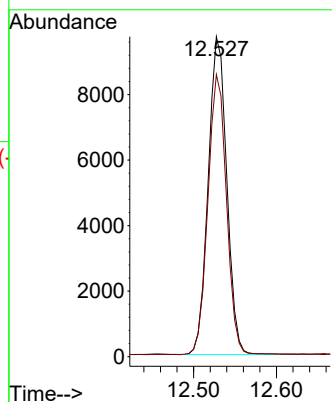
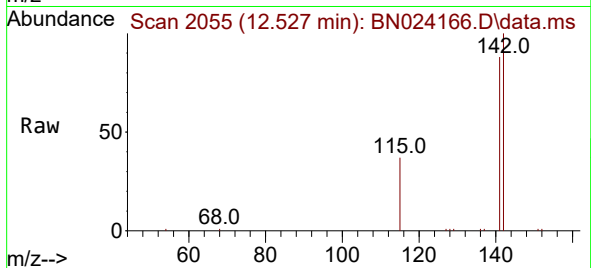




#7
2-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.527 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN024166.D
Acq: 08 Mar 2023 13:44

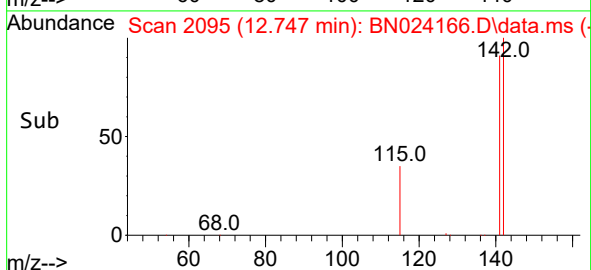
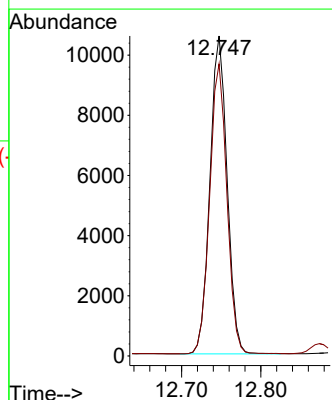
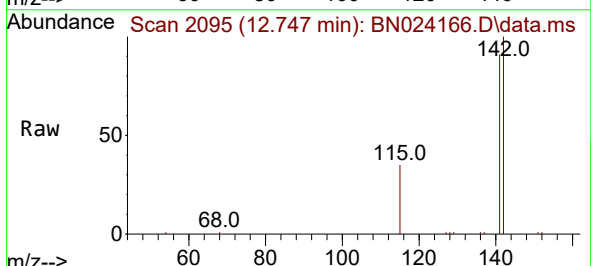
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

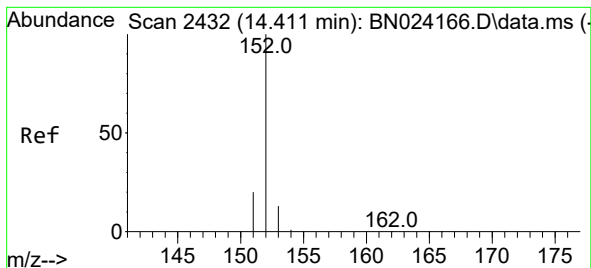
Tgt Ion:142 Resp: 15087
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.747 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BN024166.D
Acq: 08 Mar 2023 13:44

Tgt Ion:142 Resp: 15939
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.6





#10

Acenaphthylene

Concen: 0.435 ng/ul

RT: 14.411 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BN024166.D

Acq: 08 Mar 2023 13:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.4239

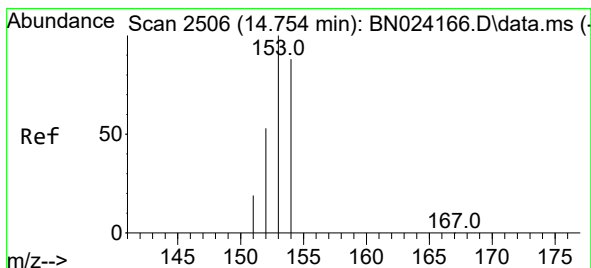
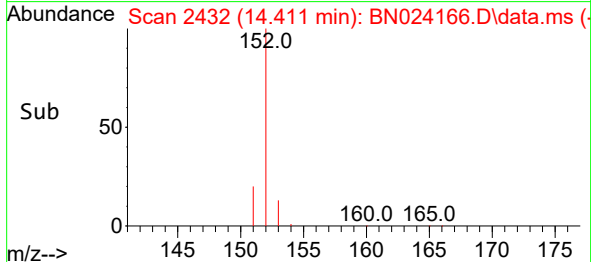
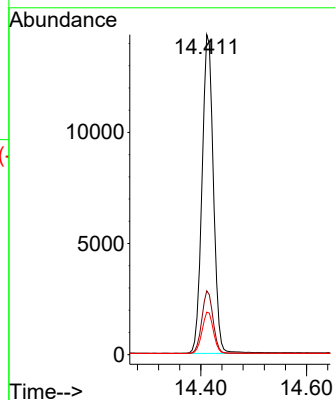
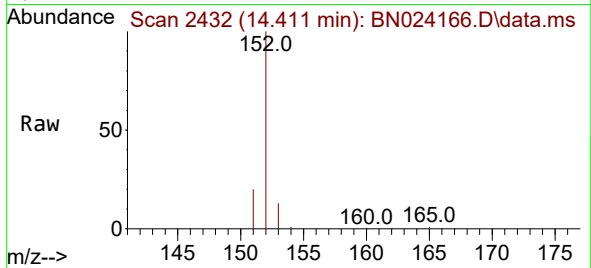
Tgt Ion:152 Resp: 21418

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.3 10.6 16.0



#11

Acenaphthene

Concen: 0.386 ng/ul

RT: 14.754 min Scan# 2506

Delta R.T. 0.000 min

Lab File: BN024166.D

Acq: 08 Mar 2023 13:44

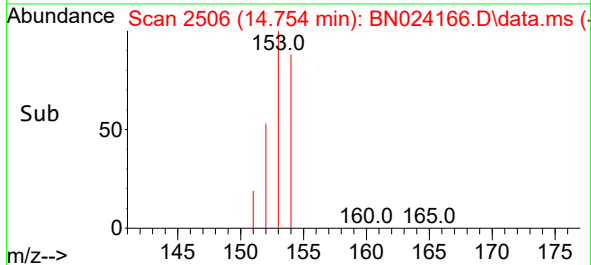
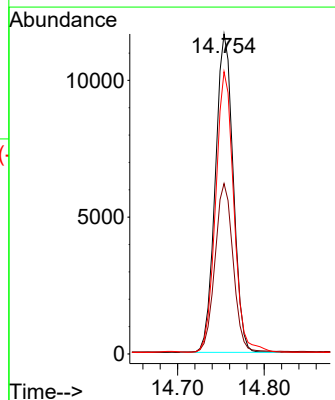
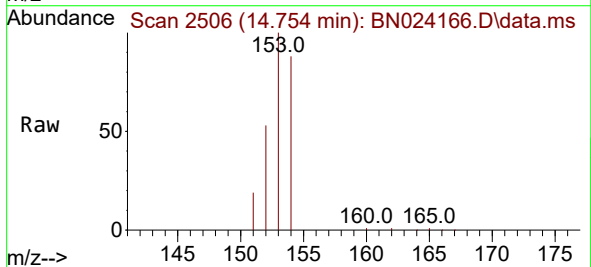
Tgt Ion:153 Resp: 16726

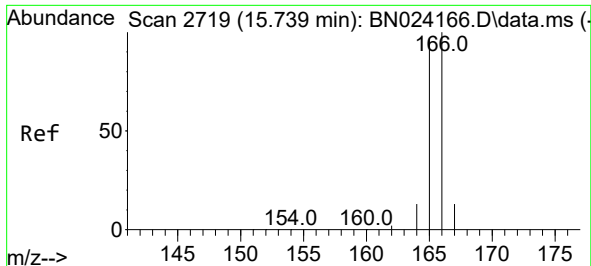
Ion Ratio Lower Upper

153 100

152 53.3 42.6 64.0

154 88.2 70.6 105.8

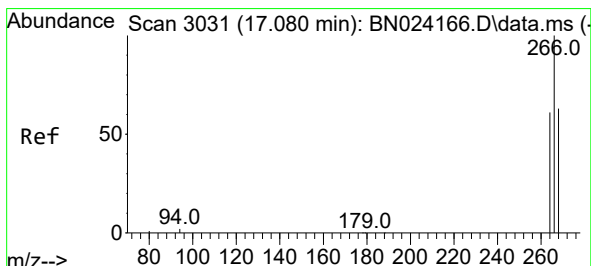
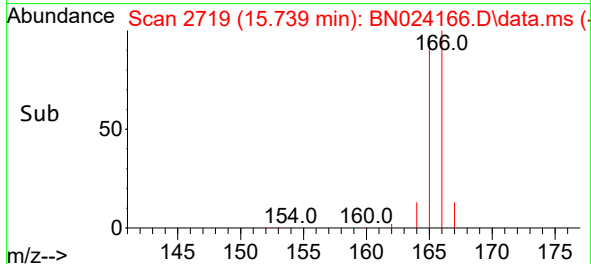
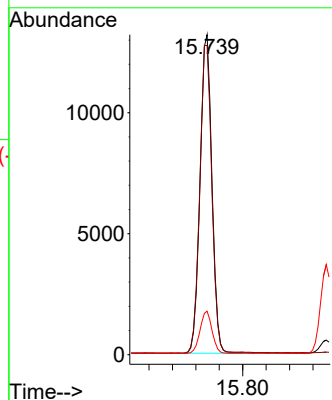
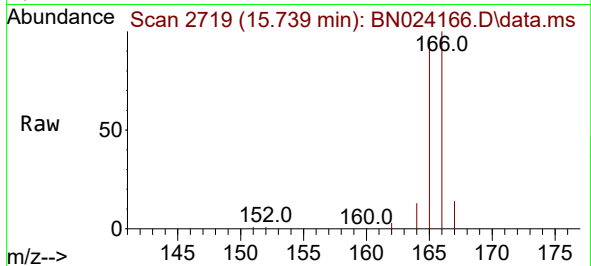




#12
Fluorene
Concen: 0.355 ng/ul
RT: 15.739 min Scan# 2719
Delta R.T. 0.000 min
Lab File: BN024166.D
Acq: 08 Mar 2023 13:44

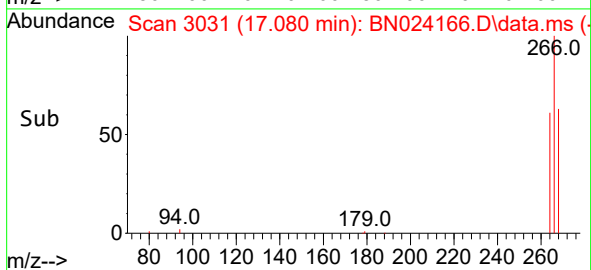
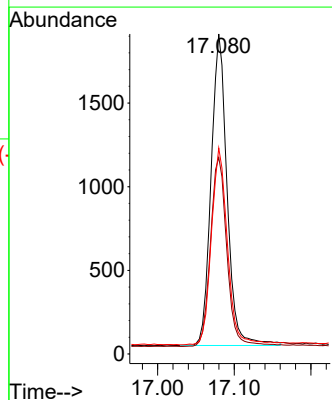
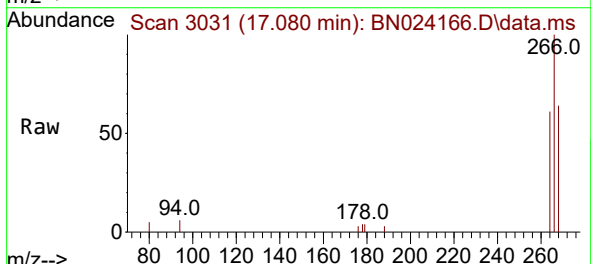
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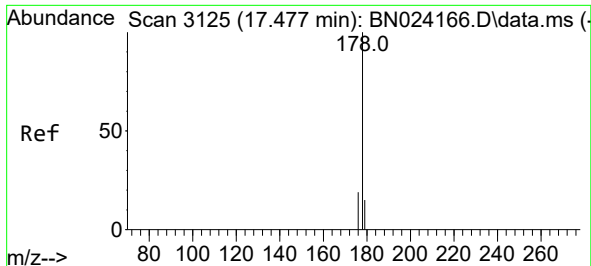
Tgt Ion:166 Resp: 18567
Ion Ratio Lower Upper
166 100
165 96.7 77.4 116.0
167 13.6 10.9 16.3



#14
Pentachlorophenol
Concen: 0.310 ng/ul
RT: 17.080 min Scan# 3031
Delta R.T. 0.000 min
Lab File: BN024166.D
Acq: 08 Mar 2023 13:44

Tgt Ion:266 Resp: 2697
Ion Ratio Lower Upper
266 100
264 62.6 0.0 0.0#
268 64.0 0.1 0.1#

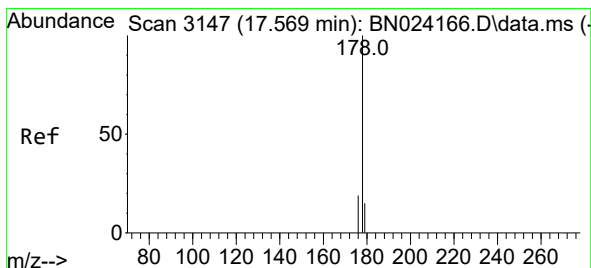
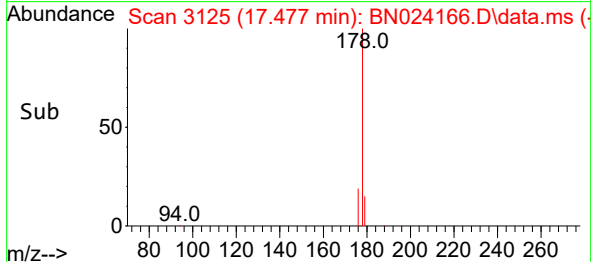
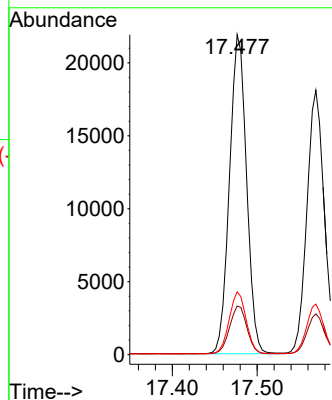
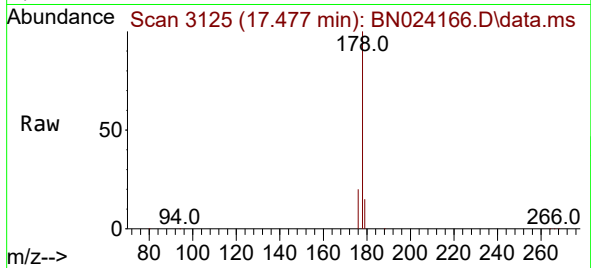




#15
Phenanthrene
Concen: 0.388 ng/ul
RT: 17.477 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BN024166.D
Acq: 08 Mar 2023 13:44

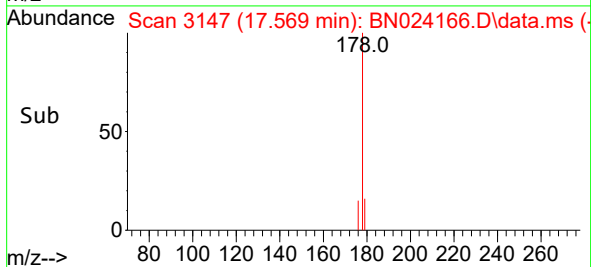
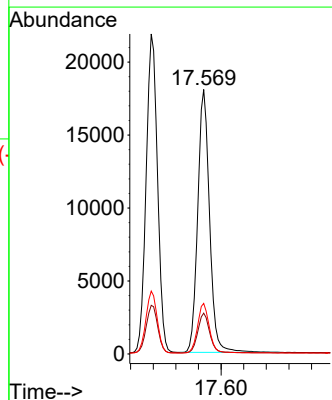
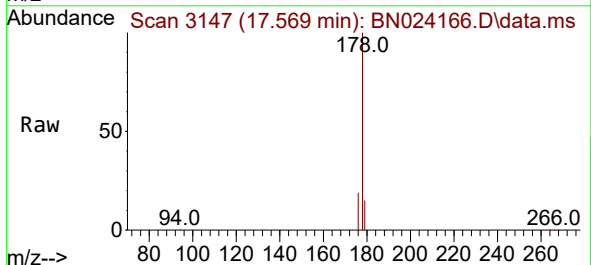
Instrument :
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ClientSampleId :
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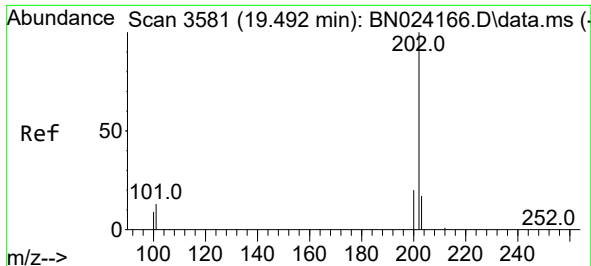
Tgt Ion:178 Resp: 30526
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.6 15.7 23.5



#16
Anthracene
Concen: 0.399 ng/ul
RT: 17.569 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BN024166.D
Acq: 08 Mar 2023 13:44

Tgt Ion:178 Resp: 26242
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.1 15.3 22.9

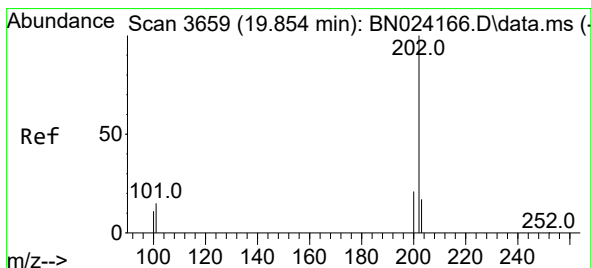
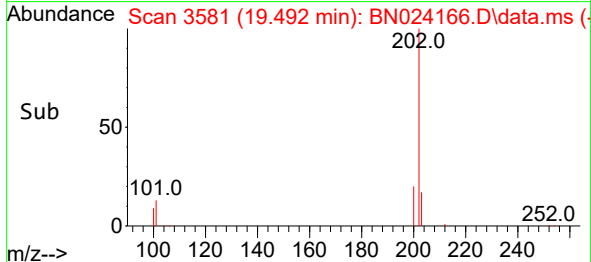
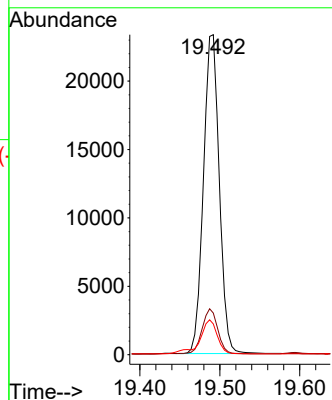
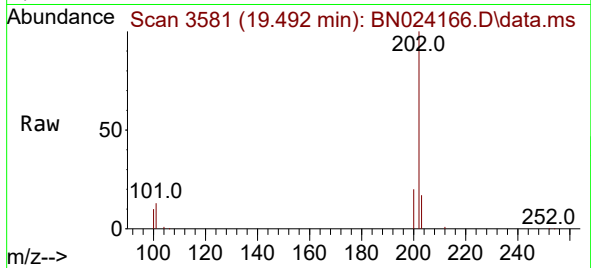




#19
Fluoranthene
Concen: 0.471 ng/ul
RT: 19.492 min Scan# 3581
Delta R.T. 0.000 min
Lab File: BN024166.D
Acq: 08 Mar 2023 13:44

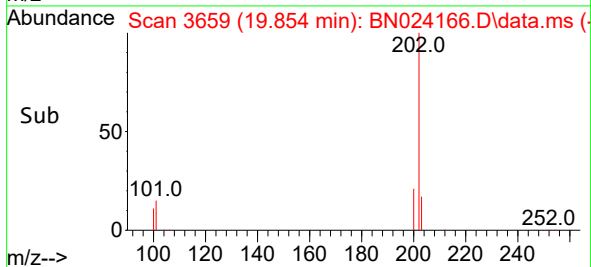
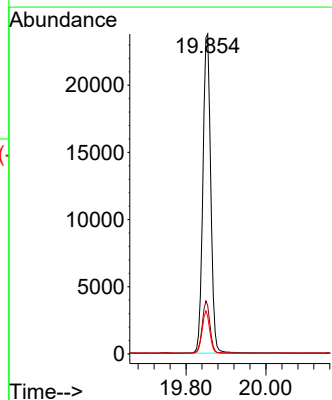
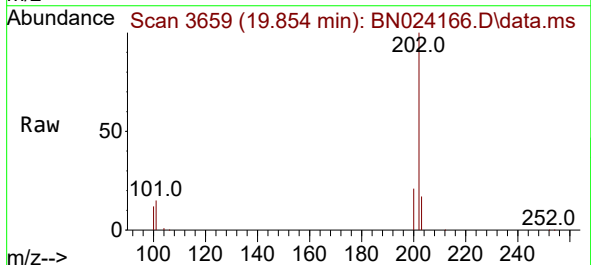
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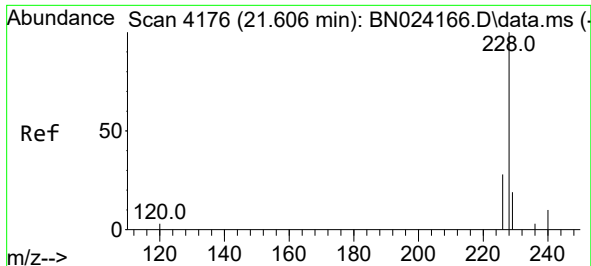
Tgt Ion:202 Resp: 32104
Ion Ratio Lower Upper
202 100
101 13.0 10.4 15.6
100 9.6 7.7 11.5



#20
Pyrene
Concen: 0.459 ng/ul
RT: 19.854 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BN024166.D
Acq: 08 Mar 2023 13:44

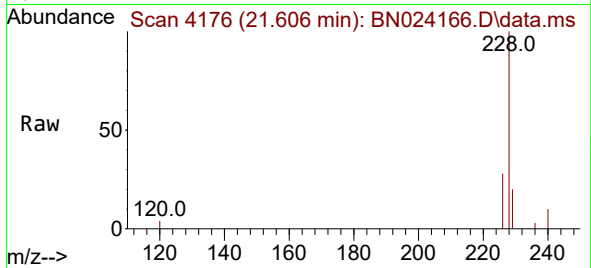
Tgt Ion:202 Resp: 32414
Ion Ratio Lower Upper
202 100
101 15.1 12.1 18.1
100 11.7 9.4 14.0



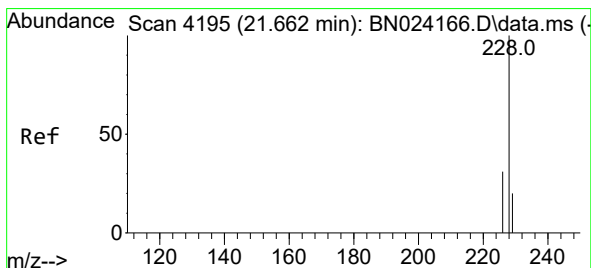
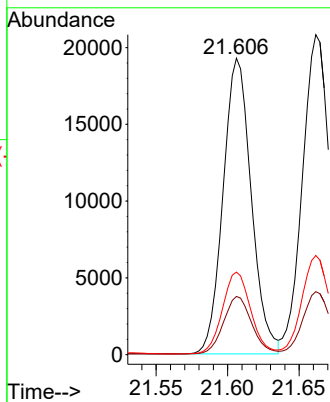
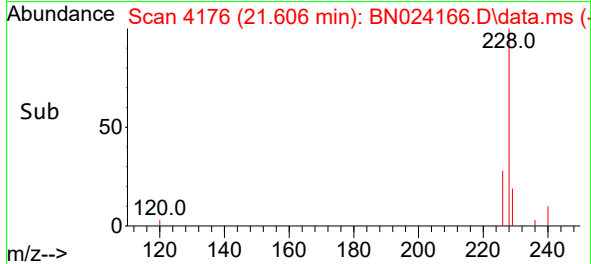


#21
Benzo(a)anthracene
Concen: 0.379 ng/ul
RT: 21.606 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BN024166.D
Acq: 08 Mar 2023 13:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

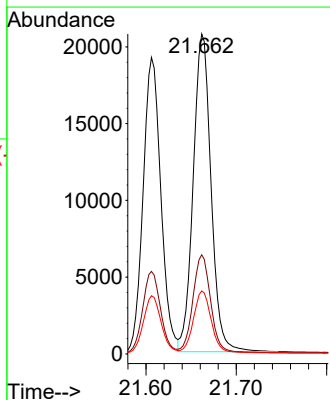
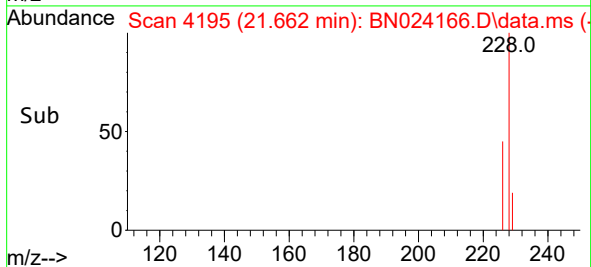
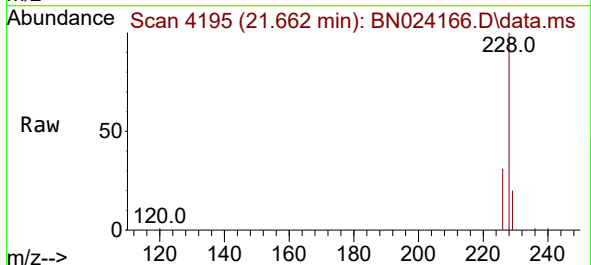


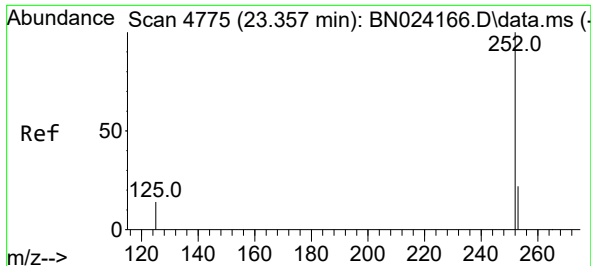
Tgt Ion:228 Resp: 26412
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.6
226 27.8 22.2 33.4



#22
Chrysene
Concen: 0.387 ng/ul
RT: 21.662 min Scan# 4195
Delta R.T. 0.000 min
Lab File: BN024166.D
Acq: 08 Mar 2023 13:44

Tgt Ion:228 Resp: 28375
Ion Ratio Lower Upper
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226 31.0 24.8 37.2
229 19.7 15.8 23.6

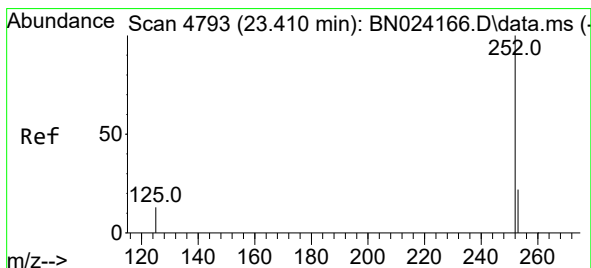
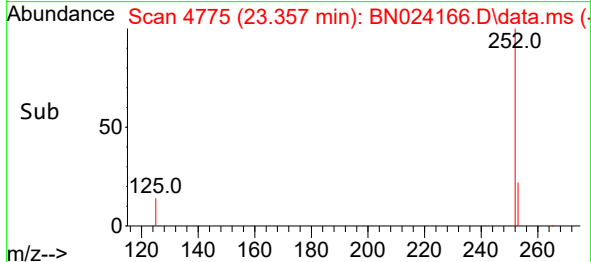
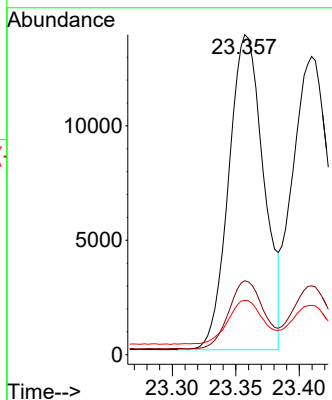
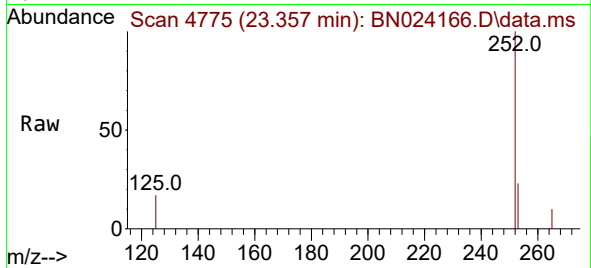




#24
Benzo(b)fluoranthene
Concen: 0.339 ng/ul
RT: 23.357 min Scan# 4775
Delta R.T. 0.000 min
Lab File: BN024166.D
Acq: 08 Mar 2023 13:44

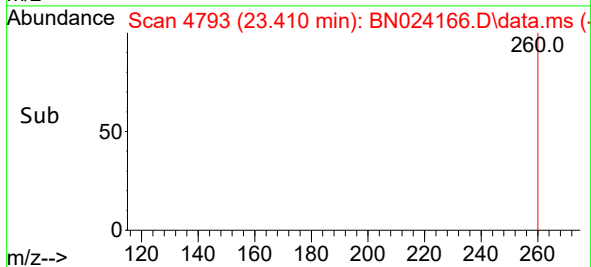
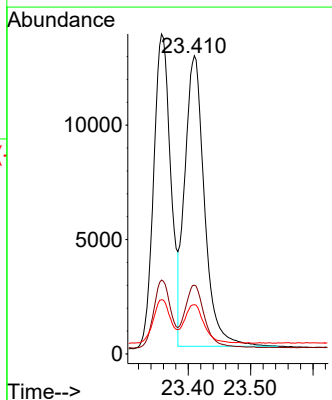
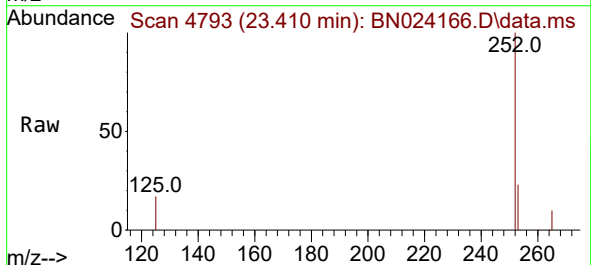
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

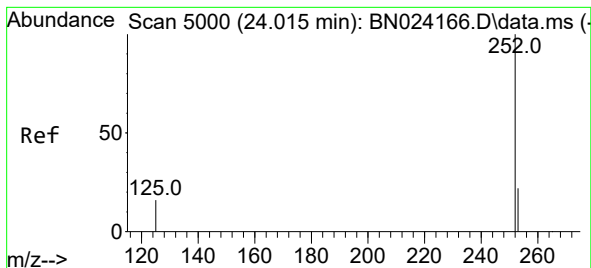
Tgt Ion:252 Resp: 26397
Ion Ratio Lower Upper
252 100
253 23.1 0.0 46.2
125 17.0 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul
RT: 23.410 min Scan# 4793
Delta R.T. 0.000 min
Lab File: BN024166.D
Acq: 08 Mar 2023 13:44

Tgt Ion:252 Resp: 27759
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 16.5 13.2 19.8





#26

Benzo(a)pyrene

Concen: 0.351 ng/ul

RT: 24.015 min Scan# 5000

Delta R.T. 0.000 min

Lab File: BN024166.D

Acq: 08 Mar 2023 13:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.4239

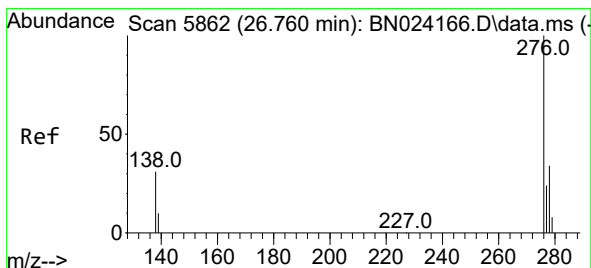
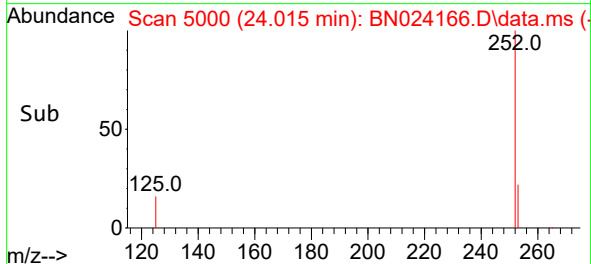
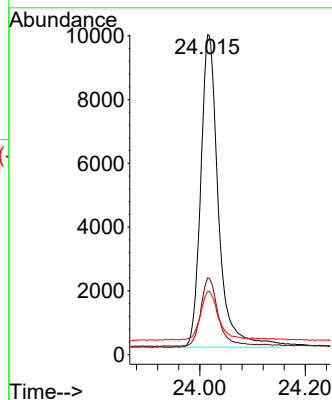
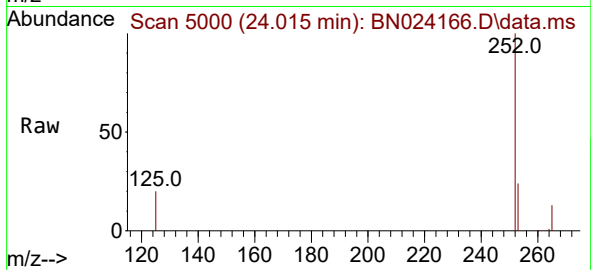
Tgt Ion:252 Resp: 22773

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

125 19.7 15.8 23.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.289 ng/ul

RT: 26.760 min Scan# 5862

Delta R.T. 0.000 min

Lab File: BN024166.D

Acq: 08 Mar 2023 13:44

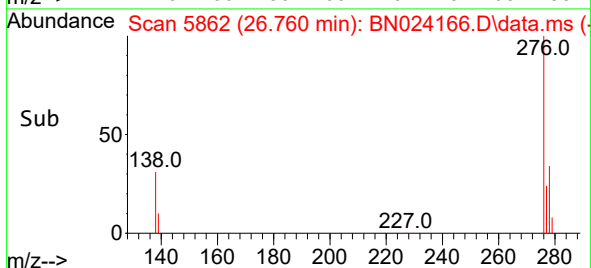
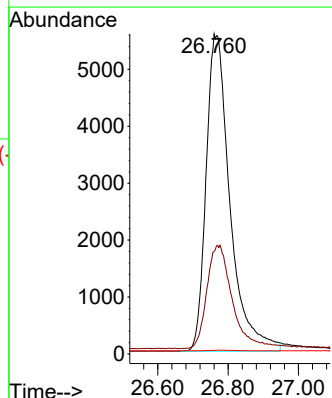
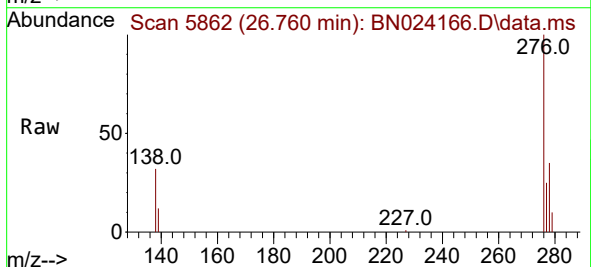
Tgt Ion:276 Resp: 26278

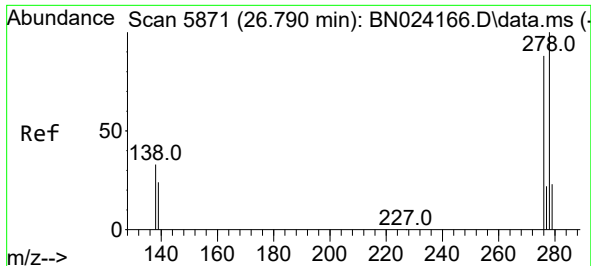
Ion Ratio Lower Upper

276 100

138 34.8 0.0 0.0#

227 0.2 0.0 0.0#

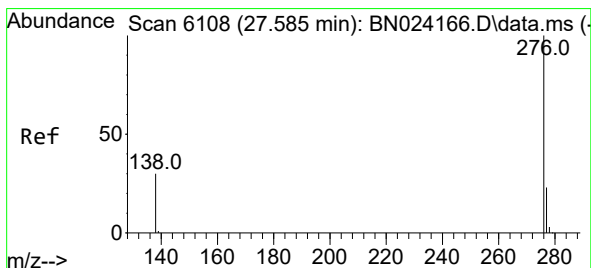
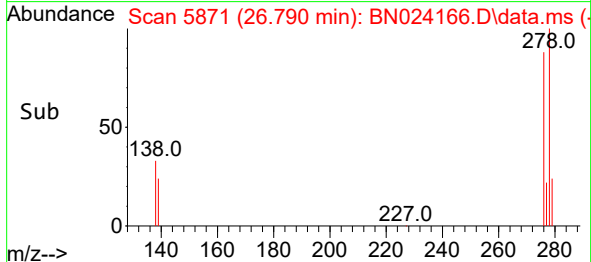
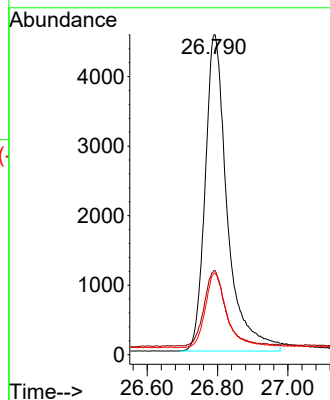
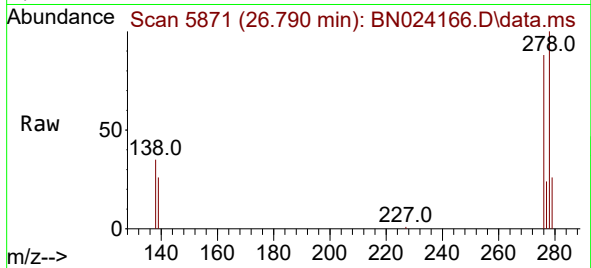




#28
Dibenzo(a,h)anthracene
Concen: 0.273 ng/ul
RT: 26.790 min Scan# 5871
Delta R.T. 0.000 min
Lab File: BN024166.D
Acq: 08 Mar 2023 13:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

Tgt Ion:278 Resp: 19916
Ion Ratio Lower Upper
278 100
139 26.3 21.0 31.6
279 25.5 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.303 ng/ul
RT: 27.585 min Scan# 6108
Delta R.T. 0.000 min
Lab File: BN024166.D
Acq: 08 Mar 2023 13:44

Tgt Ion:276 Resp: 22691
Ion Ratio Lower Upper
276 100
138 31.5 25.2 37.8
277 24.3 19.4 29.2

