

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060923\
 Data File : BN025772.D
 Acq On : 09 Jun 2023 12:19
 Operator : MA/JU
 Sample : SSTD0.202
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.2217

Quant Time: Jun 10 01:44:49 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 01:44:09 2023
 Response via : Initial Calibration

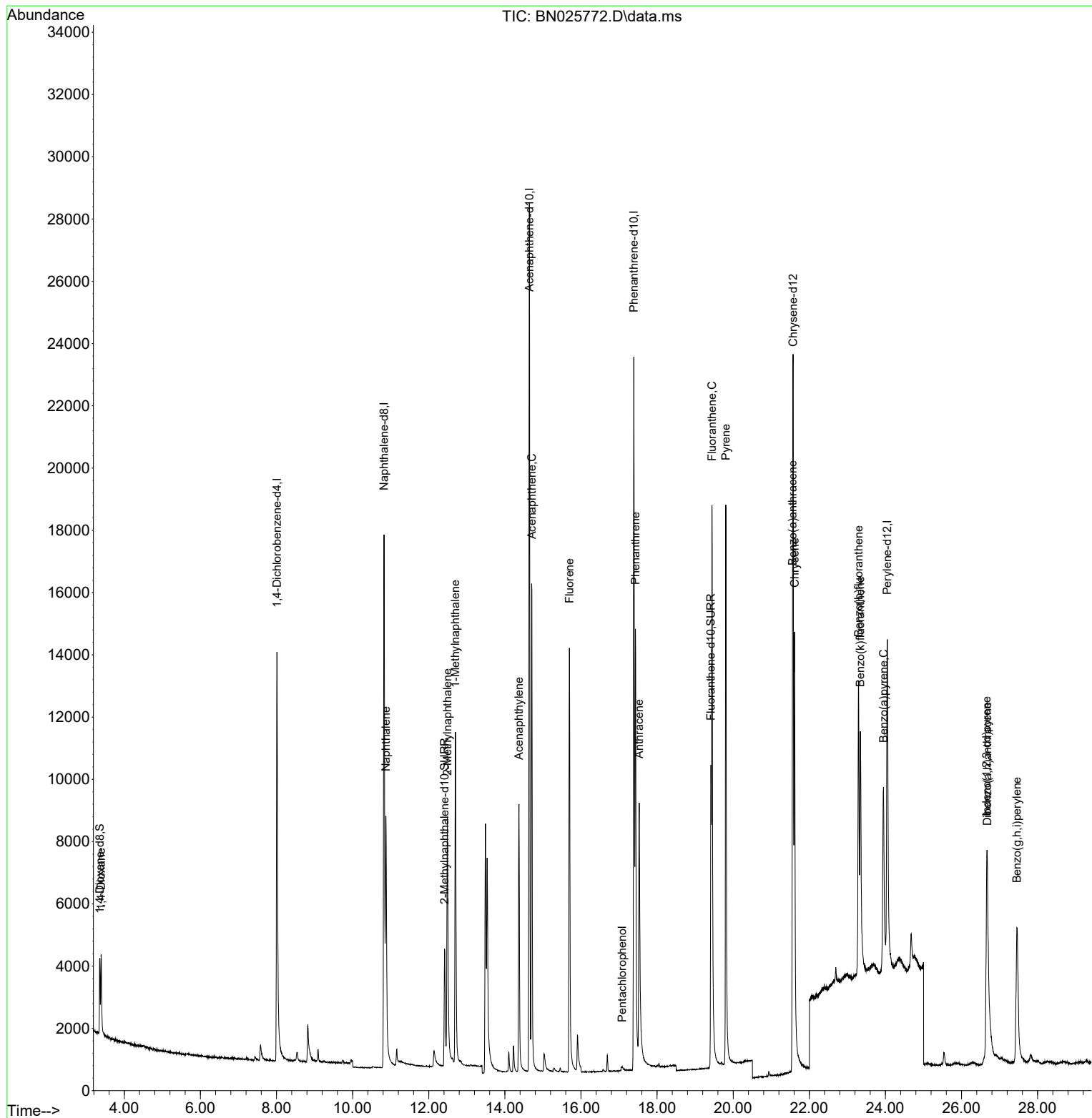
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	9384	0.400	ng/ul	0.00
4) Naphthalene-d8	10.825	136	28064	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.644	164	16230	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.389	188	31375	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	20877	0.400	ng/ul	0.00
23) Perylene-d12	24.049	264	17092	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	1789	0.194	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.414	152	6445	0.181	ng/ul	0.00
18) Fluoranthene-d10	19.415	212	12795	0.194	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	1878	0.190	ng/ul	89
5) Naphthalene	10.875	128	13428	0.188	ng/ul	99
7) 2-Methylnaphthalene	12.491	142	7762	0.181	ng/ul	100
8) 1-Methylnaphthalene	12.700	142	8749	0.185	ng/ul	100
10) Acenaphthylene	14.371	152	11704	0.182	ng/ul	99
11) Acenaphthene	14.704	153	10042	0.188	ng/ul	99
12) Fluorene	15.694	166	10977	0.184	ng/ul	100
14) Pentachlorophenol	17.081	266	230	0.068	ng/ul	98
15) Phenanthrene	17.431	178	17328	0.189	ng/ul	99
16) Anthracene	17.528	178	13890	0.180	ng/ul	98
19) Fluoranthene	19.442	202	18401	0.193	ng/ul	99
20) Pyrene	19.805	202	19224	0.194	ng/ul	99
21) Benzo(a)anthracene	21.558	228	12191	0.183	ng/ul	99
22) Chrysene	21.614	228	14865	0.195	ng/ul	98
24) Benzo(b)fluoranthene	23.294	252	13085	0.187	ng/ul	89
25) Benzo(k)fluoranthene	23.341	252	13231	0.189	ng/ul#	86
26) Benzo(a)pyrene	23.949	252	11175	0.189	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.662	276	12443	0.184	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.682	278	9201	0.180	ng/ul#	88
29) Benzo(g,h,i)perylene	27.456	276	11560	0.191	ng/ul	97

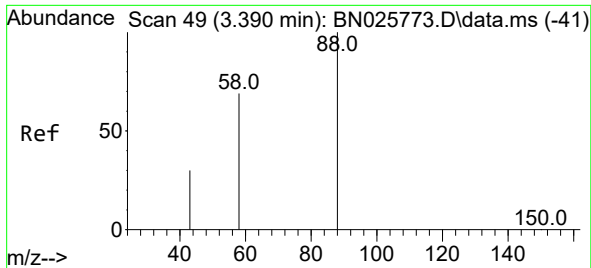
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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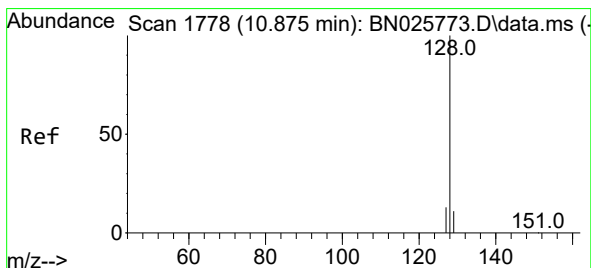
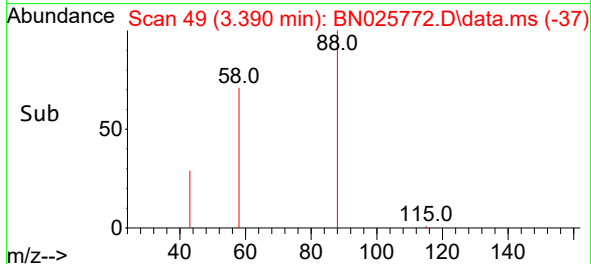
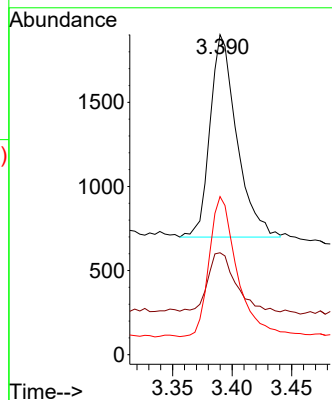
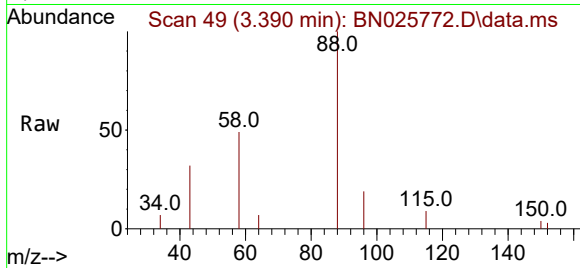




#2
1,4-Dioxane
Concen: 0.190 ng/ul
RT: 3.390 min Scan# 49
Delta R.T. -0.000 min
Lab File: BN025772.D
Acq: 09 Jun 2023 12:19

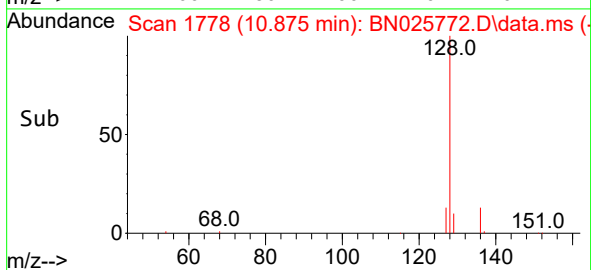
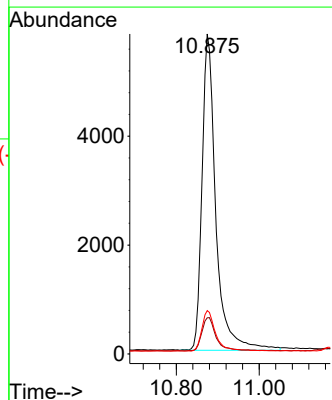
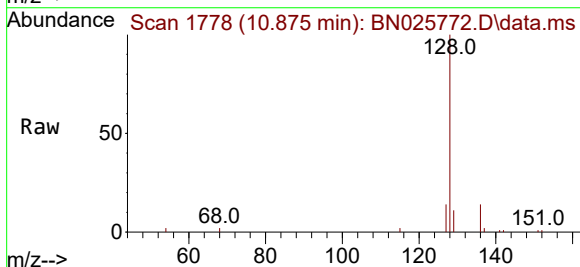
Instrument :
BNA_N
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SSTD0.2217

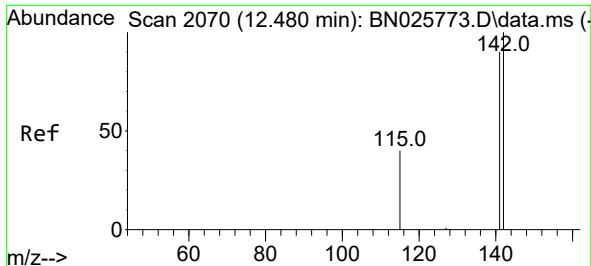
Tgt Ion: 88 Resp: 1878
Ion Ratio Lower Upper
88 100
43 31.9 26.5 39.7
58 49.4 49.0 73.6



#5
Naphthalene
Concen: 0.188 ng/ul
RT: 10.875 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BN025772.D
Acq: 09 Jun 2023 12:19

Tgt Ion: 128 Resp: 13428
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.6 10.5 15.7

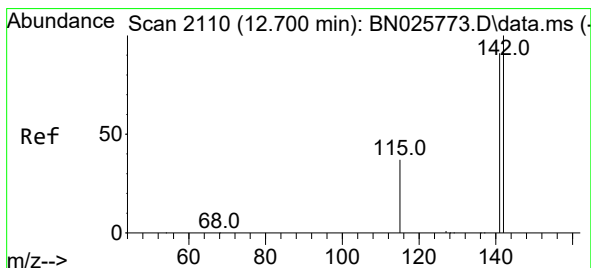
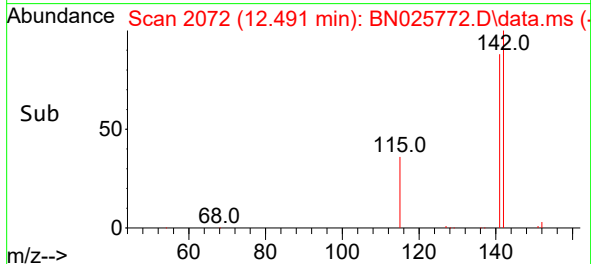
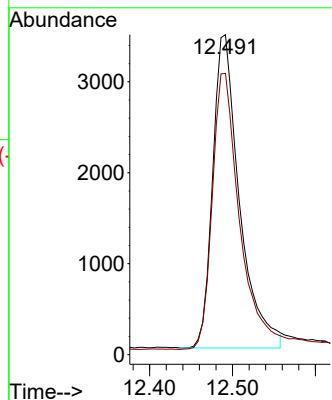
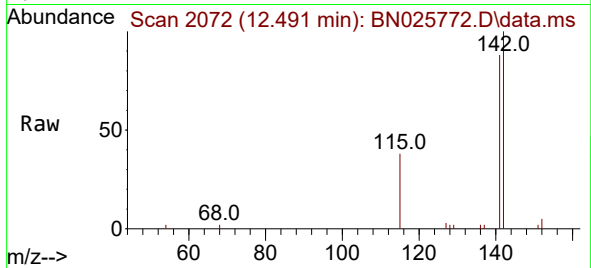




#7
2-Methylnaphthalene
Concen: 0.181 ng/ul
RT: 12.491 min Scan# 2070
Delta R.T. 0.011 min
Lab File: BN025772.D
Acq: 09 Jun 2023 12:19

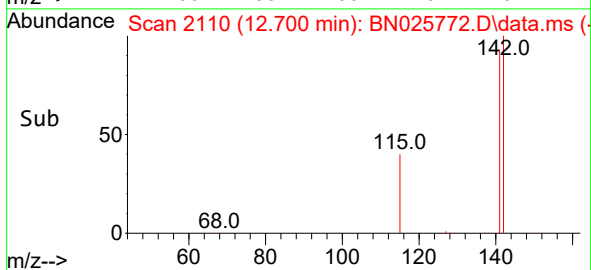
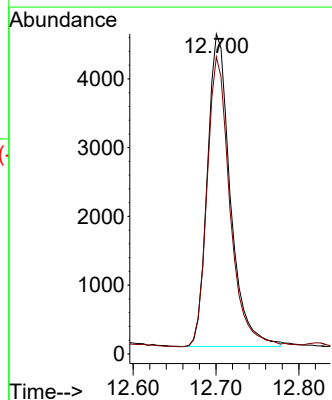
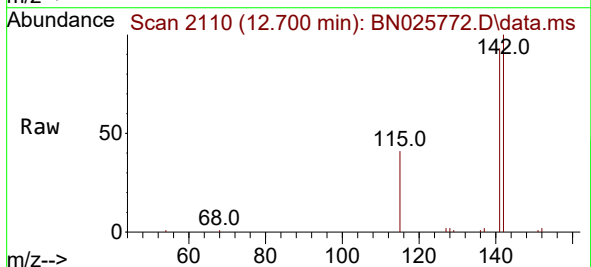
Instrument :
BNA_N
ClientSampleId :
SSTD0.2217

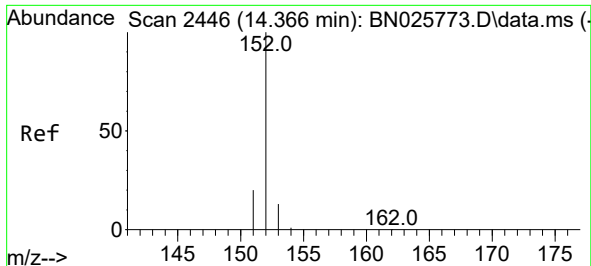
Tgt Ion:142 Resp: 7762
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.185 ng/ul
RT: 12.700 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN025772.D
Acq: 09 Jun 2023 12:19

Tgt Ion:142 Resp: 8749
Ion Ratio Lower Upper
142 100
141 92.5 74.0 111.0

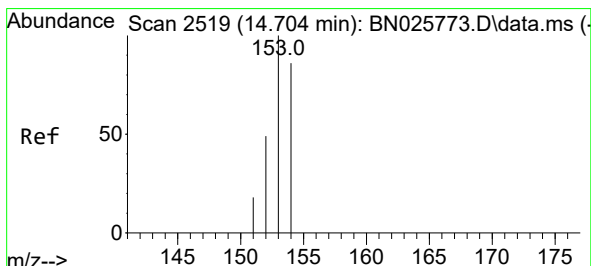
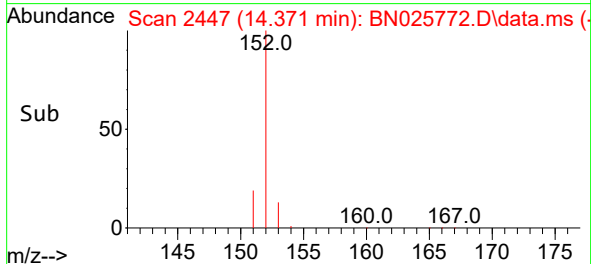
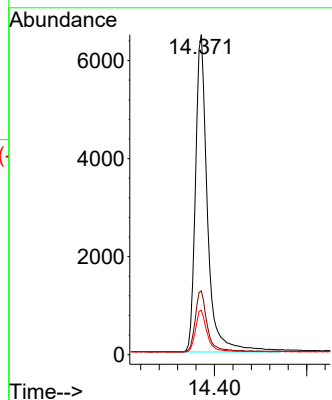
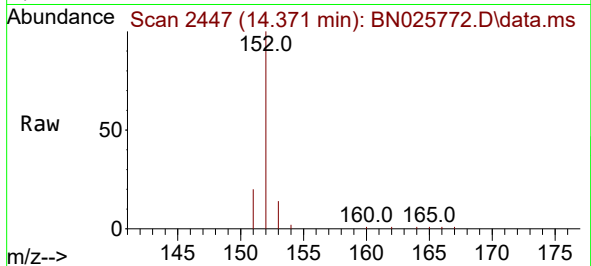




#10
Acenaphthylene
Concen: 0.182 ng/ul
RT: 14.371 min Scan# 2447
Delta R.T. 0.005 min
Lab File: BN025772.D
Acq: 09 Jun 2023 12:19

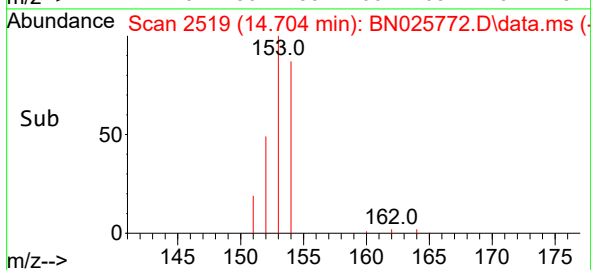
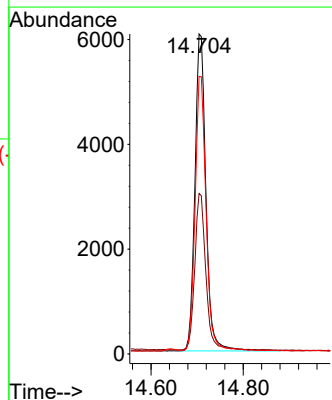
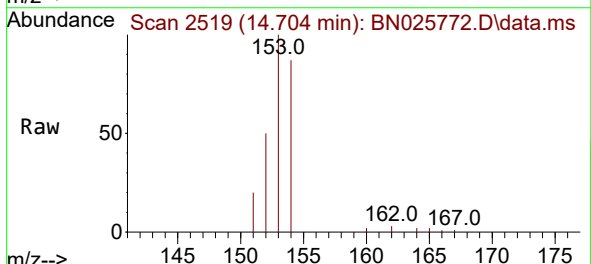
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ClientSampleId :
SSTD0.2217

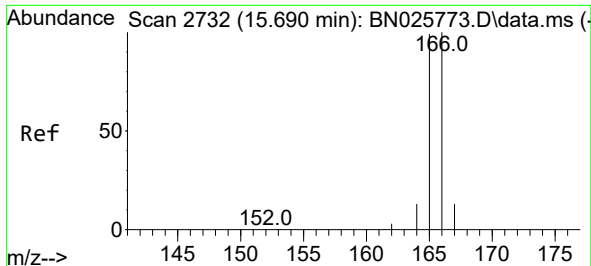
Tgt Ion:152 Resp: 11704
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.9 10.7 16.1



#11
Acenaphthene
Concen: 0.188 ng/ul
RT: 14.704 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN025772.D
Acq: 09 Jun 2023 12:19

Tgt Ion:153 Resp: 10042
Ion Ratio Lower Upper
153 100
152 50.2 39.5 59.3
154 86.7 68.8 103.2

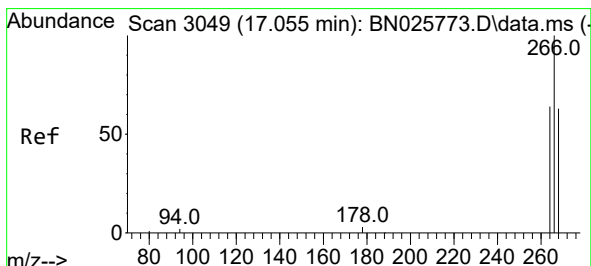
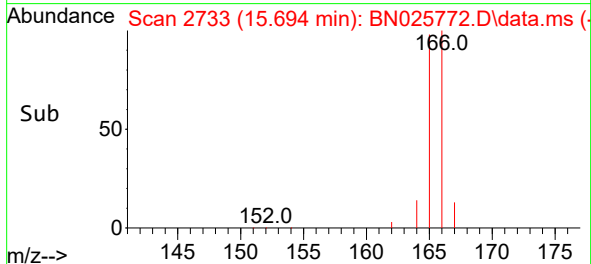
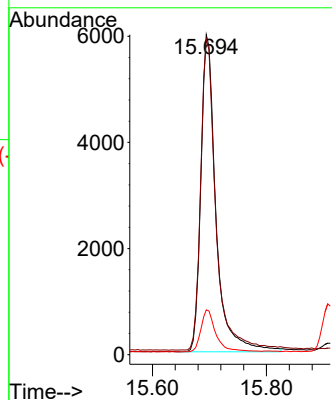
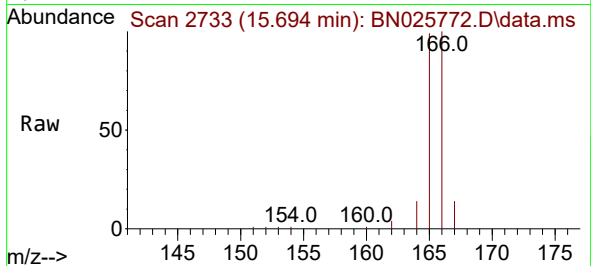




#12
 Fluorene
 Concen: 0.184 ng/ul
 RT: 15.694 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN025772.D
 Acq: 09 Jun 2023 12:19

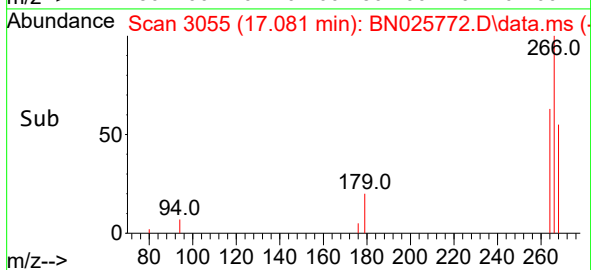
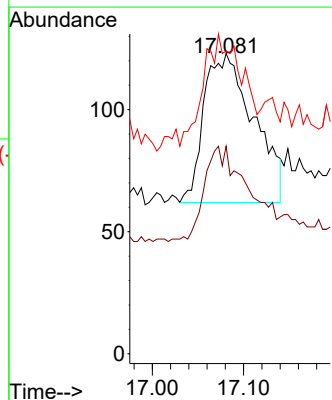
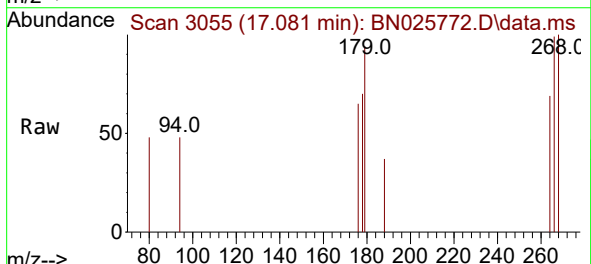
Instrument :
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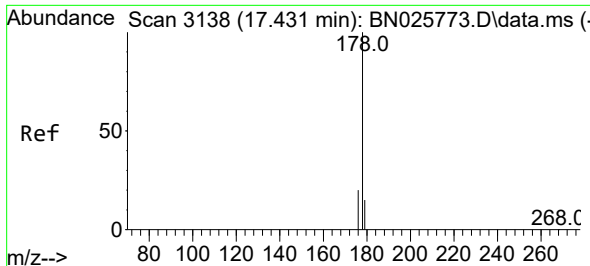
Tgt Ion:166 Resp: 10977
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.2 118.8
 167 14.0 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.068 ng/ul
 RT: 17.081 min Scan# 3055
 Delta R.T. 0.026 min
 Lab File: BN025772.D
 Acq: 09 Jun 2023 12:19

Tgt Ion:266 Resp: 230
 Ion Ratio Lower Upper
 266 100
 264 57.4 48.2 72.4
 268 60.4 48.2 72.4

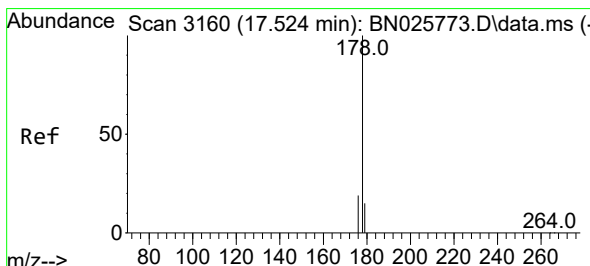
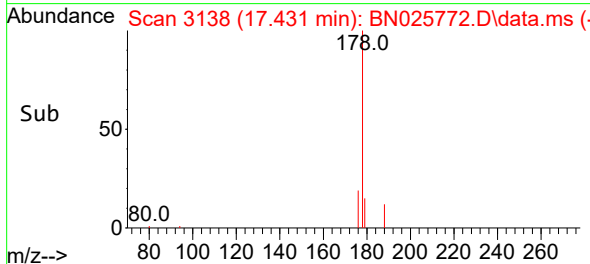
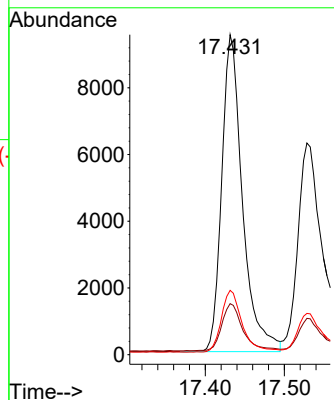
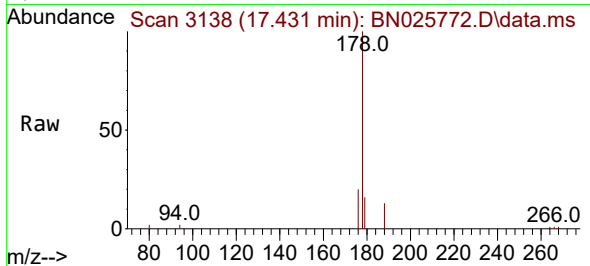




#15
Phenanthrene
Concen: 0.189 ng/ul
RT: 17.431 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BN025772.D
Acq: 09 Jun 2023 12:19

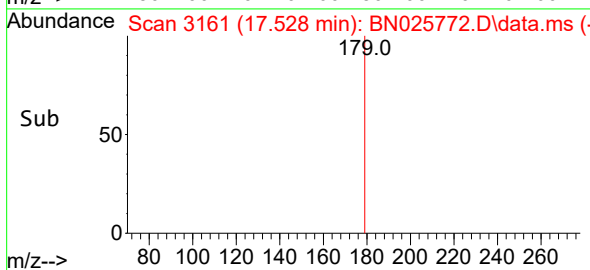
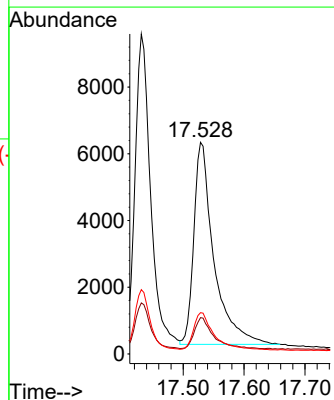
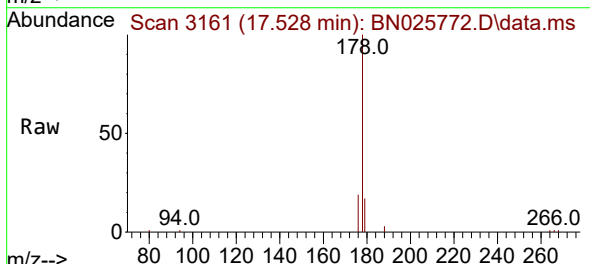
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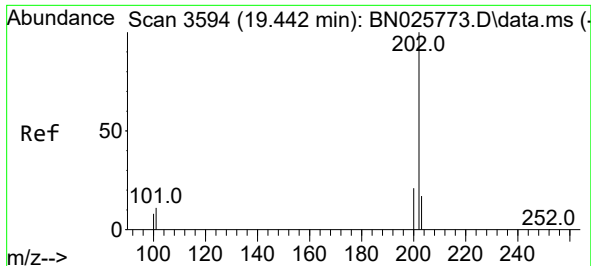
Tgt Ion:178 Resp: 17328
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 20.1 15.8 23.8



#16
Anthracene
Concen: 0.180 ng/ul
RT: 17.528 min Scan# 3161
Delta R.T. 0.004 min
Lab File: BN025772.D
Acq: 09 Jun 2023 12:19

Tgt Ion:178 Resp: 13890
Ion Ratio Lower Upper
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179 17.1 12.6 19.0
176 19.5 15.4 23.2

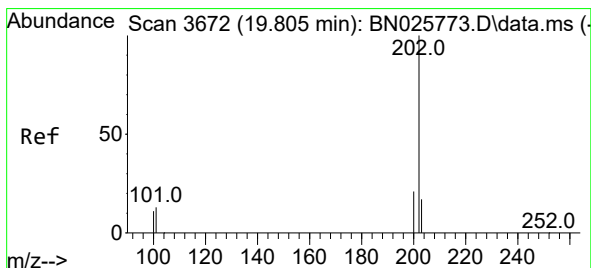
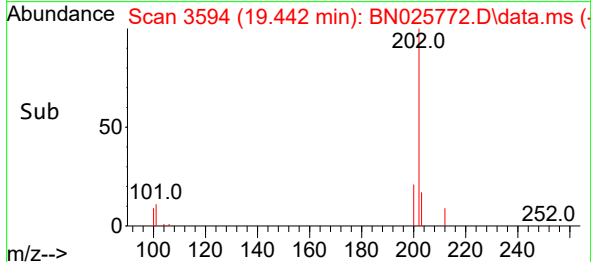
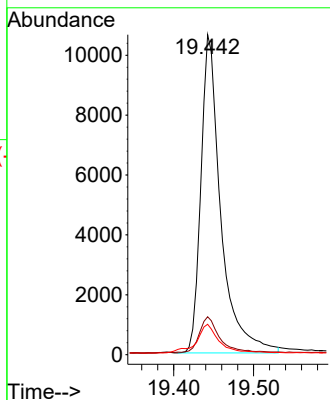
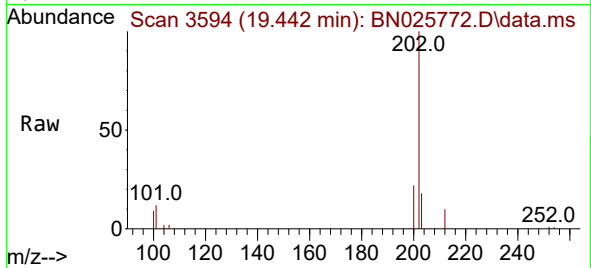




#19
Fluoranthene
Concen: 0.193 ng/ul
RT: 19.442 min Scan# 3594
Delta R.T. 0.000 min
Lab File: BN025772.D
Acq: 09 Jun 2023 12:19

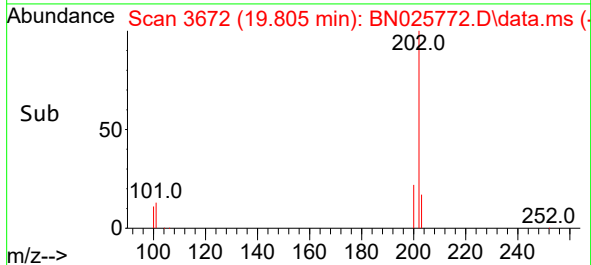
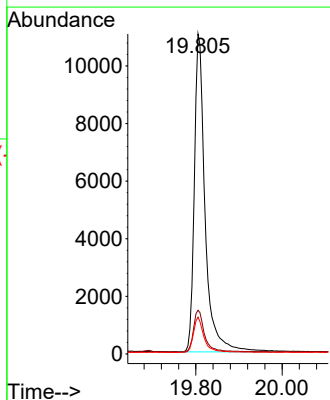
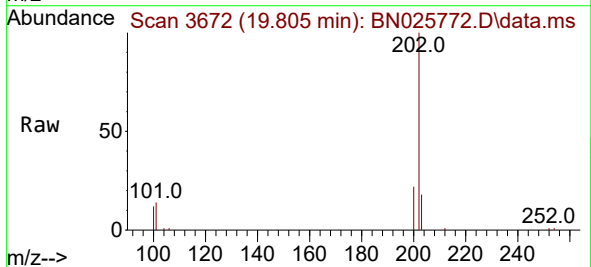
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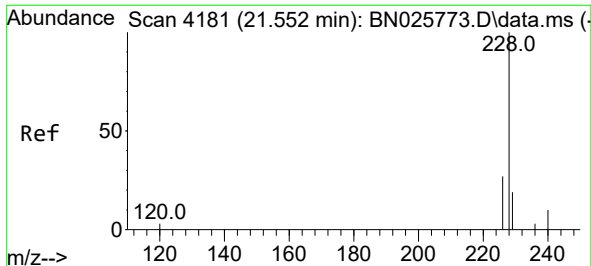
Tgt Ion:202 Resp: 18401
Ion Ratio Lower Upper
202 100
101 11.8 9.1 13.7
100 9.5 7.0 10.6



#20
Pyrene
Concen: 0.194 ng/ul
RT: 19.805 min Scan# 3672
Delta R.T. -0.000 min
Lab File: BN025772.D
Acq: 09 Jun 2023 12:19

Tgt Ion:202 Resp: 19224
Ion Ratio Lower Upper
202 100
101 13.6 10.4 15.6
100 11.5 8.8 13.2

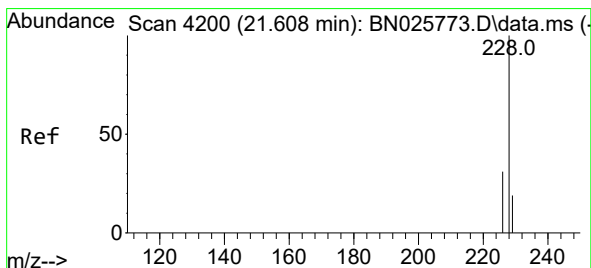
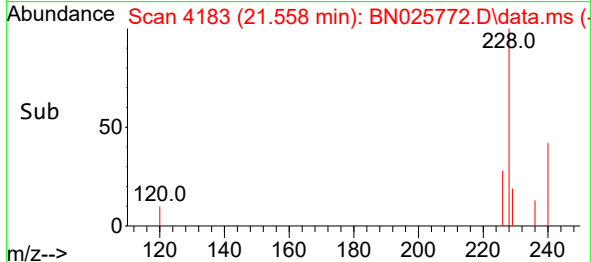
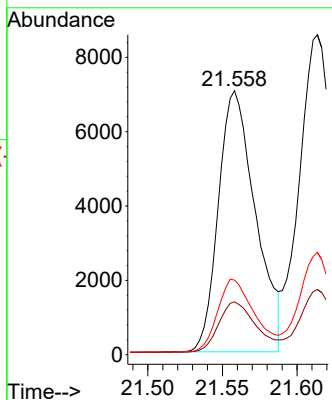
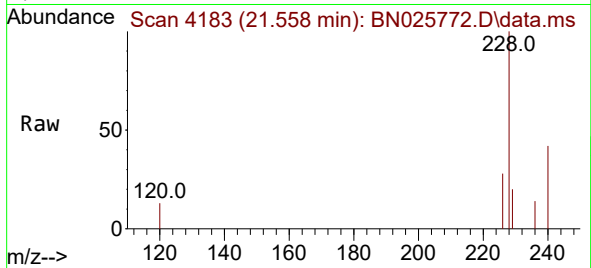




#21
Benzo(a)anthracene
Concen: 0.183 ng/ul
RT: 21.558 min Scan# 4181
Delta R.T. 0.006 min
Lab File: BN025772.D
Acq: 09 Jun 2023 12:19

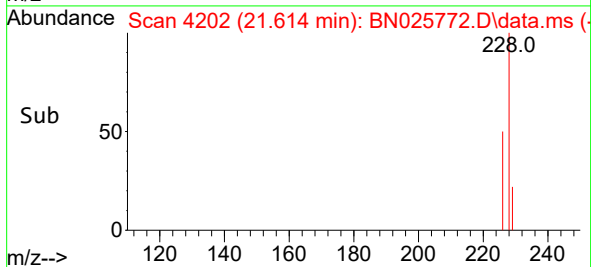
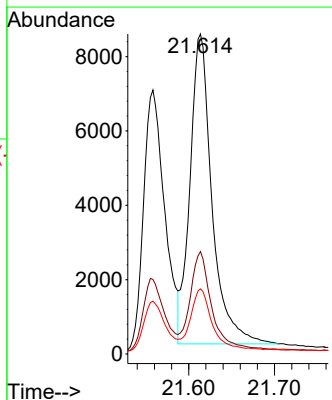
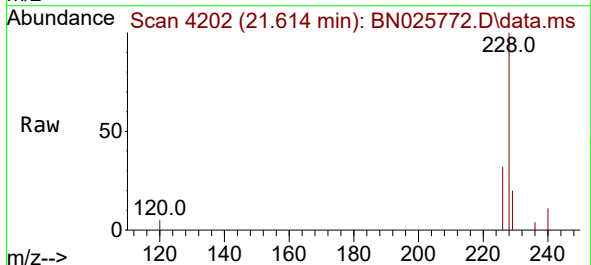
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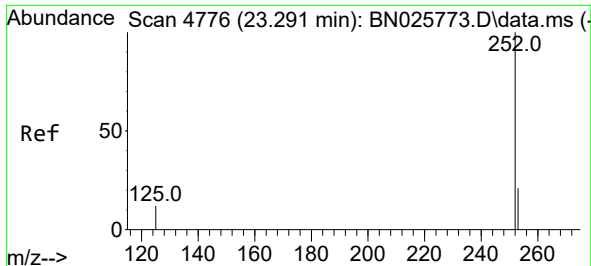
Tgt Ion:228 Resp: 12191
Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 28.3 22.0 33.0



#22
Chrysene
Concen: 0.195 ng/ul
RT: 21.614 min Scan# 4202
Delta R.T. 0.006 min
Lab File: BN025772.D
Acq: 09 Jun 2023 12:19

Tgt Ion:228 Resp: 14865
Ion Ratio Lower Upper
228 100
226 32.0 24.7 37.1
229 20.3 15.7 23.5

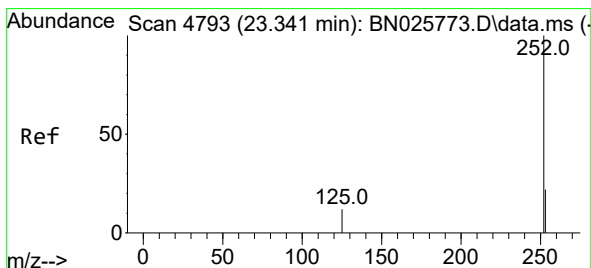
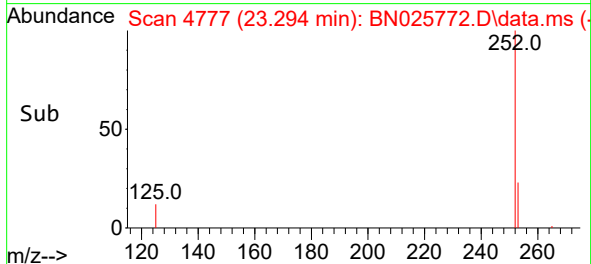
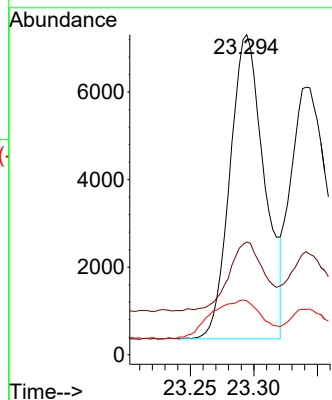
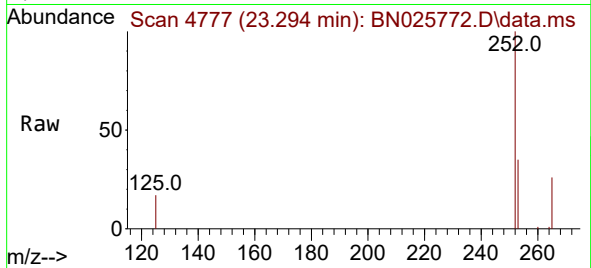




#24
Benzo(b)fluoranthene
Concen: 0.187 ng/ul
RT: 23.294 min Scan# 4776
Delta R.T. 0.003 min
Lab File: BN025772.D
Acq: 09 Jun 2023 12:19

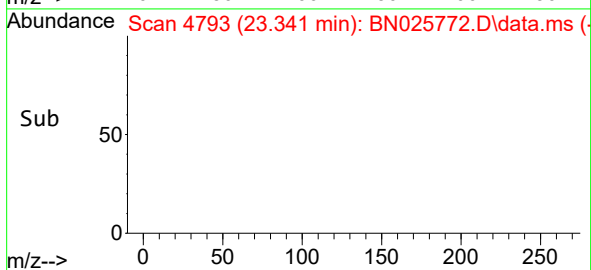
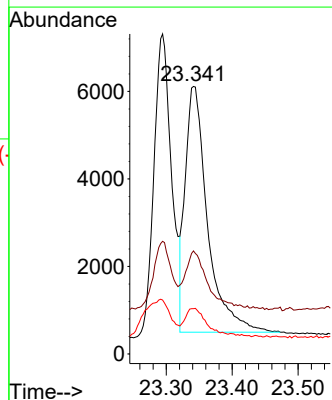
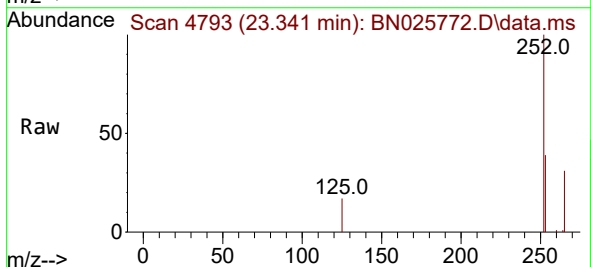
Instrument :
BNA_N
ClientSampleId :
SSTD0.2217

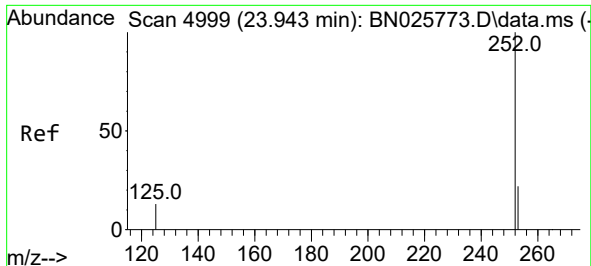
Tgt Ion:252 Resp: 13085
Ion Ratio Lower Upper
252 100
253 35.2 0.0 56.0
125 16.9 0.0 28.0



#25
Benzo(k)fluoranthene
Concen: 0.189 ng/ul
RT: 23.341 min Scan# 4793
Delta R.T. 0.000 min
Lab File: BN025772.D
Acq: 09 Jun 2023 12:19

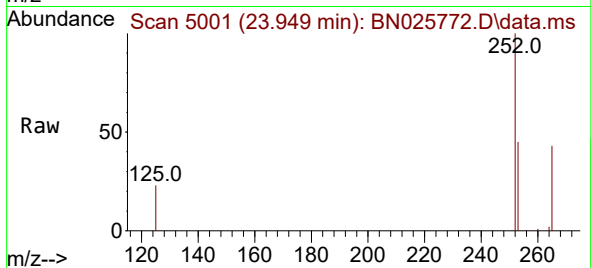
Tgt Ion:252 Resp: 13231
Ion Ratio Lower Upper
252 100
253 38.5 23.3 34.9#
125 16.9 11.6 17.4



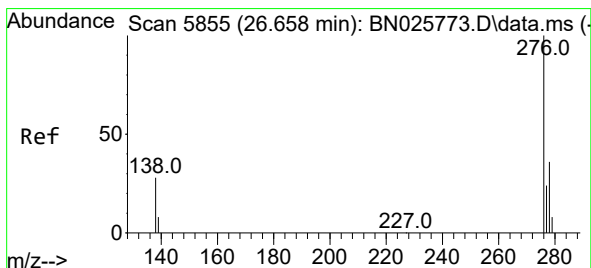
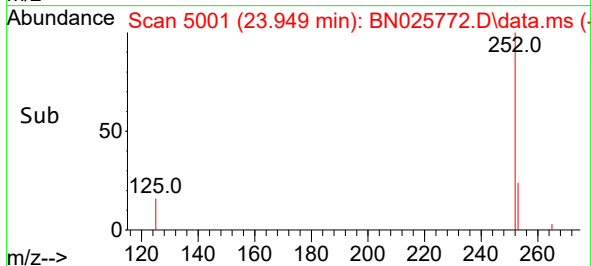
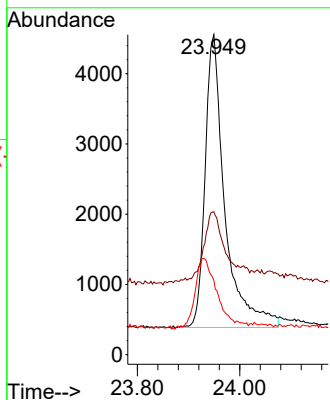


#26
Benzo(a)pyrene
Concen: 0.189 ng/ul
RT: 23.949 min Scan# 5001
Delta R.T. 0.006 min
Lab File: BN025772.D
Acq: 09 Jun 2023 12:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.2217

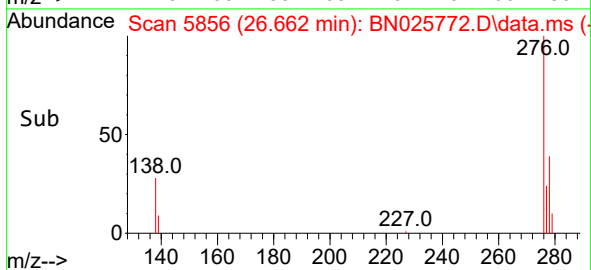
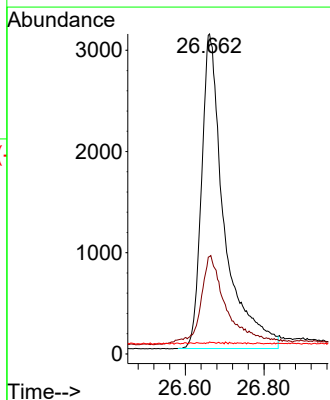
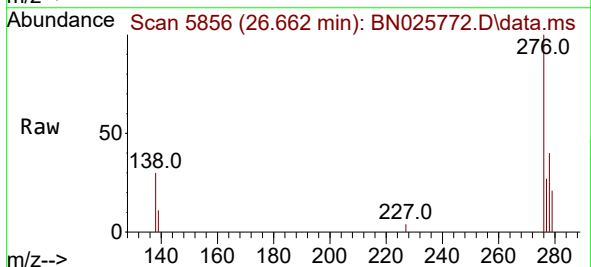


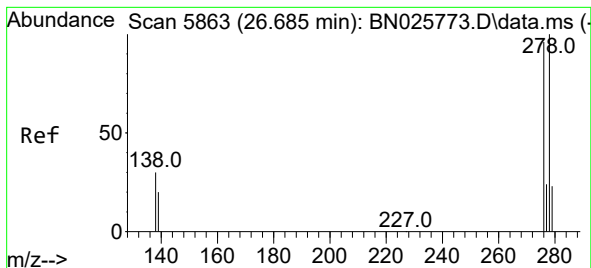
Tgt Ion:252 Resp: 11175
Ion Ratio Lower Upper
252 100
253 44.7 25.8 38.8#
125 23.2 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.184 ng/ul
RT: 26.662 min Scan# 5856
Delta R.T. 0.003 min
Lab File: BN025772.D
Acq: 09 Jun 2023 12:19

Tgt Ion:276 Resp: 12443
Ion Ratio Lower Upper
276 100
138 28.8 24.6 36.8
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.180 ng/ul

RT: 26.682 min Scan# 5862

Delta R.T. -0.003 min

Lab File: BN025772.D

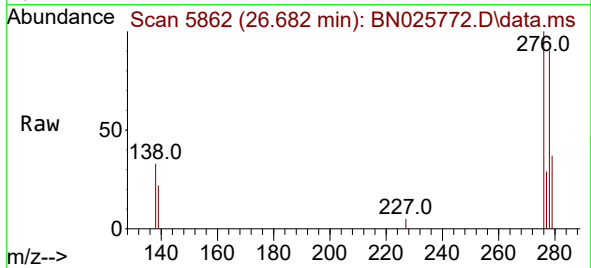
Acq: 09 Jun 2023 12:19

Instrument :

BNA_N

ClientSampleId :

SSTD0.2217



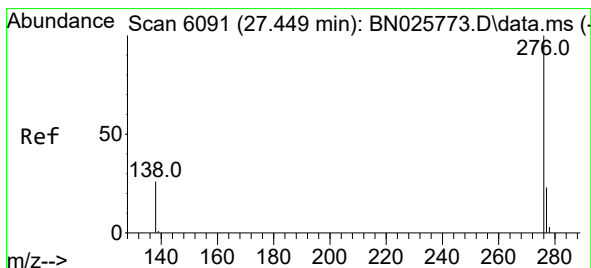
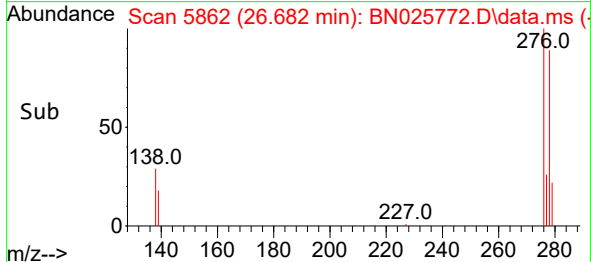
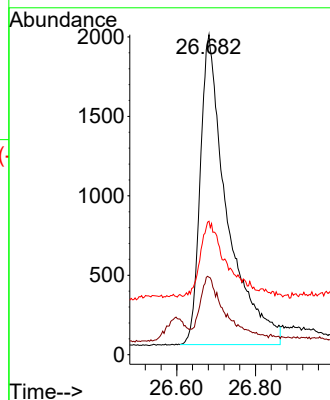
Tgt Ion:278 Resp: 9201

Ion Ratio Lower Upper

278 100

139 24.2 17.9 26.9

279 41.7 25.3 37.9#



#29

Benzo(g,h,i)perylene

Concen: 0.191 ng/ul

RT: 27.456 min Scan# 6093

Delta R.T. 0.007 min

Lab File: BN025772.D

Acq: 09 Jun 2023 12:19

Tgt Ion:276 Resp: 11560

Ion Ratio Lower Upper

276 100

138 29.4 21.8 32.8

277 25.5 19.4 29.2

