

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060923\
 Data File : BN025775.D
 Acq On : 09 Jun 2023 14:07
 Operator : MA/JU
 Sample : SSTD1.605
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6220

Quant Time: Jun 10 01:45:20 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

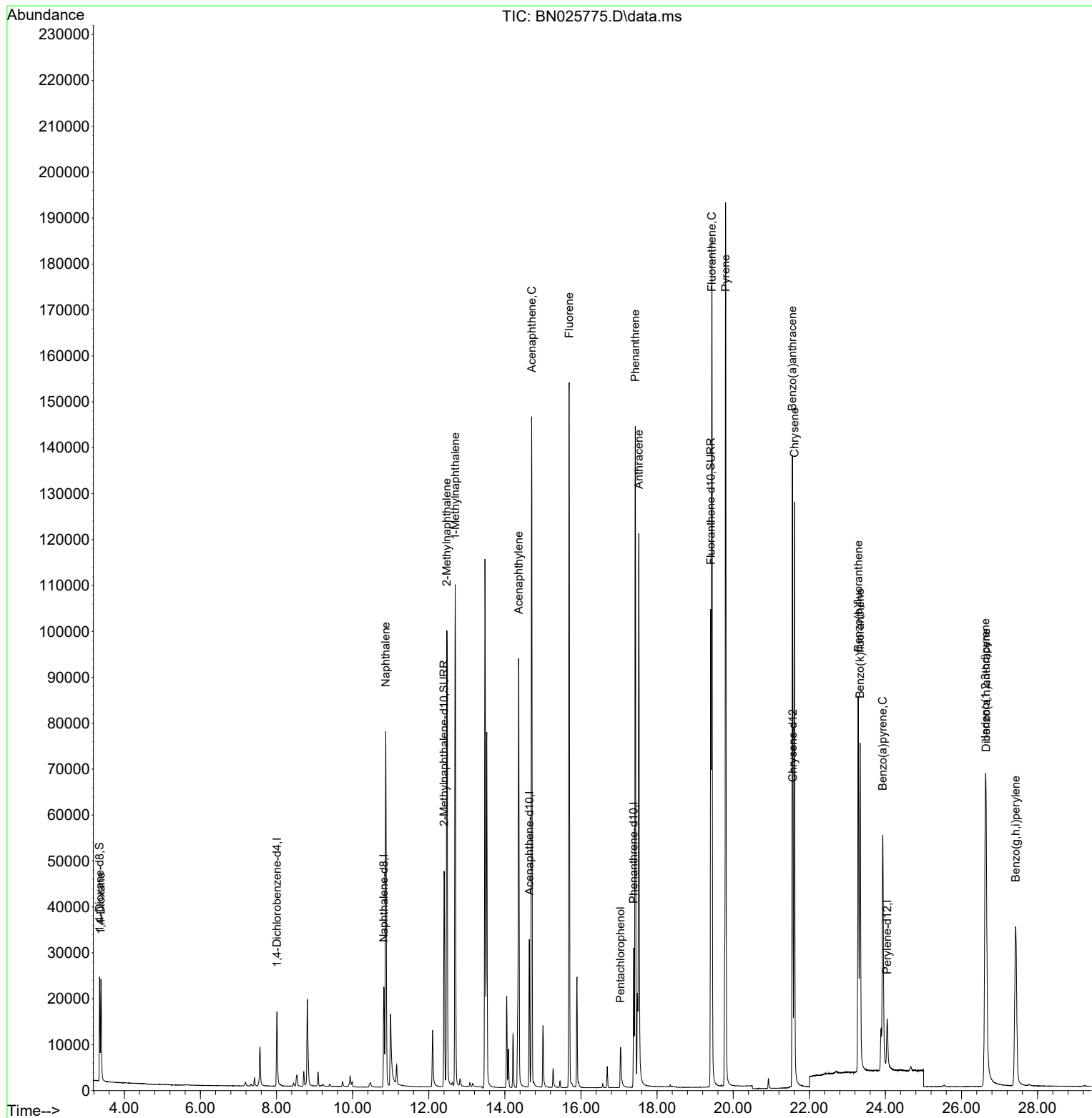
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	10073	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	30031	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.644	164	17658	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	35288	0.400	ng/ul	0.00
17) Chrysene-d12	21.570	240	25068	0.400	ng/ul	0.00
23) Perylene-d12	24.049	264	17000	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	14423	1.456	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	60207	1.581	ng/ul	0.00
18) Fluoranthene-d10	19.410	212	111436	1.410	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.385	88	15424	1.455	ng/ul	94
5) Naphthalene	10.869	128	112654	1.475	ng/ul	100
7) 2-Methylnaphthalene	12.475	142	72889	1.586	ng/ul	100
8) 1-Methylnaphthalene	12.695	142	76087	1.505	ng/ul	100
10) Acenaphthylene	14.362	152	108836	1.559	ng/ul	99
11) Acenaphthene	14.704	153	85518	1.468	ng/ul	99
12) Fluorene	15.690	166	98710	1.523	ng/ul	99
14) Pentachlorophenol	17.039	266	8234	2.168	ng/ul	96
15) Phenanthrene	17.427	178	153016	1.487	ng/ul	99
16) Anthracene	17.520	178	141448	1.628	ng/ul	99
19) Fluoranthene	19.438	202	164069	1.430	ng/ul	100
20) Pyrene	19.800	202	165717	1.396	ng/ul	99
21) Benzo(a)anthracene	21.555	228	117037	1.464	ng/ul	99
22) Chrysene	21.608	228	120659	1.320	ng/ul	99
24) Benzo(b)fluoranthene	23.285	252	105148	1.512	ng/ul	93
25) Benzo(k)fluoranthene	23.335	252	104722	1.502	ng/ul	92
26) Benzo(a)pyrene	23.929	252	86835	1.473	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.628	276	103105	1.535	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.645	278	80761	1.587	ng/ul#	91
29) Benzo(g,h,i)perylene	27.423	276	87935	1.458	ng/ul	99

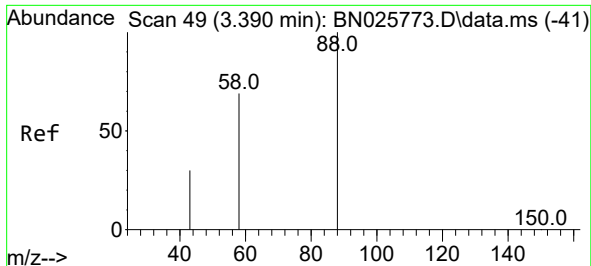
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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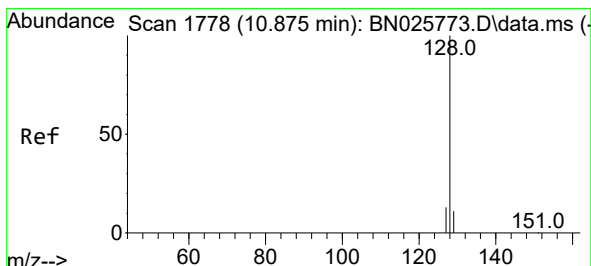
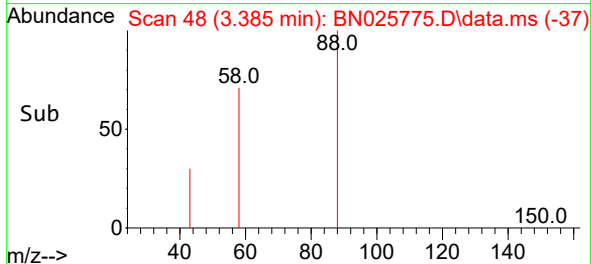
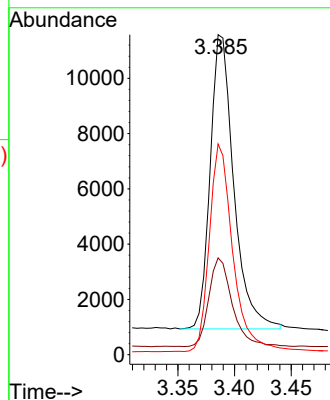
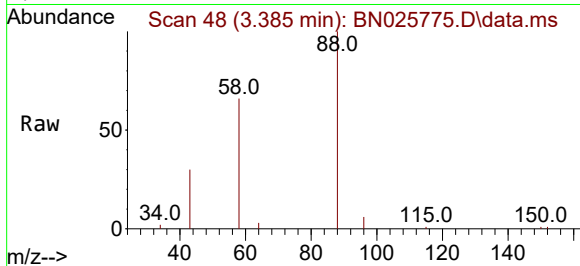




#2
1,4-Dioxane
Concen: 1.455 ng/ul
RT: 3.385 min Scan# 41
Delta R.T. -0.005 min
Lab File: BN025775.D
Acq: 09 Jun 2023 14:07

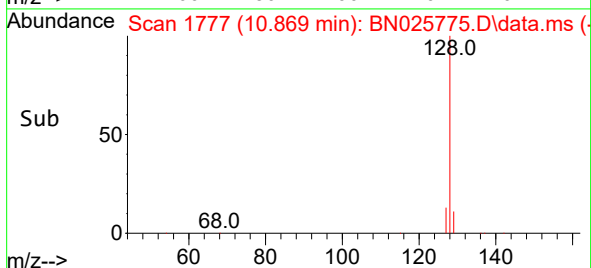
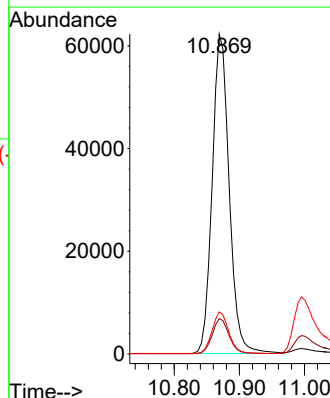
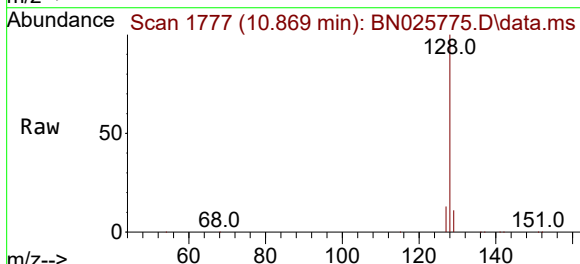
Instrument :
BNA_N
ClientSampleId :
SSTD1.6220

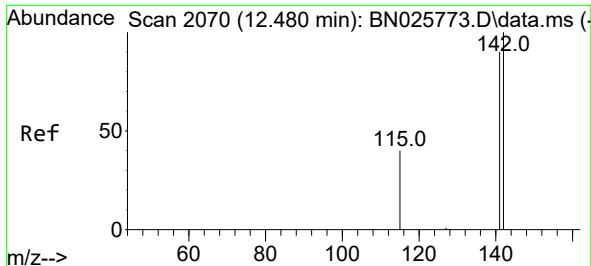
Tgt Ion: 88 Resp: 15424
Ion Ratio Lower Upper
88 100
43 30.2 26.5 39.7
58 65.9 49.0 73.6



#5
Naphthalene
Concen: 1.475 ng/ul
RT: 10.869 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BN025775.D
Acq: 09 Jun 2023 14:07

Tgt Ion: 128 Resp: 112654
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.1 10.5 15.7

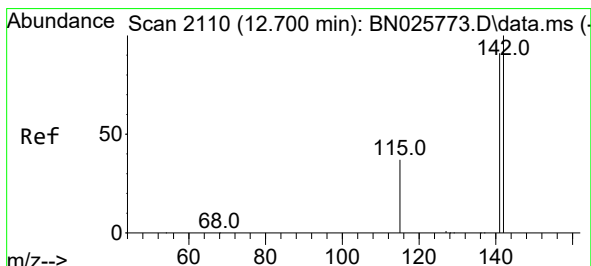
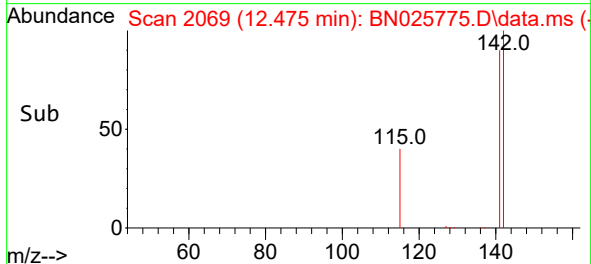
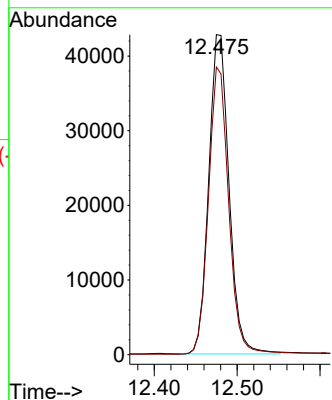
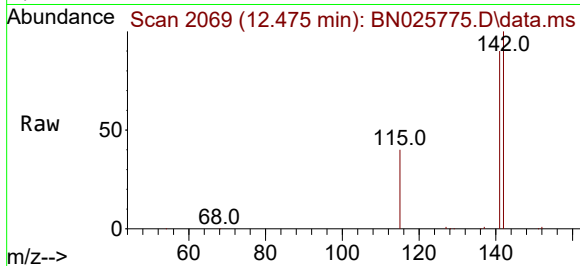




#7
2-Methylnaphthalene
Concen: 1.586 ng/ul
RT: 12.475 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN025775.D
Acq: 09 Jun 2023 14:07

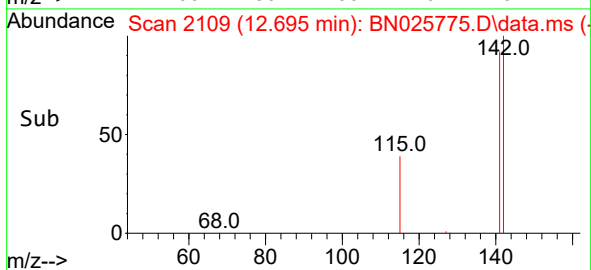
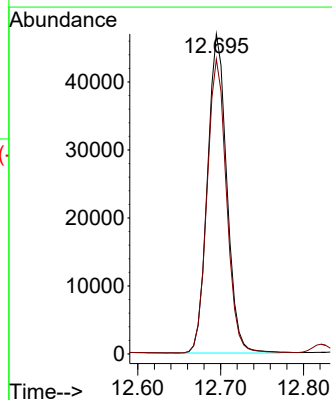
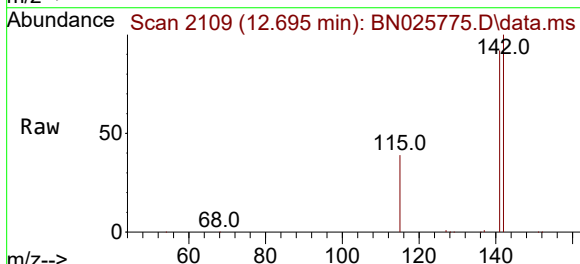
Instrument :
BNA_N
ClientSampleId :
SSTD1.6220

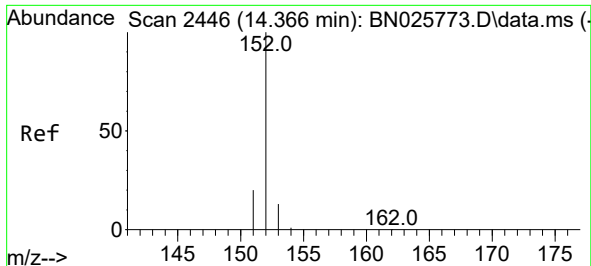
Tgt Ion:142 Resp: 72889
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2



#8
1-Methylnaphthalene
Concen: 1.505 ng/ul
RT: 12.695 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN025775.D
Acq: 09 Jun 2023 14:07

Tgt Ion:142 Resp: 76087
Ion Ratio Lower Upper
142 100
141 92.5 74.0 111.0

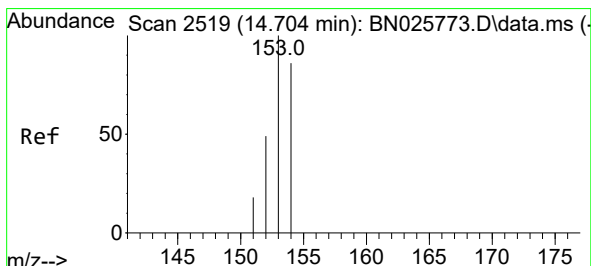
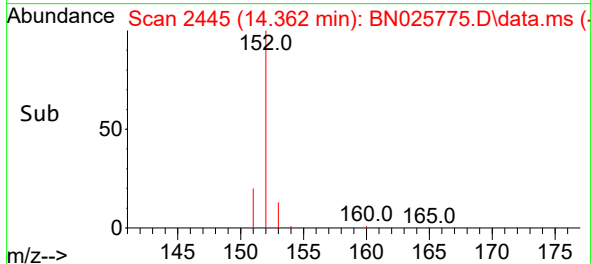
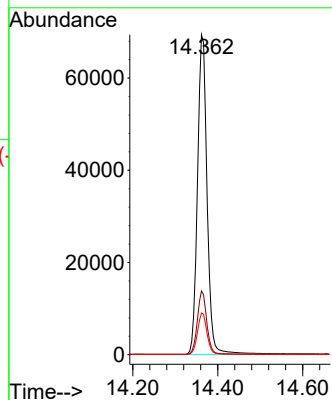
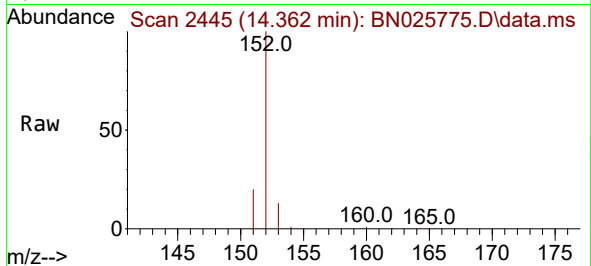




#10
Acenaphthylene
Concen: 1.559 ng/ul
RT: 14.362 min Scan# 2446
Delta R.T. -0.004 min
Lab File: BN025775.D
Acq: 09 Jun 2023 14:07

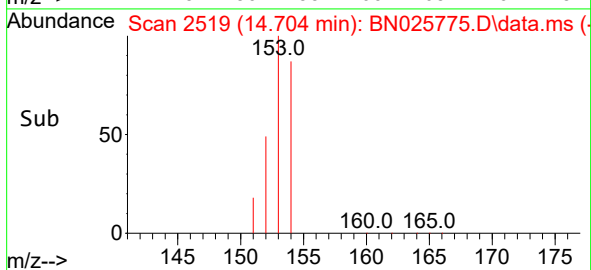
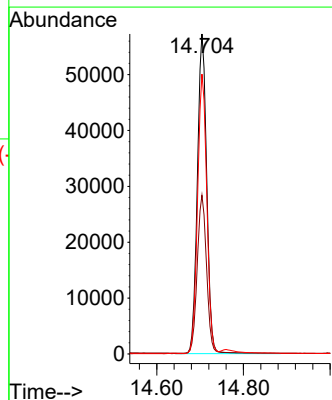
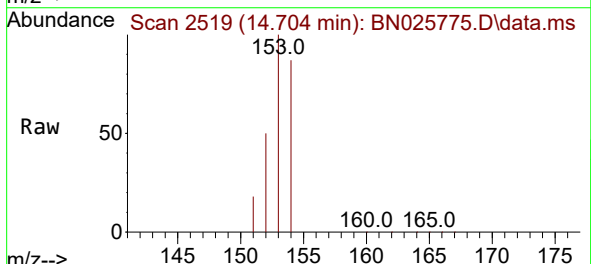
Instrument :
BNA_N
ClientSampleId :
SSTD1.6220

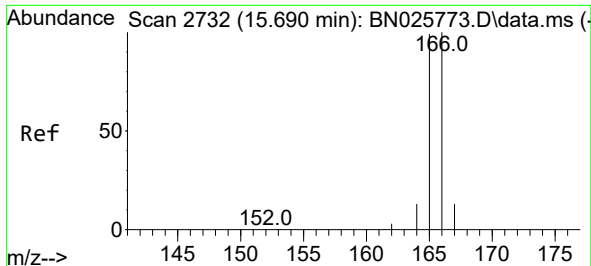
Tgt Ion:152 Resp: 108836
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.0 10.7 16.1



#11
Acenaphthene
Concen: 1.468 ng/ul
RT: 14.704 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN025775.D
Acq: 09 Jun 2023 14:07

Tgt Ion:153 Resp: 85518
Ion Ratio Lower Upper
153 100
152 49.6 39.5 59.3
154 87.4 68.8 103.2

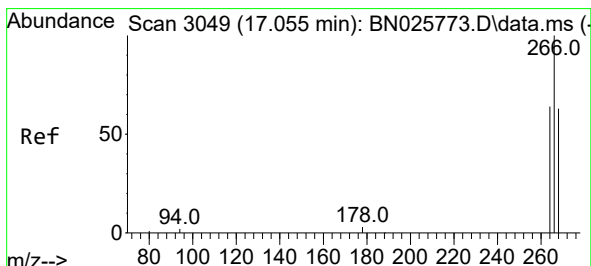
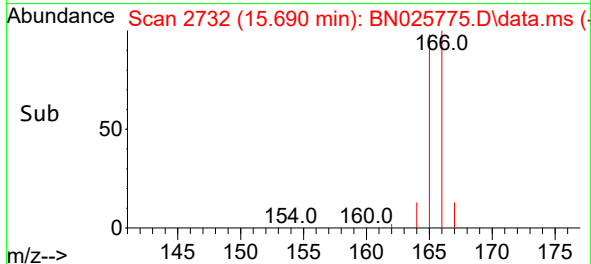
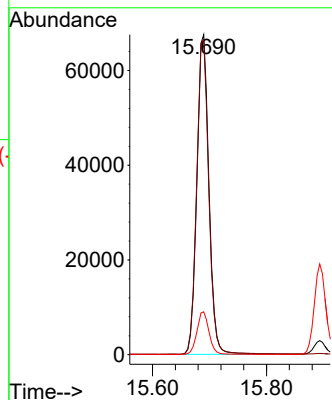
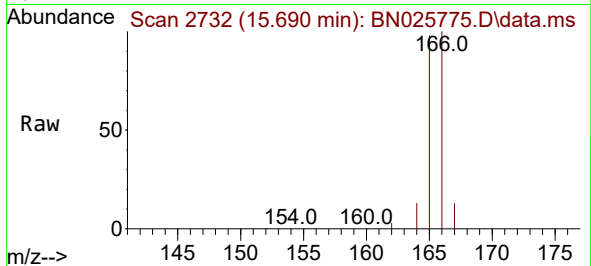




#12
Fluorene
Concen: 1.523 ng/ul
RT: 15.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025775.D
Acq: 09 Jun 2023 14:07

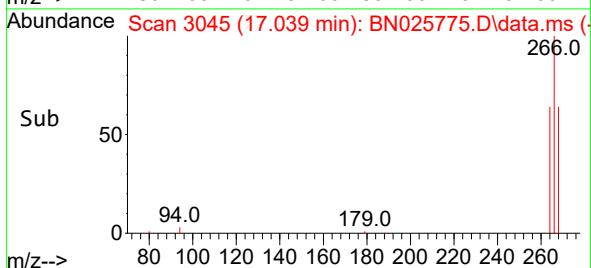
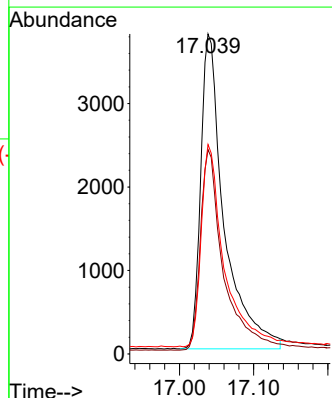
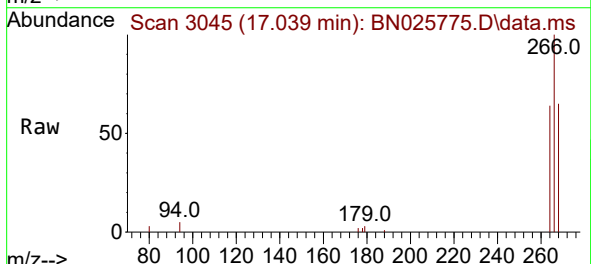
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BNA_N
ClientSampleId :
SSTD1.6220

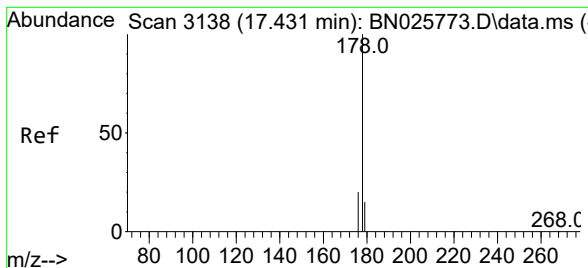
Tgt Ion:166 Resp: 98710
Ion Ratio Lower Upper
166 100
165 98.4 79.2 118.8
167 13.4 11.0 16.6



#14
Pentachlorophenol
Concen: 2.168 ng/ul
RT: 17.039 min Scan# 3045
Delta R.T. -0.017 min
Lab File: BN025775.D
Acq: 09 Jun 2023 14:07

Tgt Ion:266 Resp: 8234
Ion Ratio Lower Upper
266 100
264 62.7 48.2 72.4
268 63.3 48.2 72.4





#15

Phenanthrene

Concen: 1.487 ng/ul

RT: 17.427 min Scan# 3137

Delta R.T. -0.004 min

Lab File: BN025775.D

Acq: 09 Jun 2023 14:07

Instrument :

BNA_N

ClientSampleId :

SSTD1.6220

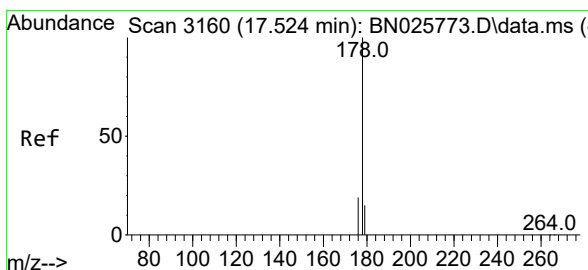
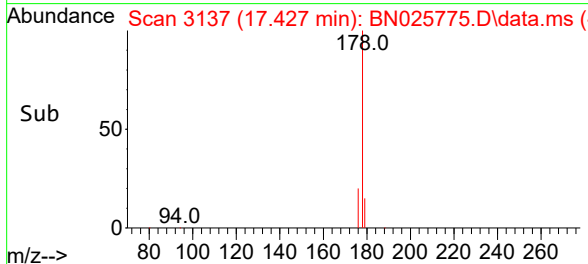
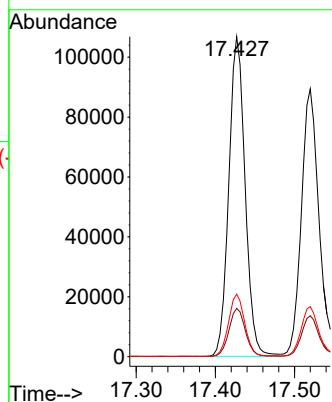
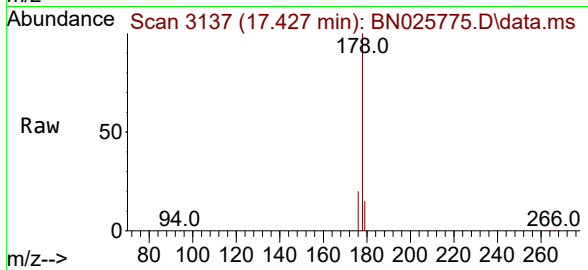
Tgt Ion:178 Resp: 153016

Ion Ratio Lower Upper

178 100

179 15.1 12.6 18.8

176 19.6 15.8 23.8



#16

Anthracene

Concen: 1.628 ng/ul

RT: 17.520 min Scan# 3159

Delta R.T. -0.004 min

Lab File: BN025775.D

Acq: 09 Jun 2023 14:07

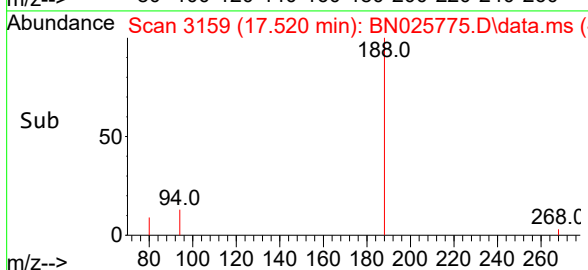
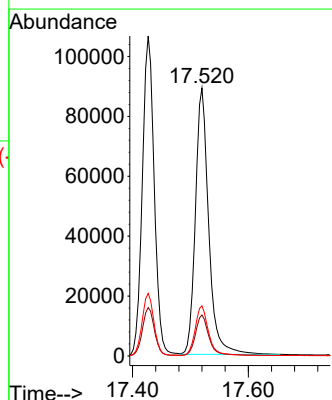
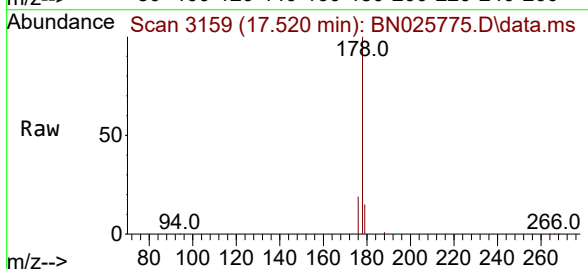
Tgt Ion:178 Resp: 141448

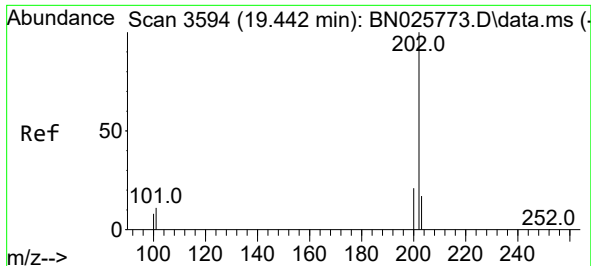
Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

176 18.7 15.4 23.2

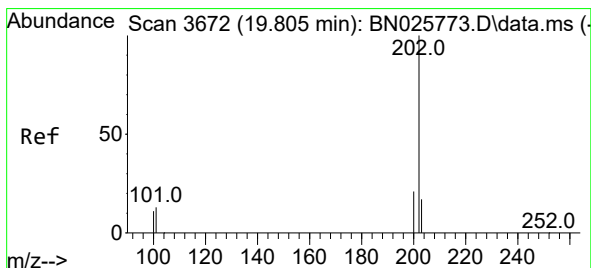
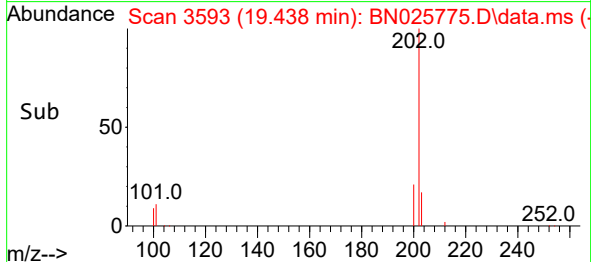
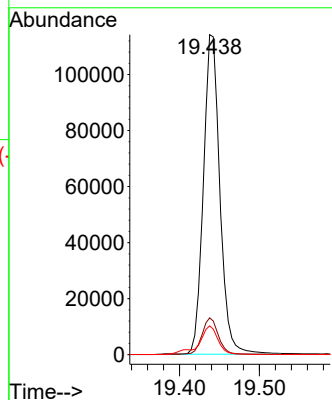
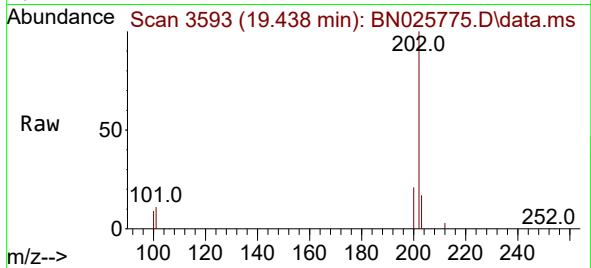




#19
Fluoranthene
Concen: 1.430 ng/ul
RT: 19.438 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BN025775.D
Acq: 09 Jun 2023 14:07

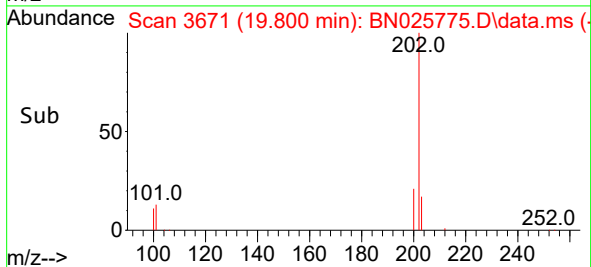
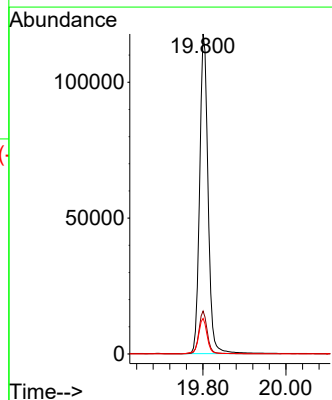
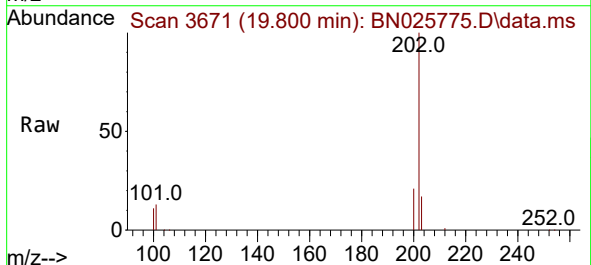
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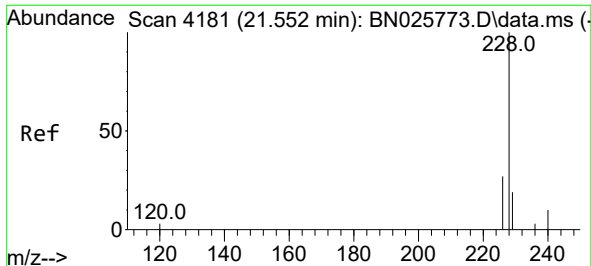
Tgt Ion:202 Resp: 164069
Ion Ratio Lower Upper
202 100
101 11.5 9.1 13.7
100 9.0 7.0 10.6



#20
Pyrene
Concen: 1.396 ng/ul
RT: 19.800 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BN025775.D
Acq: 09 Jun 2023 14:07

Tgt Ion:202 Resp: 165717
Ion Ratio Lower Upper
202 100
101 13.4 10.4 15.6
100 11.1 8.8 13.2

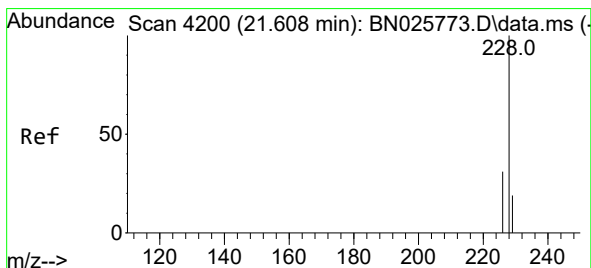
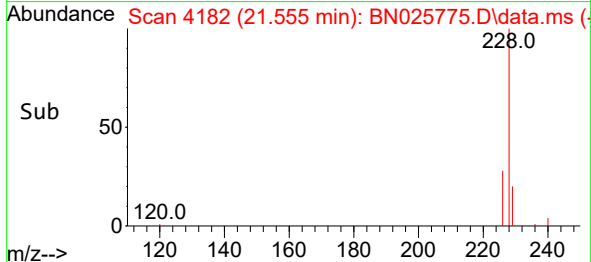
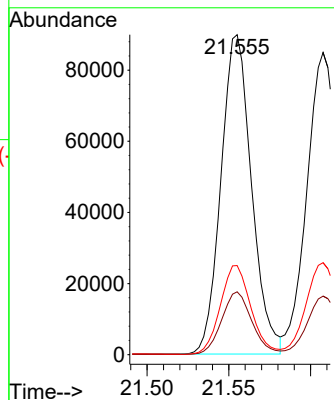
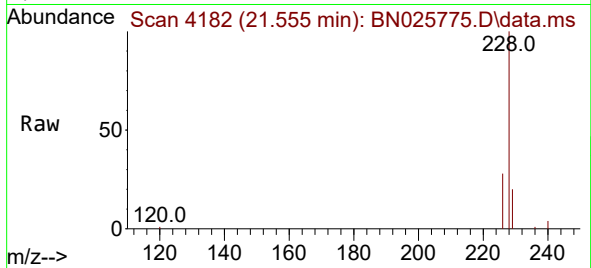




#21
Benzo(a)anthracene
Concen: 1.464 ng/ul
RT: 21.555 min Scan# 4181
Delta R.T. 0.003 min
Lab File: BN025775.D
Acq: 09 Jun 2023 14:07

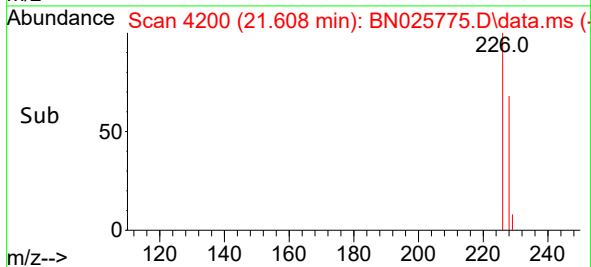
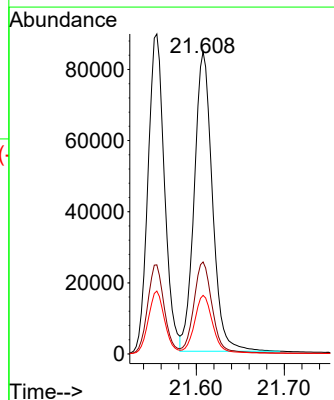
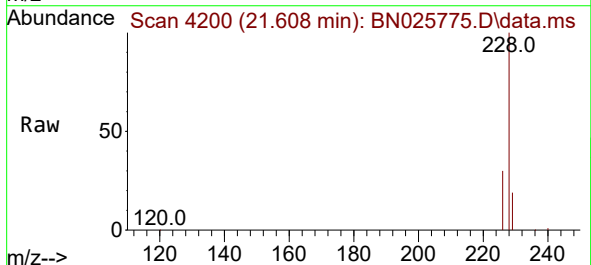
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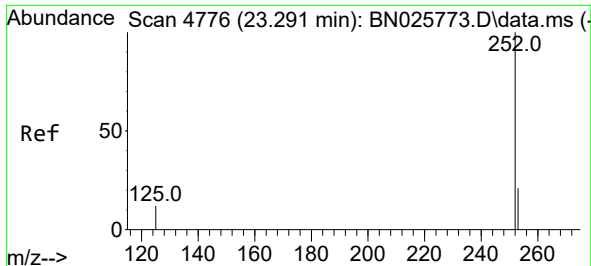
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Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 27.9 22.0 33.0



#22
Chrysene
Concen: 1.320 ng/ul
RT: 21.608 min Scan# 4200
Delta R.T. -0.000 min
Lab File: BN025775.D
Acq: 09 Jun 2023 14:07

Tgt Ion:228 Resp: 120659
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 19.4 15.7 23.5

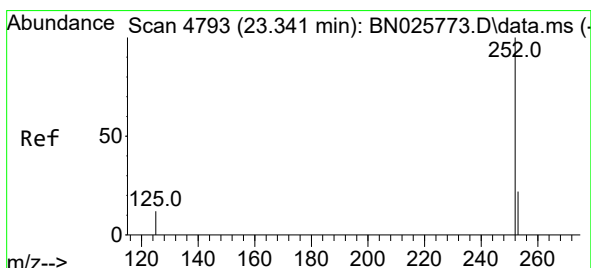
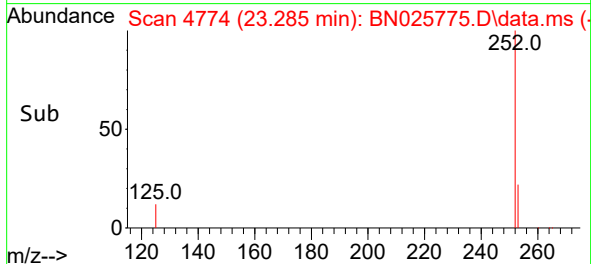
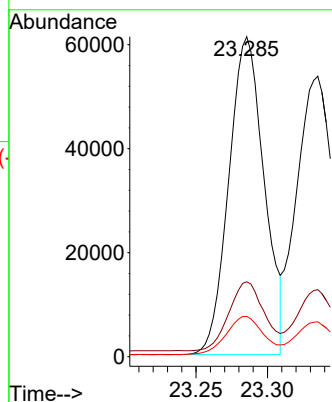
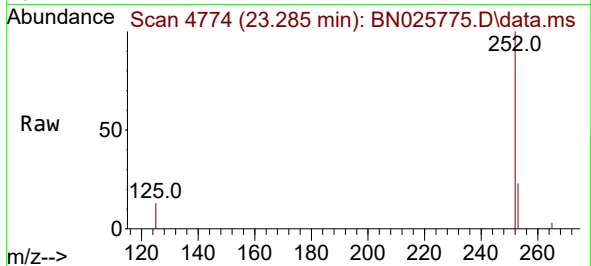




#24
Benzo(b)fluoranthene
Concen: 1.512 ng/ul
RT: 23.285 min Scan# 4774
Delta R.T. -0.006 min
Lab File: BN025775.D
Acq: 09 Jun 2023 14:07

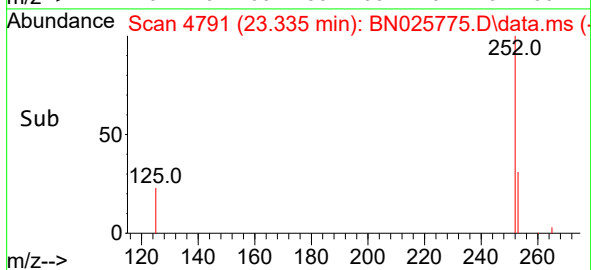
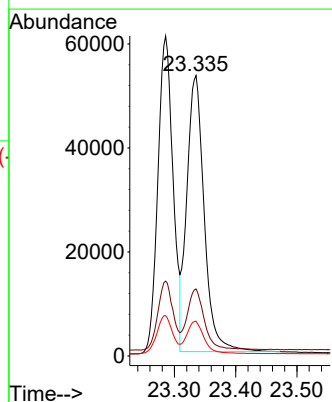
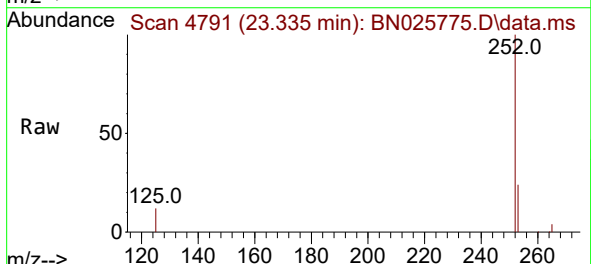
Instrument :
BNA_N
ClientSampleId :
SSTD1.6220

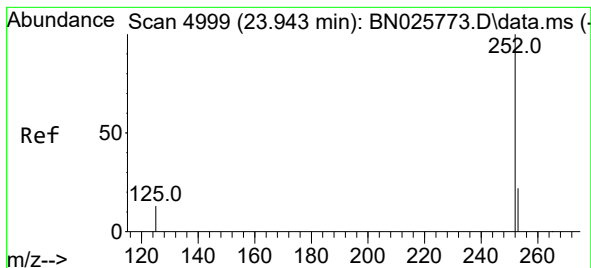
Tgt Ion:252 Resp: 105148
Ion Ratio Lower Upper
252 100
253 23.4 0.0 56.0
125 12.6 0.0 28.0



#25
Benzo(k)fluoranthene
Concen: 1.502 ng/ul
RT: 23.335 min Scan# 4791
Delta R.T. -0.006 min
Lab File: BN025775.D
Acq: 09 Jun 2023 14:07

Tgt Ion:252 Resp: 104722
Ion Ratio Lower Upper
252 100
253 23.9 23.3 34.9
125 12.4 11.6 17.4





#26

Benzo(a)pyrene

Concen: 1.473 ng/ul

RT: 23.929 min Scan# 4994

Delta R.T. -0.014 min

Lab File: BN025775.D

Acq: 09 Jun 2023 14:07

Instrument :

BNA_N

ClientSampleId :

SSTD1.6220

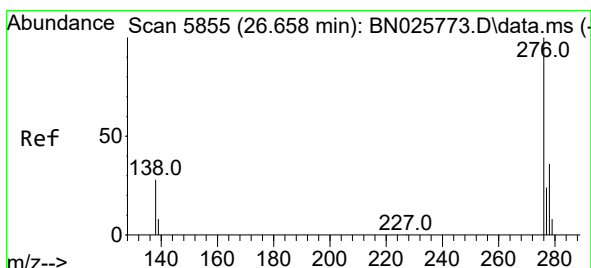
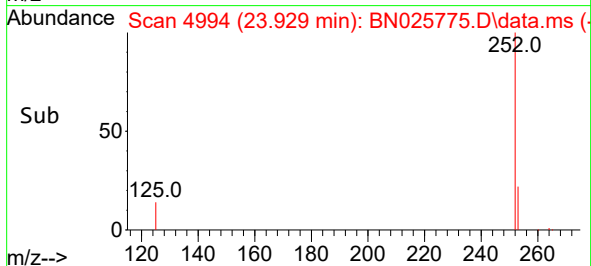
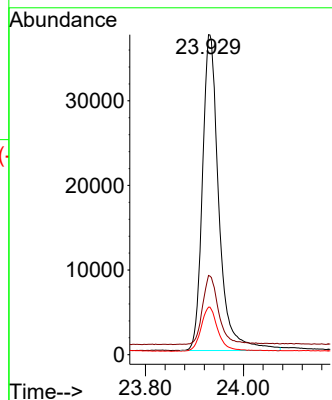
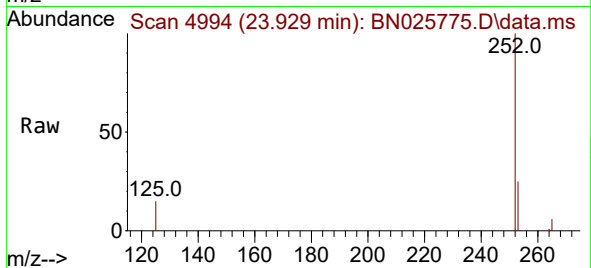
Tgt Ion:252 Resp: 86835

Ion Ratio Lower Upper

252 100

253 24.8 25.8 38.8#

125 14.8 13.5 20.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.535 ng/ul

RT: 26.628 min Scan# 5846

Delta R.T. -0.030 min

Lab File: BN025775.D

Acq: 09 Jun 2023 14:07

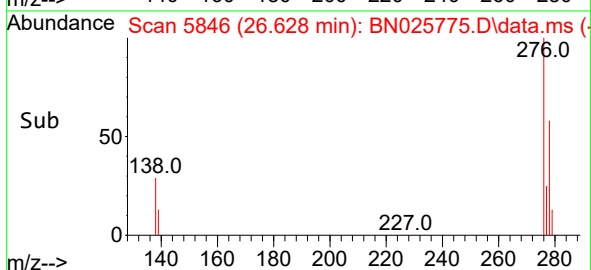
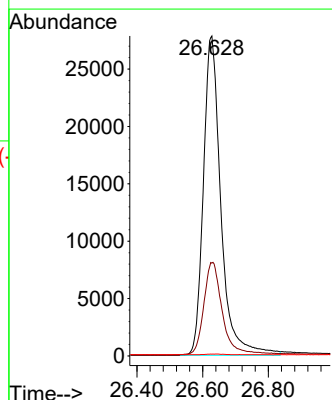
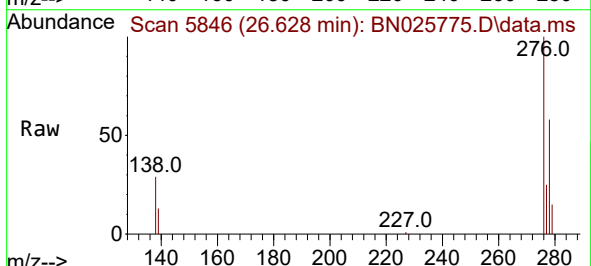
Tgt Ion:276 Resp: 103105

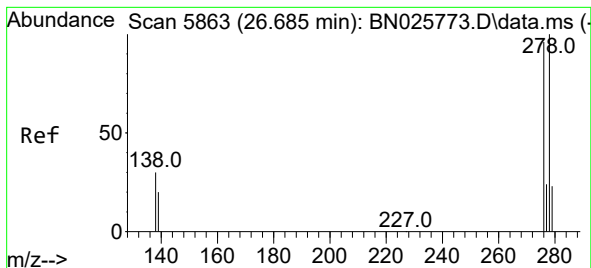
Ion Ratio Lower Upper

276 100

138 30.9 24.6 36.8

227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 1.587 ng/ul

RT: 26.645 min Scan# 5851

Delta R.T. -0.040 min

Lab File: BN025775.D

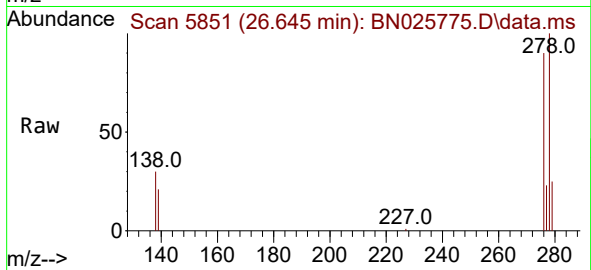
Acq: 09 Jun 2023 14:07

Instrument :

BNA_N

ClientSampleId :

SSTD1.6220



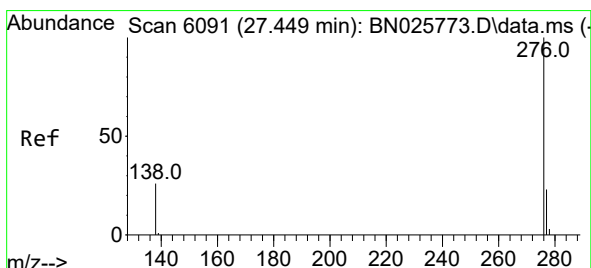
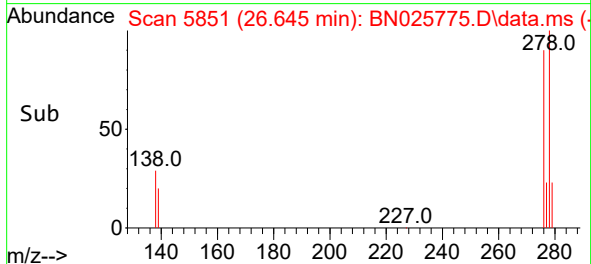
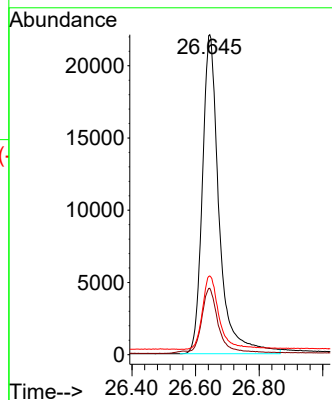
Tgt Ion:278 Resp: 80761

Ion Ratio Lower Upper

278 100

139 20.8 17.9 26.9

279 24.6 25.3 37.9#



#29

Benzo(g,h,i)perylene

Concen: 1.458 ng/ul

RT: 27.423 min Scan# 6083

Delta R.T. -0.026 min

Lab File: BN025775.D

Acq: 09 Jun 2023 14:07

Tgt Ion:276 Resp: 87935

Ion Ratio Lower Upper

276 100

138 26.9 21.8 32.8

277 23.8 19.4 29.2

