

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060923\
 Data File : BN025776.D
 Acq On : 09 Jun 2023 14:43
 Operator : MA/JU
 Sample : SSTD3.206
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2221

Quant Time: Jun 10 01:45:30 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

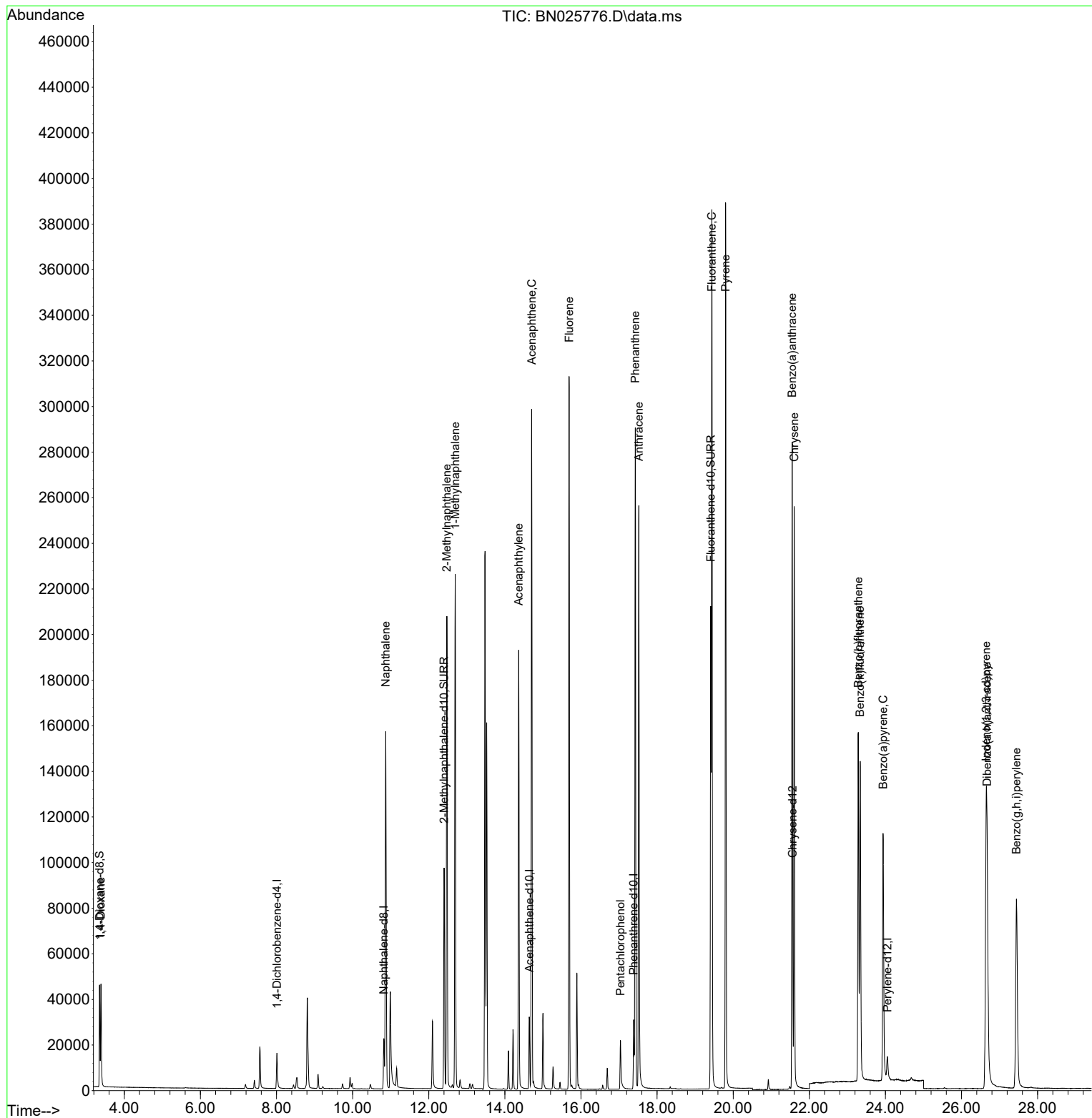
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	9688	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	28919	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	17312	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	34104	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	22522	0.400	ng/ul	0.00
23) Perylene-d12	24.052	264	15665	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	28120	2.952	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	121286	3.307	ng/ul	0.00
18) Fluoranthene-d10	19.410	212	224813	3.165	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.385	88	30812	3.023	ng/ul	92
5) Naphthalene	10.869	128	222181	3.020	ng/ul	99
7) 2-Methylnaphthalene	12.475	142	146263	3.304	ng/ul	100
8) 1-Methylnaphthalene	12.695	142	152662	3.135	ng/ul	100
10) Acenaphthylene	14.363	152	222196	3.246	ng/ul	99
11) Acenaphthene	14.705	153	172132	3.014	ng/ul	99
12) Fluorene	15.690	166	199861	3.145	ng/ul	98
14) Pentachlorophenol	17.035	266	18146	4.944	ng/ul	96
15) Phenanthrene	17.428	178	306545	3.082	ng/ul	99
16) Anthracene	17.521	178	286583	3.412	ng/ul	99
19) Fluoranthene	19.438	202	328334	3.186	ng/ul	99
20) Pyrene	19.801	202	326534	3.062	ng/ul	99
21) Benzo(a)anthracene	21.550	228	239376	3.333	ng/ul	100
22) Chrysene	21.602	228	239540	2.917	ng/ul	100
24) Benzo(b)fluoranthene	23.286	252	212930	3.323	ng/ul	92
25) Benzo(k)fluoranthene	23.336	252	207620	3.231	ng/ul#	90
26) Benzo(a)pyrene	23.938	252	175567	3.233	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.645	276	208368	3.366	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.672	278	163732	3.493	ng/ul#	90
29) Benzo(g,h,i)perylene	27.443	276	175188	3.152	ng/ul	98

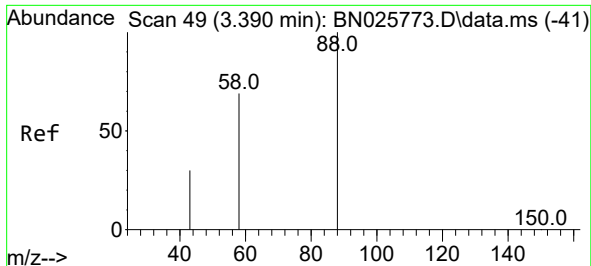
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060923\
Data File : BN025776.D
Acq On : 09 Jun 2023 14:43
Operator : MA/JU
Sample : SST3.206
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD3.2221

Quant Time: Jun 10 01:45:30 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

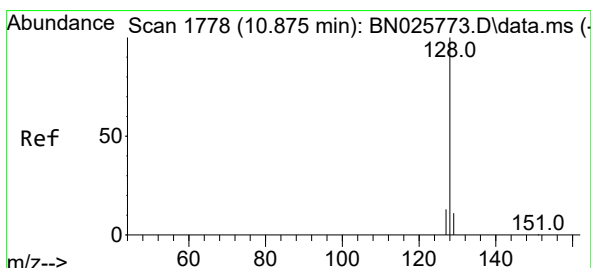
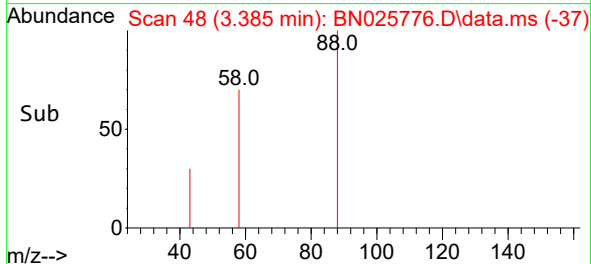
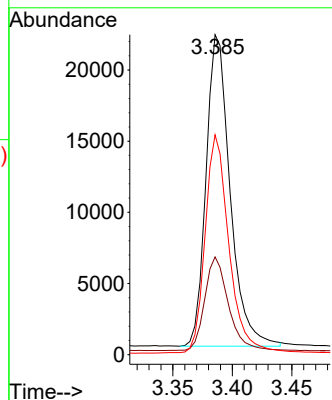
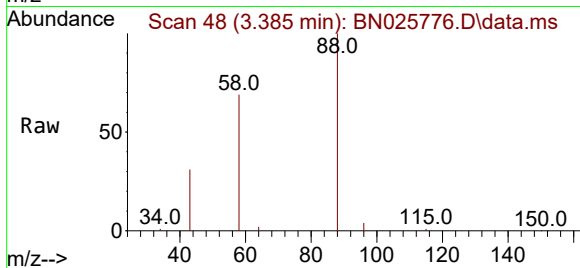




#2
1,4-Dioxane
Concen: 3.023 ng/ul
RT: 3.385 min Scan# 41
Delta R.T. -0.005 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

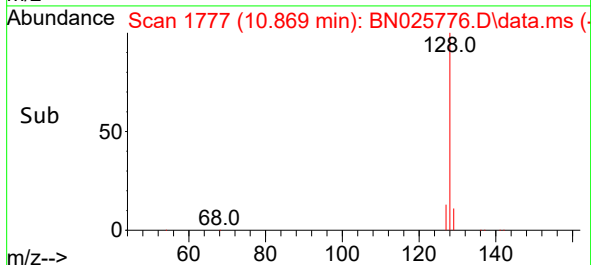
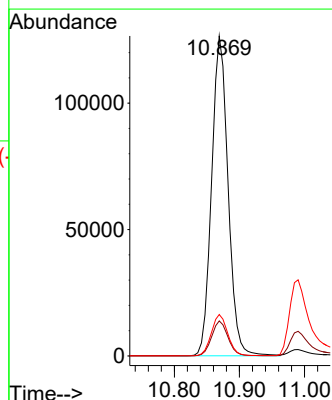
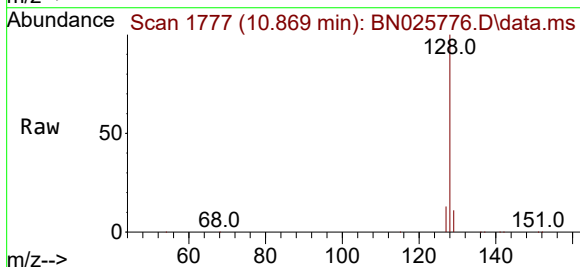
Instrument :
BNA_N
ClientSampleId :
SSTD3.2221

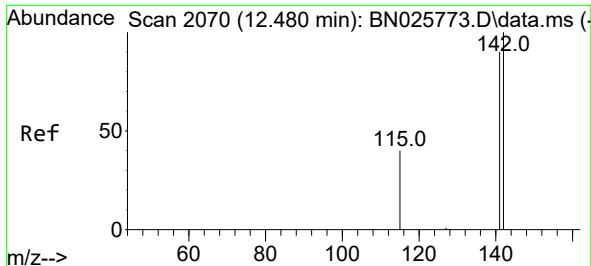
Tgt Ion: 88 Resp: 30812
Ion Ratio Lower Upper
88 100
43 30.6 26.5 39.7
58 68.7 49.0 73.6



#5
Naphthalene
Concen: 3.020 ng/ul
RT: 10.869 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

Tgt Ion:128 Resp: 222181
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.0 10.5 15.7

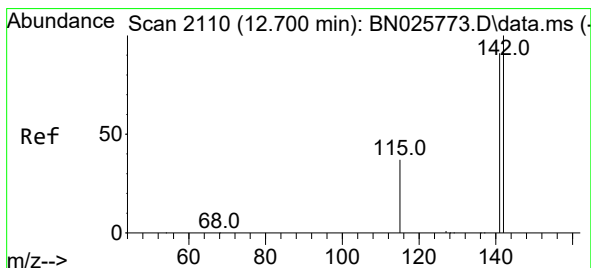
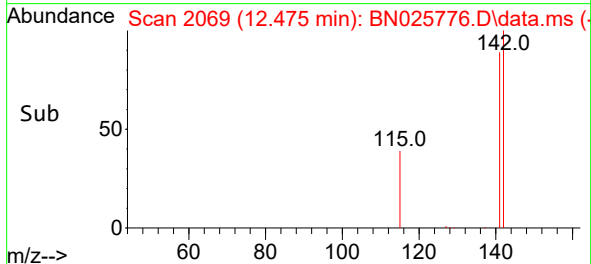
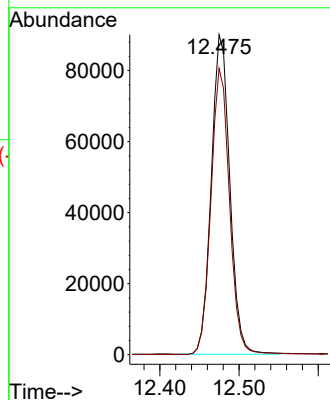
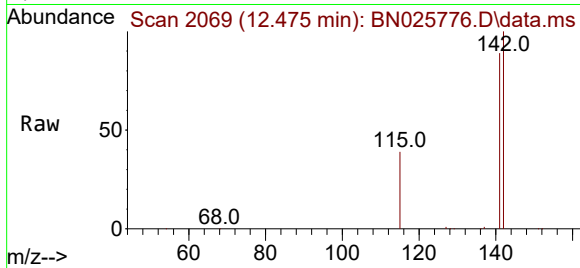




#7
2-Methylnaphthalene
Concen: 3.304 ng/ul
RT: 12.475 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

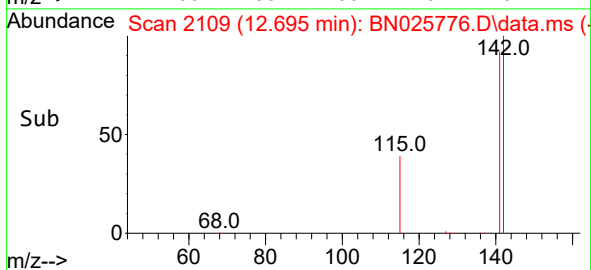
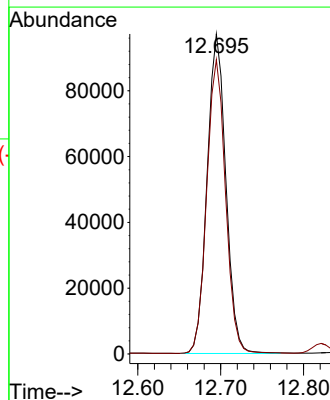
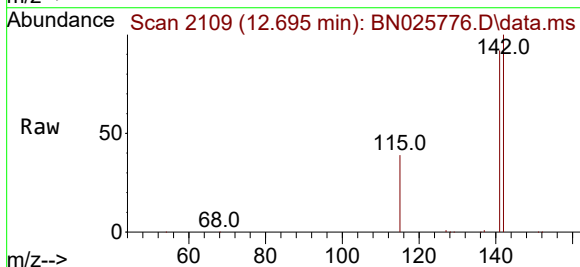
Instrument :
BNA_N
ClientSampleId :
SSTD3.2221

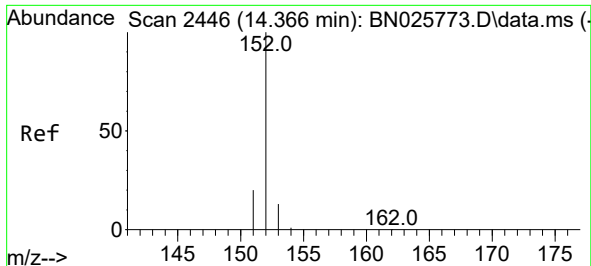
Tgt Ion:142 Resp: 146263
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2



#8
1-Methylnaphthalene
Concen: 3.135 ng/ul
RT: 12.695 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

Tgt Ion:142 Resp: 152662
Ion Ratio Lower Upper
142 100
141 92.2 74.0 111.0

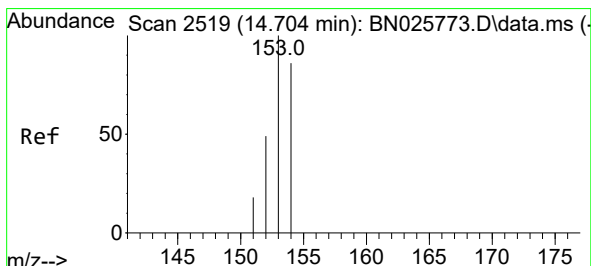
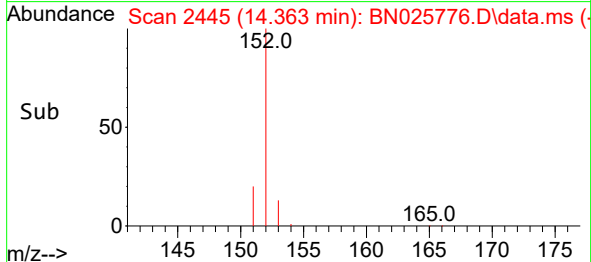
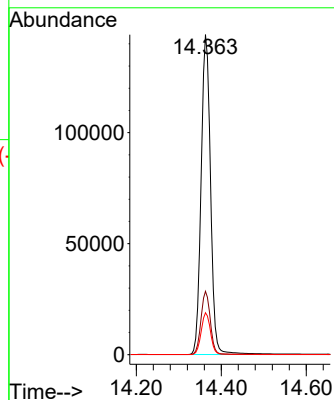
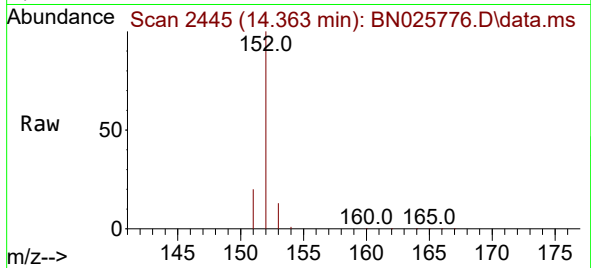




#10
Acenaphthylene
Concen: 3.246 ng/ul
RT: 14.363 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

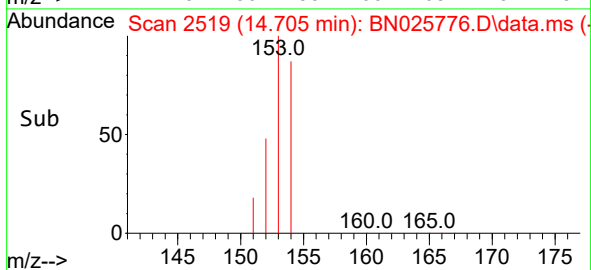
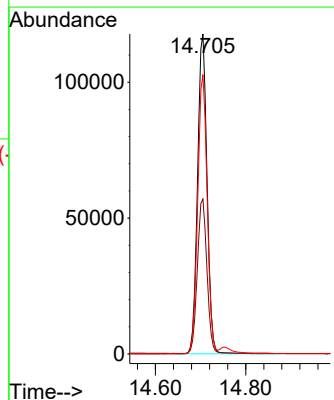
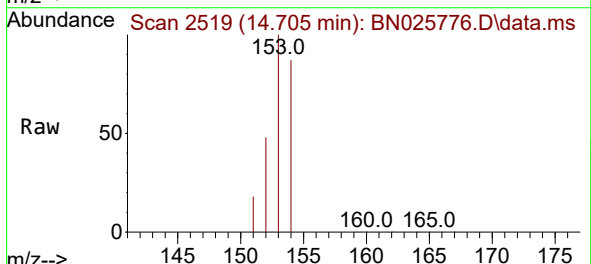
Instrument :
BNA_N
ClientSampleId :
SSTD3.2221

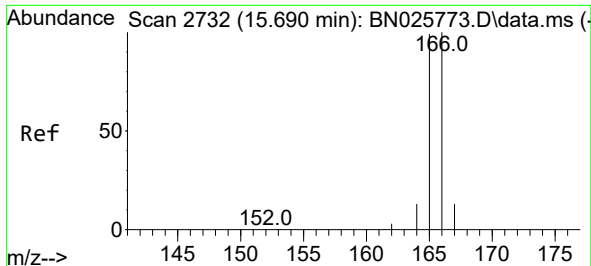
Tgt Ion:152 Resp: 222196
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.1 10.7 16.1



#11
Acenaphthene
Concen: 3.014 ng/ul
RT: 14.705 min Scan# 2519
Delta R.T. 0.001 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

Tgt Ion:153 Resp: 172132
Ion Ratio Lower Upper
153 100
152 48.4 39.5 59.3
154 87.3 68.8 103.2

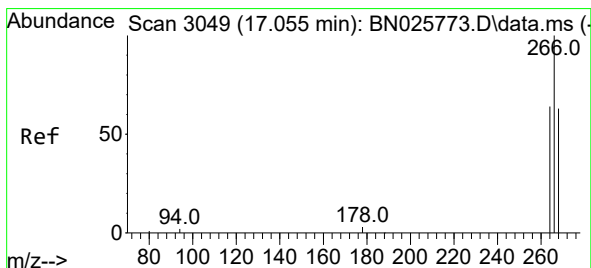
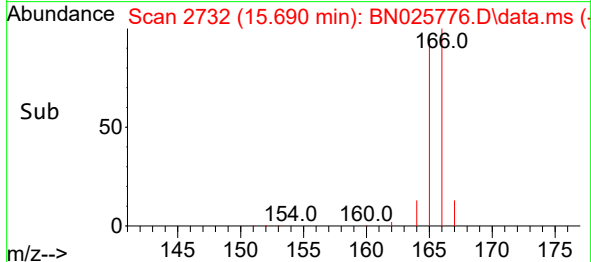
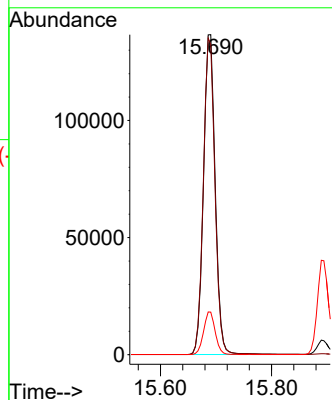
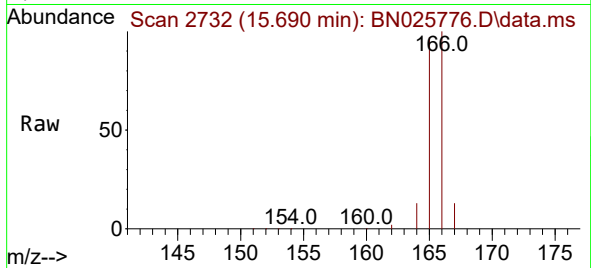




#12
Fluorene
Concen: 3.145 ng/ul
RT: 15.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

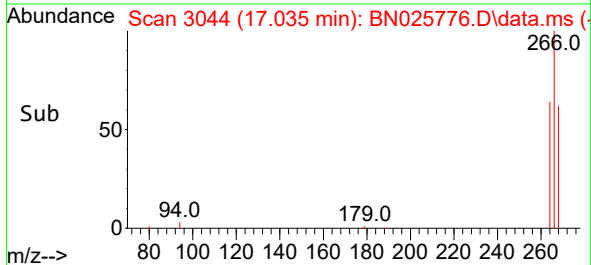
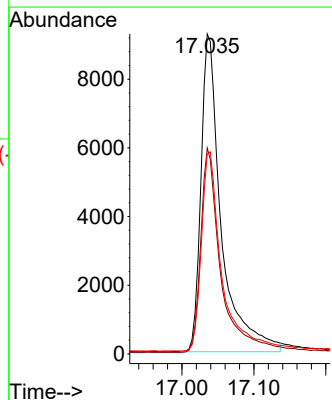
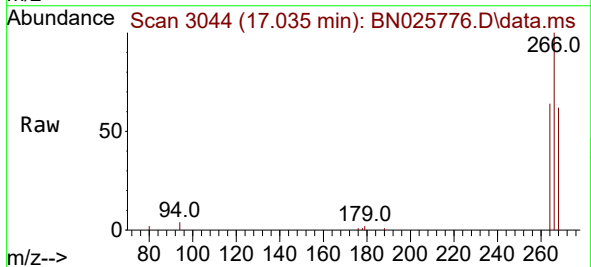
Instrument :
BNA_N
ClientSampleId :
SSTD3.2221

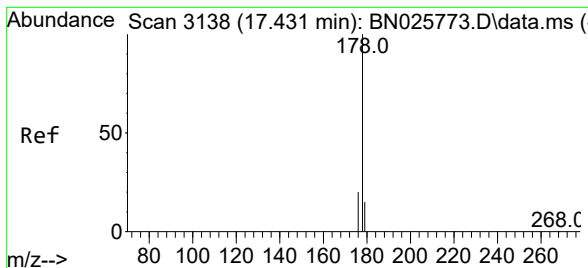
Tgt Ion:166 Resp: 199861
Ion Ratio Lower Upper
166 100
165 96.9 79.2 118.8
167 13.3 11.0 16.6



#14
Pentachlorophenol
Concen: 4.944 ng/ul
RT: 17.035 min Scan# 3044
Delta R.T. -0.020 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

Tgt Ion:266 Resp: 18146
Ion Ratio Lower Upper
266 100
264 63.2 48.2 72.4
268 63.2 48.2 72.4





#15

Phenanthrene

Concen: 3.082 ng/ul

RT: 17.428 min Scan# 3137

Delta R.T. -0.003 min

Lab File: BN025776.D

Acq: 09 Jun 2023 14:43

Instrument :

BNA_N

ClientSampleId :

SSTD3.2221

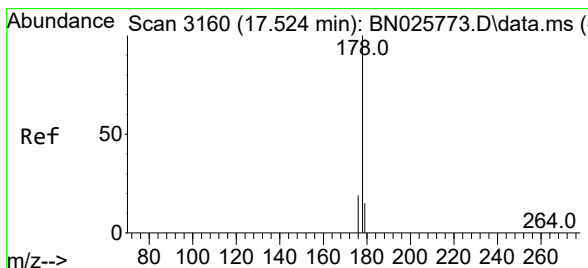
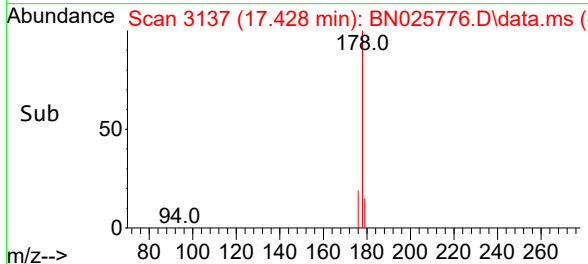
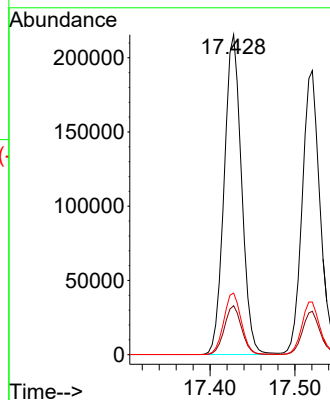
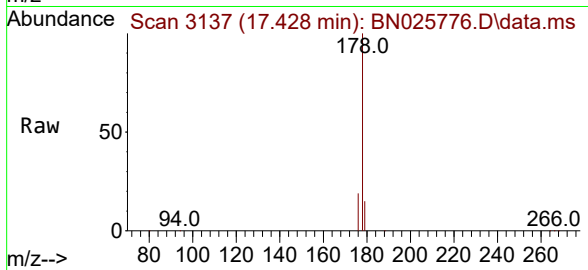
Tgt Ion:178 Resp: 306545

Ion Ratio Lower Upper

178 100

179 15.3 12.6 18.8

176 19.2 15.8 23.8



#16

Anthracene

Concen: 3.412 ng/ul

RT: 17.521 min Scan# 3159

Delta R.T. -0.003 min

Lab File: BN025776.D

Acq: 09 Jun 2023 14:43

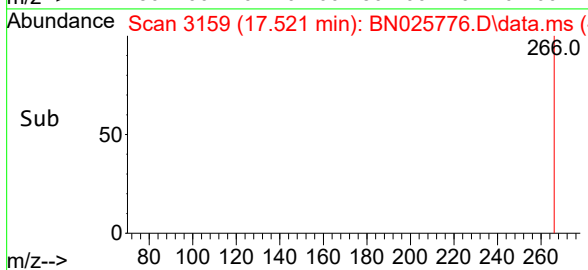
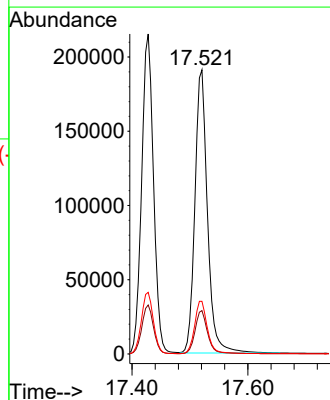
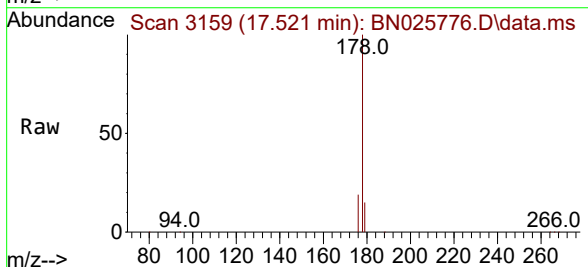
Tgt Ion:178 Resp: 286583

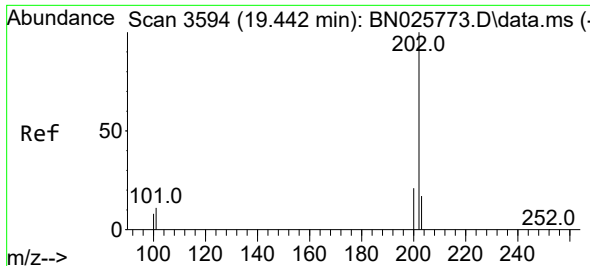
Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

176 18.6 15.4 23.2

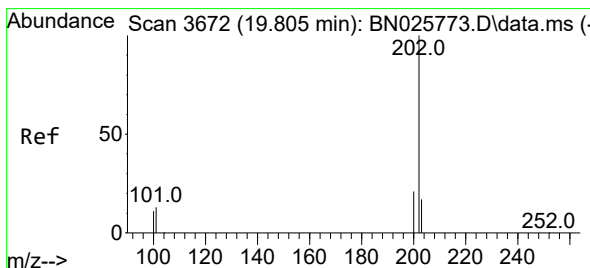
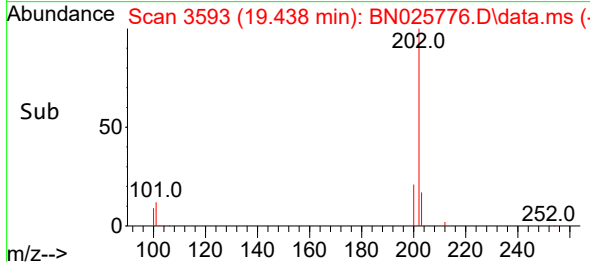
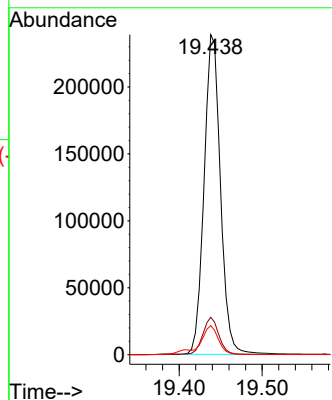
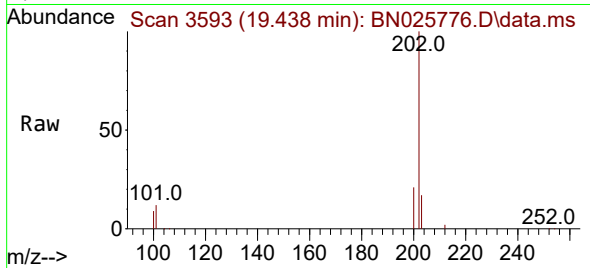




#19
Fluoranthene
Concen: 3.186 ng/ul
RT: 19.438 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

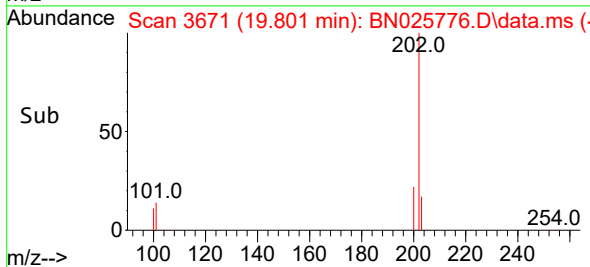
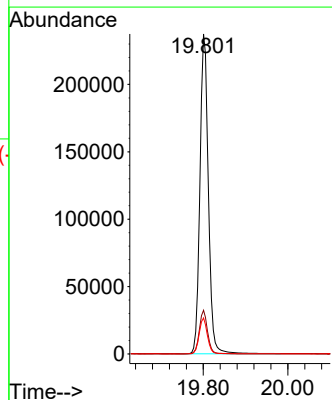
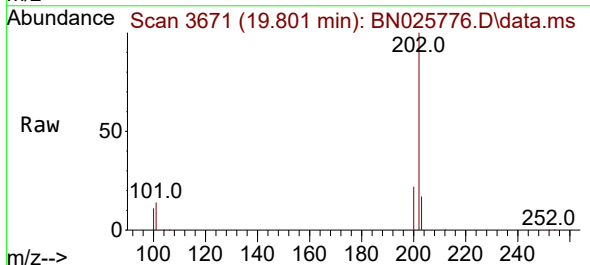
Instrument :
BNA_N
ClientSampleId :
SSTD3.2221

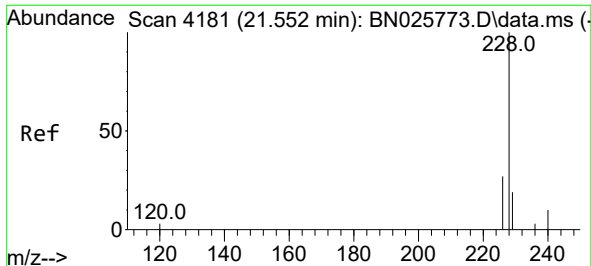
Tgt Ion:202 Resp: 328334
Ion Ratio Lower Upper
202 100
101 11.7 9.1 13.7
100 9.1 7.0 10.6



#20
Pyrene
Concen: 3.062 ng/ul
RT: 19.801 min Scan# 3671
Delta R.T. -0.004 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

Tgt Ion:202 Resp: 326534
Ion Ratio Lower Upper
202 100
101 13.6 10.4 15.6
100 11.2 8.8 13.2

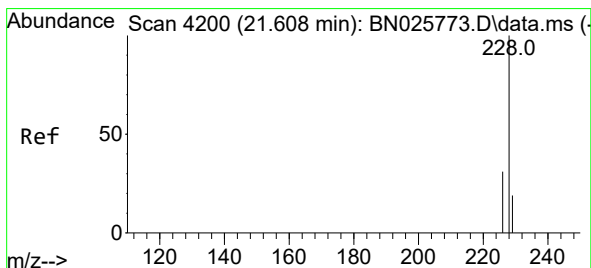
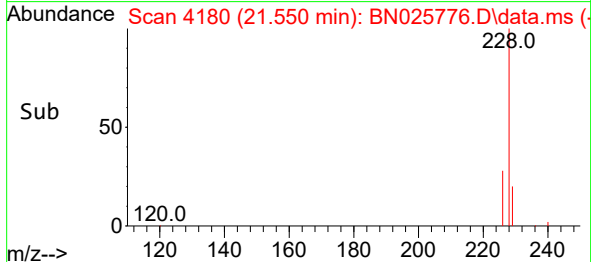
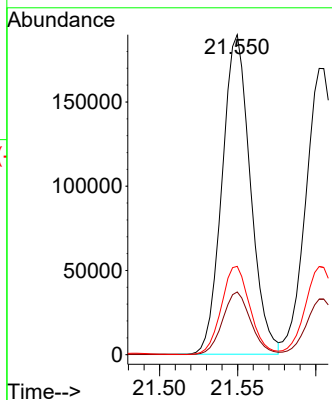
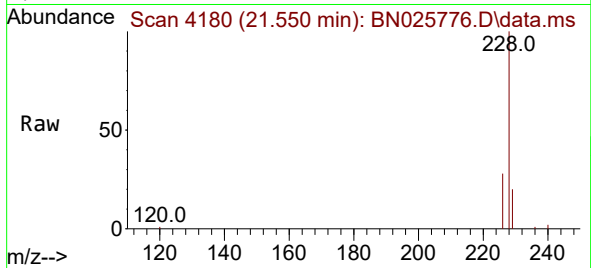




#21
Benzo(a)anthracene
Concen: 3.333 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. -0.002 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

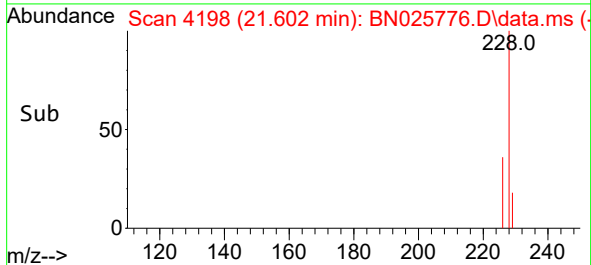
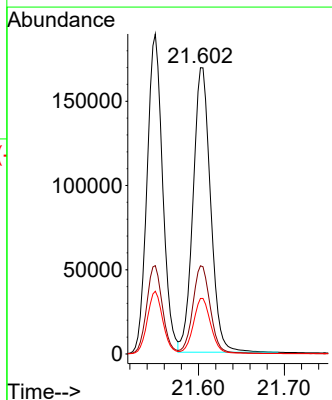
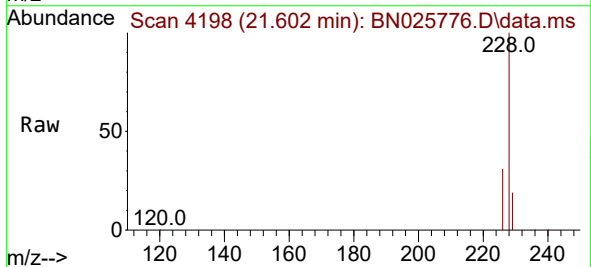
Instrument :
BNA_N
ClientSampleId :
SSTD3.2221

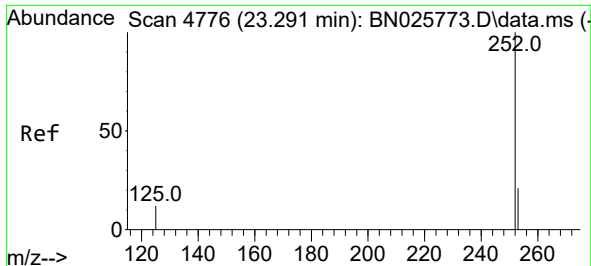
Tgt Ion:228 Resp: 239376
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 27.6 22.0 33.0



#22
Chrysene
Concen: 2.917 ng/ul
RT: 21.602 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

Tgt Ion:228 Resp: 239540
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 19.4 15.7 23.5

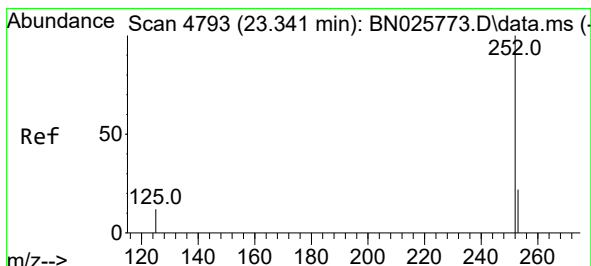
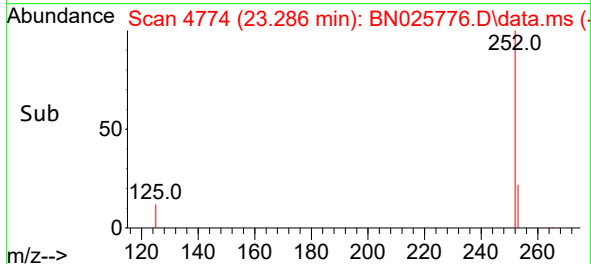
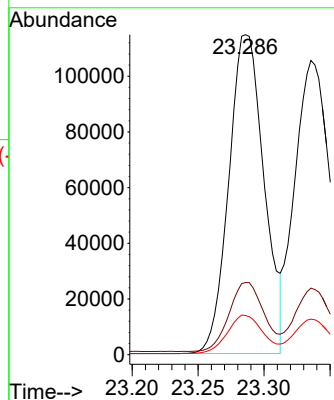
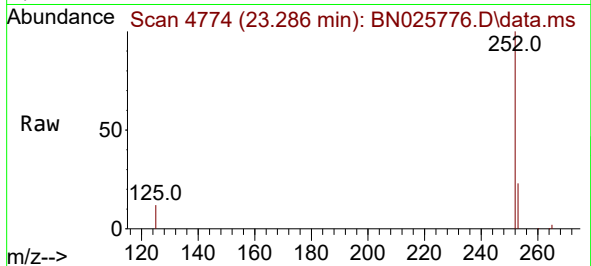




#24
Benzo(b)fluoranthene
Concen: 3.323 ng/ul
RT: 23.286 min Scan# 4774
Delta R.T. -0.005 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

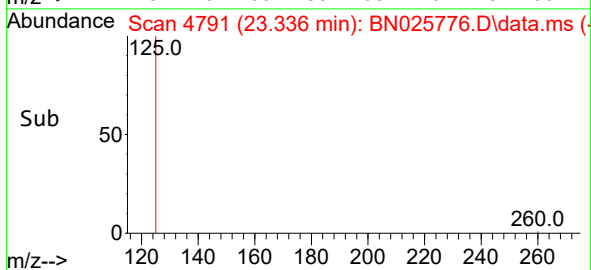
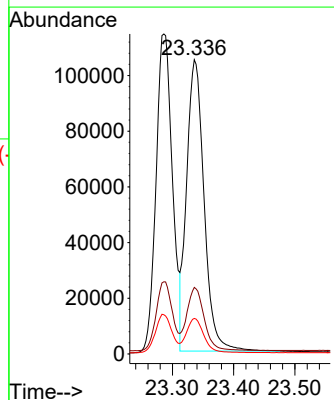
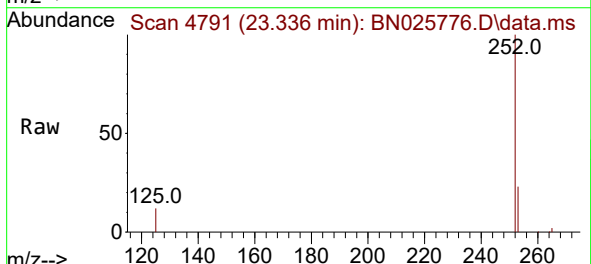
Instrument :
BNA_N
ClientSampleId :
SSTD3.2221

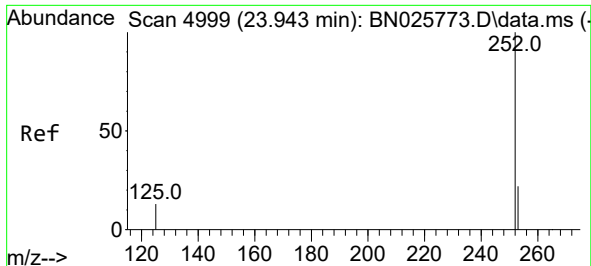
Tgt Ion:252 Resp: 212930
Ion Ratio Lower Upper
252 100
253 22.5 0.0 56.0
125 12.3 0.0 28.0



#25
Benzo(k)fluoranthene
Concen: 3.231 ng/ul
RT: 23.336 min Scan# 4791
Delta R.T. -0.005 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

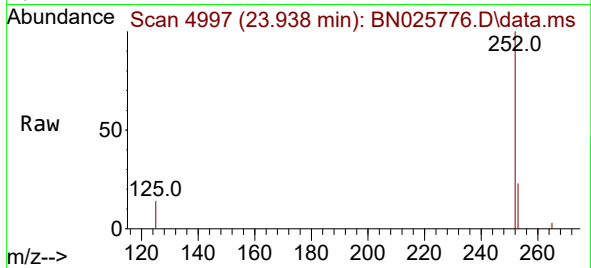
Tgt Ion:252 Resp: 207620
Ion Ratio Lower Upper
252 100
253 22.6 23.3 34.9#
125 12.1 11.6 17.4



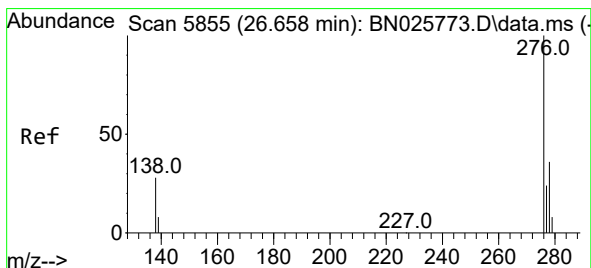
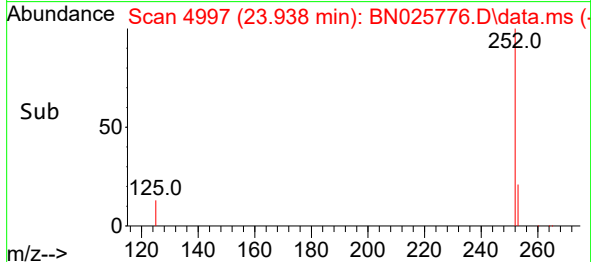
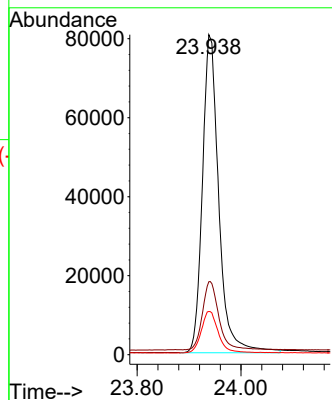


#26
Benzo(a)pyrene
Concen: 3.233 ng/ul
RT: 23.938 min Scan# 4997
Delta R.T. -0.005 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

Instrument :
BNA_N
ClientSampleId :
SSTD3.2221

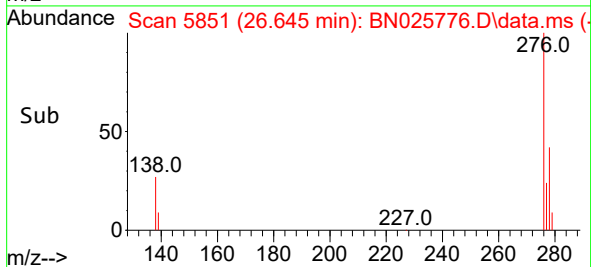
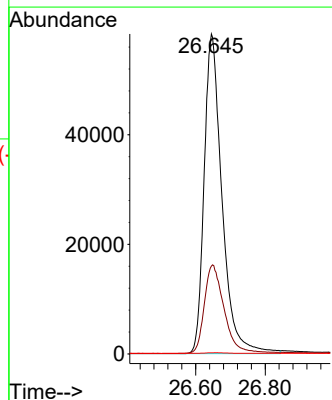
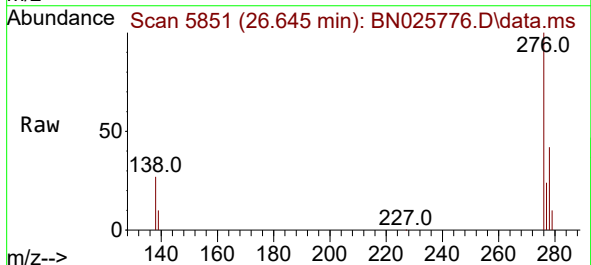


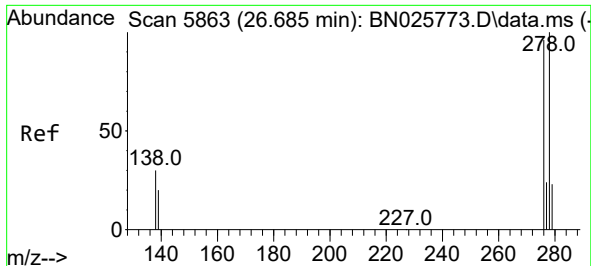
Tgt Ion:252 Resp: 175567
Ion Ratio Lower Upper
252 100
253 22.8 25.8 38.8#
125 13.5 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.366 ng/ul
RT: 26.645 min Scan# 5851
Delta R.T. -0.013 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

Tgt Ion:276 Resp: 208368
Ion Ratio Lower Upper
276 100
138 30.7 24.6 36.8
227 0.2 0.0 0.0#

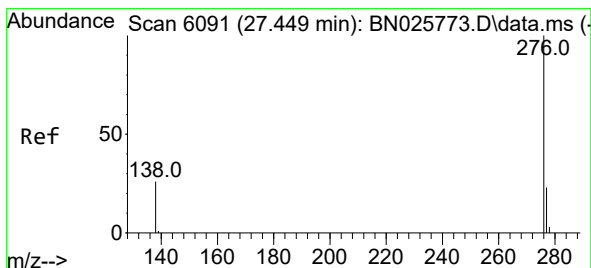
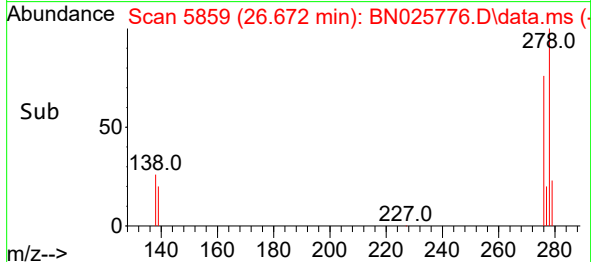
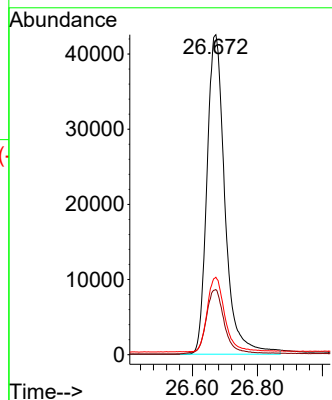
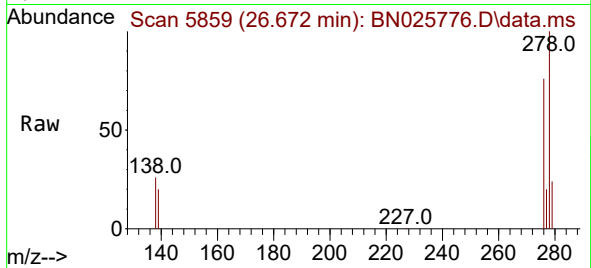




#28
Dibenzo(a,h)anthracene
Concen: 3.493 ng/ul
RT: 26.672 min Scan# 5859
Delta R.T. -0.013 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

Instrument :
BNA_N
ClientSampleId :
SSTD3.2221

Tgt Ion:278 Resp: 163732
Ion Ratio Lower Upper
278 100
139 20.4 17.9 26.9
279 24.2 25.3 37.9#



#29
Benzo(g,h,i)perylene
Concen: 3.152 ng/ul
RT: 27.443 min Scan# 6089
Delta R.T. -0.006 min
Lab File: BN025776.D
Acq: 09 Jun 2023 14:43

Tgt Ion:276 Resp: 175188
Ion Ratio Lower Upper
276 100
138 26.3 21.8 32.8
277 23.5 19.4 29.2

