

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050423\
 Data File : BN025264.D
 Acq On : 04 May 2023 14:46
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4293

Quant Time: May 05 04:46:41 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 : Wed May 03 15:28:32 2023
 Response via : Initial Calibration

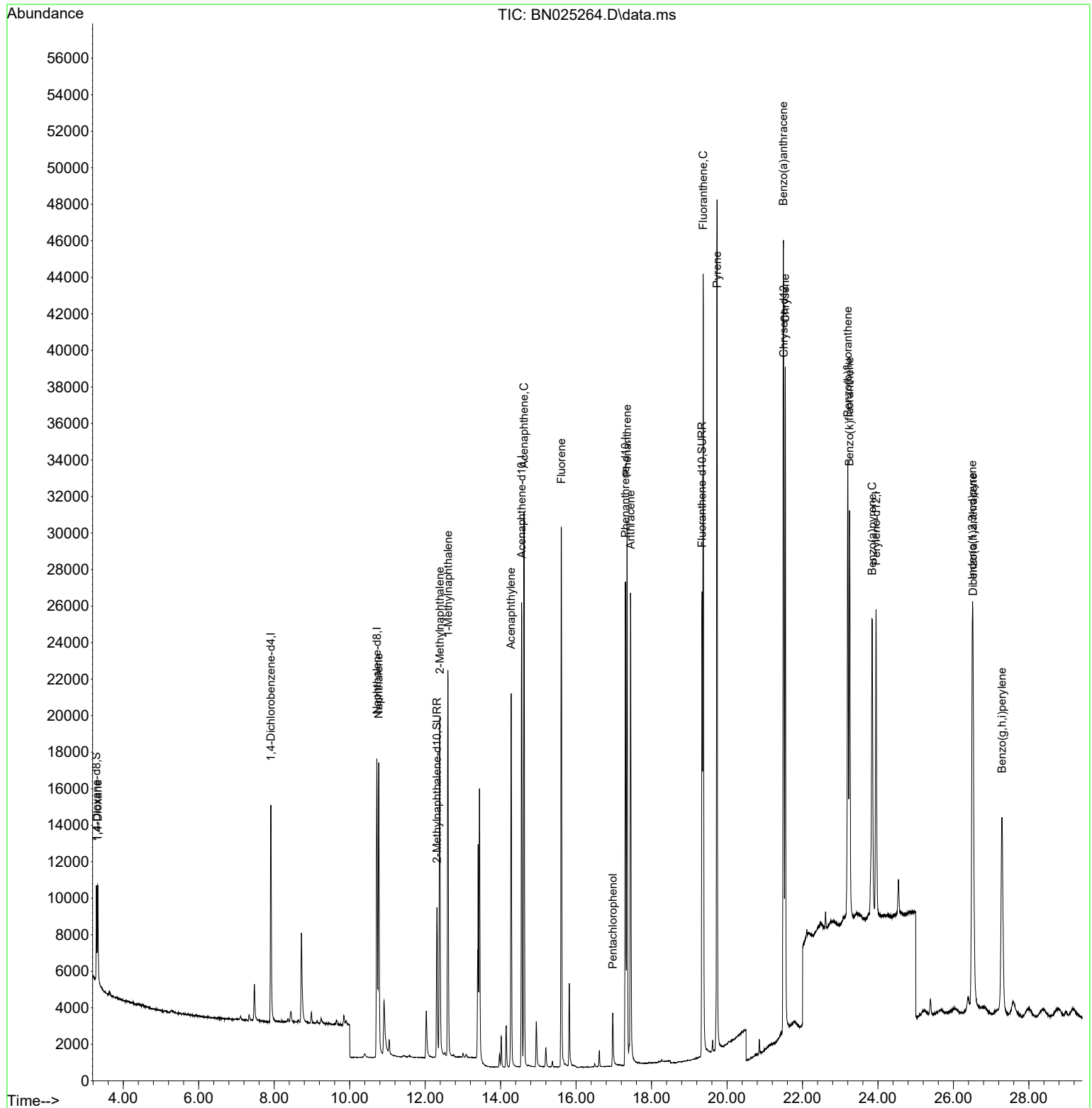
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	7030	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	22731	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.556	164	14086	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	30750	0.400	ng/ul	0.00
17) Chrysene-d12	21.505	240	24011	0.400	ng/ul	0.00
23) Perylene-d12	23.949	264	22699	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	2993	0.411	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	11926	0.409	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	28206	0.445	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.327	88	3291	0.420	ng/ul#	29
5) Naphthalene	10.770	128	23123	0.397	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	14377	0.403	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	15363	0.404	ng/ul	99
10) Acenaphthylene	14.279	152	23921	0.456	ng/ul	100
11) Acenaphthene	14.621	153	17519	0.396	ng/ul	98
12) Fluorene	15.611	166	19947	0.403	ng/ul	100
14) Pentachlorophenol	16.971	266	2474	0.410	ng/ul	100
15) Phenanthrene	17.351	178	32468	0.374	ng/ul	99
16) Anthracene	17.444	178	30391	0.428	ng/ul	100
19) Fluoranthene	19.368	202	38305	0.441	ng/ul	98
20) Pyrene	19.735	202	40379	0.453	ng/ul	99
21) Benzo(a)anthracene	21.491	228	32990	0.456	ng/ul	97
22) Chrysene	21.543	228	32868	0.416	ng/ul	98
24) Benzo(b)fluoranthene	23.201	252	31756	0.345	ng/ul	92
25) Benzo(k)fluoranthene	23.247	252	32325	0.365	ng/ul#	91
26) Benzo(a)pyrene	23.847	252	26903	0.353	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.500	276	31204	0.355	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.521	278	24658	0.360	ng/ul#	89
29) Benzo(g,h,i)perylene	27.285	276	26000	0.348	ng/ul#	92

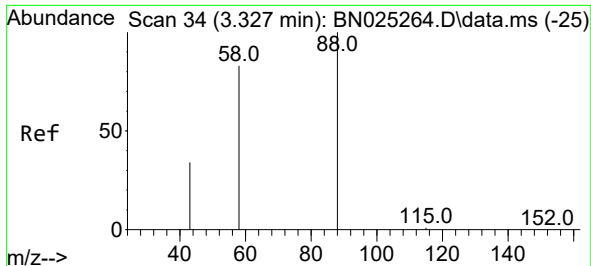
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050423\
Data File : BN025264.D
Acq On : 04 May 2023 14:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4293

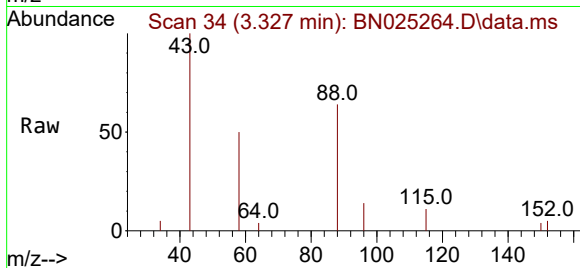
Quant Time: May 05 04:46:41 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration



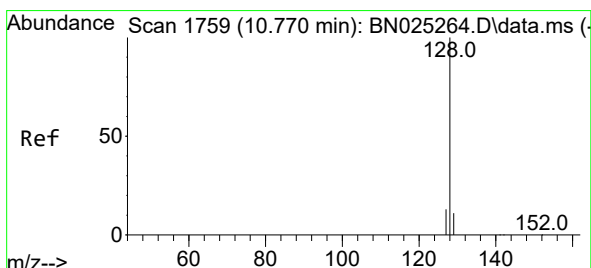
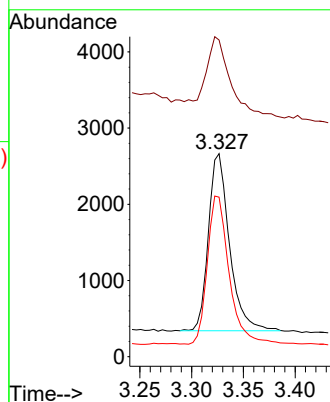
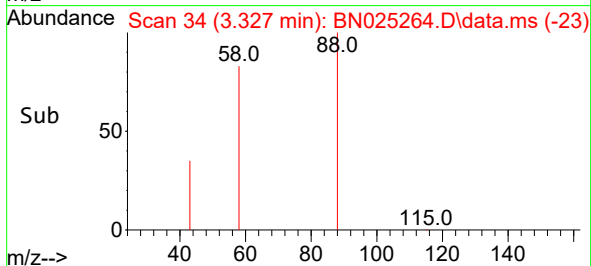


#2
1,4-Dioxane
Concen: 0.420 ng/ul
RT: 3.327 min Scan# 34
Delta R.T. -0.004 min
Lab File: BN025264.D
Acq: 04 May 2023 14:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.4293

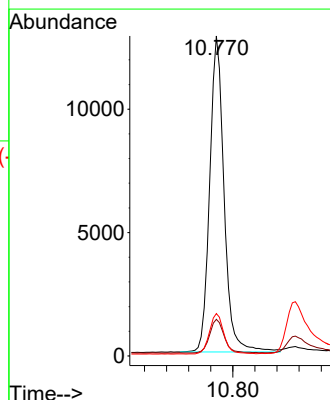
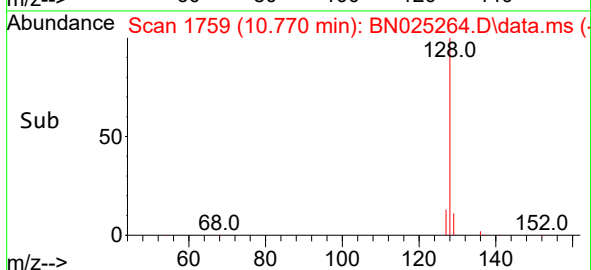
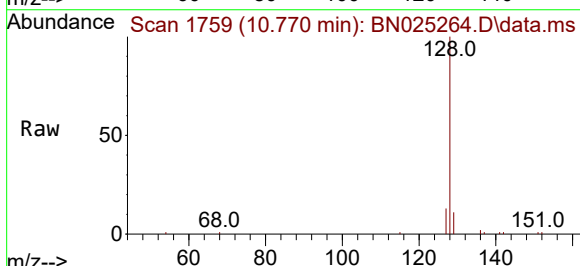


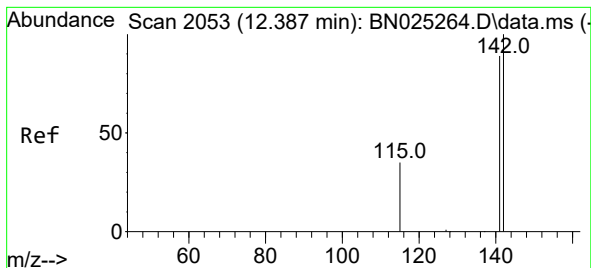
Tgt Ion: 88 Resp: 3291
Ion Ratio Lower Upper
88 100
43 156.0 37.0 55.4#
58 78.6 56.9 85.3



#5
Naphthalene
Concen: 0.397 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. 0.002 min
Lab File: BN025264.D
Acq: 04 May 2023 14:46

Tgt Ion:128 Resp: 23123
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.3 10.7 16.1

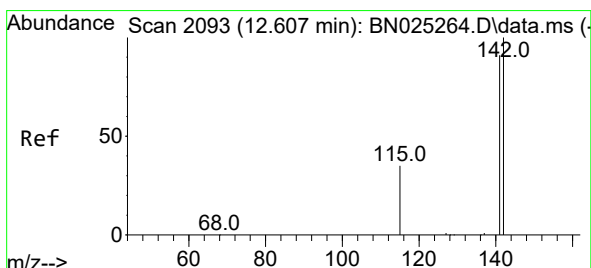
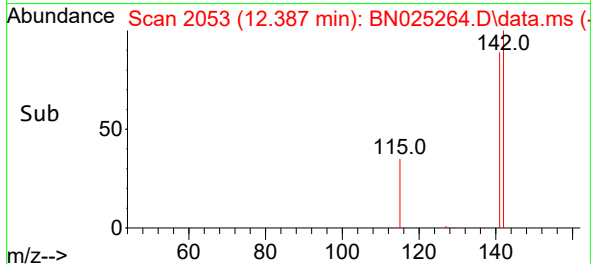
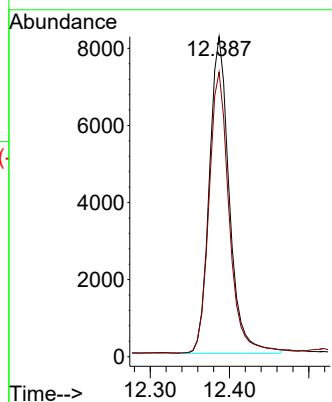
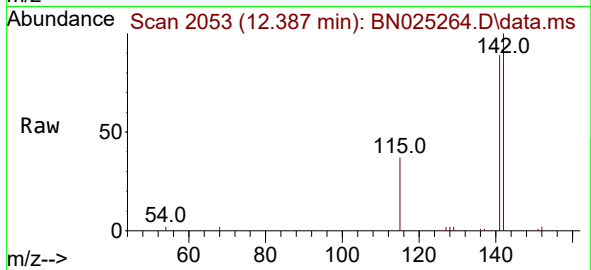




#7
2-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025264.D
Acq: 04 May 2023 14:46

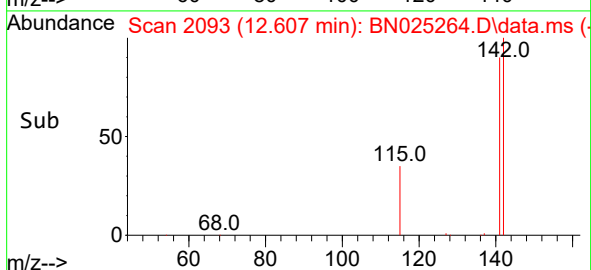
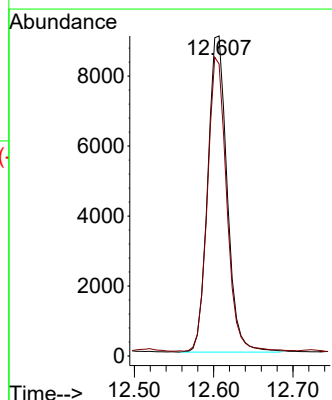
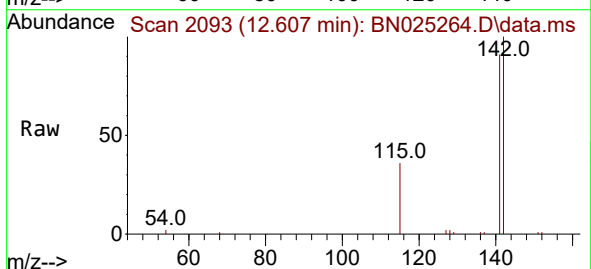
Instrument :
BNA_N
ClientSampleId :
SSTD0.4293

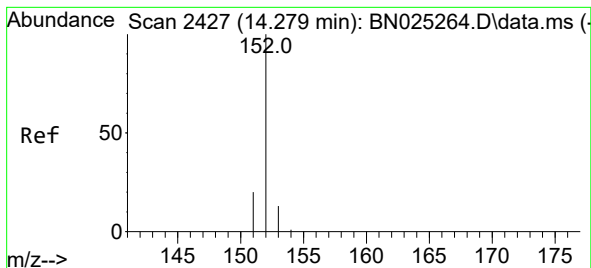
Tgt Ion:142 Resp: 14377
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025264.D
Acq: 04 May 2023 14:46

Tgt Ion:142 Resp: 15363
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.6





#10

Acenaphthylene

Concen: 0.456 ng/ul

RT: 14.279 min Scan# 2427

Delta R.T. 0.001 min

Lab File: BN025264.D

Acq: 04 May 2023 14:46

Instrument :

BNA_N

ClientSampleId :

SSTD0.4293

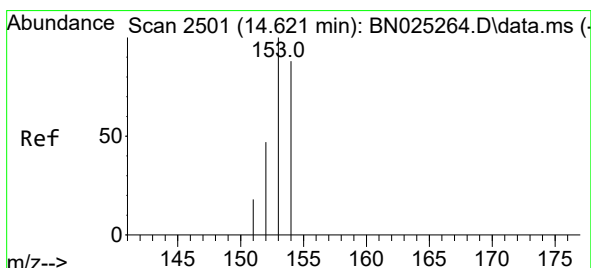
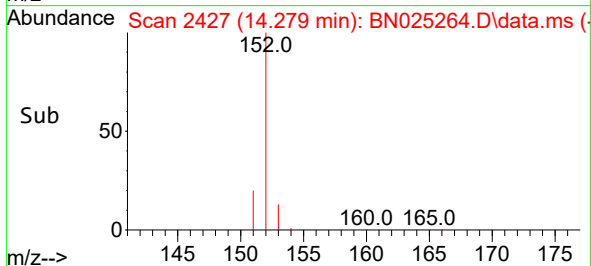
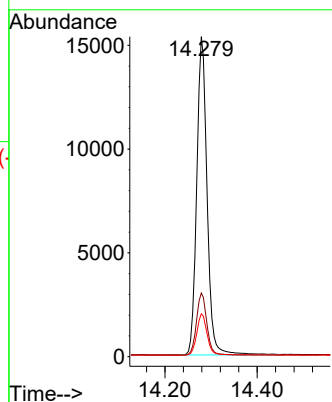
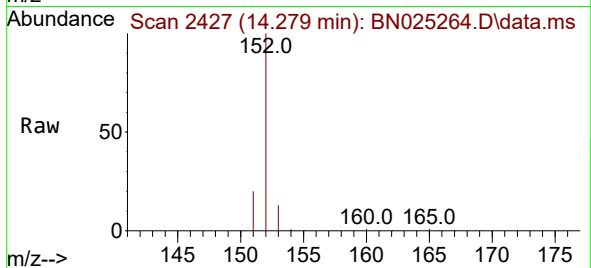
Tgt Ion:152 Resp: 23921

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.4 10.8 16.2



#11

Acenaphthene

Concen: 0.396 ng/ul

RT: 14.621 min Scan# 2501

Delta R.T. 0.001 min

Lab File: BN025264.D

Acq: 04 May 2023 14:46

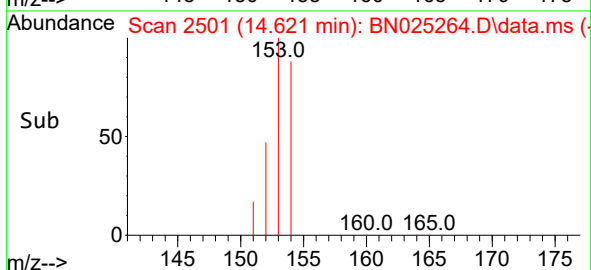
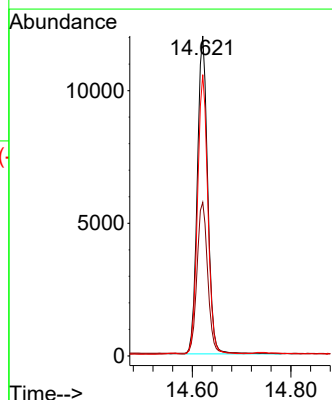
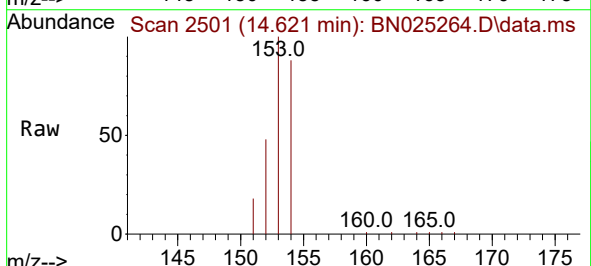
Tgt Ion:153 Resp: 17519

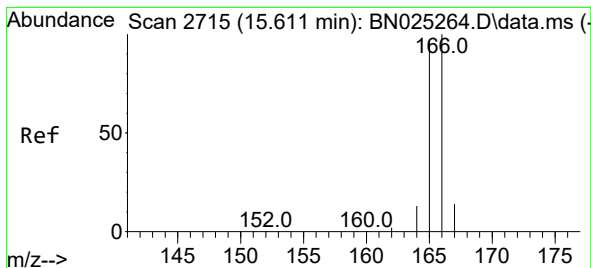
Ion Ratio Lower Upper

153 100

152 48.0 40.2 60.4

154 87.9 69.4 104.2





#12

Fluorene

Concen: 0.403 ng/ul

RT: 15.611 min Scan# 2715

Delta R.T. 0.001 min

Lab File: BN025264.D

Acq: 04 May 2023 14:46

Instrument :

BNA_N

ClientSampleId :

SSTD0.4293

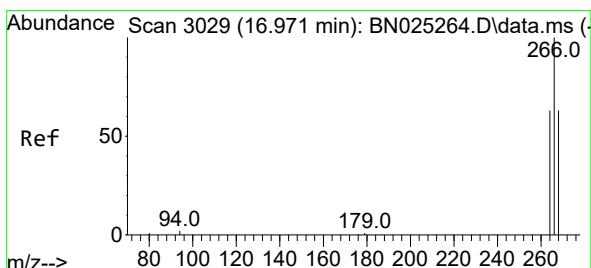
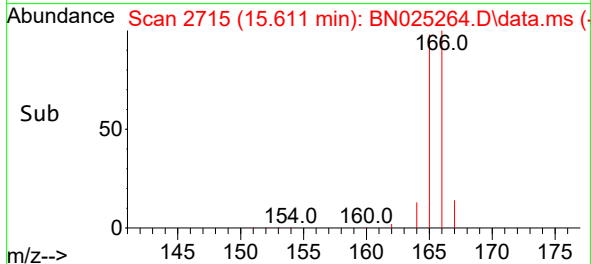
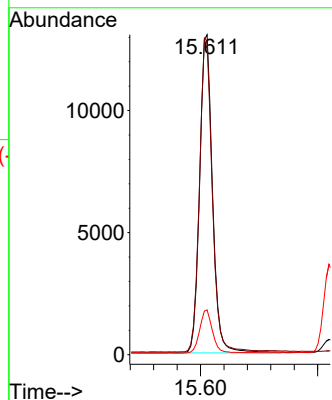
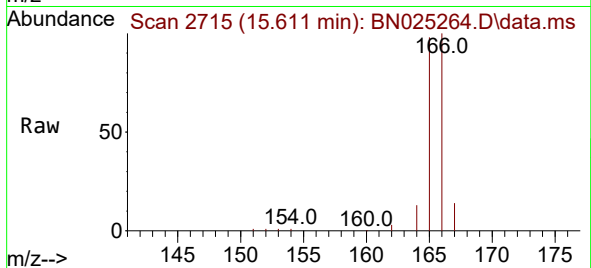
Tgt Ion:166 Resp: 19947

Ion Ratio Lower Upper

166 100

165 97.8 78.1 117.1

167 14.0 11.0 16.6



#14

Pentachlorophenol

Concen: 0.410 ng/ul

RT: 16.971 min Scan# 3029

Delta R.T. 0.005 min

Lab File: BN025264.D

Acq: 04 May 2023 14:46

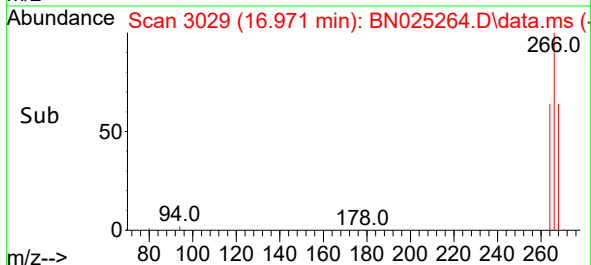
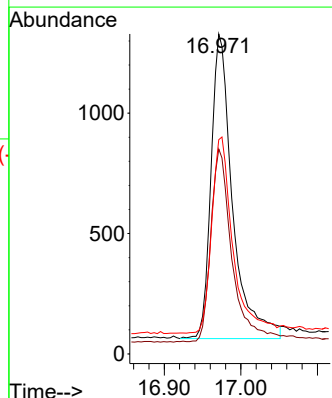
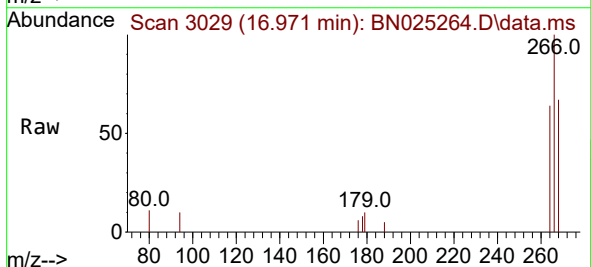
Tgt Ion:266 Resp: 2474

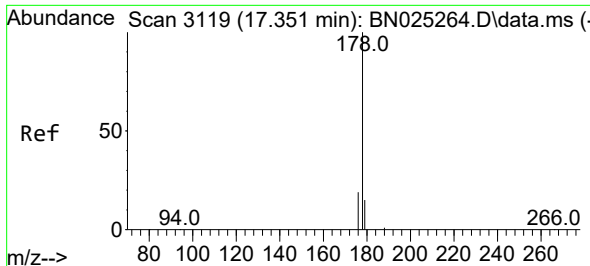
Ion Ratio Lower Upper

266 100

264 62.1 49.6 74.4

268 63.8 51.3 76.9

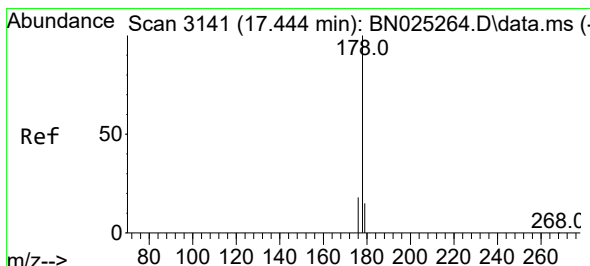
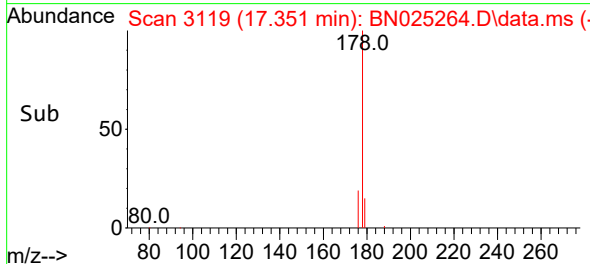
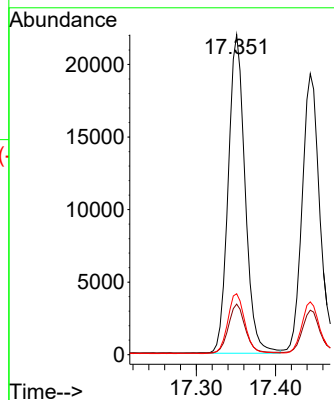
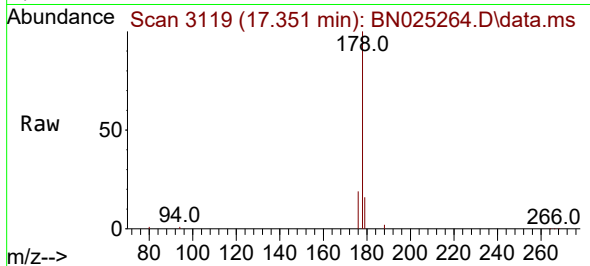




#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025264.D
Acq: 04 May 2023 14:46

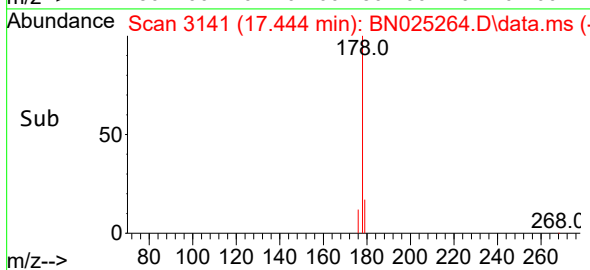
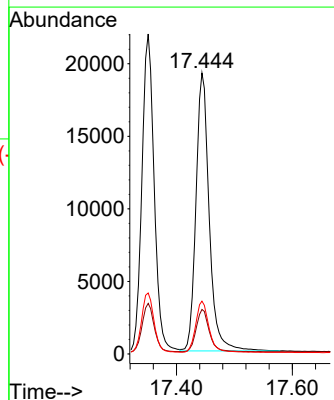
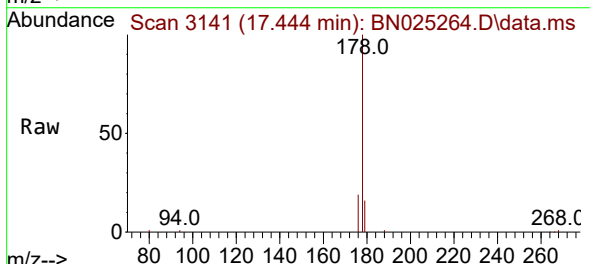
Instrument :
BNA_N
ClientSampleId :
SSTD0.4293

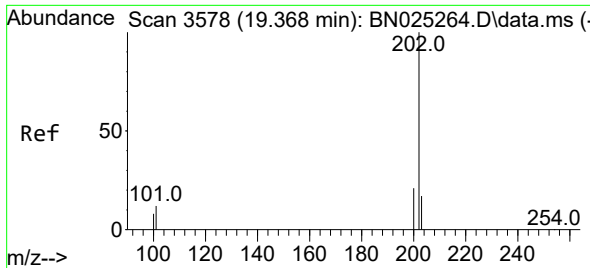
Tgt Ion:178 Resp: 32468
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.1 15.6 23.4



#16
Anthracene
Concen: 0.428 ng/ul
RT: 17.444 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025264.D
Acq: 04 May 2023 14:46

Tgt Ion:178 Resp: 30391
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 18.8 15.3 22.9

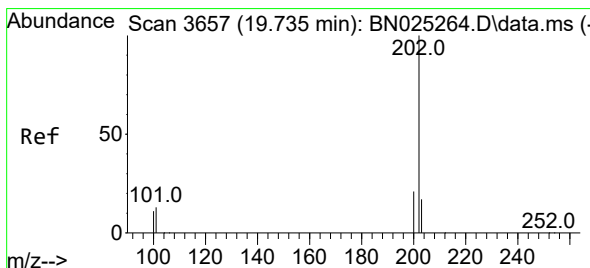
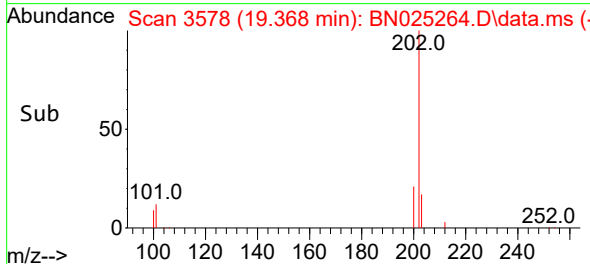
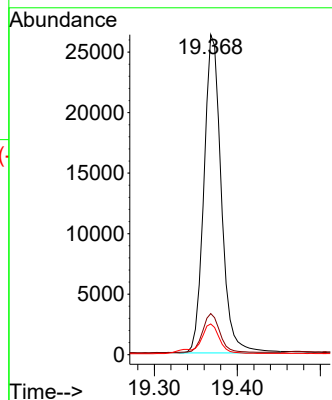
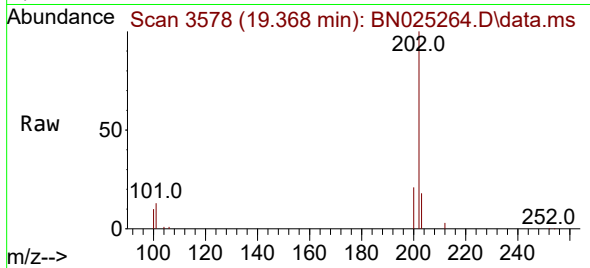




#19
Fluoranthene
Concen: 0.441 ng/ul
RT: 19.368 min Scan# 3578
Delta R.T. -0.003 min
Lab File: BN025264.D
Acq: 04 May 2023 14:46

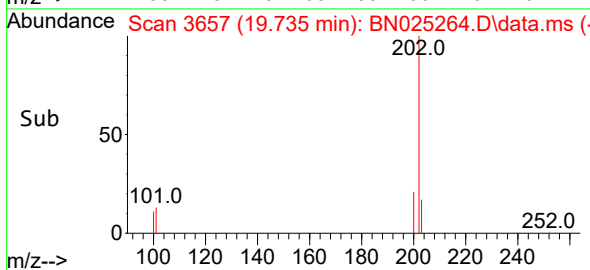
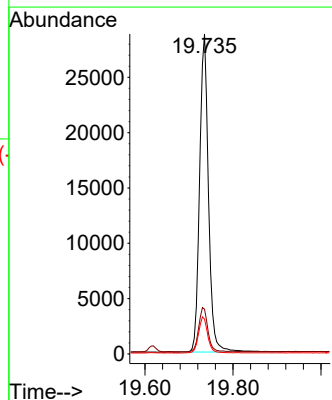
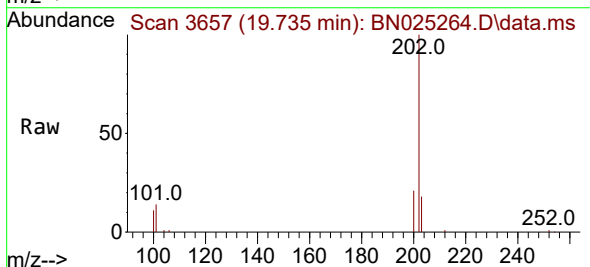
Instrument :
BNA_N
ClientSampleId :
SSTD0.4293

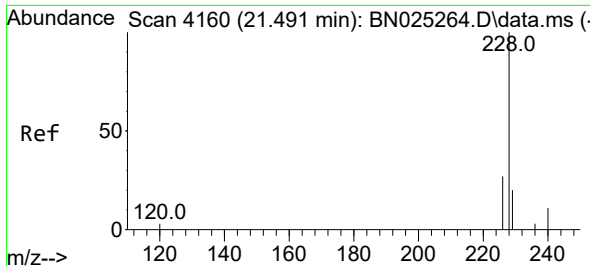
Tgt Ion:202 Resp: 38305
Ion Ratio Lower Upper
202 100
101 12.9 9.7 14.5
100 9.6 7.3 10.9



#20
Pyrene
Concen: 0.453 ng/ul
RT: 19.735 min Scan# 3657
Delta R.T. 0.001 min
Lab File: BN025264.D
Acq: 04 May 2023 14:46

Tgt Ion:202 Resp: 40379
Ion Ratio Lower Upper
202 100
101 14.0 11.3 16.9
100 10.9 9.2 13.8

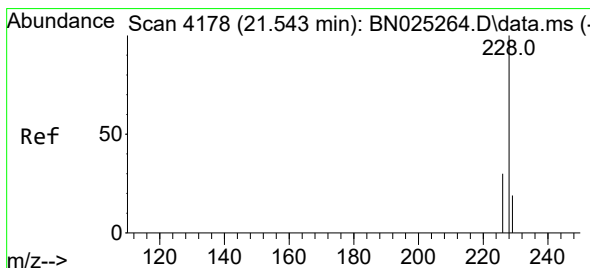
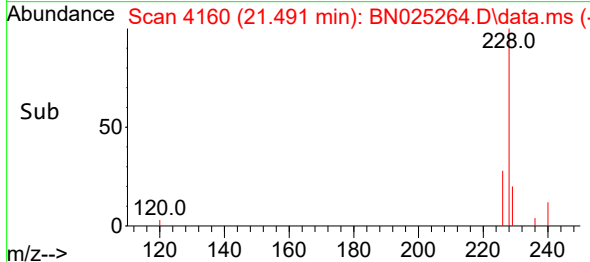
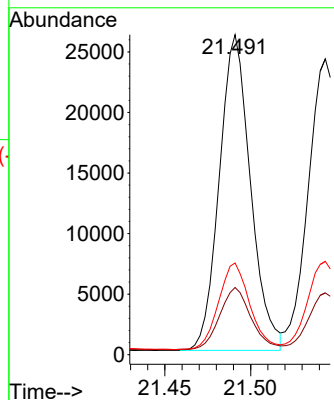
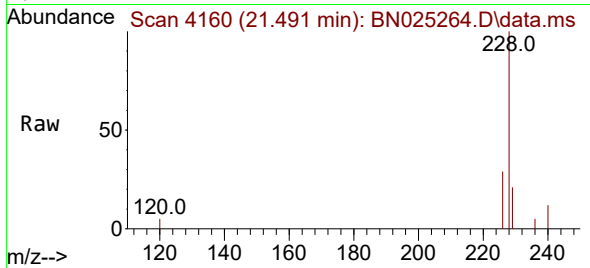




#21
Benzo(a)anthracene
Concen: 0.456 ng/ul
RT: 21.491 min Scan# 4160
Delta R.T. 0.004 min
Lab File: BN025264.D
Acq: 04 May 2023 14:46

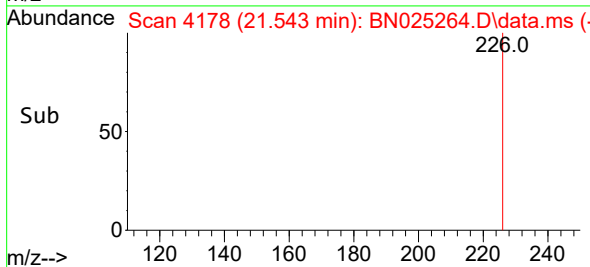
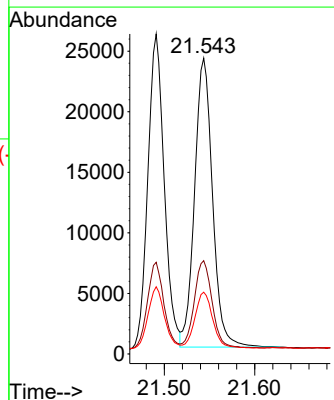
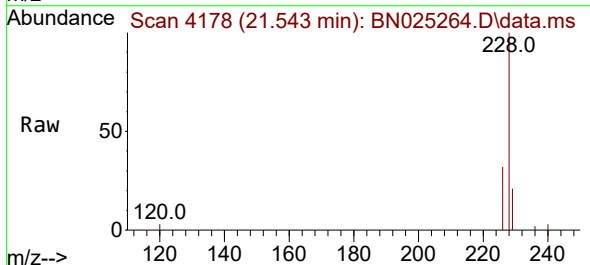
Instrument :
BNA_N
ClientSampleId :
SSTD0.4293

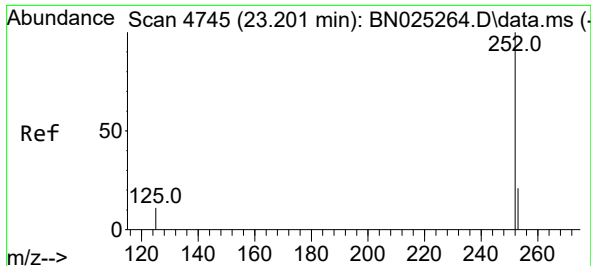
Tgt Ion:228 Resp: 32990
Ion Ratio Lower Upper
228 100
229 21.0 15.6 23.4
226 28.6 22.1 33.1



#22
Chrysene
Concen: 0.416 ng/ul
RT: 21.543 min Scan# 4178
Delta R.T. 0.004 min
Lab File: BN025264.D
Acq: 04 May 2023 14:46

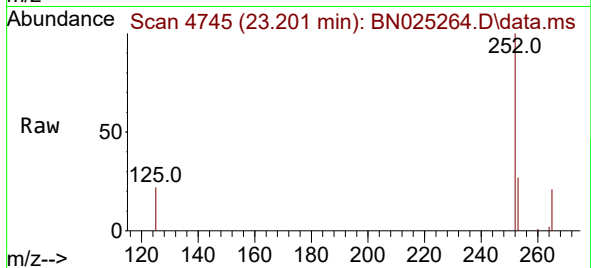
Tgt Ion:228 Resp: 32868
Ion Ratio Lower Upper
228 100
226 31.5 24.5 36.7
229 20.9 15.8 23.6



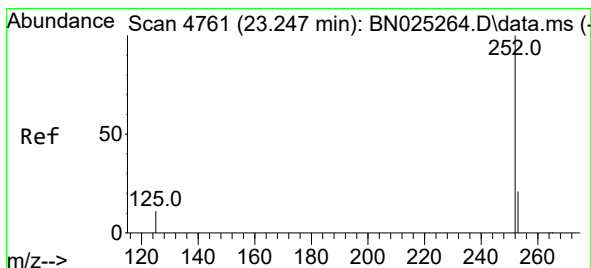
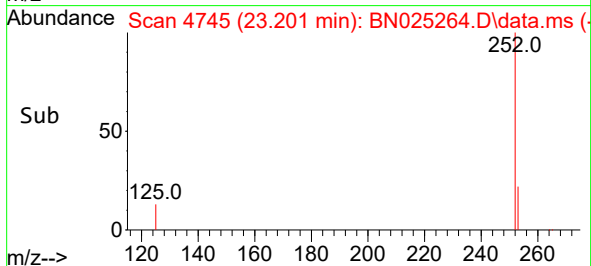
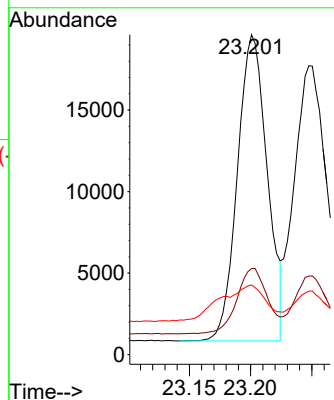


#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul
RT: 23.201 min Scan# 4745
Delta R.T. 0.004 min
Lab File: BN025264.D
Acq: 04 May 2023 14:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.4293

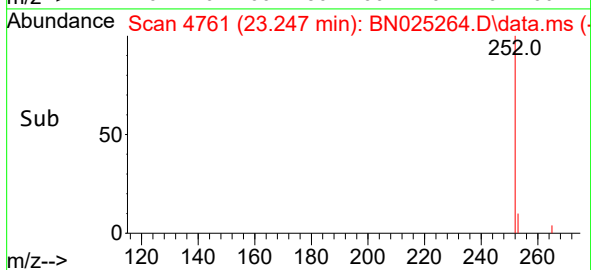
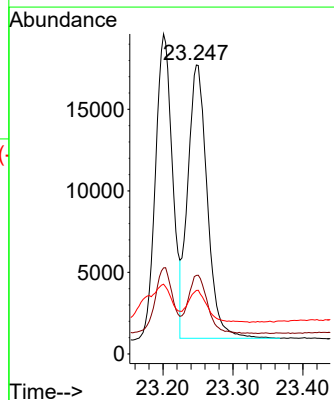
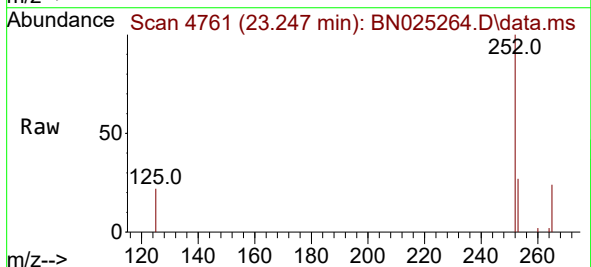


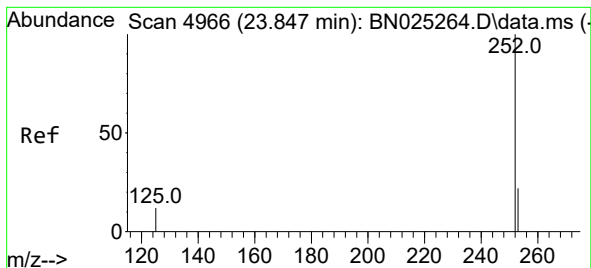
Tgt Ion:252 Resp: 31756
Ion Ratio Lower Upper
252 100
253 26.9 0.0 50.2
125 21.8 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.365 ng/ul
RT: 23.247 min Scan# 4761
Delta R.T. 0.001 min
Lab File: BN025264.D
Acq: 04 May 2023 14:46

Tgt Ion:252 Resp: 32325
Ion Ratio Lower Upper
252 100
253 27.2 20.2 30.4
125 22.0 11.8 17.8#





#26

Benzo(a)pyrene

Concen: 0.353 ng/ul

RT: 23.847 min Scan# 4966

Delta R.T. 0.019 min

Lab File: BN025264.D

Acq: 04 May 2023 14:46

Instrument :

BNA_N

ClientSampleId :

SSTD0.4293

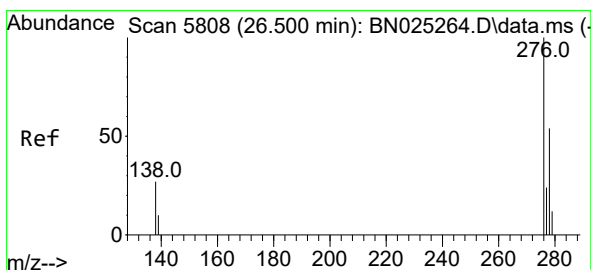
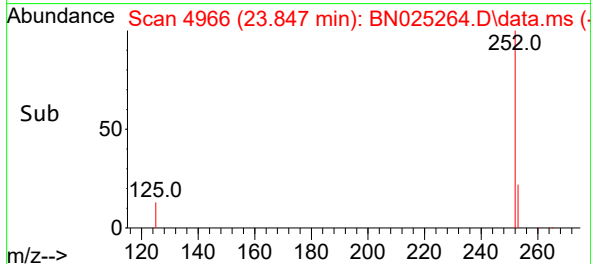
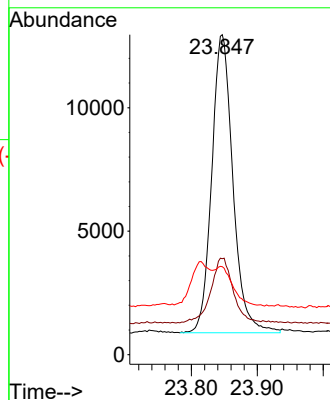
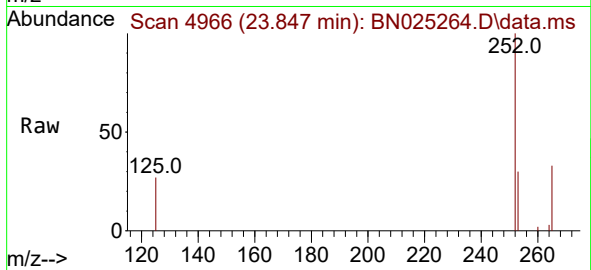
Tgt Ion:252 Resp: 26903

Ion Ratio Lower Upper

252 100

253 30.0 21.4 32.2

125 27.5 14.6 22.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.355 ng/ul

RT: 26.500 min Scan# 5808

Delta R.T. 0.025 min

Lab File: BN025264.D

Acq: 04 May 2023 14:46

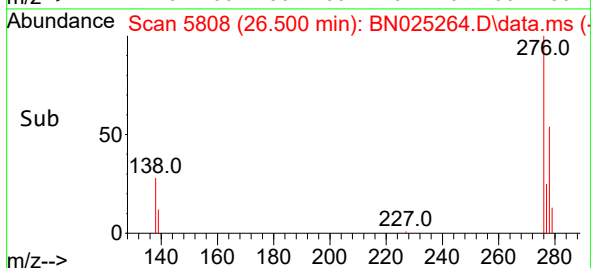
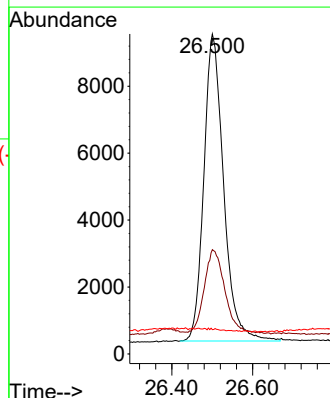
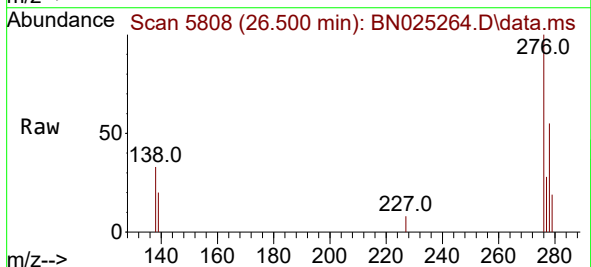
Tgt Ion:276 Resp: 31204

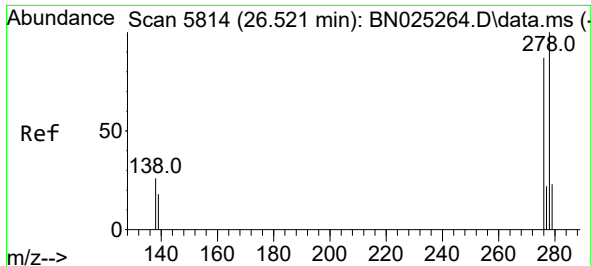
Ion Ratio Lower Upper

276 100

138 28.0 21.9 32.9

227 0.0 0.1 0.1#

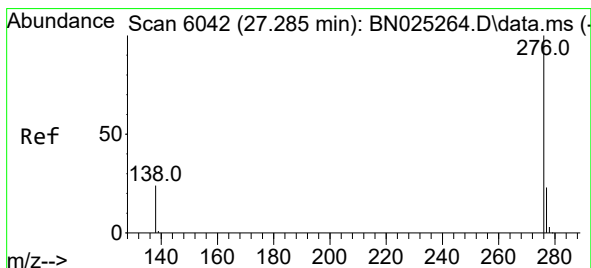
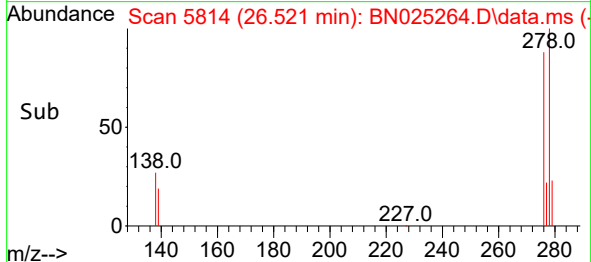
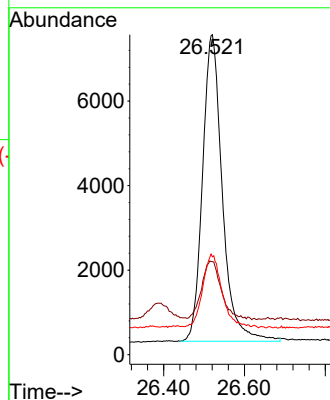
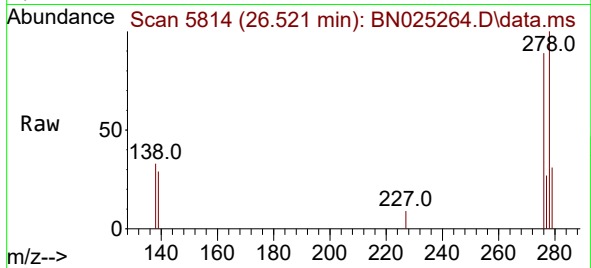




#28
Dibenzo(a,h)anthracene
Concen: 0.360 ng/ul
RT: 26.521 min Scan# 5814
Delta R.T. 0.028 min
Lab File: BN025264.D
Acq: 04 May 2023 14:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.4293

Tgt Ion:278 Resp: 24658
Ion Ratio Lower Upper
278 100
139 29.1 17.0 25.6#
279 30.6 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.348 ng/ul
RT: 27.285 min Scan# 6042
Delta R.T. 0.025 min
Lab File: BN025264.D
Acq: 04 May 2023 14:46

Tgt Ion:276 Resp: 26000
Ion Ratio Lower Upper
276 100
138 30.7 20.3 30.5#
277 27.7 19.8 29.6

