

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
 Data File : BN028854.D
 Acq On : 24 Nov 2023 12:23
 Operator : MA/JU
 Sample : 05268-23MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKB7MS

Quant Time: Nov 25 01:01:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

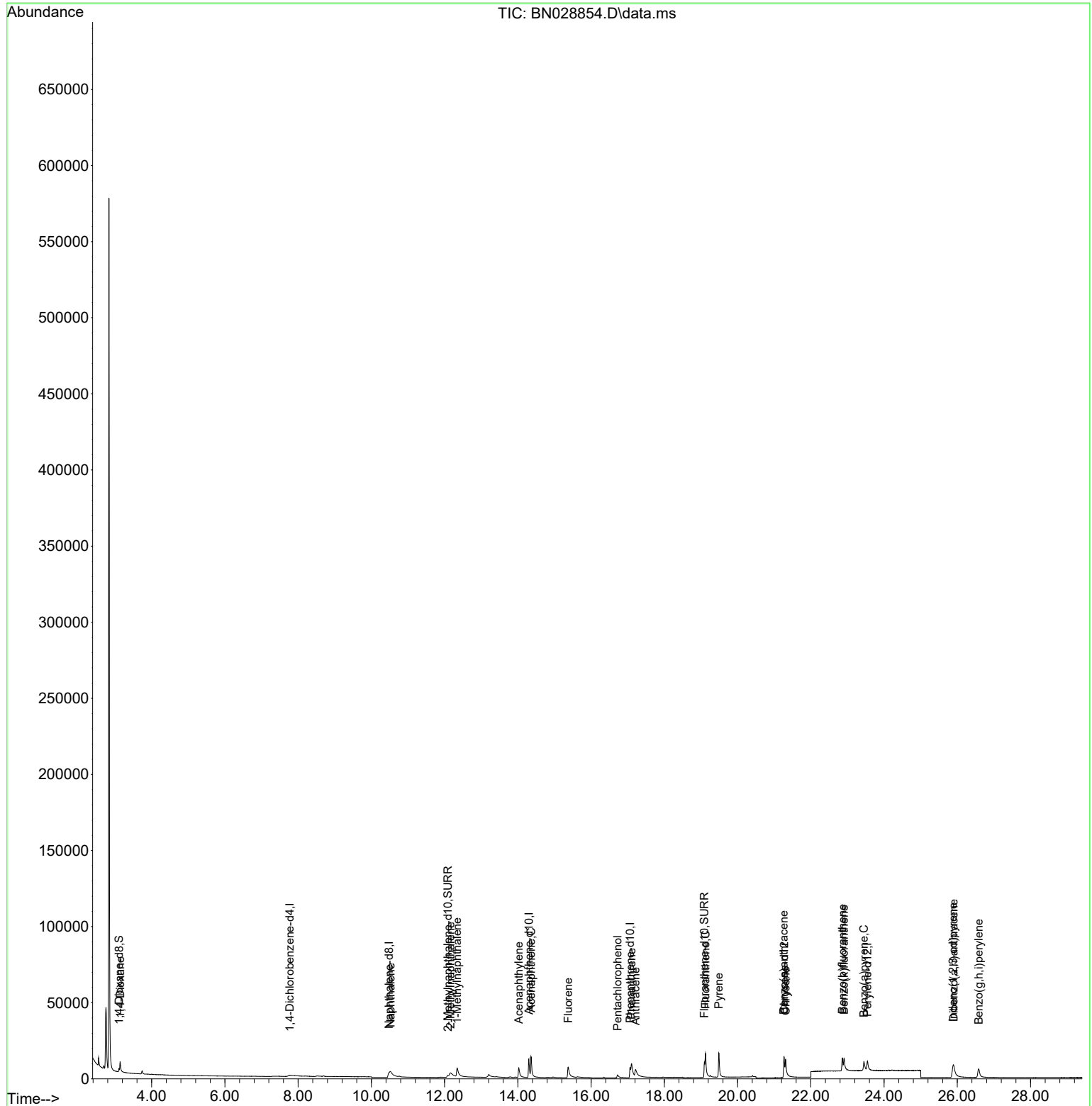
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.774	152	2396	0.400	ng/ul	# 0.04
4) Naphthalene-d8	10.478	136	16296	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.301	164	10202	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.067	188	13545	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.273	240	10473	0.400	ng/ul	# 0.00
23) Perylene-d12	23.547	264	10407	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.108	96	1564	0.591	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.089	152	5096	0.208	ng/ul	0.02
18) Fluoranthene-d10	19.092	212	16643	0.494	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.141	88	5267	1.799	ng/ul#	84
5) Naphthalene	10.527	128	12168	0.266	ng/ul#	94
7) 2-Methylnaphthalene	12.160	142	5292	0.176	ng/ul	96
8) 1-Methylnaphthalene	12.342	142	7709	0.252	ng/ul	100
10) Acenaphthylene	14.023	152	15213	0.299	ng/ul	98
11) Acenaphthene	14.361	153	12247	0.327	ng/ul	98
12) Fluorene	15.374	166	11084	0.254	ng/ul	99
14) Pentachlorophenol	16.721	266	2736	0.842	ng/ul	99
15) Phenanthrene	17.105	178	16503	0.397	ng/ul	98
16) Anthracene	17.215	178	11177	0.293	ng/ul	96
19) Fluoranthene	19.125	202	18963	0.426	ng/ul	97
20) Pyrene	19.487	202	20905	0.453	ng/ul	94
21) Benzo(a)anthracene	21.264	228	11124	0.269	ng/ul	97
22) Chrysene	21.311	228	13999	0.346	ng/ul	99
24) Benzo(b)fluoranthene	22.860	252	12937	0.331	ng/ul	81
25) Benzo(k)fluoranthene	22.907	252	15824	0.387	ng/ul#	84
26) Benzo(a)pyrene	23.451	252	13412	0.364	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.882	276	17449	0.426	ng/ul	98
28) Dibenzo(a,h)anthracene	25.905	278	13582	0.415	ng/ul#	90
29) Benzo(g,h,i)perylene	26.583	276	15715	0.469	ng/ul	95

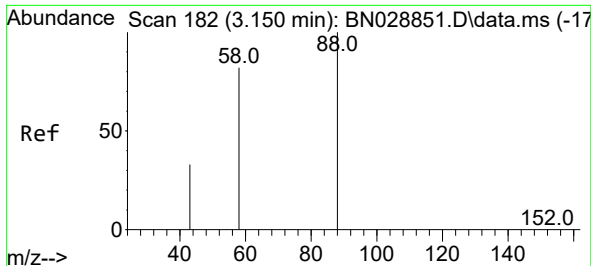
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028854.D
Acq On : 24 Nov 2023 12:23
Operator : MA/JU
Sample : 05268-23MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCKB7MS

Quant Time: Nov 25 01:01:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

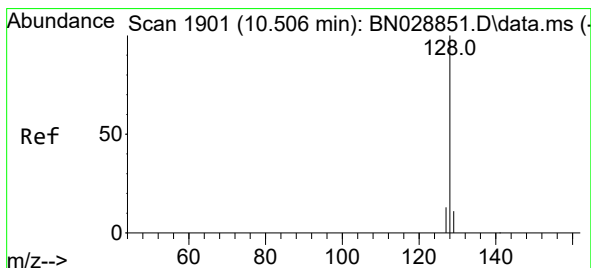
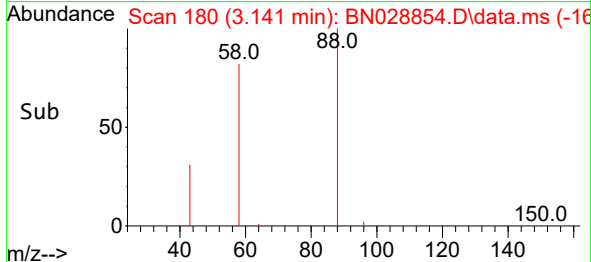
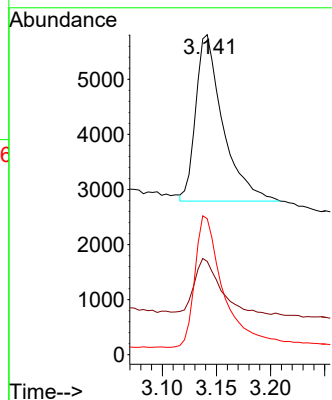
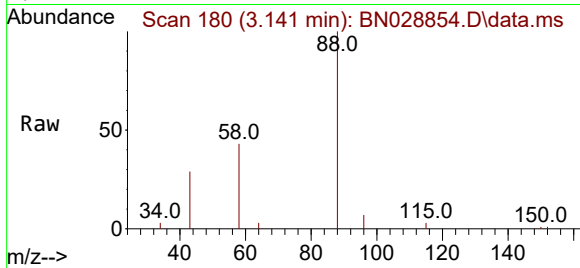




#2
1,4-Dioxane
Concen: 1.799 ng/ul
RT: 3.141 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028854.D
Acq: 24 Nov 2023 12:23

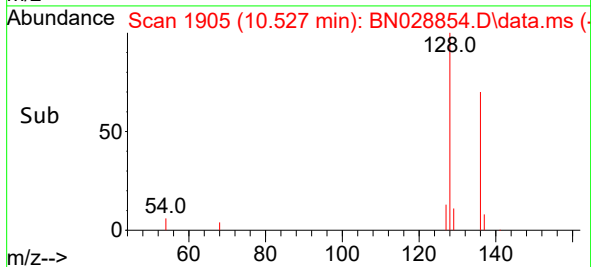
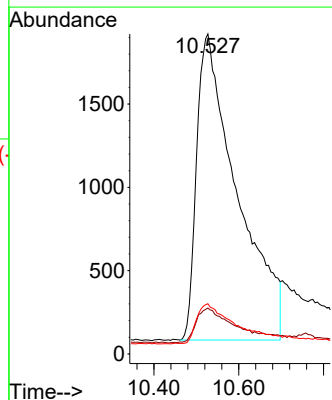
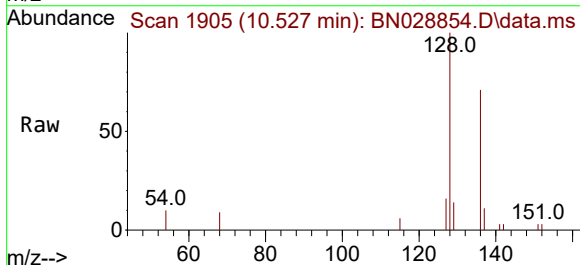
Instrument :
BNA_N
ClientSampleId :
DCKB7MS

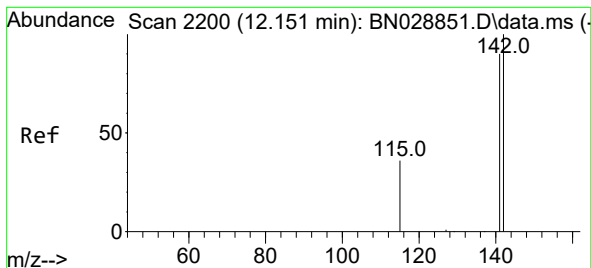
Tgt Ion: 88 Resp: 5267
Ion Ratio Lower Upper
88 100
43 29.2 32.9 49.3#
58 42.5 41.8 62.8



#5
Naphthalene
Concen: 0.266 ng/ul
RT: 10.527 min Scan# 1905
Delta R.T. 0.021 min
Lab File: BN028854.D
Acq: 24 Nov 2023 12:23

Tgt Ion:128 Resp: 12168
Ion Ratio Lower Upper
128 100
129 14.3 9.2 13.8#
127 15.7 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.176 ng/ul

RT: 12.160 min Scan# 2200

Delta R.T. 0.021 min

Lab File: BN028854.D

Acq: 24 Nov 2023 12:23

Instrument :

BNA_N

ClientSampleId :

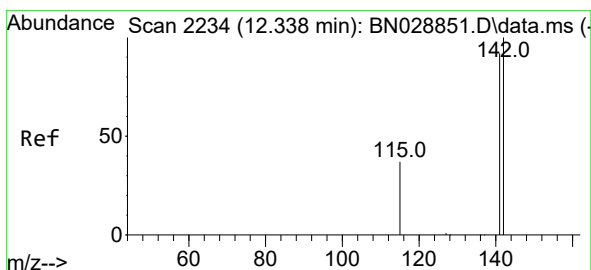
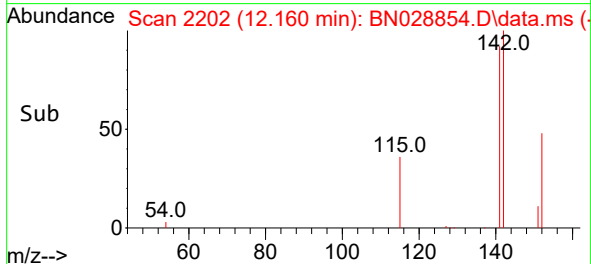
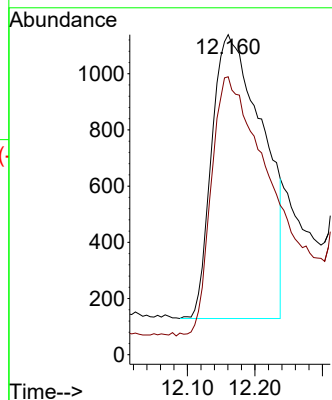
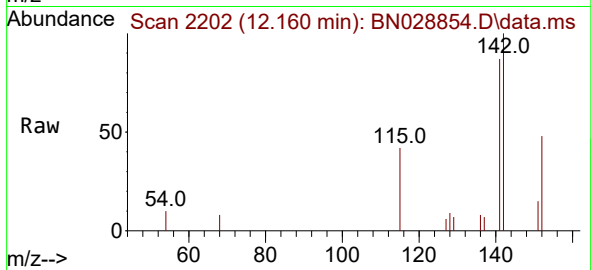
DCKB7MS

Tgt Ion:142 Resp: 5292

Ion Ratio Lower Upper

142 100

141 92.3 70.8 106.2



#8

1-Methylnaphthalene

Concen: 0.252 ng/ul

RT: 12.342 min Scan# 2235

Delta R.T. 0.004 min

Lab File: BN028854.D

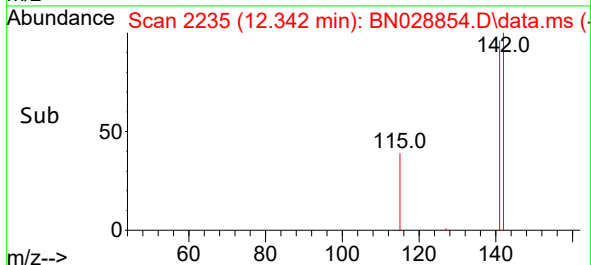
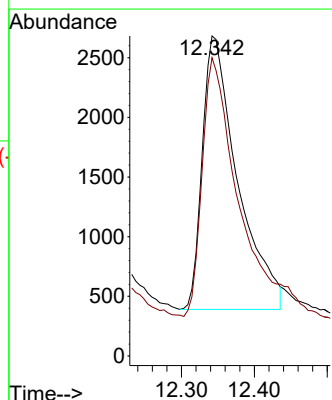
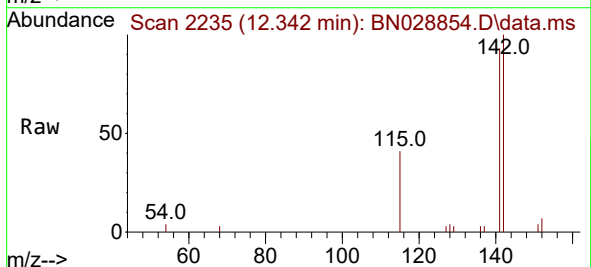
Acq: 24 Nov 2023 12:23

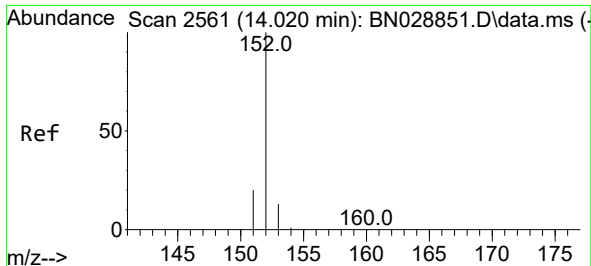
Tgt Ion:142 Resp: 7709

Ion Ratio Lower Upper

142 100

141 92.9 74.1 111.1

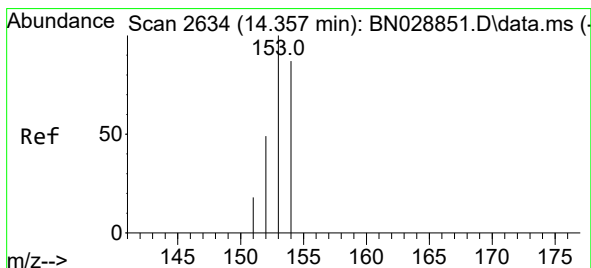
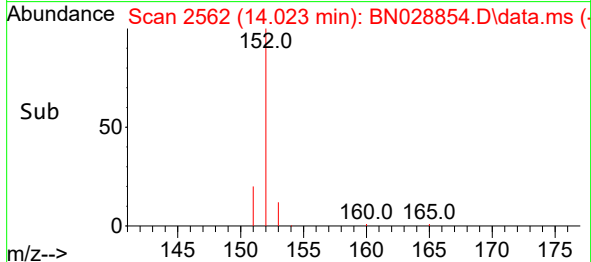
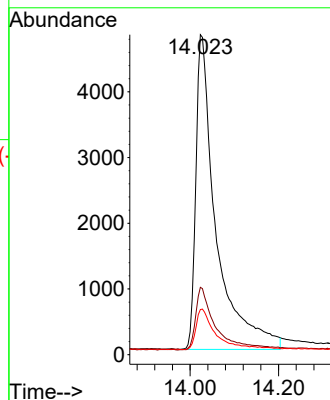
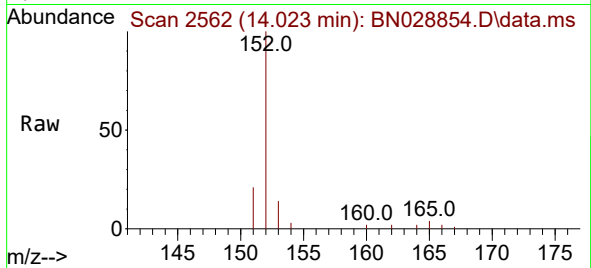




#10
Acenaphthylene
Concen: 0.299 ng/ul
RT: 14.023 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN028854.D
Acq: 24 Nov 2023 12:23

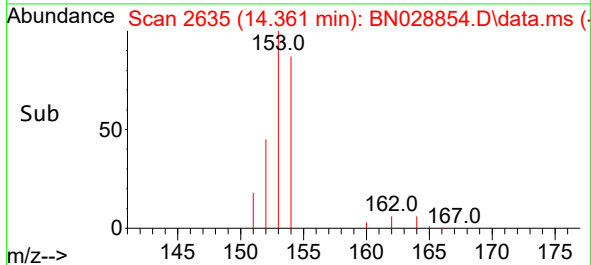
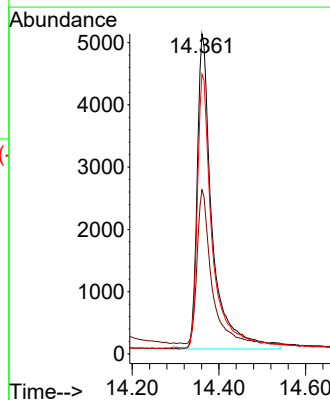
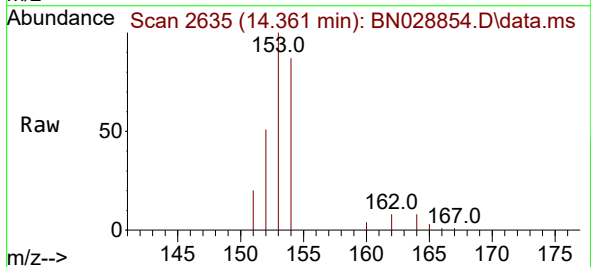
Instrument :
BNA_N
ClientSampleId :
DCKB7MS

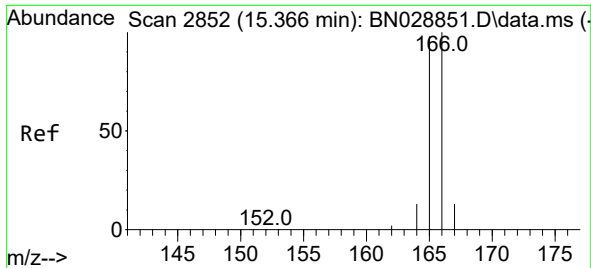
Tgt Ion:152 Resp: 15213
Ion Ratio Lower Upper
152 100
151 21.0 16.1 24.1
153 14.1 10.6 15.8



#11
Acenaphthene
Concen: 0.327 ng/ul
RT: 14.361 min Scan# 2635
Delta R.T. -0.002 min
Lab File: BN028854.D
Acq: 24 Nov 2023 12:23

Tgt Ion:153 Resp: 12247
Ion Ratio Lower Upper
153 100
152 51.3 39.6 59.4
154 87.3 71.0 106.6

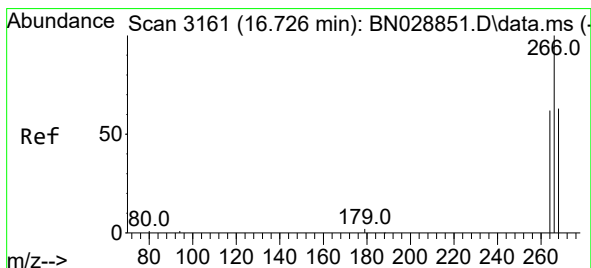
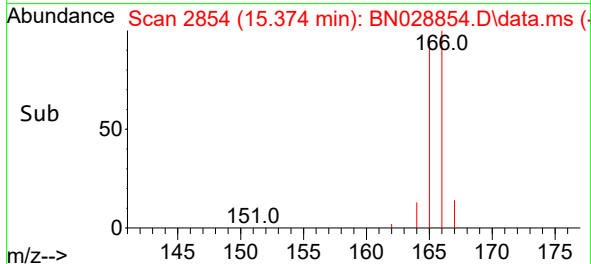
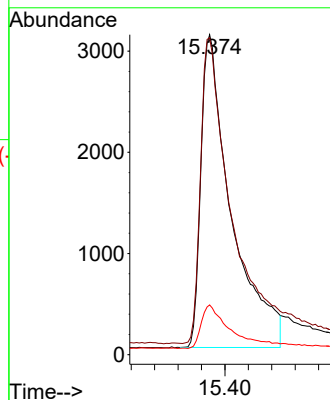
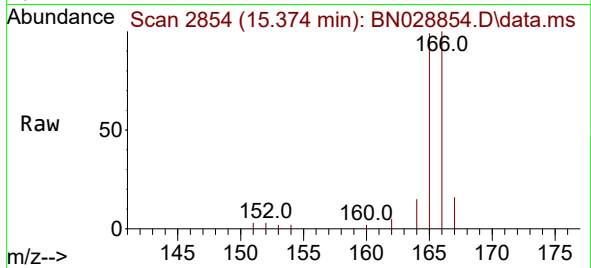




#12
Fluorene
Concen: 0.254 ng/ul
RT: 15.374 min Scan# 21
Delta R.T. 0.007 min
Lab File: BN028854.D
Acq: 24 Nov 2023 12:23

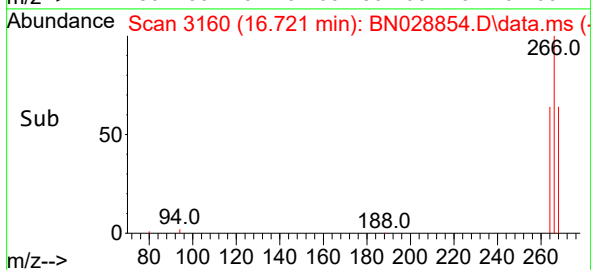
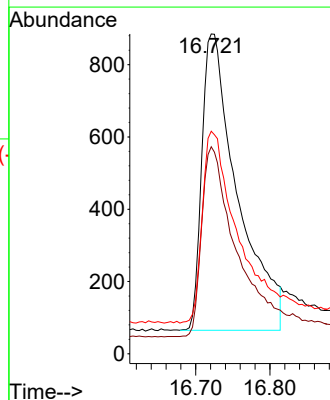
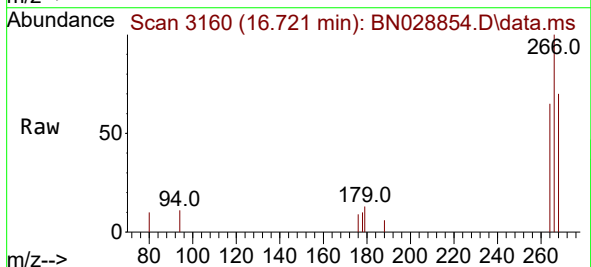
Instrument :
BNA_N
ClientSampleId :
DCKB7MS

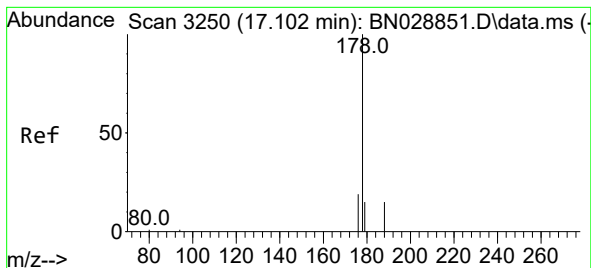
Tgt Ion:166 Resp: 11084
Ion Ratio Lower Upper
166 100
165 99.1 78.6 118.0
167 15.6 11.0 16.6



#14
Pentachlorophenol
Concen: 0.842 ng/ul
RT: 16.721 min Scan# 3160
Delta R.T. -0.002 min
Lab File: BN028854.D
Acq: 24 Nov 2023 12:23

Tgt Ion:266 Resp: 2736
Ion Ratio Lower Upper
266 100
264 62.8 50.1 75.1
268 64.4 50.6 75.8





#15

Phenanthrene

Concen: 0.397 ng/ul

RT: 17.105 min Scan# 3251

Delta R.T. 0.002 min

Lab File: BN028854.D

Acq: 24 Nov 2023 12:23

Instrument :

BNA_N

ClientSampleId :

DCKB7MS

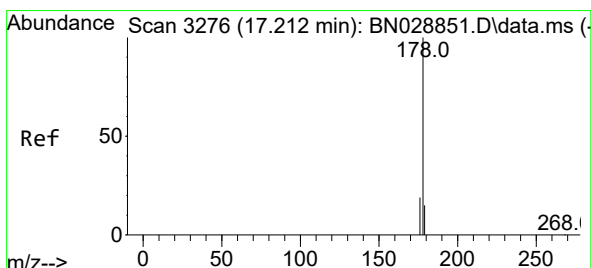
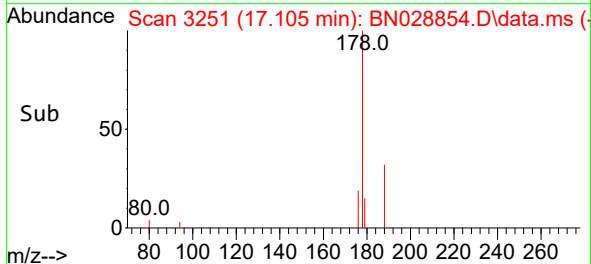
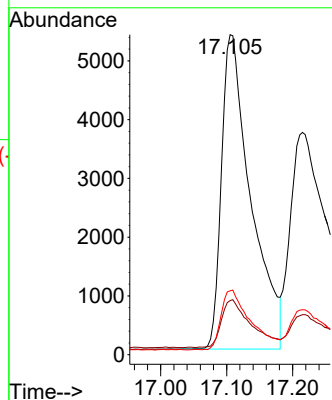
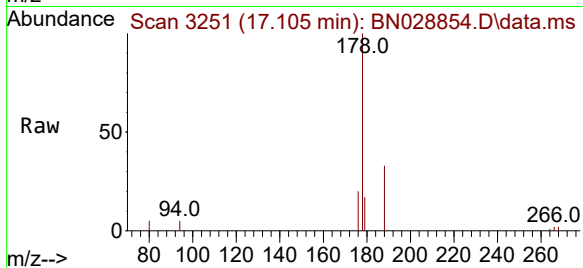
Tgt Ion:178 Resp: 16503

Ion Ratio Lower Upper

178 100

179 16.9 12.4 18.6

176 20.0 15.4 23.2



#16

Anthracene

Concen: 0.293 ng/ul

RT: 17.215 min Scan# 3277

Delta R.T. 0.011 min

Lab File: BN028854.D

Acq: 24 Nov 2023 12:23

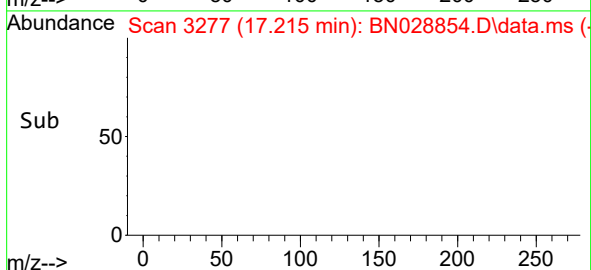
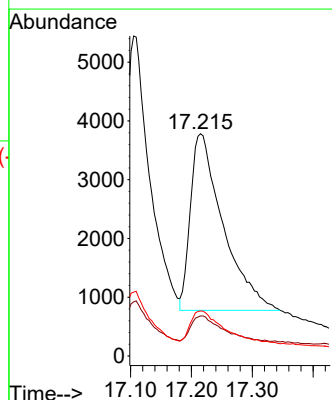
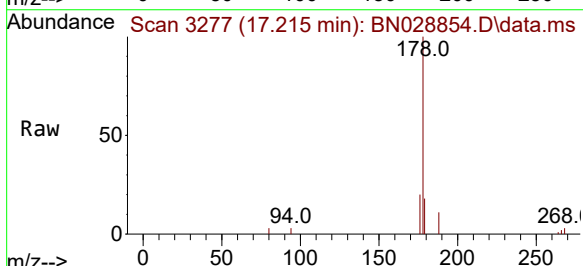
Tgt Ion:178 Resp: 11177

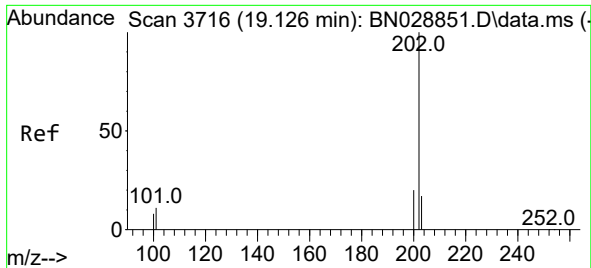
Ion Ratio Lower Upper

178 100

179 18.0 12.6 18.8

176 20.2 14.9 22.3

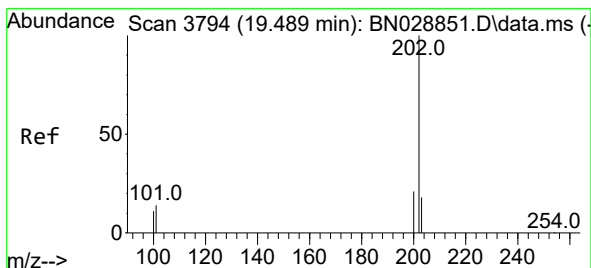
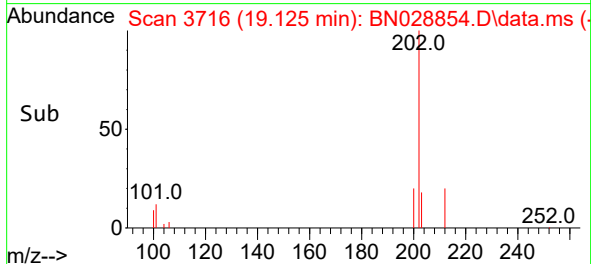
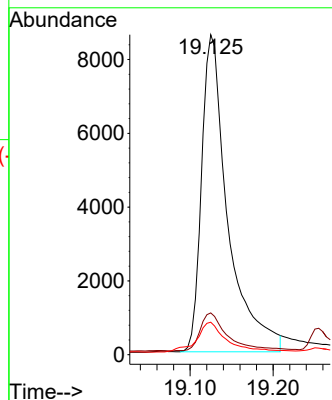
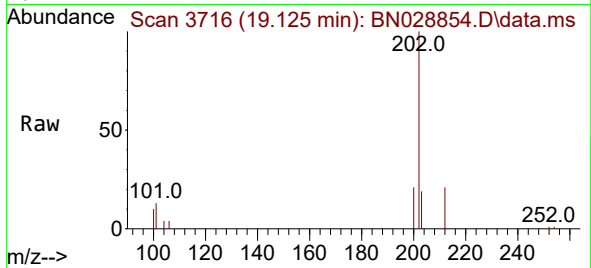




#19
Fluoranthene
Concen: 0.426 ng/ul
RT: 19.125 min Scan# 3716
Delta R.T. 0.002 min
Lab File: BN028854.D
Acq: 24 Nov 2023 12:23

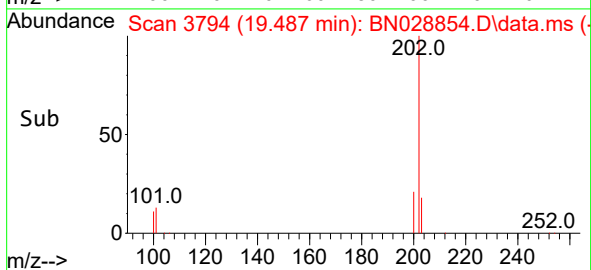
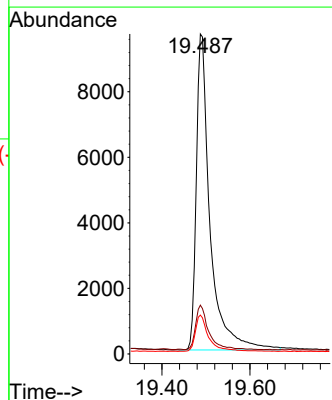
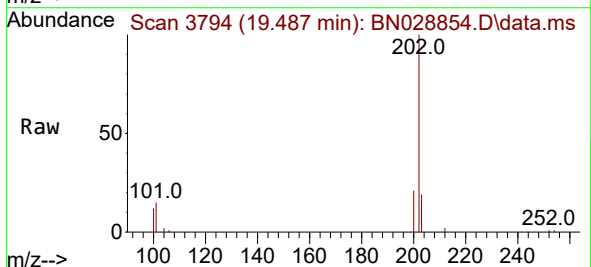
Instrument :
BNA_N
ClientSampleId :
DCKB7MS

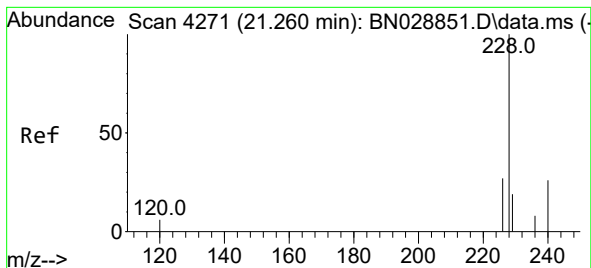
Tgt Ion:202 Resp: 18963
Ion Ratio Lower Upper
202 100
101 13.0 9.5 14.3
100 10.1 7.2 10.8



#20
Pyrene
Concen: 0.453 ng/ul
RT: 19.487 min Scan# 3794
Delta R.T. 0.002 min
Lab File: BN028854.D
Acq: 24 Nov 2023 12:23

Tgt Ion:202 Resp: 20905
Ion Ratio Lower Upper
202 100
101 15.3 10.3 15.5
100 12.1 8.2 12.2





#21

Benzo(a)anthracene

Concen: 0.269 ng/ul

RT: 21.264 min Scan# 4273

Delta R.T. 0.009 min

Lab File: BN028854.D

Acq: 24 Nov 2023 12:23

Instrument :

BNA_N

ClientSampleId :

DCKB7MS

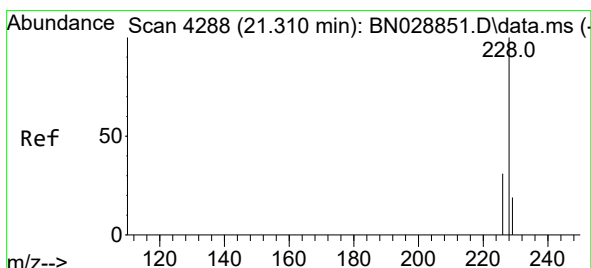
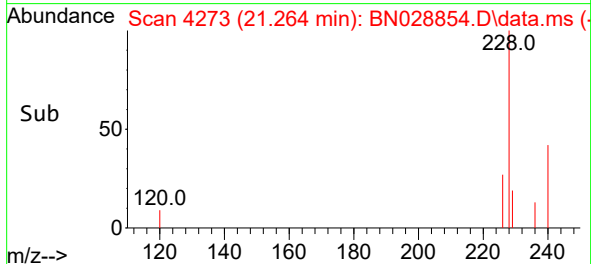
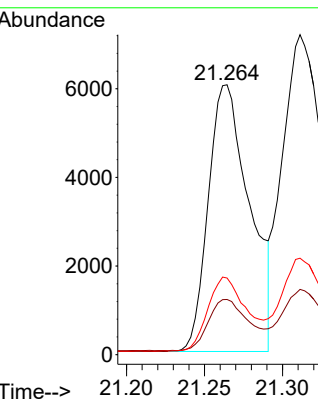
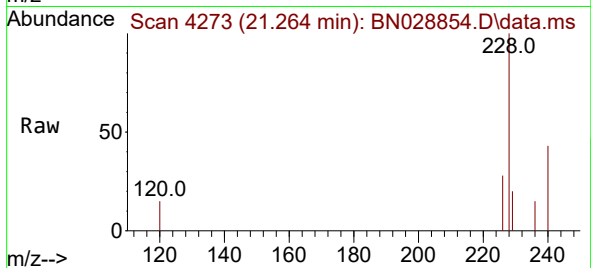
Tgt Ion:228 Resp: 11124

Ion Ratio Lower Upper

228 100

229 20.5 15.7 23.5

226 28.4 21.4 32.0



#22

Chrysene

Concen: 0.346 ng/ul

RT: 21.311 min Scan# 4289

Delta R.T. 0.006 min

Lab File: BN028854.D

Acq: 24 Nov 2023 12:23

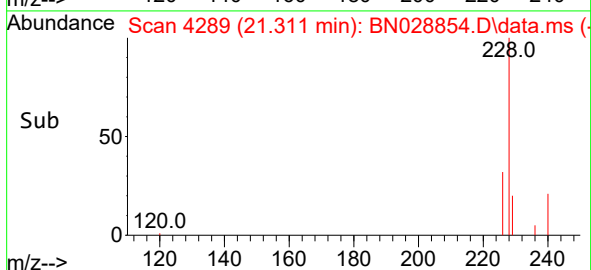
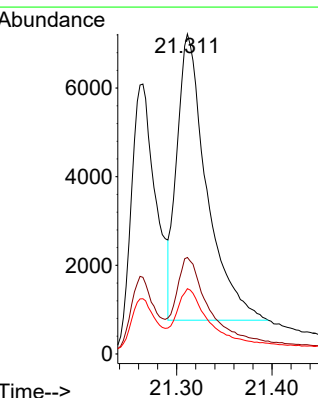
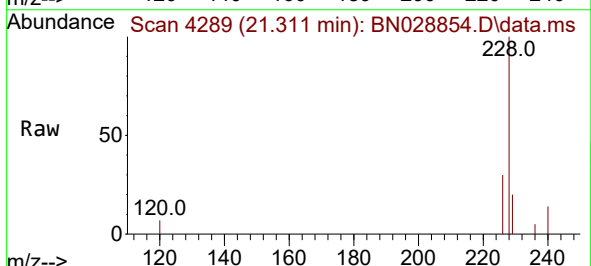
Tgt Ion:228 Resp: 13999

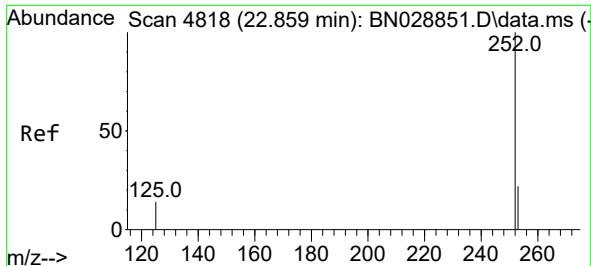
Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

229 20.4 15.4 23.2

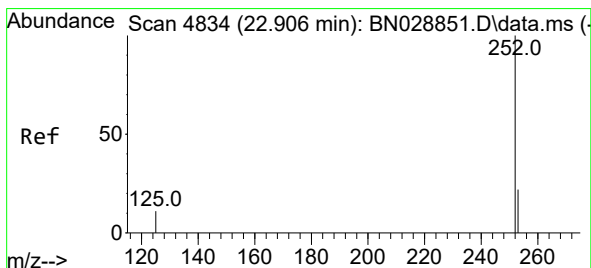
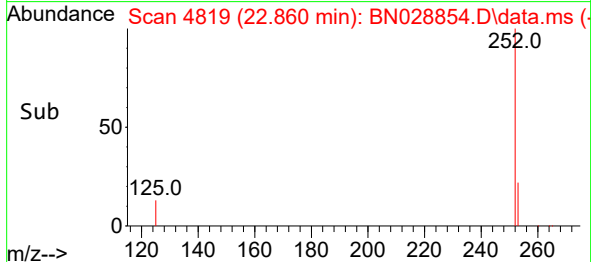
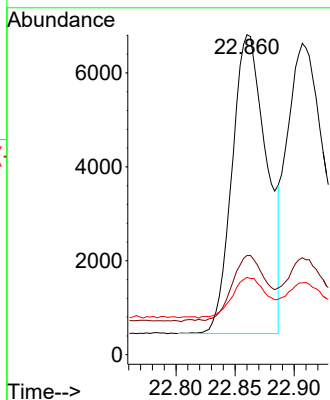
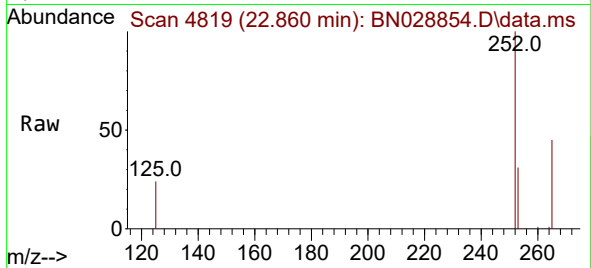




#24
Benzo(b)fluoranthene
Concen: 0.331 ng/ul
RT: 22.860 min Scan# 4818
Delta R.T. 0.006 min
Lab File: BN028854.D
Acq: 24 Nov 2023 12:23

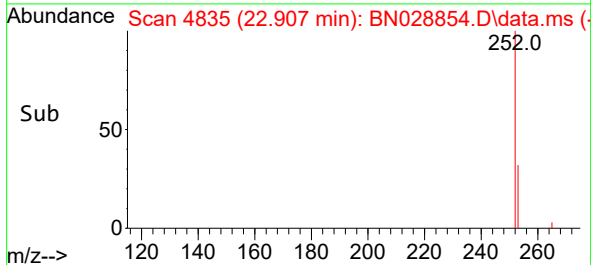
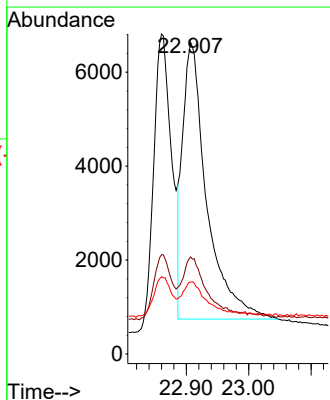
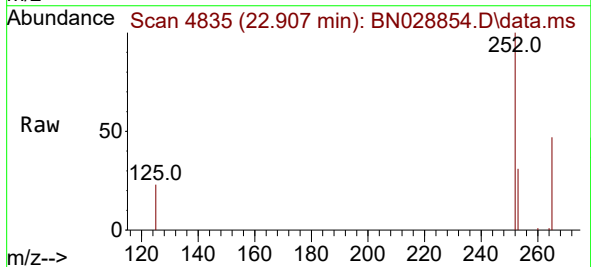
Instrument :
BNA_N
ClientSampleId :
DCKB7MS

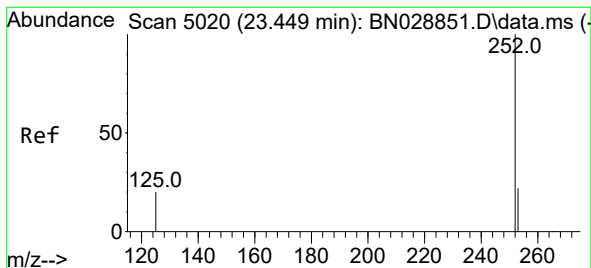
Tgt Ion:252 Resp: 12937
Ion Ratio Lower Upper
252 100
253 31.0 0.0 46.6
125 24.1 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.387 ng/ul
RT: 22.907 min Scan# 4835
Delta R.T. 0.003 min
Lab File: BN028854.D
Acq: 24 Nov 2023 12:23

Tgt Ion:252 Resp: 15824
Ion Ratio Lower Upper
252 100
253 31.1 18.6 28.0#
125 23.1 12.7 19.1#





#26

Benzo(a)pyrene

Concen: 0.364 ng/ul

RT: 23.451 min Scan# 5020

Delta R.T. 0.006 min

Lab File: BN028854.D

Acq: 24 Nov 2023 12:23

Instrument :

BNA_N

ClientSampleId :

DCKB7MS

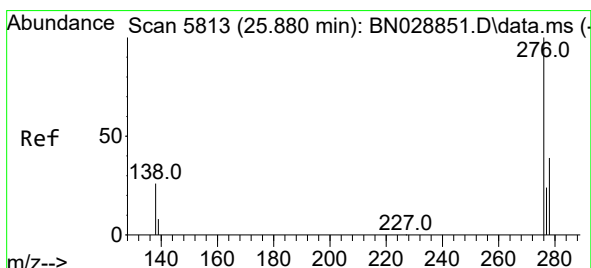
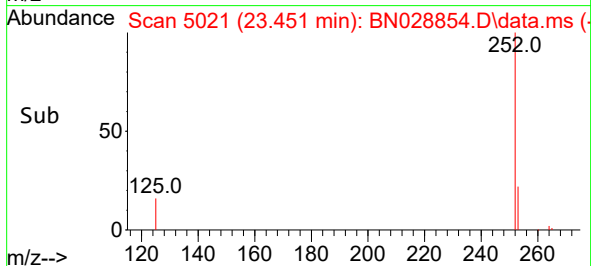
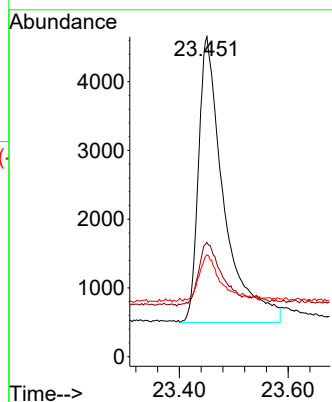
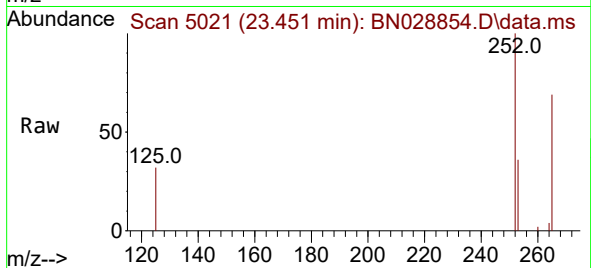
Tgt Ion:252 Resp: 13412

Ion Ratio Lower Upper

252 100

253 35.7 19.0 28.6#

125 31.8 13.2 19.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.426 ng/ul

RT: 25.882 min Scan# 5814

Delta R.T. 0.008 min

Lab File: BN028854.D

Acq: 24 Nov 2023 12:23

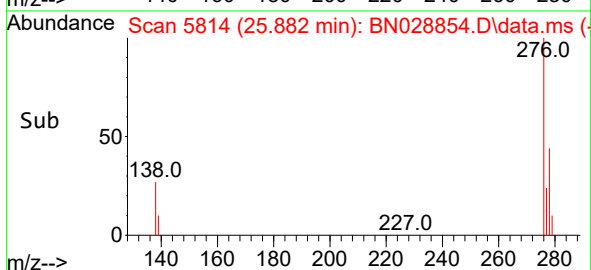
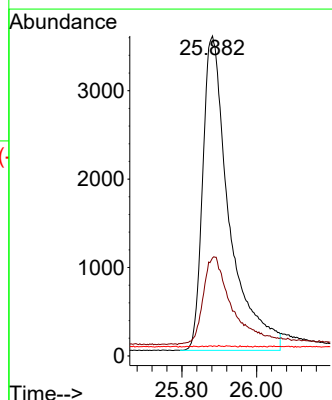
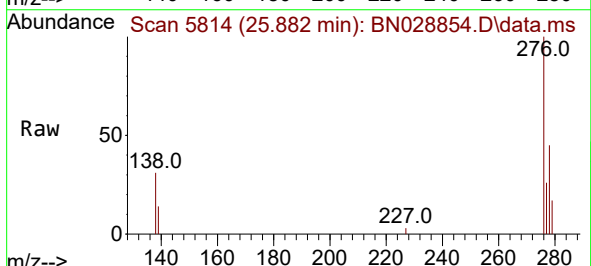
Tgt Ion:276 Resp: 17449

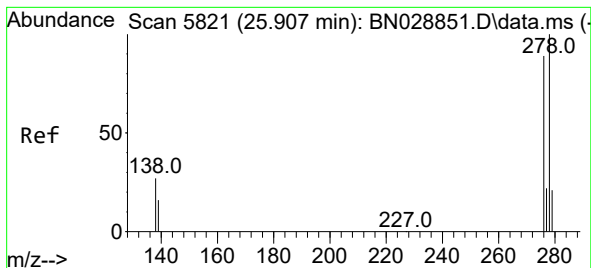
Ion Ratio Lower Upper

276 100

138 30.7 23.8 35.6

227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.415 ng/ul

RT: 25.905 min Scan# 5821

Delta R.T. 0.008 min

Lab File: BN028854.D

Acq: 24 Nov 2023 12:23

Instrument :

BNA_N

ClientSampleId :

DCKB7MS

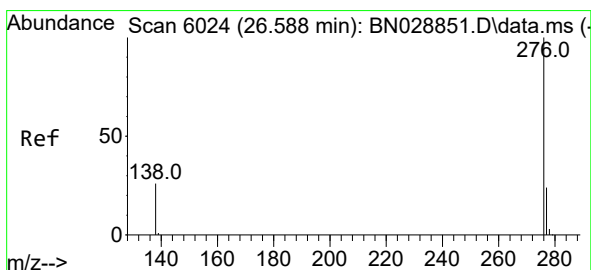
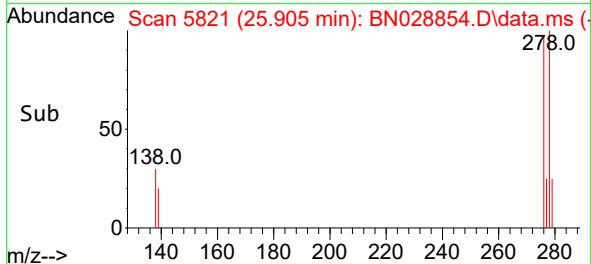
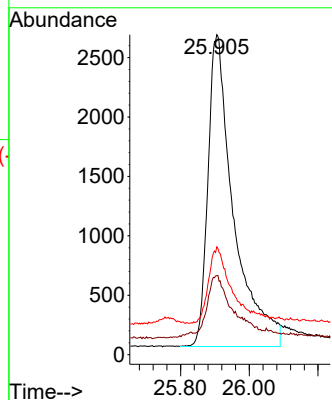
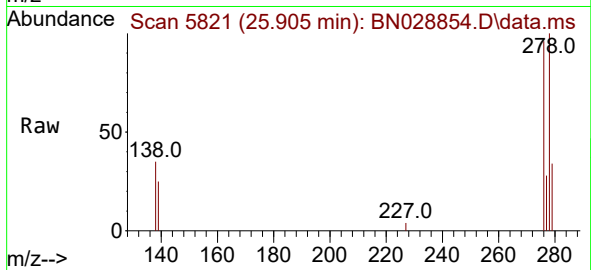
Tgt Ion:278 Resp: 13582

Ion Ratio Lower Upper

278 100

139 24.7 18.2 27.4

279 33.7 20.7 31.1#



#29

Benzo(g,h,i)perylene

Concen: 0.469 ng/ul

RT: 26.583 min Scan# 6023

Delta R.T. 0.004 min

Lab File: BN028854.D

Acq: 24 Nov 2023 12:23

Tgt Ion:276 Resp: 15715

Ion Ratio Lower Upper

276 100

138 28.7 20.5 30.7

277 26.2 19.4 29.0

