

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024413.D
 Acq On : 20 Mar 2023 15:59
 Operator : CG/JU
 Sample : 01884-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB911

Quant Time: Mar 21 02:15:29 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 02:12:19 2023
 Response via : Initial Calibration

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

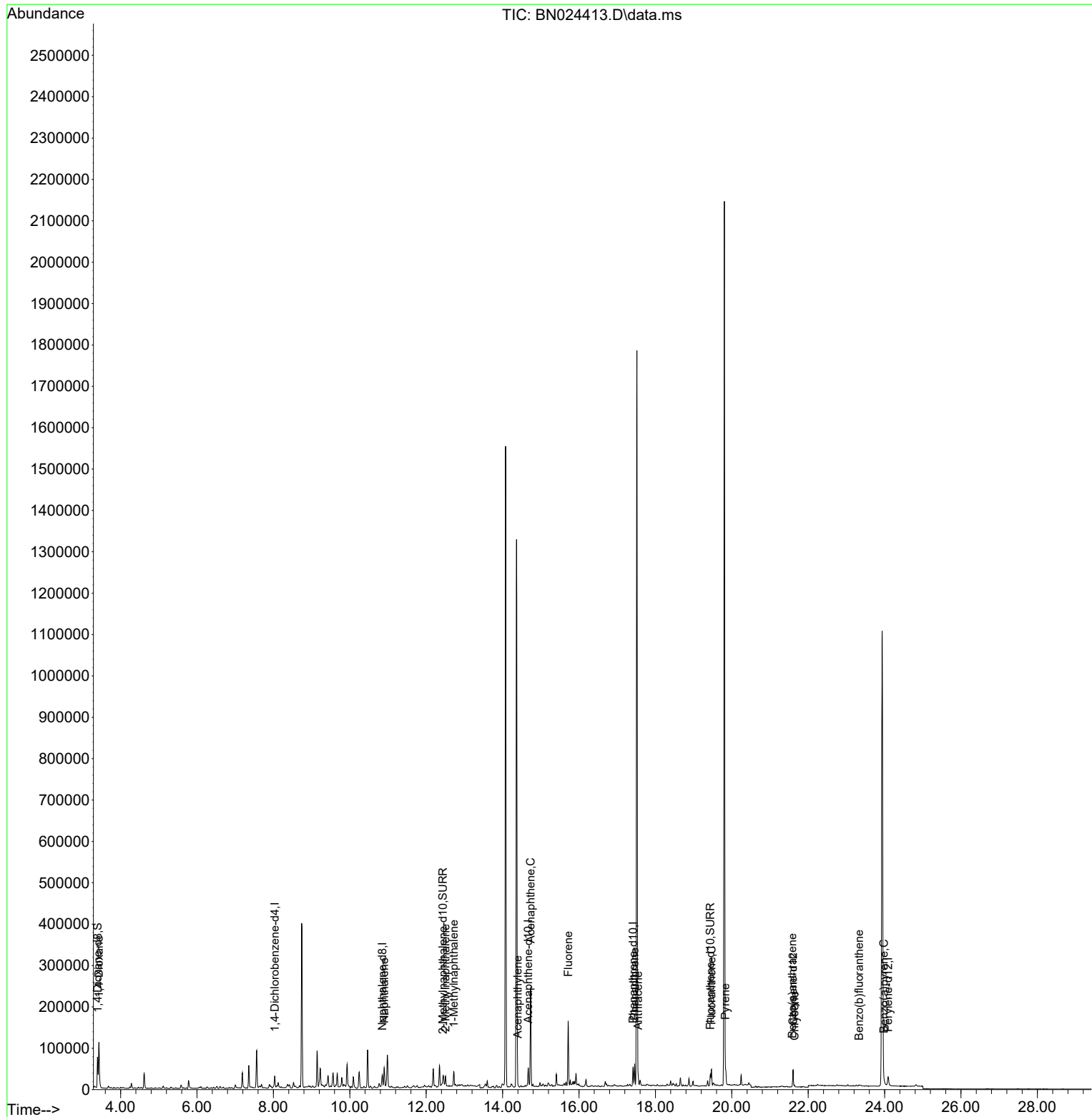
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	12573	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	39822	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.671	164	25213	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	48699	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.603	240	37446	0.400	ng/ul	# 0.00
23) Perylene-d12	24.094	264	32075	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	49203	3.556	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	12012	0.254	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	24999	0.251	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	75377	5.008	ng/ul#	87
5) Naphthalene	10.900	128	56538	0.569	ng/ul#	94
7) 2-Methylnaphthalene	12.506	142	16849	0.279	ng/ul	97
8) 1-Methylnaphthalene	12.726	142	22452	0.354	ng/ul	99
10) Acenaphthylene	14.398	152	5589	0.053	ng/ul#	35
11) Acenaphthene	14.735	153	136567	1.685	ng/ul	96
12) Fluorene	15.716	166	95024	1.050	ng/ul	98
15) Phenanthrene	17.455	178	53474	0.383	ng/ul	94
16) Anthracene	17.548	178	19613	0.160	ng/ul#	74
19) Fluoranthene	19.468	202	29892	0.201	ng/ul#	78
20) Pyrene	19.831	202	25499	0.169	ng/ul#	75
21) Benzo(a)anthracene	21.586	228	4588	0.038	ng/ul#	62
22) Chrysene	21.641	228	4526	0.035	ng/ul#	59
24) Benzo(b)fluoranthene	23.333	252	6013	0.049	ng/ul#	1
26) Benzo(a)pyrene	23.982	252	2633	0.025	ng/ul#	1

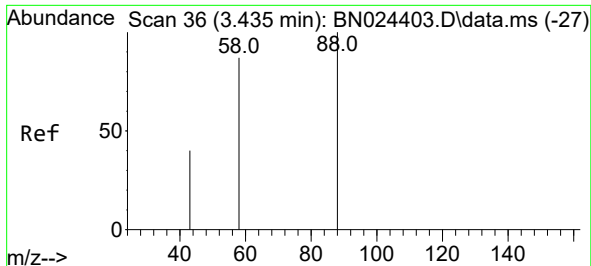
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
Data File : BN024413.D
Acq On : 20 Mar 2023 15:59
Operator : CG/JU
Sample : 01884-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB911

Quant Time: Mar 21 02:15:29 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 02:12:19 2023
Response via : Initial Calibration

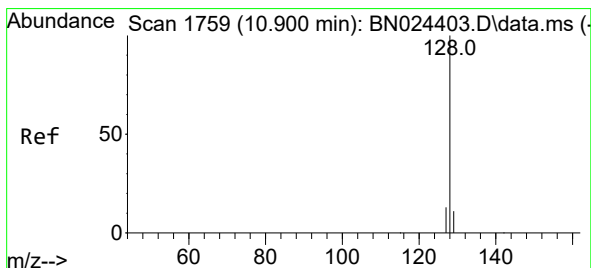
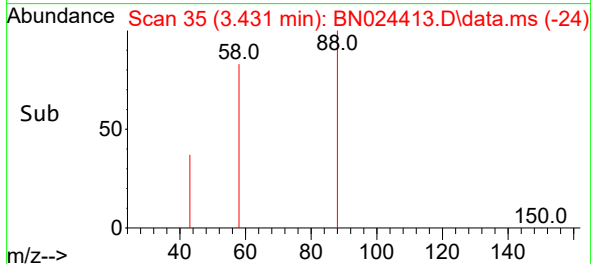
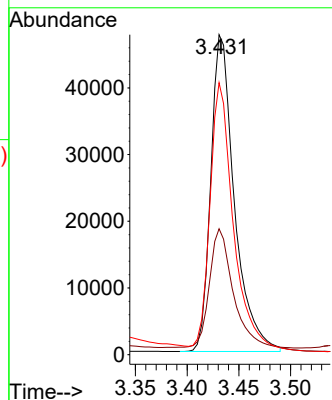
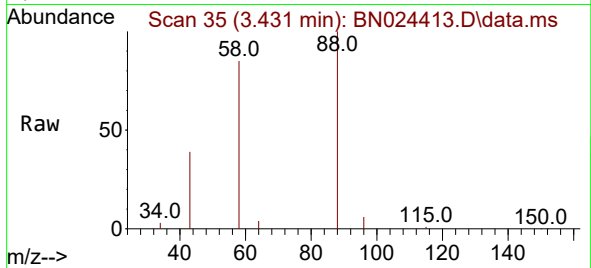




#2
 1,4-Dioxane
 Concen: 5.008 ng/ul
 RT: 3.431 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN024413.D
 Acq: 20 Mar 2023 15:59

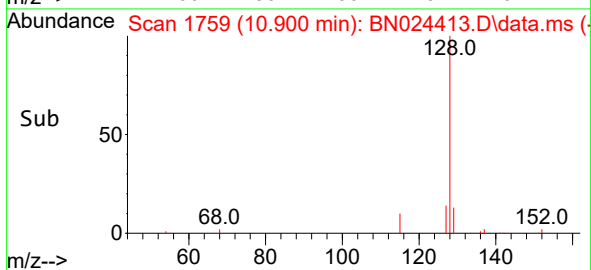
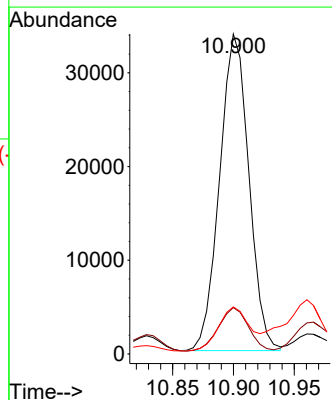
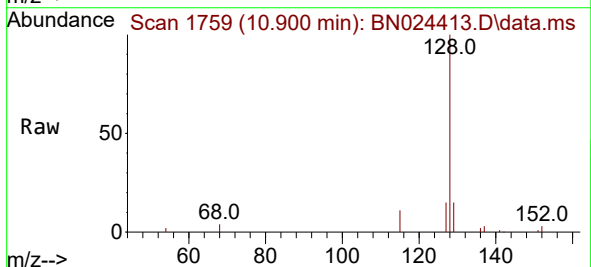
Instrument :
 BNA_N
 ClientSampleId :
 CB911

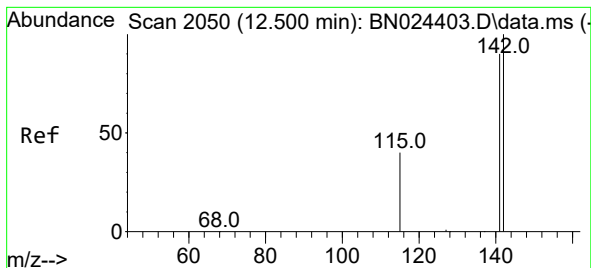
Tgt Ion: 88 Resp: 75377
 Ion Ratio Lower Upper
 88 100
 43 39.4 32.1 48.1
 58 85.0 55.1 82.7#



#5
 Naphthalene
 Concen: 0.569 ng/ul
 RT: 10.900 min Scan# 1759
 Delta R.T. 0.000 min
 Lab File: BN024413.D
 Acq: 20 Mar 2023 15:59

Tgt Ion:128 Resp: 56538
 Ion Ratio Lower Upper
 128 100
 129 14.5 9.0 13.6#
 127 14.7 10.5 15.7





#7

2-Methylnaphthalene

Concen: 0.279 ng/ul

RT: 12.506 min Scan# 2050

Delta R.T. 0.006 min

Lab File: BN024413.D

Acq: 20 Mar 2023 15:59

Instrument :

BNA_N

ClientSampleId :

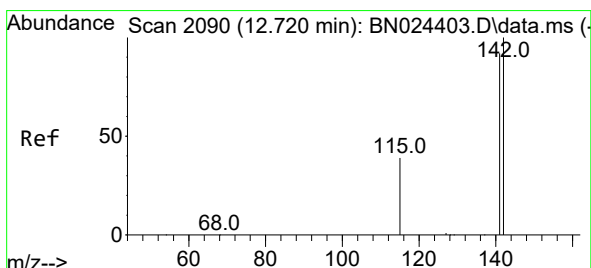
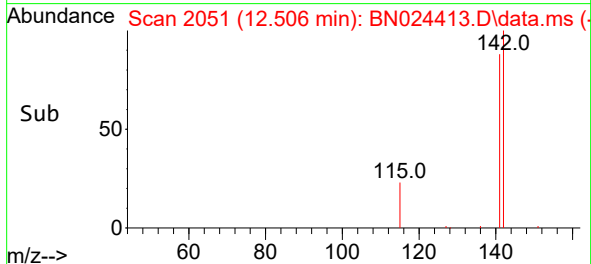
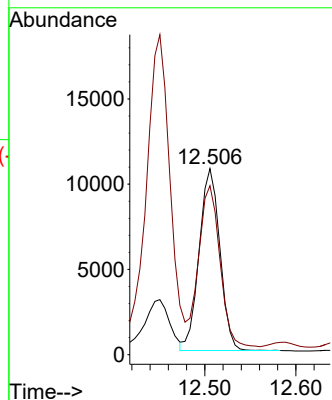
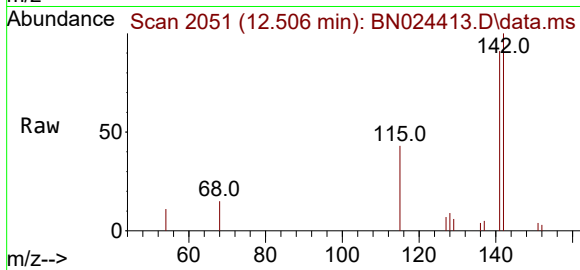
CB911

Tgt Ion:142 Resp: 16849

Ion Ratio Lower Upper

142 100

141 90.6 70.3 105.5



#8

1-Methylnaphthalene

Concen: 0.354 ng/ul

RT: 12.726 min Scan# 2091

Delta R.T. 0.006 min

Lab File: BN024413.D

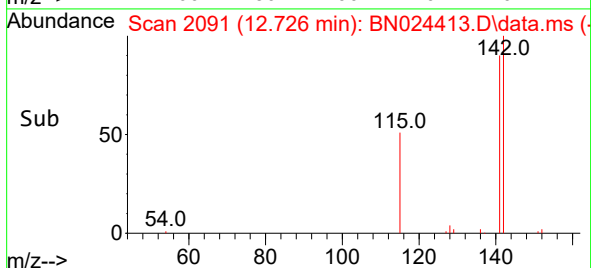
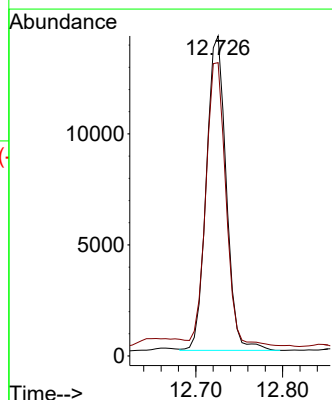
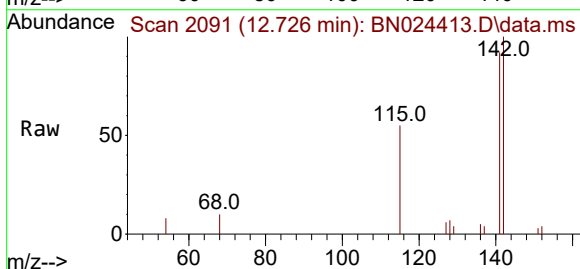
Acq: 20 Mar 2023 15:59

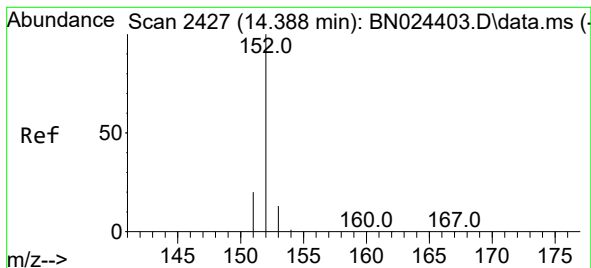
Tgt Ion:142 Resp: 22452

Ion Ratio Lower Upper

142 100

141 90.2 73.0 109.6





#10

Acenaphthylene

Concen: 0.053 ng/ul

RT: 14.398 min Scan# 2427

Delta R.T. 0.009 min

Lab File: BN024413.D

Acq: 20 Mar 2023 15:59

Instrument :

BNA_N

ClientSampleId :

CB911

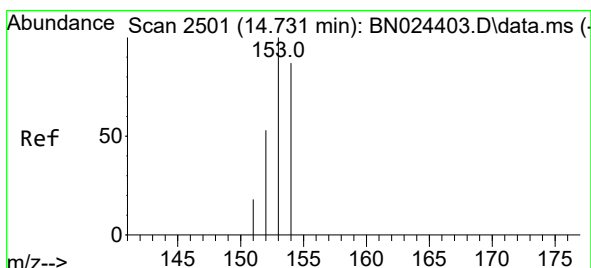
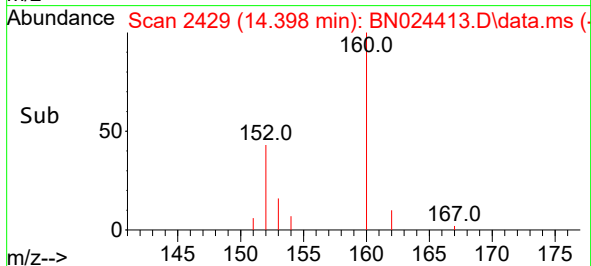
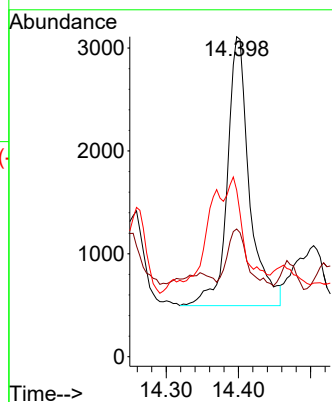
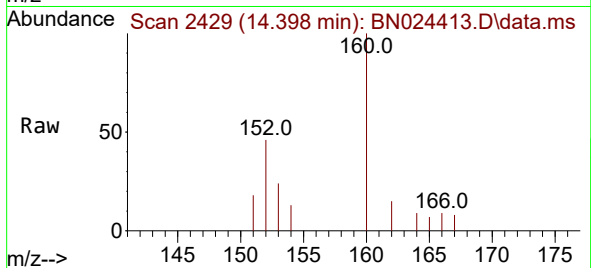
Tgt Ion:152 Resp: 5589

Ion Ratio Lower Upper

152 100

151 39.9 15.9 23.9#

153 52.1 10.6 16.0#



#11

Acenaphthene

Concen: 1.685 ng/ul

RT: 14.735 min Scan# 2502

Delta R.T. 0.005 min

Lab File: BN024413.D

Acq: 20 Mar 2023 15:59

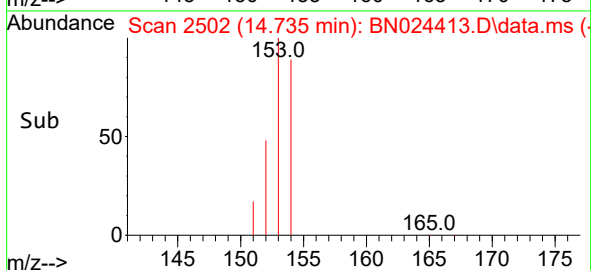
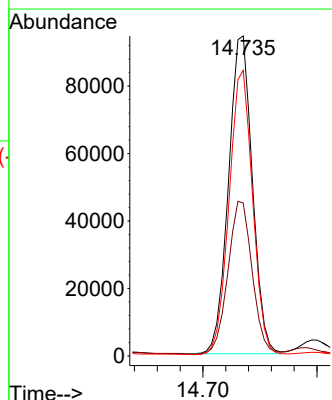
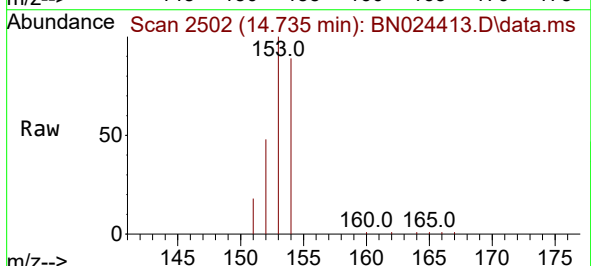
Tgt Ion:153 Resp: 136567

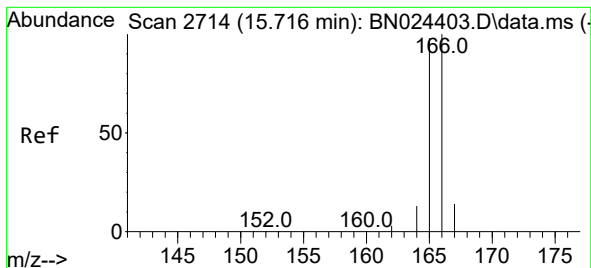
Ion Ratio Lower Upper

153 100

152 47.8 42.6 64.0

154 89.3 70.6 105.8





#12

Fluorene

Concen: 1.050 ng/ul

RT: 15.716 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024413.D

Acq: 20 Mar 2023 15:59

Instrument :

BNA_N

ClientSampleId :

CB911

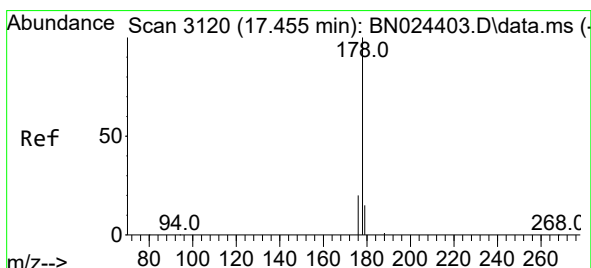
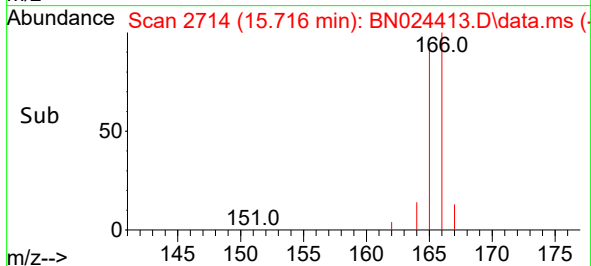
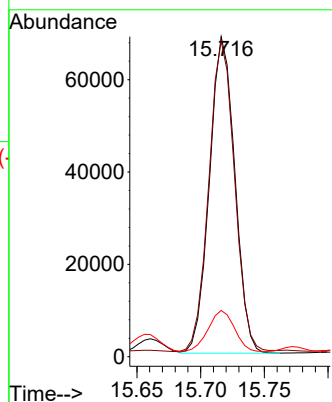
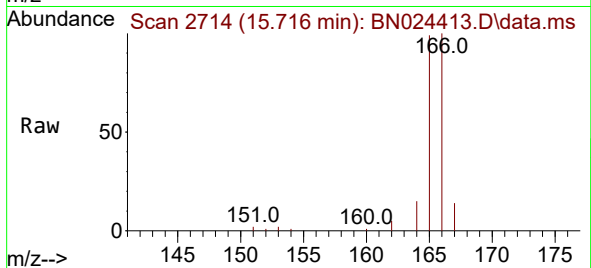
Tgt Ion:166 Resp: 95024

Ion Ratio Lower Upper

166 100

165 98.6 77.4 116.0

167 14.4 10.9 16.3



#15

Phenanthrene

Concen: 0.383 ng/ul

RT: 17.455 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BN024413.D

Acq: 20 Mar 2023 15:59

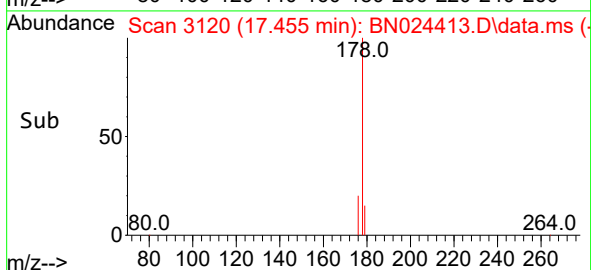
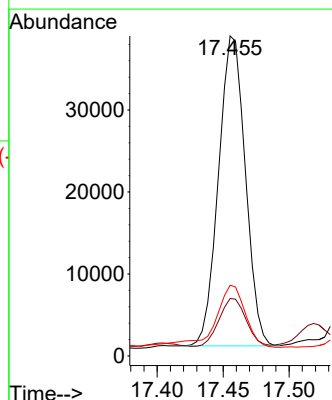
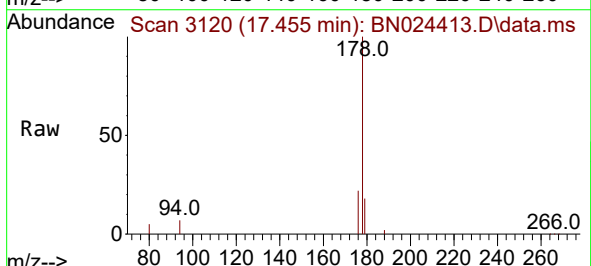
Tgt Ion:178 Resp: 53474

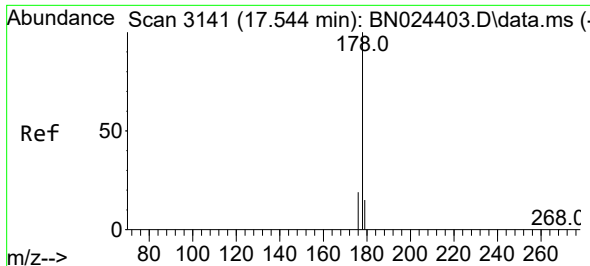
Ion Ratio Lower Upper

178 100

179 17.9 12.2 18.2

176 22.1 15.7 23.5

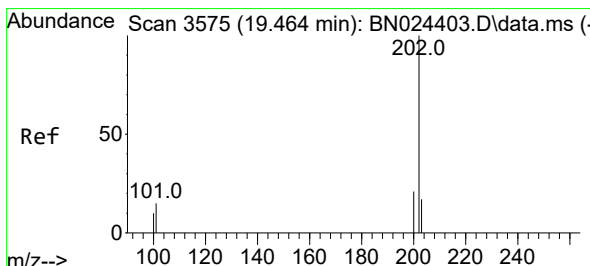
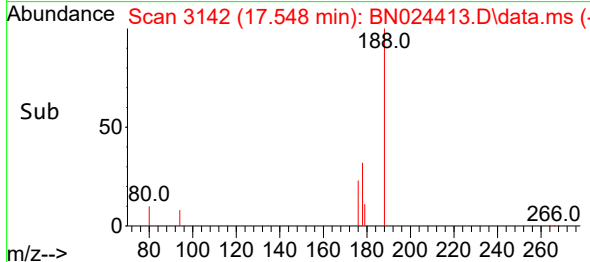
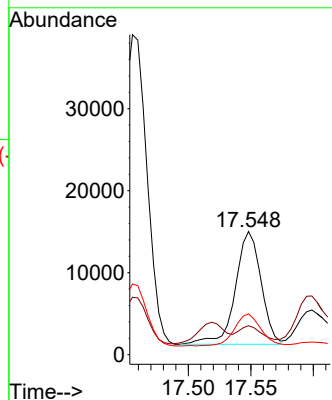
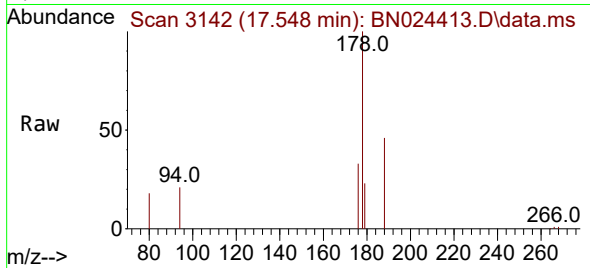




#16
 Anthracene
 Concen: 0.160 ng/ul
 RT: 17.548 min Scan# 3141
 Delta R.T. 0.004 min
 Lab File: BN024413.D
 Acq: 20 Mar 2023 15:59

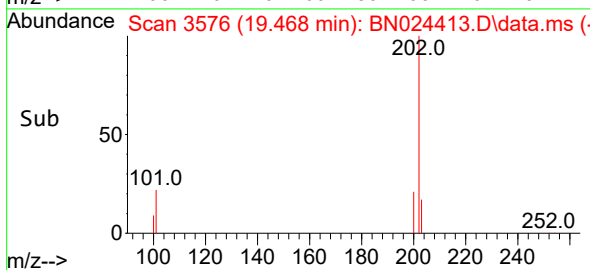
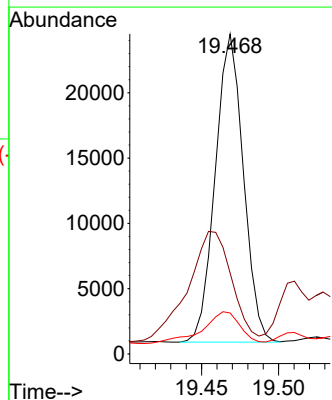
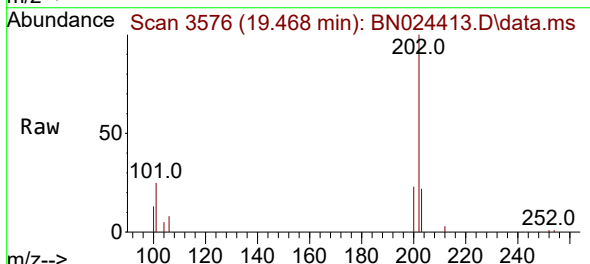
Instrument :
 BNA_N
 ClientSampleId :
 CB911

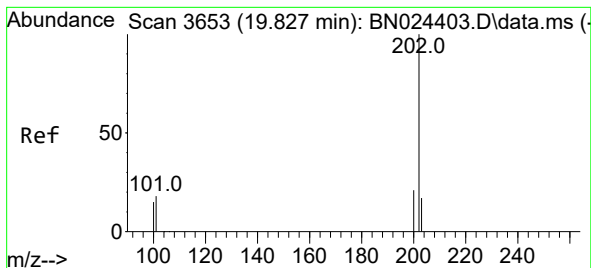
Tgt Ion:178 Resp: 19613
 Ion Ratio Lower Upper
 178 100
 179 23.5 12.3 18.5#
 176 33.1 15.3 22.9#



#19
 Fluoranthene
 Concen: 0.201 ng/ul
 RT: 19.468 min Scan# 3576
 Delta R.T. 0.004 min
 Lab File: BN024413.D
 Acq: 20 Mar 2023 15:59

Tgt Ion:202 Resp: 29892
 Ion Ratio Lower Upper
 202 100
 101 25.3 10.4 15.6#
 100 12.8 7.7 11.5#





#20

Pyrene

Concen: 0.169 ng/ul

RT: 19.831 min Scan# 3

Delta R.T. 0.004 min

Lab File: BN024413.D

Acq: 20 Mar 2023 15:59

Instrument :

BNA_N

ClientSampleId :

CB911

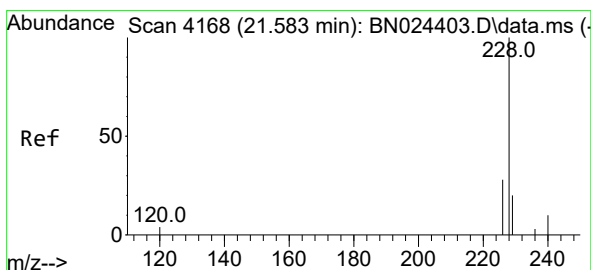
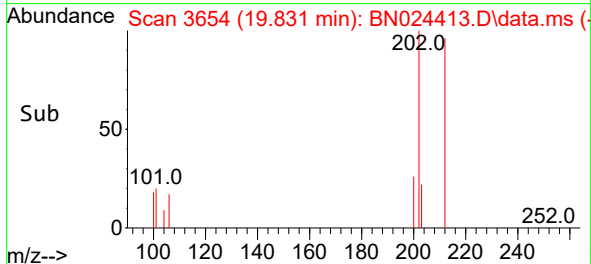
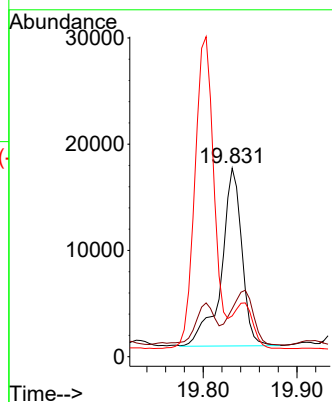
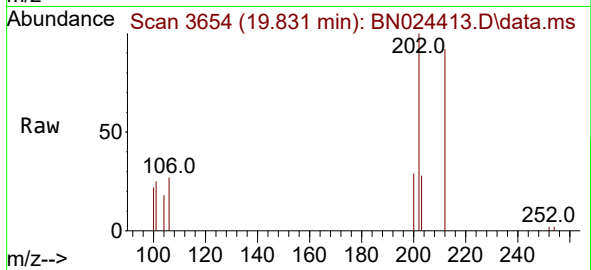
Tgt Ion:202 Resp: 25499

Ion Ratio Lower Upper

202 100

101 25.5 12.1 18.1#

100 21.7 9.4 14.0#



#21

Benzo(a)anthracene

Concen: 0.038 ng/ul

RT: 21.586 min Scan# 4169

Delta R.T. 0.003 min

Lab File: BN024413.D

Acq: 20 Mar 2023 15:59

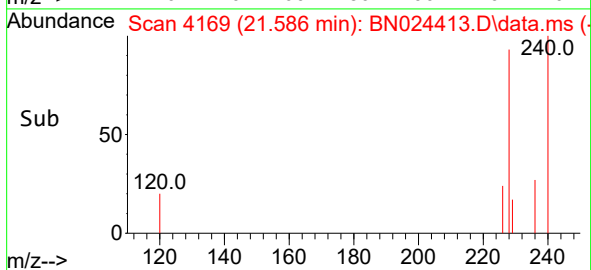
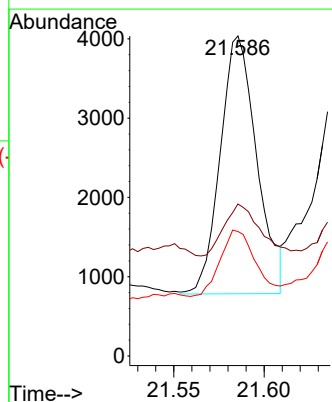
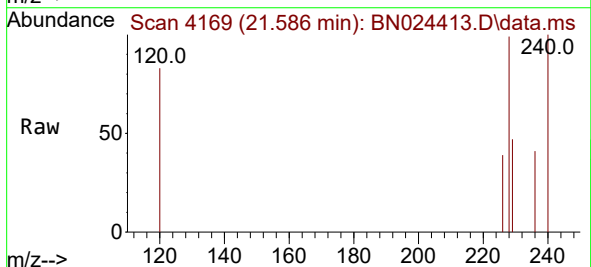
Tgt Ion:228 Resp: 4588

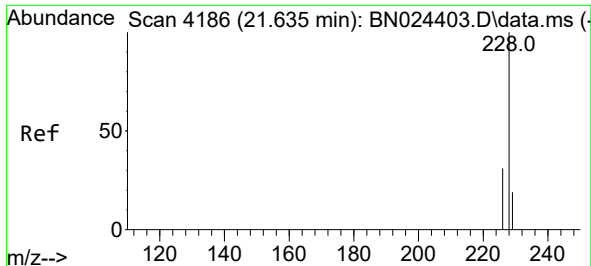
Ion Ratio Lower Upper

228 100

229 47.5 15.8 23.6#

226 38.9 22.2 33.4#





#22

Chrysene

Concen: 0.035 ng/ul

RT: 21.641 min Scan# 4186

Delta R.T. 0.006 min

Lab File: BN024413.D

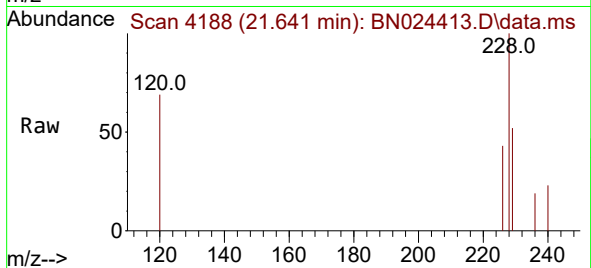
Acq: 20 Mar 2023 15:59

Instrument :

BNA_N

ClientSampleId :

CB911



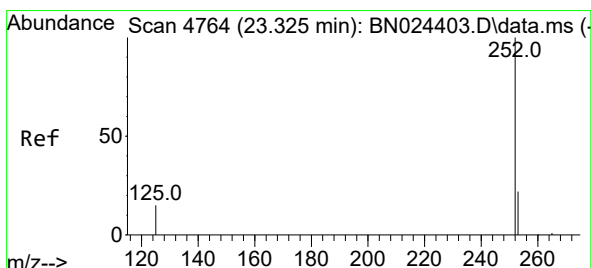
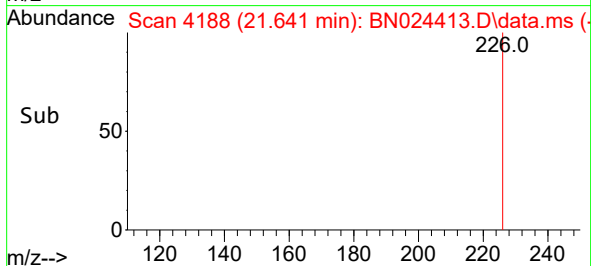
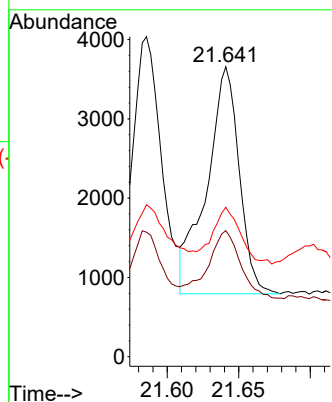
Tgt Ion:228 Resp: 4526

Ion Ratio Lower Upper

228 100

226 43.5 24.8 37.2#

229 51.5 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.049 ng/ul

RT: 23.333 min Scan# 4767

Delta R.T. 0.009 min

Lab File: BN024413.D

Acq: 20 Mar 2023 15:59

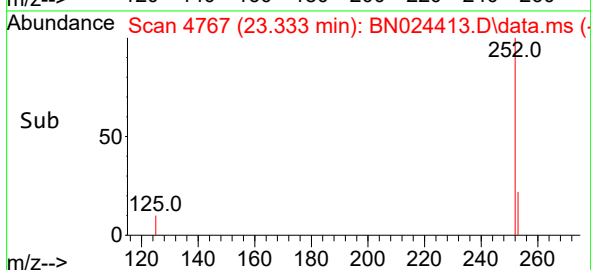
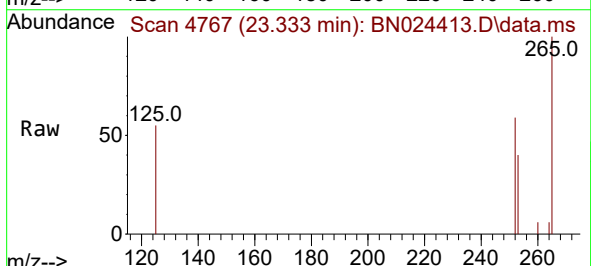
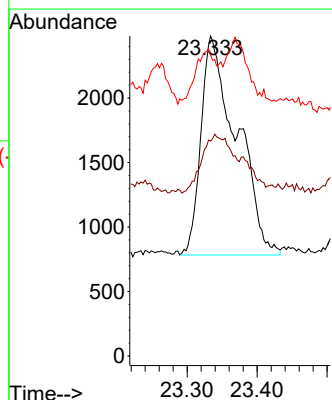
Tgt Ion:252 Resp: 6013

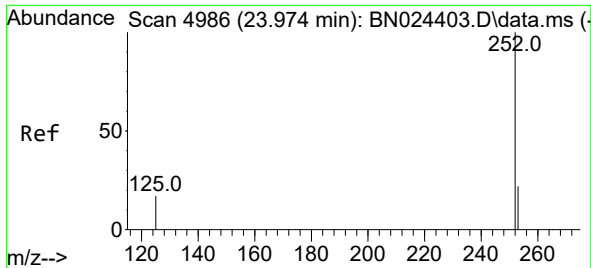
Ion Ratio Lower Upper

252 100

253 67.2 0.0 46.2#

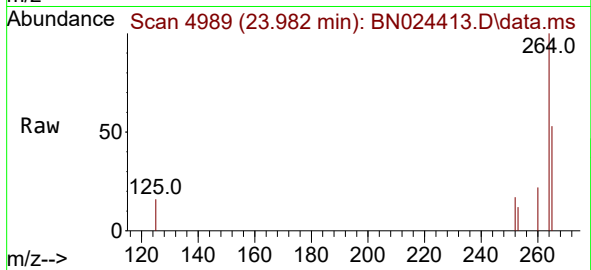
125 94.0 0.0 34.0#





#26
Benzo(a)pyrene
Concen: 0.025 ng/ul
RT: 23.982 min Scan# 4989
Delta R.T. 0.009 min
Lab File: BN024413.D
Acq: 20 Mar 2023 15:59

Instrument :
BNA_N
ClientSampleId :
CB911



Tgt Ion:252 Resp: 2633
Ion Ratio Lower Upper
252 100
253 71.1 19.2 28.8#
125 94.3 15.8 23.6#

