

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
 Data File : BN025013.D
 Acq On : 19 Apr 2023 22:14
 Operator : CG/JU
 Sample : 02296-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBL4

Quant Time: Apr 20 05:10:42 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 05:08:16 2023
 Response via : Initial Calibration

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

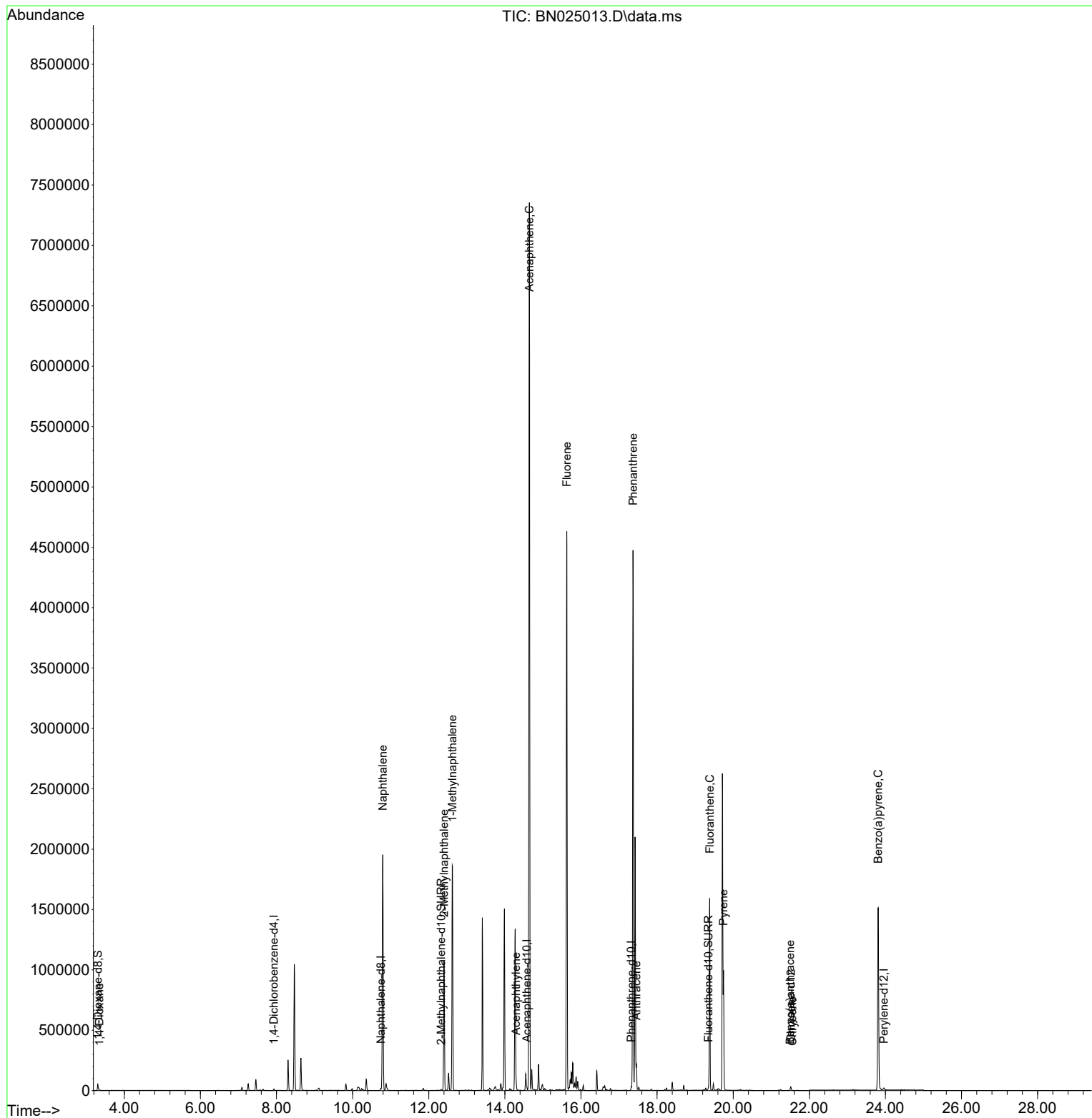
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	6691	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	21521	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	17352	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	30384	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	26531	0.400	ng/ul	0.00
23) Perylene-d12	23.961	264	23604	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	34444	4.714	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	11022	0.399	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	28075	0.426	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	187	0.023	ng/ul#	40
5) Naphthalene	10.792	128	2613705	47.651	ng/ul	100
7) 2-Methylnaphthalene	12.403	142	732679	21.482	ng/ul	100
8) 1-Methylnaphthalene	12.623	142	1258013	34.791	ng/ul	99
10) Acenaphthylene	14.297	152	51434	0.790	ng/ul#	84
11) Acenaphthene	14.644	153	4386122	78.628	ng/ul	96
12) Fluorene	15.625	166	2938512	47.033	ng/ul	97
15) Phenanthrene	17.368	178	4852820	56.677	ng/ul	99
16) Anthracene	17.456	178	205233	2.884	ng/ul	100
19) Fluoranthene	19.382	202	1258573	13.776	ng/ul	99
20) Pyrene	19.744	202	759895	8.118	ng/ul	100
21) Benzo(a)anthracene	21.497	228	8728	0.104	ng/ul	97
22) Chrysene	21.552	228	2354	0.026	ng/ul#	87
26) Benzo(a)pyrene	23.809	252	7901	0.101	ng/ul#	61

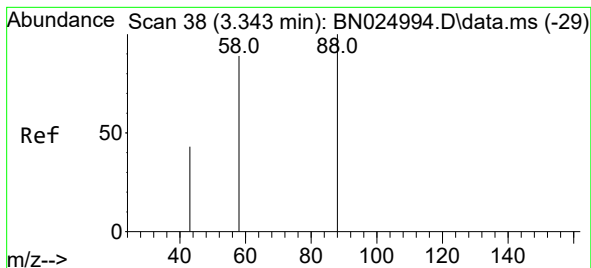
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.023 ng/ul

RT: 3.343 min Scan# 38

Delta R.T. -0.000 min

Lab File: BN025013.D

Acq: 19 Apr 2023 22:14

Instrument :

BNA_N

ClientSampleId :

DCBL4

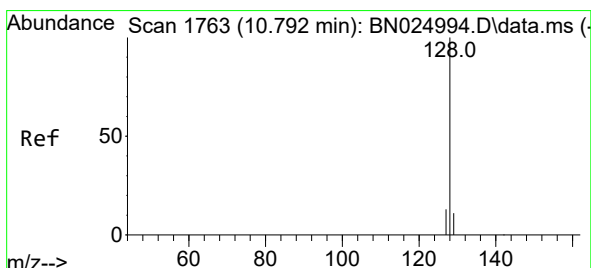
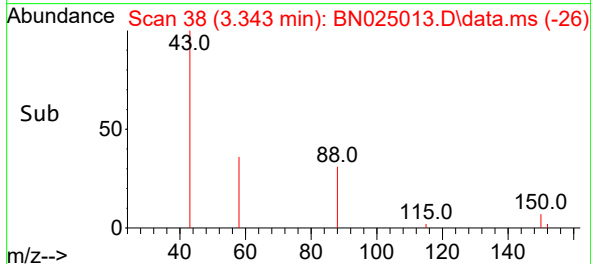
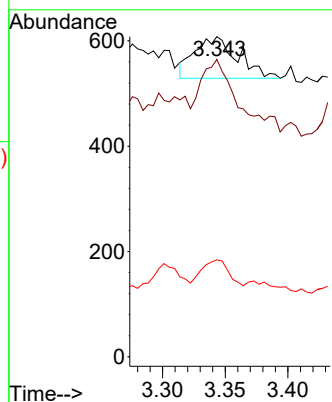
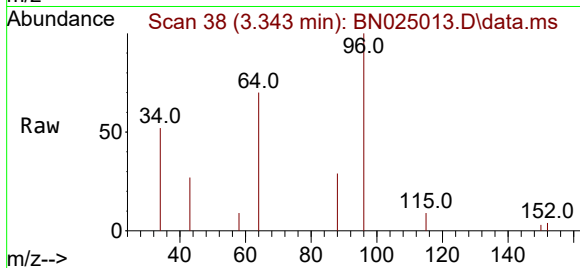
Tgt Ion: 88 Resp: 187

Ion Ratio Lower Upper

88 100

43 92.9 39.1 58.7#

58 30.3 65.7 98.5#



#5

Naphthalene

Concen: 47.651 ng/ul

RT: 10.792 min Scan# 1763

Delta R.T. -0.000 min

Lab File: BN025013.D

Acq: 19 Apr 2023 22:14

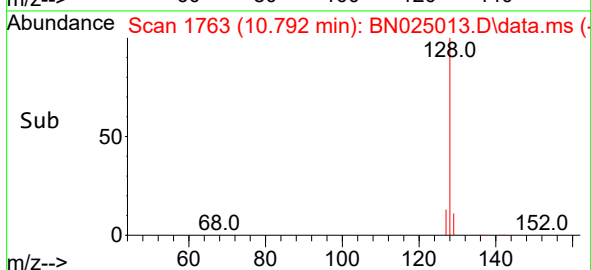
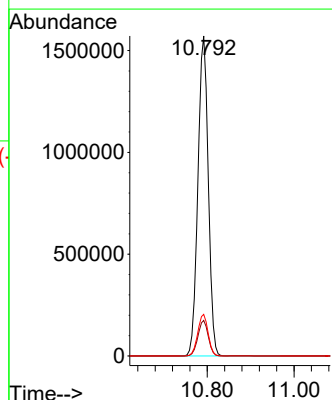
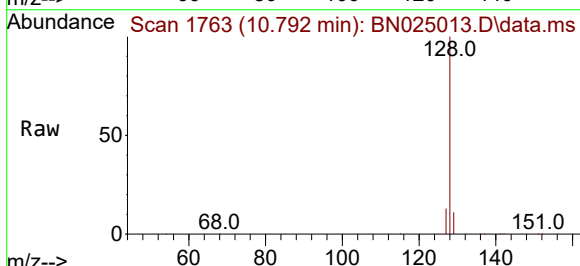
Tgt Ion:128 Resp: 2613705

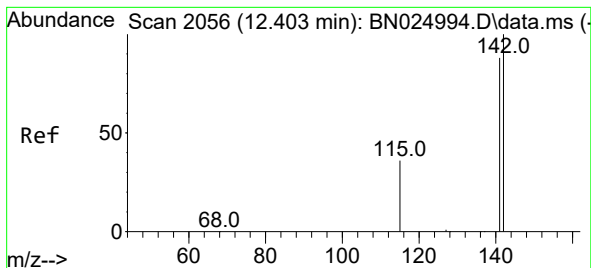
Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

127 13.0 10.5 15.7

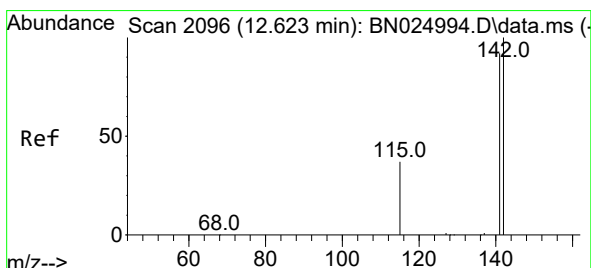
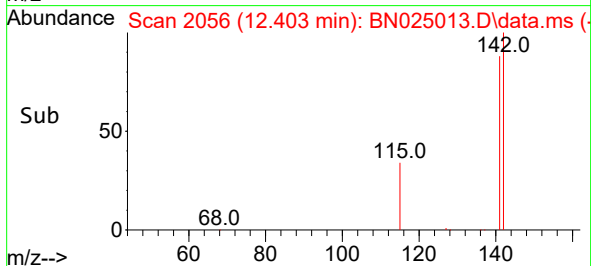
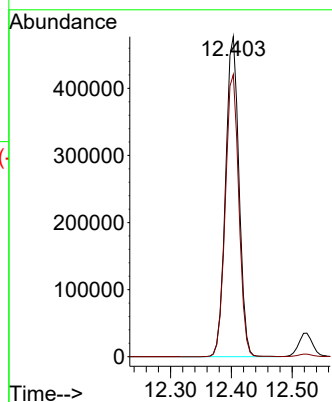
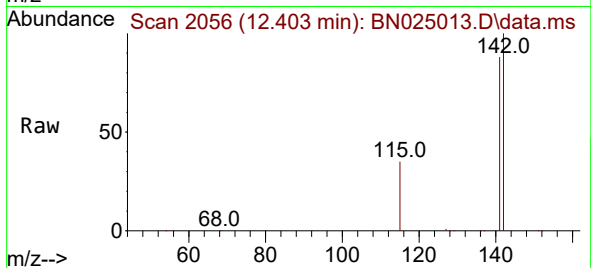




#7
2-Methylnaphthalene
Concen: 21.482 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BN025013.D
Acq: 19 Apr 2023 22:14

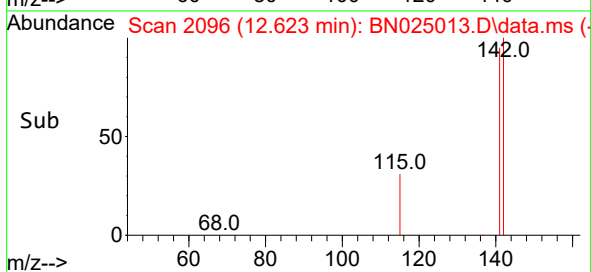
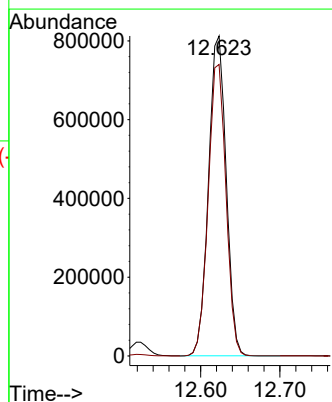
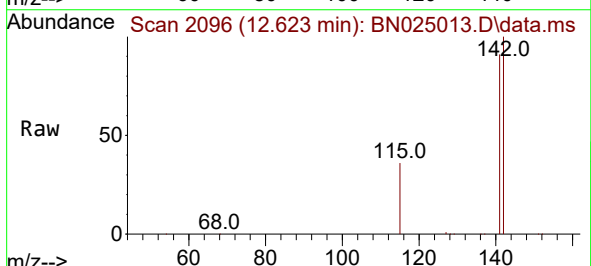
Instrument :
BNA_N
ClientSampleId :
DCBL4

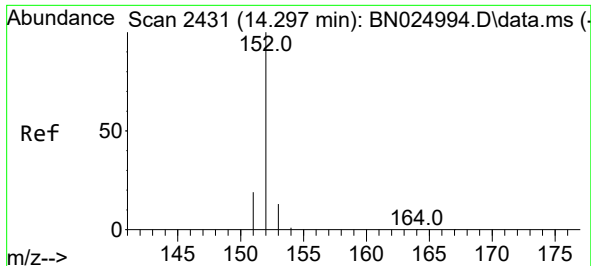
Tgt Ion:142 Resp: 732679
Ion Ratio Lower Upper
142 100
141 88.7 70.7 106.1



#8
1-Methylnaphthalene
Concen: 34.791 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BN025013.D
Acq: 19 Apr 2023 22:14

Tgt Ion:142 Resp: 1258013
Ion Ratio Lower Upper
142 100
141 91.7 74.0 111.0

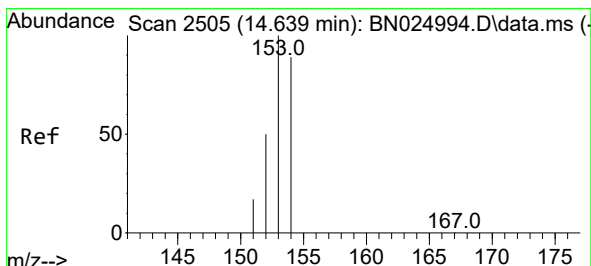
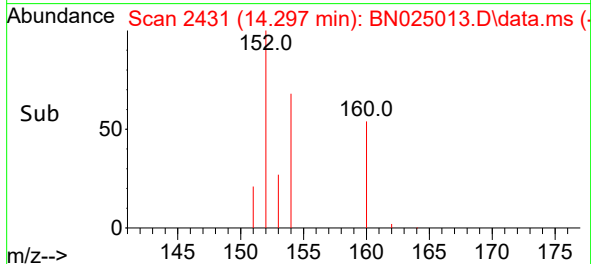
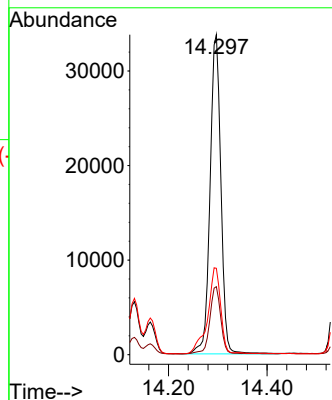
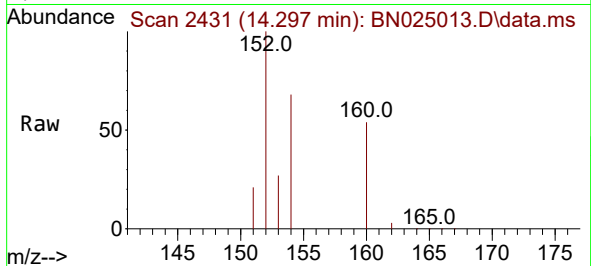




#10
Acenaphthylene
Concen: 0.790 ng/ul
RT: 14.297 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN025013.D
Acq: 19 Apr 2023 22:14

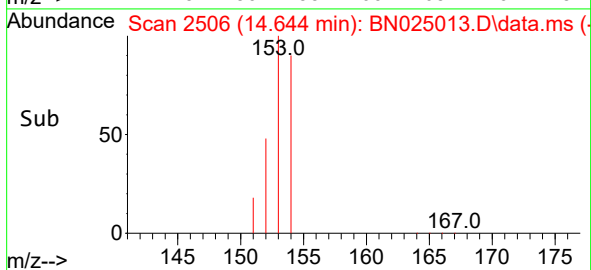
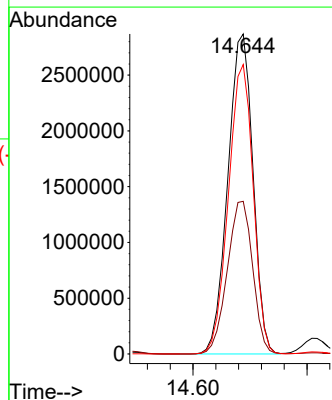
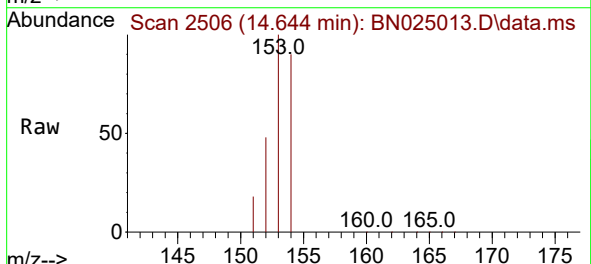
Instrument :
BNA_N
ClientSampleId :
DCBL4

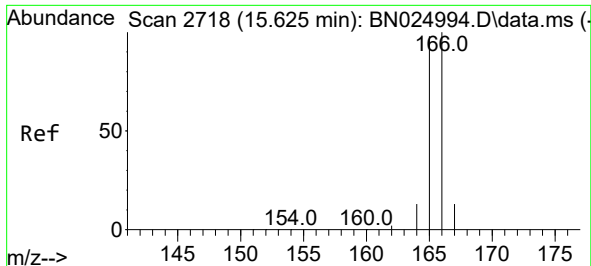
Tgt Ion:152 Resp: 51434
Ion Ratio Lower Upper
152 100
151 21.2 15.7 23.5
153 27.0 10.6 16.0#



#11
Acenaphthene
Concen: 78.628 ng/ul
RT: 14.644 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN025013.D
Acq: 19 Apr 2023 22:14

Tgt Ion:153 Resp: 4386122
Ion Ratio Lower Upper
153 100
152 47.7 40.7 61.1
154 90.5 69.4 104.2

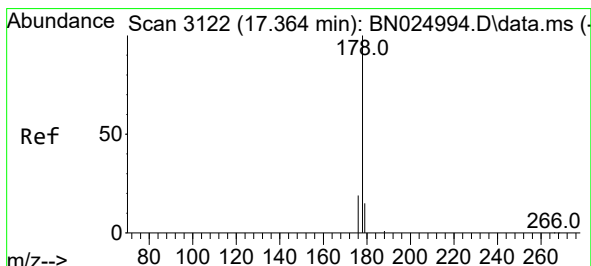
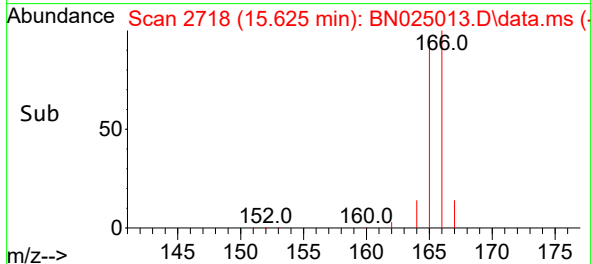
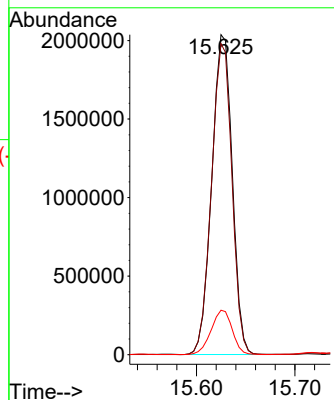
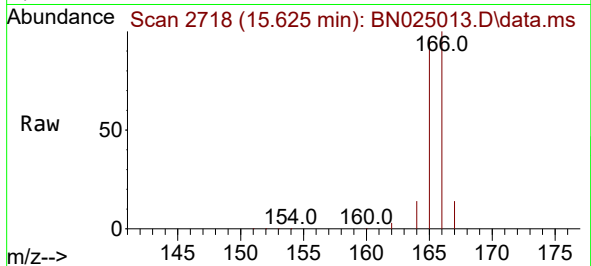




#12
Fluorene
Concen: 47.033 ng/ul
RT: 15.625 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025013.D
Acq: 19 Apr 2023 22:14

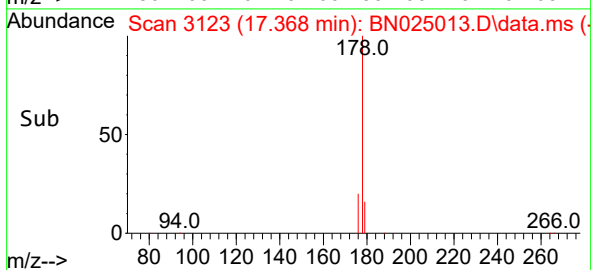
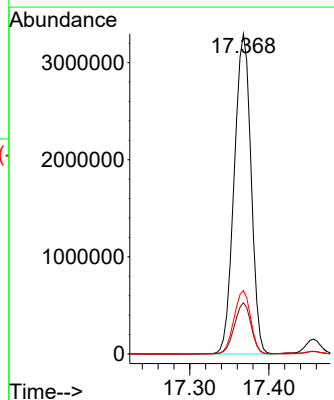
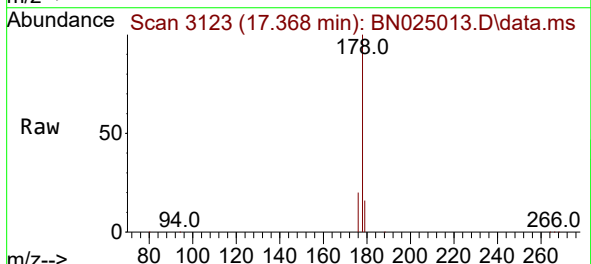
Instrument :
BNA_N
ClientSampleId :
DCBL4

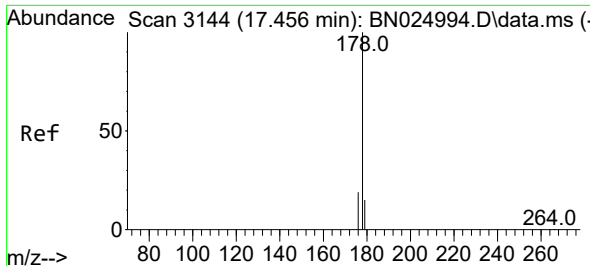
Tgt Ion:166 Resp: 2938512
Ion Ratio Lower Upper
166 100
165 97.2 80.1 120.1
167 13.9 10.7 16.1



#15
Phenanthrene
Concen: 56.677 ng/ul
RT: 17.368 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BN025013.D
Acq: 19 Apr 2023 22:14

Tgt Ion:178 Resp: 4852820
Ion Ratio Lower Upper
178 100
179 16.0 12.3 18.5
176 19.8 15.4 23.0

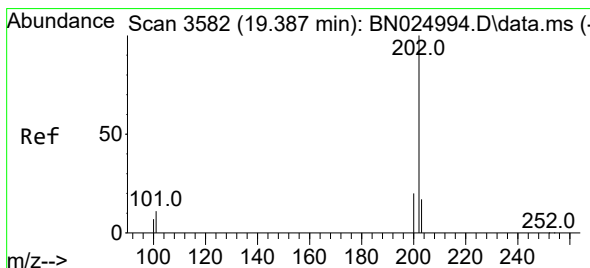
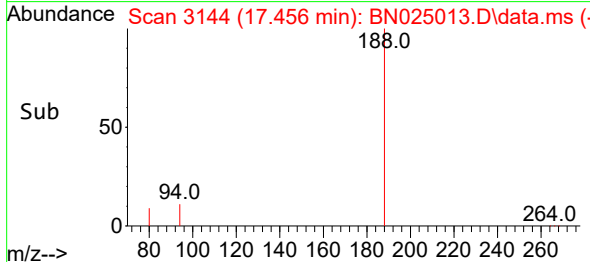
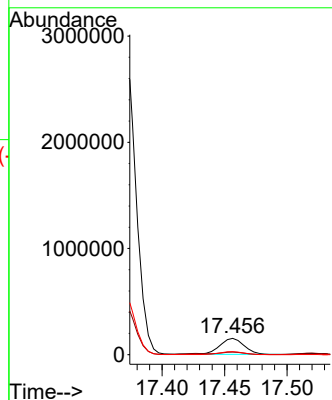
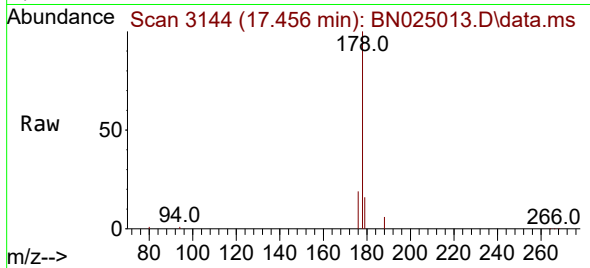




#16
 Anthracene
 Concen: 2.884 ng/ul
 RT: 17.456 min Scan# 3144
 Delta R.T. -0.000 min
 Lab File: BN025013.D
 Acq: 19 Apr 2023 22:14

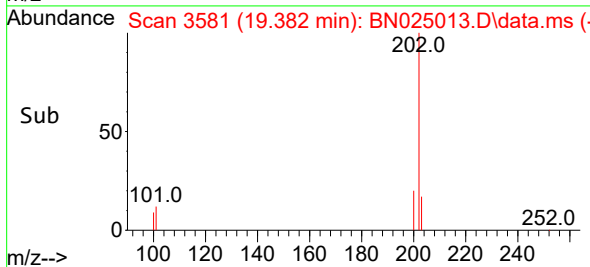
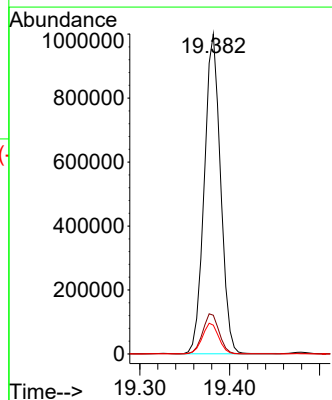
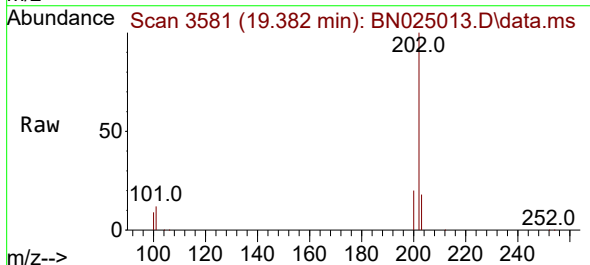
Instrument :
 BNA_N
 ClientSampleId :
 DCBL4

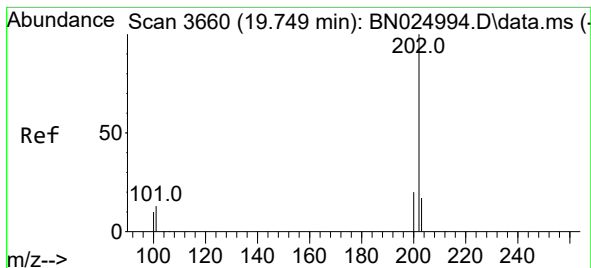
Tgt Ion:178 Resp: 205233
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.4 18.6
 176 18.5 14.7 22.1



#19
 Fluoranthene
 Concen: 13.776 ng/ul
 RT: 19.382 min Scan# 3581
 Delta R.T. -0.000 min
 Lab File: BN025013.D
 Acq: 19 Apr 2023 22:14

Tgt Ion:202 Resp: 1258573
 Ion Ratio Lower Upper
 202 100
 101 12.1 10.0 15.0
 100 9.0 7.5 11.3





#20

Pyrene

Concen: 8.118 ng/ul

RT: 19.744 min Scan# 3659

Delta R.T. -0.000 min

Lab File: BN025013.D

Acq: 19 Apr 2023 22:14

Instrument :

BNA_N

ClientSampleId :

DCBL4

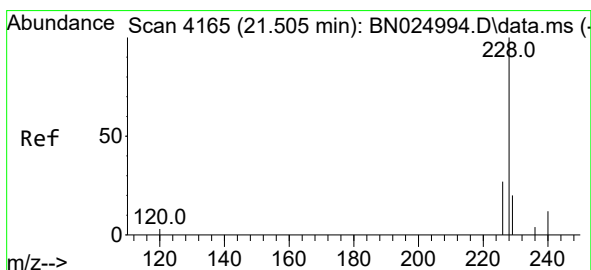
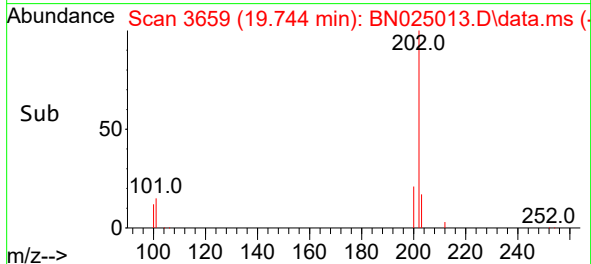
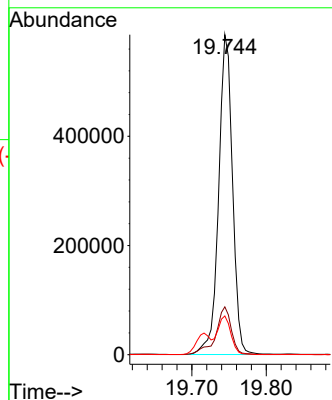
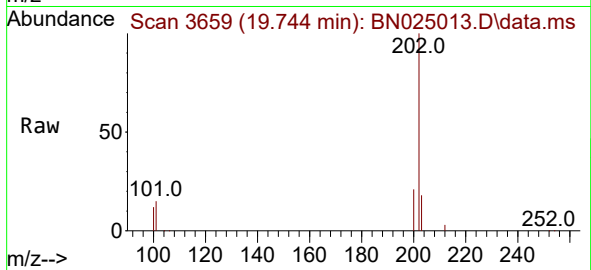
Tgt Ion:202 Resp: 759895

Ion Ratio Lower Upper

202 100

101 15.0 11.8 17.8

100 12.1 9.5 14.3



#21

Benzo(a)anthracene

Concen: 0.104 ng/ul

RT: 21.497 min Scan# 4162

Delta R.T. -0.003 min

Lab File: BN025013.D

Acq: 19 Apr 2023 22:14

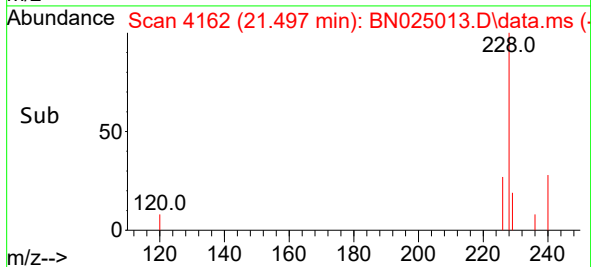
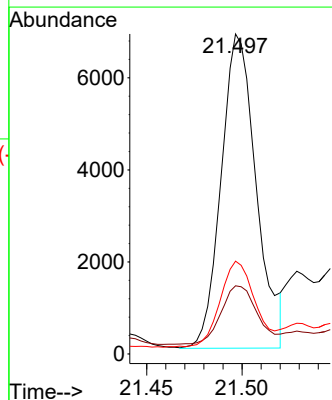
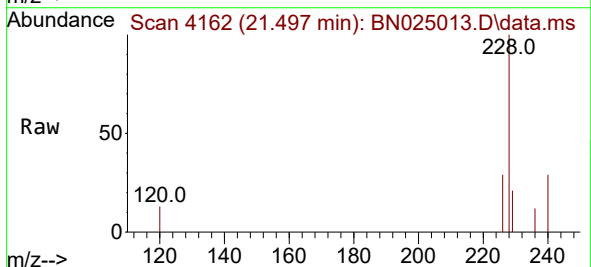
Tgt Ion:228 Resp: 8728

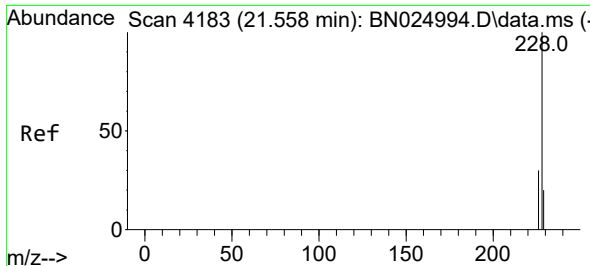
Ion Ratio Lower Upper

228 100

229 21.3 15.8 23.8

226 29.0 22.2 33.2





#22

Chrysene

Concen: 0.026 ng/ul

RT: 21.552 min Scan# 4183

Delta R.T. -0.000 min

Lab File: BN025013.D

Acq: 19 Apr 2023 22:14

Instrument :

BNA_N

ClientSampleId :

DCBL4

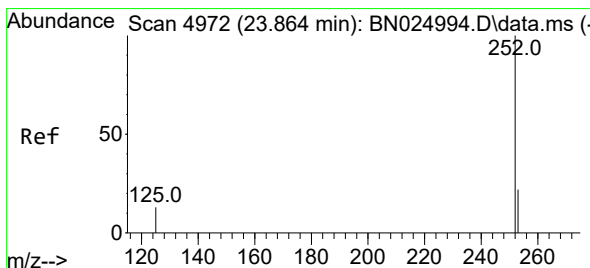
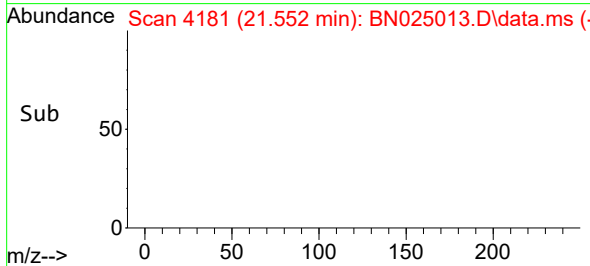
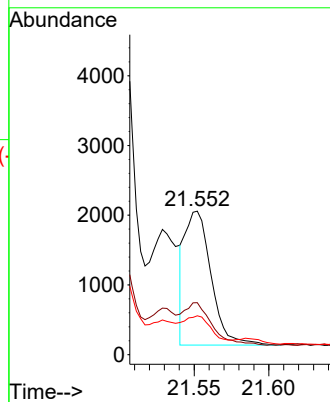
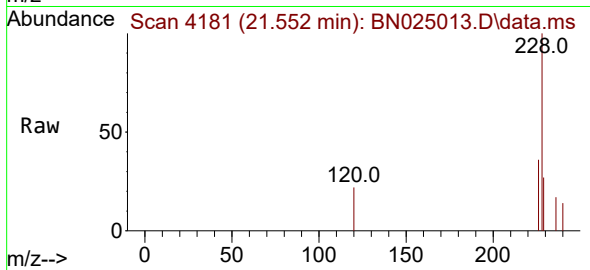
Tgt Ion:228 Resp: 2354

Ion Ratio Lower Upper

228 100

226 36.2 24.3 36.5

229 27.1 15.7 23.5#



#26

Benzo(a)pyrene

Concen: 0.101 ng/ul

RT: 23.809 min Scan# 4953

Delta R.T. -0.044 min

Lab File: BN025013.D

Acq: 19 Apr 2023 22:14

Tgt Ion:252 Resp: 7901

Ion Ratio Lower Upper

252 100

253 46.1 20.7 31.1#

125 37.6 15.9 23.9#

