

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
 Data File : BN025016.D
 Acq On : 20 Apr 2023 00:01
 Operator : CG/JU
 Sample : 02296-07DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBK8DL

Quant Time: Apr 20 05:11:09 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)

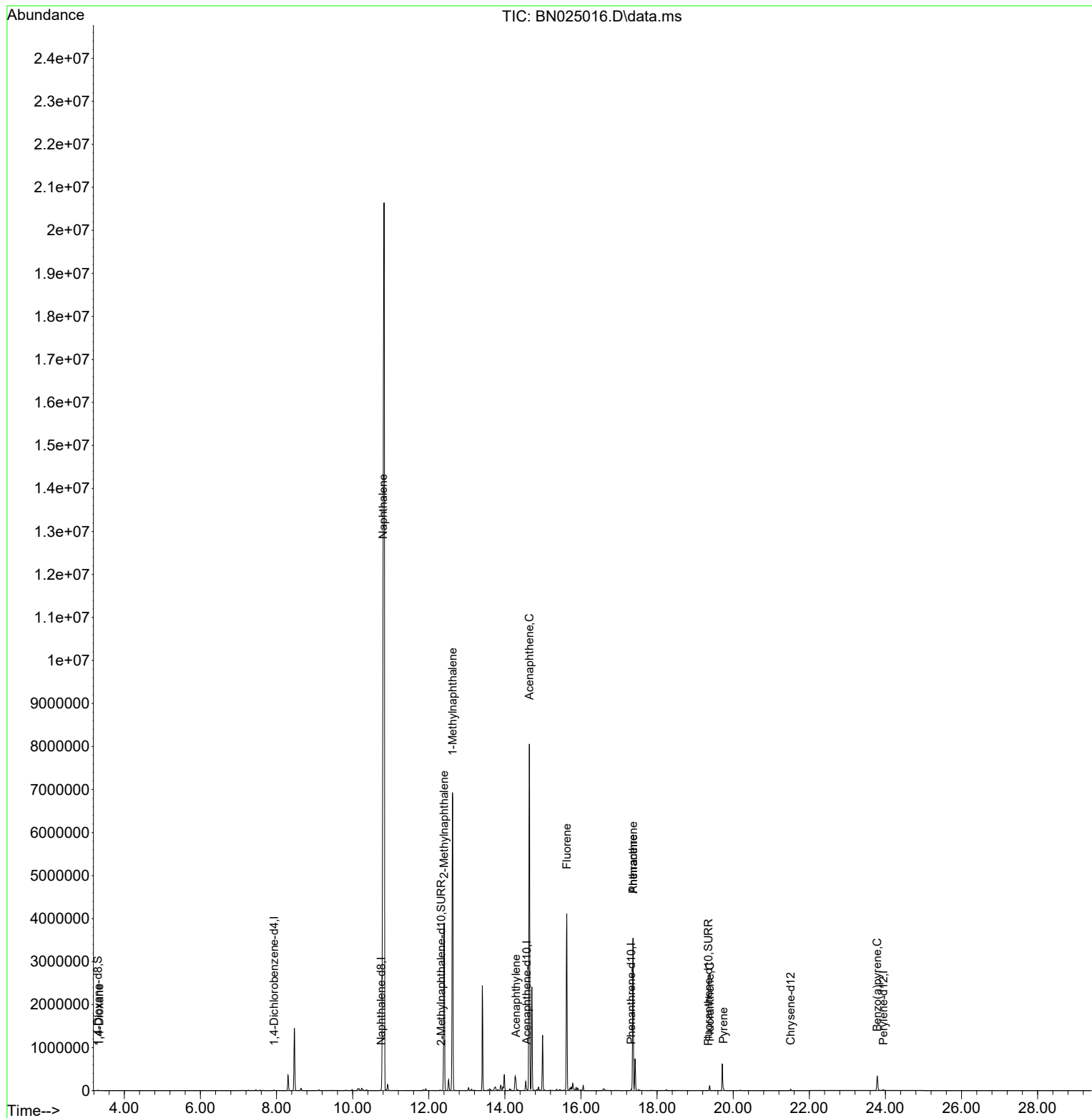
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	8056	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	26226	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	21919	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.321	188	36340	0.400	ng/ul	0.00
17) Chrysene-d12	21.511	240	30609	0.400	ng/ul	0.00
23) Perylene-d12	23.943	264	26478	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	7286	0.828	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	2637	0.078	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	6313	0.083	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.343	88	217	0.022	ng/ul#	47
5) Naphthalene	10.798	128	29927544	447.733	ng/ul#	93
7) 2-Methylnaphthalene	12.403	142	2681651	64.520	ng/ul	100
8) 1-Methylnaphthalene	12.629	142	4844825	109.950	ng/ul	98
10) Acenaphthylene	14.293	152	50930	0.620	ng/ul#	52
11) Acenaphthene	14.644	153	4831214	68.561	ng/ul	96
12) Fluorene	15.625	166	2598583	32.926	ng/ul	98
15) Phenanthrene	17.368	178	3899578	38.079	ng/ul	99
16) Anthracene	17.368	178	2616473	30.737	ng/ul	98
19) Fluoranthene	19.382	202	94499	0.897	ng/ul	98
20) Pyrene	19.744	202	38031	0.352	ng/ul	98
26) Benzo(a)pyrene	23.785	252	1878	0.021	ng/ul#	1

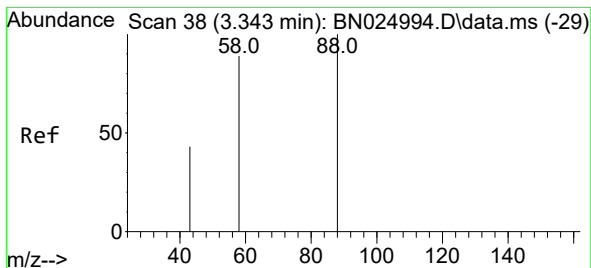
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.022 ng/ul

RT: 3.343 min Scan# 38

Delta R.T. 0.000 min

Lab File: BN025016.D

Acq: 20 Apr 2023 00:01

Instrument :

BNA_N

ClientSampleId :

DCBK8DL

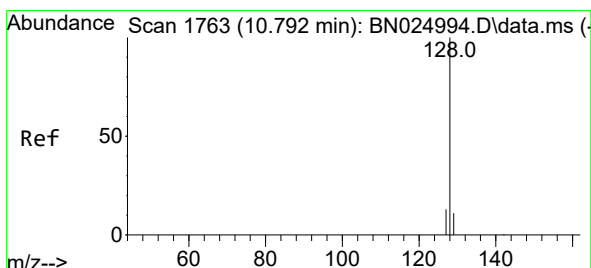
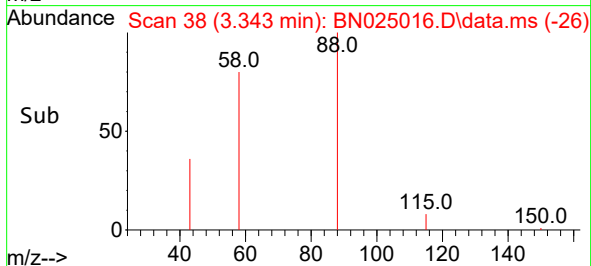
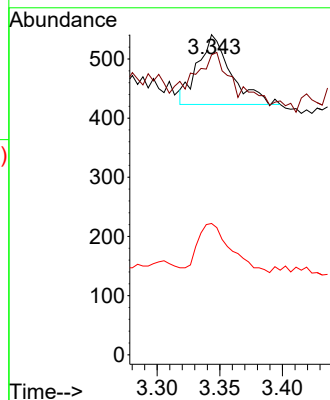
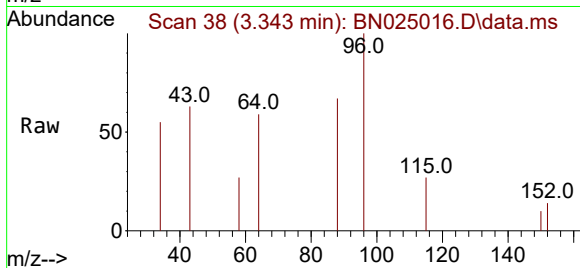
Tgt Ion: 88 Resp: 217

Ion Ratio Lower Upper

88 100

43 93.7 39.1 58.7#

58 41.0 65.7 98.5#



#5

Naphthalene

Concen: 447.733 ng/ul

RT: 10.798 min Scan# 1764

Delta R.T. 0.006 min

Lab File: BN025016.D

Acq: 20 Apr 2023 00:01

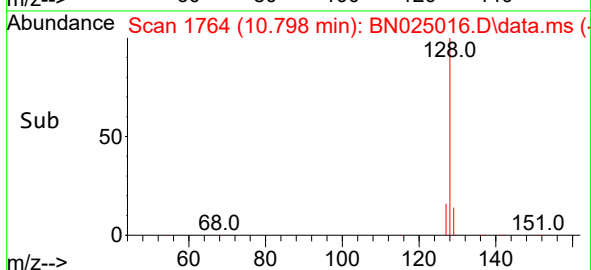
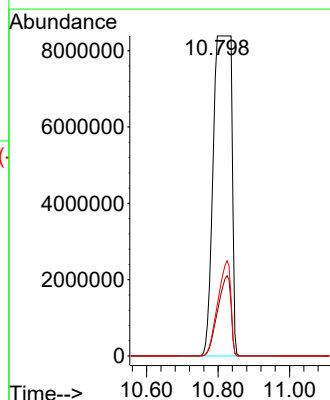
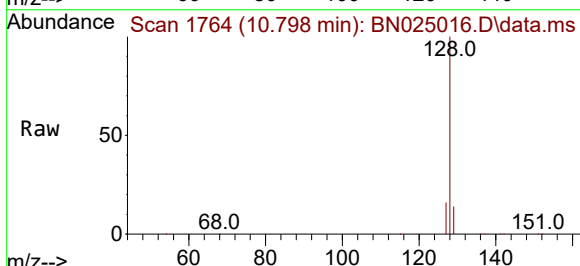
Tgt Ion:128 Resp:29927544

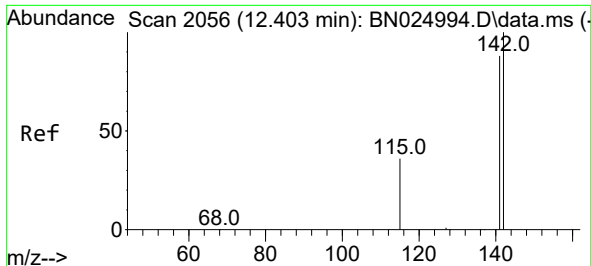
Ion Ratio Lower Upper

128 100

129 13.8 9.1 13.7#

127 16.0 10.5 15.7#

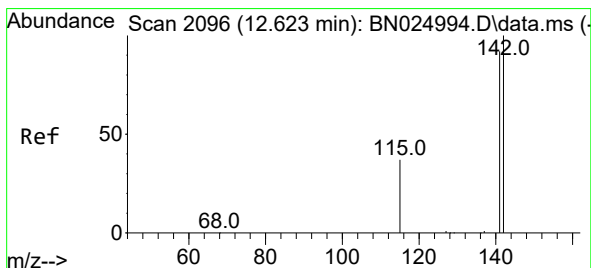
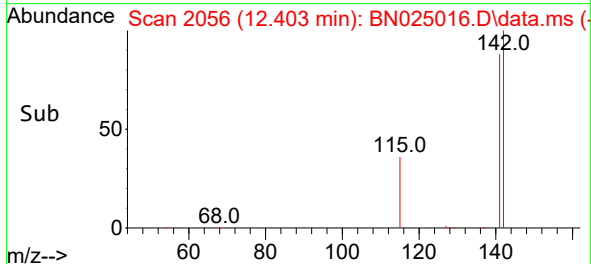
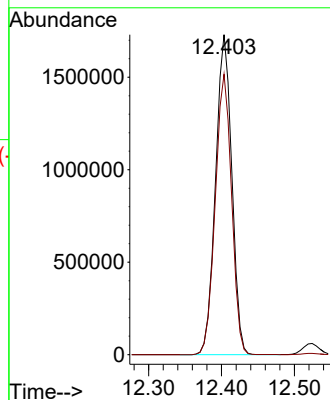
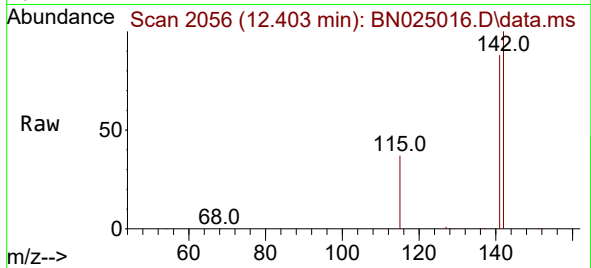




#7
2-Methylnaphthalene
Concen: 64.520 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025016.D
Acq: 20 Apr 2023 00:01

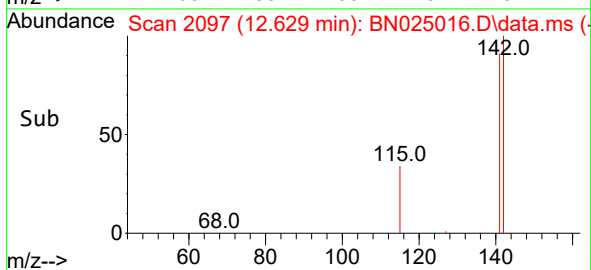
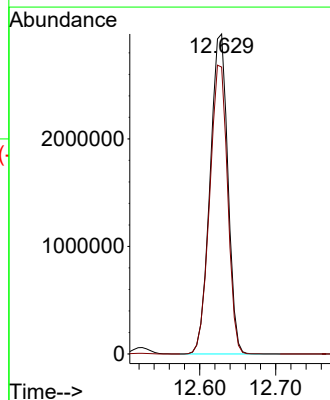
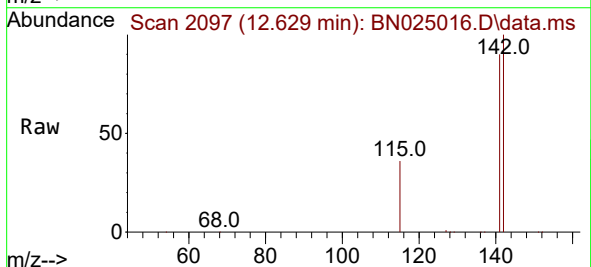
Instrument :
BNA_N
ClientSampleId :
DCBK8DL

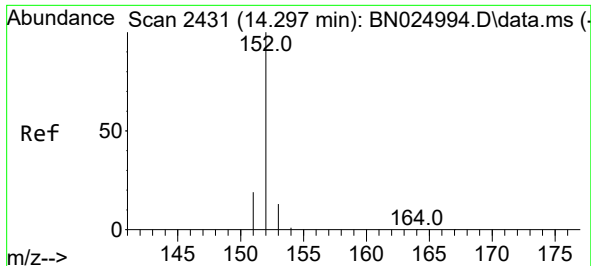
Tgt Ion:142 Resp: 2681651
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1



#8
1-Methylnaphthalene
Concen: 109.950 ng/ul
RT: 12.629 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BN025016.D
Acq: 20 Apr 2023 00:01

Tgt Ion:142 Resp: 4844825
Ion Ratio Lower Upper
142 100
141 90.8 74.0 111.0

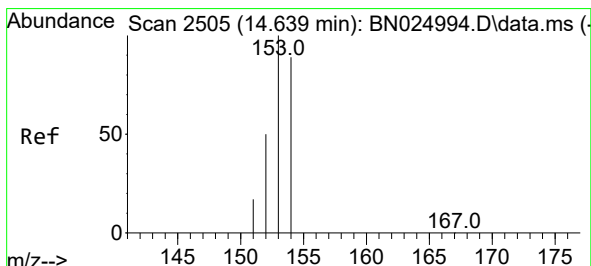
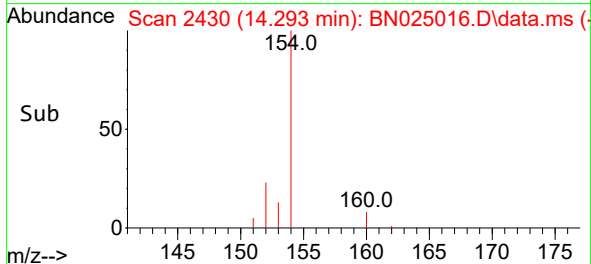
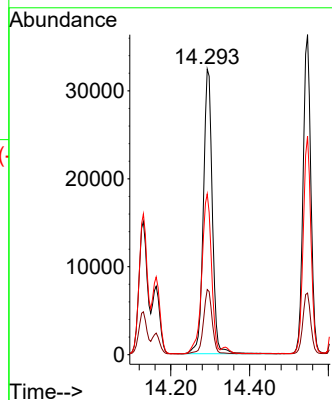
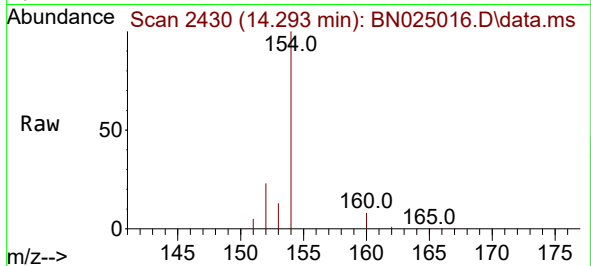




#10
Acenaphthylene
Concen: 0.620 ng/ul
RT: 14.293 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BN025016.D
Acq: 20 Apr 2023 00:01

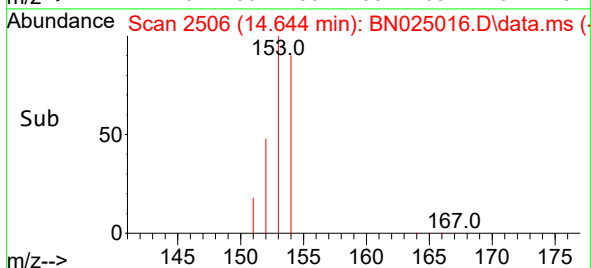
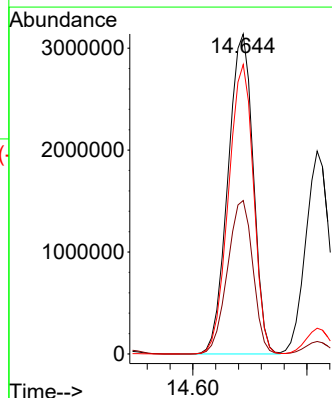
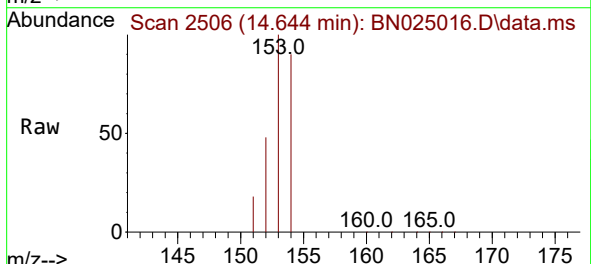
Instrument :
BNA_N
ClientSampleId :
DCBK8DL

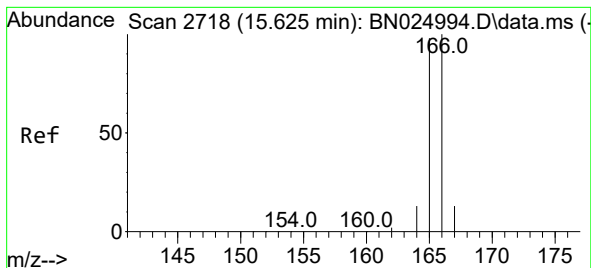
Tgt Ion:152 Resp: 50930
Ion Ratio Lower Upper
152 100
151 22.8 15.7 23.5
153 56.3 10.6 16.0#



#11
Acenaphthene
Concen: 68.561 ng/ul
RT: 14.644 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN025016.D
Acq: 20 Apr 2023 00:01

Tgt Ion:153 Resp: 4831214
Ion Ratio Lower Upper
153 100
152 47.9 40.7 61.1
154 90.5 69.4 104.2





#12

Fluorene

Concen: 32.926 ng/ul

RT: 15.625 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN025016.D

Acq: 20 Apr 2023 00:01

Instrument :

BNA_N

ClientSampleId :

DCBK8DL

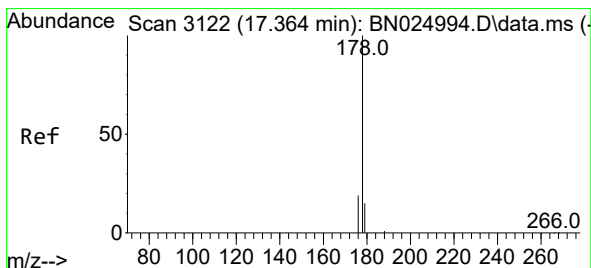
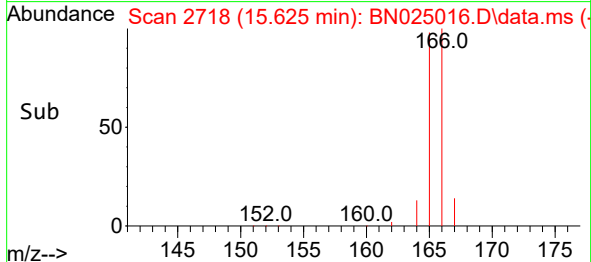
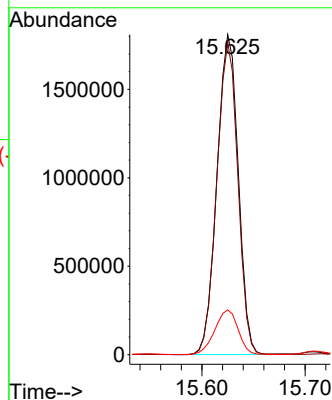
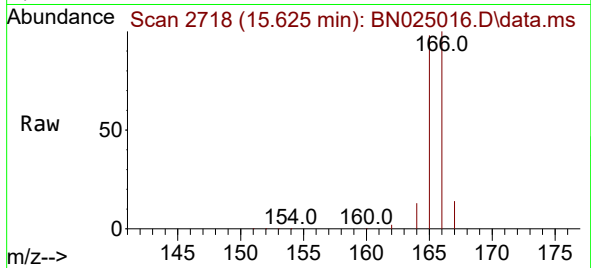
Tgt Ion:166 Resp: 2598583

Ion Ratio Lower Upper

166 100

165 97.6 80.1 120.1

167 14.0 10.7 16.1



#15

Phenanthrene

Concen: 38.079 ng/ul

RT: 17.368 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BN025016.D

Acq: 20 Apr 2023 00:01

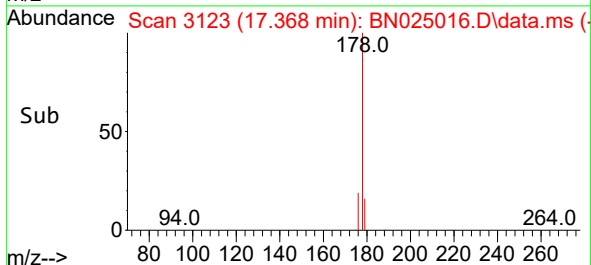
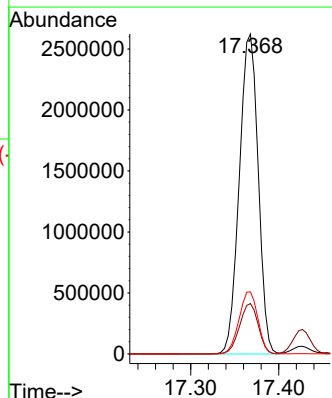
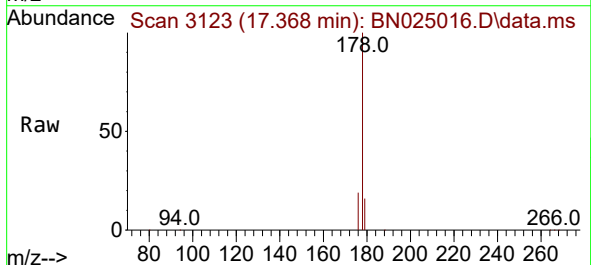
Tgt Ion:178 Resp: 3899578

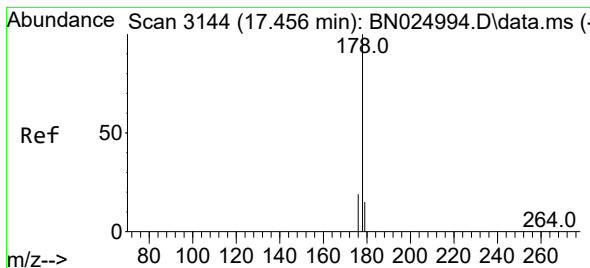
Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 19.4 15.4 23.0





#16

Anthracene

Concen: 30.737 ng/ul

RT: 17.368 min Scan# 3144

Delta R.T. -0.089 min

Lab File: BN025016.D

Acq: 20 Apr 2023 00:01

Instrument :

BNA_N

ClientSampleId :

DCBK8DL

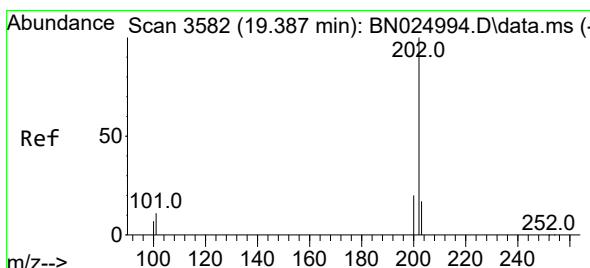
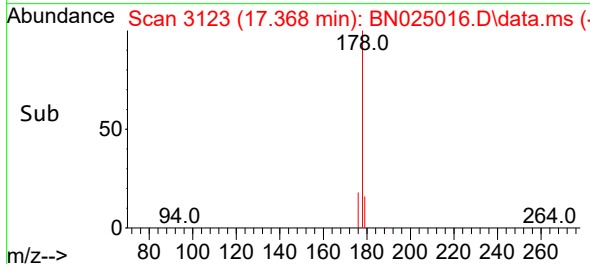
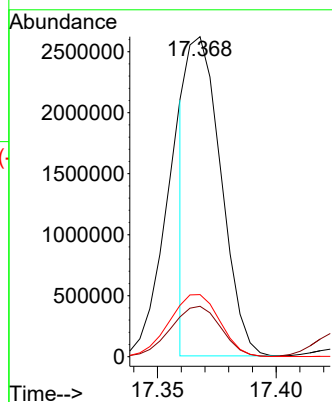
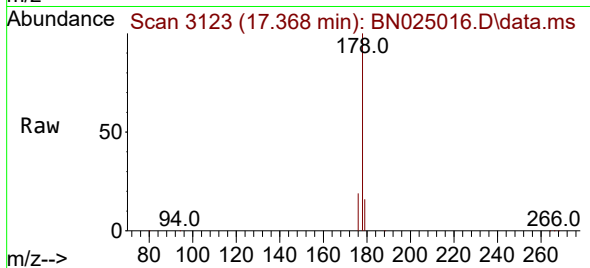
Tgt Ion:178 Resp: 2616473

Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 19.4 14.7 22.1



#19

Fluoranthene

Concen: 0.897 ng/ul

RT: 19.382 min Scan# 3581

Delta R.T. 0.000 min

Lab File: BN025016.D

Acq: 20 Apr 2023 00:01

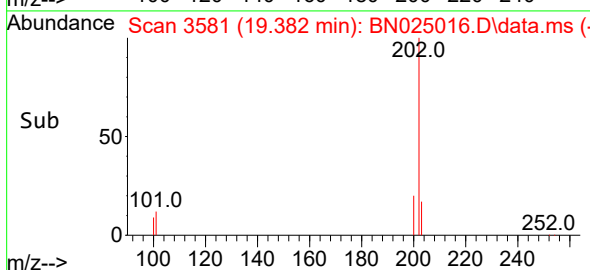
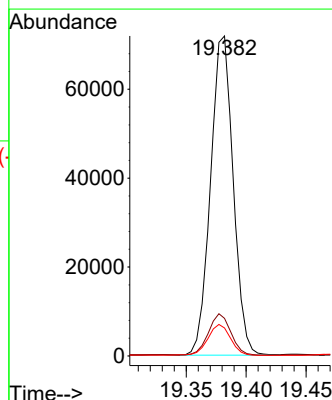
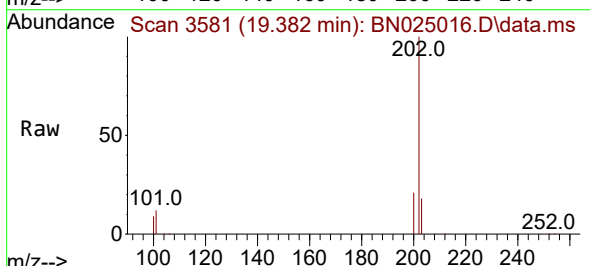
Tgt Ion:202 Resp: 94499

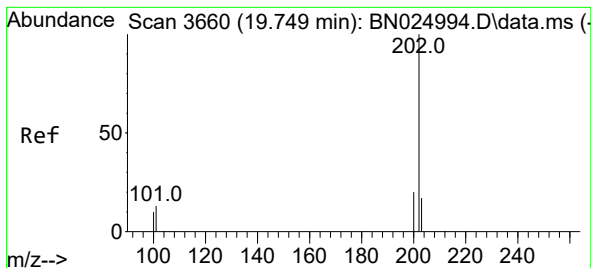
Ion Ratio Lower Upper

202 100

101 11.8 10.0 15.0

100 8.8 7.5 11.3





#20

Pyrene

Concen: 0.352 ng/ul

RT: 19.744 min Scan# 3659

Delta R.T. 0.000 min

Lab File: BN025016.D

Acq: 20 Apr 2023 00:01

Instrument :

BNA_N

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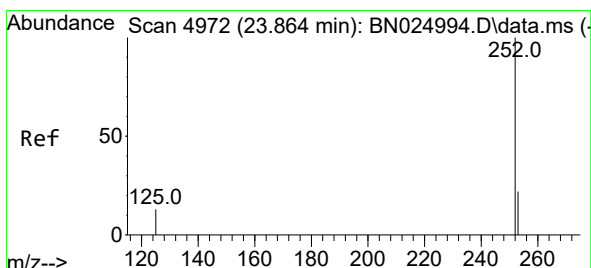
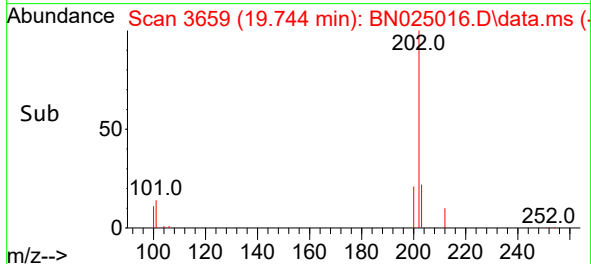
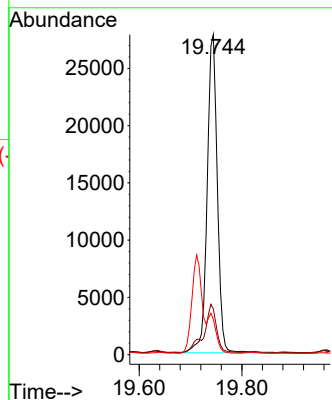
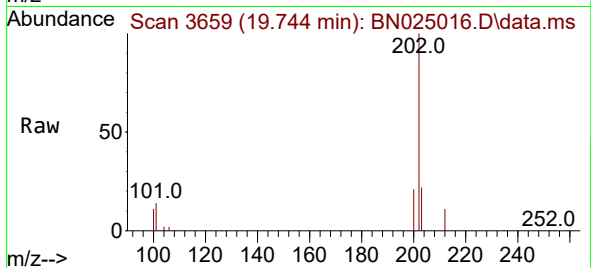
Tgt Ion:202 Resp: 38031

Ion Ratio Lower Upper

202 100

101 14.3 11.8 17.8

100 11.1 9.5 14.3



#26

Benzo(a)pyrene

Concen: 0.021 ng/ul

RT: 23.785 min Scan# 4945

Delta R.T. -0.067 min

Lab File: BN025016.D

Acq: 20 Apr 2023 00:01

Tgt Ion:252 Resp: 1878

Ion Ratio Lower Upper

252 100

253 85.0 20.7 31.1#

125 66.1 15.9 23.9#

