

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100323\
 Data File : BN028021.D
 Acq On : 03 Oct 2023 22:12
 Operator : MA/JU
 Sample : 04480-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBJ07RE

Quant Time: Oct 04 04:09:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

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

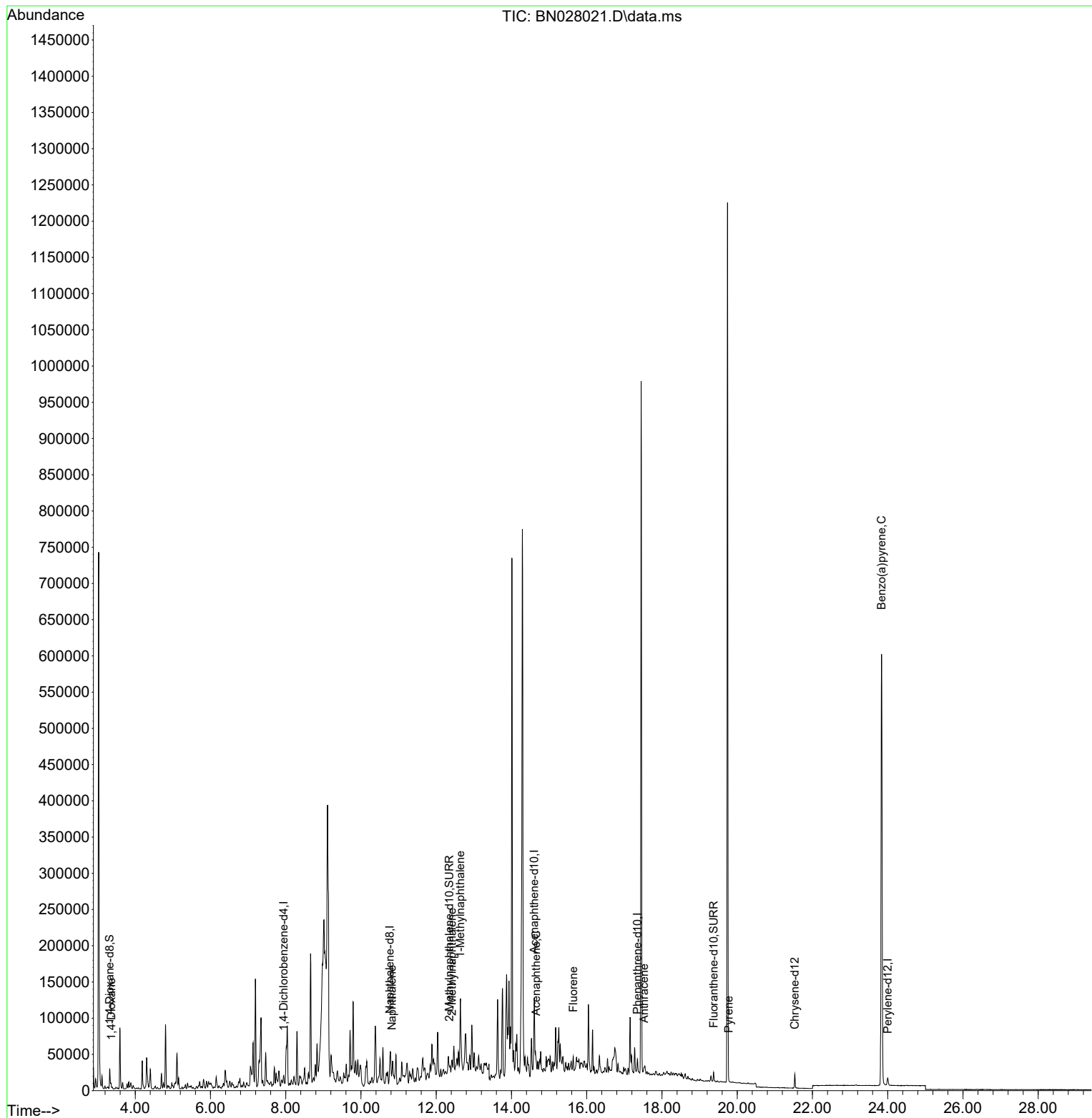
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	4523	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.768	136	15295	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.606	164	78772	0.400	ng/ul	# 0.01
13) Phenanthrene-d10	17.346	188	22050	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.530	240	17030	0.400	ng/ul	# 0.00
23) Perylene-d12	24.000	264	15132	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	16804	2.958	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	8681	0.352	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	14079	0.261	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.359	88	983	0.163	ng/ul#	1
5) Naphthalene	10.817	128	8135	0.187	ng/ul#	68
7) 2-Methylnaphthalene	12.418	142	2161	0.079	ng/ul#	1
8) 1-Methylnaphthalene	12.638	142	18634	0.657	ng/ul#	77
11) Acenaphthene	14.657	153	7375	0.026	ng/ul	89
12) Fluorene	15.642	166	12511	0.040	ng/ul#	82
16) Anthracene	17.527	178	4993	0.085	ng/ul#	1
20) Pyrene	19.771	202	1398	0.021	ng/ul#	47
26) Benzo(a)pyrene	23.836	252	3062	0.064	ng/ul#	12

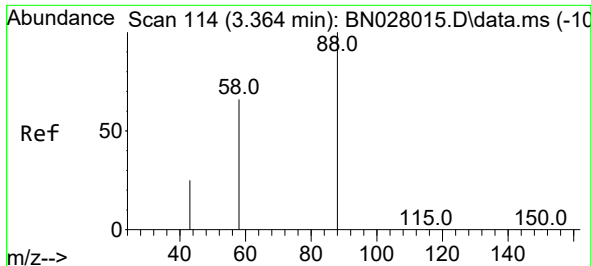
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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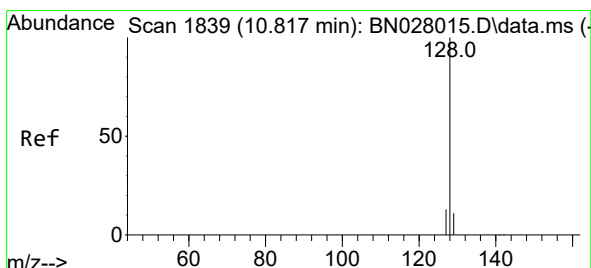
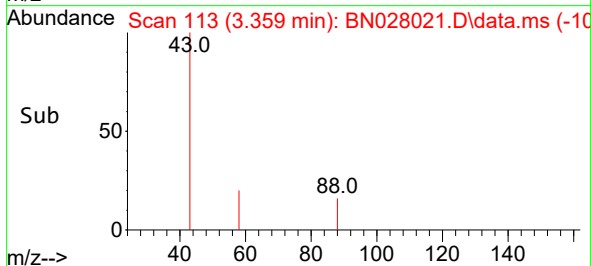
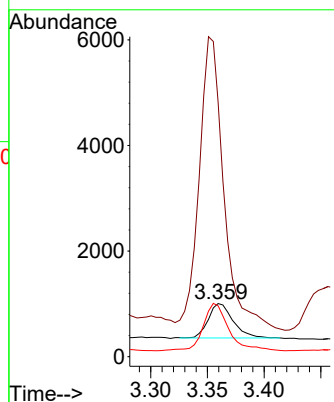
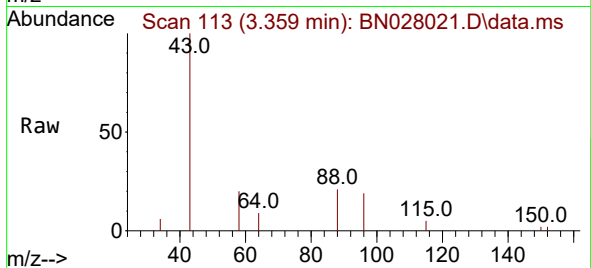




#2
1,4-Dioxane
Concen: 0.163 ng/ul
RT: 3.359 min Scan# 114
Delta R.T. -0.004 min
Lab File: BN028021.D
Acq: 03 Oct 2023 22:12

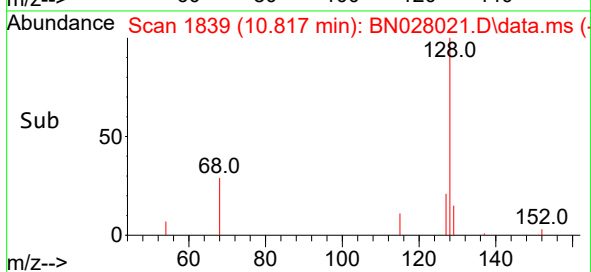
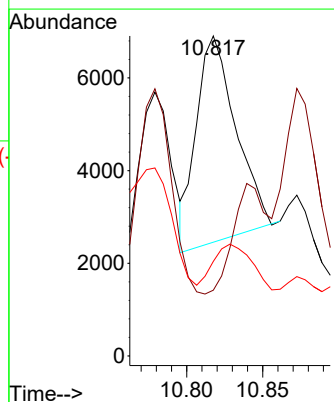
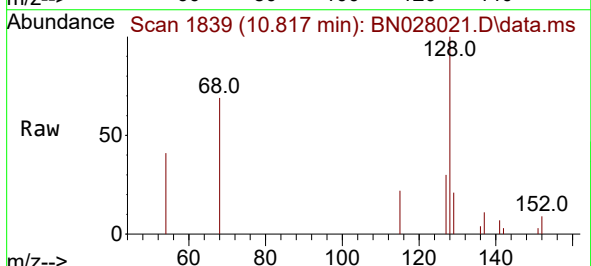
Instrument :
BNA_N
ClientSampleId :
BBJ07RE

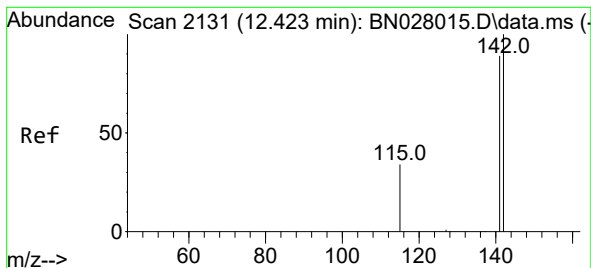
Tgt Ion: 88 Resp: 983
Ion Ratio Lower Upper
88 100
43 478.3 33.4 50.2#
58 95.7 45.7 68.5#



#5
Naphthalene
Concen: 0.187 ng/ul
RT: 10.817 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BN028021.D
Acq: 03 Oct 2023 22:12

Tgt Ion: 128 Resp: 8135
Ion Ratio Lower Upper
128 100
129 20.6 9.4 14.0#
127 29.5 11.0 16.4#

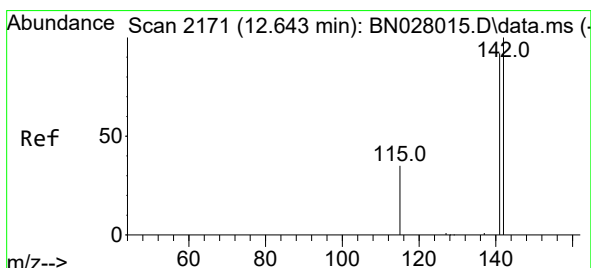
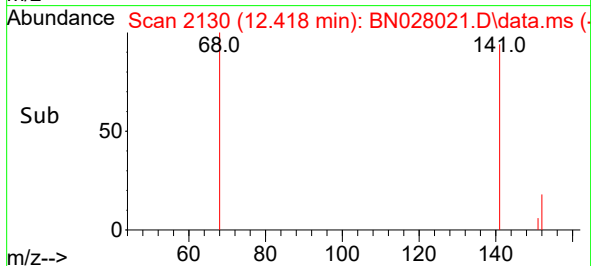
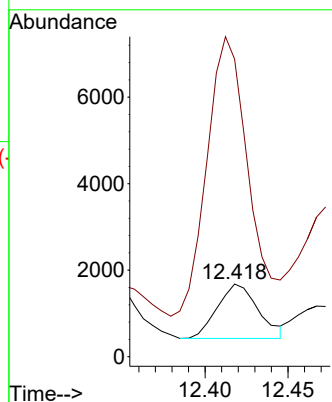
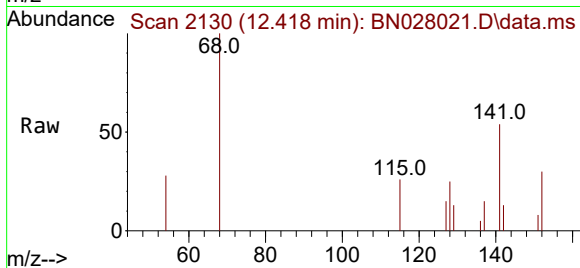




#7
2-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.418 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BN028021.D
Acq: 03 Oct 2023 22:12

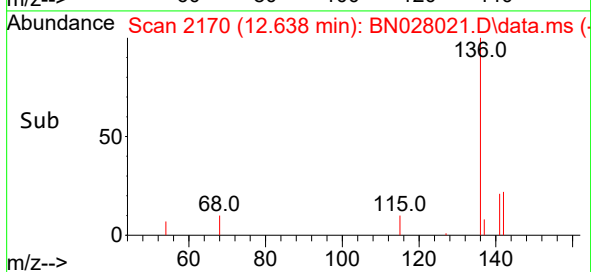
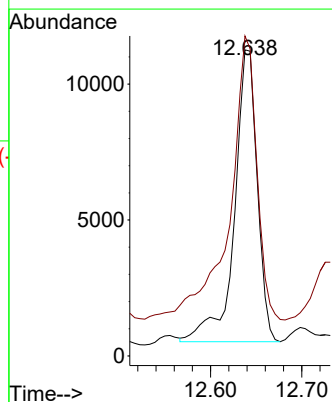
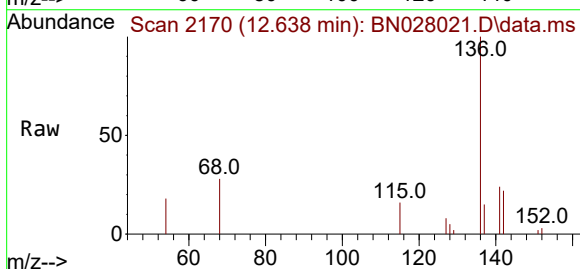
Instrument :
BNA_N
ClientSampleId :
BBJ07RE

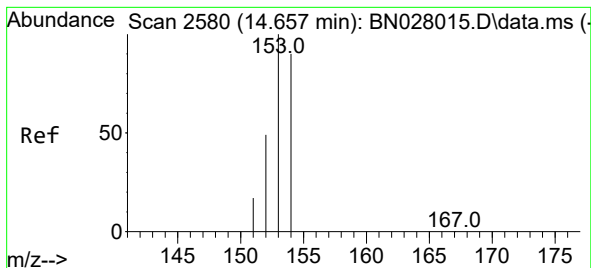
Tgt Ion:142 Resp: 2161
Ion Ratio Lower Upper
142 100
141 520.5 70.9 106.3#



#8
1-Methylnaphthalene
Concen: 0.657 ng/ul
RT: 12.638 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BN028021.D
Acq: 03 Oct 2023 22:12

Tgt Ion:142 Resp: 18634
Ion Ratio Lower Upper
142 100
141 114.8 74.4 111.6#





#11

Acenaphthene

Concen: 0.026 ng/ul

RT: 14.657 min Scan# 2580

Delta R.T. -0.000 min

Lab File: BN028021.D

Acq: 03 Oct 2023 22:12

Instrument :

BNA_N

ClientSampleId :

BBJ07RE

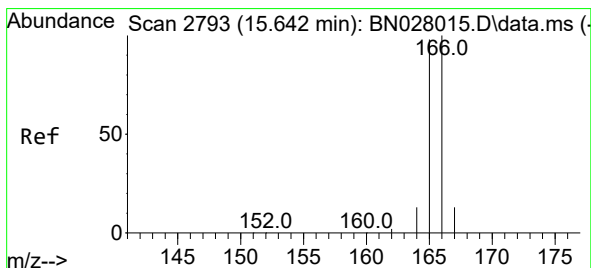
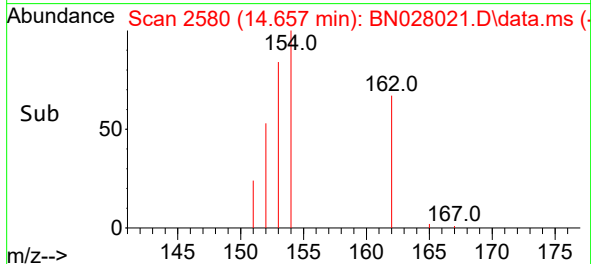
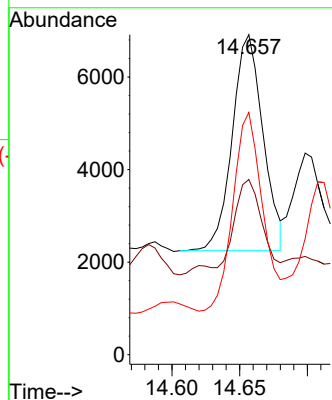
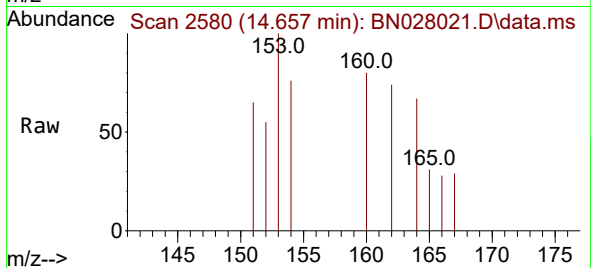
Tgt Ion:153 Resp: 7375

Ion Ratio Lower Upper

153 100

152 54.8 39.4 59.0

154 75.7 70.2 105.4



#12

Fluorene

Concen: 0.040 ng/ul

RT: 15.642 min Scan# 2793

Delta R.T. -0.000 min

Lab File: BN028021.D

Acq: 03 Oct 2023 22:12

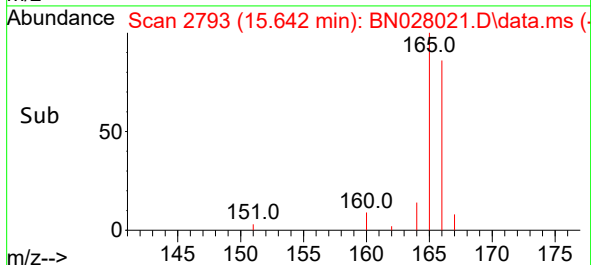
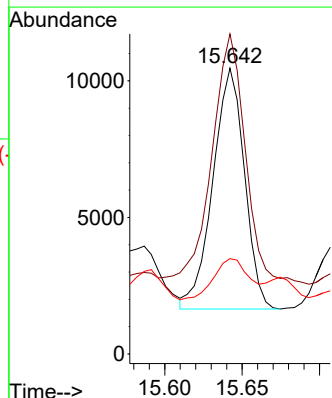
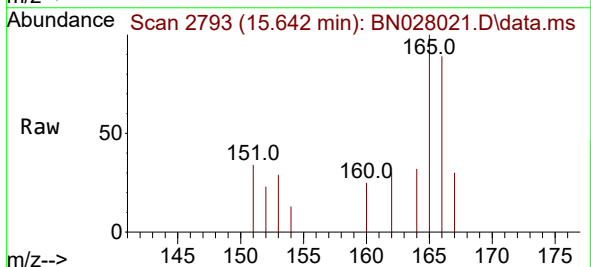
Tgt Ion:166 Resp: 12511

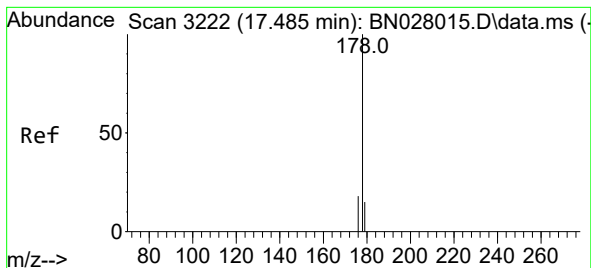
Ion Ratio Lower Upper

166 100

165 112.0 78.5 117.7

167 33.4 11.2 16.8#





#16

Anthracene

Concen: 0.085 ng/ul

RT: 17.527 min Scan# 31

Delta R.T. 0.046 min

Lab File: BN028021.D

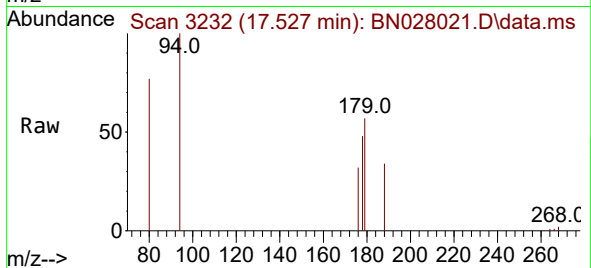
Acq: 03 Oct 2023 22:12

Instrument :

BNA_N

ClientSampleId :

BBJ07RE



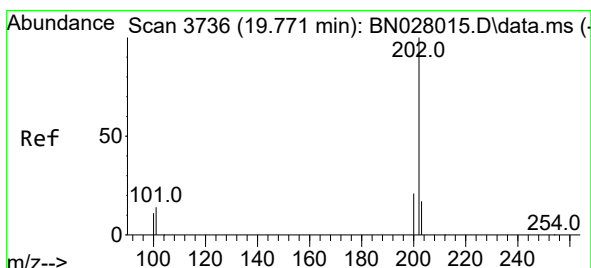
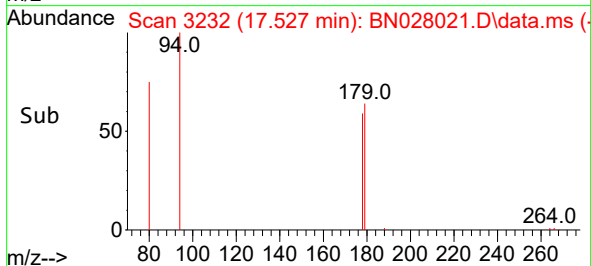
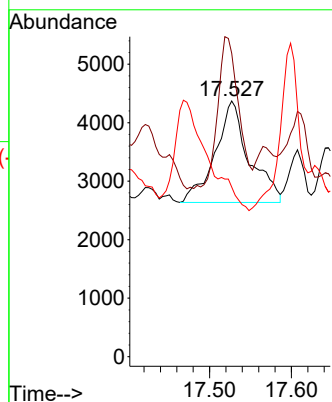
Tgt Ion:178 Resp: 4993

Ion Ratio Lower Upper

178 100

179 118.7 12.8 19.2#

176 66.3 15.0 22.6#



#20

Pyrene

Concen: 0.021 ng/ul

RT: 19.771 min Scan# 3736

Delta R.T. -0.000 min

Lab File: BN028021.D

Acq: 03 Oct 2023 22:12

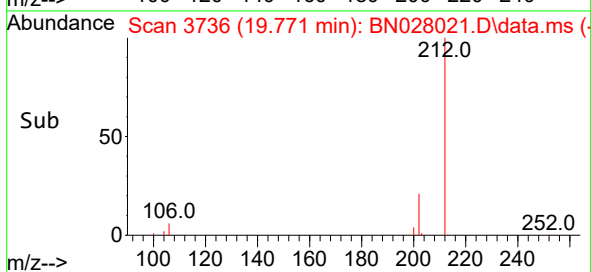
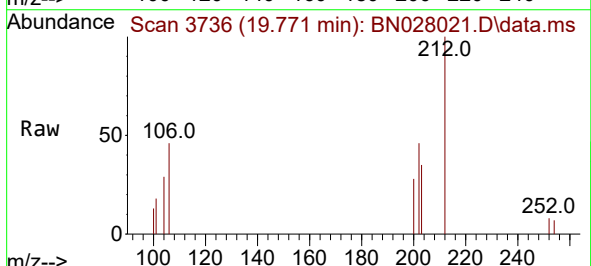
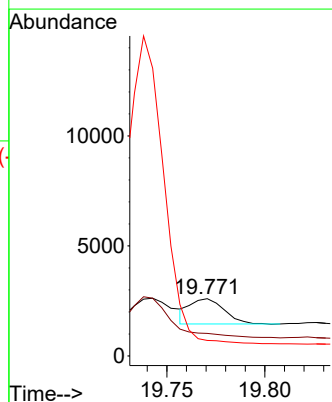
Tgt Ion:202 Resp: 1398

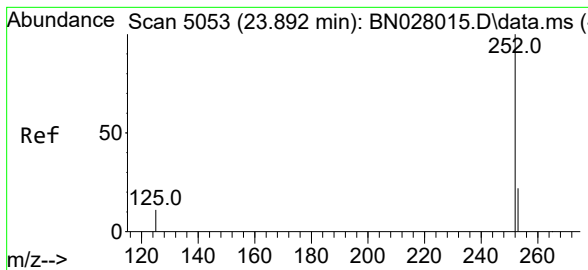
Ion Ratio Lower Upper

202 100

101 39.6 11.2 16.8#

100 27.3 9.1 13.7#





#26

Benzo(a)pyrene

Concen: 0.064 ng/ul

RT: 23.836 min Scan# 50

Delta R.T. -0.058 min

Lab File: BN028021.D

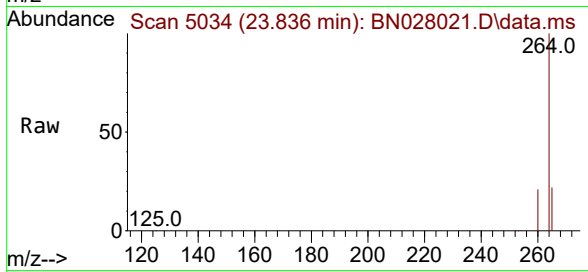
Acq: 03 Oct 2023 22:12

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:252 Resp: 3062

Ion Ratio Lower Upper

252 100

253 74.2 23.4 35.2#

125 62.4 15.3 22.9#

