

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027939.D
 Acq On : 28 Sep 2023 23:07
 Operator : MA/JU
 Sample : 04497-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBJR3

Quant Time: Sep 29 04:00:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

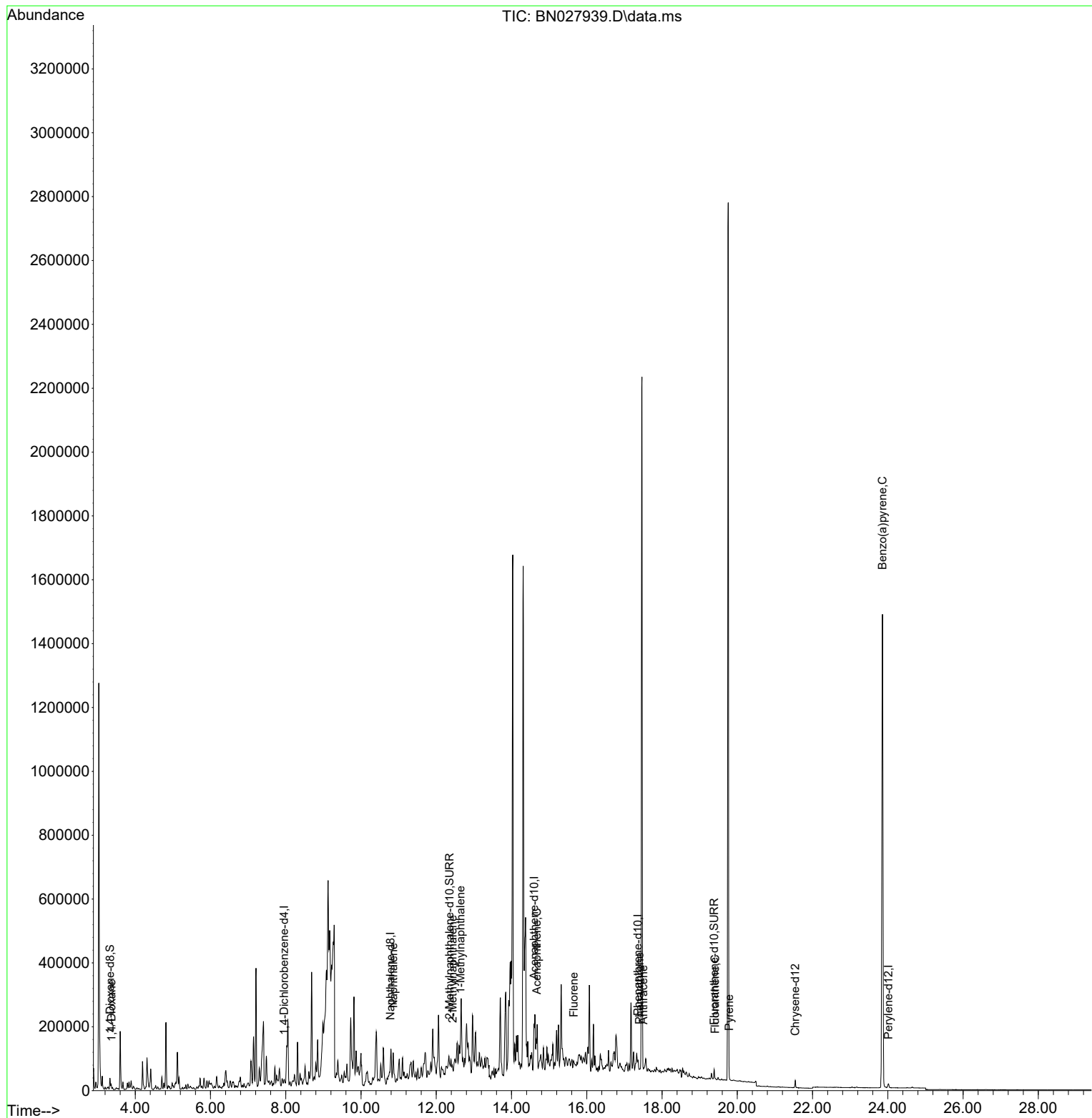
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	4235	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.779	136	16198	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.601	164	59239	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.358	188	28530	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.539	240	20290	0.400	ng/ul	# 0.00
23) Perylene-d12	24.015	264	18294	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	22236	4.168	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	14818	0.604	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	35777	0.577	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.368	88	1299	0.234	ng/ul#	1
5) Naphthalene	10.856	128	24293	0.525	ng/ul#	1
7) 2-Methylnaphthalene	12.434	142	2393	0.081	ng/ul#	28
8) 1-Methylnaphthalene	12.643	142	6412	0.212	ng/ul#	54
11) Acenaphthene	14.670	153	4965	0.022	ng/ul#	74
12) Fluorene	15.656	166	8846	0.034	ng/ul#	65
15) Phenanthrene	17.401	178	2279	0.025	ng/ul#	1
16) Anthracene	17.502	178	1518	0.020	ng/ul#	1
19) Fluoranthene	19.408	202	3992	0.049	ng/ul#	15
20) Pyrene	19.785	202	4624	0.055	ng/ul#	51
26) Benzo(a)pyrene	23.857	252	7259	0.111	ng/ul#	34

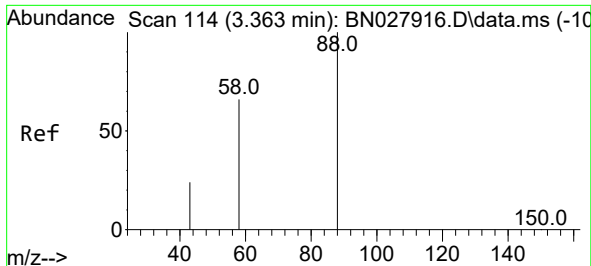
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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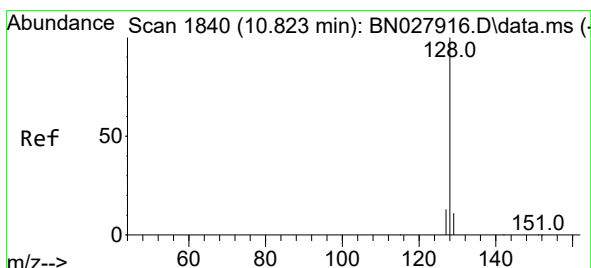
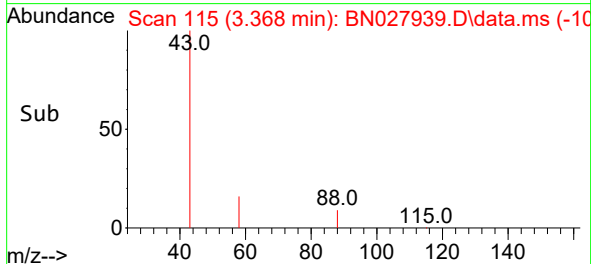
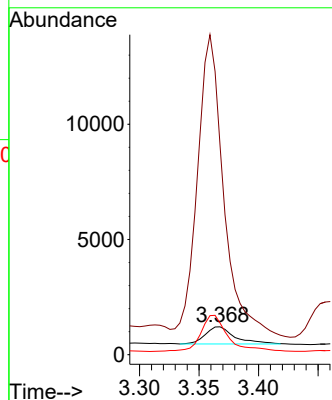
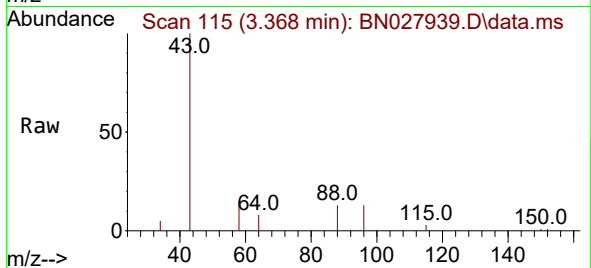




#2
1,4-Dioxane
Concen: 0.234 ng/ul
RT: 3.368 min Scan# 114
Delta R.T. -0.000 min
Lab File: BN027939.D
Acq: 28 Sep 2023 23:07

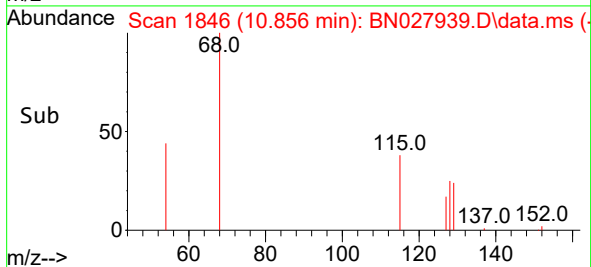
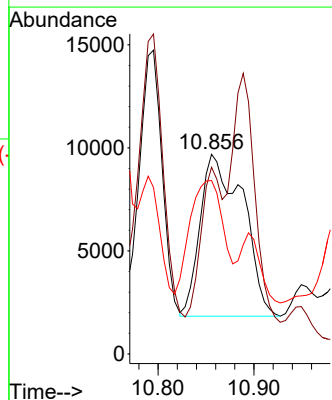
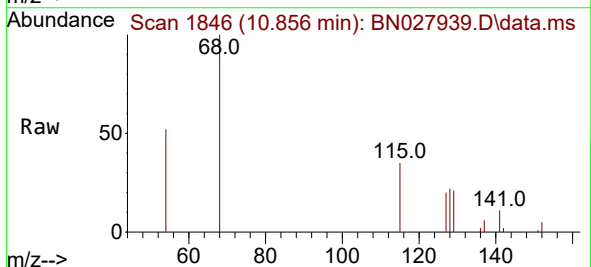
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BNA_N
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BBJR3

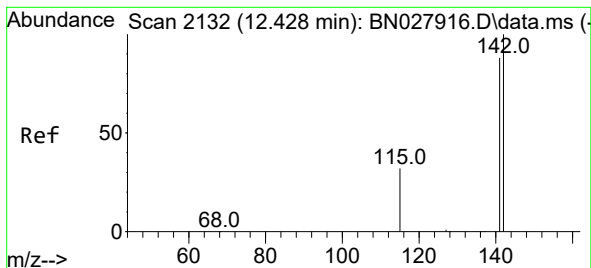
Tgt Ion: 88 Resp: 1299
Ion Ratio Lower Upper
88 100
43 752.0 39.6 59.4#
58 114.0 48.3 72.5#



#5
Naphthalene
Concen: 0.525 ng/ul
RT: 10.856 min Scan# 1846
Delta R.T. 0.022 min
Lab File: BN027939.D
Acq: 28 Sep 2023 23:07

Tgt Ion:128 Resp: 24293
Ion Ratio Lower Upper
128 100
129 93.5 9.3 13.9#
127 86.9 10.7 16.1#





#7

2-Methylnaphthalene

Concen: 0.081 ng/ul

RT: 12.434 min Scan# 2133

Delta R.T. 0.000 min

Lab File: BN027939.D

Acq: 28 Sep 2023 23:07

Instrument :

BNA_N

ClientSampleId :

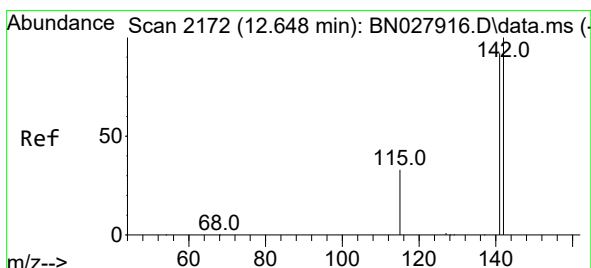
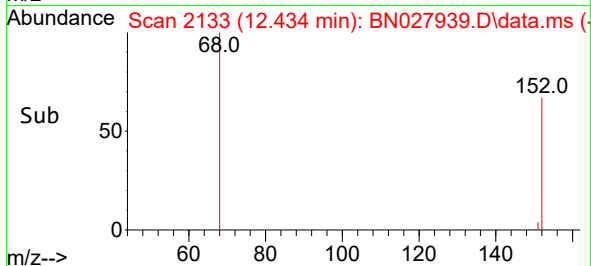
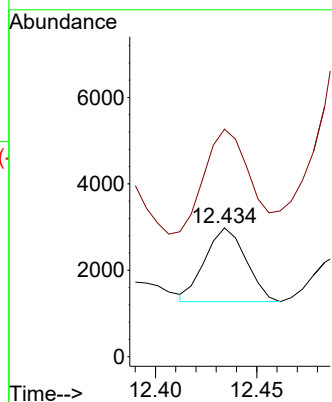
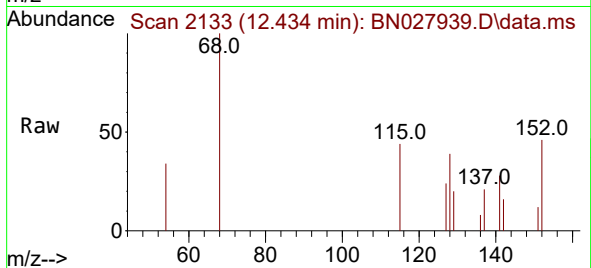
BBJR3

Tgt Ion:142 Resp: 2393

Ion Ratio Lower Upper

142 100

141 156.0 71.1 106.7#



#8

1-Methylnaphthalene

Concen: 0.212 ng/ul

RT: 12.643 min Scan# 2171

Delta R.T. -0.011 min

Lab File: BN027939.D

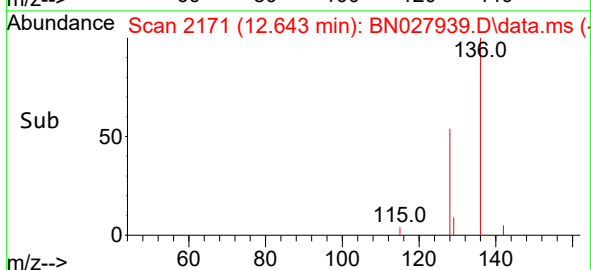
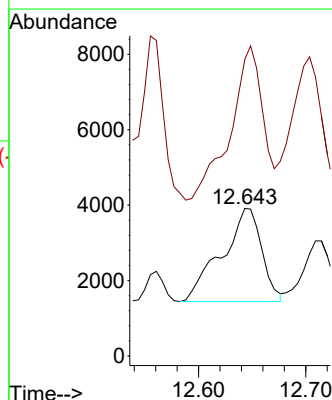
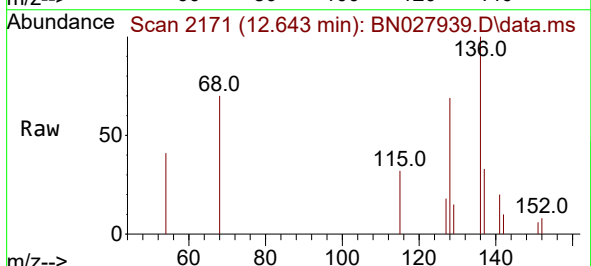
Acq: 28 Sep 2023 23:07

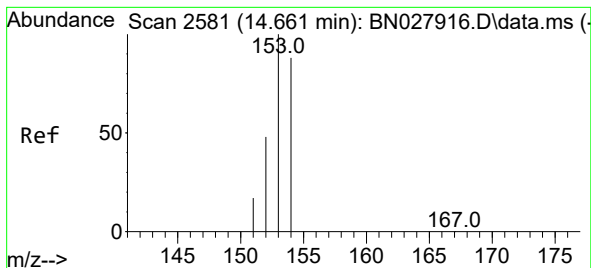
Tgt Ion:142 Resp: 6412

Ion Ratio Lower Upper

142 100

141 134.4 72.8 109.2#





#11

Acenaphthene

Concen: 0.022 ng/ul

RT: 14.670 min Scan# 2581

Delta R.T. 0.005 min

Lab File: BN027939.D

Acq: 28 Sep 2023 23:07

Instrument :

BNA_N

ClientSampleId :

BBJR3

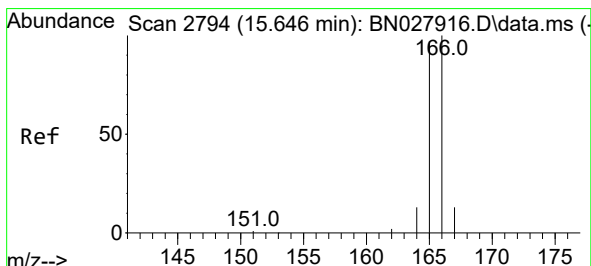
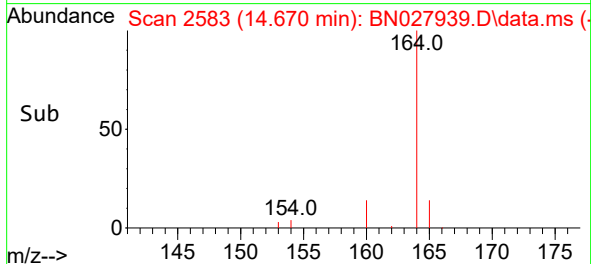
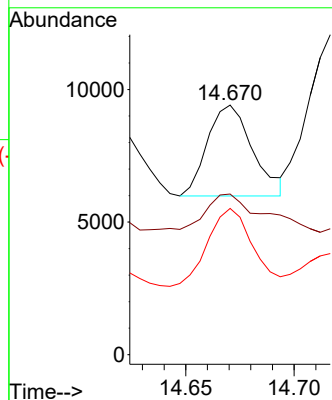
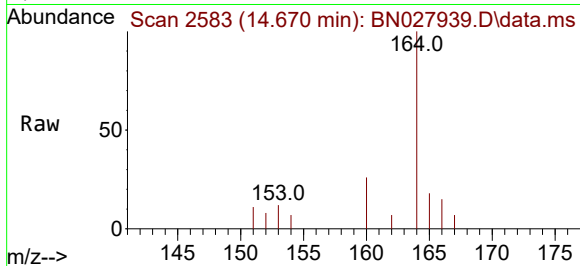
Tgt Ion:153 Resp: 4965

Ion Ratio Lower Upper

153 100

152 64.3 41.7 62.5#

154 58.6 70.3 105.5#



#12

Fluorene

Concen: 0.034 ng/ul

RT: 15.656 min Scan# 2796

Delta R.T. 0.005 min

Lab File: BN027939.D

Acq: 28 Sep 2023 23:07

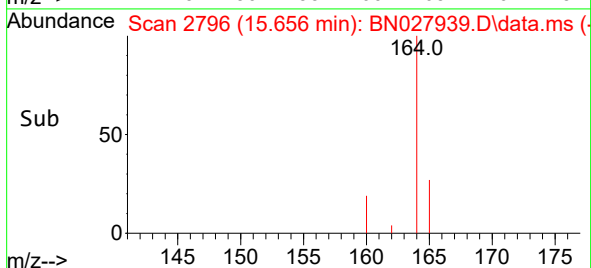
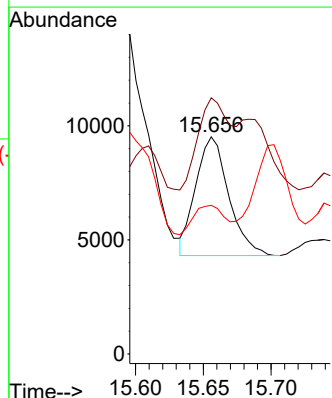
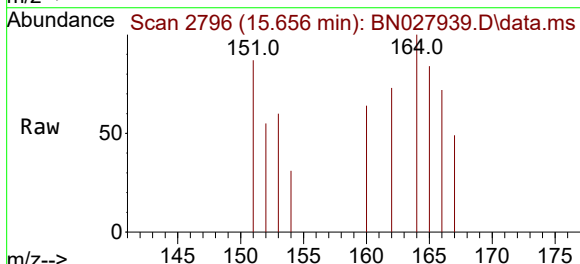
Tgt Ion:166 Resp: 8846

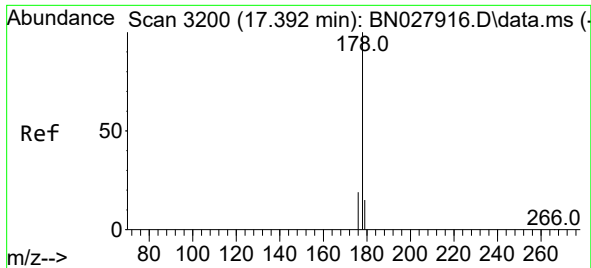
Ion Ratio Lower Upper

166 100

165 118.0 78.0 117.0#

167 68.4 11.4 17.2#

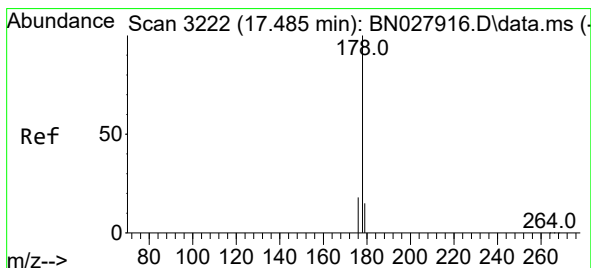
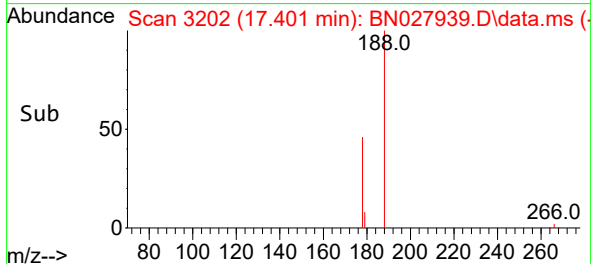
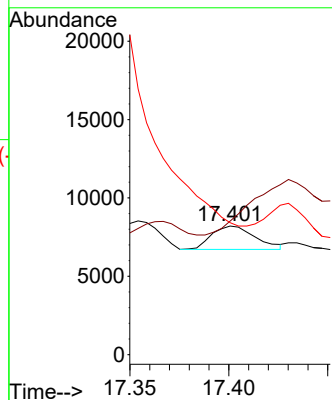
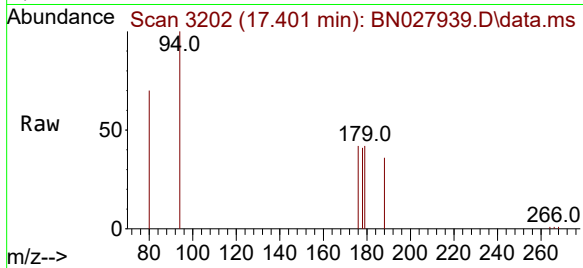




#15
Phenanthrene
Concen: 0.025 ng/ul
RT: 17.401 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN027939.D
Acq: 28 Sep 2023 23:07

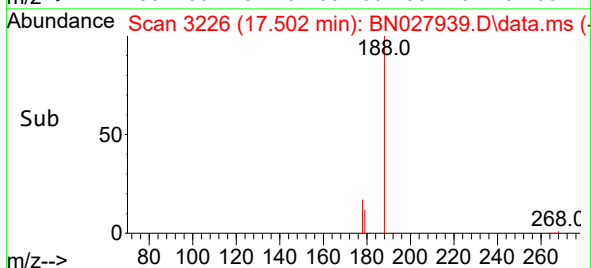
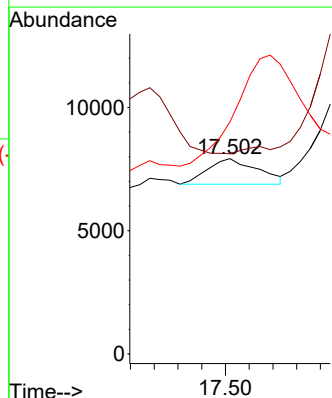
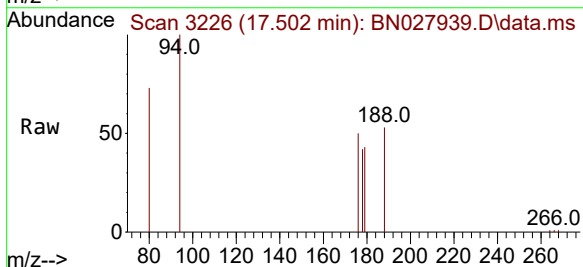
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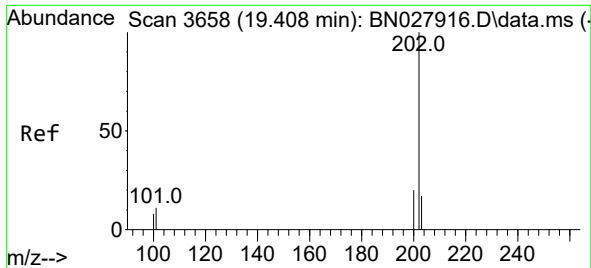
Tgt Ion:178 Resp: 2279
Ion Ratio Lower Upper
178 100
179 103.8 12.4 18.6#
176 102.6 16.0 24.0#



#16
Anthracene
Concen: 0.020 ng/ul
RT: 17.502 min Scan# 3226
Delta R.T. 0.013 min
Lab File: BN027939.D
Acq: 28 Sep 2023 23:07

Tgt Ion:178 Resp: 1518
Ion Ratio Lower Upper
178 100
179 102.5 12.6 19.0#
176 118.8 15.5 23.3#

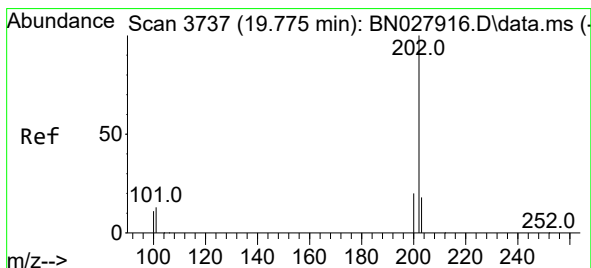
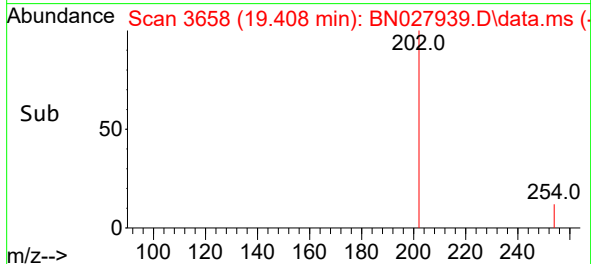
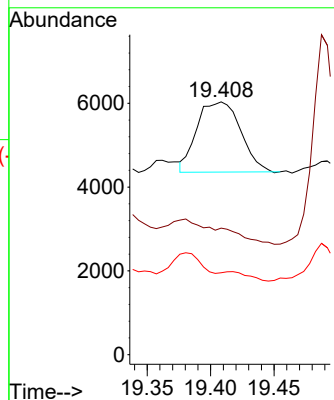
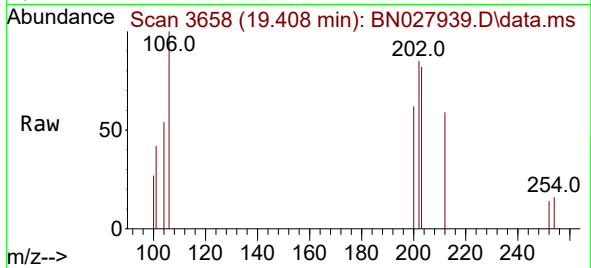




#19
Fluoranthene
Concen: 0.049 ng/ul
RT: 19.408 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN027939.D
Acq: 28 Sep 2023 23:07

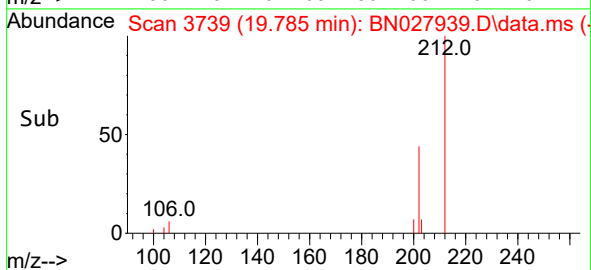
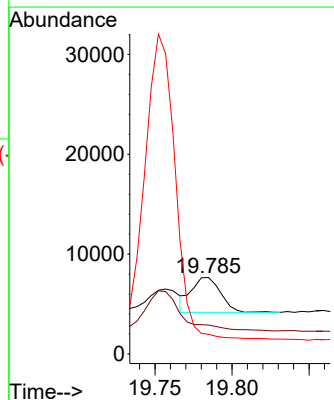
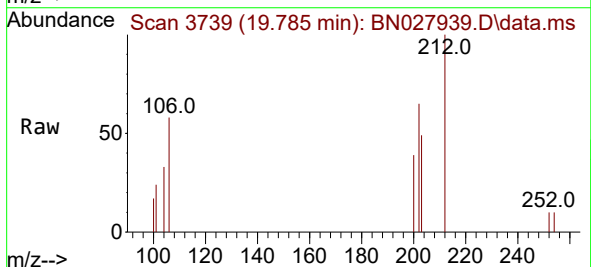
Instrument :
BNA_N
ClientSampleId :
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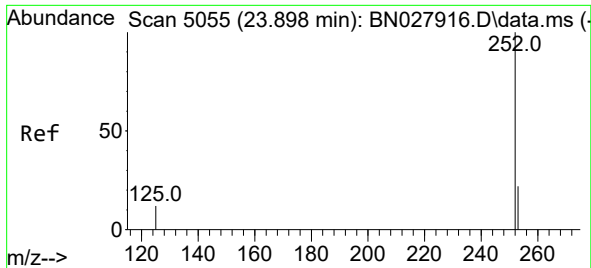
Tgt Ion:202 Resp: 3992
Ion Ratio Lower Upper
202 100
101 50.1 9.3 13.9#
100 32.4 7.0 10.4#



#20
Pyrene
Concen: 0.055 ng/ul
RT: 19.785 min Scan# 3739
Delta R.T. 0.009 min
Lab File: BN027939.D
Acq: 28 Sep 2023 23:07

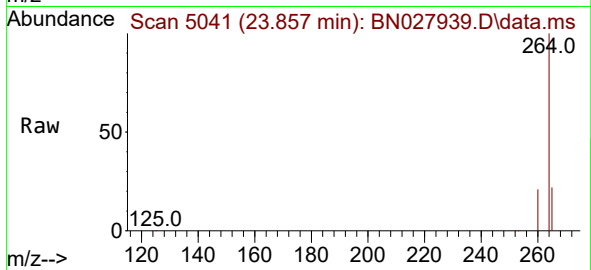
Tgt Ion:202 Resp: 4624
Ion Ratio Lower Upper
202 100
101 37.9 11.4 17.0#
100 25.7 9.1 13.7#





#26
Benzo(a)pyrene
Concen: 0.111 ng/ul
RT: 23.857 min Scan# 50
Delta R.T. -0.038 min
Lab File: BN027939.D
Acq: 28 Sep 2023 23:07

Instrument :
BNA_N
ClientSampleId :
BBJR3



Tgt Ion:252 Resp: 7259
Ion Ratio Lower Upper
252 100
253 57.6 21.9 32.9#
125 54.2 15.5 23.3#

