

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
 Data File : BN025035.D
 Acq On : 20 Apr 2023 15:02
 Operator : CG/JU
 Sample : 02296-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 21 04:19:58 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 04:13:07 2023
 Response via : Initial Calibration

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

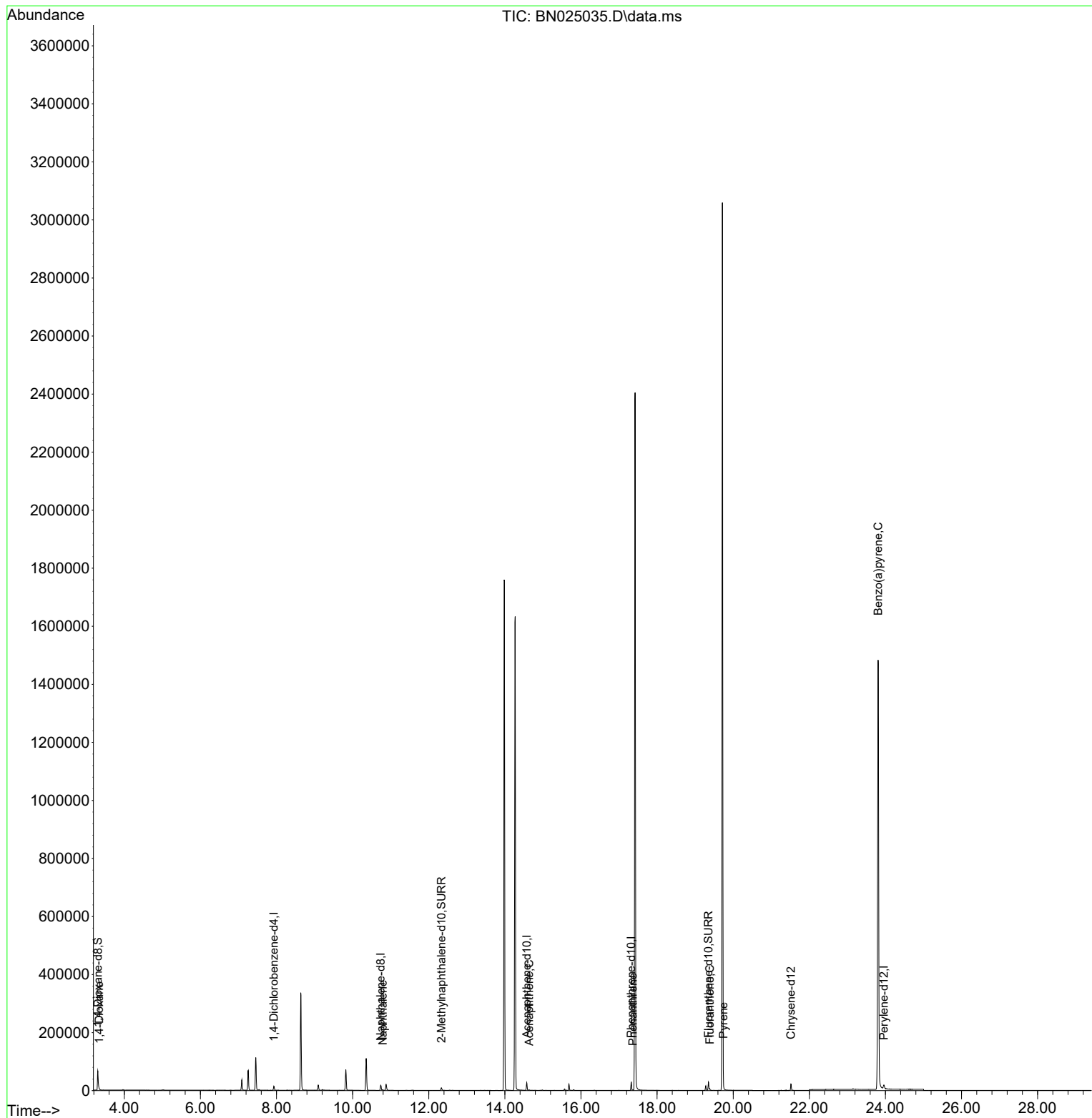
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	7265	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	23420	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	14119	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	30542	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	21795	0.400	ng/ul	0.00
23) Perylene-d12	23.958	264	20540	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	41267	5.486	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	12507	0.416	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	30177	0.525	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	169	0.021	ng/ul#	36
5) Naphthalene	10.792	128	3062	0.051	ng/ul#	94
11) Acenaphthene	14.640	153	987	0.022	ng/ul	96
15) Phenanthrene	17.364	178	1842	0.021	ng/ul#	87
19) Fluoranthene	19.382	202	4869	0.062	ng/ul	96
20) Pyrene	19.744	202	3850	0.048	ng/ul#	88
26) Benzo(a)pyrene	23.809	252	7889	0.114	ng/ul#	65

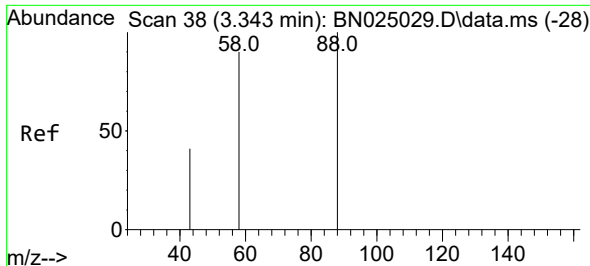
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.021 ng/ul

RT: 3.339 min Scan# 31

Delta R.T. -0.004 min

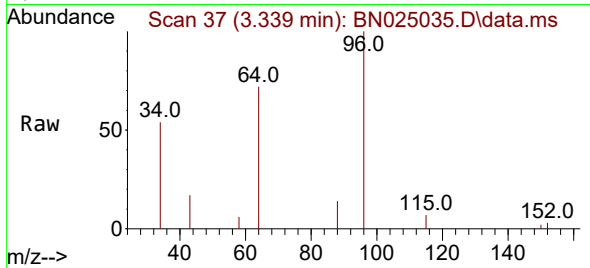
Lab File: BN025035.D

Acq: 20 Apr 2023 15:02

Instrument :

BNA_N

ClientSampleId :



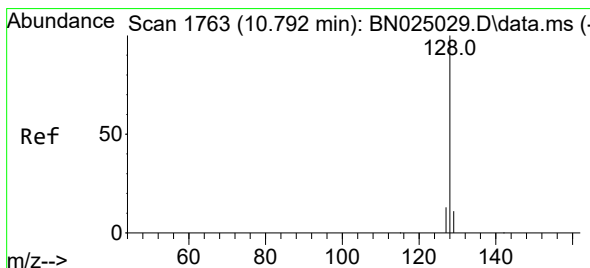
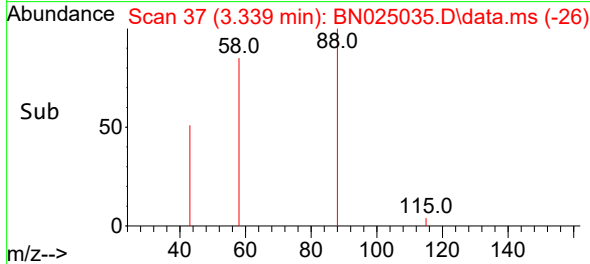
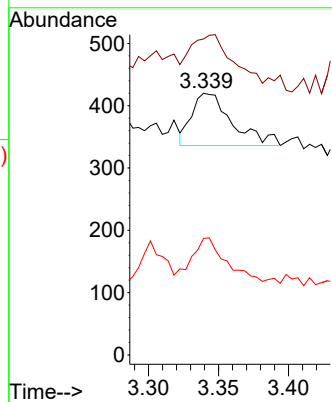
Tgt Ion: 88 Resp: 169

Ion Ratio Lower Upper

88 100

43 120.7 37.0 55.4#

58 44.5 56.9 85.3#



#5

Naphthalene

Concen: 0.051 ng/ul

RT: 10.792 min Scan# 1763

Delta R.T. 0.000 min

Lab File: BN025035.D

Acq: 20 Apr 2023 15:02

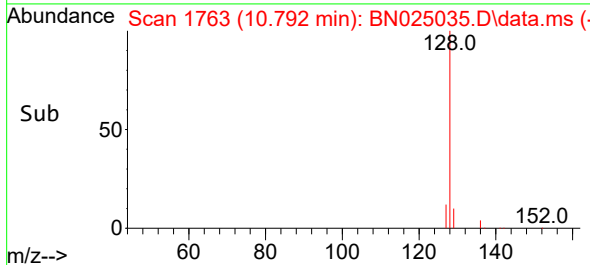
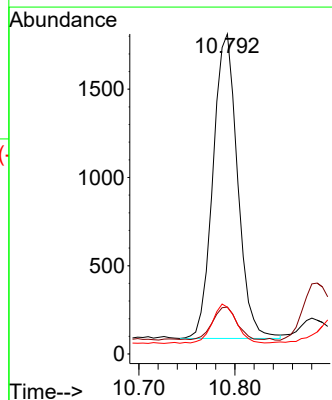
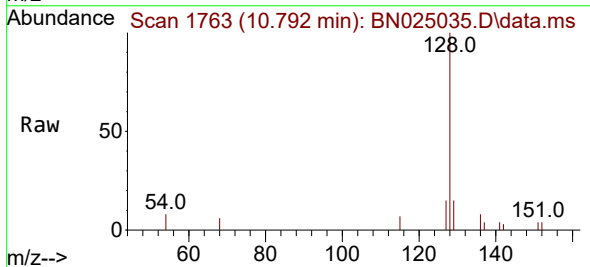
Tgt Ion: 128 Resp: 3062

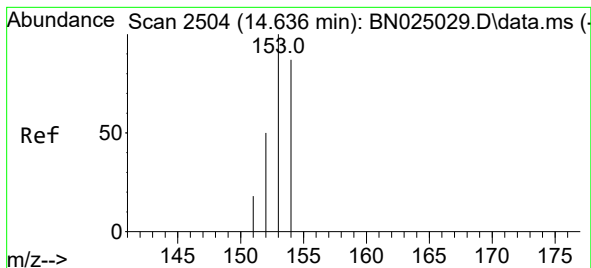
Ion Ratio Lower Upper

128 100

129 14.7 9.0 13.6#

127 14.6 10.7 16.1





#11

Acenaphthene

Concen: 0.022 ng/ul

RT: 14.640 min Scan# 2505

Delta R.T. 0.004 min

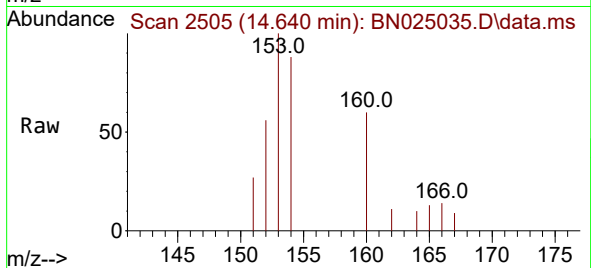
Lab File: BN025035.D

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Instrument :

BNA_N

ClientSampleId :



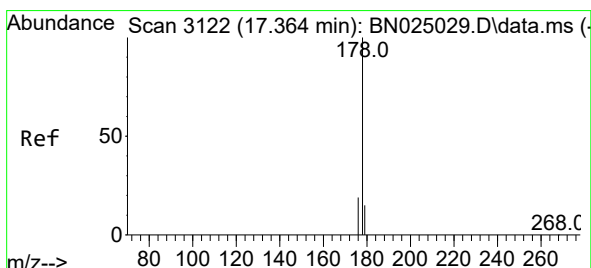
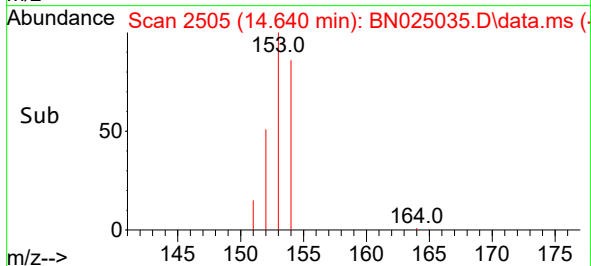
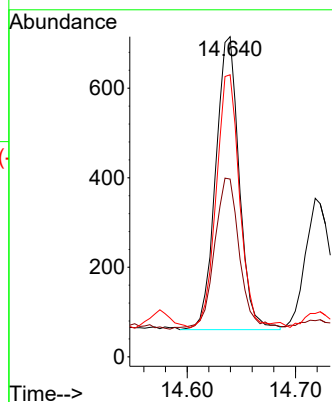
Tgt Ion:153 Resp: 987

Ion Ratio Lower Upper

153 100

152 55.5 40.2 60.4

154 88.1 69.4 104.2



#15

Phenanthrene

Concen: 0.021 ng/ul

RT: 17.364 min Scan# 3122

Delta R.T. -0.001 min

Lab File: BN025035.D

Acq: 20 Apr 2023 15:02

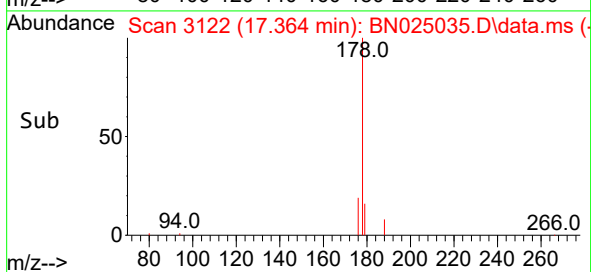
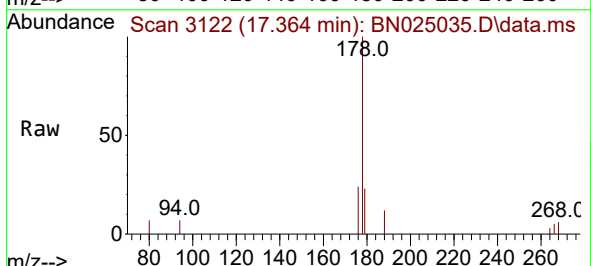
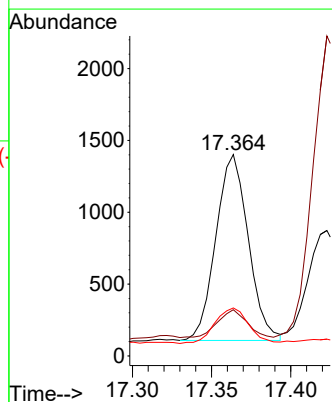
Tgt Ion:178 Resp: 1842

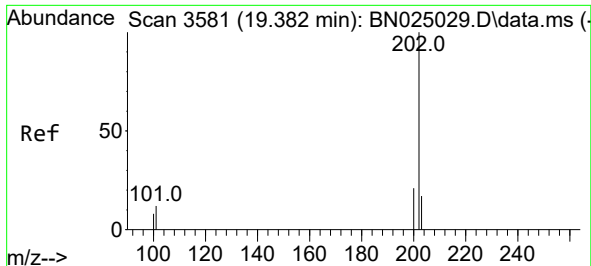
Ion Ratio Lower Upper

178 100

179 23.0 12.5 18.7#

176 23.8 15.6 23.4#

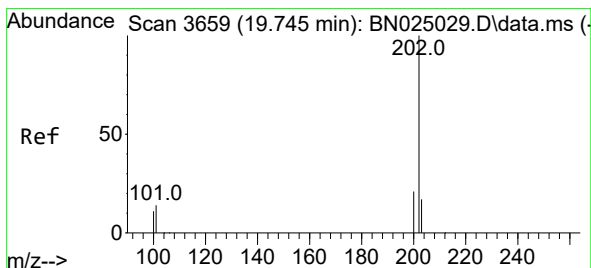
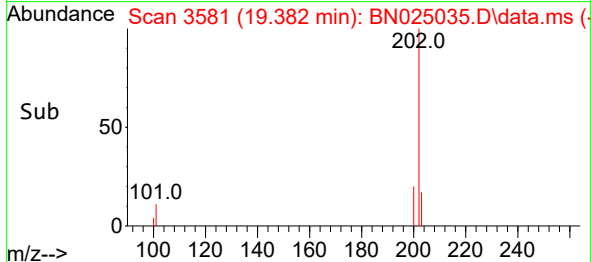
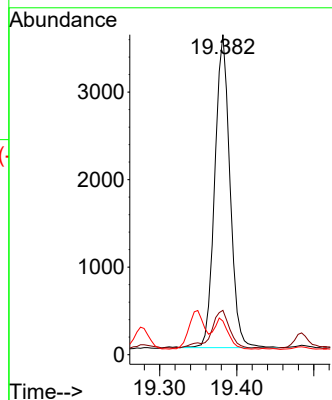
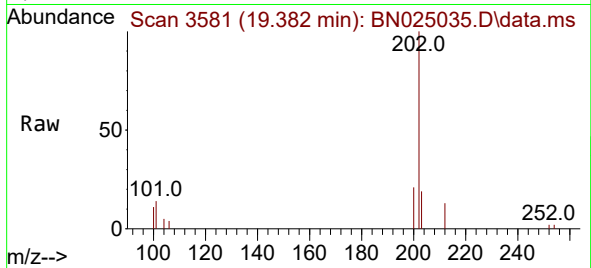




#19
Fluoranthene
Concen: 0.062 ng/ul
RT: 19.382 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BN025035.D
Acq: 20 Apr 2023 15:02

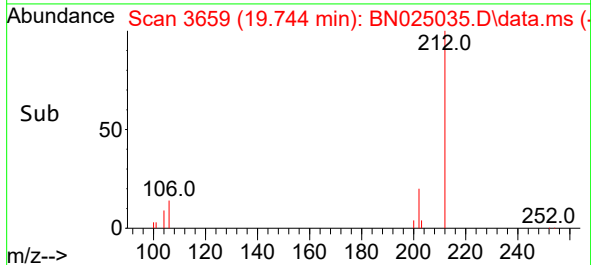
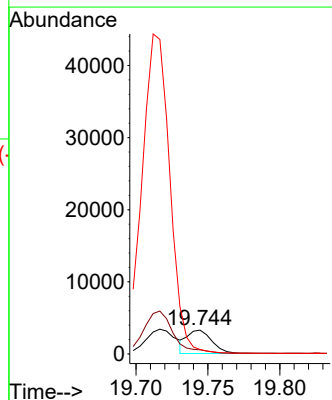
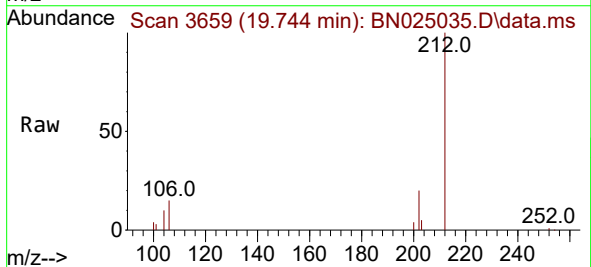
Instrument :
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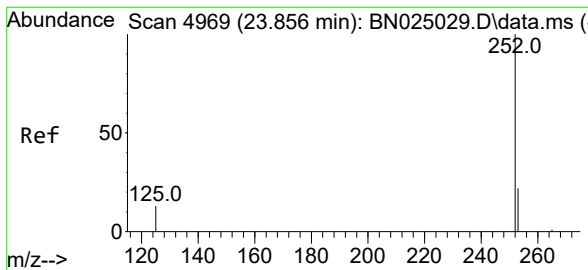
Tgt Ion:202 Resp: 4869
Ion Ratio Lower Upper
202 100
101 13.9 9.7 14.5
100 10.5 7.3 10.9



#20
Pyrene
Concen: 0.048 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN025035.D
Acq: 20 Apr 2023 15:02

Tgt Ion:202 Resp: 3850
Ion Ratio Lower Upper
202 100
101 17.2 11.3 16.9#
100 18.6 9.2 13.8#





#26

Benzo(a)pyrene

Concen: 0.114 ng/ul

RT: 23.809 min Scan# 49

Delta R.T. -0.047 min

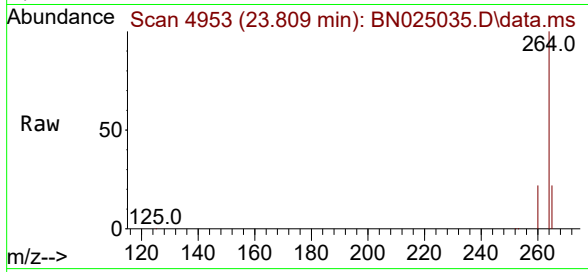
Lab File: BN025035.D

Acq: 20 Apr 2023 15:02

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:252 Resp: 7889

Ion Ratio Lower Upper

252 100

253 42.9 21.4 32.2#

125 36.5 14.6 22.0#

