

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011725\
 Data File : BN035979.D
 Acq On : 18 Jan 2025 08:27
 Operator : RC/JU
 Sample : Q1086-20
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE5

Quant Time: Jan 19 23:53:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN123124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 10:40:45 2025
 Response via : Initial Calibration

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

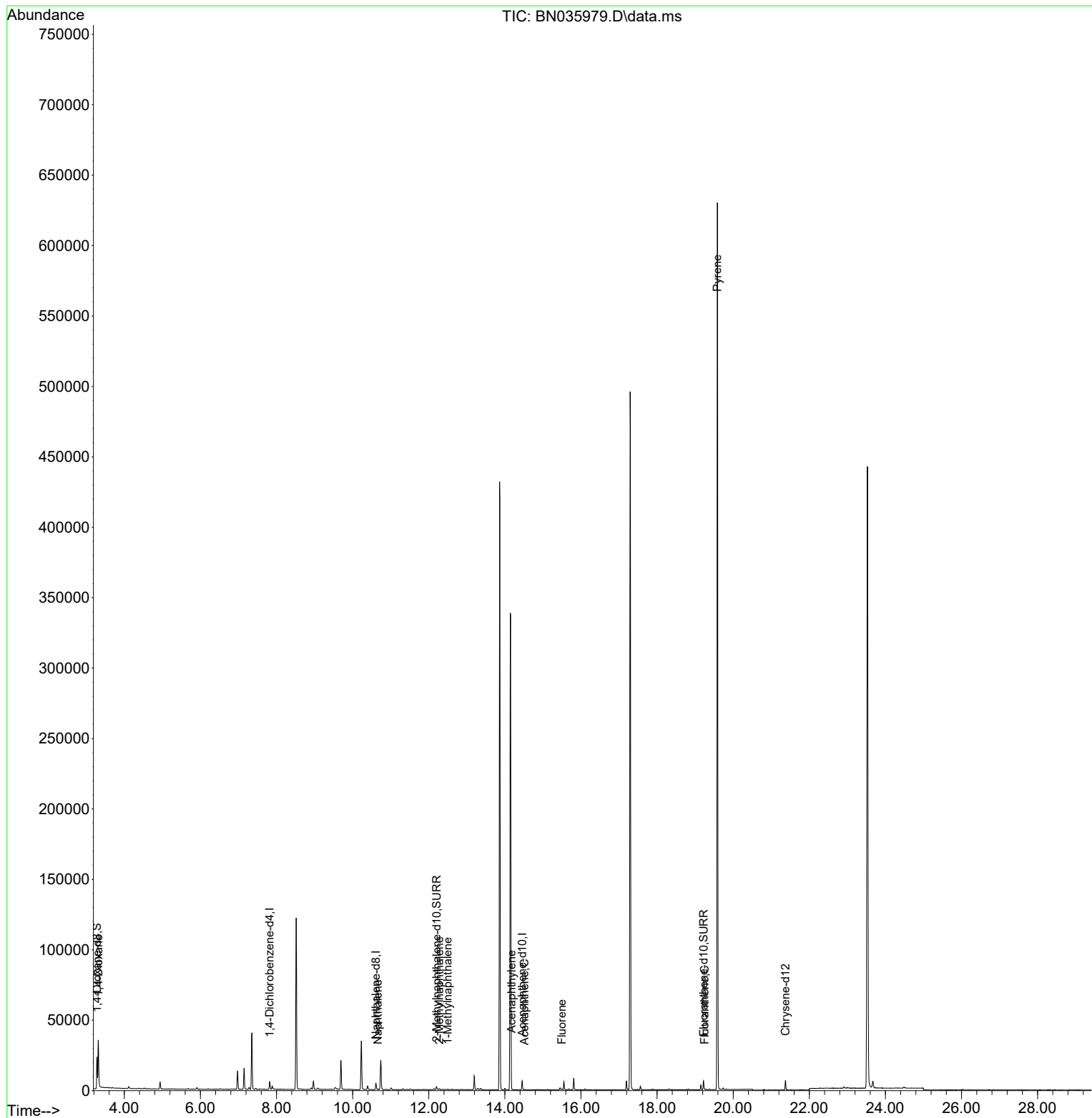
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	2553	0.400	ng/ul	0.00
4) Naphthalene-d8	10.611	136	5643	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.454	164	3346	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-17.20
17) Chrysene-d12	21.372	240	5994	0.400	ng/ul	0.00
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.68
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	13602	5.284	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.205	152	2567	0.350	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	6648	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.318	88	22600	8.063	ng/ul#	80
5) Naphthalene	10.660	128	596	0.040	ng/ul#	75
7) 2-Methylnaphthalene	12.277	142	380	0.040	ng/ul	98
8) 1-Methylnaphthalene	12.497	142	270	0.028	ng/ul	99
10) Acenaphthylene	14.172	152	340	0.022	ng/ul#	60
11) Acenaphthene	14.515	153	227	0.021	ng/ul#	87
12) Fluorene	15.500	166	467	0.040	ng/ul#	80
19) Fluoranthene	19.248	202	449	0.022	ng/ul#	37
20) Pyrene	19.582	202	1107	0.051	ng/ul#	1

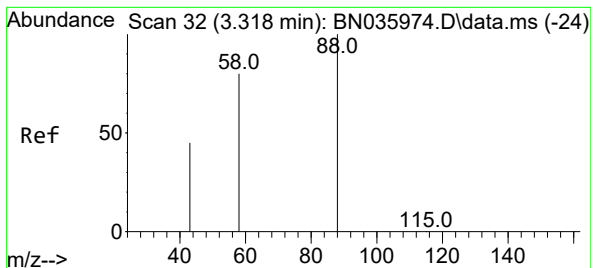
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 8.063 ng/ul

RT: 3.318 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN035979.D

Acq: 18 Jan 2025 08:27

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C0AE5

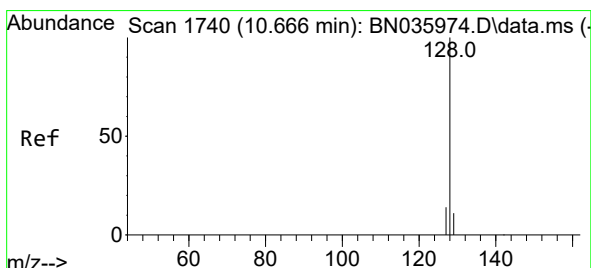
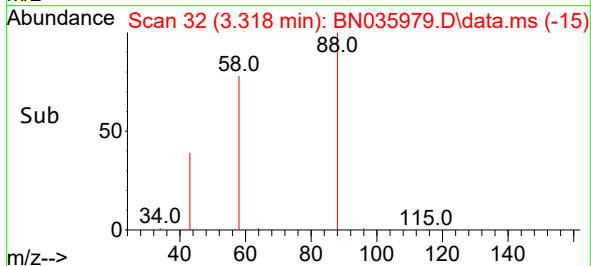
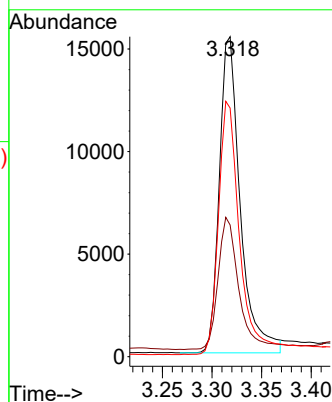
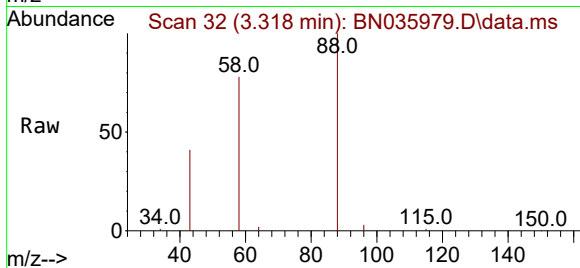
Tgt Ion: 88 Resp: 22600

Ion Ratio Lower Upper

88 100

43 41.2 57.8 86.8#

58 77.7 60.0 90.0



#5

Naphthalene

Concen: 0.040 ng/ul

RT: 10.660 min Scan# 1739

Delta R.T. -0.011 min

Lab File: BN035979.D

Acq: 18 Jan 2025 08:27

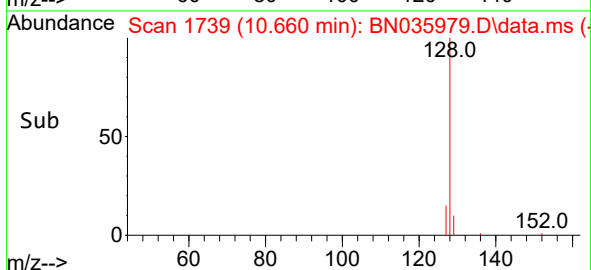
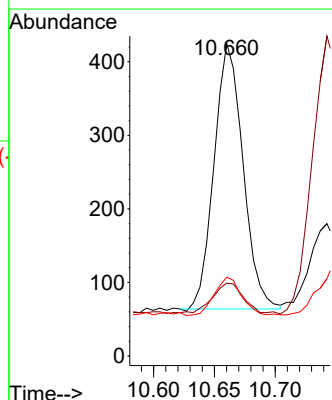
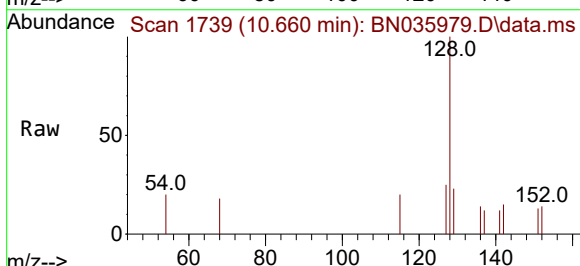
Tgt Ion:128 Resp: 596

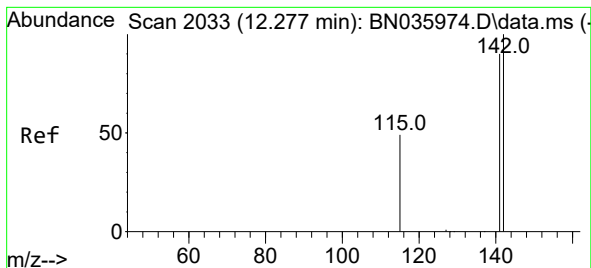
Ion Ratio Lower Upper

128 100

129 23.3 10.6 16.0#

127 25.2 12.0 18.0#

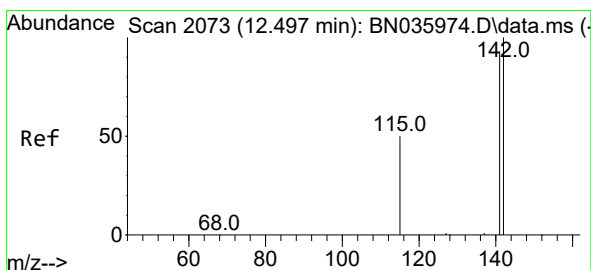
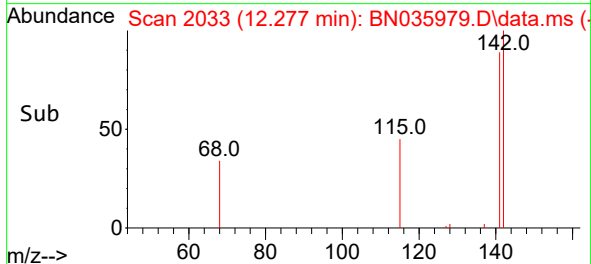
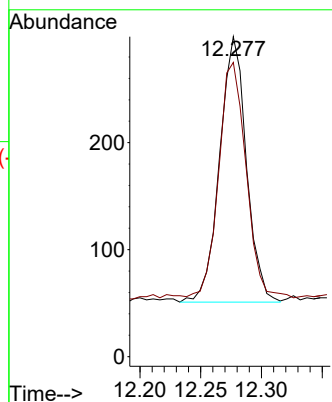
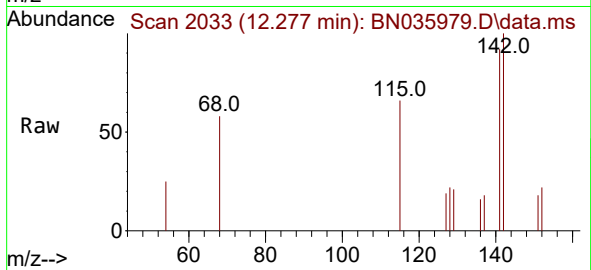




#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.277 min Scan# 2033
Delta R.T. -0.011 min
Lab File: BN035979.D
Acq: 18 Jan 2025 08:27

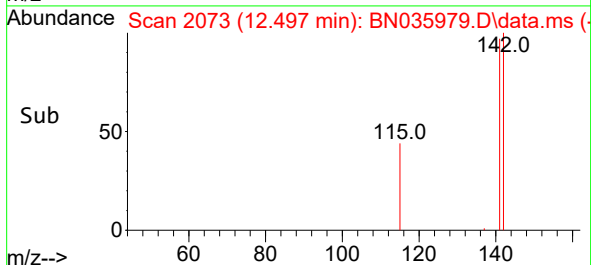
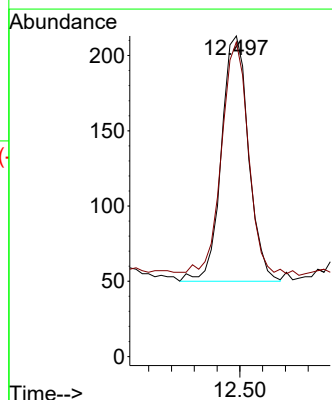
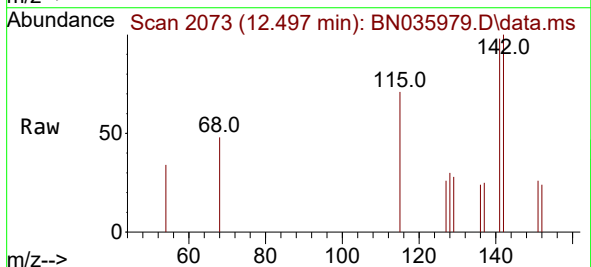
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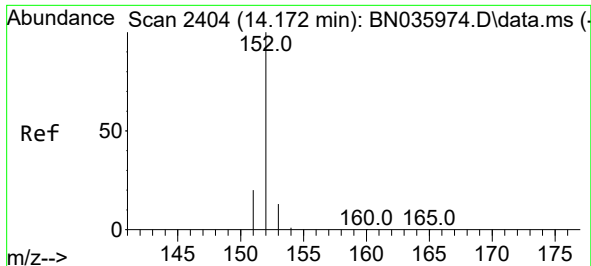
Tgt Ion:142 Resp: 380
Ion Ratio Lower Upper
142 100
141 88.9 72.6 109.0



#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.497 min Scan# 2073
Delta R.T. -0.011 min
Lab File: BN035979.D
Acq: 18 Jan 2025 08:27

Tgt Ion:142 Resp: 270
Ion Ratio Lower Upper
142 100
141 94.8 75.1 112.7

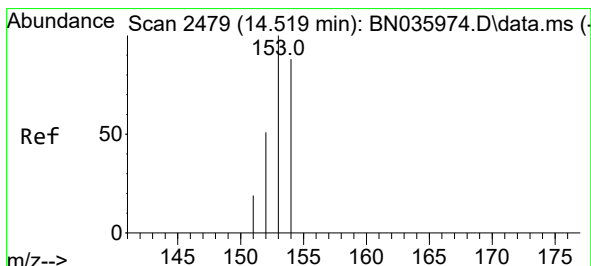
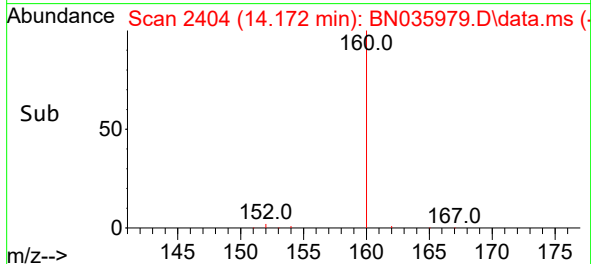
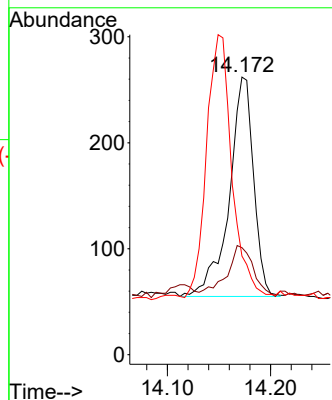
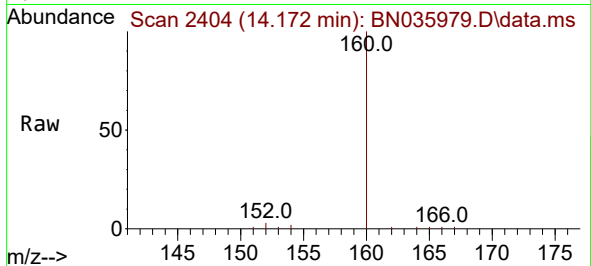




#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.172 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BN035979.D
Acq: 18 Jan 2025 08:27

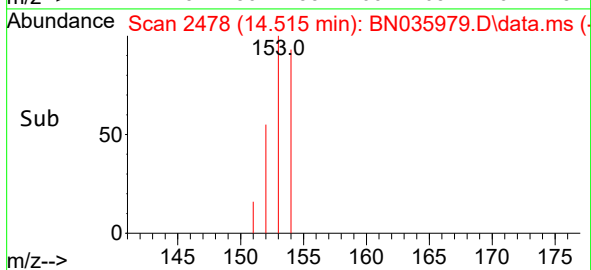
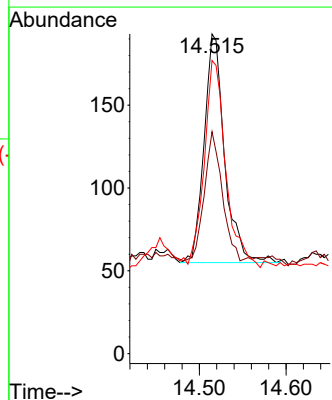
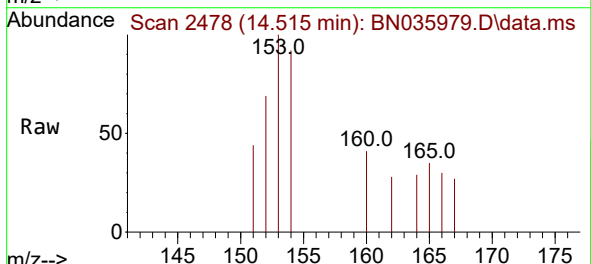
Instrument :
BNA_N
ClientSampleId :
C0AE5

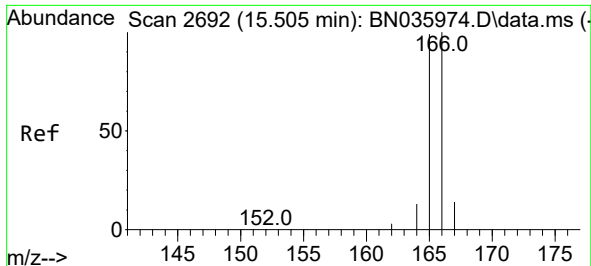
Tgt Ion:152 Resp: 340
Ion Ratio Lower Upper
152 100
151 38.5 17.8 26.6#
153 35.5 11.9 17.9#



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.515 min Scan# 2478
Delta R.T. -0.009 min
Lab File: BN035979.D
Acq: 18 Jan 2025 08:27

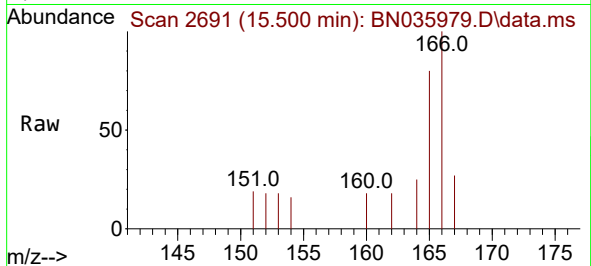
Tgt Ion:153 Resp: 227
Ion Ratio Lower Upper
153 100
152 69.4 40.6 60.8#
154 91.7 69.4 104.0



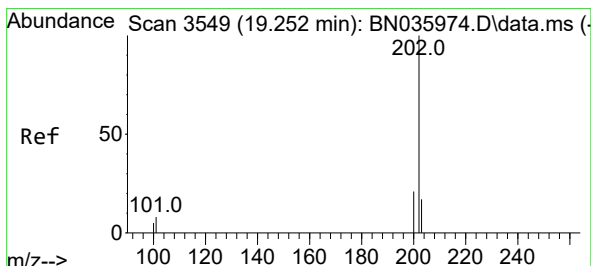
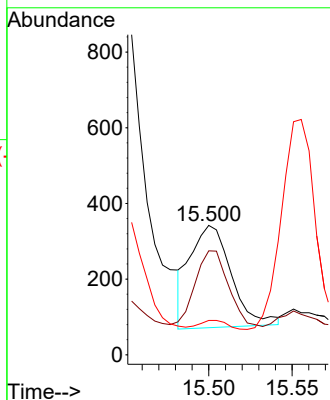
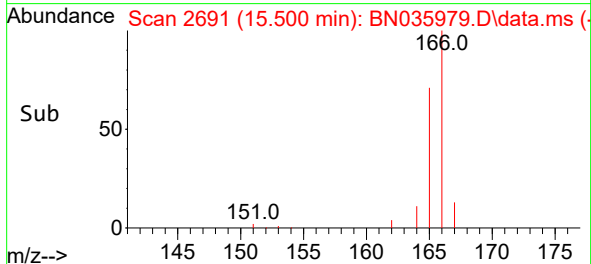


#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.500 min Scan# 2692
Delta R.T. -0.009 min
Lab File: BN035979.D
Acq: 18 Jan 2025 08:27

Instrument :
BNA_N
ClientSampleId :
C0AE5

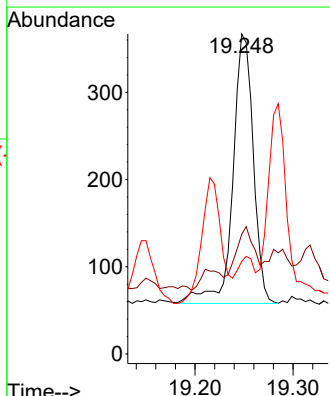
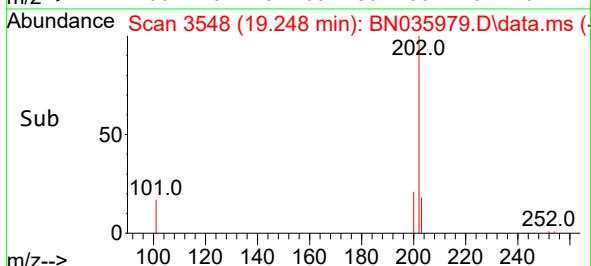
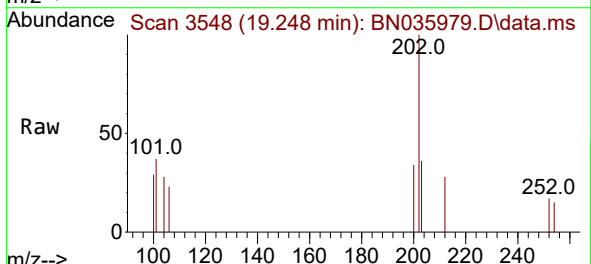


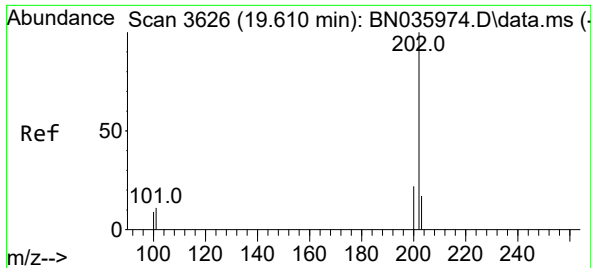
Tgt Ion:166 Resp: 467
Ion Ratio Lower Upper
166 100
165 80.4 79.0 118.6
167 26.6 12.2 18.4#



#19
Fluoranthene
Concen: 0.022 ng/ul
RT: 19.248 min Scan# 3548
Delta R.T. -0.009 min
Lab File: BN035979.D
Acq: 18 Jan 2025 08:27

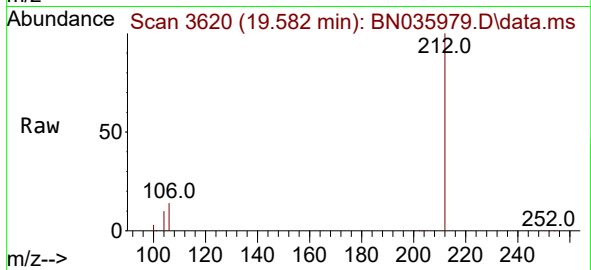
Tgt Ion:202 Resp: 449
Ion Ratio Lower Upper
202 100
101 37.3 8.7 13.1#
100 28.9 7.1 10.7#





#20
 Pyrene
 Concen: 0.051 ng/ul
 RT: 19.582 min Scan# 30
 Delta R.T. -0.037 min
 Lab File: BN035979.D
 Acq: 18 Jan 2025 08:27

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:202 Resp: 1107
 Ion Ratio Lower Upper
 202 100
 101 213.2 9.8 14.6#
 100 1626.9 8.2 12.2#

