

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024663.D
 Acq On : 31 Mar 2023 03:26
 Operator : CG/JU
 Sample : 02041-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB954

Quant Time: Mar 31 04:01:07 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 02:10:21 2023
 Response via : Initial Calibration

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

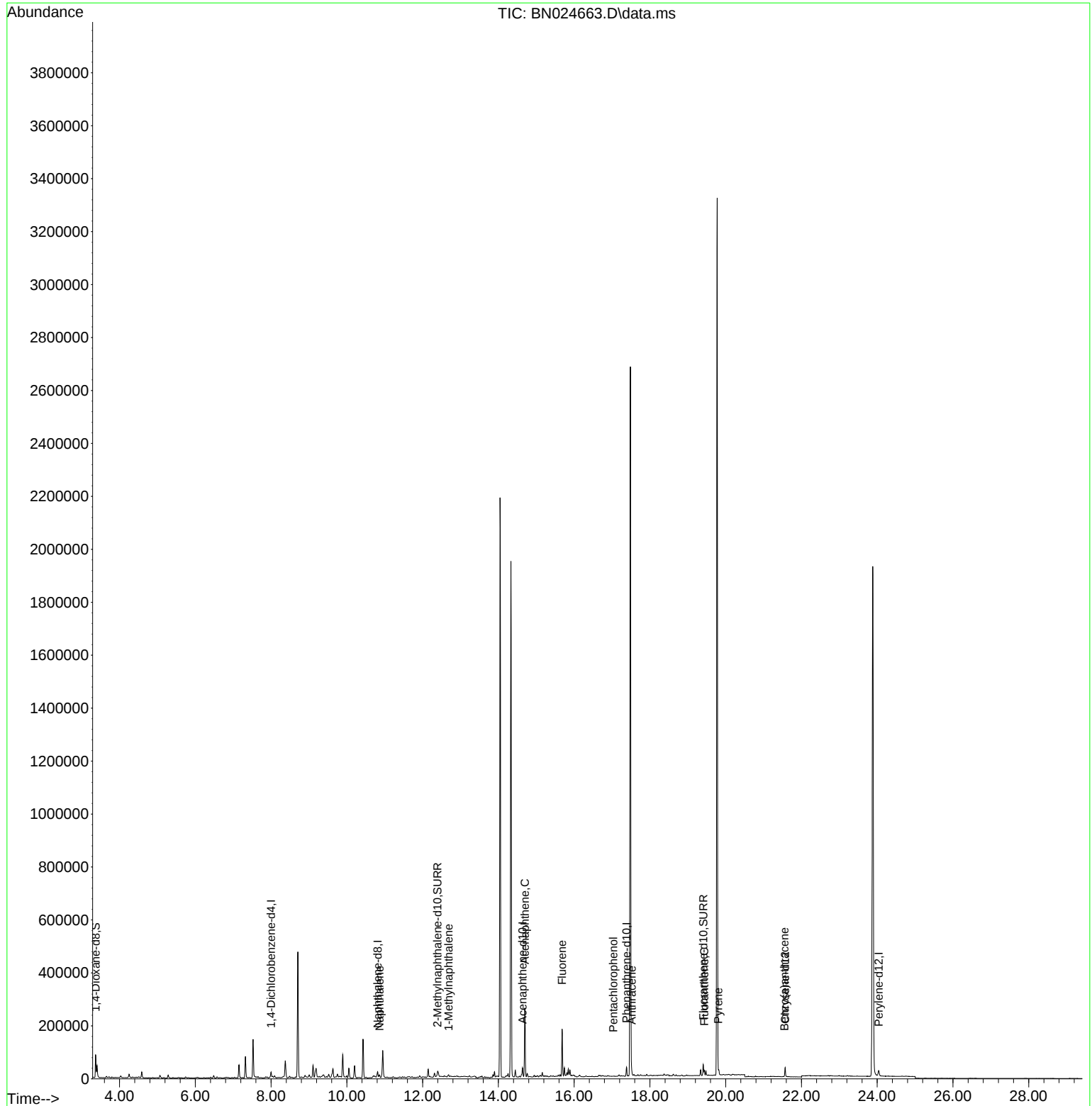
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	9175	0.400	ng/ul	0.00
4) Naphthalene-d8	10.811	136	28522	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.638	164	28183	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.383	188	38153	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.571	240	30828	0.400	ng/ul	# 0.00
23) Perylene-d12	24.038	264	30668	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.371	96	51160	5.432	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.395	152	17059	0.485	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	41180	0.546	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.861	128	9995	0.143	ng/ul#	70
8) 1-Methylnaphthalene	12.687	142	3302	0.072	ng/ul	88
11) Acenaphthene	14.698	153	148460	1.717	ng/ul	98
12) Fluorene	15.683	166	108770	1.102	ng/ul	99
14) Pentachlorophenol	17.033	266	166	0.020	ng/ul	98
16) Anthracene	17.518	178	21507	0.246	ng/ul#	82
19) Fluoranthene	19.436	202	16255	0.150	ng/ul#	72
20) Pyrene	19.803	202	8564	0.077	ng/ul#	53
21) Benzo(a)anthracene	21.553	228	2186	0.024	ng/ul#	17

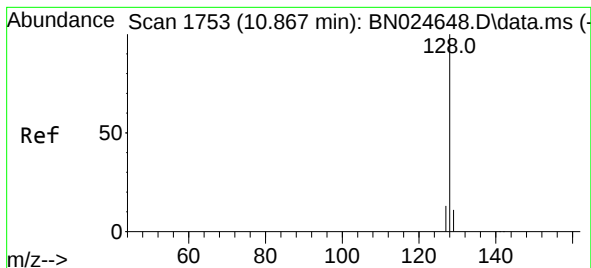
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.143 ng/ul

RT: 10.861 min Scan# 1752

Delta R.T. -0.006 min

Lab File: BN024663.D

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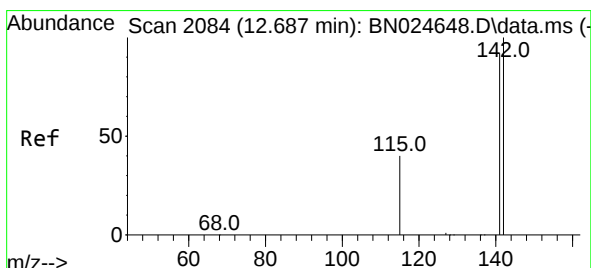
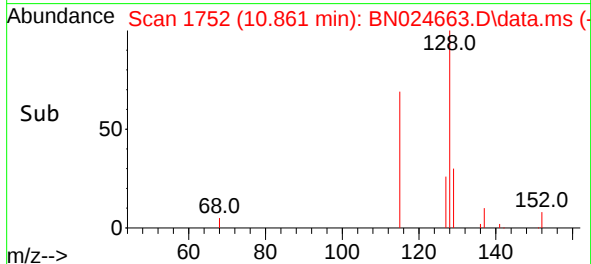
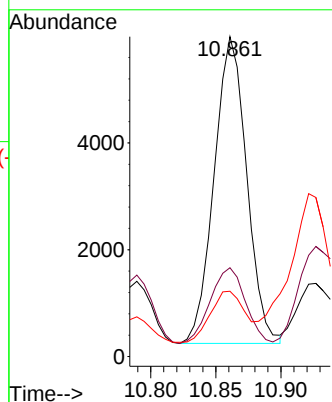
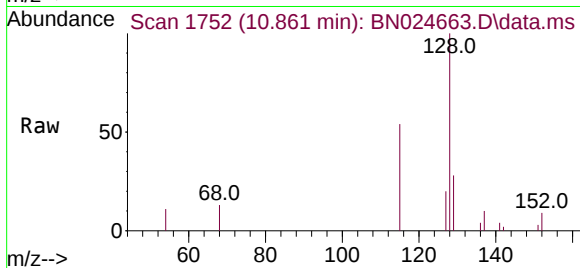
Tgt Ion:128 Resp: 9995

Ion Ratio Lower Upper

128 100

129 27.8 9.0 13.6#

127 20.4 10.5 15.7#



#8

1-Methylnaphthalene

Concen: 0.072 ng/ul

RT: 12.687 min Scan# 2084

Delta R.T. -0.000 min

Lab File: BN024663.D

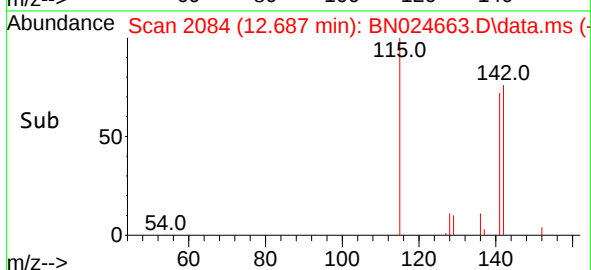
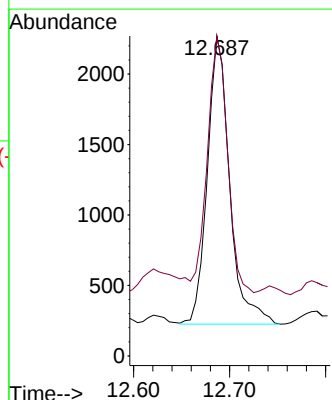
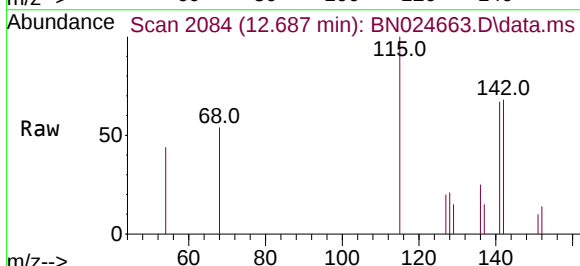
Acq: 31 Mar 2023 03:26

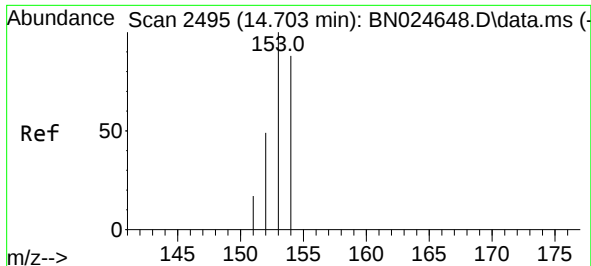
Tgt Ion:142 Resp: 3302

Ion Ratio Lower Upper

142 100

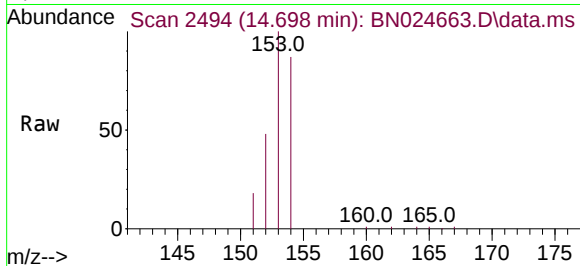
141 80.2 73.5 110.3



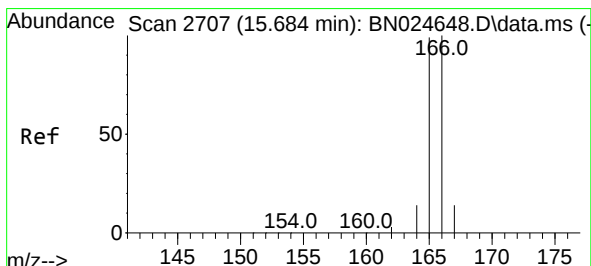
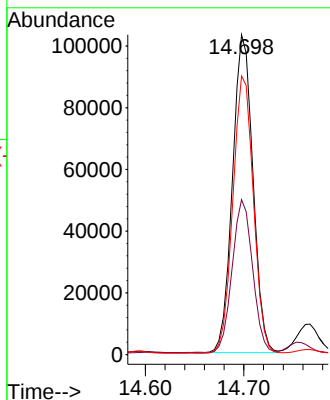
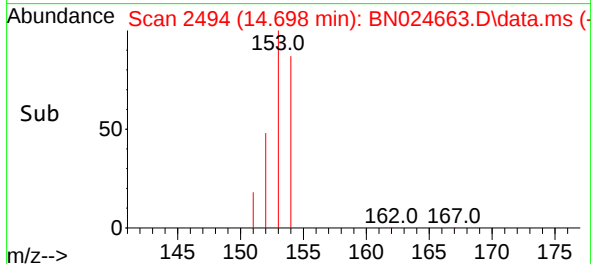


#11
Acenaphthene
Concen: 1.717 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. -0.005 min
Lab File: BN024663.D
Acq: 31 Mar 2023 03:26

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ClientSampleId :
CB954

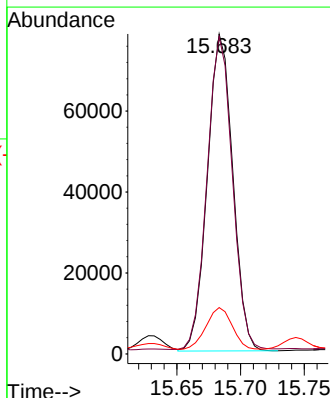
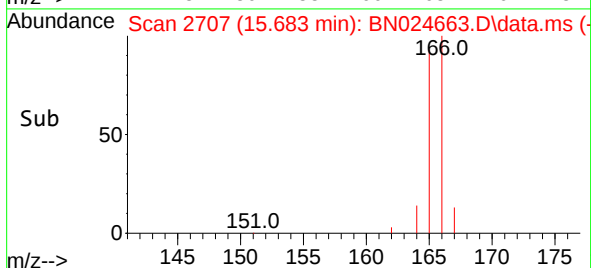
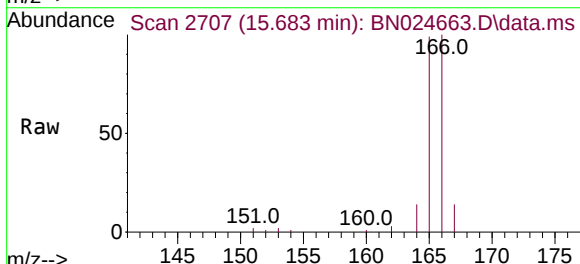


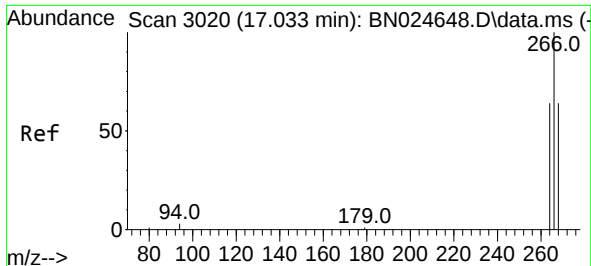
Tgt Ion:153 Resp: 148460
Ion Ratio Lower Upper
153 100
152 48.4 40.3 60.5
154 87.1 71.0 106.4



#12
Fluorene
Concen: 1.102 ng/ul
RT: 15.683 min Scan# 2707
Delta R.T. -0.001 min
Lab File: BN024663.D
Acq: 31 Mar 2023 03:26

Tgt Ion:166 Resp: 108770
Ion Ratio Lower Upper
166 100
165 99.2 80.0 120.0
167 14.5 10.8 16.2

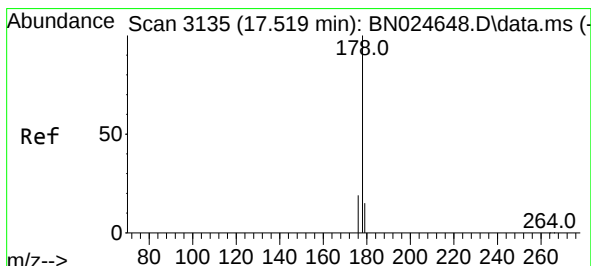
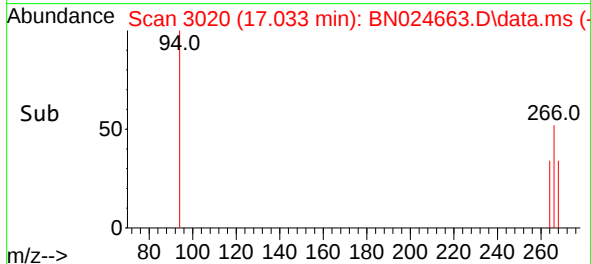
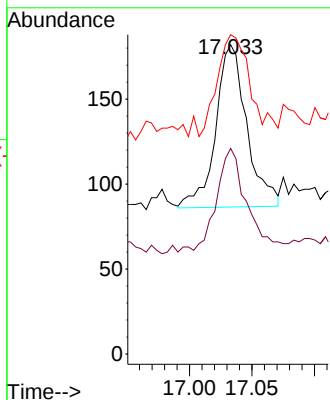
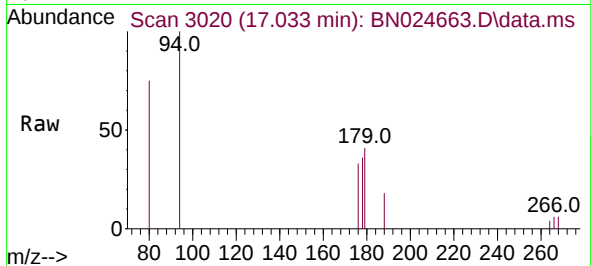




#14
 Pentachlorophenol
 Concen: 0.020 ng/ul
 RT: 17.033 min Scan# 3020
 Delta R.T. -0.000 min
 Lab File: BN024663.D
 Acq: 31 Mar 2023 03:26

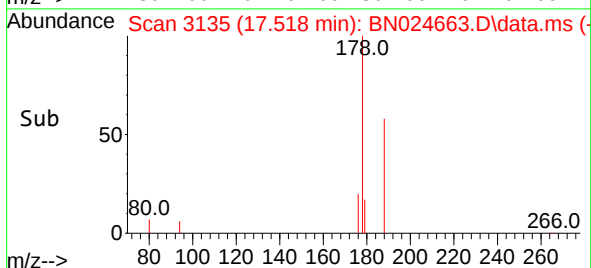
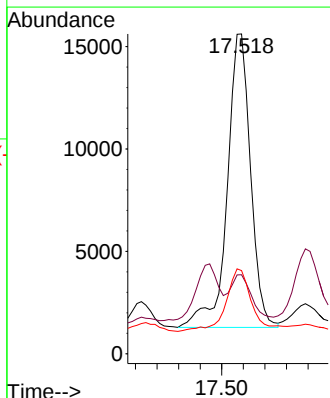
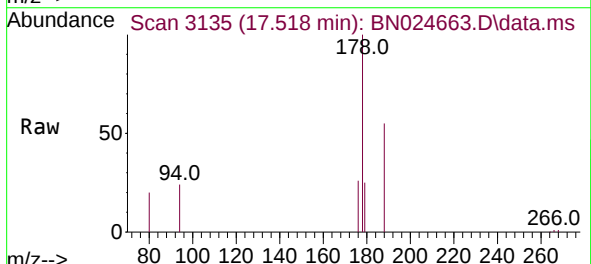
Instrument :
 BNA_N
 ClientSampleId :
 CB954

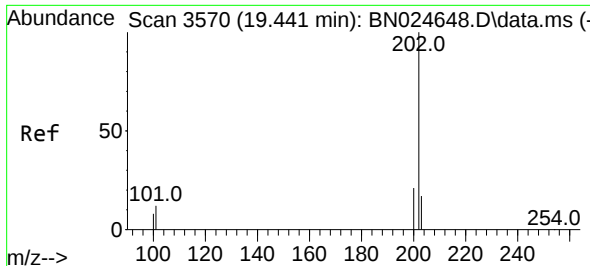
Tgt Ion:266	Resp:	166
Ion Ratio	Lower	Upper
266	100	
264	63.9	49.6 74.4
268	66.3	52.6 78.8



#16
 Anthracene
 Concen: 0.246 ng/ul
 RT: 17.518 min Scan# 3135
 Delta R.T. -0.000 min
 Lab File: BN024663.D
 Acq: 31 Mar 2023 03:26

Tgt Ion:178	Resp:	21507
Ion Ratio	Lower	Upper
178	100	
179	24.7	12.7 19.1#
176	26.0	15.2 22.8#

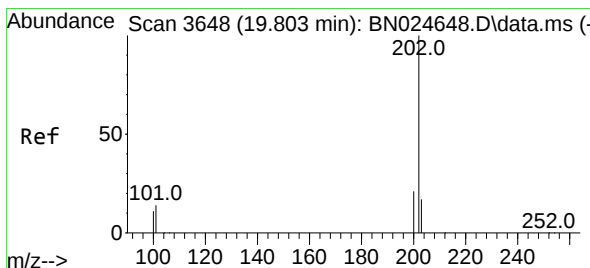
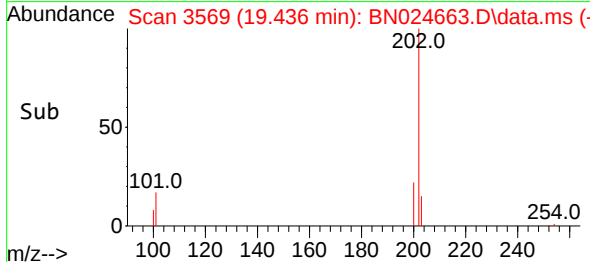
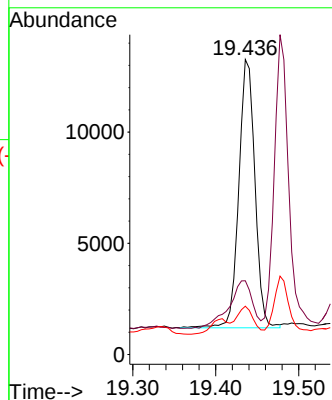
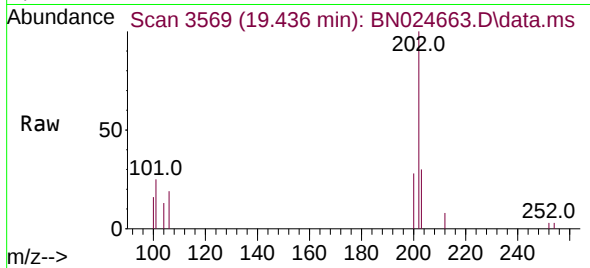




#19
Fluoranthene
Concen: 0.150 ng/ul
RT: 19.436 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BN024663.D
Acq: 31 Mar 2023 03:26

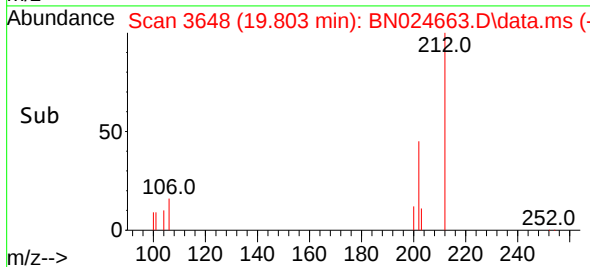
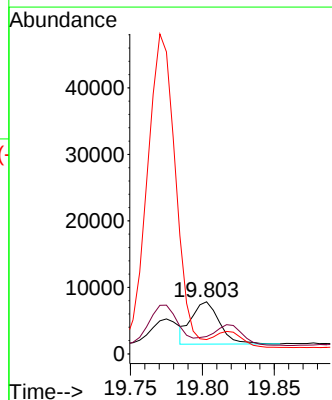
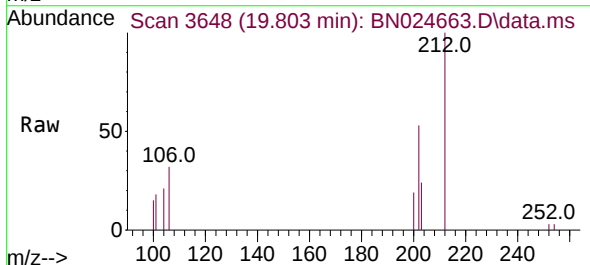
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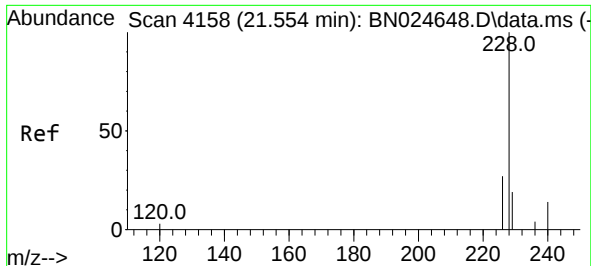
Tgt Ion:202 Resp: 16255
Ion Ratio Lower Upper
202 100
101 25.0 9.6 14.4#
100 16.4 7.0 10.6#



#20
Pyrene
Concen: 0.077 ng/ul
RT: 19.803 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BN024663.D
Acq: 31 Mar 2023 03:26

Tgt Ion:202 Resp: 8564
Ion Ratio Lower Upper
202 100
101 33.2 10.9 16.3#
100 27.7 8.7 13.1#





#21

Benzo(a)anthracene

Concen: 0.024 ng/ul

RT: 21.553 min Scan# 41

Delta R.T. -0.000 min

Lab File: BN024663.D

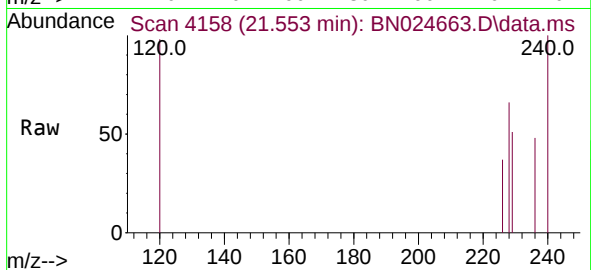
Acq: 31 Mar 2023 03:26

Instrument :

BNA_N

ClientSampleId :

CB954



Tgt Ion:228 Resp: 2186

Ion Ratio Lower Upper

228 100

229 77.3 15.6 23.4#

226 56.0 22.5 33.7#

