

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024179.D
 Acq On : 08 Mar 2023 22:22
 Operator : CG/JU
 Sample : 01746-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAC1

Quant Time: Mar 09 03:52:01 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 03:48:21 2023
 Response via : Initial Calibration

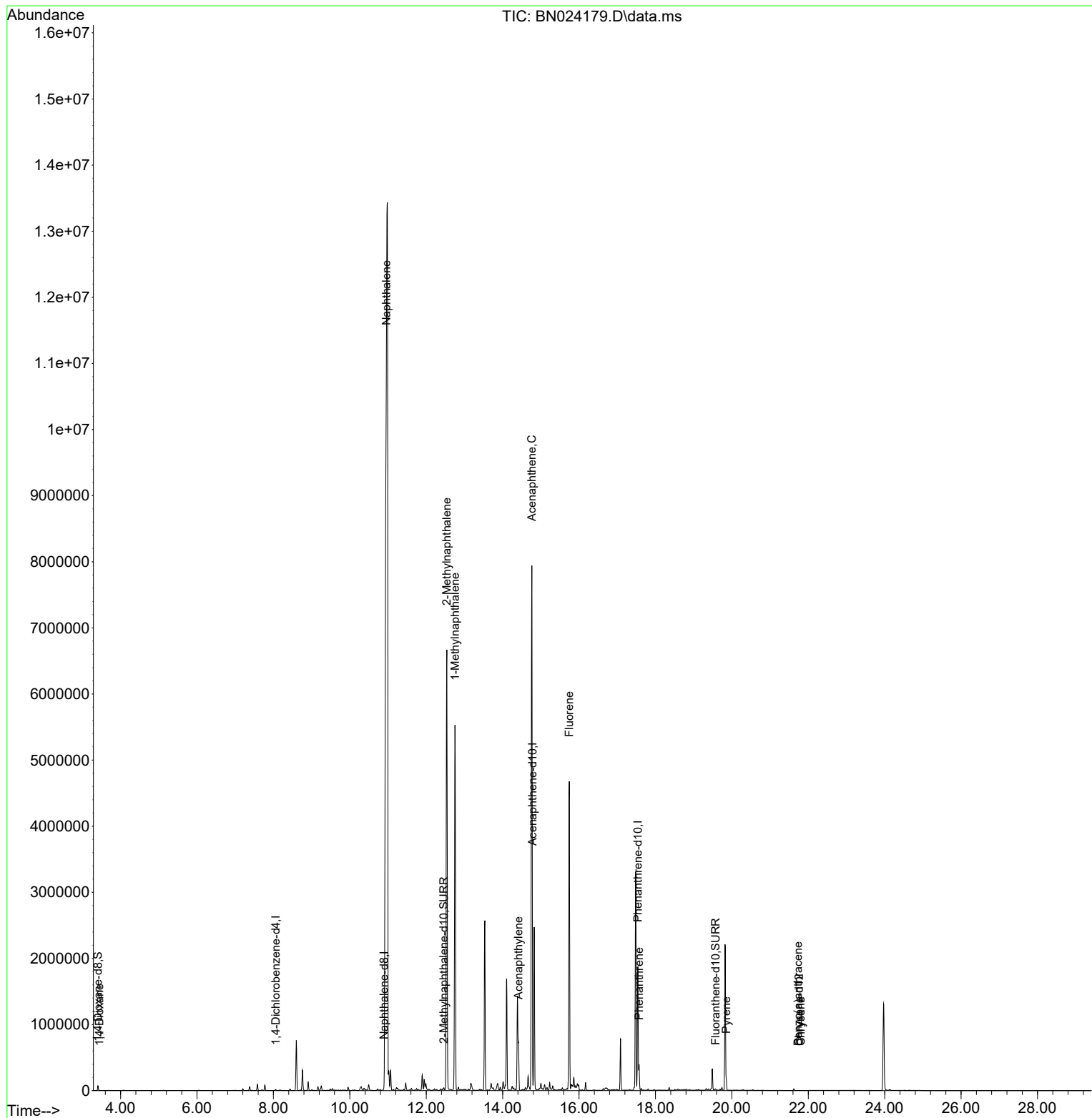
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	8673	0.400	ng/ul	0.00
4) Naphthalene-d8	10.894	136	26543	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.777	164	2468	0.400	ng/ul	0.08
13) Phenanthrene-d10	17.540	188	2153142	0.400	ng/ul	0.11
17) Chrysene-d12	21.755	240	510	0.400	ng/ul	# 0.13
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-24.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	43411	4.548	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	13500	0.428	ng/ul	0.00
18) Fluoranthene-d10	19.576	212	6424	4.734	ng/ul	0.12
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.443	88	245	0.024	ng/ul#	18
5) Naphthalene	10.955	128	35555184	536.657	ng/ul	95
7) 2-Methylnaphthalene	12.539	142	5197514	129.311	ng/ul	99
8) 1-Methylnaphthalene	12.753	142	4008952	94.906	ng/ul	99
10) Acenaphthylene	14.416	152	722864	70.197	ng/ul	98
11) Acenaphthene	14.763	153	5180778	653.045	ng/ul	97
12) Fluorene	15.744	166	2145405	242.168	ng/ul	100
15) Phenanthrene	17.569	178	384367	0.062	ng/ul	99
20) Pyrene	19.850	202	123568	60.007	ng/ul	94
21) Benzo(a)anthracene	21.732	228	35	0.021	ng/ul#	1
22) Chrysene	21.802	228	99	0.056	ng/ul#	1

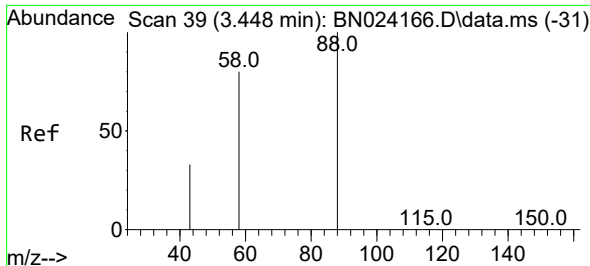
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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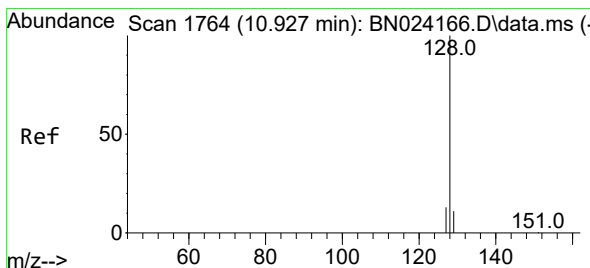
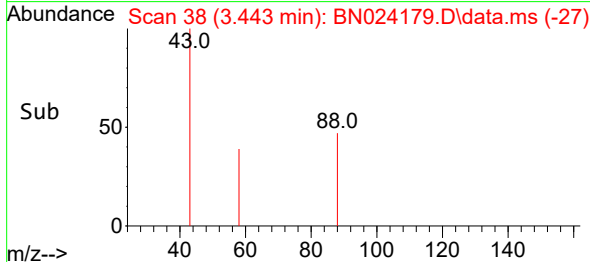
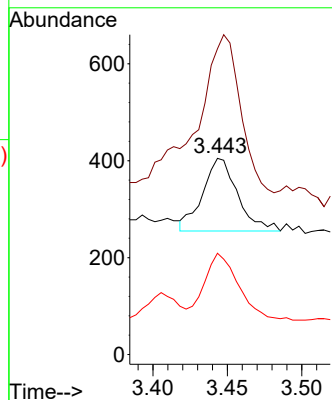
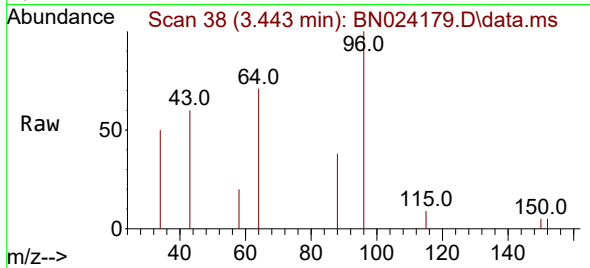




#2
1,4-Dioxane
Concen: 0.024 ng/ul
RT: 3.443 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN024179.D
Acq: 08 Mar 2023 22:22

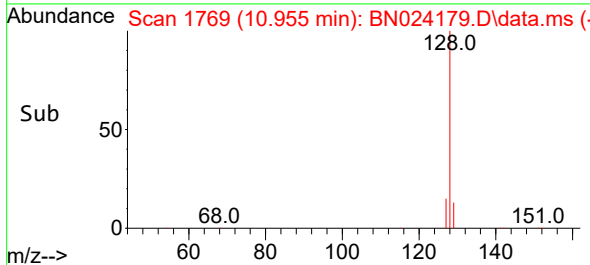
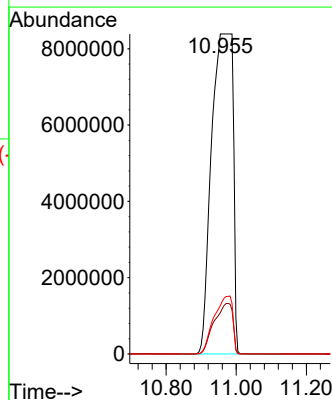
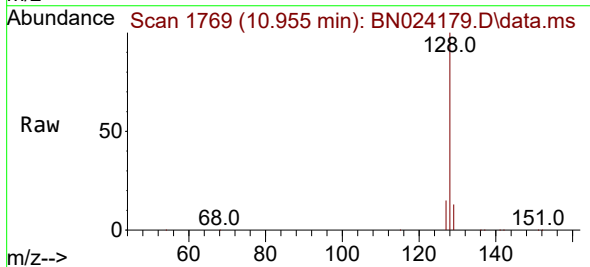
Instrument :
BNA_N
ClientSampleId :
DCAC1

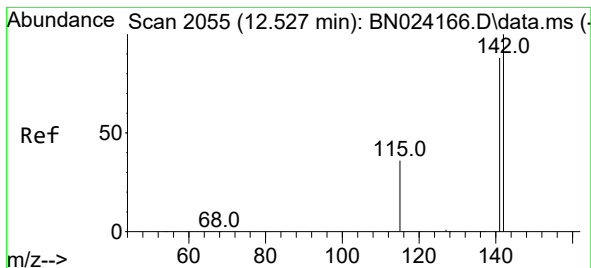
Tgt Ion: 88 Resp: 245
Ion Ratio Lower Upper
88 100
43 155.8 32.1 48.1#
58 51.6 55.1 82.7#



#5
Naphthalene
Concen: 536.657 ng/ul
RT: 10.955 min Scan# 1769
Delta R.T. 0.027 min
Lab File: BN024179.D
Acq: 08 Mar 2023 22:22

Tgt Ion:128 Resp:35555184
Ion Ratio Lower Upper
128 100
129 13.0 9.0 13.6
127 15.1 10.5 15.7

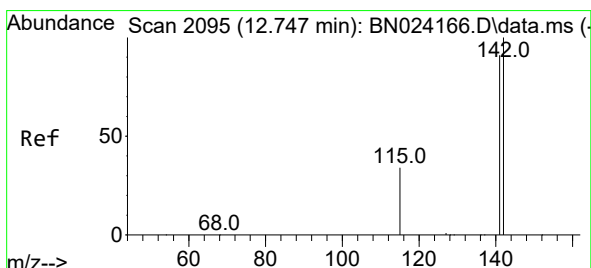
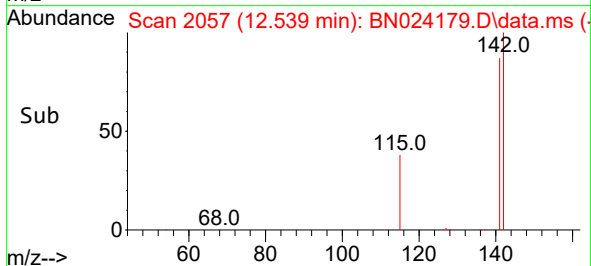
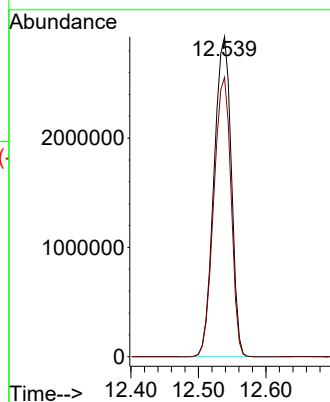
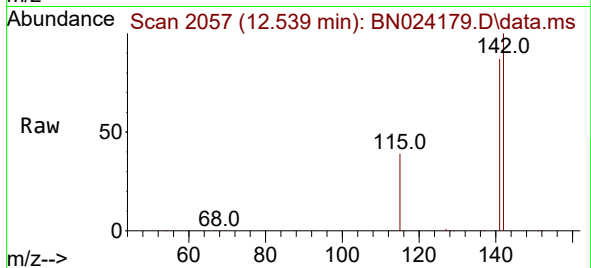




#7
2-Methylnaphthalene
Concen: 129.311 ng/ul
RT: 12.539 min Scan# 2057
Delta R.T. 0.011 min
Lab File: BN024179.D
Acq: 08 Mar 2023 22:22

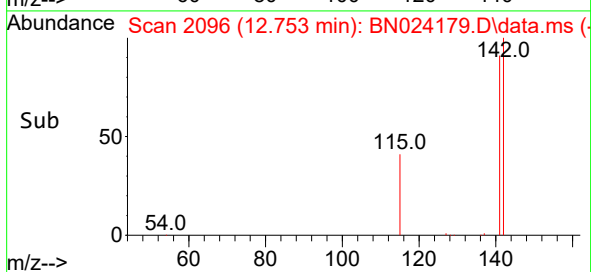
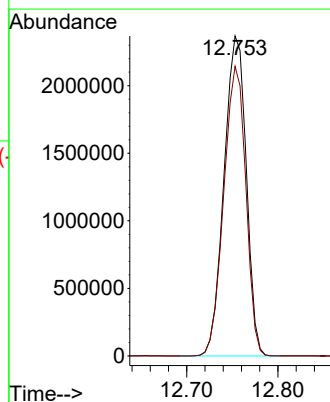
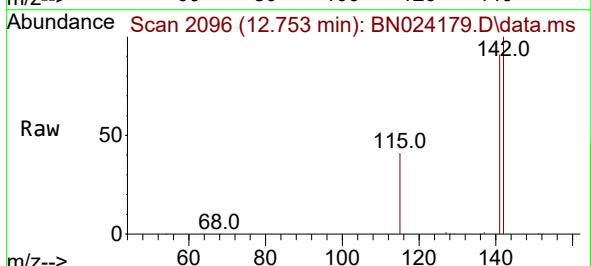
Instrument :
BNA_N
ClientSampleId :
DCAC1

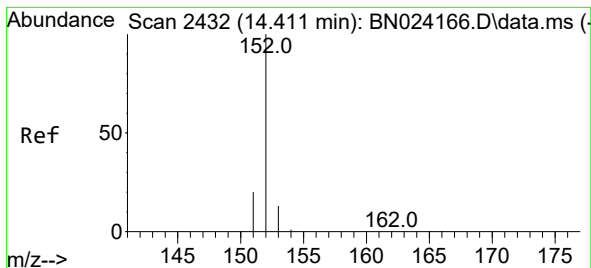
Tgt Ion:142 Resp: 5197514
Ion Ratio Lower Upper
142 100
141 87.1 70.3 105.5



#8
1-Methylnaphthalene
Concen: 94.906 ng/ul
RT: 12.753 min Scan# 2096
Delta R.T. 0.005 min
Lab File: BN024179.D
Acq: 08 Mar 2023 22:22

Tgt Ion:142 Resp: 4008952
Ion Ratio Lower Upper
142 100
141 90.0 73.0 109.6





#10

Acenaphthylene

Concen: 70.197 ng/ul

RT: 14.416 min Scan# 2432

Delta R.T. 0.005 min

Lab File: BN024179.D

Acq: 08 Mar 2023 22:22

Instrument :

BNA_N

ClientSampleId :

DCAC1

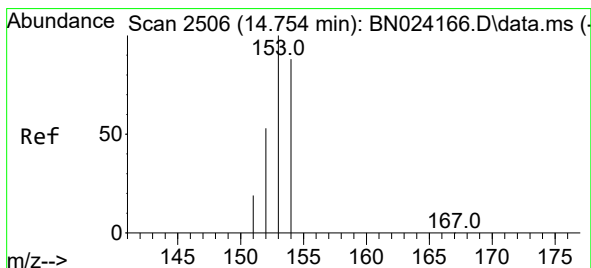
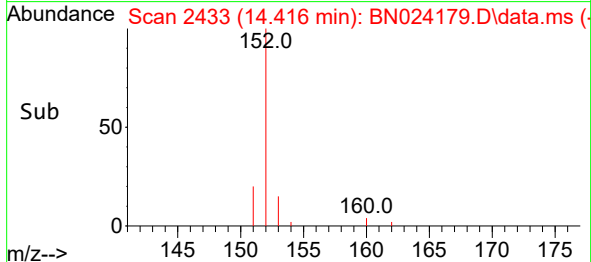
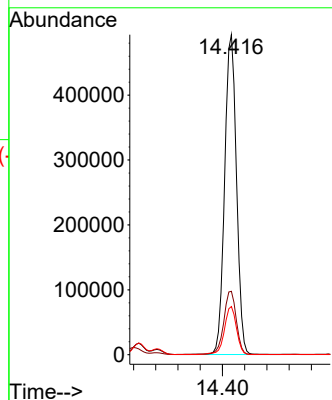
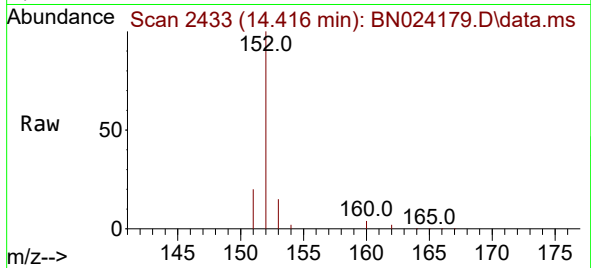
Tgt Ion:152 Resp: 722864

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 15.0 10.6 16.0



#11

Acenaphthene

Concen: 653.045 ng/ul

RT: 14.763 min Scan# 2508

Delta R.T. 0.009 min

Lab File: BN024179.D

Acq: 08 Mar 2023 22:22

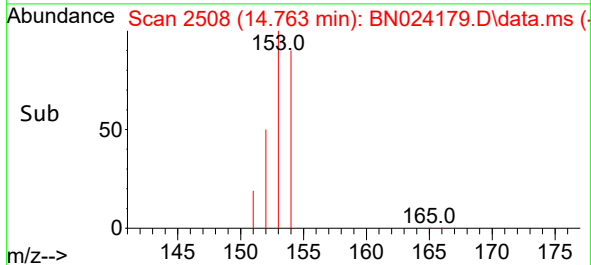
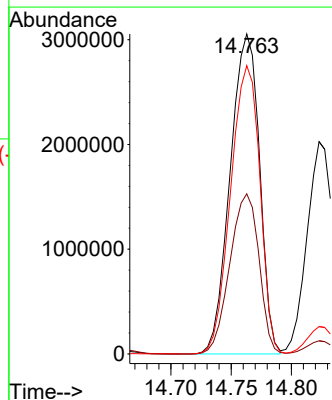
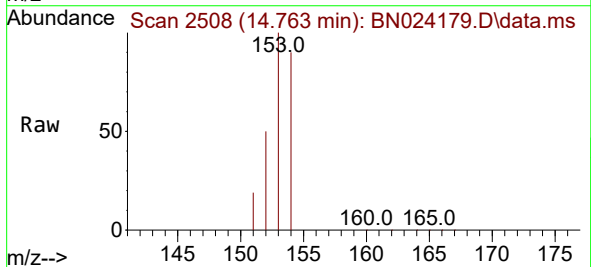
Tgt Ion:153 Resp: 5180778

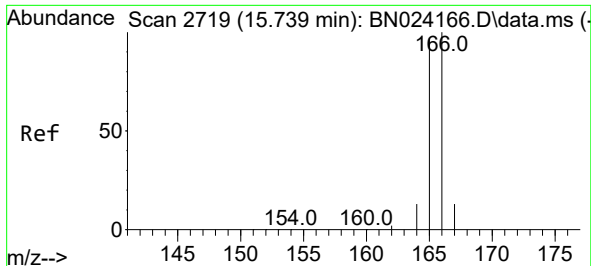
Ion Ratio Lower Upper

153 100

152 50.0 42.6 64.0

154 90.1 70.6 105.8

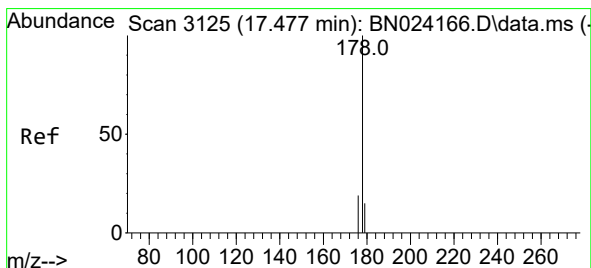
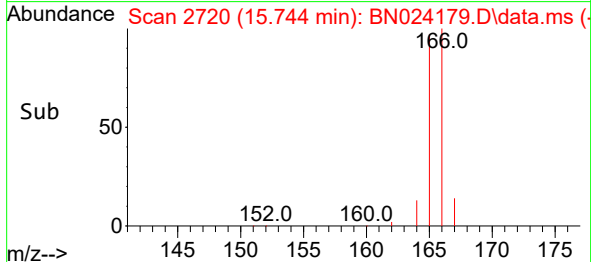
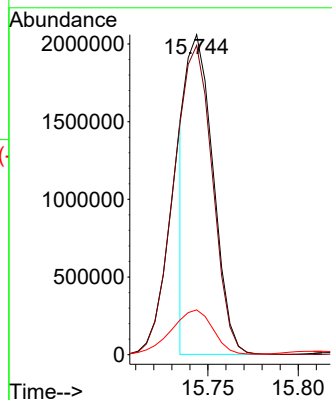
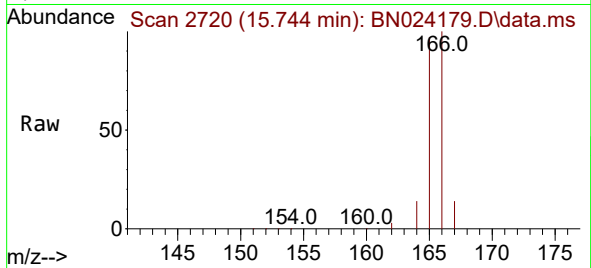




#12
Fluorene
Concen: 242.168 ng/ul
RT: 15.744 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN024179.D
Acq: 08 Mar 2023 22:22

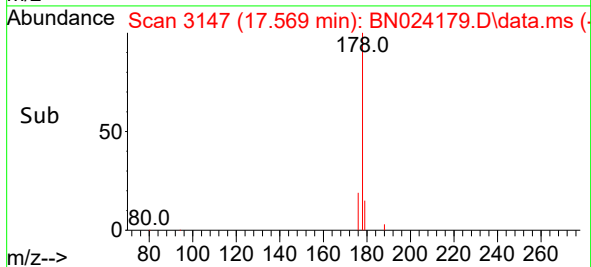
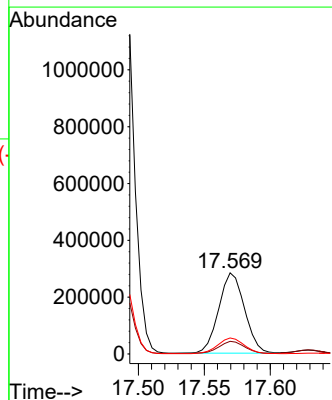
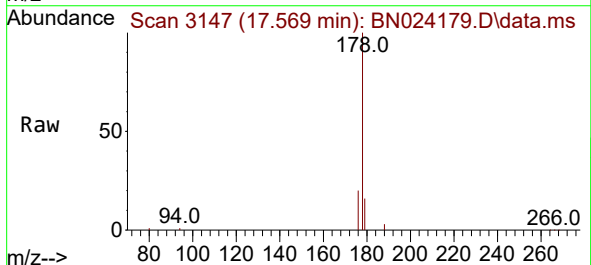
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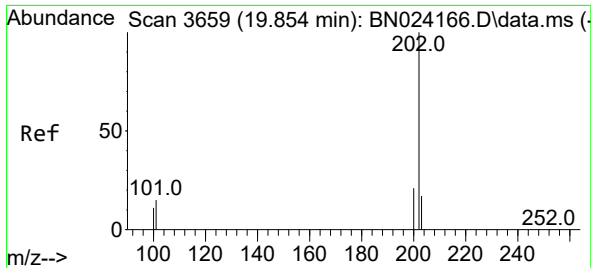
Tgt Ion:166 Resp: 2145405
Ion Ratio Lower Upper
166 100
165 96.6 77.4 116.0
167 14.0 10.9 16.3



#15
Phenanthrene
Concen: 0.062 ng/ul
RT: 17.569 min Scan# 3147
Delta R.T. 0.093 min
Lab File: BN024179.D
Acq: 08 Mar 2023 22:22

Tgt Ion:178 Resp: 384367
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.7 15.7 23.5

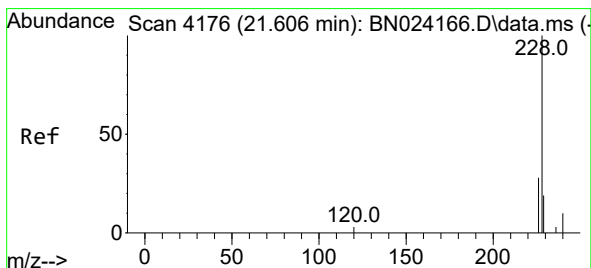
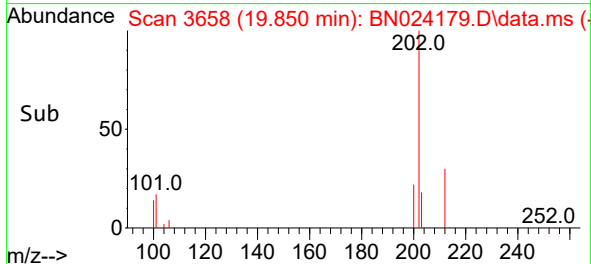
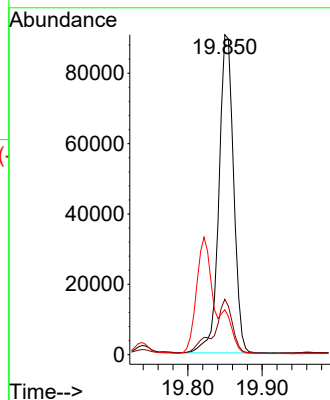
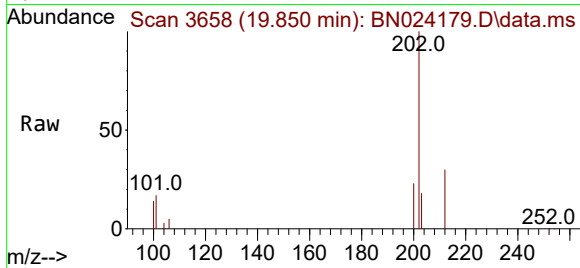




#20
Pyrene
Concen: 60.007 ng/ul
RT: 19.850 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN024179.D
Acq: 08 Mar 2023 22:22

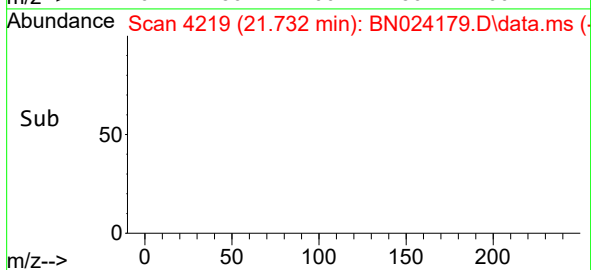
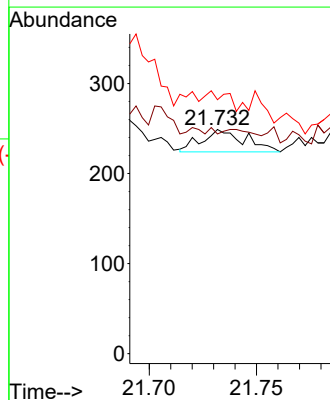
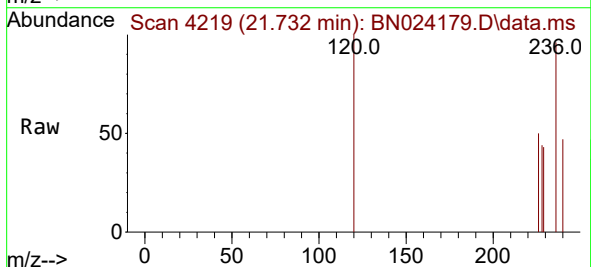
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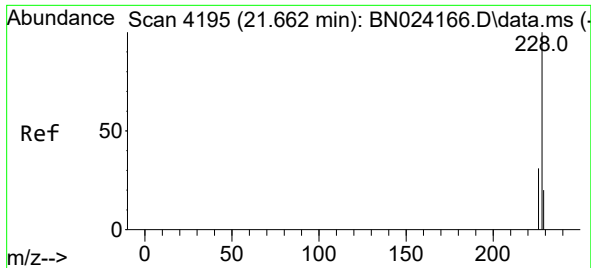
Tgt Ion:202 Resp: 123568
Ion Ratio Lower Upper
202 100
101 17.3 12.1 18.1
100 14.0 9.4 14.0



#21
Benzo(a)anthracene
Concen: 0.021 ng/ul
RT: 21.732 min Scan# 4219
Delta R.T. 0.123 min
Lab File: BN024179.D
Acq: 08 Mar 2023 22:22

Tgt Ion:228 Resp: 35
Ion Ratio Lower Upper
228 100
229 98.0 15.8 23.6#
226 113.3 22.2 33.4#





#22

Chrysene

Concen: 0.056 ng/ul

RT: 21.802 min Scan# 41

Delta R.T. 0.137 min

Lab File: BN024179.D

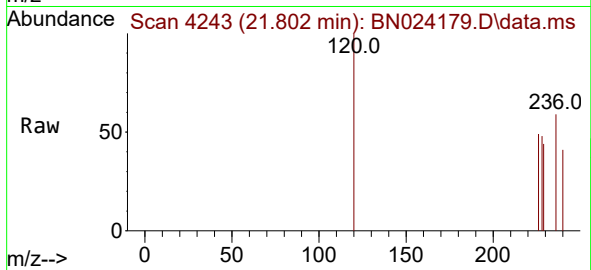
Acq: 08 Mar 2023 22:22

Instrument :

BNA_N

ClientSampleId :

DCAC1



Tgt Ion:228 Resp: 99

Ion Ratio Lower Upper

228 100

226 102.2 24.8 37.2#

229 91.8 15.8 23.6#

