

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026056.D
 Acq On : 28 Jun 2023 13:46
 Operator : MA/JU
 Sample : 03142-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS4

Quant Time: Jun 28 23:14:33 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

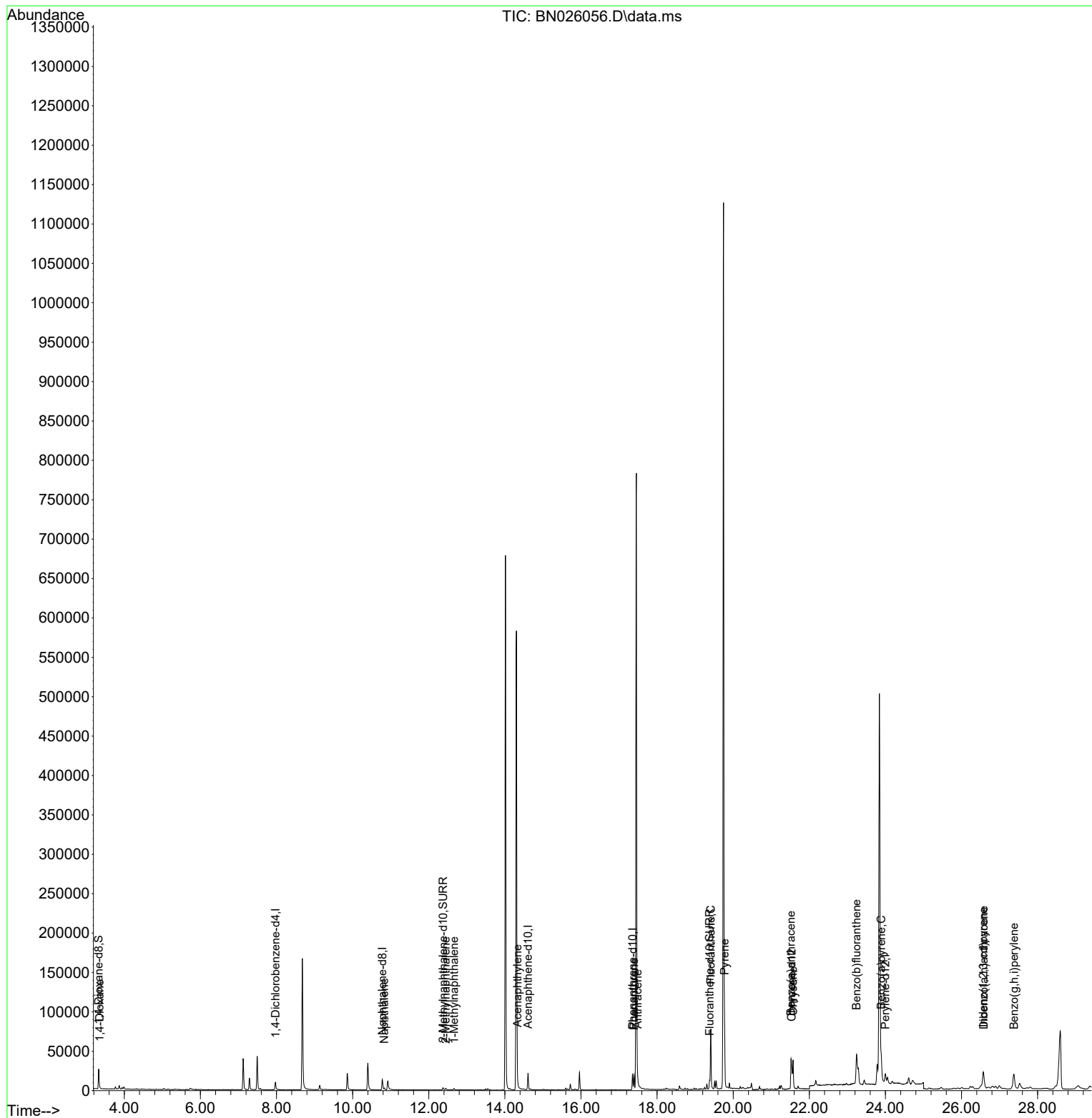
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	6128	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	19543	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	11673	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.356	188	25177	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	17650	0.400	ng/ul	0.00
23) Perylene-d12	23.997	264	17654	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	17563	2.545	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	4606	0.153	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	11676	0.174	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	180	0.025	ng/ul#	65
5) Naphthalene	10.831	128	3409	0.061	ng/ul#	92
7) 2-Methylnaphthalene	12.447	142	1973	0.055	ng/ul	99
8) 1-Methylnaphthalene	12.662	142	1576	0.043	ng/ul	98
10) Acenaphthylene	14.330	152	5435	0.099	ng/ul#	96
15) Phenanthrene	17.394	178	20485	0.246	ng/ul	99
16) Anthracene	17.487	178	5633	0.076	ng/ul#	90
19) Fluoranthene	19.411	202	68167	0.723	ng/ul	100
20) Pyrene	19.773	202	63979	0.652	ng/ul	96
21) Benzo(a)anthracene	21.518	228	30848	0.424	ng/ul	96
22) Chrysene	21.571	228	44697	0.590	ng/ul	98
24) Benzo(b)fluoranthene	23.242	252	93375	1.239	ng/ul	96
26) Benzo(a)pyrene	23.889	252	40812	0.624	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.572	276	36173	0.506	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.582	278	8724	0.161	ng/ul#	77
29) Benzo(g,h,i)perylene	27.377	276	40005	0.629	ng/ul	100

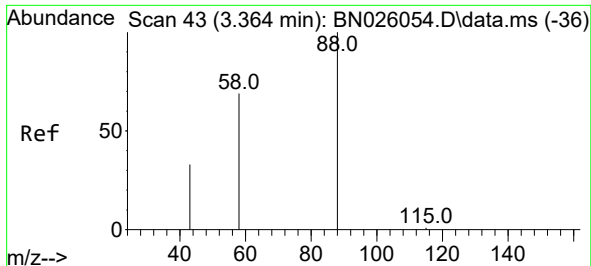
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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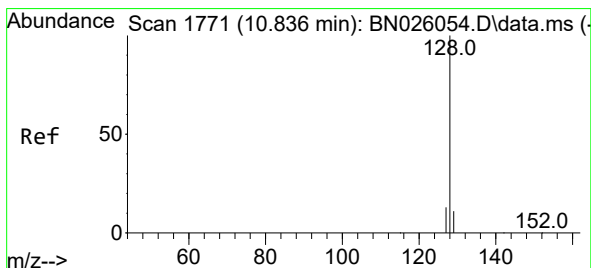
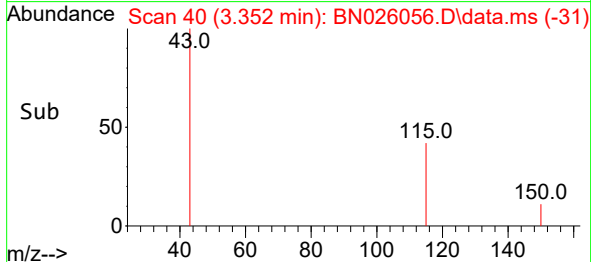
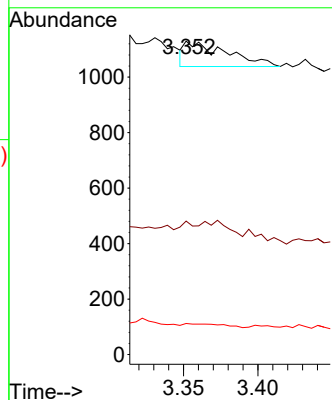
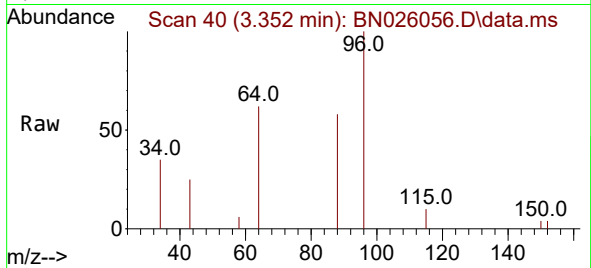




#2
1,4-Dioxane
Concen: 0.025 ng/ul
RT: 3.352 min Scan# 40
Delta R.T. -0.013 min
Lab File: BN026056.D
Acq: 28 Jun 2023 13:46

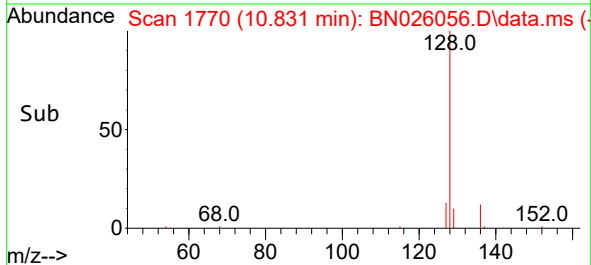
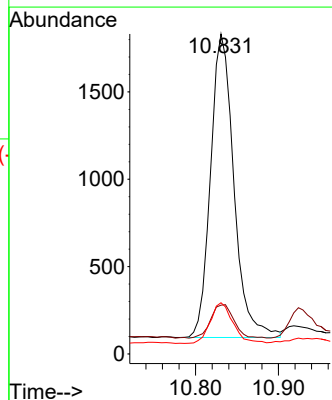
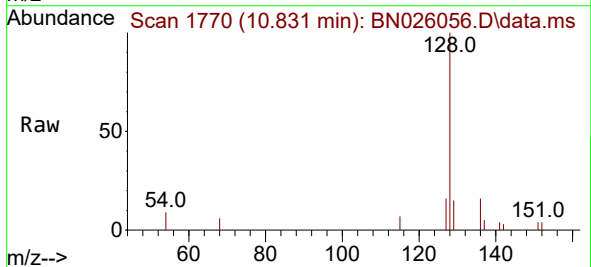
Instrument :
BNA_N
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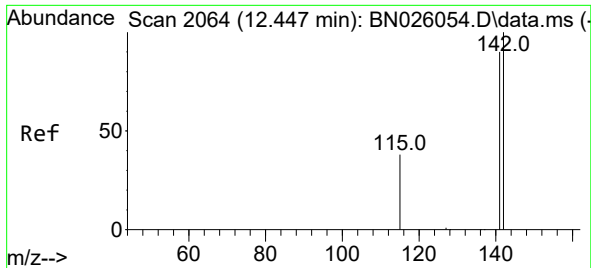
Tgt Ion: 88 Resp: 180
Ion Ratio Lower Upper
88 100
43 42.6 29.5 44.3
58 9.9 37.4 56.2#



#5
Naphthalene
Concen: 0.061 ng/ul
RT: 10.831 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BN026056.D
Acq: 28 Jun 2023 13:46

Tgt Ion:128 Resp: 3409
Ion Ratio Lower Upper
128 100
129 15.2 9.1 13.7#
127 16.0 10.7 16.1

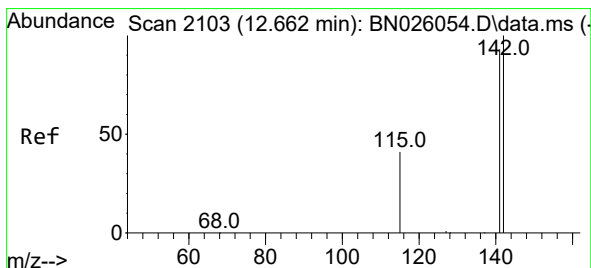
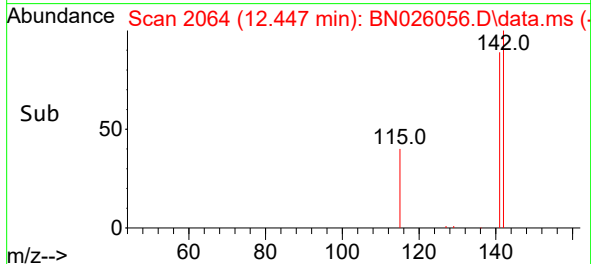
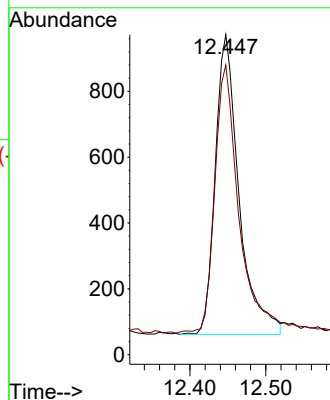
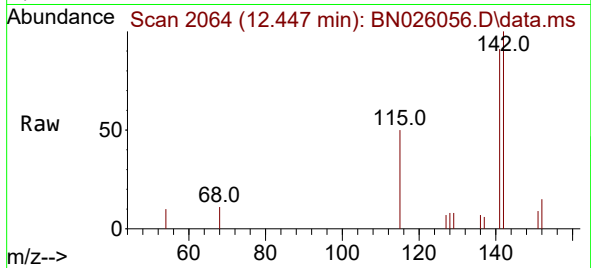




#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BN026056.D
Acq: 28 Jun 2023 13:46

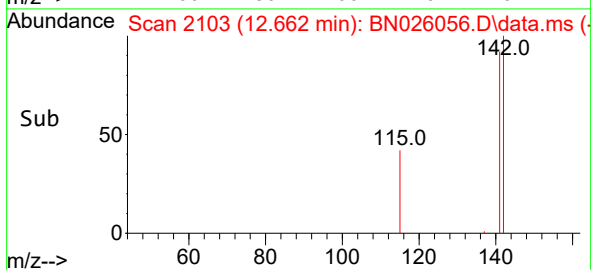
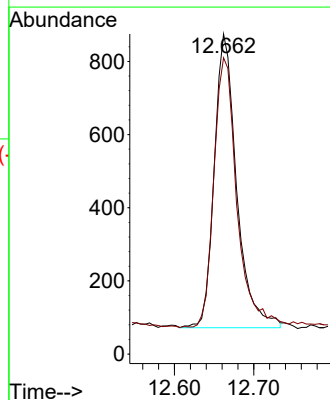
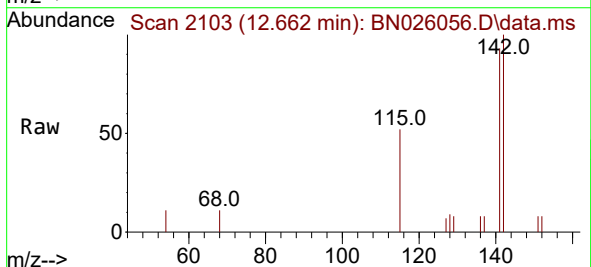
Instrument :
BNA_N
ClientSampleId :
DCFS4

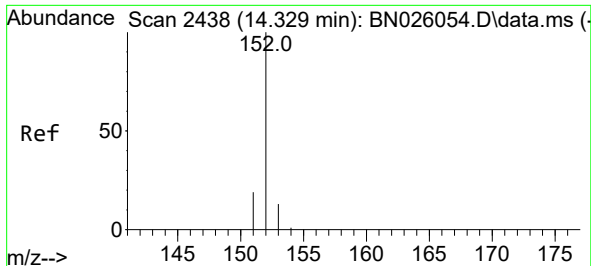
Tgt Ion:142 Resp: 1973
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.662 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN026056.D
Acq: 28 Jun 2023 13:46

Tgt Ion:142 Resp: 1576
Ion Ratio Lower Upper
142 100
141 94.3 74.2 111.4

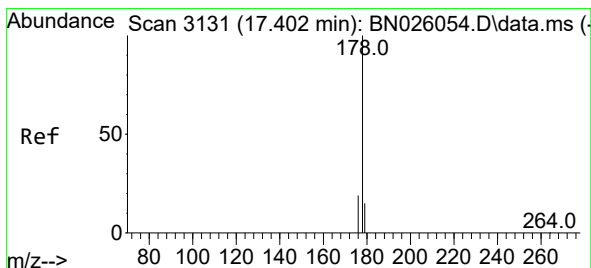
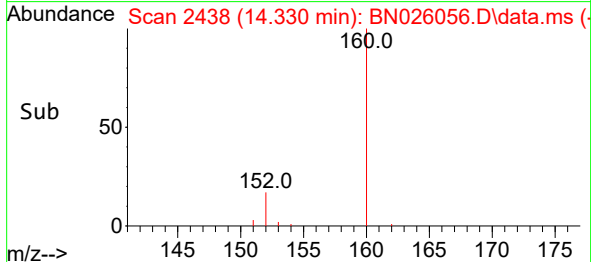
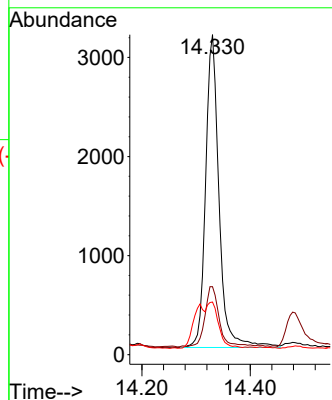
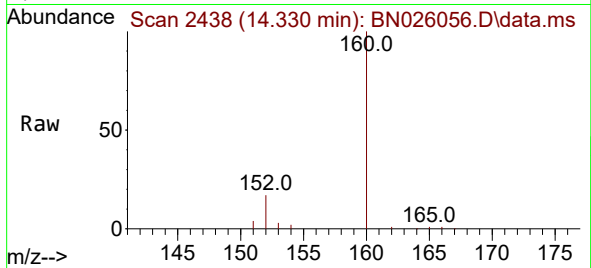




#10
Acenaphthylene
Concen: 0.099 ng/ul
RT: 14.330 min Scan# 2438
Delta R.T. 0.001 min
Lab File: BN026056.D
Acq: 28 Jun 2023 13:46

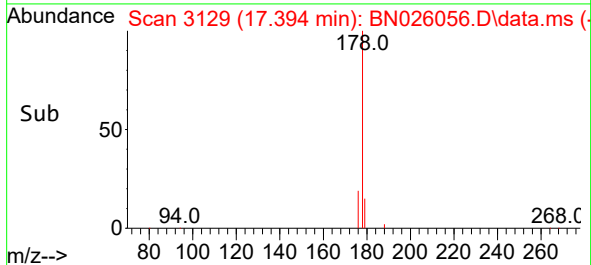
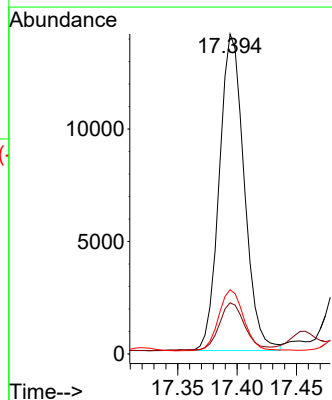
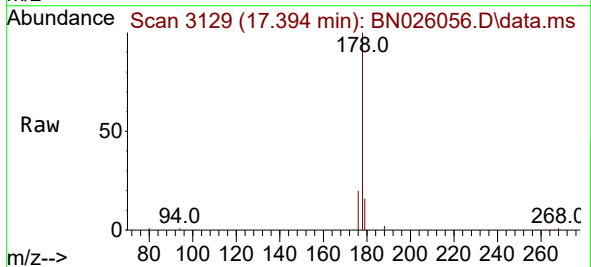
Instrument :
BNA_N
ClientSampleId :
DCFS4

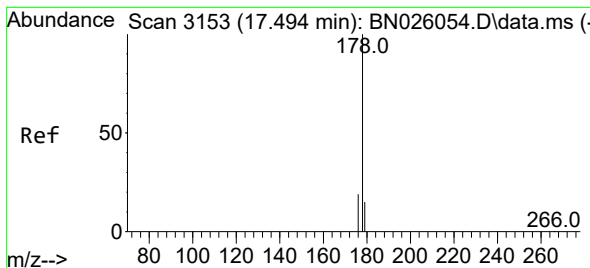
Tgt Ion:152 Resp: 5435
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4
153 16.5 10.9 16.3#



#15
Phenanthrene
Concen: 0.246 ng/ul
RT: 17.394 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026056.D
Acq: 28 Jun 2023 13:46

Tgt Ion:178 Resp: 20485
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 20.0 15.8 23.6





#16

Anthracene

Concen: 0.076 ng/ul

RT: 17.487 min Scan# 3153

Delta R.T. -0.008 min

Lab File: BN026056.D

Acq: 28 Jun 2023 13:46

Instrument :

BNA_N

ClientSampleId :

DCFS4

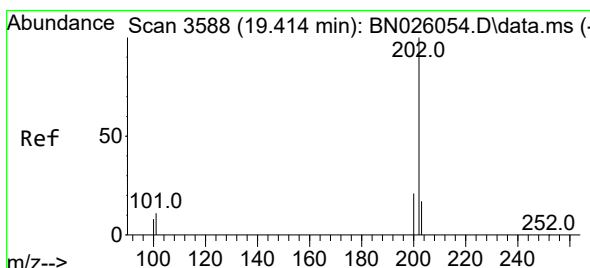
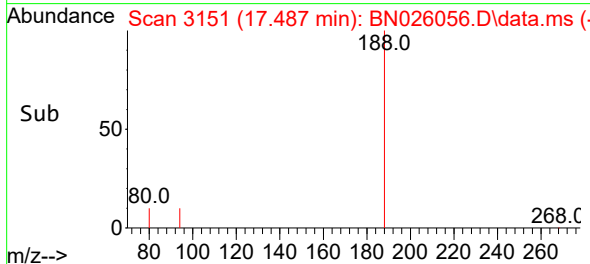
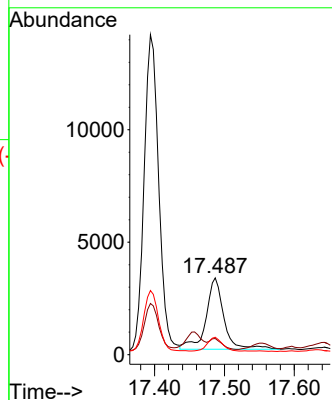
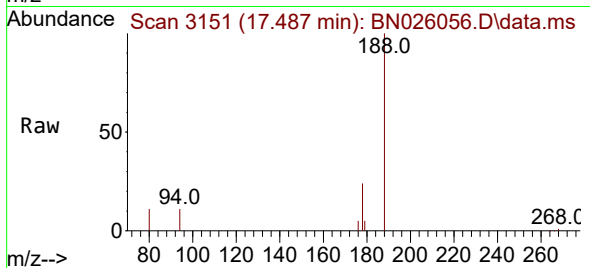
Tgt Ion:178 Resp: 5633

Ion Ratio Lower Upper

178 100

179 21.0 12.6 18.8#

176 22.6 15.1 22.7



#19

Fluoranthene

Concen: 0.723 ng/ul

RT: 19.411 min Scan# 3587

Delta R.T. -0.004 min

Lab File: BN026056.D

Acq: 28 Jun 2023 13:46

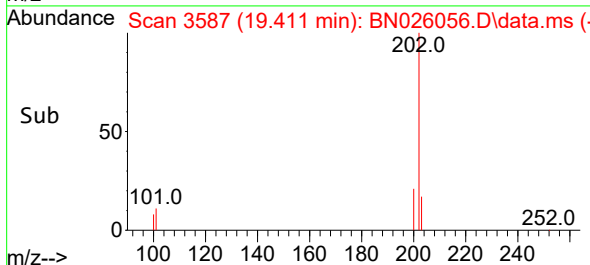
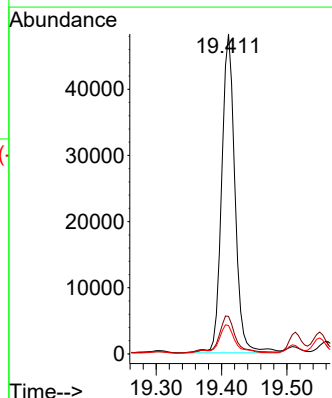
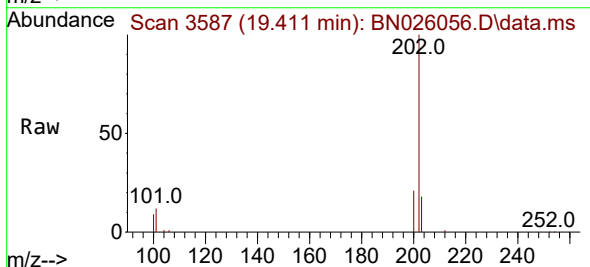
Tgt Ion:202 Resp: 68167

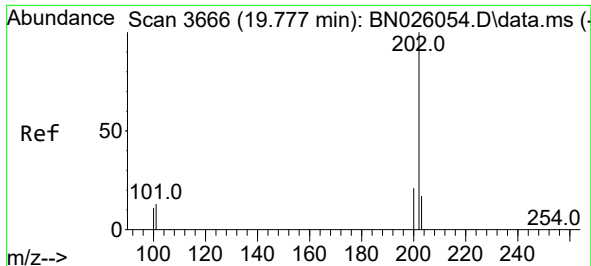
Ion Ratio Lower Upper

202 100

101 11.7 9.5 14.3

100 8.9 7.3 10.9

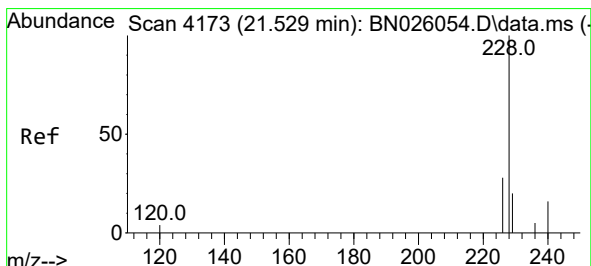
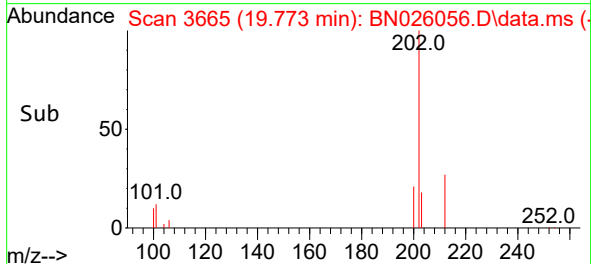
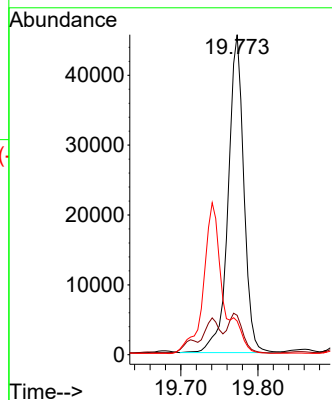
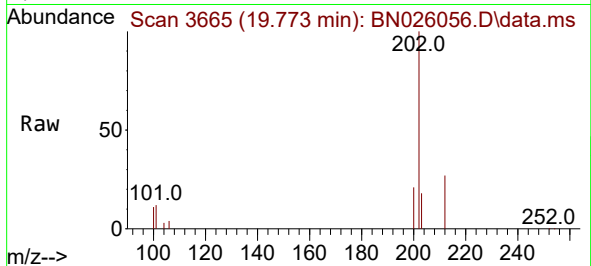




#20
Pyrene
Concen: 0.652 ng/ul
RT: 19.773 min Scan# 3665
Delta R.T. -0.004 min
Lab File: BN026056.D
Acq: 28 Jun 2023 13:46

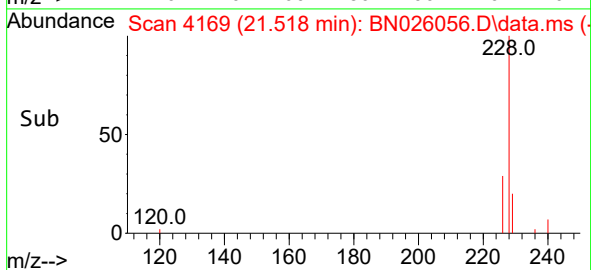
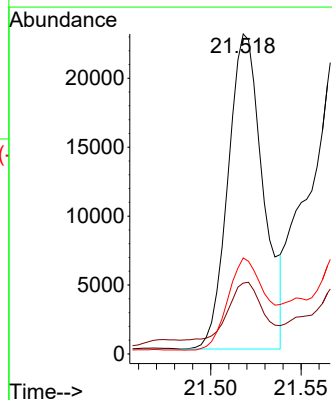
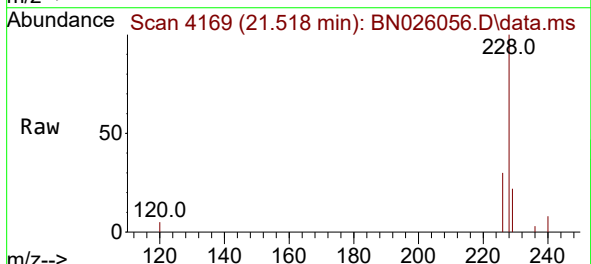
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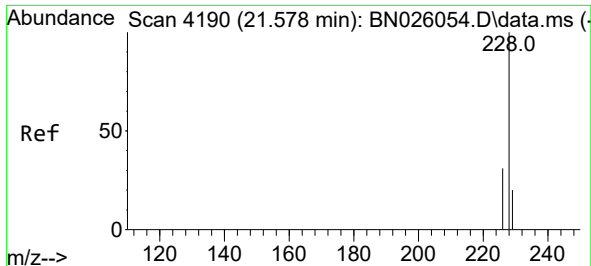
Tgt Ion:202 Resp: 63979
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.5 9.1 13.7



#21
Benzo(a)anthracene
Concen: 0.424 ng/ul
RT: 21.518 min Scan# 4169
Delta R.T. -0.011 min
Lab File: BN026056.D
Acq: 28 Jun 2023 13:46

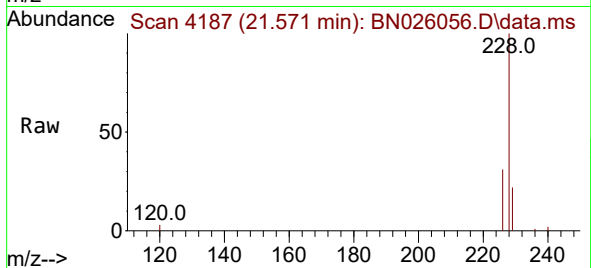
Tgt Ion:228 Resp: 30848
Ion Ratio Lower Upper
228 100
229 22.2 15.8 23.6
226 30.0 22.5 33.7



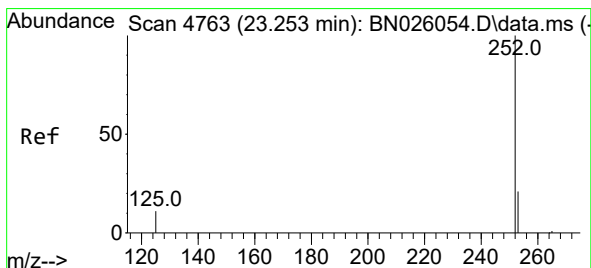
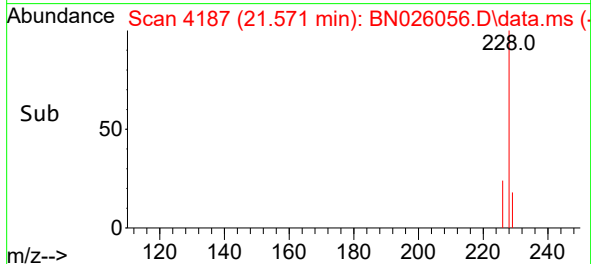
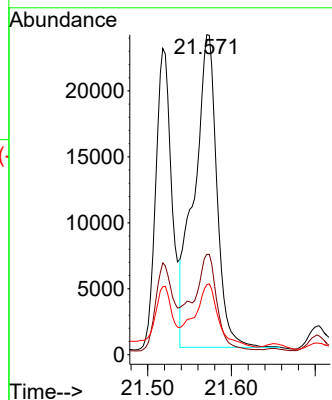


#22
Chrysene
Concen: 0.590 ng/ul
RT: 21.571 min Scan# 41
Delta R.T. -0.008 min
Lab File: BN026056.D
Acq: 28 Jun 2023 13:46

Instrument :
BNA_N
ClientSampleId :
DCFS4

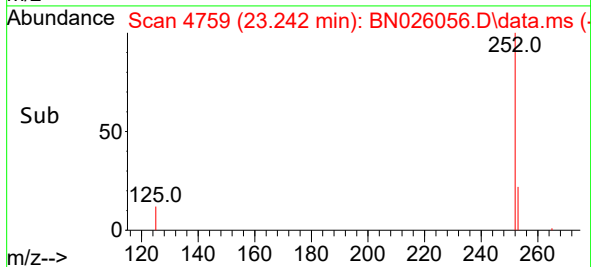
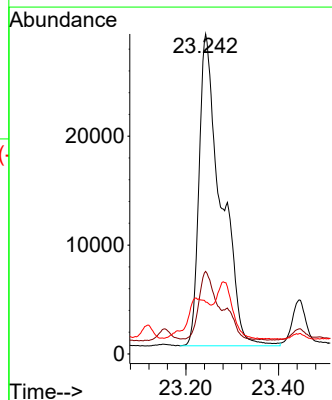
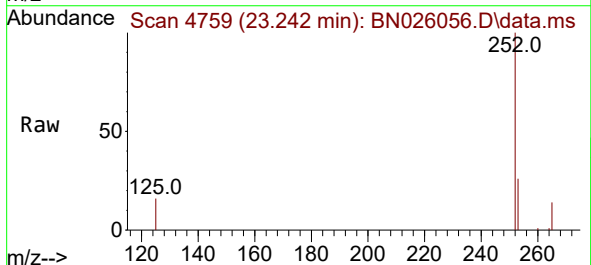


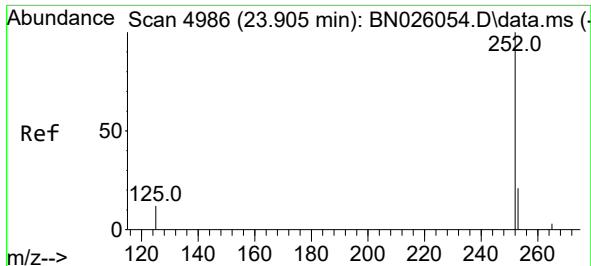
Tgt Ion:228 Resp: 44697
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 21.8 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 1.239 ng/ul
RT: 23.242 min Scan# 4759
Delta R.T. -0.011 min
Lab File: BN026056.D
Acq: 28 Jun 2023 13:46

Tgt Ion:252 Resp: 93375
Ion Ratio Lower Upper
252 100
253 25.8 0.0 55.6
125 16.2 0.0 35.8

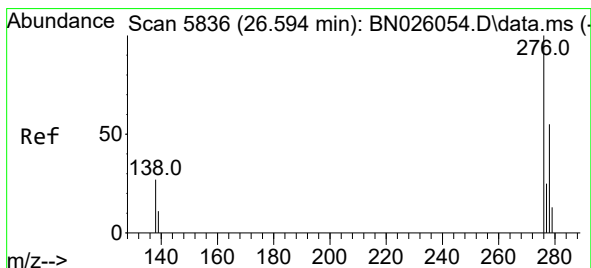
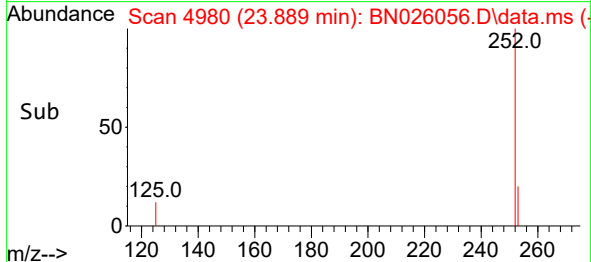
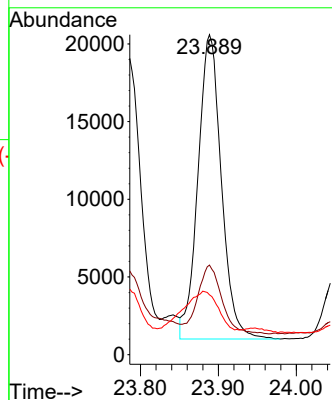
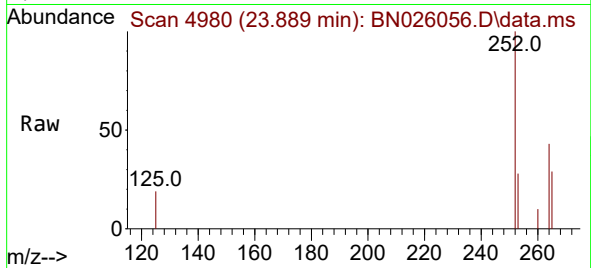




#26
Benzo(a)pyrene
Concen: 0.624 ng/ul
RT: 23.889 min Scan# 4986
Delta R.T. -0.017 min
Lab File: BN026056.D
Acq: 28 Jun 2023 13:46

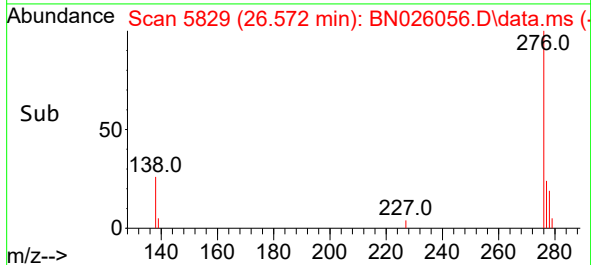
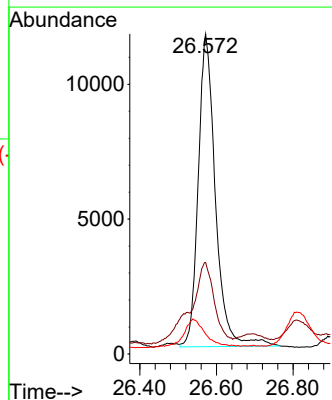
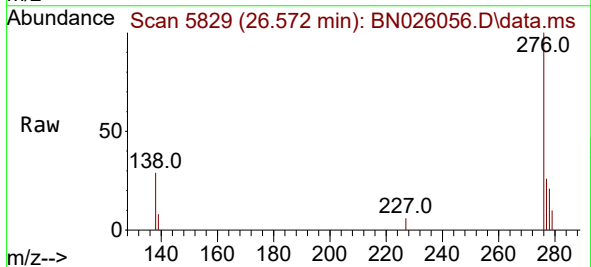
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ClientSampleId :
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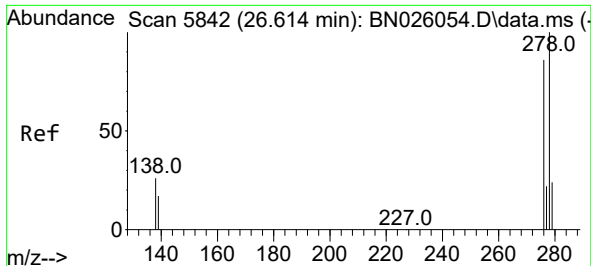
Tgt Ion:252 Resp: 40812
Ion Ratio Lower Upper
252 100
253 28.0 26.0 39.0
125 18.7 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.506 ng/ul
RT: 26.572 min Scan# 5829
Delta R.T. -0.023 min
Lab File: BN026056.D
Acq: 28 Jun 2023 13:46

Tgt Ion:276 Resp: 36173
Ion Ratio Lower Upper
276 100
138 41.6 24.5 36.7#
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.161 ng/ul

RT: 26.582 min Scan# 51

Delta R.T. -0.033 min

Lab File: BN026056.D

Acq: 28 Jun 2023 13:46

Instrument :

BNA_N

ClientSampleId :

DCFS4

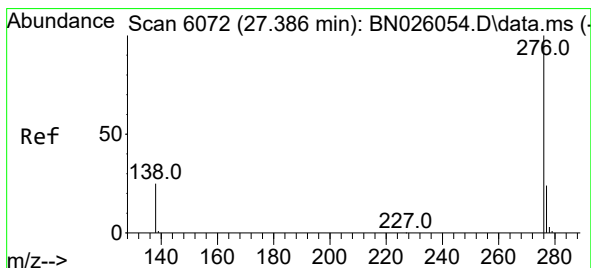
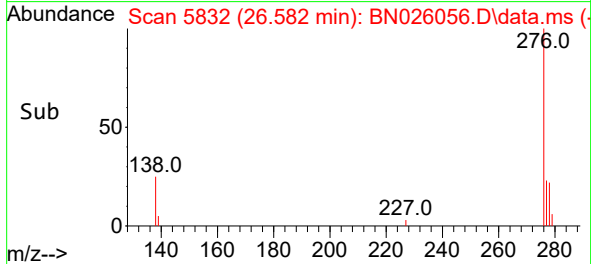
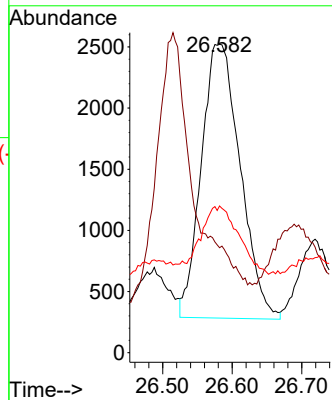
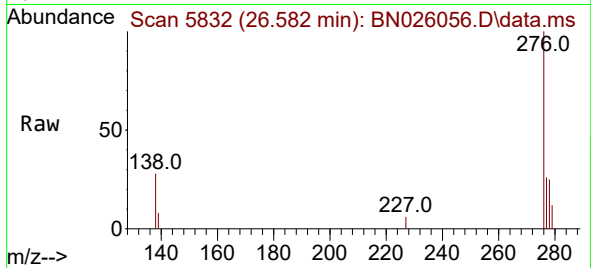
Tgt Ion:278 Resp: 8724

Ion Ratio Lower Upper

278 100

139 34.0 19.0 28.4#

279 47.6 26.7 40.1#



#29

Benzo(g,h,i)perylene

Concen: 0.629 ng/ul

RT: 27.377 min Scan# 6069

Delta R.T. -0.009 min

Lab File: BN026056.D

Acq: 28 Jun 2023 13:46

Tgt Ion:276 Resp: 40005

Ion Ratio Lower Upper

276 100

138 29.1 23.4 35.0

277 24.6 20.0 30.0

