

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027040.D
 Acq On : 22 Aug 2023 23:51
 Operator : MA/JU
 Sample : 04049-10
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH9K0

Quant Time: Aug 23 02:29:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

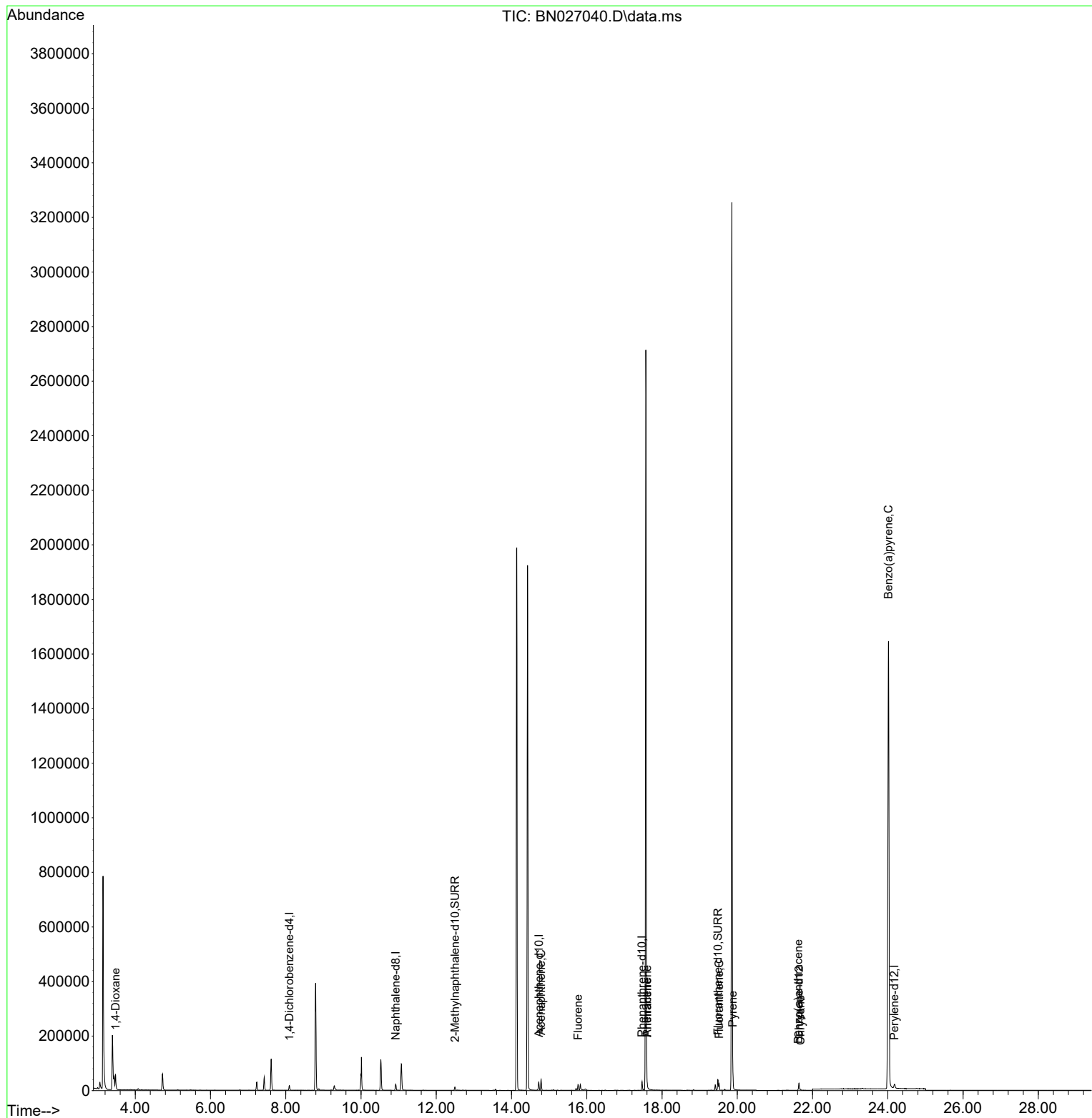
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	8775	0.400	ng/ul	0.00
4) Naphthalene-d8	10.922	136	29643	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	17327	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	37099	0.400	ng/ul	0.00
17) Chrysene-d12	21.638	240	25205	0.400	ng/ul	0.00
23) Perylene-d12	24.176	264	24293	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	12.495	152	16186	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	41039	0.516	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.477	88	39956	3.757	ng/ul#	91
11) Acenaphthene	14.786	153	22155	0.330	ng/ul	99
12) Fluorene	15.767	166	13156	0.173	ng/ul	99
15) Phenanthrene	17.603	178	14454	0.119	ng/ul	98
16) Anthracene	17.603	178	14328	0.130	ng/ul	97
19) Fluoranthene	19.515	202	21892	0.209	ng/ul	98
20) Pyrene	19.882	202	38403	0.344	ng/ul	99
21) Benzo(a)anthracene	21.621	228	3999	0.040	ng/ul#	90
22) Chrysene	21.679	228	3384	0.034	ng/ul#	90
26) Benzo(a)pyrene	24.015	252	9567	0.115	ng/ul#	49

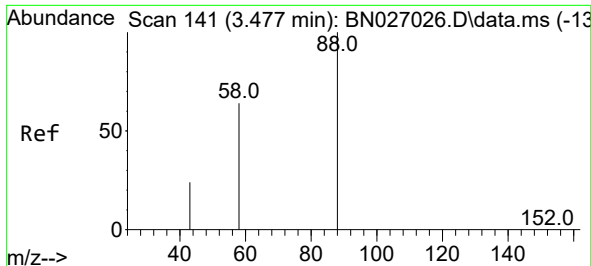
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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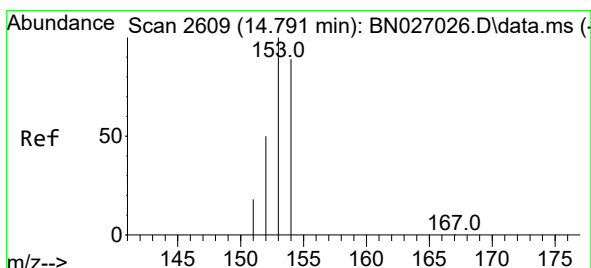
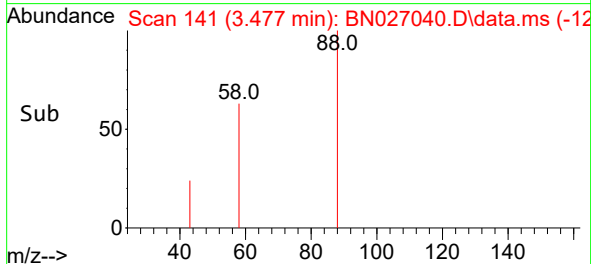
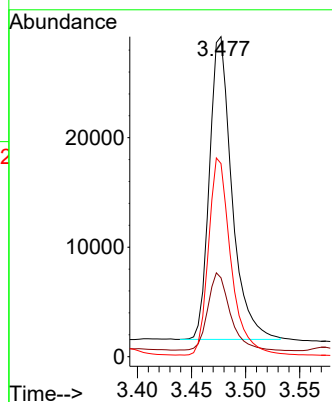
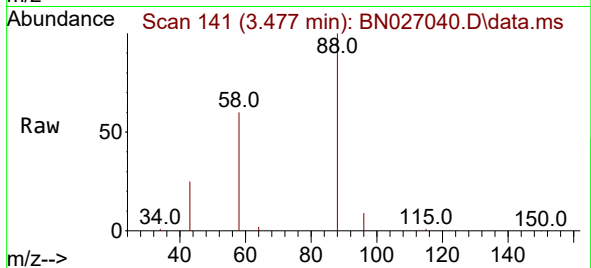




#2
1,4-Dioxane
Concen: 3.757 ng/ul
RT: 3.477 min Scan# 141
Delta R.T. -0.000 min
Lab File: BN027040.D
Acq: 22 Aug 2023 23:51

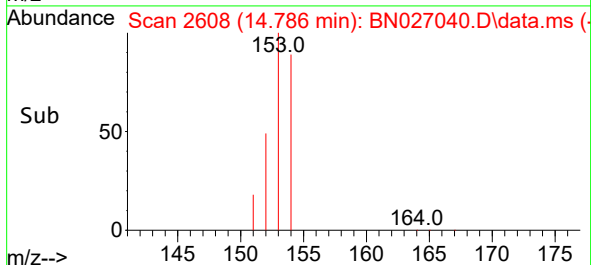
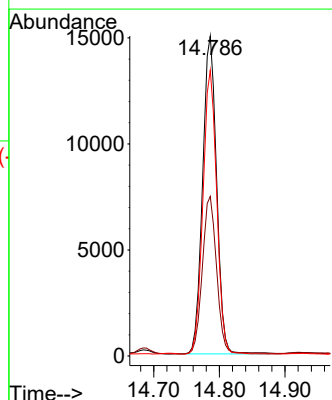
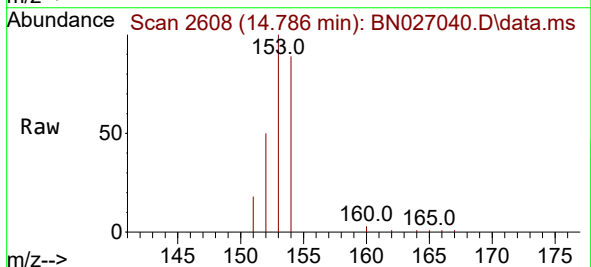
Instrument :
BNA_N
ClientSampleId :
BH9K0

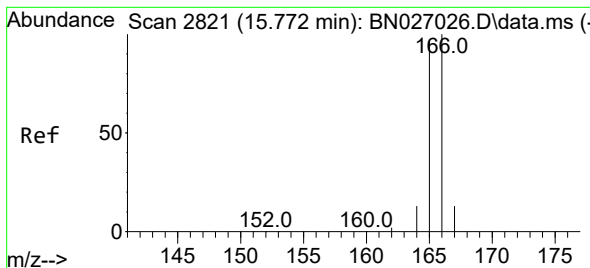
Tgt Ion: 88 Resp: 39956
Ion Ratio Lower Upper
88 100
43 24.6 28.0 42.0#
58 60.3 46.0 69.0



#11
Acenaphthene
Concen: 0.330 ng/ul
RT: 14.786 min Scan# 2608
Delta R.T. -0.000 min
Lab File: BN027040.D
Acq: 22 Aug 2023 23:51

Tgt Ion:153 Resp: 22155
Ion Ratio Lower Upper
153 100
152 49.9 41.1 61.7
154 89.3 71.6 107.4





#12

Fluorene

Concen: 0.173 ng/ul

RT: 15.767 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027040.D

Acq: 22 Aug 2023 23:51

Instrument :

BNA_N

ClientSampleId :

BH9K0

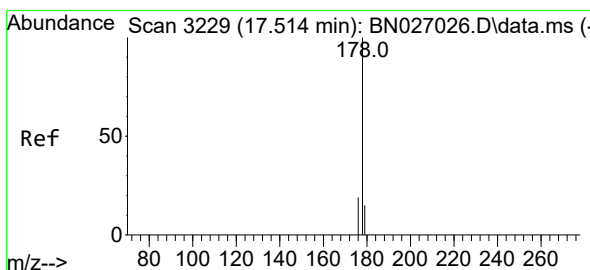
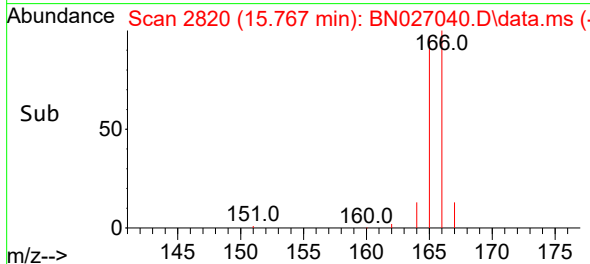
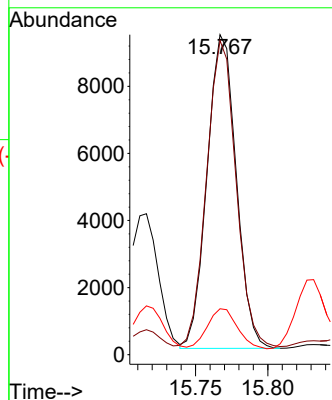
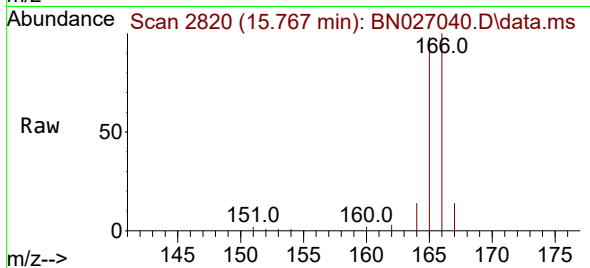
Tgt Ion:166 Resp: 13156

Ion Ratio Lower Upper

166 100

165 98.1 79.1 118.7

167 14.4 11.4 17.0



#15

Phenanthrene

Concen: 0.119 ng/ul

RT: 17.603 min Scan# 3250

Delta R.T. 0.093 min

Lab File: BN027040.D

Acq: 22 Aug 2023 23:51

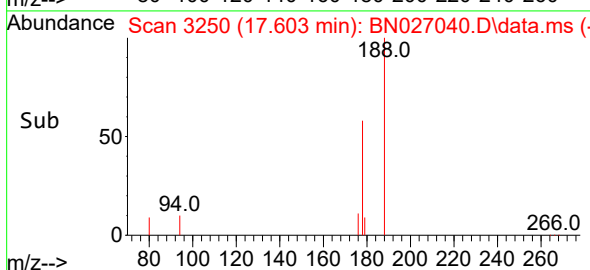
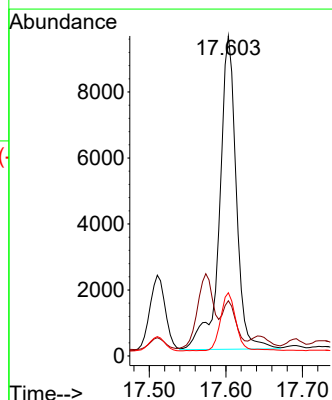
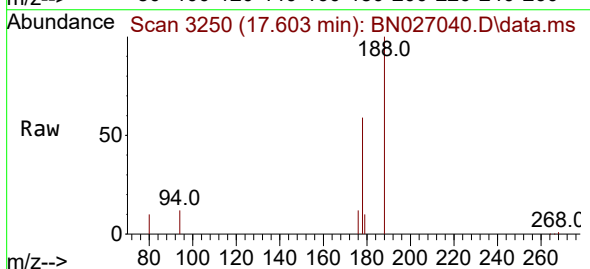
Tgt Ion:178 Resp: 14454

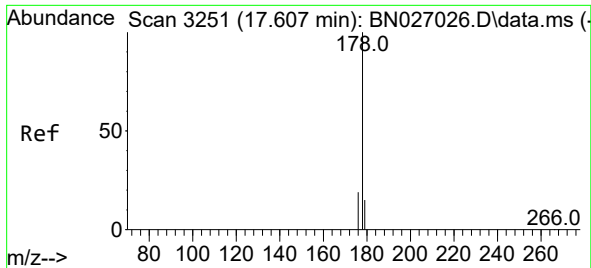
Ion Ratio Lower Upper

178 100

179 17.3 12.6 18.8

176 19.7 15.4 23.2

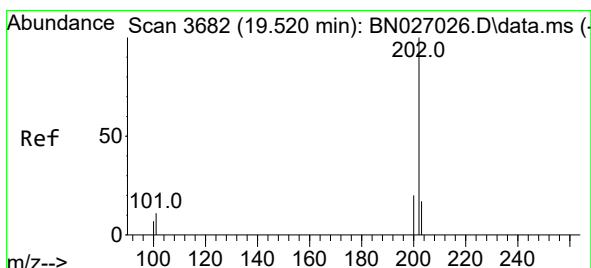
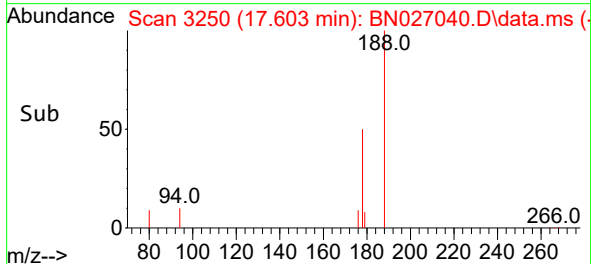
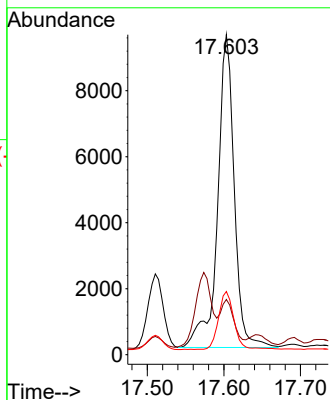
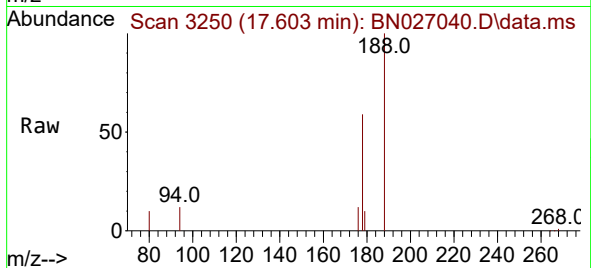




#16
 Anthracene
 Concen: 0.130 ng/ul
 RT: 17.603 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN027040.D
 Acq: 22 Aug 2023 23:51

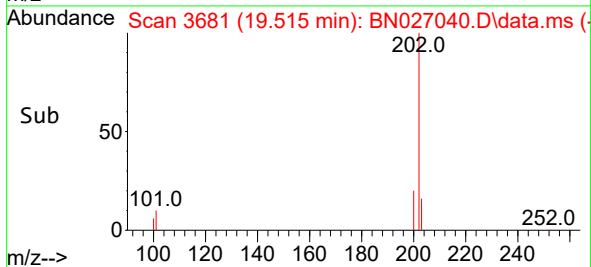
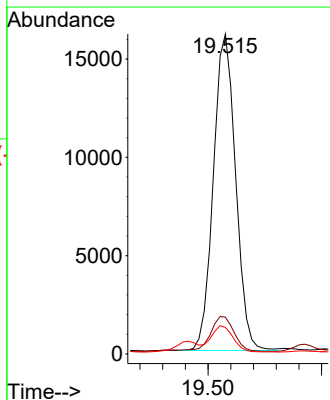
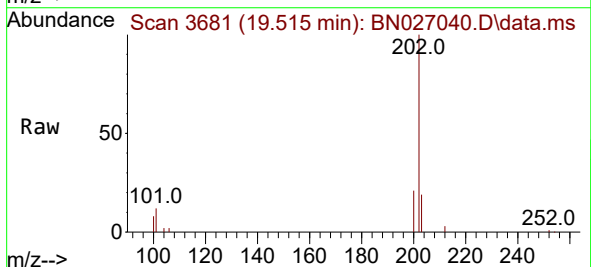
Instrument :
 BNA_N
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 BH9K0

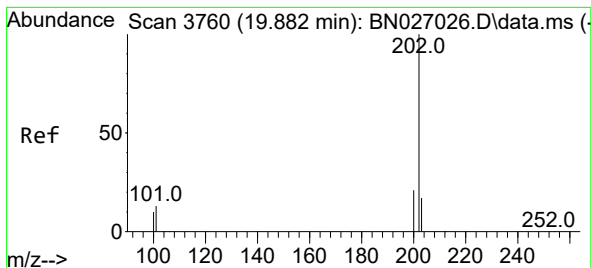
Tgt Ion:	178	Resp:	14328
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.6	19.0
176	19.7	15.0	22.6



#19
 Fluoranthene
 Concen: 0.209 ng/ul
 RT: 19.515 min Scan# 3681
 Delta R.T. -0.000 min
 Lab File: BN027040.D
 Acq: 22 Aug 2023 23:51

Tgt Ion:	202	Resp:	21892
Ion Ratio	Lower	Upper	
202	100		
101	11.5	8.3	12.5
100	8.3	6.2	9.2





#20

Pyrene

Concen: 0.344 ng/ul

RT: 19.882 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN027040.D

Acq: 22 Aug 2023 23:51

Instrument :

BNA_N

ClientSampleId :

BH9K0

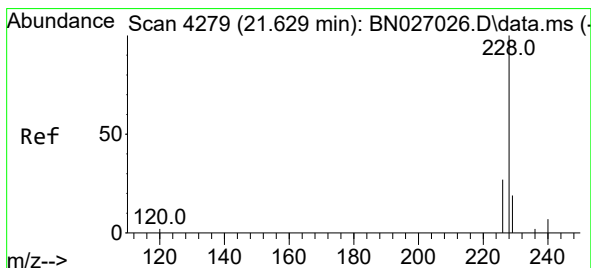
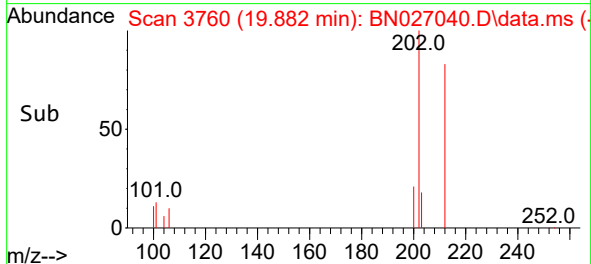
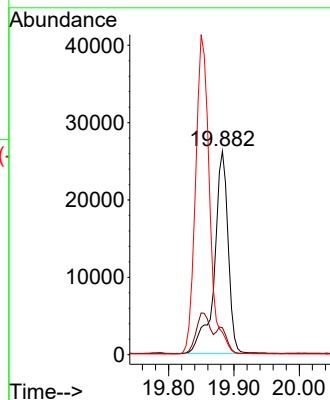
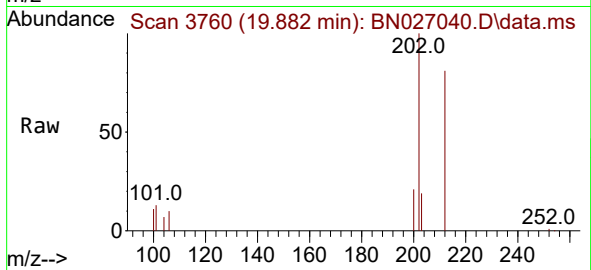
Tgt Ion:202 Resp: 38403

Ion Ratio Lower Upper

202 100

101 13.3 10.7 16.1

100 11.0 8.5 12.7



#21

Benzo(a)anthracene

Concen: 0.040 ng/ul

RT: 21.621 min Scan# 4276

Delta R.T. -0.000 min

Lab File: BN027040.D

Acq: 22 Aug 2023 23:51

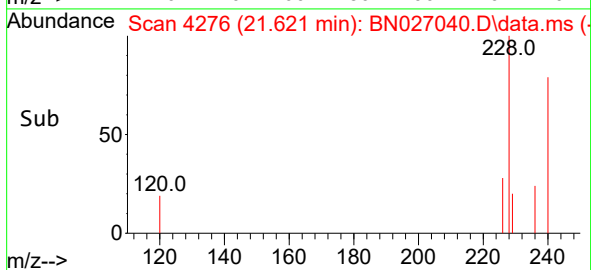
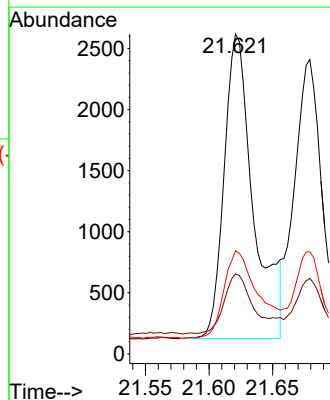
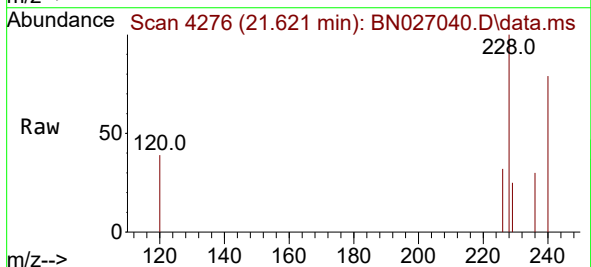
Tgt Ion:228 Resp: 3999

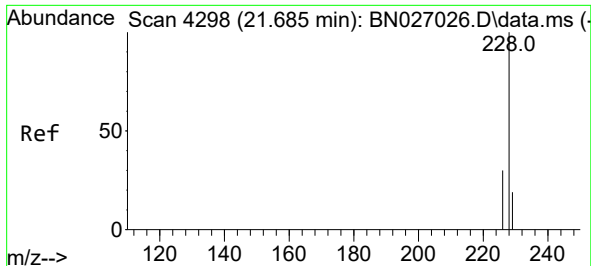
Ion Ratio Lower Upper

228 100

229 25.0 16.0 24.0#

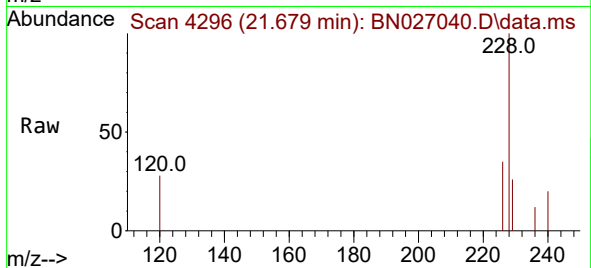
226 32.2 22.2 33.2



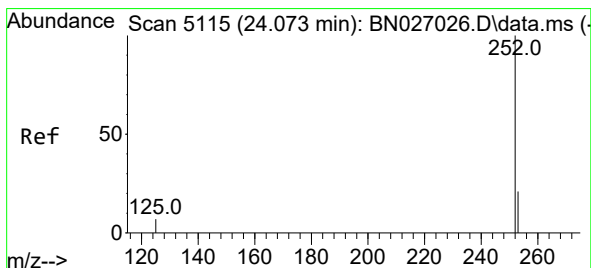
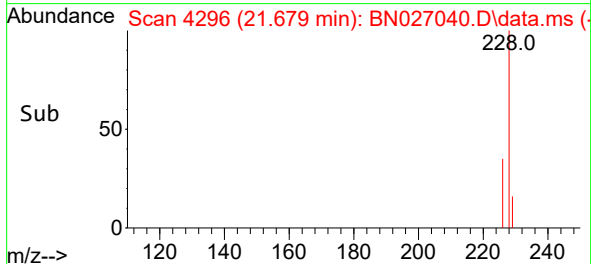
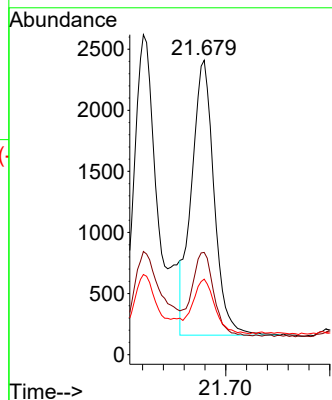


#22
Chrysene
Concen: 0.034 ng/ul
RT: 21.679 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN027040.D
Acq: 22 Aug 2023 23:51

Instrument :
BNA_N
ClientSampleId :
BH9K0



Tgt Ion:228 Resp: 3384
Ion Ratio Lower Upper
228 100
226 34.7 24.6 36.8
229 25.6 15.8 23.6#



#26
Benzo(a)pyrene
Concen: 0.115 ng/ul
RT: 24.015 min Scan# 5095
Delta R.T. -0.047 min
Lab File: BN027040.D
Acq: 22 Aug 2023 23:51

Tgt Ion:252 Resp: 9567
Ion Ratio Lower Upper
252 100
253 43.9 19.0 28.6#
125 41.9 11.4 17.0#

