

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
 Data File : BN026473.D
 Acq On : 11 Jul 2023 21:27
 Operator : MA/JU
 Sample : 03414-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 12 02:13:48 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 : Sun Jul 09 15:51:14 2023
 Response via : Initial Calibration

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

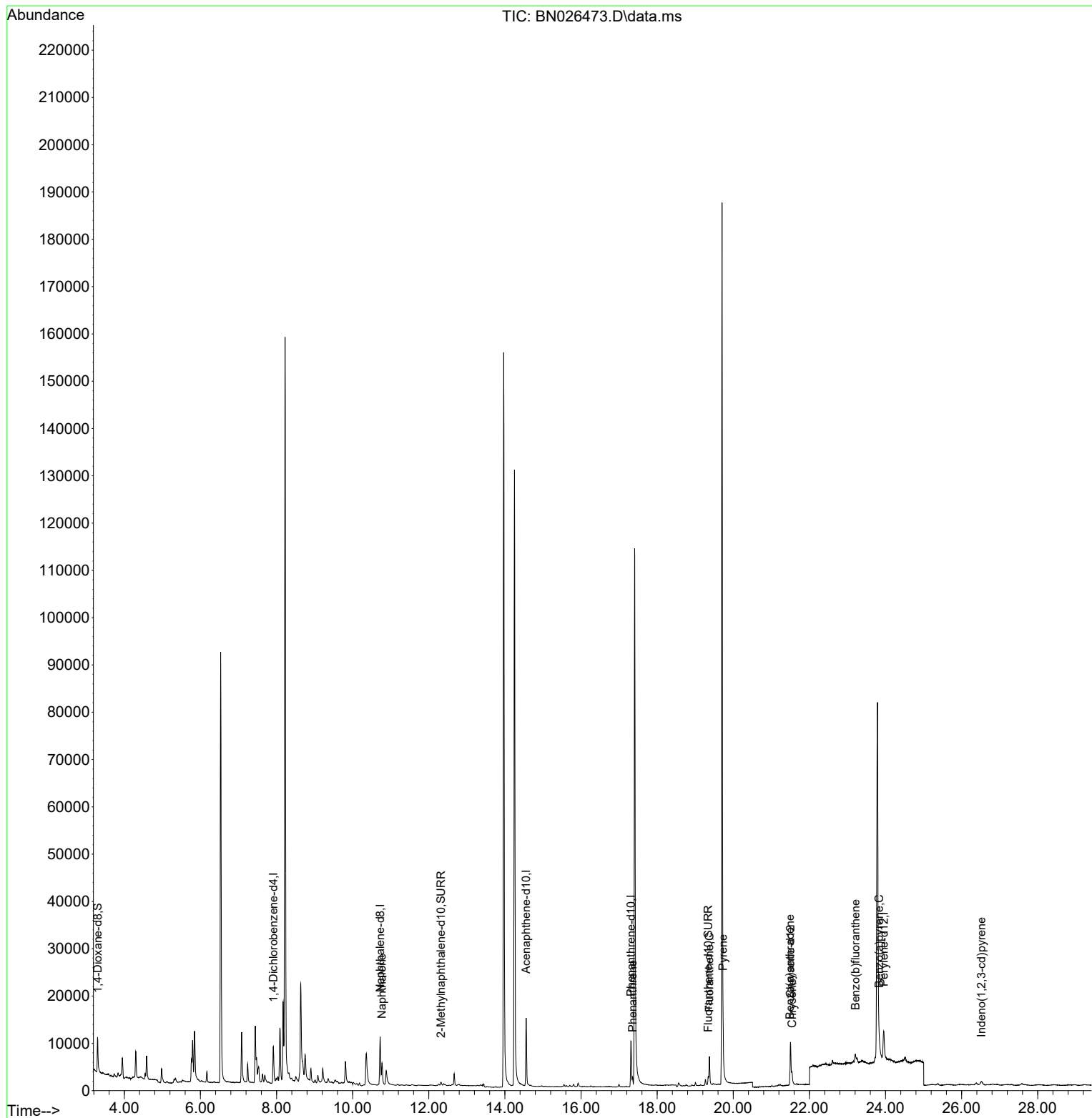
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	4957	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.721	136	16321	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.557	164	8669	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	13230	0.400	ng/ul	-0.02
17) Chrysene-d12	21.503	240	9670	0.400	ng/ul	-0.01
23) Perylene-d12	23.953	264	9948	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	5346	0.958	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	1312	0.052	ng/ul	-0.01
18) Fluoranthene-d10	19.341	212	2125	0.058	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	7290	0.156	ng/ul	96
15) Phenanthrene	17.352	178	2071	0.047	ng/ul#	82
19) Fluoranthene	19.374	202	5816	0.113	ng/ul	98
20) Pyrene	19.731	202	5293	0.099	ng/ul#	91
21) Benzo(a)anthracene	21.492	228	2381	0.060	ng/ul#	84
22) Chrysene	21.544	228	2485	0.060	ng/ul#	86
24) Benzo(b)fluoranthene	23.208	252	5524	0.130	ng/ul#	33
26) Benzo(a)pyrene	23.833	252	1768	0.048	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.518	276	1700	0.042	ng/ul#	82

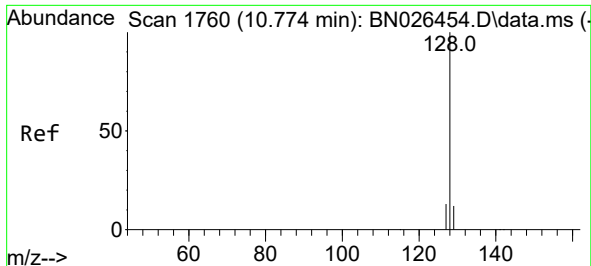
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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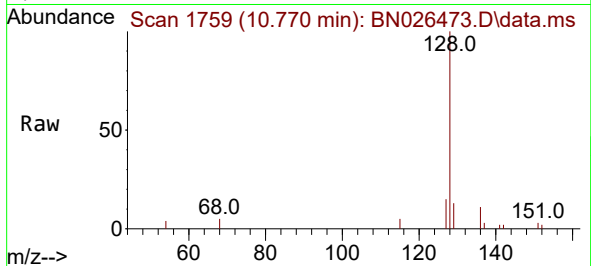
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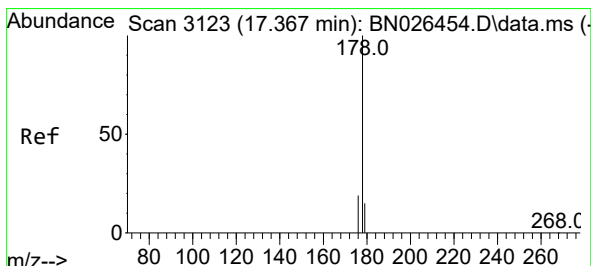
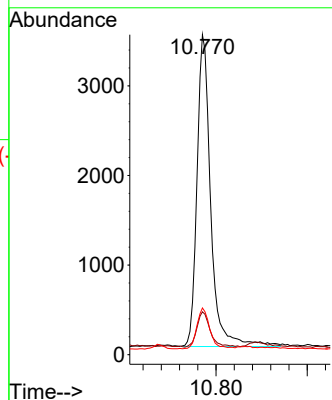
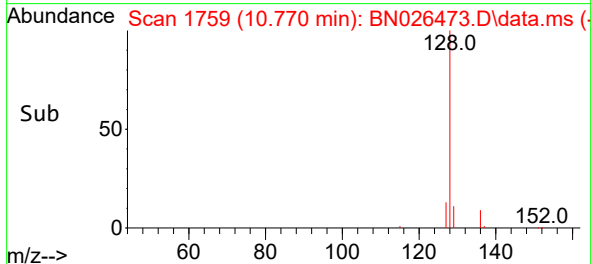


#5
Naphthalene
Concen: 0.156 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. -0.016 min
Lab File: BN026473.D
Acq: 11 Jul 2023 21:27

Instrument :
BNA_N
ClientSampleId :

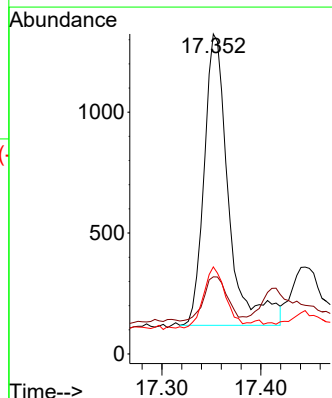
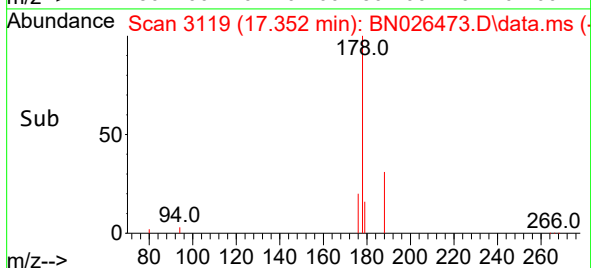
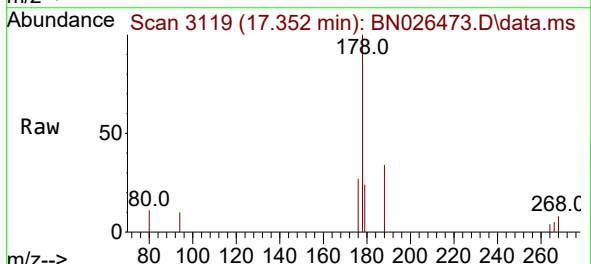


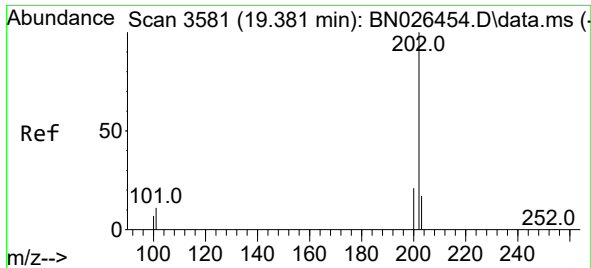
Tgt Ion:128 Resp: 7290
Ion Ratio Lower Upper
128 100
129 13.4 9.1 13.7
127 14.6 10.7 16.1



#15
Phenanthrene
Concen: 0.047 ng/ul
RT: 17.352 min Scan# 3119
Delta R.T. -0.016 min
Lab File: BN026473.D
Acq: 11 Jul 2023 21:27

Tgt Ion:178 Resp: 2071
Ion Ratio Lower Upper
178 100
179 24.1 12.6 19.0#
176 27.2 15.8 23.6#

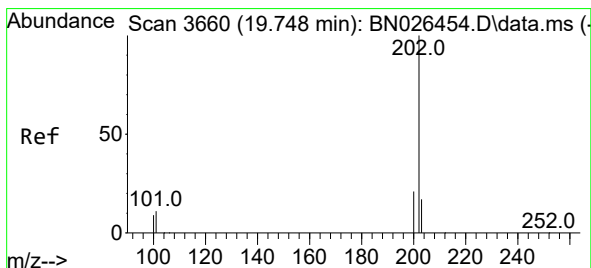
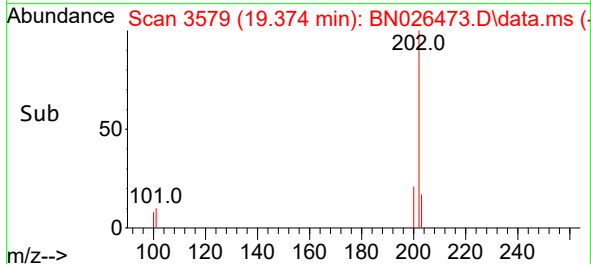
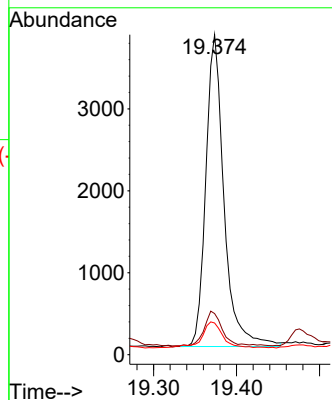
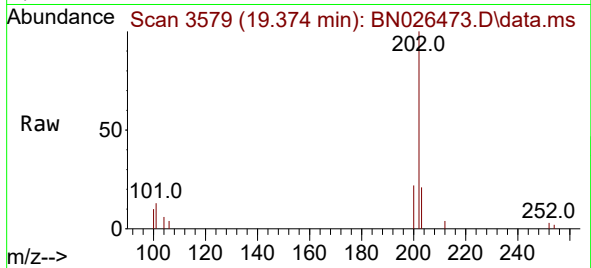




#19
Fluoranthene
Concen: 0.113 ng/ul
RT: 19.374 min Scan# 3579
Delta R.T. -0.013 min
Lab File: BN026473.D
Acq: 11 Jul 2023 21:27

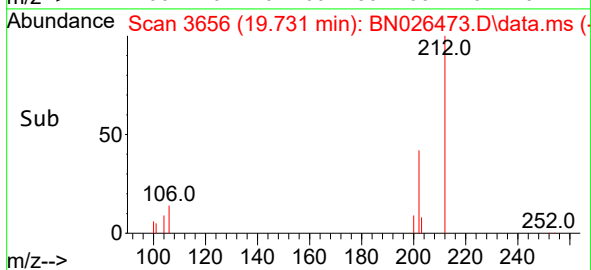
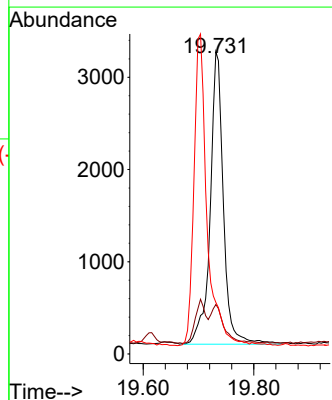
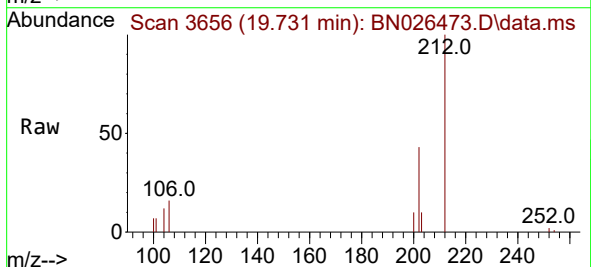
Instrument :
BNA_N
ClientSampleId :

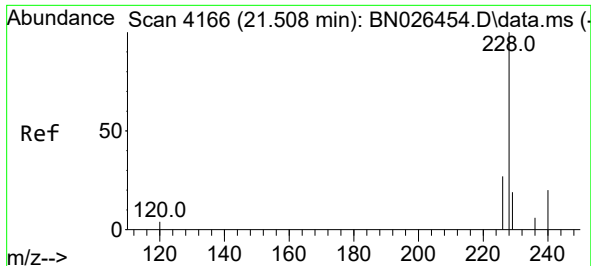
Tgt Ion:202 Resp: 5816
Ion Ratio Lower Upper
202 100
101 12.9 9.5 14.3
100 9.9 7.3 10.9



#20
Pyrene
Concen: 0.099 ng/ul
RT: 19.731 min Scan# 3656
Delta R.T. -0.018 min
Lab File: BN026473.D
Acq: 11 Jul 2023 21:27

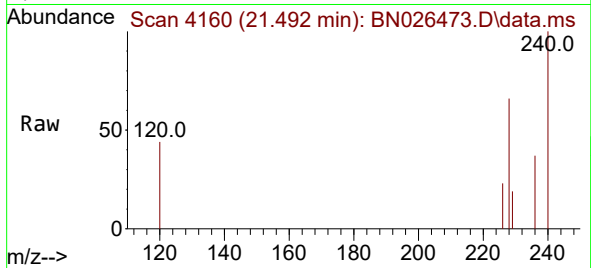
Tgt Ion:202 Resp: 5293
Ion Ratio Lower Upper
202 100
101 16.4 11.4 17.0
100 17.0 9.1 13.7#



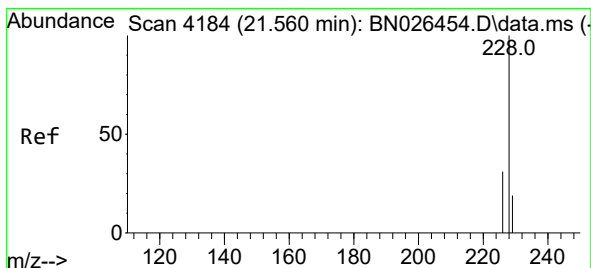
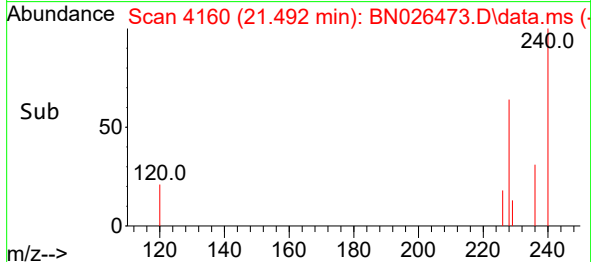
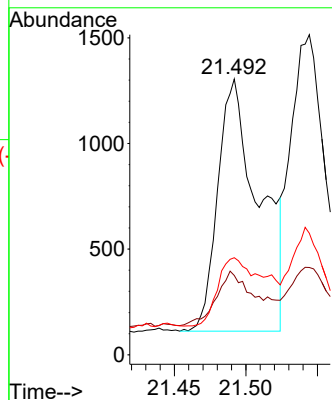


#21
Benzo(a)anthracene
Concen: 0.060 ng/ul
RT: 21.492 min Scan# 4160
Delta R.T. -0.008 min
Lab File: BN026473.D
Acq: 11 Jul 2023 21:27

Instrument :
BNA_N
ClientSampleId :

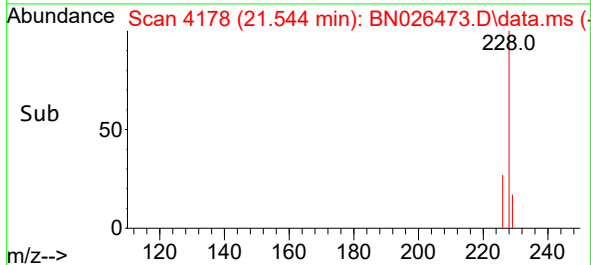
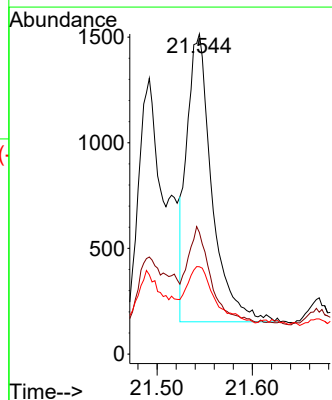
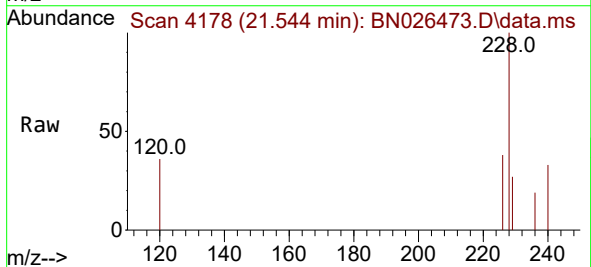


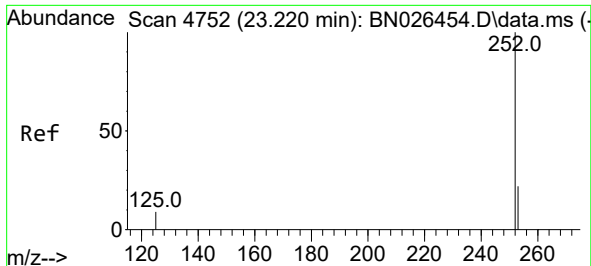
Tgt Ion:228 Resp: 2381
Ion Ratio Lower Upper
228 100
229 28.7 15.8 23.6#
226 35.2 22.5 33.7#



#22
Chrysene
Concen: 0.060 ng/ul
RT: 21.544 min Scan# 4178
Delta R.T. -0.008 min
Lab File: BN026473.D
Acq: 11 Jul 2023 21:27

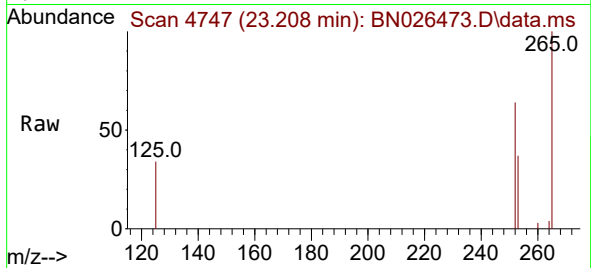
Tgt Ion:228 Resp: 2485
Ion Ratio Lower Upper
228 100
226 38.0 24.8 37.2#
229 27.3 15.7 23.5#



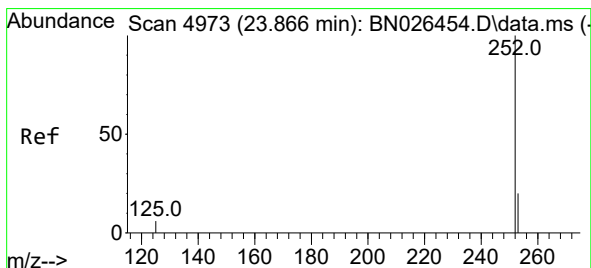
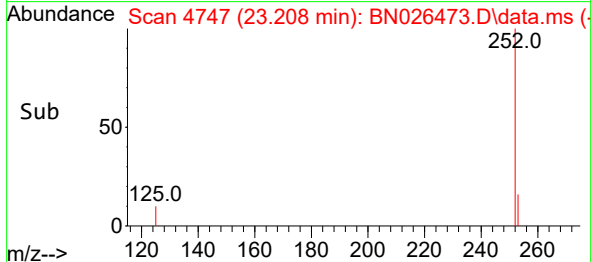
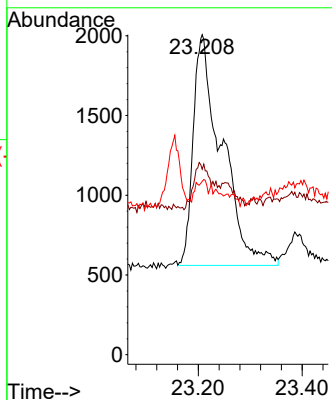


#24
Benzo(b)fluoranthene
Concen: 0.130 ng/ul
RT: 23.208 min Scan# 41
Delta R.T. -0.011 min
Lab File: BN026473.D
Acq: 11 Jul 2023 21:27

Instrument :
BNA_N
ClientSampleId :

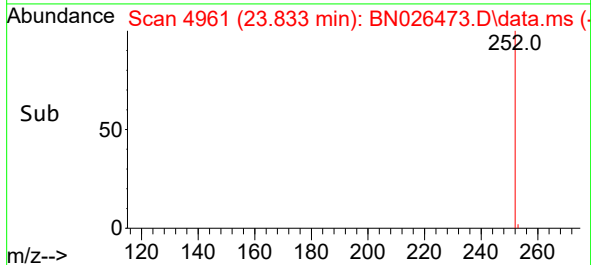
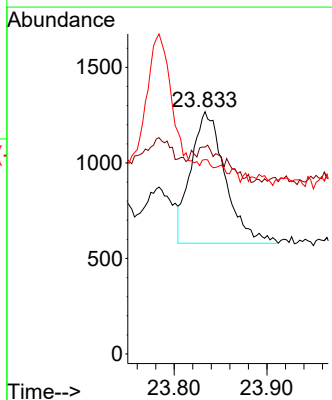
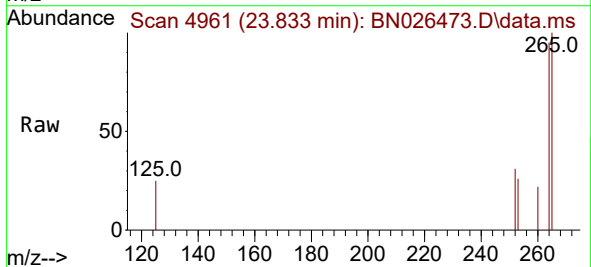


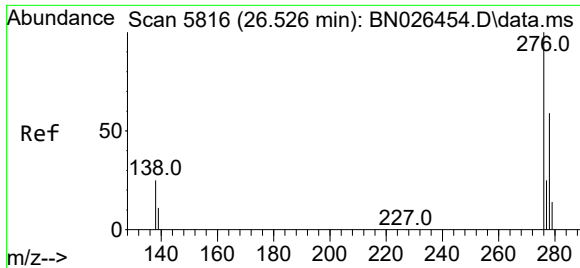
Tgt Ion:252 Resp: 5524
Ion Ratio Lower Upper
252 100
253 57.9 0.0 55.6#
125 54.2 0.0 35.8#



#26
Benzo(a)pyrene
Concen: 0.048 ng/ul
RT: 23.833 min Scan# 4961
Delta R.T. -0.037 min
Lab File: BN026473.D
Acq: 11 Jul 2023 21:27

Tgt Ion:252 Resp: 1768
Ion Ratio Lower Upper
252 100
253 85.4 26.0 39.0#
125 80.3 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.042 ng/ul

RT: 26.518 min Scan# 5813

Delta R.T. -0.023 min

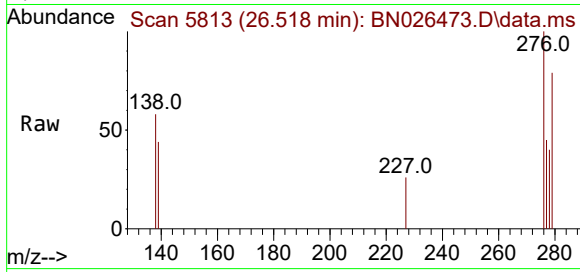
Lab File: BN026473.D

Acq: 11 Jul 2023 21:27

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:276 Resp: 1700

Ion Ratio Lower Upper

276 100

138 20.5 24.5 36.7#

227 0.4 0.0 0.0#

