

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062623\
 Data File : BN026021.D
 Acq On : 26 Jun 2023 11:30
 Operator : MA/JU
 Sample : 03085-09RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFP5RE

Quant Time: Jun 27 01:37:44 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

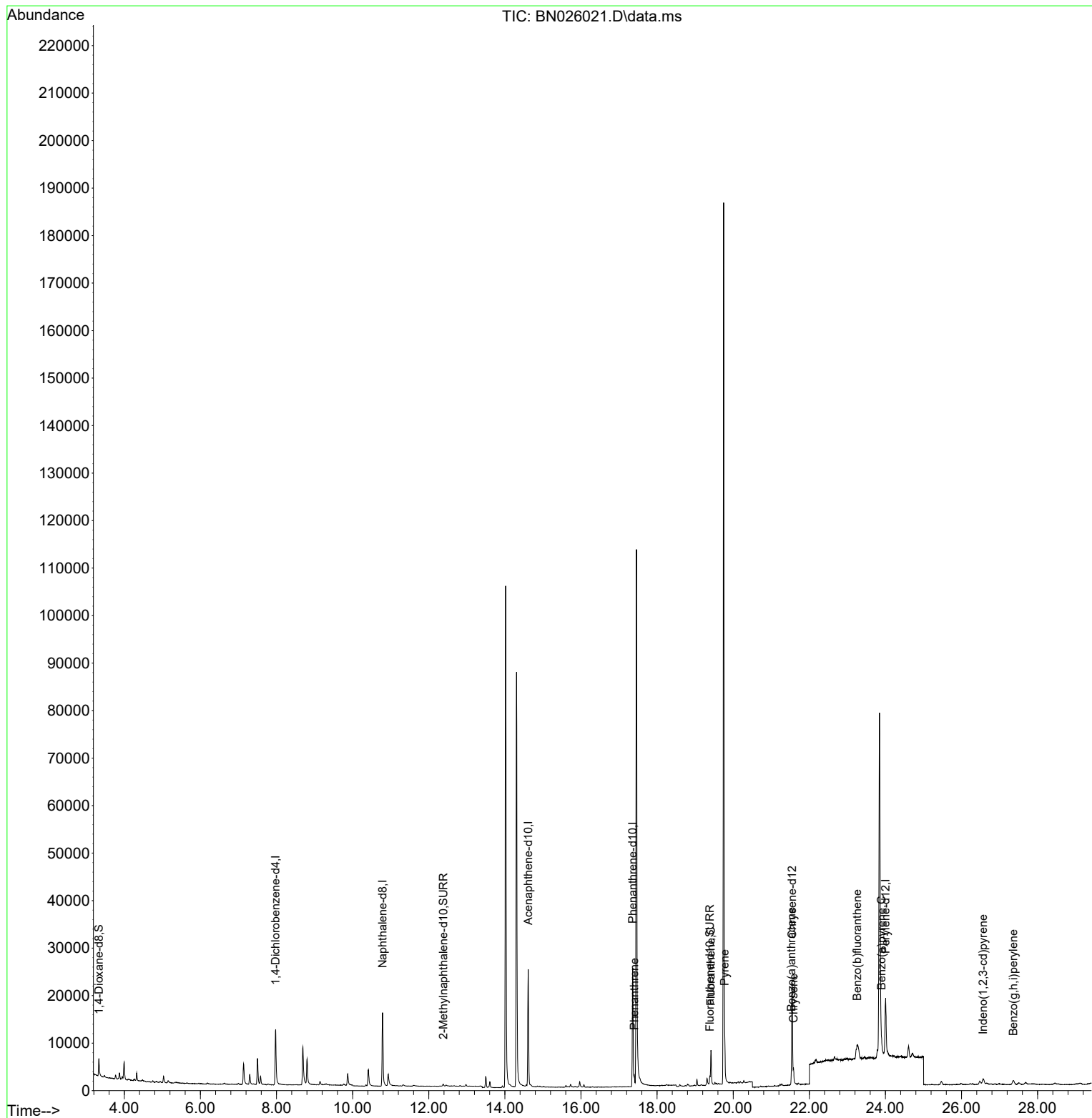
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	7514	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	24008	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.612	164	14607	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	31591	0.400	ng/ul	0.00
17) Chrysene-d12	21.549	240	20988	0.400	ng/ul	0.00
23) Perylene-d12	24.005	264	18697	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	2736	0.323	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	775	0.021	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	1969	0.025	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.402	178	2268	0.022	ng/ul#	86
19) Fluoranthene	19.414	202	6705	0.060	ng/ul#	94
20) Pyrene	19.777	202	6342	0.054	ng/ul	96
21) Benzo(a)anthracene	21.532	228	2656	0.031	ng/ul#	87
22) Chrysene	21.584	228	3519	0.039	ng/ul#	89
24) Benzo(b)fluoranthene	23.256	252	7103	0.089	ng/ul#	39
26) Benzo(a)pyrene	23.894	252	2738	0.040	ng/ul#	20
27) Indeno(1,2,3-cd)pyrene	26.568	276	2444	0.032	ng/ul#	85
29) Benzo(g,h,i)perylene	27.362	276	2234	0.033	ng/ul#	66

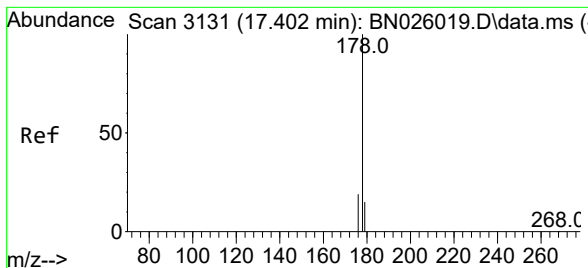
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Phenanthrene

Concen: 0.022 ng/ul

RT: 17.402 min Scan# 3131

Delta R.T. -0.004 min

Lab File: BN026021.D

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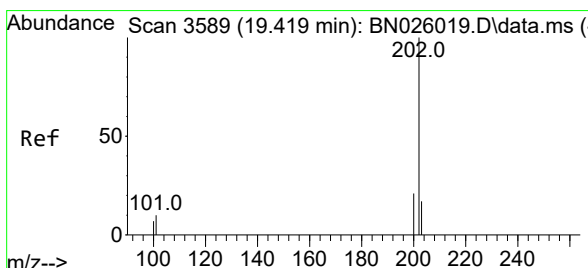
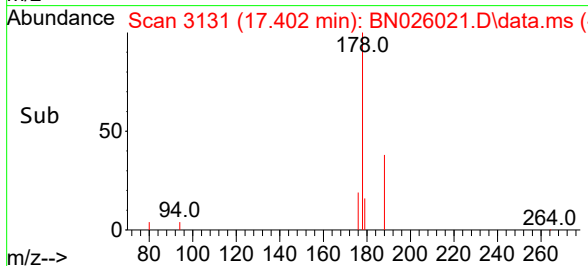
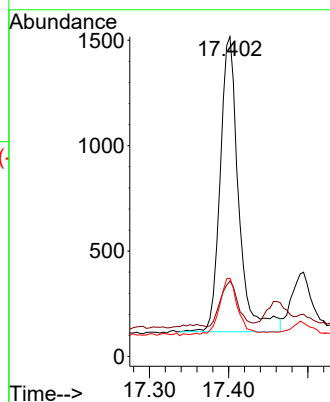
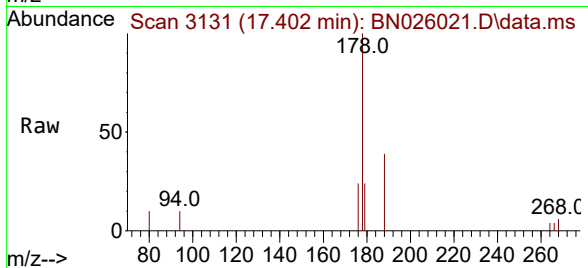
Tgt Ion:178 Resp: 2268

Ion Ratio Lower Upper

178 100

179 23.7 12.6 19.0#

176 24.5 15.8 23.6#



#19

Fluoranthene

Concen: 0.060 ng/ul

RT: 19.414 min Scan# 3588

Delta R.T. -0.005 min

Lab File: BN026021.D

Acq: 26 Jun 2023 11:30

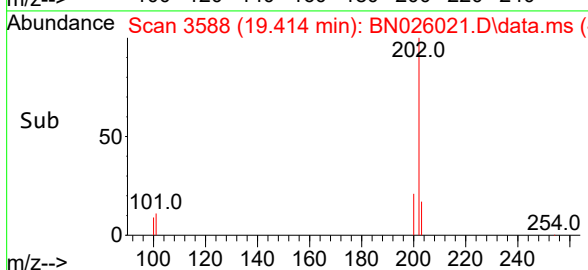
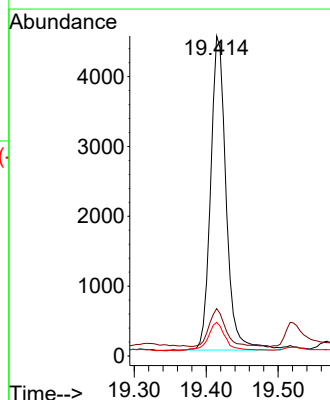
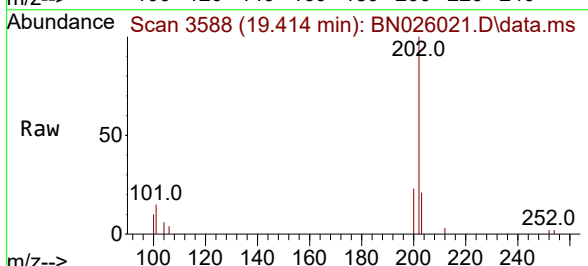
Tgt Ion:202 Resp: 6705

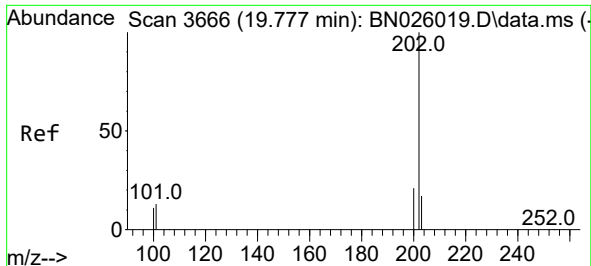
Ion Ratio Lower Upper

202 100

101 14.8 9.5 14.3#

100 10.5 7.3 10.9

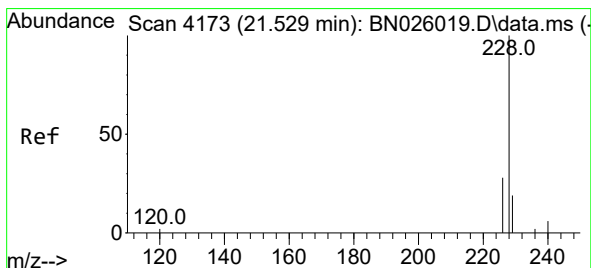
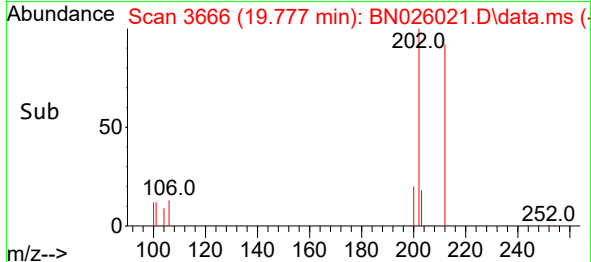
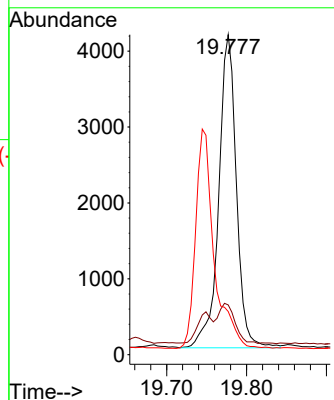
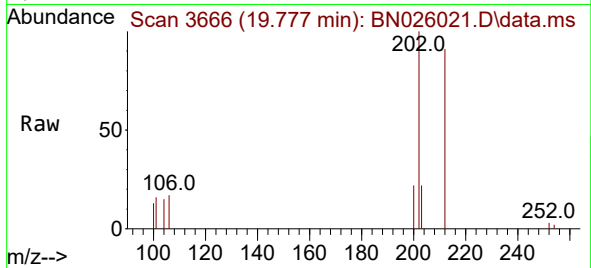




#20
Pyrene
Concen: 0.054 ng/ul
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN026021.D
Acq: 26 Jun 2023 11:30

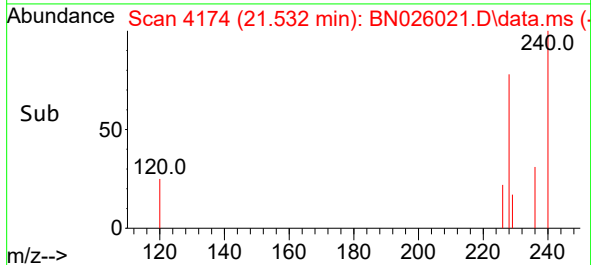
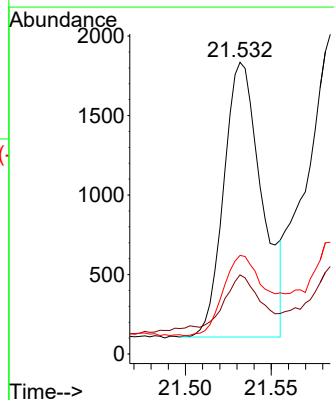
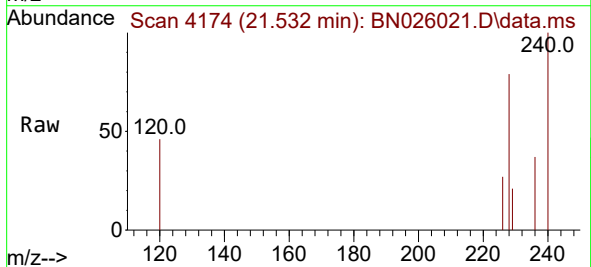
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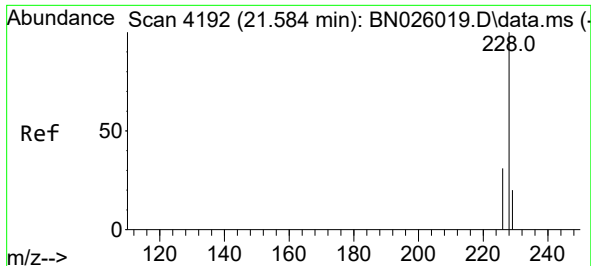
Tgt Ion:202 Resp: 6342
Ion Ratio Lower Upper
202 100
101 15.6 11.4 17.0
100 13.5 9.1 13.7



#21
Benzo(a)anthracene
Concen: 0.031 ng/ul
RT: 21.532 min Scan# 4174
Delta R.T. -0.000 min
Lab File: BN026021.D
Acq: 26 Jun 2023 11:30

Tgt Ion:228 Resp: 2656
Ion Ratio Lower Upper
228 100
229 27.1 15.8 23.6#
226 33.8 22.5 33.7#





#22

Chrysene

Concen: 0.039 ng/ul

RT: 21.584 min Scan# 4192

Delta R.T. -0.000 min

Lab File: BN026021.D

Acq: 26 Jun 2023 11:30

Instrument :

BNA_N

ClientSampleId :

DCFP5RE

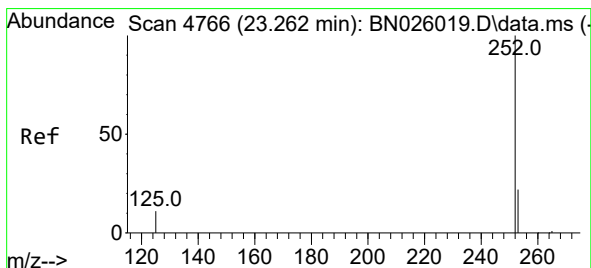
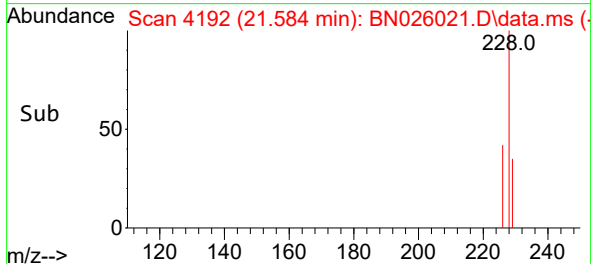
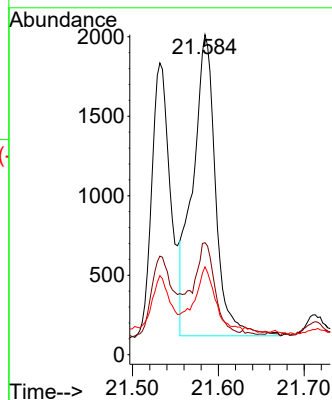
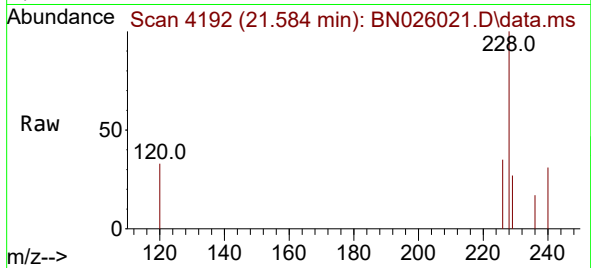
Tgt Ion:228 Resp: 3519

Ion Ratio Lower Upper

228 100

226 35.0 24.8 37.2

229 27.5 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 0.089 ng/ul

RT: 23.256 min Scan# 4764

Delta R.T. -0.000 min

Lab File: BN026021.D

Acq: 26 Jun 2023 11:30

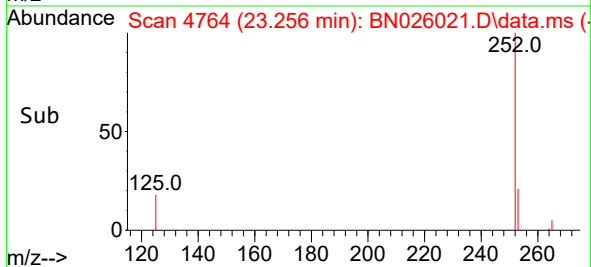
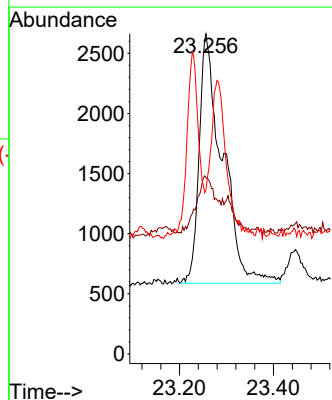
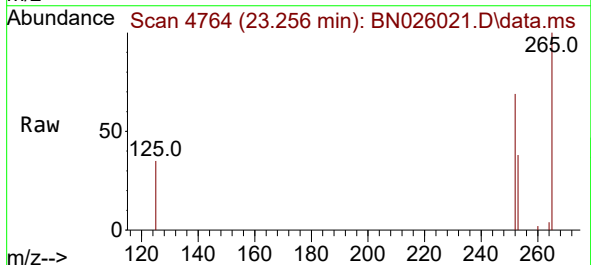
Tgt Ion:252 Resp: 7103

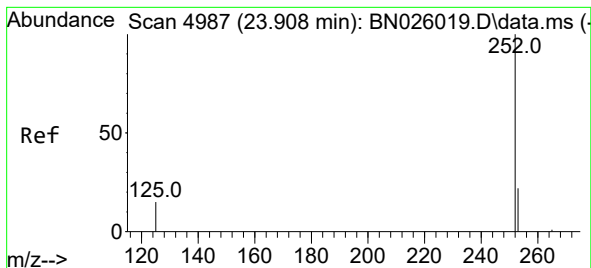
Ion Ratio Lower Upper

252 100

253 55.0 0.0 55.6

125 51.2 0.0 35.8#





#26

Benzo(a)pyrene

Concen: 0.040 ng/ul

RT: 23.894 min Scan# 4987

Delta R.T. -0.015 min

Lab File: BN026021.D

Acq: 26 Jun 2023 11:30

Instrument :

BNA_N

ClientSampleId :

DCFP5RE

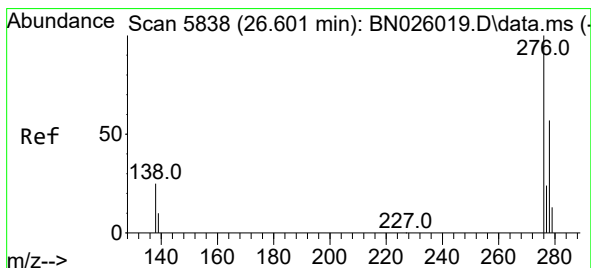
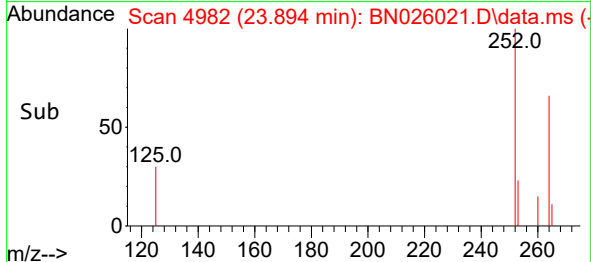
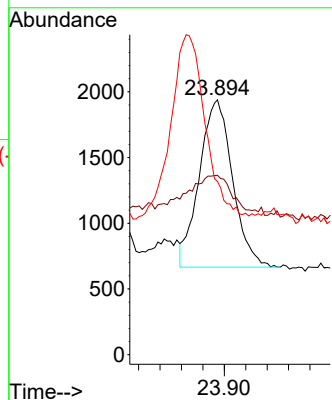
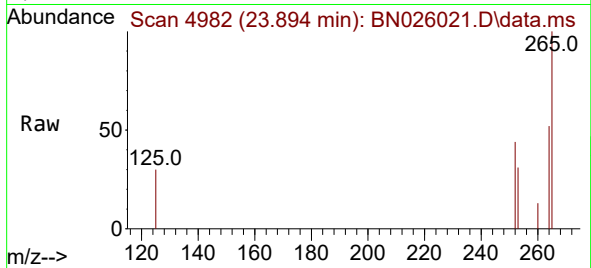
Tgt Ion:252 Resp: 2738

Ion Ratio Lower Upper

252 100

253 70.4 26.0 39.0#

125 68.0 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.032 ng/ul

RT: 26.568 min Scan# 5828

Delta R.T. -0.027 min

Lab File: BN026021.D

Acq: 26 Jun 2023 11:30

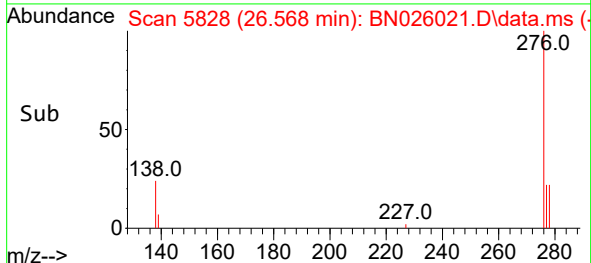
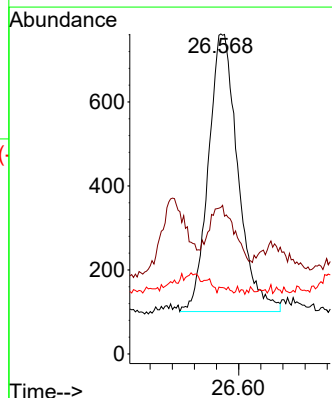
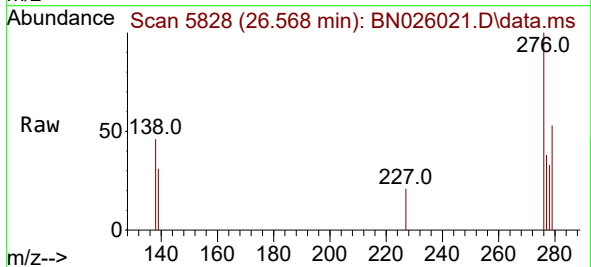
Tgt Ion:276 Resp: 2444

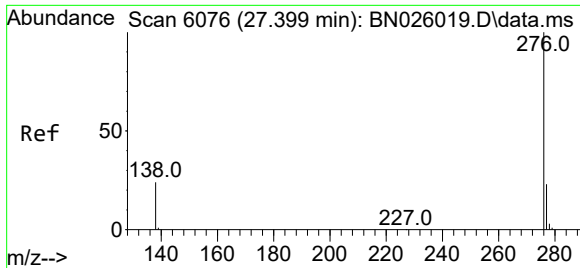
Ion Ratio Lower Upper

276 100

138 22.2 24.5 36.7#

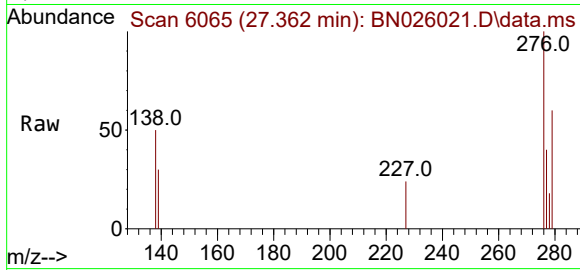
227 0.7 0.0 0.0#





#29
Benzo(g,h,i)perylene
Concen: 0.033 ng/ul
RT: 27.362 min Scan# 6076
Delta R.T. -0.024 min
Lab File: BN026021.D
Acq: 26 Jun 2023 11:30

Instrument :
BNA_N
ClientSampleId :
DCFP5RE



Tgt Ion:276 Resp: 2234
Ion Ratio Lower Upper
276 100
138 49.8 23.4 35.0#
277 39.9 20.0 30.0#

