

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062623\
 Data File : BN026027.D
 Acq On : 26 Jun 2023 15:09
 Operator : MA/JU
 Sample : 03085-15DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ1DL

Quant Time: Jun 27 01:38:39 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)

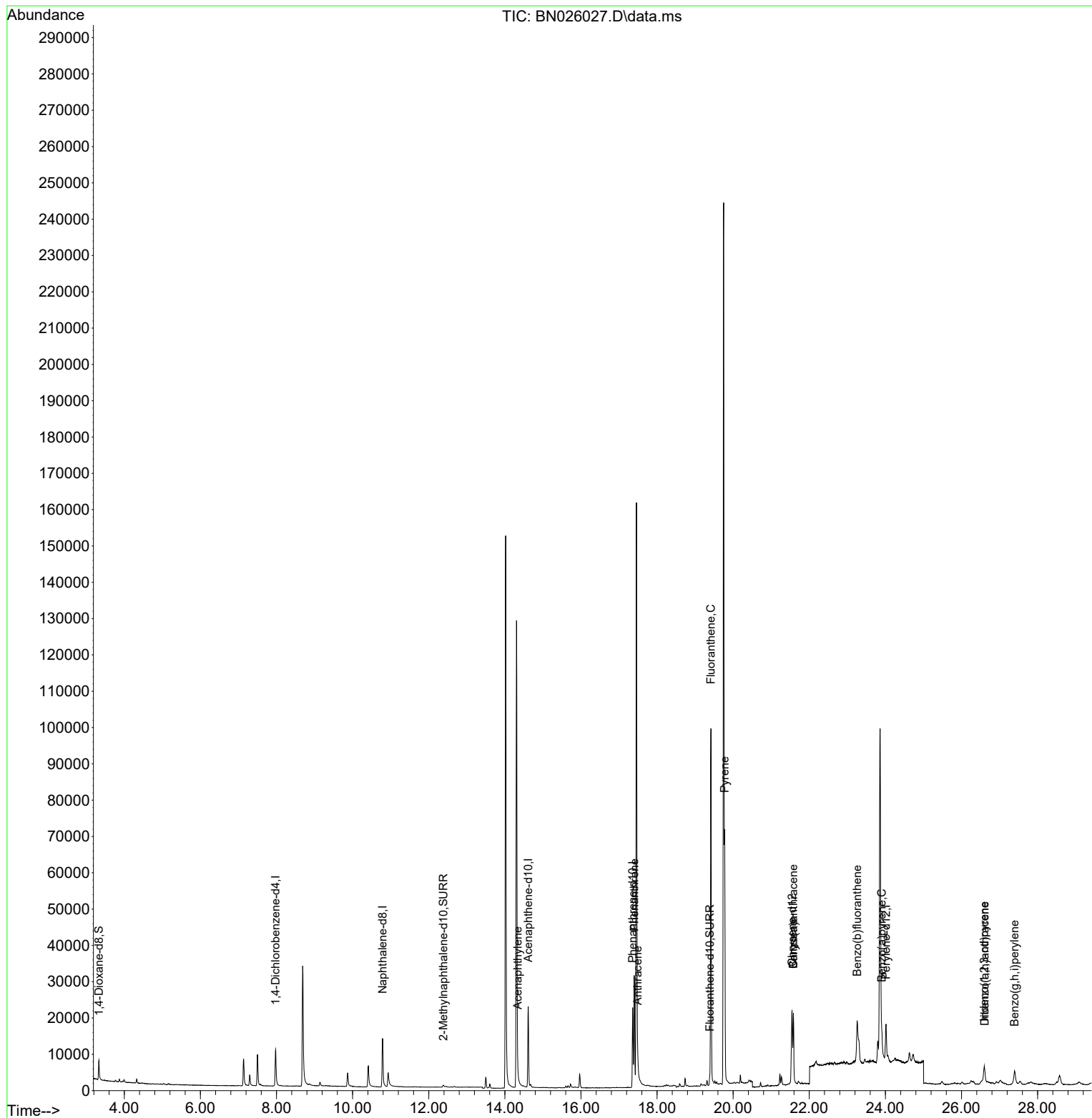
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	6631	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	21315	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.613	164	13018	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	27366	0.400	ng/ul	0.00
17) Chrysene-d12	21.547	240	16604	0.400	ng/ul	0.00
23) Perylene-d12	24.017	264	14772	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	3712	0.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	1095	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.383	212	2597	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.335	152	1952	0.032	ng/ul#	87
15) Phenanthrene	17.402	178	35506	0.393	ng/ul	100
16) Anthracene	17.491	178	2717	0.034	ng/ul#	81
19) Fluoranthene	19.415	202	87261	0.984	ng/ul	97
20) Pyrene	19.778	202	55511	0.602	ng/ul	96
21) Benzo(a)anthracene	21.582	228	23029	0.336	ng/ul	93
22) Chrysene	21.582	228	22731	0.319	ng/ul	96
24) Benzo(b)fluoranthene	23.260	252	27846	0.442	ng/ul	86
26) Benzo(a)pyrene	23.903	252	8394	0.153	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	26.599	276	8832	0.148	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.612	278	2104	0.046	ng/ul#	20
29) Benzo(g,h,i)perylene	27.393	276	8104	0.152	ng/ul#	87

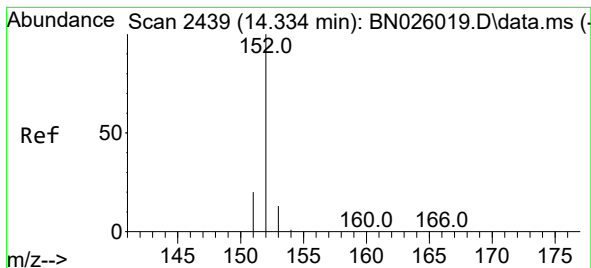
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062623\
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QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#10

Acenaphthylene

Concen: 0.032 ng/ul

RT: 14.335 min Scan# 2439

Delta R.T. -0.009 min

Lab File: BN026027.D

Acq: 26 Jun 2023 15:09

Instrument :

BNA_N

ClientSampleId :

DCFQ1DL

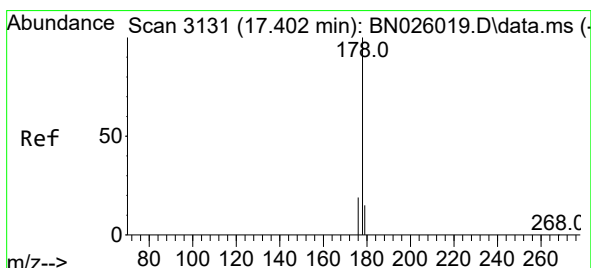
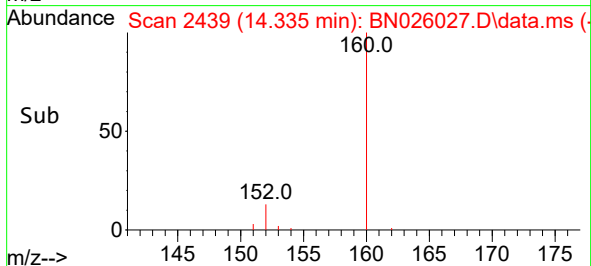
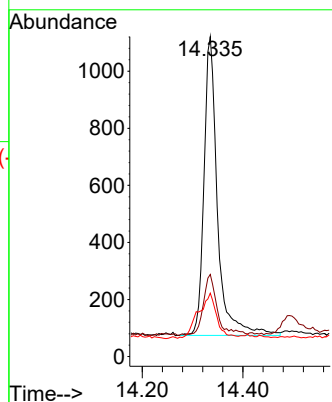
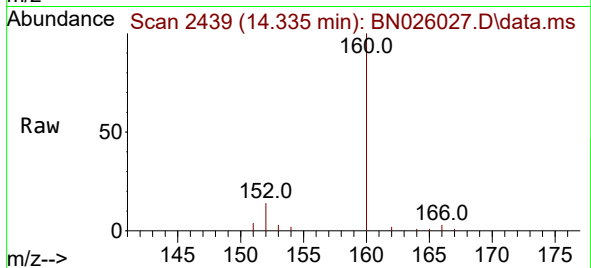
Tgt Ion:152 Resp: 1952

Ion Ratio Lower Upper

152 100

151 25.7 16.2 24.4#

153 19.8 10.9 16.3#



#15

Phenanthrene

Concen: 0.393 ng/ul

RT: 17.402 min Scan# 3131

Delta R.T. -0.004 min

Lab File: BN026027.D

Acq: 26 Jun 2023 15:09

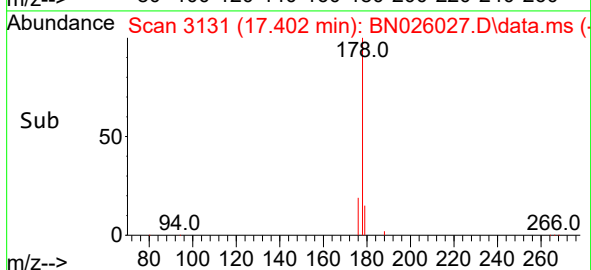
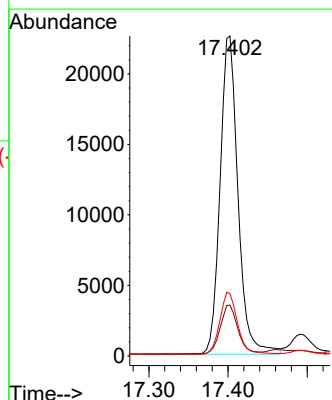
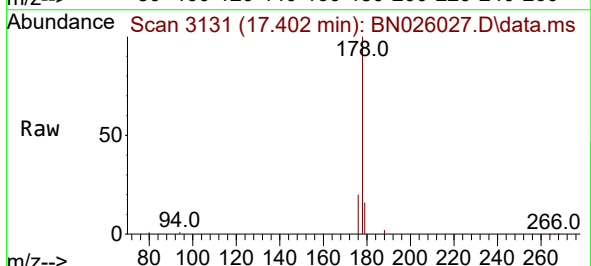
Tgt Ion:178 Resp: 35506

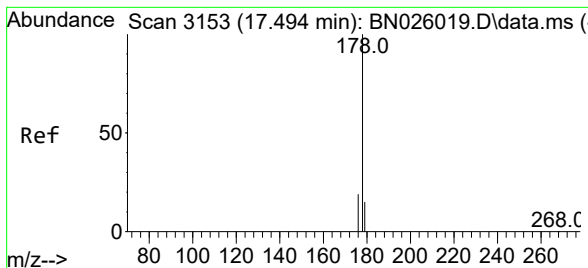
Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

176 19.5 15.8 23.6





#16

Anthracene

Concen: 0.034 ng/ul

RT: 17.491 min Scan# 3153

Delta R.T. -0.008 min

Lab File: BN026027.D

Acq: 26 Jun 2023 15:09

Instrument :

BNA_N

ClientSampleId :

DCFQ1DL

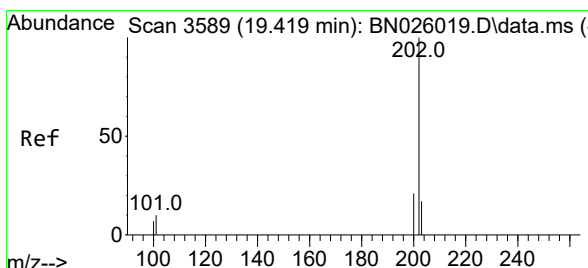
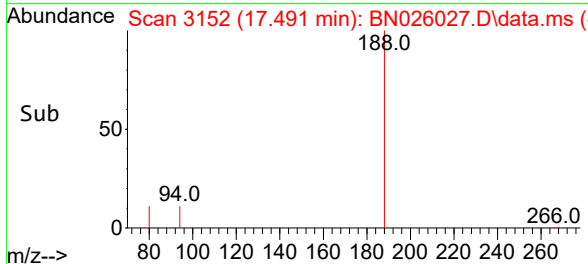
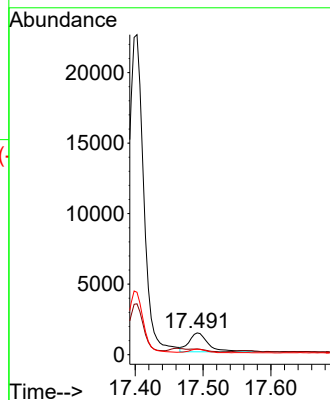
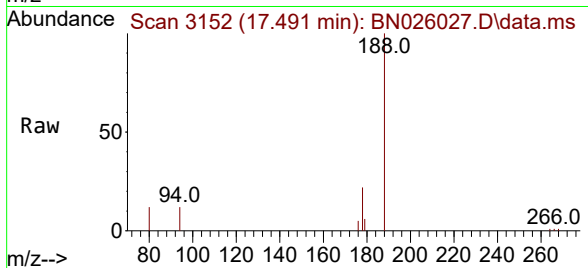
Tgt Ion:178 Resp: 2717

Ion Ratio Lower Upper

178 100

179 26.2 12.6 18.8#

176 25.0 15.1 22.7#



#19

Fluoranthene

Concen: 0.984 ng/ul

RT: 19.415 min Scan# 3588

Delta R.T. -0.004 min

Lab File: BN026027.D

Acq: 26 Jun 2023 15:09

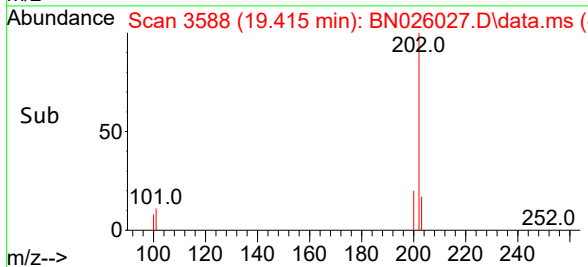
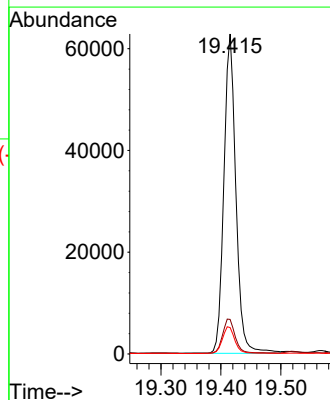
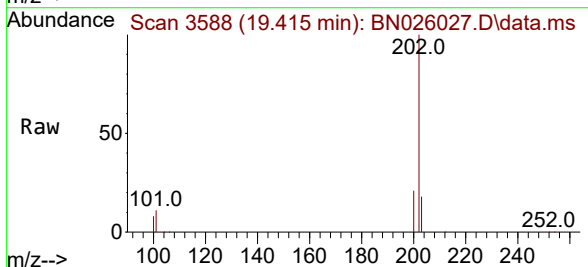
Tgt Ion:202 Resp: 87261

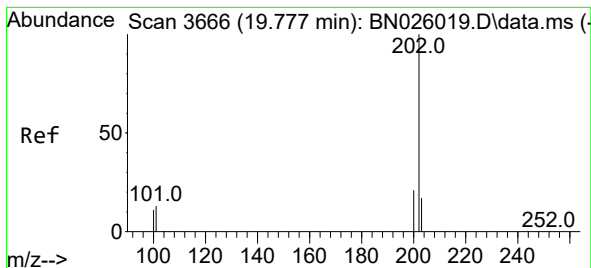
Ion Ratio Lower Upper

202 100

101 10.8 9.5 14.3

100 8.2 7.3 10.9





#20

Pyrene

Concen: 0.602 ng/ul

RT: 19.778 min Scan# 30

Delta R.T. -0.004 min

Lab File: BN026027.D

Acq: 26 Jun 2023 15:09

Instrument :

BNA_N

ClientSampleId :

DCFQ1DL

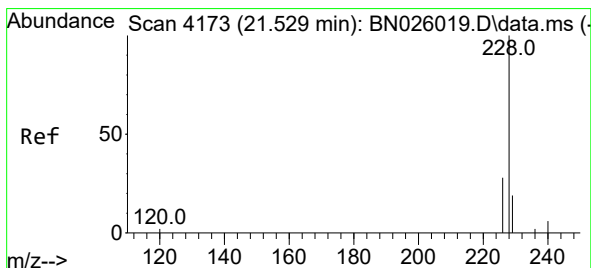
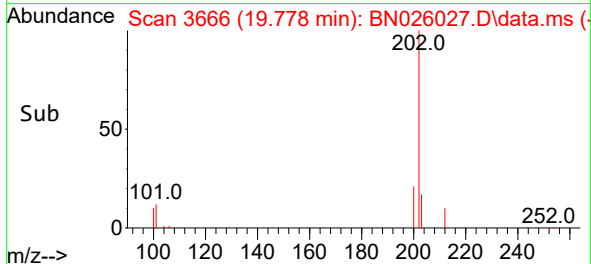
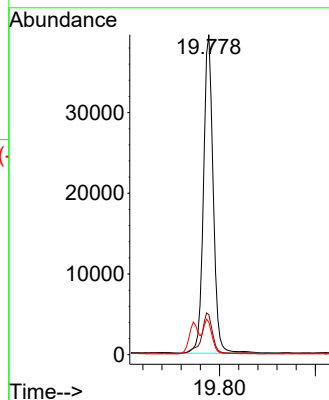
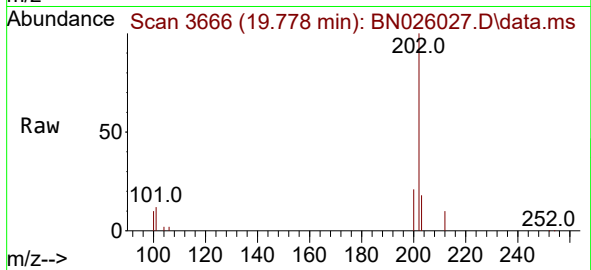
Tgt Ion:202 Resp: 55511

Ion Ratio Lower Upper

202 100

101 12.5 11.4 17.0

100 10.2 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.336 ng/ul

RT: 21.582 min Scan# 4191

Delta R.T. 0.050 min

Lab File: BN026027.D

Acq: 26 Jun 2023 15:09

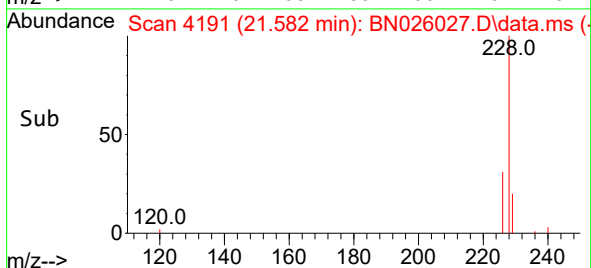
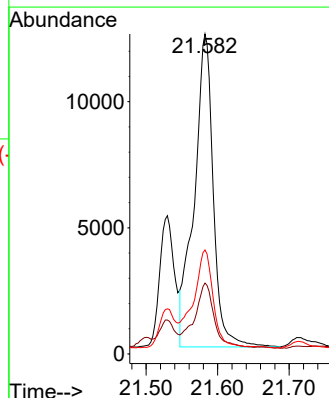
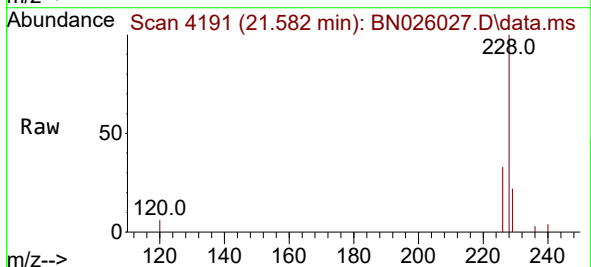
Tgt Ion:228 Resp: 23029

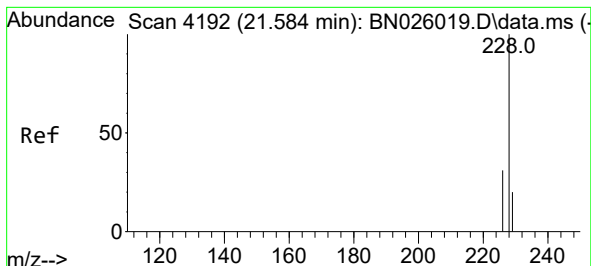
Ion Ratio Lower Upper

228 100

229 22.2 15.8 23.6

226 32.5 22.5 33.7





#22

Chrysene

Concen: 0.319 ng/ul

RT: 21.582 min Scan# 4191

Delta R.T. -0.002 min

Lab File: BN026027.D

Acq: 26 Jun 2023 15:09

Instrument :

BNA_N

ClientSampleId :

DCFQ1DL

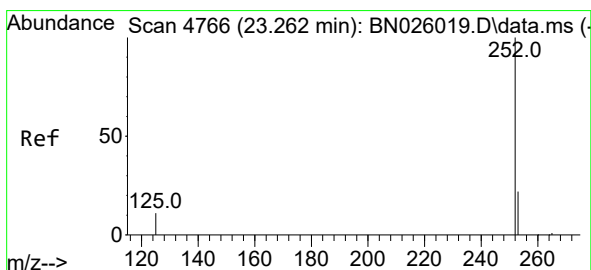
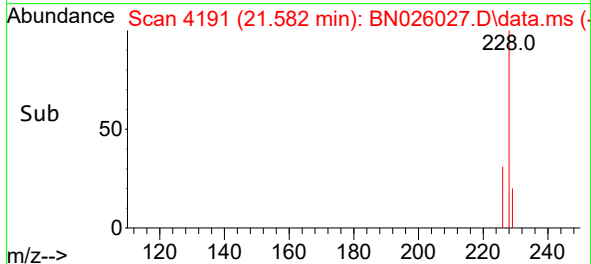
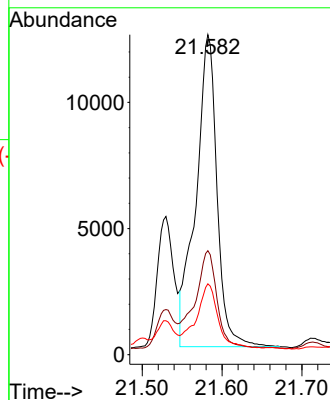
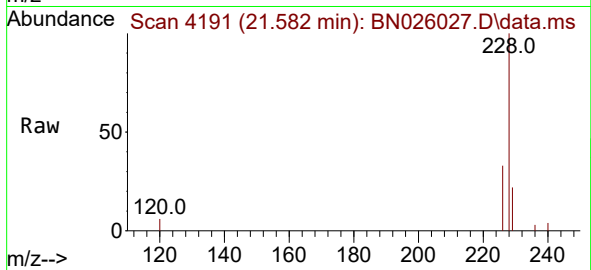
Tgt Ion:228 Resp: 22731

Ion Ratio Lower Upper

228 100

226 32.5 24.8 37.2

229 22.2 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 0.442 ng/ul

RT: 23.260 min Scan# 4765

Delta R.T. 0.004 min

Lab File: BN026027.D

Acq: 26 Jun 2023 15:09

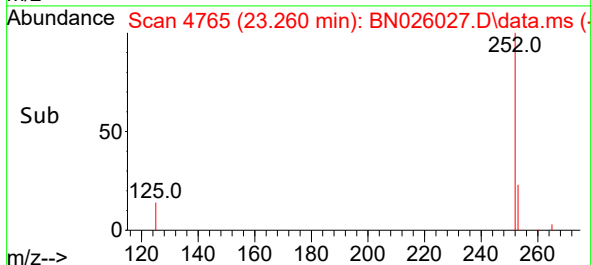
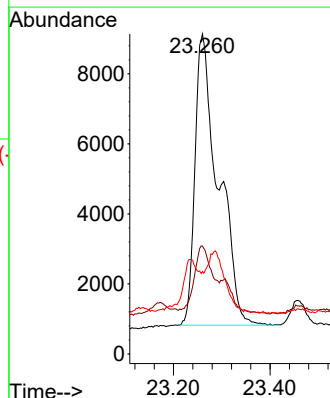
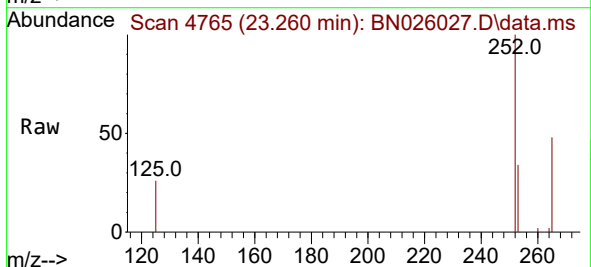
Tgt Ion:252 Resp: 27846

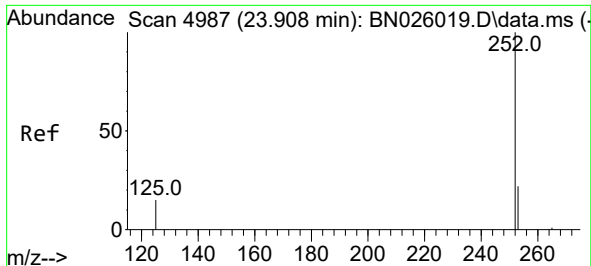
Ion Ratio Lower Upper

252 100

253 33.7 0.0 55.6

125 25.8 0.0 35.8

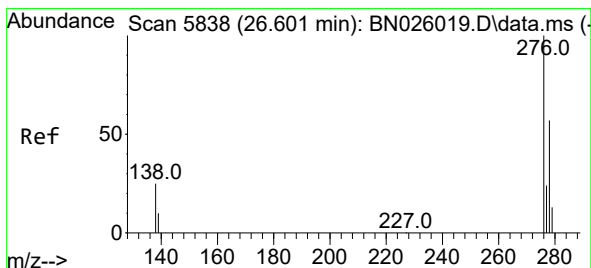
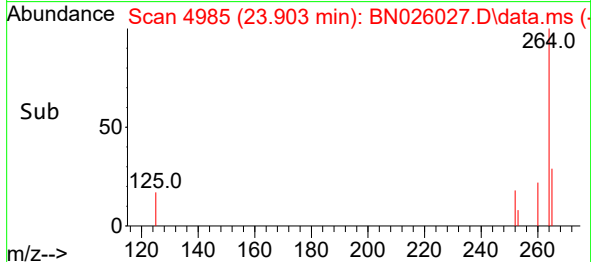
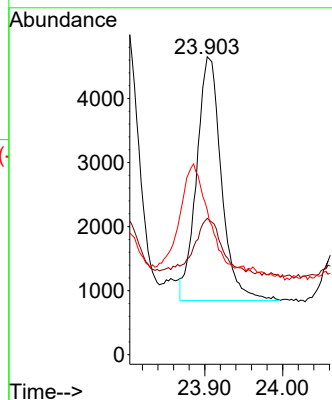
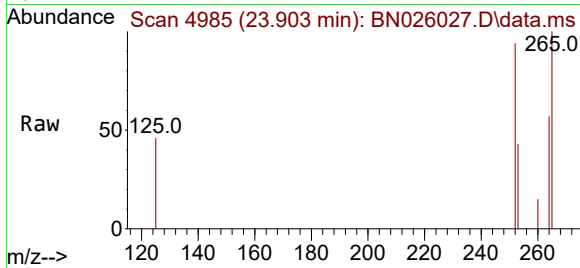




#26
Benzo(a)pyrene
Concen: 0.153 ng/ul
RT: 23.903 min Scan# 4985
Delta R.T. -0.005 min
Lab File: BN026027.D
Acq: 26 Jun 2023 15:09

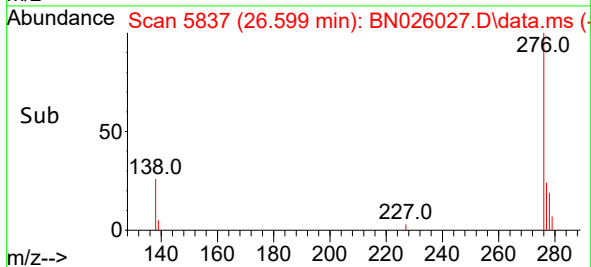
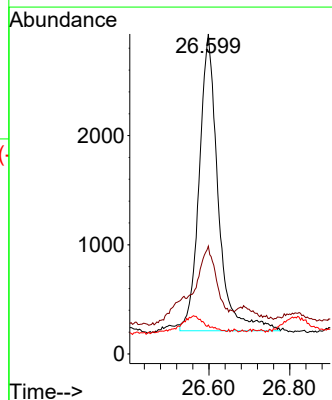
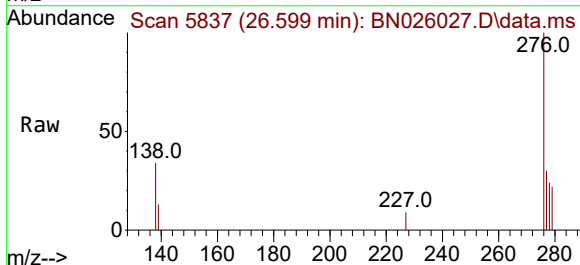
Instrument :
BNA_N
ClientSampleId :
DCFQ1DL

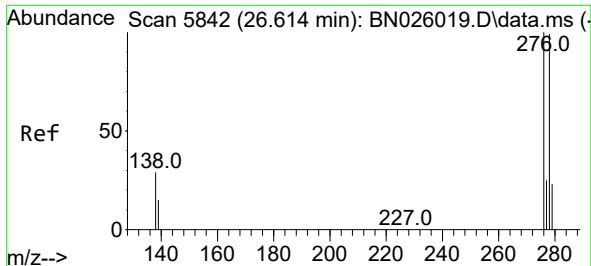
Tgt Ion:252 Resp: 8394
Ion Ratio Lower Upper
252 100
253 45.7 26.0 39.0#
125 48.6 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.148 ng/ul
RT: 26.599 min Scan# 5837
Delta R.T. 0.004 min
Lab File: BN026027.D
Acq: 26 Jun 2023 15:09

Tgt Ion:276 Resp: 8832
Ion Ratio Lower Upper
276 100
138 26.1 24.5 36.7
227 0.0 0.0 0.0

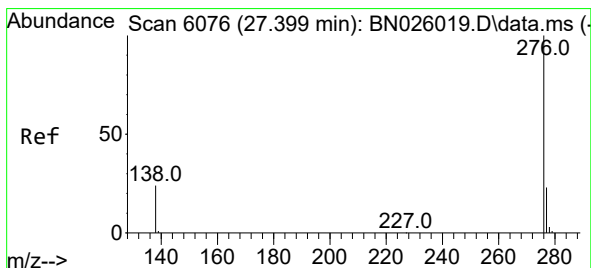
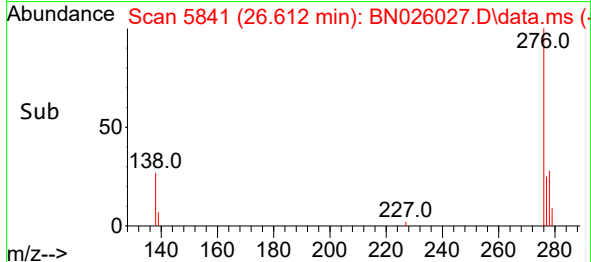
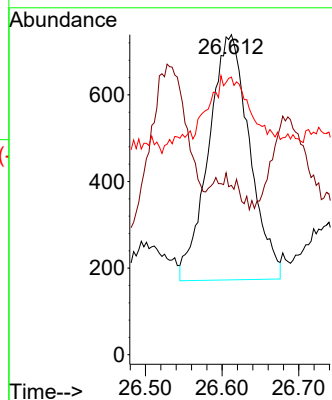
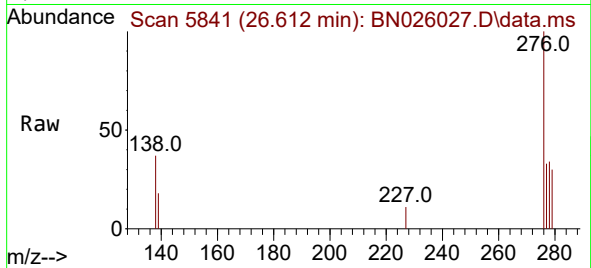




#28
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 26.612 min Scan# 5841
Delta R.T. -0.009 min
Lab File: BN026027.D
Acq: 26 Jun 2023 15:09

Instrument :
BNA_N
ClientSampleId :
DCFQ1DL

Tgt Ion:278 Resp: 2104
Ion Ratio Lower Upper
278 100
139 52.9 19.0 28.4#
279 86.7 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 0.152 ng/ul
RT: 27.393 min Scan# 6074
Delta R.T. 0.007 min
Lab File: BN026027.D
Acq: 26 Jun 2023 15:09

Tgt Ion:276 Resp: 8104
Ion Ratio Lower Upper
276 100
138 36.8 23.4 35.0#
277 30.3 20.0 30.0#

