

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026149.D
 Acq On : 01 Jul 2023 13:36
 Operator : MA/JU
 Sample : 03239-17RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFZ5

Quant Time: Jul 01 22:34:48 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

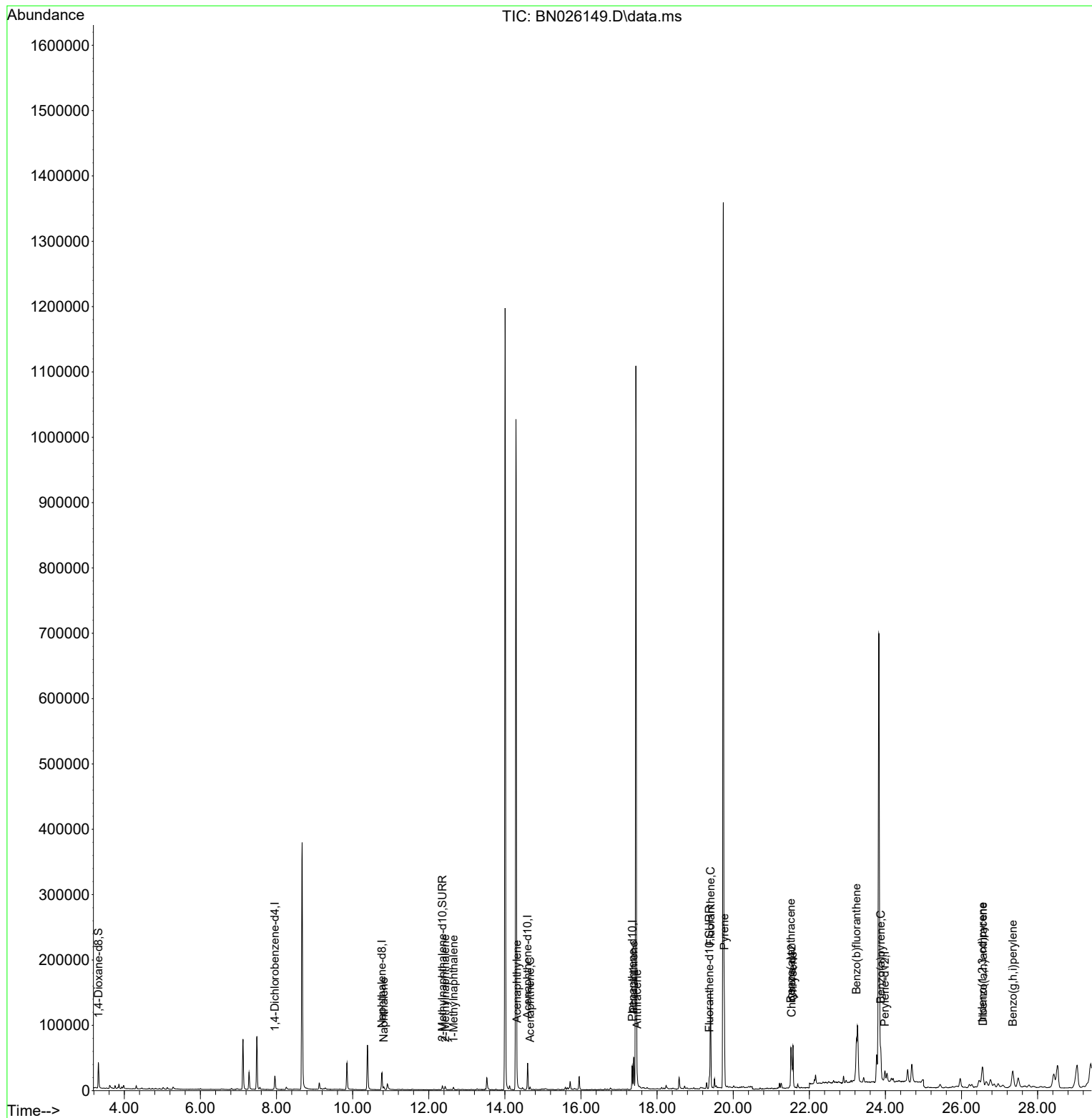
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	12023	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	38036	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	22189	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	43470	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	23271	0.400	ng/ul	0.00
23) Perylene-d12	23.987	264	24664	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	26200	1.935	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.360	152	8745	0.149	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	16684	0.188	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.820	128	6007	0.055	ng/ul#	93
7) 2-Methylnaphthalene	12.431	142	4093	0.059	ng/ul	99
8) 1-Methylnaphthalene	12.651	142	2785	0.039	ng/ul	98
10) Acenaphthylene	14.320	152	3624	0.035	ng/ul#	88
11) Acenaphthene	14.663	153	2431	0.029	ng/ul	96
15) Phenanthrene	17.385	178	53755	0.374	ng/ul	99
16) Anthracene	17.478	178	8568	0.067	ng/ul#	91
19) Fluoranthene	19.405	202	131732	1.060	ng/ul	99
20) Pyrene	19.768	202	112106	0.867	ng/ul	97
21) Benzo(a)anthracene	21.517	228	53941	0.562	ng/ul	96
22) Chrysene	21.570	228	72982	0.731	ng/ul	97
24) Benzo(b)fluoranthene	23.239	252	144376	1.371	ng/ul	95
26) Benzo(a)pyrene	23.876	252	66576	0.728	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.548	276	57627	0.577	ng/ul#	63
28) Dibenzo(a,h)anthracene	26.564	278	14911	0.197	ng/ul#	78
29) Benzo(g,h,i)perylene	27.346	276	63612	0.716	ng/ul	98

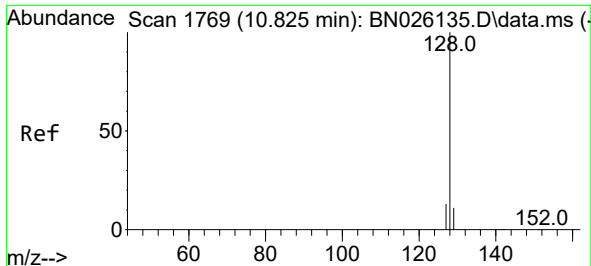
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026149.D
Acq On : 01 Jul 2023 13:36
Operator : MA/JU
Sample : 03239-17RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFZ5

Quant Time: Jul 01 22:34:48 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 : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration

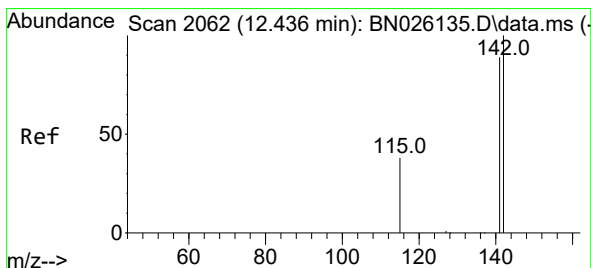
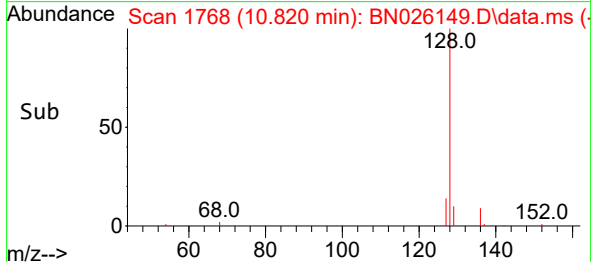
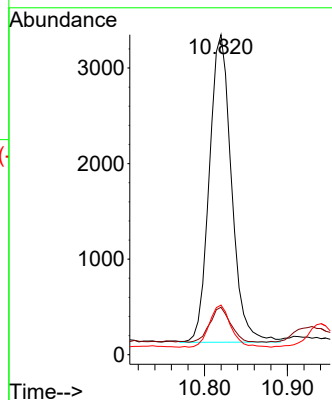
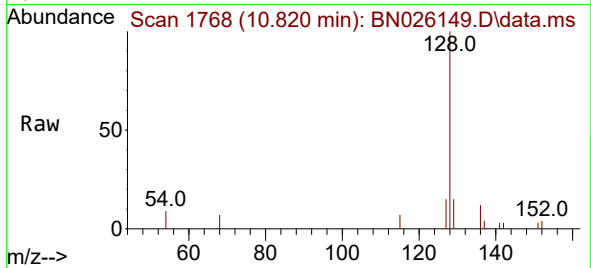




#5
Naphthalene
Concen: 0.055 ng/ul
RT: 10.820 min Scan# 1769
Delta R.T. -0.005 min
Lab File: BN026149.D
Acq: 01 Jul 2023 13:36

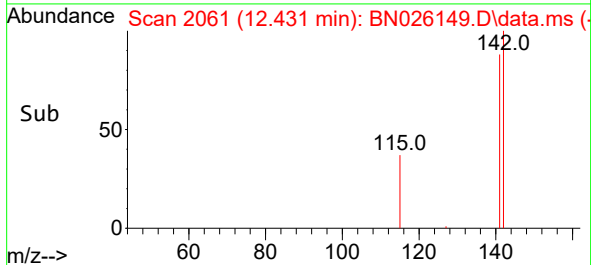
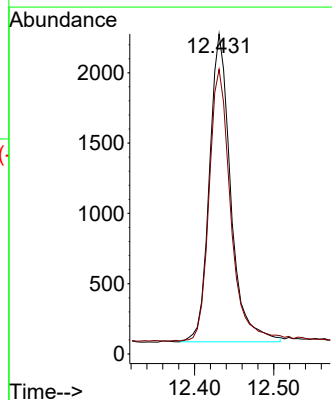
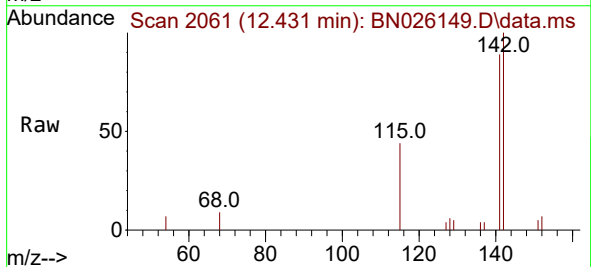
Instrument :
BNA_N
ClientSampleId :
DCFZ5

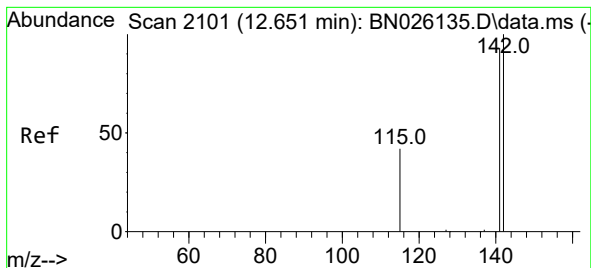
Tgt Ion:128 Resp: 6007
Ion Ratio Lower Upper
128 100
129 14.8 9.1 13.7#
127 15.5 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN026149.D
Acq: 01 Jul 2023 13:36

Tgt Ion:142 Resp: 4093
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.039 ng/ul

RT: 12.651 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BN026149.D

Acq: 01 Jul 2023 13:36

Instrument :

BNA_N

ClientSampleId :

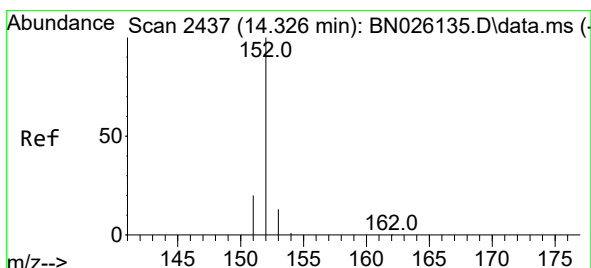
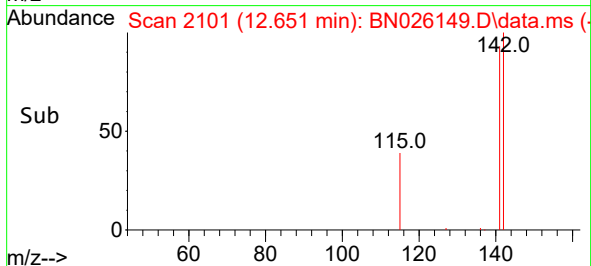
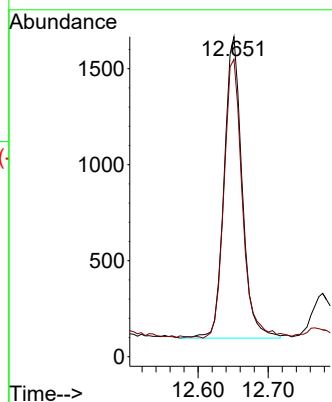
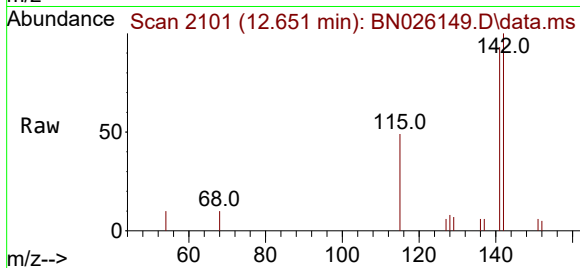
DCFZ5

Tgt Ion:142 Resp: 2785

Ion Ratio Lower Upper

142 100

141 94.7 74.2 111.4



#10

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.320 min Scan# 2436

Delta R.T. -0.005 min

Lab File: BN026149.D

Acq: 01 Jul 2023 13:36

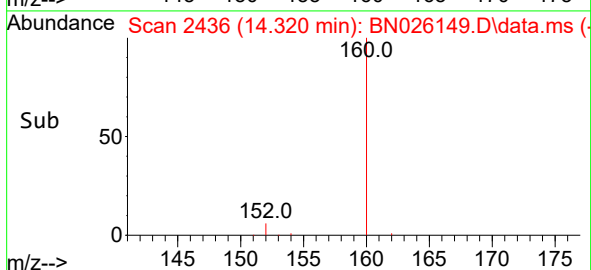
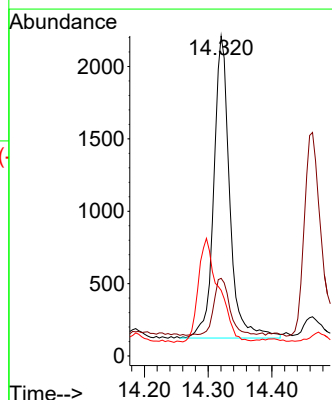
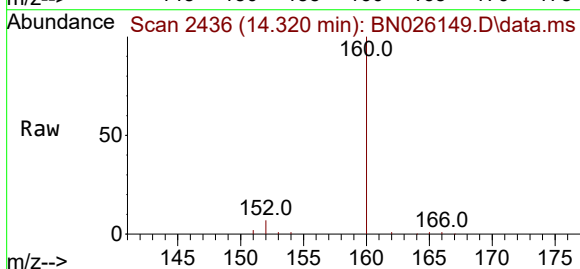
Tgt Ion:152 Resp: 3624

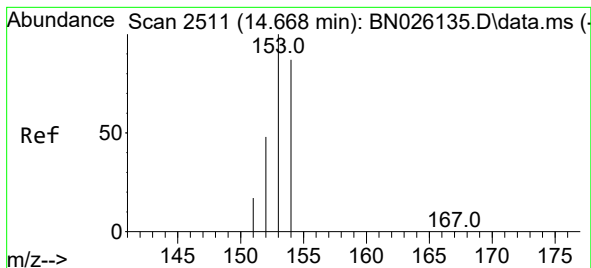
Ion Ratio Lower Upper

152 100

151 24.2 16.2 24.4

153 20.5 10.9 16.3#





#11

Acenaphthene

Concen: 0.029 ng/ul

RT: 14.663 min Scan# 2511

Delta R.T. -0.005 min

Lab File: BN026149.D

Acq: 01 Jul 2023 13:36

Instrument :

BNA_N

ClientSampleId :

DCFZ5

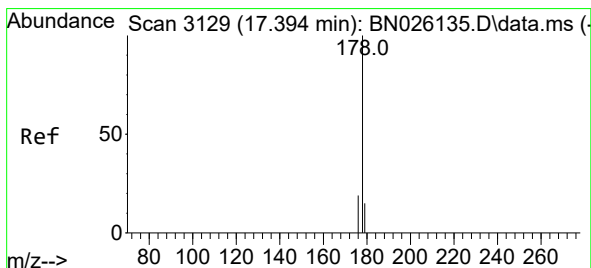
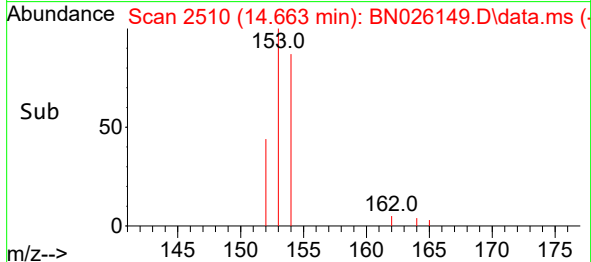
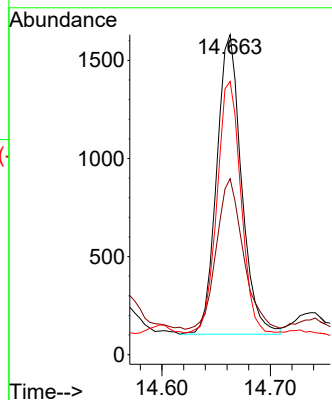
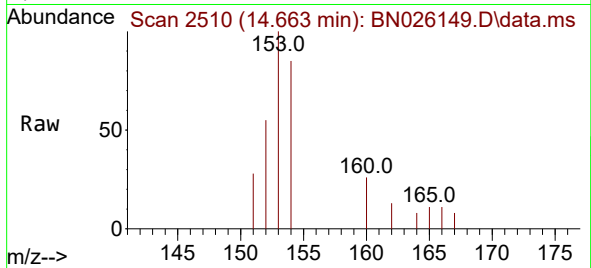
Tgt Ion:153 Resp: 2431

Ion Ratio Lower Upper

153 100

152 55.0 39.4 59.0

154 85.4 68.9 103.3



#15

Phenanthrene

Concen: 0.374 ng/ul

RT: 17.385 min Scan# 3127

Delta R.T. -0.009 min

Lab File: BN026149.D

Acq: 01 Jul 2023 13:36

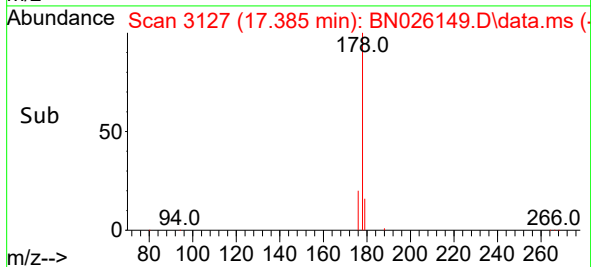
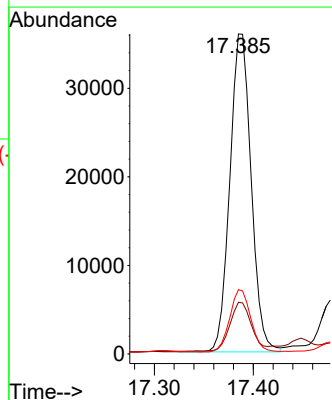
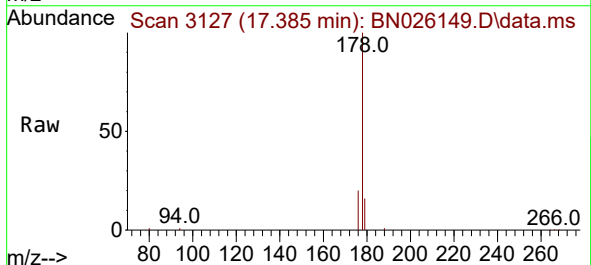
Tgt Ion:178 Resp: 53755

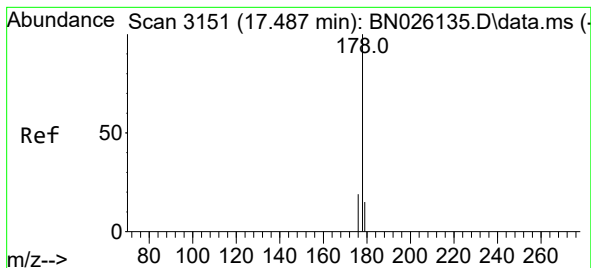
Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

176 20.1 15.8 23.6





#16

Anthracene

Concen: 0.067 ng/ul

RT: 17.478 min Scan# 3151

Delta R.T. -0.009 min

Lab File: BN026149.D

Acq: 01 Jul 2023 13:36

Instrument :

BNA_N

ClientSampleId :

DCFZ5

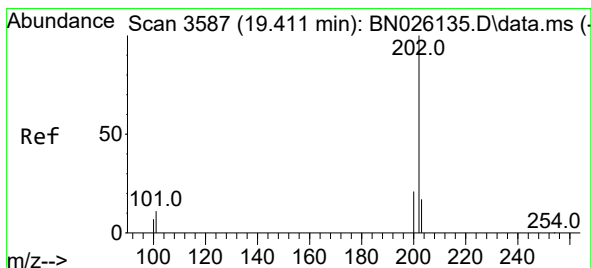
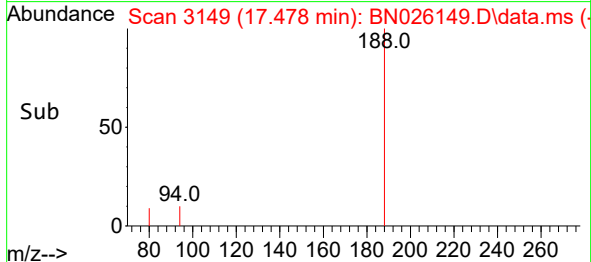
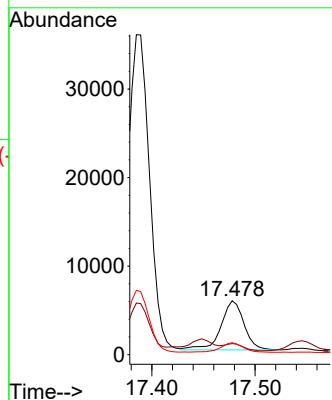
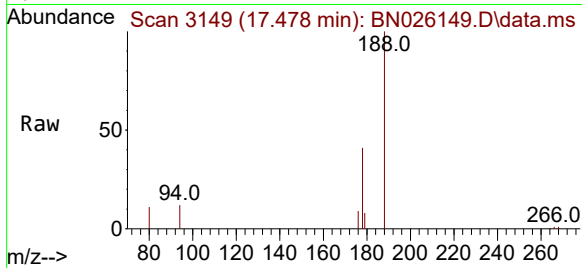
Tgt Ion:178 Resp: 8568

Ion Ratio Lower Upper

178 100

179 20.6 12.6 18.8#

176 22.2 15.1 22.7



#19

Fluoranthene

Concen: 1.060 ng/ul

RT: 19.405 min Scan# 3586

Delta R.T. -0.005 min

Lab File: BN026149.D

Acq: 01 Jul 2023 13:36

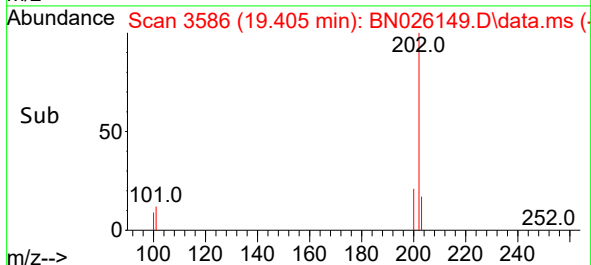
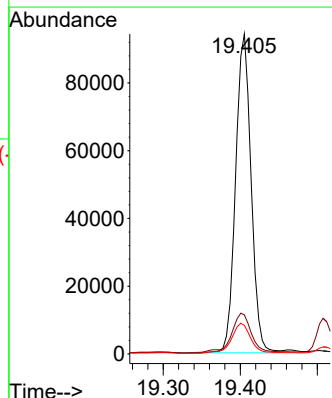
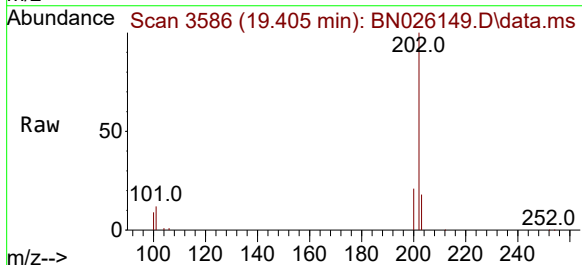
Tgt Ion:202 Resp: 131732

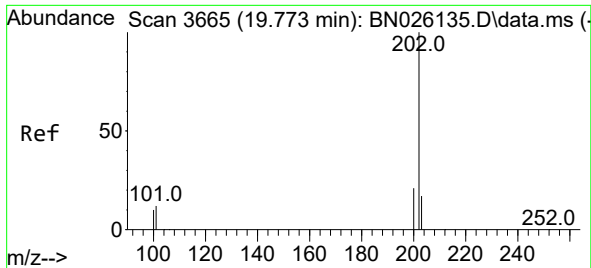
Ion Ratio Lower Upper

202 100

101 12.2 9.5 14.3

100 8.9 7.3 10.9

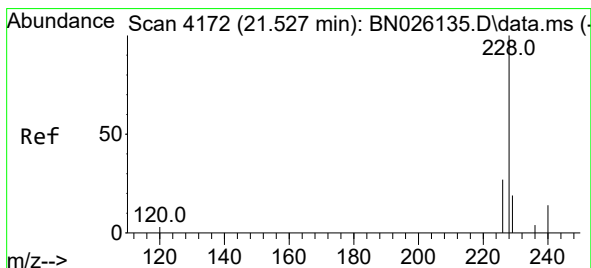
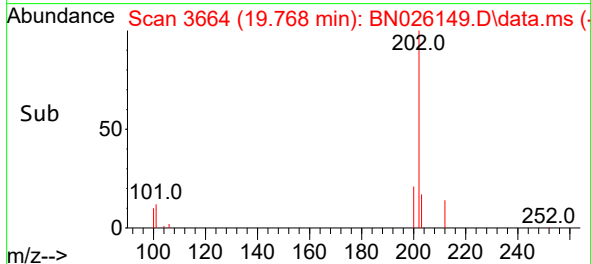
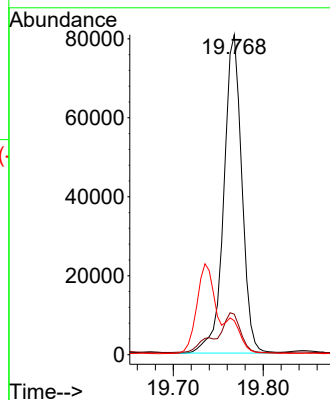
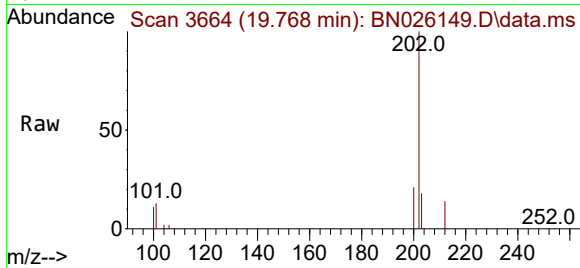




#20
Pyrene
Concen: 0.867 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026149.D
Acq: 01 Jul 2023 13:36

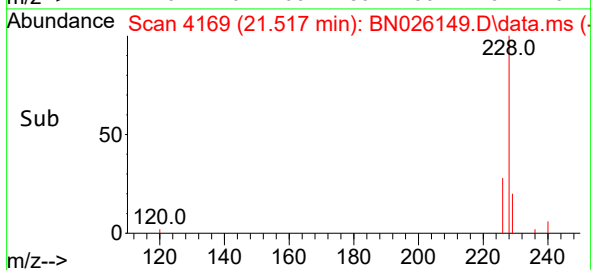
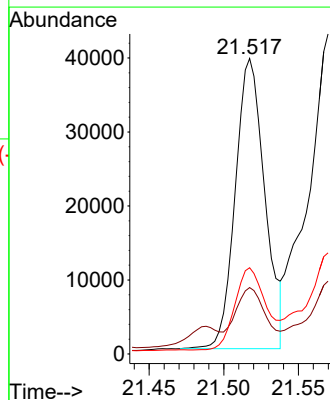
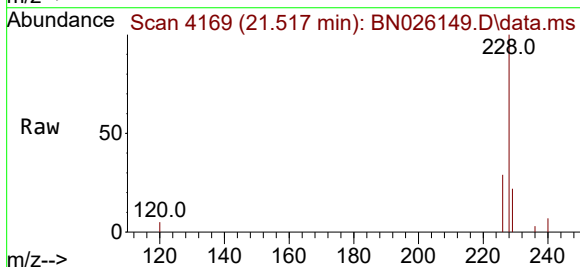
Instrument :
BNA_N
ClientSampleId :
DCFZ5

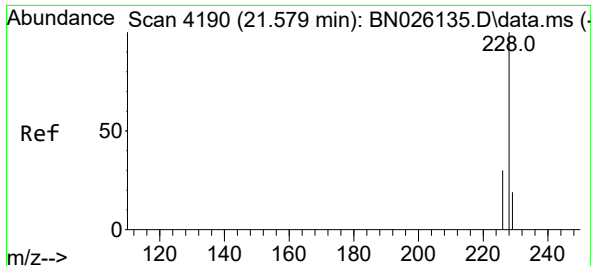
Tgt Ion:202 Resp: 112106
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 10.6 9.1 13.7



#21
Benzo(a)anthracene
Concen: 0.562 ng/ul
RT: 21.517 min Scan# 4169
Delta R.T. -0.009 min
Lab File: BN026149.D
Acq: 01 Jul 2023 13:36

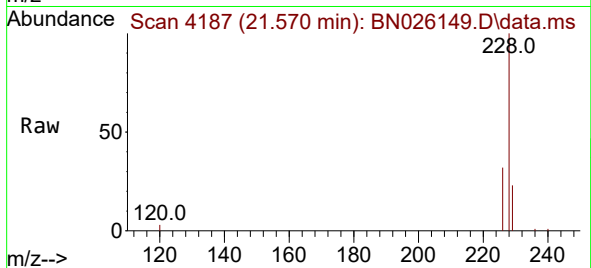
Tgt Ion:228 Resp: 53941
Ion Ratio Lower Upper
228 100
229 22.5 15.8 23.6
226 29.2 22.5 33.7



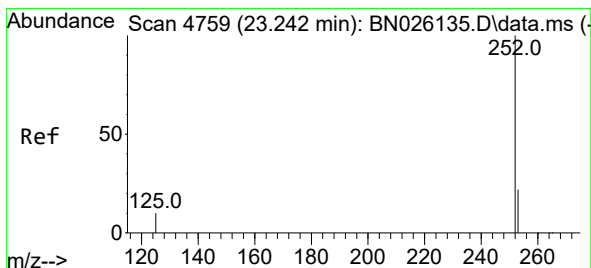
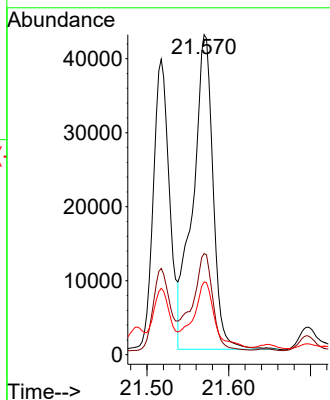
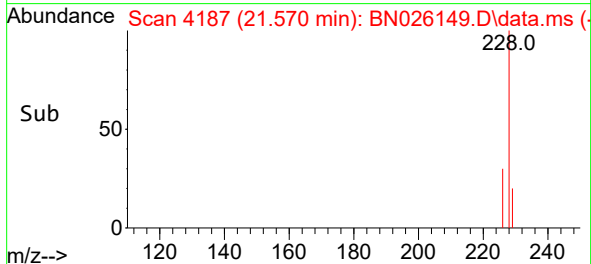


#22
Chrysene
Concen: 0.731 ng/ul
RT: 21.570 min Scan# 4190
Delta R.T. -0.009 min
Lab File: BN026149.D
Acq: 01 Jul 2023 13:36

Instrument :
BNA_N
ClientSampleId :
DCFZ5

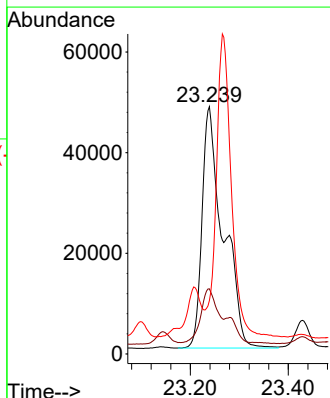
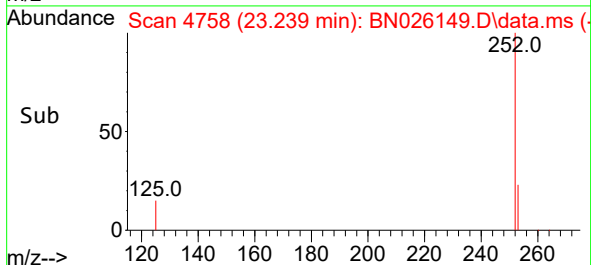
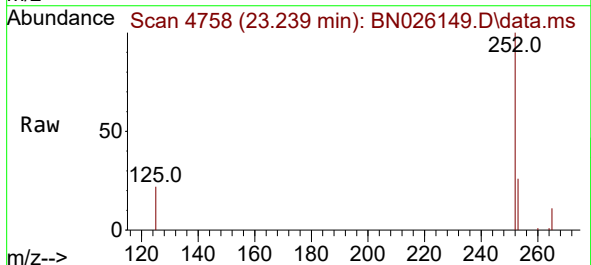


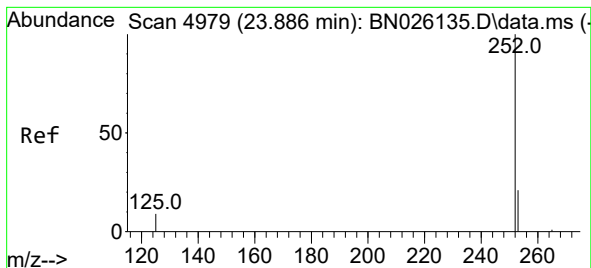
Tgt Ion:228 Resp: 72982
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 22.8 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 1.371 ng/ul
RT: 23.239 min Scan# 4758
Delta R.T. -0.004 min
Lab File: BN026149.D
Acq: 01 Jul 2023 13:36

Tgt Ion:252 Resp: 144376
Ion Ratio Lower Upper
252 100
253 26.3 0.0 55.6
125 21.6 0.0 35.8





#26

Benzo(a)pyrene

Concen: 0.728 ng/ul

RT: 23.876 min Scan# 4979

Delta R.T. -0.009 min

Lab File: BN026149.D

Acq: 01 Jul 2023 13:36

Instrument :

BNA_N

ClientSampleId :

DCFZ5

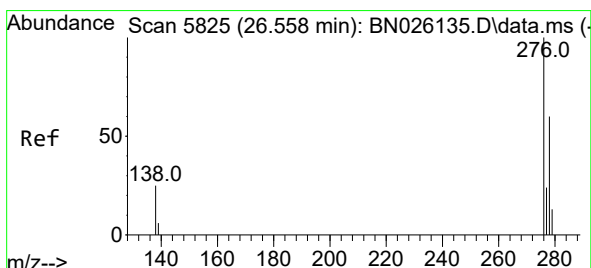
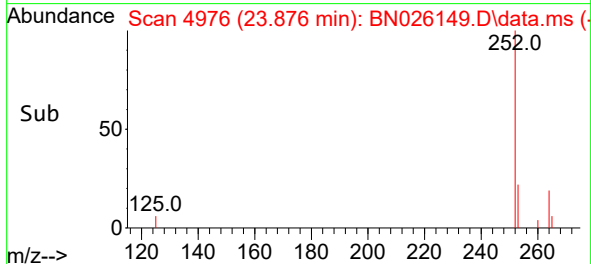
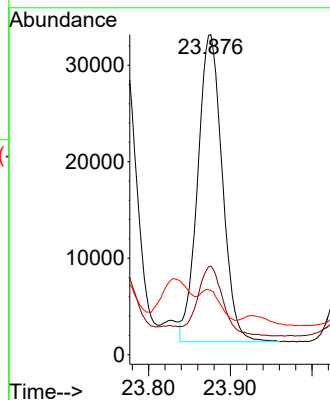
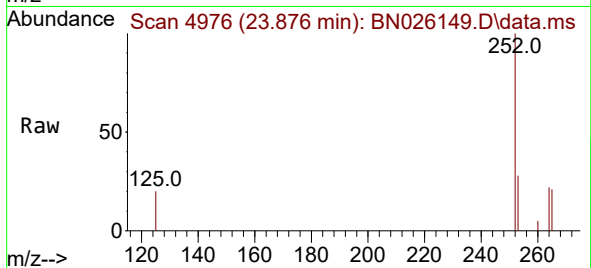
Tgt Ion:252 Resp: 66576

Ion Ratio Lower Upper

252 100

253 27.7 26.0 39.0

125 20.0 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.577 ng/ul

RT: 26.548 min Scan# 5822

Delta R.T. -0.011 min

Lab File: BN026149.D

Acq: 01 Jul 2023 13:36

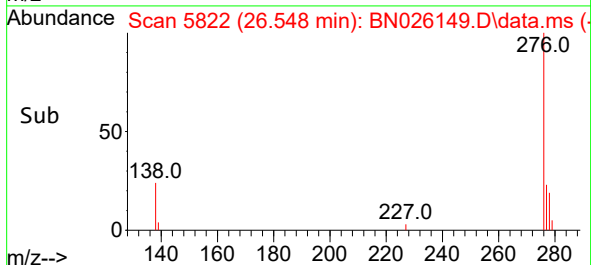
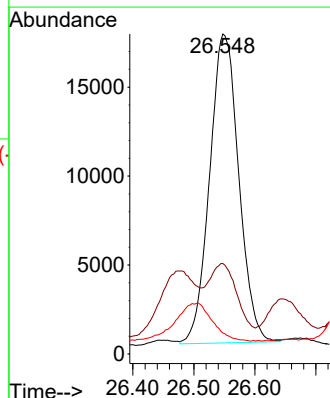
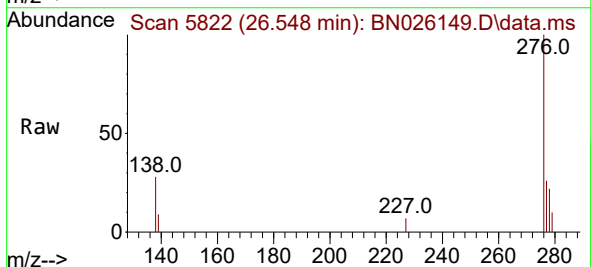
Tgt Ion:276 Resp: 57627

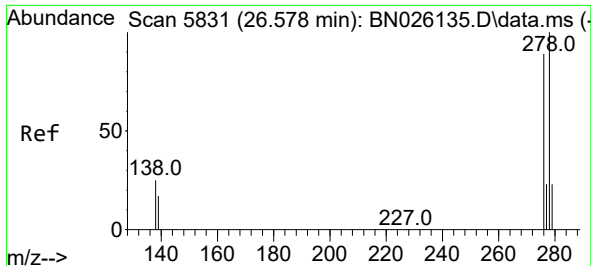
Ion Ratio Lower Upper

276 100

138 51.1 24.5 36.7#

227 0.0 0.0 0.0

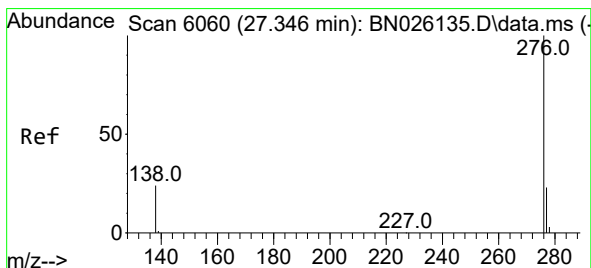
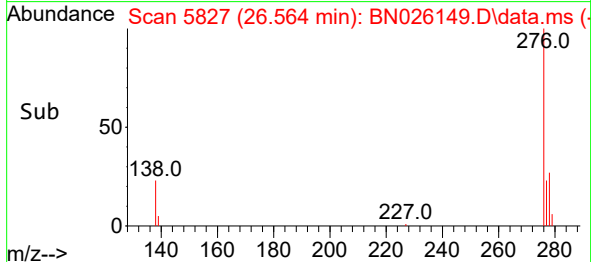
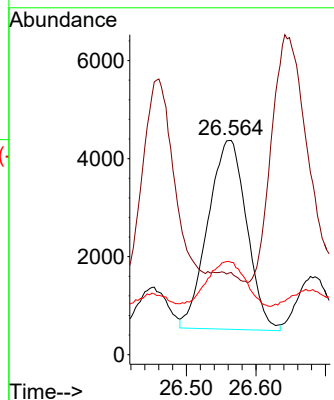
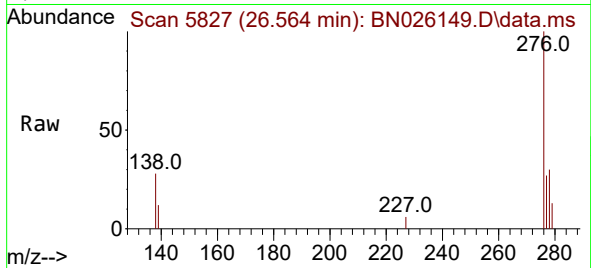




#28
Dibenzo(a,h)anthracene
Concen: 0.197 ng/ul
RT: 26.564 min Scan# 5827
Delta R.T. -0.014 min
Lab File: BN026149.D
Acq: 01 Jul 2023 13:36

Instrument :
BNA_N
ClientSampleId :
DCFZ5

Tgt Ion:278 Resp: 14911
Ion Ratio Lower Upper
278 100
139 38.4 19.0 28.4#
279 43.1 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 0.716 ng/ul
RT: 27.346 min Scan# 6060
Delta R.T. -0.001 min
Lab File: BN026149.D
Acq: 01 Jul 2023 13:36

Tgt Ion:276 Resp: 63612
Ion Ratio Lower Upper
276 100
138 27.9 23.4 35.0
277 25.6 20.0 30.0

