

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025983.D
 Acq On : 24 Jun 2023 00:30
 Operator : MA/JU
 Sample : 03085-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFP3

Quant Time: Jun 24 01:02:23 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)

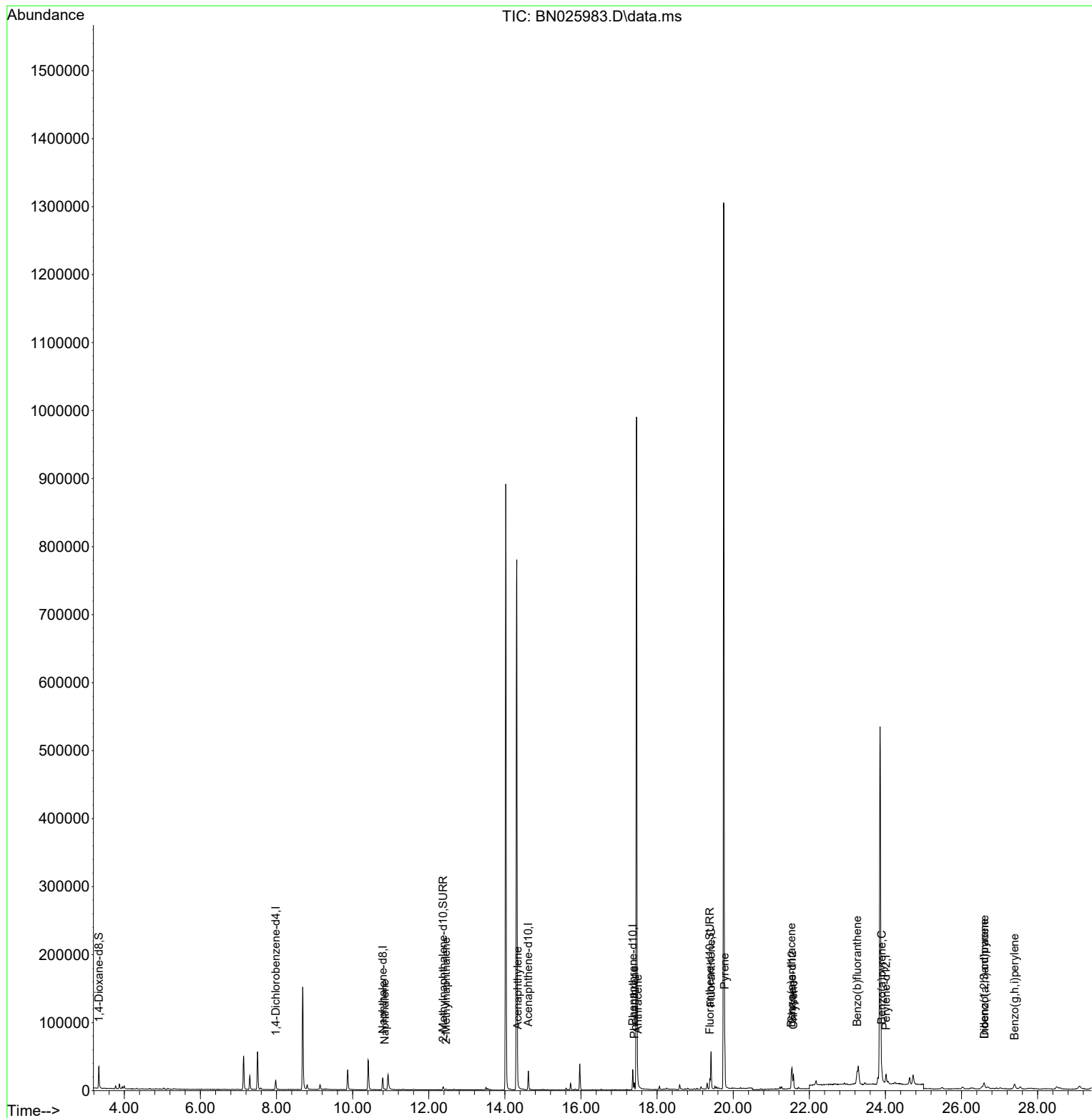
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	7930	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	25086	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	15621	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	34751	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	22825	0.400	ng/ul	0.00
23) Perylene-d12	24.016	264	19895	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	21702	2.430	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	6569	0.170	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	15645	0.180	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	1557	0.022	ng/ul#	81
7) 2-Methylnaphthalene	12.453	142	963	0.021	ng/ul	97
10) Acenaphthylene	14.339	152	3584	0.049	ng/ul#	91
15) Phenanthrene	17.402	178	10822	0.094	ng/ul	97
16) Anthracene	17.495	178	2441	0.024	ng/ul#	82
19) Fluoranthene	19.419	202	48343	0.397	ng/ul	99
20) Pyrene	19.777	202	48568	0.383	ng/ul	99
21) Benzo(a)anthracene	21.529	228	19373	0.206	ng/ul	93
22) Chrysene	21.581	228	25185	0.257	ng/ul#	94
24) Benzo(b)fluoranthene	23.259	252	43882	0.517	ng/ul	81
26) Benzo(a)pyrene	23.905	252	18197	0.247	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.594	276	15411	0.191	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.601	278	3645	0.060	ng/ul#	29
29) Benzo(g,h,i)perylene	27.393	276	14767	0.206	ng/ul	90

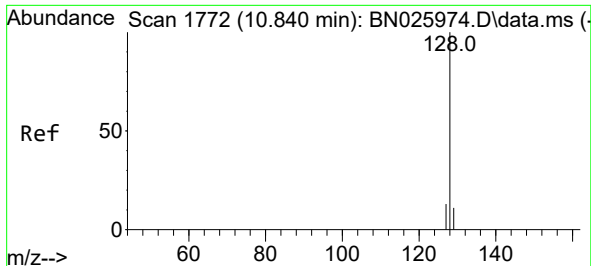
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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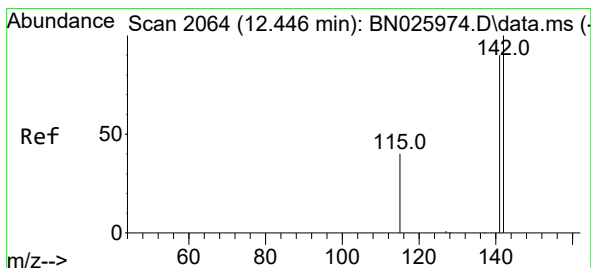
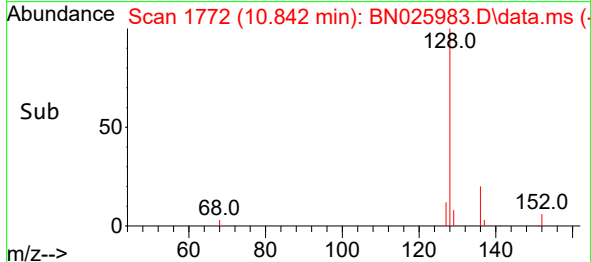
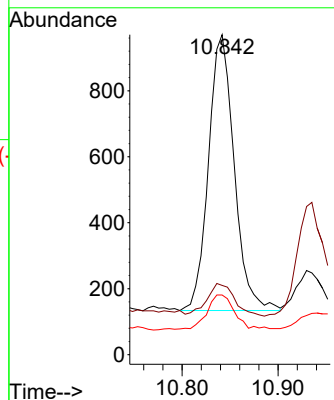
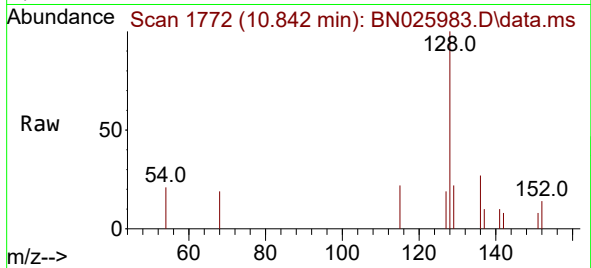




#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.842 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN025983.D
Acq: 24 Jun 2023 00:30

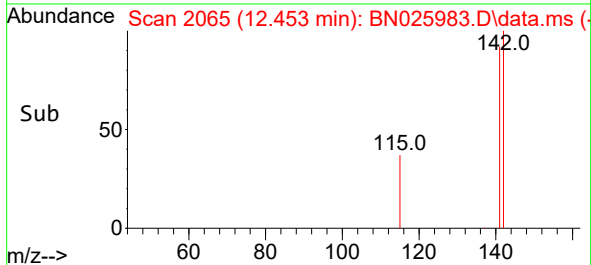
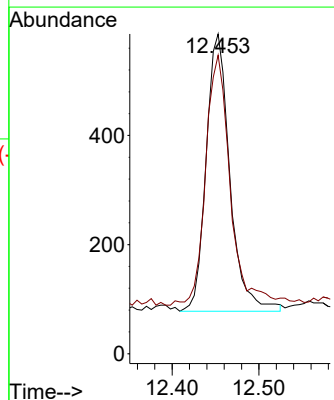
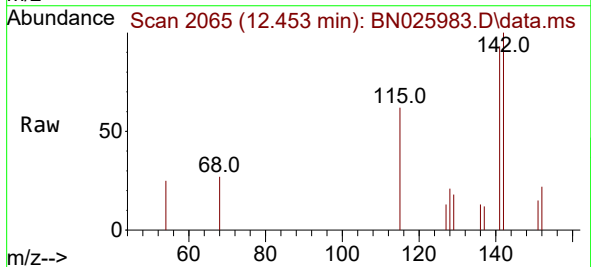
Instrument :
BNA_N
ClientSampleId :
DCFP3

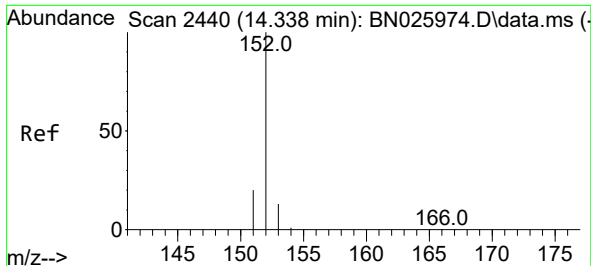
Tgt Ion:128 Resp: 1557
Ion Ratio Lower Upper
128 100
129 21.6 9.1 13.7#
127 18.7 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025983.D
Acq: 24 Jun 2023 00:30

Tgt Ion:142 Resp: 963
Ion Ratio Lower Upper
142 100
141 92.7 71.9 107.9

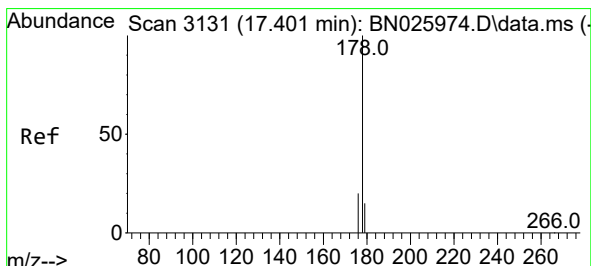
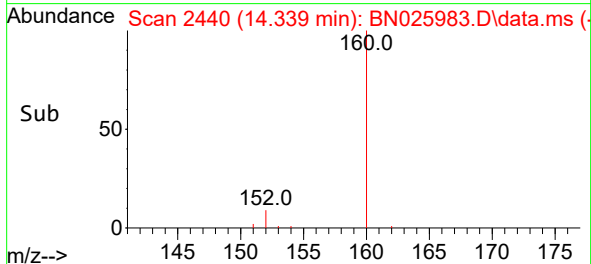
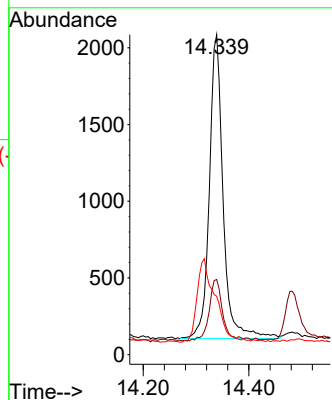
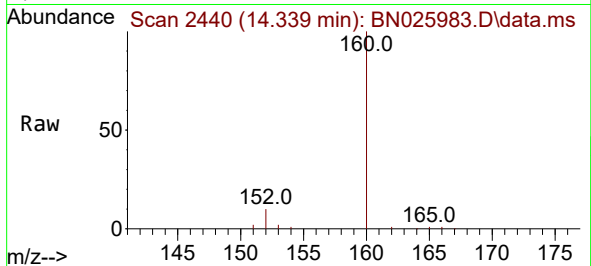




#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025983.D
Acq: 24 Jun 2023 00:30

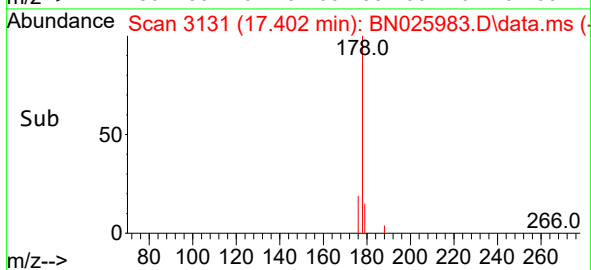
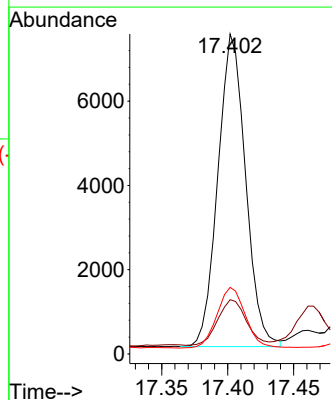
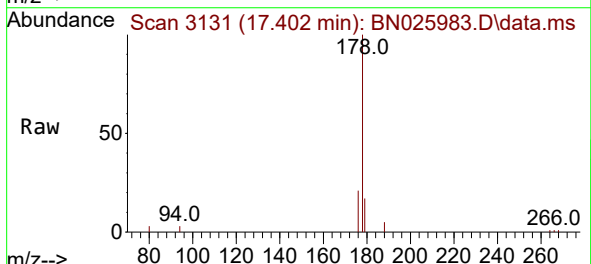
Instrument :
BNA_N
ClientSampleId :
DCFP3

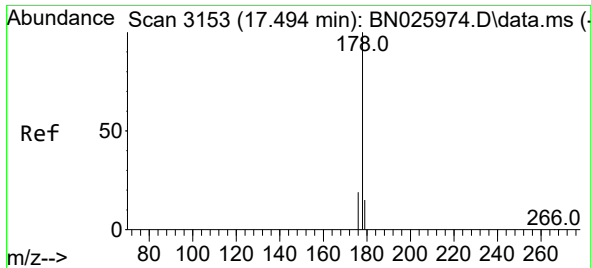
Tgt Ion:152 Resp: 3584
Ion Ratio Lower Upper
152 100
151 23.5 16.2 24.4
153 18.2 10.9 16.3#



#15
Phenanthrene
Concen: 0.094 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN025983.D
Acq: 24 Jun 2023 00:30

Tgt Ion:178 Resp: 10822
Ion Ratio Lower Upper
178 100
179 16.9 12.6 19.0
176 20.8 15.8 23.6

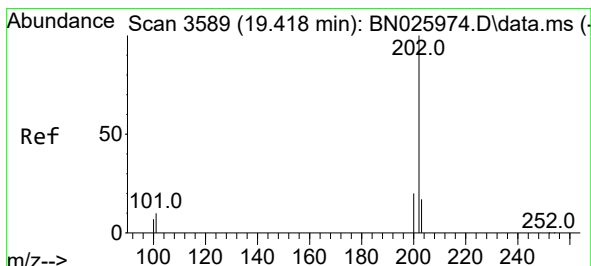
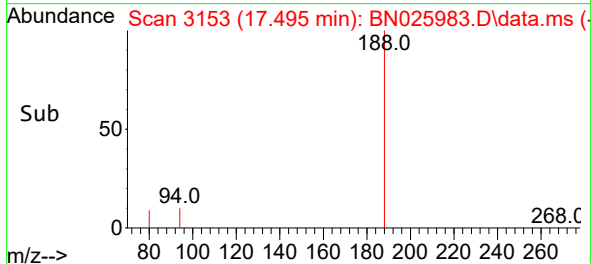
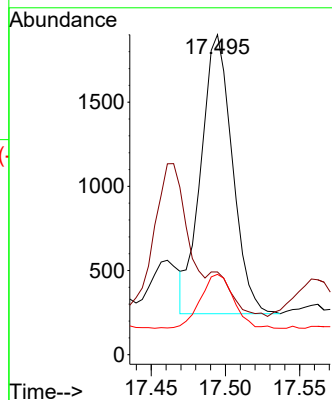
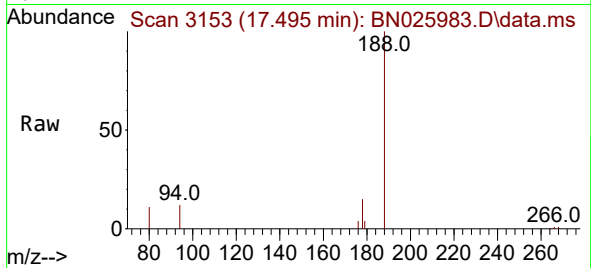




#16
 Anthracene
 Concen: 0.024 ng/ul
 RT: 17.495 min Scan# 3153
 Delta R.T. -0.004 min
 Lab File: BN025983.D
 Acq: 24 Jun 2023 00:30

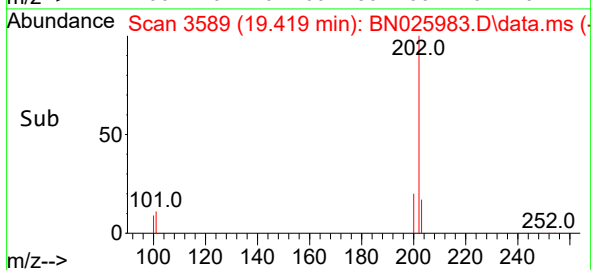
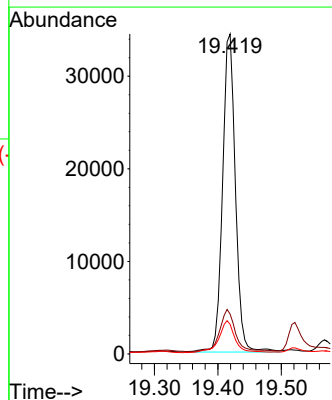
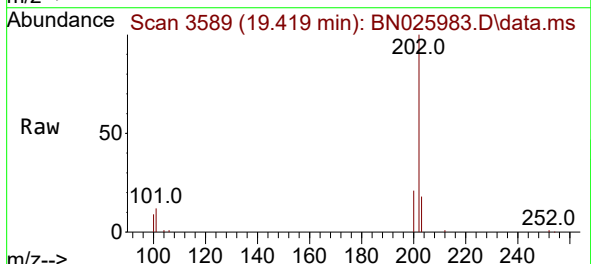
Instrument :
 BNA_N
 ClientSampleId :
 DCFP3

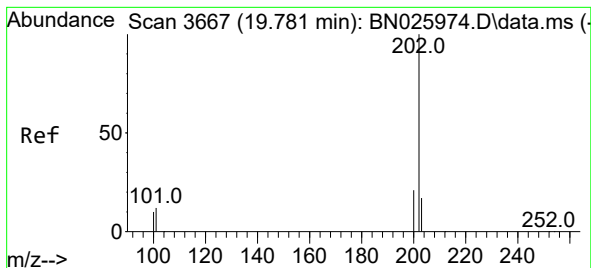
Tgt Ion:178 Resp: 2441
 Ion Ratio Lower Upper
 178 100
 179 25.8 12.6 18.8#
 176 25.1 15.1 22.7#



#19
 Fluoranthene
 Concen: 0.397 ng/ul
 RT: 19.419 min Scan# 3589
 Delta R.T. -0.000 min
 Lab File: BN025983.D
 Acq: 24 Jun 2023 00:30

Tgt Ion:202 Resp: 48343
 Ion Ratio Lower Upper
 202 100
 101 12.5 9.5 14.3
 100 9.2 7.3 10.9





#20

Pyrene

Concen: 0.383 ng/ul

RT: 19.777 min Scan# 3666

Delta R.T. -0.005 min

Lab File: BN025983.D

Acq: 24 Jun 2023 00:30

Instrument :

BNA_N

ClientSampleId :

DCFP3

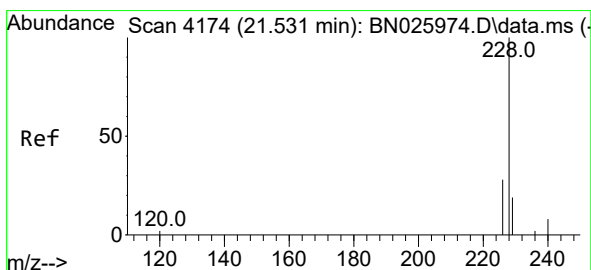
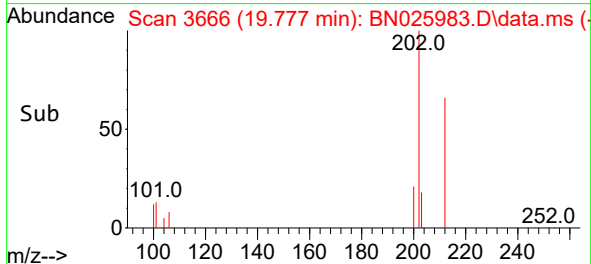
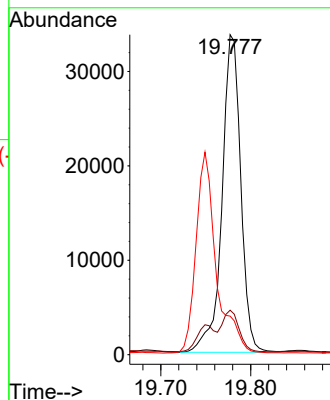
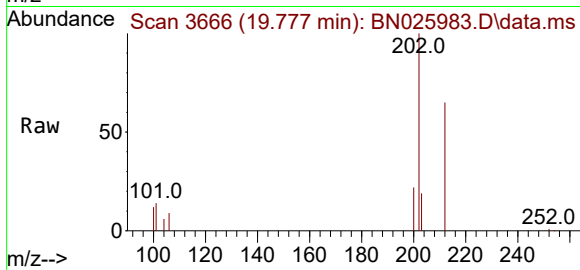
Tgt Ion:202 Resp: 48568

Ion Ratio Lower Upper

202 100

101 13.9 11.4 17.0

100 12.1 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.206 ng/ul

RT: 21.529 min Scan# 4173

Delta R.T. -0.003 min

Lab File: BN025983.D

Acq: 24 Jun 2023 00:30

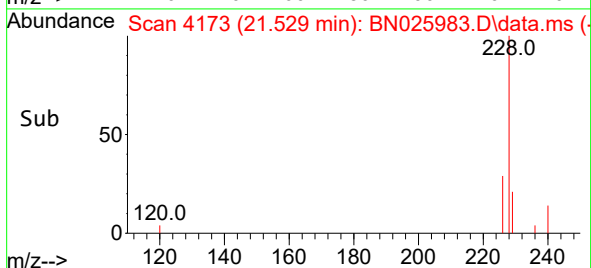
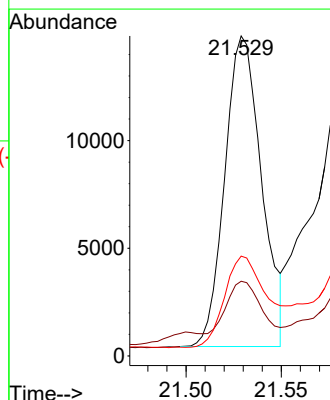
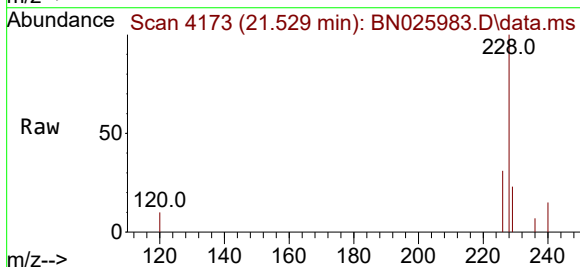
Tgt Ion:228 Resp: 19373

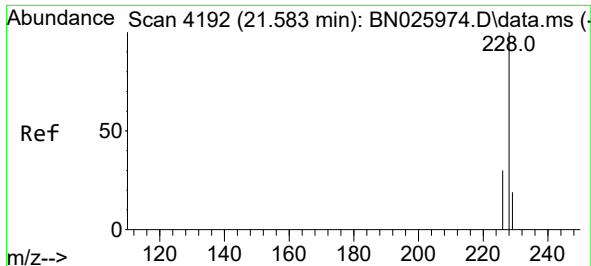
Ion Ratio Lower Upper

228 100

229 23.4 15.8 23.6

226 31.2 22.5 33.7





#22

Chrysene

Concen: 0.257 ng/ul

RT: 21.581 min Scan# 4191

Delta R.T. -0.003 min

Lab File: BN025983.D

Acq: 24 Jun 2023 00:30

Instrument :

BNA_N

ClientSampleId :

DCFP3

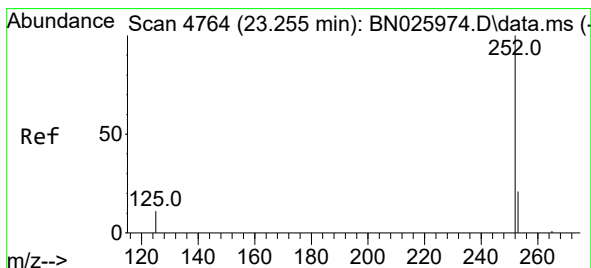
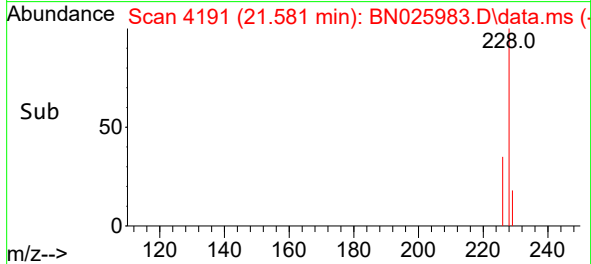
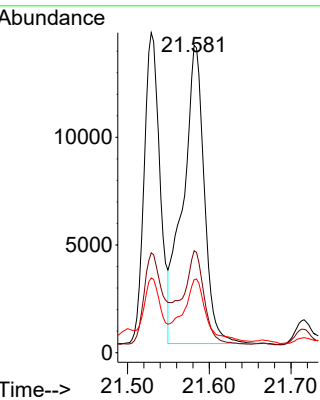
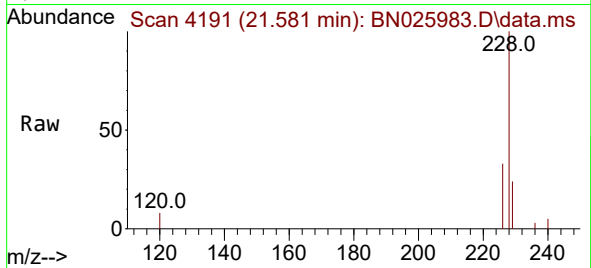
Tgt Ion:228 Resp: 25185

Ion Ratio Lower Upper

228 100

226 33.2 24.8 37.2

229 23.7 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 0.517 ng/ul

RT: 23.259 min Scan# 4765

Delta R.T. 0.003 min

Lab File: BN025983.D

Acq: 24 Jun 2023 00:30

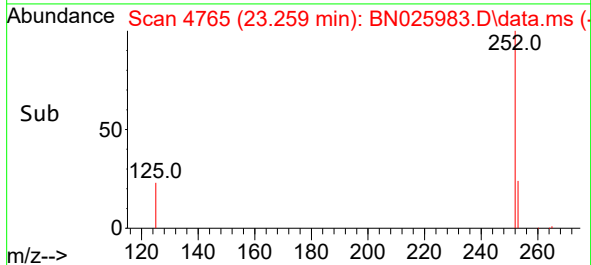
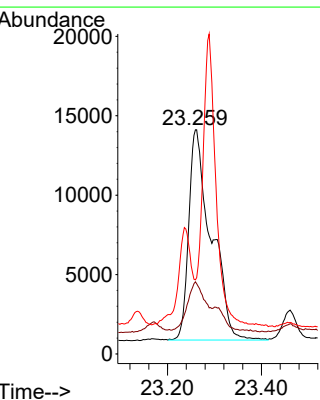
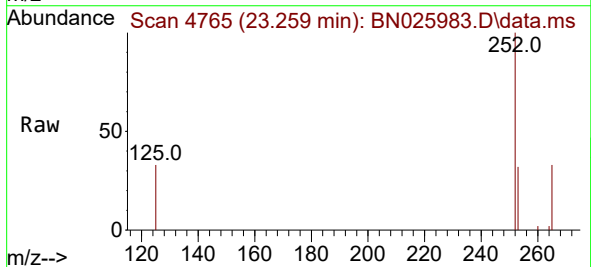
Tgt Ion:252 Resp: 43882

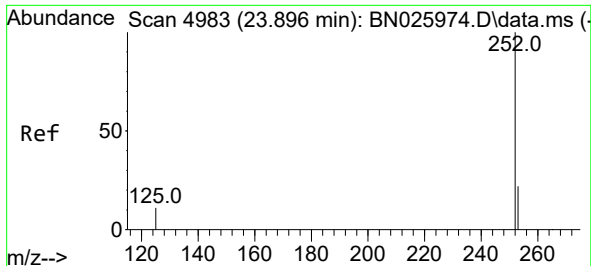
Ion Ratio Lower Upper

252 100

253 32.2 0.0 55.6

125 33.1 0.0 35.8

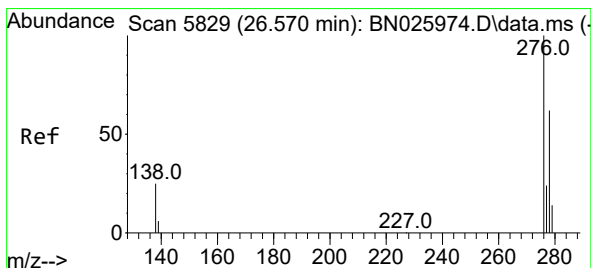
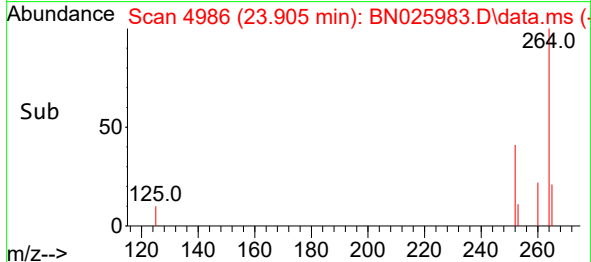
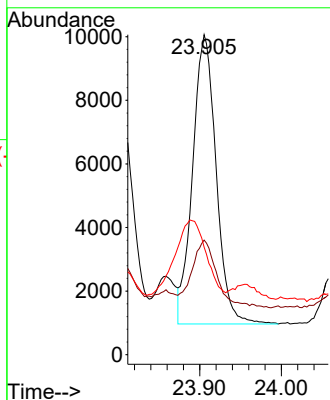
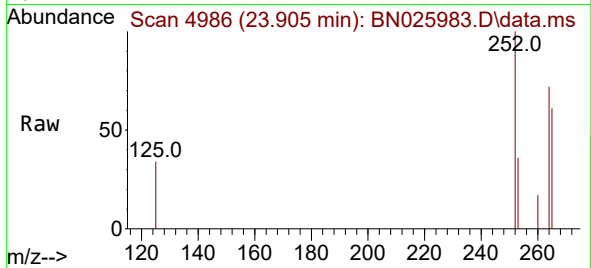




#26
Benzo(a)pyrene
Concen: 0.247 ng/ul
RT: 23.905 min Scan# 4983
Delta R.T. -0.003 min
Lab File: BN025983.D
Acq: 24 Jun 2023 00:30

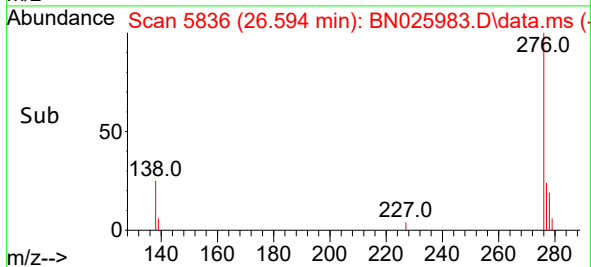
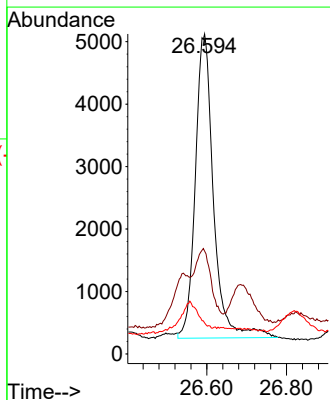
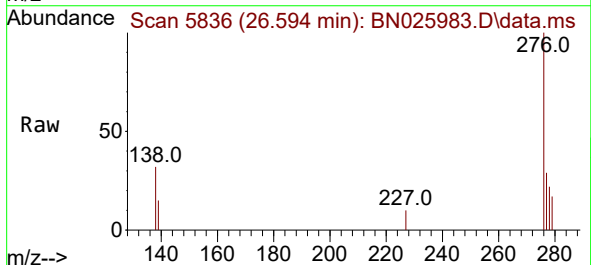
Instrument :
BNA_N
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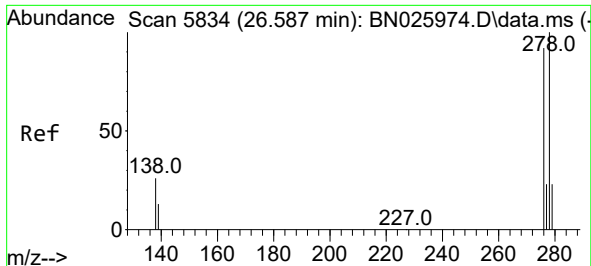
Tgt Ion:252 Resp: 18197
Ion Ratio Lower Upper
252 100
253 35.8 26.0 39.0
125 33.6 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.191 ng/ul
RT: 26.594 min Scan# 5836
Delta R.T. -0.000 min
Lab File: BN025983.D
Acq: 24 Jun 2023 00:30

Tgt Ion:276 Resp: 15411
Ion Ratio Lower Upper
276 100
138 0.0 24.5 36.7#
227 0.0 0.0 0.0

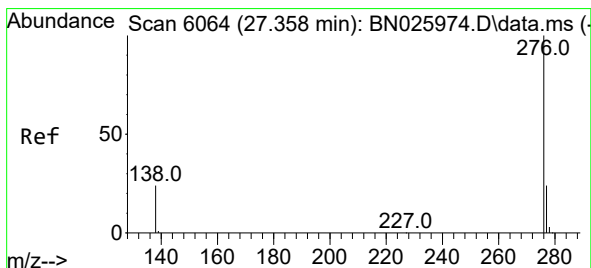
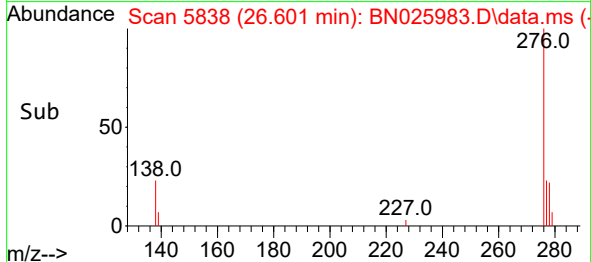
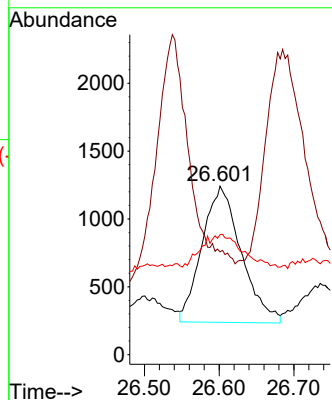
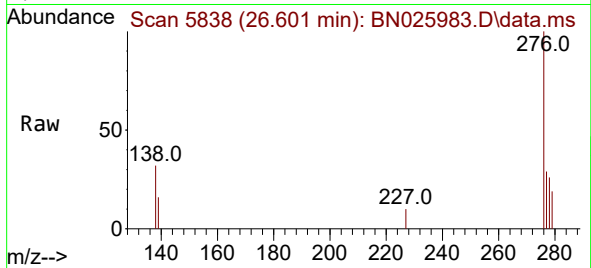




#28
 Dibenzo(a,h)anthracene
 Concen: 0.060 ng/ul
 RT: 26.601 min Scan# 5838
 Delta R.T. -0.020 min
 Lab File: BN025983.D
 Acq: 24 Jun 2023 00:30

Instrument :
 BNA_N
 ClientSampleId :
 DCFP3

Tgt Ion:278 Resp: 3645
 Ion Ratio Lower Upper
 278 100
 139 61.1 19.0 28.4#
 279 71.2 26.7 40.1#



#29
 Benzo(g,h,i)perylene
 Concen: 0.206 ng/ul
 RT: 27.393 min Scan# 6074
 Delta R.T. 0.007 min
 Lab File: BN025983.D
 Acq: 24 Jun 2023 00:30

Tgt Ion:276 Resp: 14767
 Ion Ratio Lower Upper
 276 100
 138 35.0 23.4 35.0
 277 29.0 20.0 30.0

