

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025937.D
 Acq On : 22 Jun 2023 14:58
 Operator : MA/JU
 Sample : 03083-03DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK1DL

Quant Time: Jun 23 01:03:18 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)

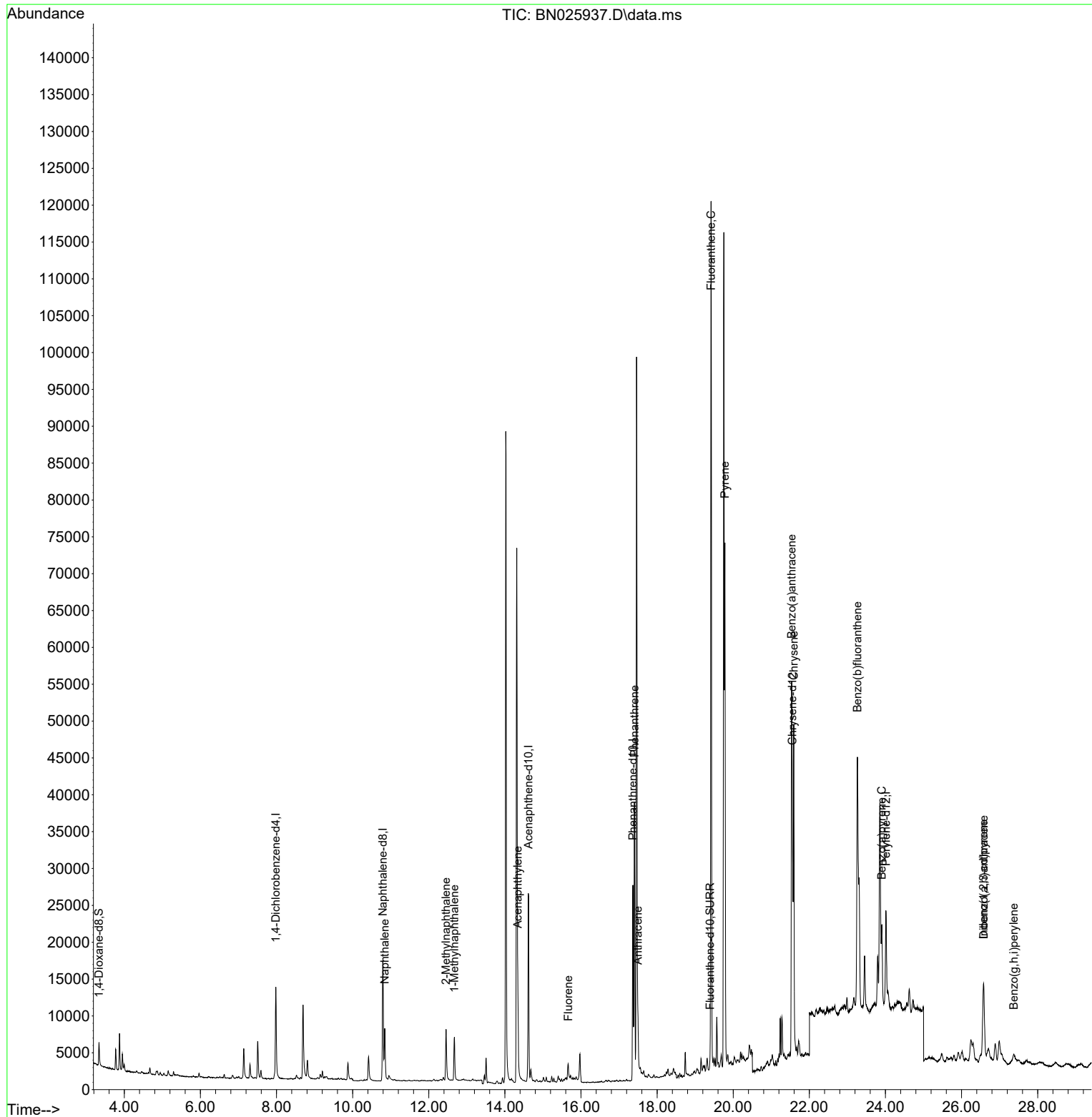
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	7674	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	24522	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	14792	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	31943	0.400	ng/ul	0.00
17) Chrysene-d12	21.552	240	21333	0.400	ng/ul	0.00
23) Perylene-d12	24.013	264	17161	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	2210	0.256	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	693	0.018	ng/ul	0.00
18) Fluoranthene-d10	19.391	212	1670	0.021	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.841	128	10638	0.151	ng/ul	97
7) 2-Methylnaphthalene	12.453	142	5838	0.130	ng/ul	100
8) 1-Methylnaphthalene	12.673	142	4553	0.098	ng/ul	100
10) Acenaphthylene	14.339	152	12808	0.185	ng/ul	98
12) Fluorene	15.666	166	1459	0.022	ng/ul#	87
15) Phenanthrene	17.406	178	42639	0.404	ng/ul	100
16) Anthracene	17.494	178	5761	0.061	ng/ul#	92
19) Fluoranthene	19.419	202	104272	0.915	ng/ul	98
20) Pyrene	19.781	202	59003	0.498	ng/ul	98
21) Benzo(a)anthracene	21.534	228	44291	0.503	ng/ul	94
22) Chrysene	21.590	228	50702	0.554	ng/ul#	94
24) Benzo(b)fluoranthene	23.262	252	86467	1.181	ng/ul	100
26) Benzo(a)pyrene	23.905	252	15562	0.245	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.577	276	17729	0.255	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.580	278	7156	0.136	ng/ul#	63
29) Benzo(g,h,i)perylene	27.372	276	2970	0.048	ng/ul#	36

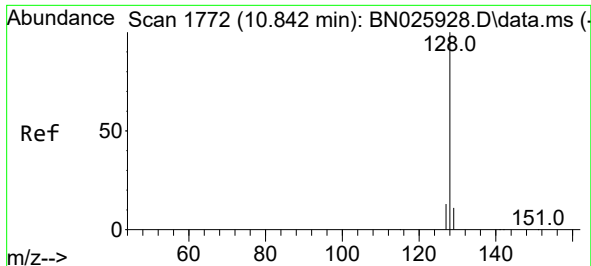
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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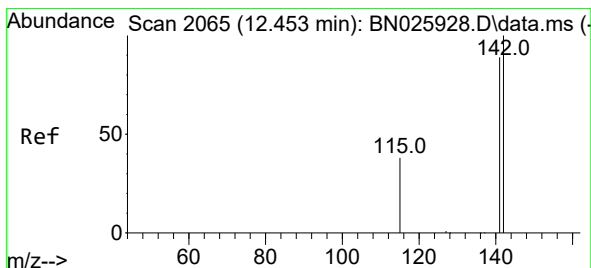
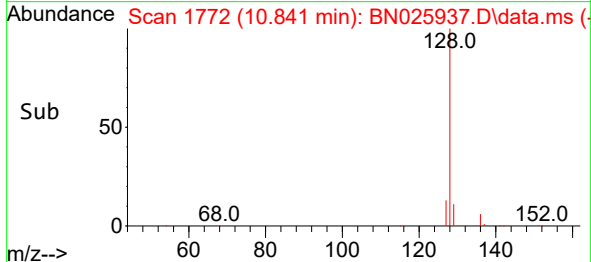
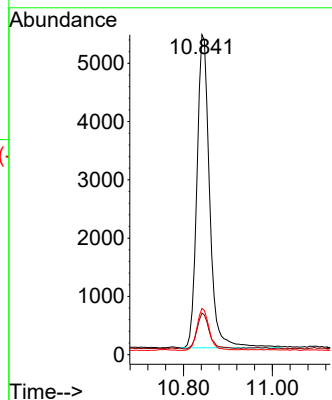
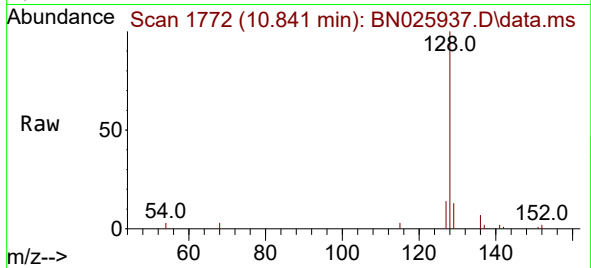




#5
Naphthalene
Concen: 0.151 ng/ul
RT: 10.841 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58

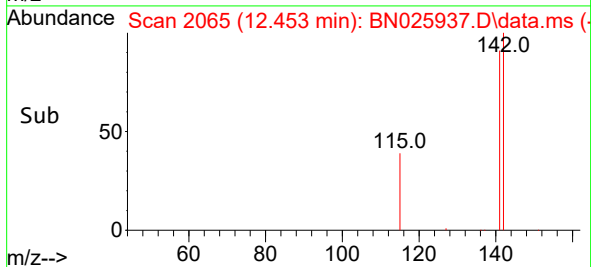
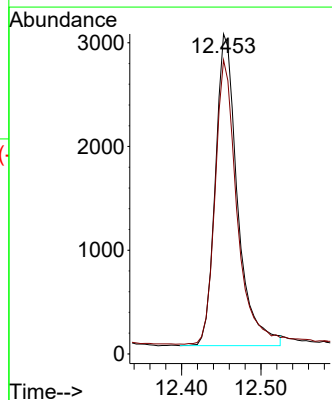
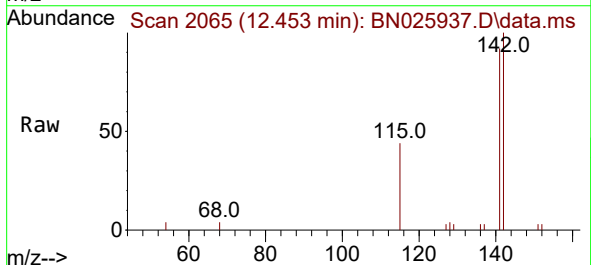
Instrument :
BNA_N
ClientSampleId :
DCFK1DL

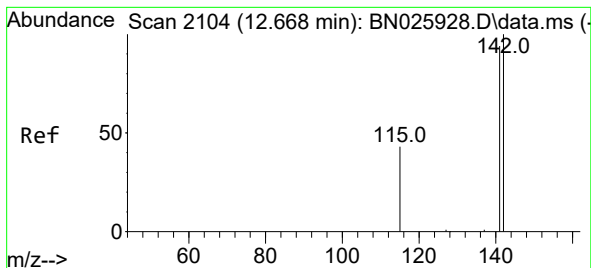
Tgt Ion:128 Resp: 10638
Ion Ratio Lower Upper
128 100
129 13.0 9.1 13.7
127 14.5 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58

Tgt Ion:142 Resp: 5838
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.098 ng/ul

RT: 12.673 min Scan# 2105

Delta R.T. -0.000 min

Lab File: BN025937.D

Acq: 22 Jun 2023 14:58

Instrument :

BNA_N

ClientSampleId :

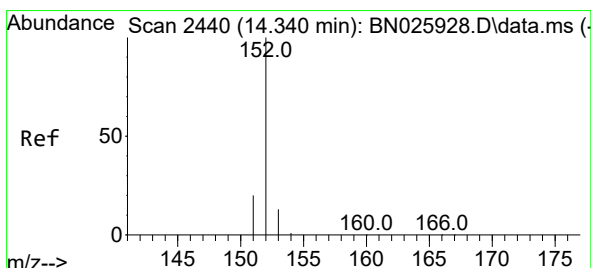
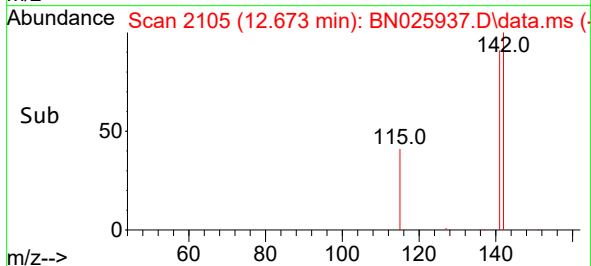
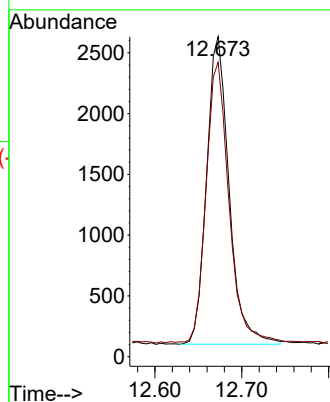
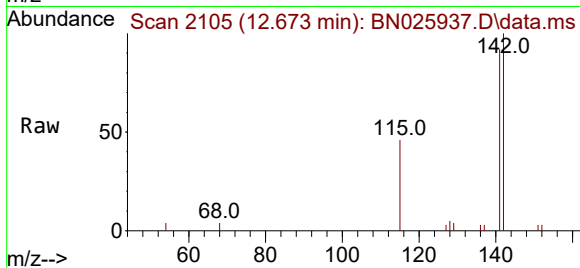
DCFK1DL

Tgt Ion:142 Resp: 4553

Ion Ratio Lower Upper

142 100

141 92.8 74.2 111.4



#10

Acenaphthylene

Concen: 0.185 ng/ul

RT: 14.339 min Scan# 2440

Delta R.T. -0.005 min

Lab File: BN025937.D

Acq: 22 Jun 2023 14:58

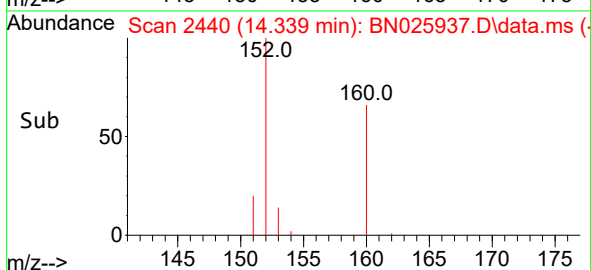
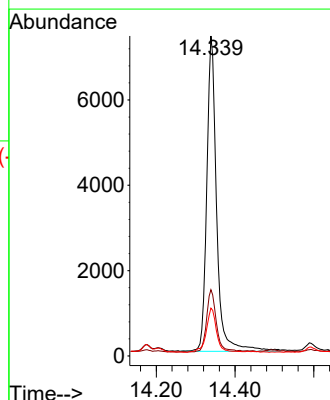
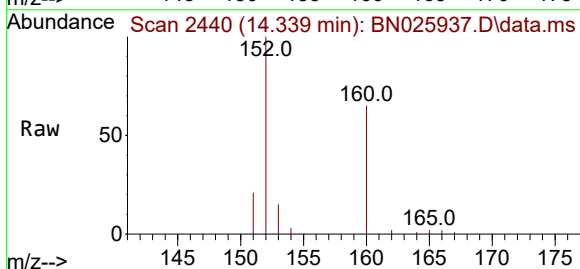
Tgt Ion:152 Resp: 12808

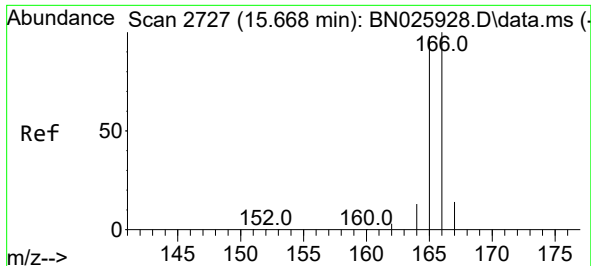
Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

153 15.0 10.9 16.3

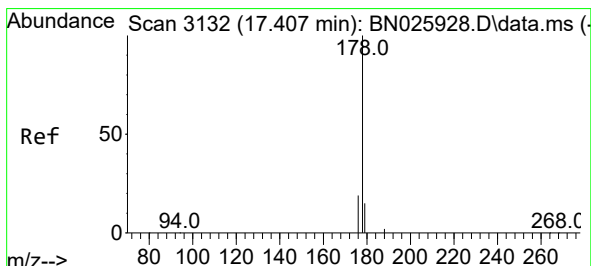
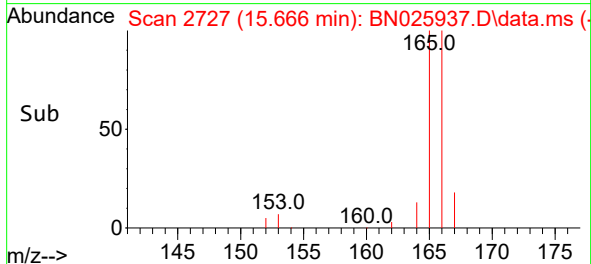
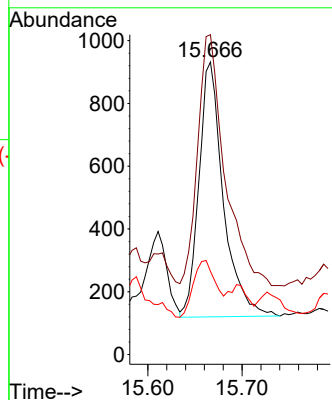
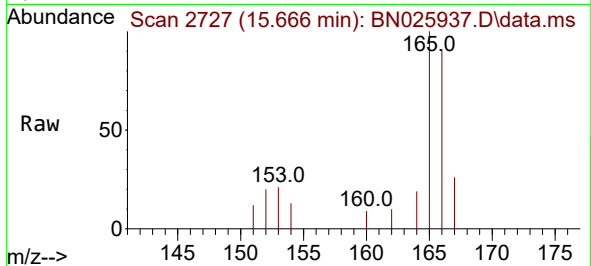




#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.666 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58

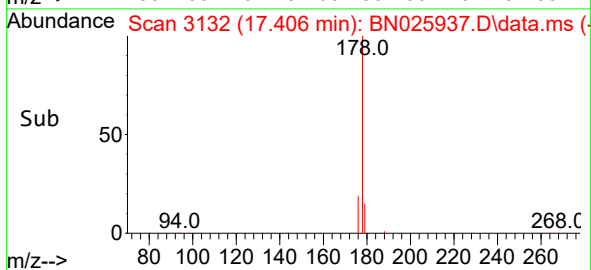
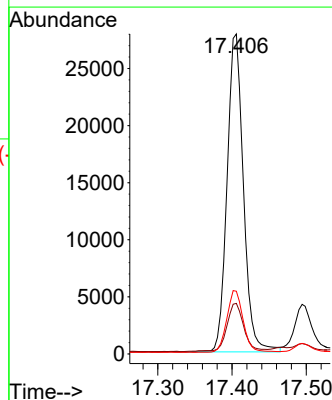
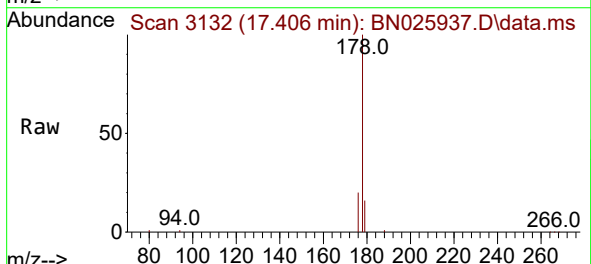
Instrument :
BNA_N
ClientSampleId :
DCFK1DL

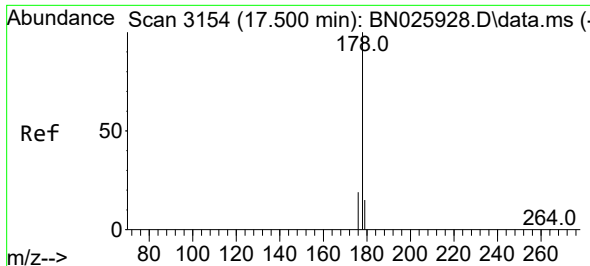
Tgt Ion:166 Resp: 1459
Ion Ratio Lower Upper
166 100
165 109.3 79.9 119.9
167 28.4 10.8 16.2#



#15
Phenanthrene
Concen: 0.404 ng/ul
RT: 17.406 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58

Tgt Ion:178 Resp: 42639
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.6 15.8 23.6

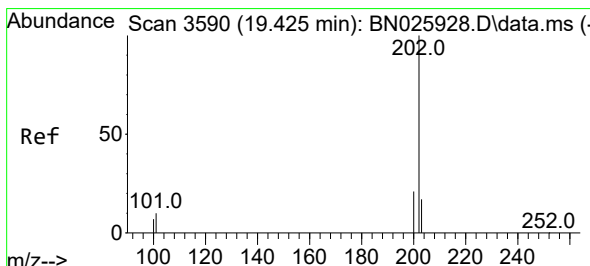
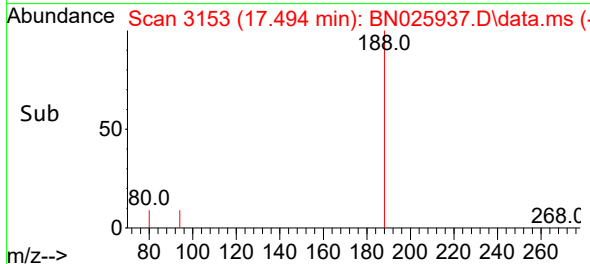
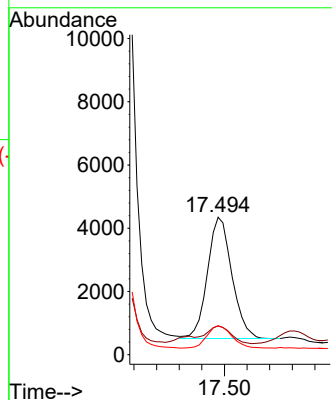
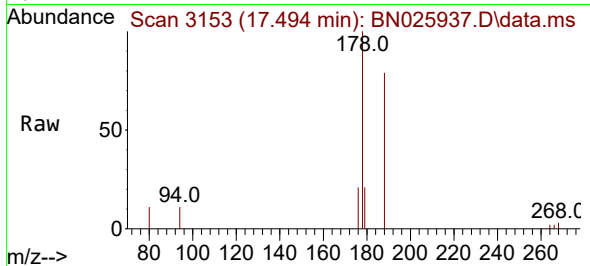




#16
 Anthracene
 Concen: 0.061 ng/ul
 RT: 17.494 min Scan# 3154
 Delta R.T. -0.005 min
 Lab File: BN025937.D
 Acq: 22 Jun 2023 14:58

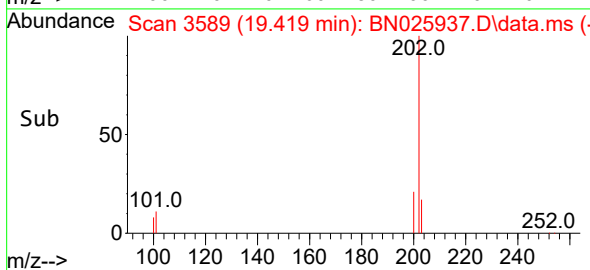
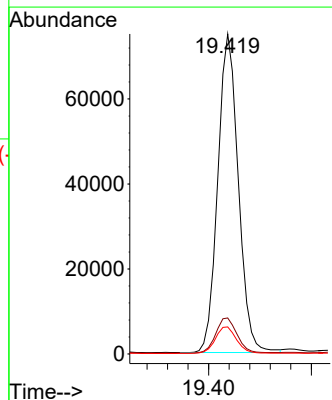
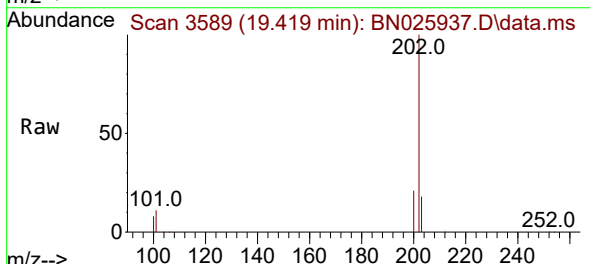
Instrument :
 BNA_N
 ClientSampleId :
 DCFK1DL

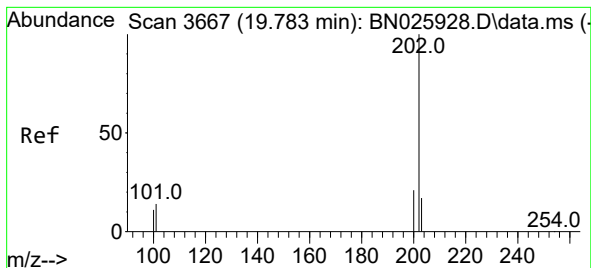
Tgt Ion:178 Resp: 5761
 Ion Ratio Lower Upper
 178 100
 179 20.9 12.6 18.8#
 176 21.1 15.1 22.7



#19
 Fluoranthene
 Concen: 0.915 ng/ul
 RT: 19.419 min Scan# 3589
 Delta R.T. -0.001 min
 Lab File: BN025937.D
 Acq: 22 Jun 2023 14:58

Tgt Ion:202 Resp: 104272
 Ion Ratio Lower Upper
 202 100
 101 11.3 9.5 14.3
 100 8.5 7.3 10.9





#20

Pyrene

Concen: 0.498 ng/ul

RT: 19.781 min Scan# 3667

Delta R.T. -0.001 min

Lab File: BN025937.D

Acq: 22 Jun 2023 14:58

Instrument :

BNA_N

ClientSampleId :

DCFK1DL

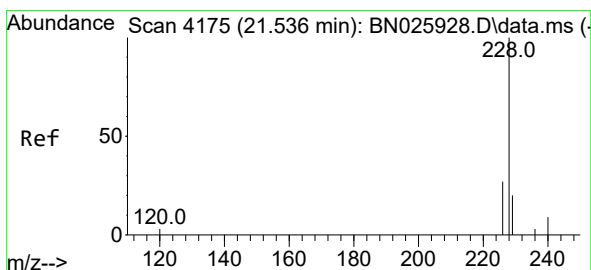
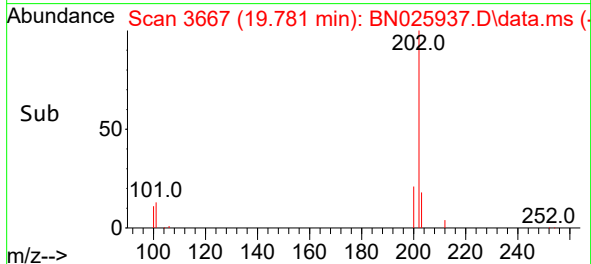
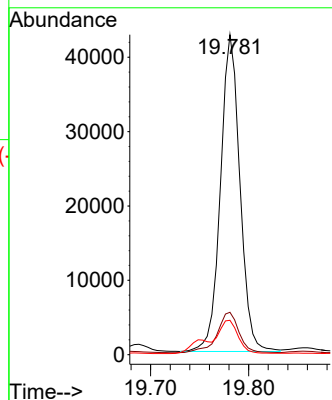
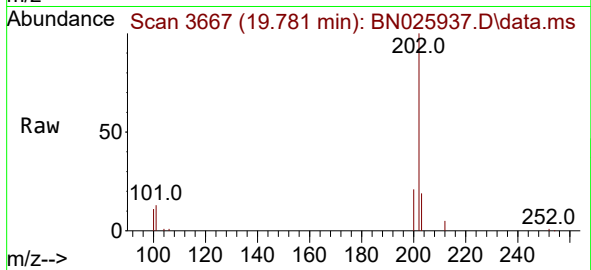
Tgt Ion:202 Resp: 59003

Ion Ratio Lower Upper

202 100

101 13.3 11.4 17.0

100 10.8 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.503 ng/ul

RT: 21.534 min Scan# 4175

Delta R.T. 0.002 min

Lab File: BN025937.D

Acq: 22 Jun 2023 14:58

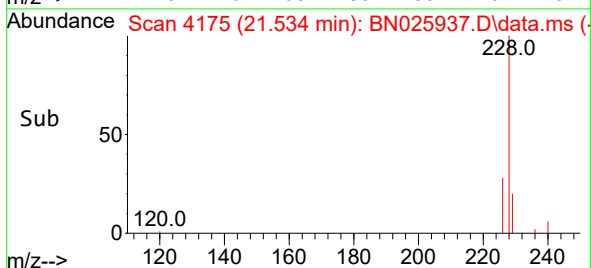
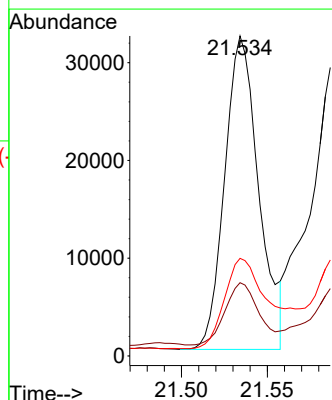
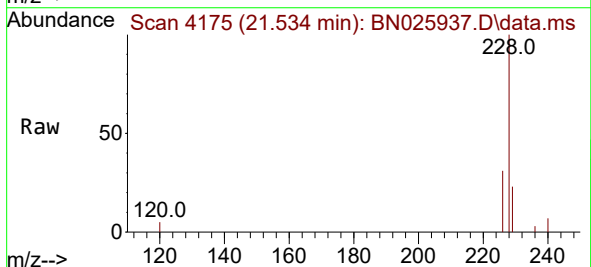
Tgt Ion:228 Resp: 44291

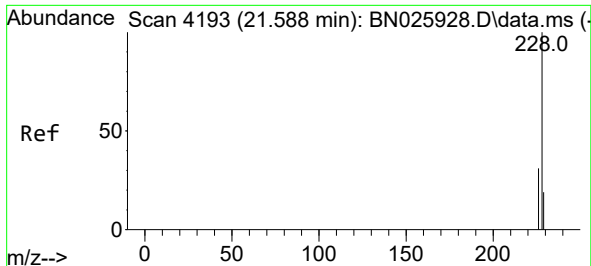
Ion Ratio Lower Upper

228 100

229 22.9 15.8 23.6

226 30.5 22.5 33.7





#22

Chrysene

Concen: 0.554 ng/ul

RT: 21.590 min Scan# 4193

Delta R.T. 0.005 min

Lab File: BN025937.D

Acq: 22 Jun 2023 14:58

Instrument :

BNA_N

ClientSampleId :

DCFK1DL

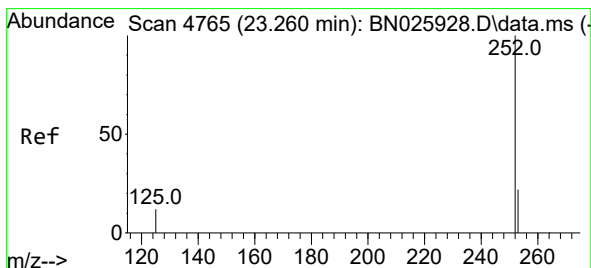
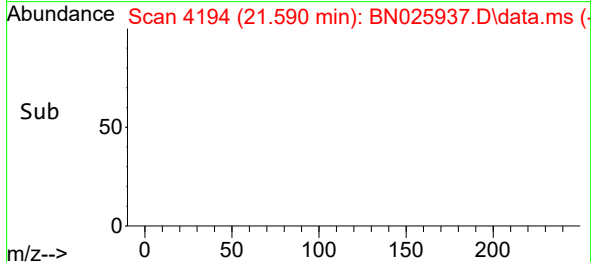
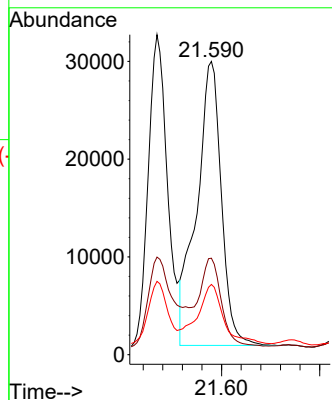
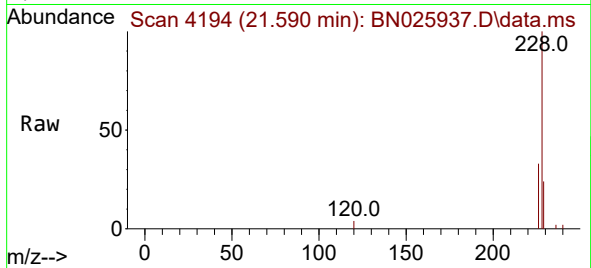
Tgt Ion:228 Resp: 50702

Ion Ratio Lower Upper

228 100

226 32.9 24.8 37.2

229 24.0 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 1.181 ng/ul

RT: 23.262 min Scan# 4766

Delta R.T. 0.005 min

Lab File: BN025937.D

Acq: 22 Jun 2023 14:58

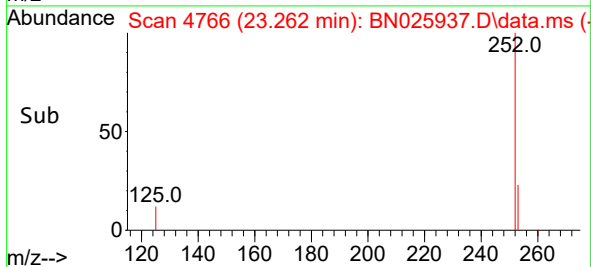
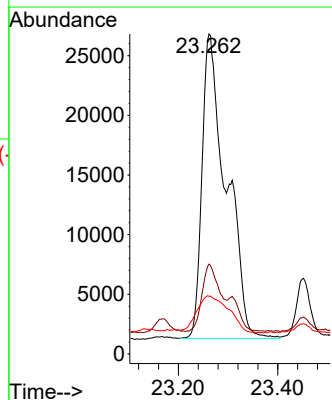
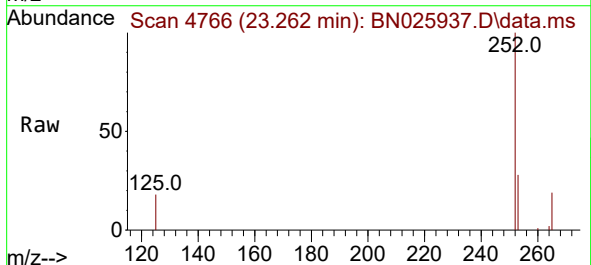
Tgt Ion:252 Resp: 86467

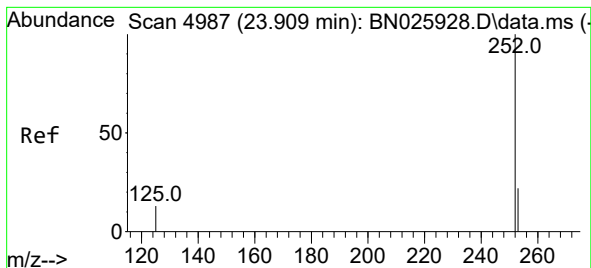
Ion Ratio Lower Upper

252 100

253 28.1 0.0 55.6

125 18.0 0.0 35.8





#26

Benzo(a)pyrene

Concen: 0.245 ng/ul

RT: 23.905 min Scan# 4987

Delta R.T. -0.004 min

Lab File: BN025937.D

Acq: 22 Jun 2023 14:58

Instrument :

BNA_N

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DCFK1DL

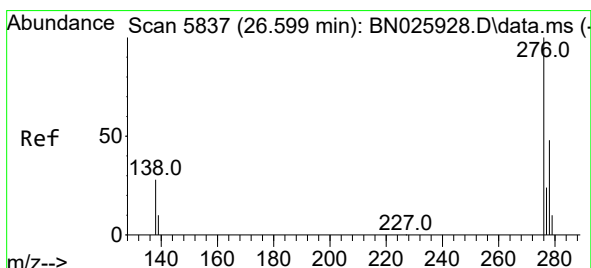
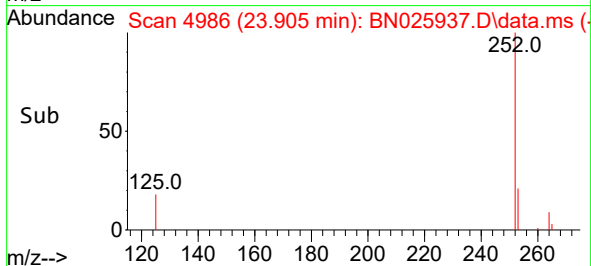
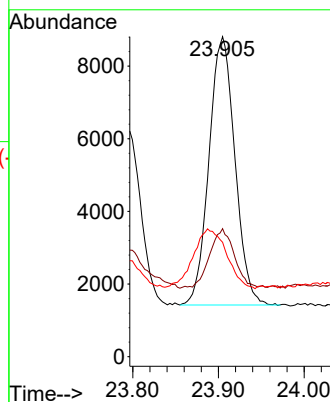
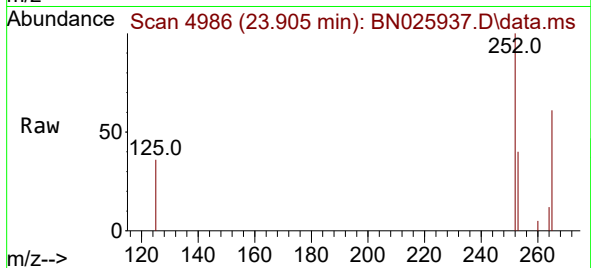
Tgt Ion:252 Resp: 15562

Ion Ratio Lower Upper

252 100

253 40.0 26.0 39.0#

125 35.8 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.255 ng/ul

RT: 26.577 min Scan# 5831

Delta R.T. -0.017 min

Lab File: BN025937.D

Acq: 22 Jun 2023 14:58

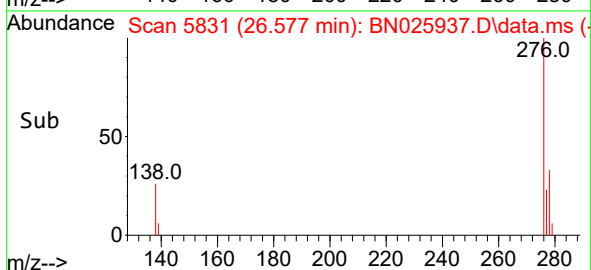
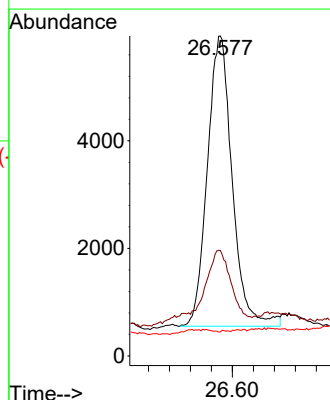
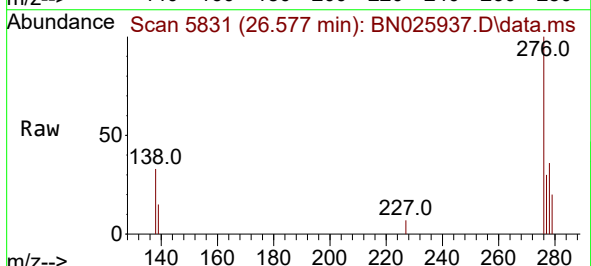
Tgt Ion:276 Resp: 17729

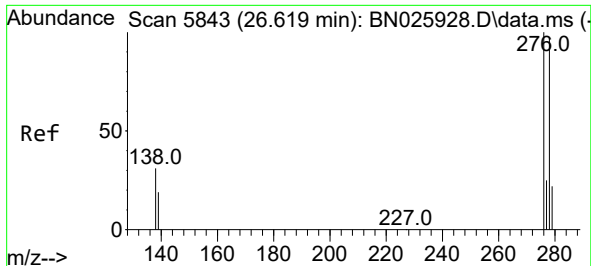
Ion Ratio Lower Upper

276 100

138 27.3 24.5 36.7

227 0.1 0.0 0.0#

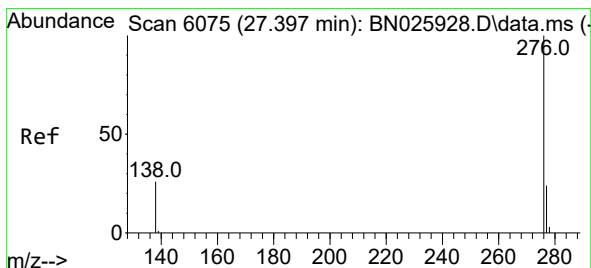
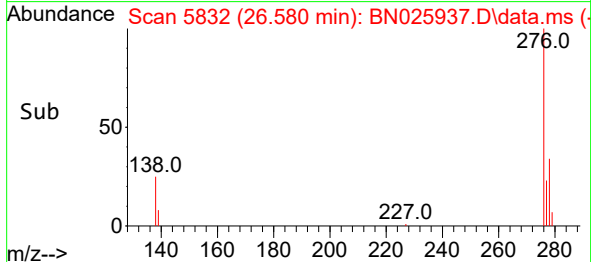
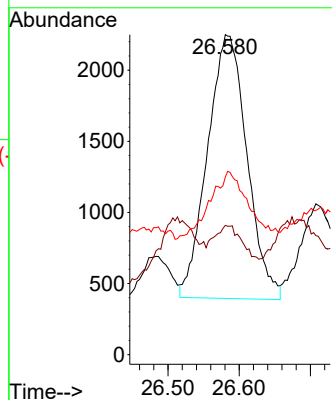
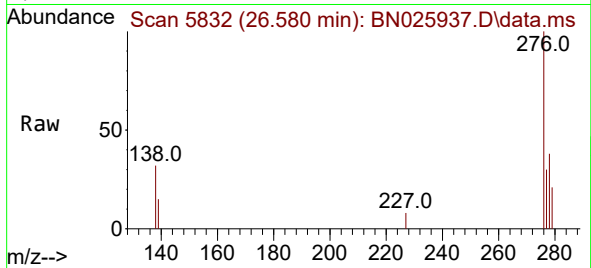




#28
Dibenzo(a,h)anthracene
Concen: 0.136 ng/ul
RT: 26.580 min Scan# 5832
Delta R.T. -0.041 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58

Instrument :
BNA_N
ClientSampleId :
DCFK1DL

Tgt Ion:278 Resp: 7156
Ion Ratio Lower Upper
278 100
139 40.4 19.0 28.4#
279 55.5 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 0.048 ng/ul
RT: 27.372 min Scan# 6068
Delta R.T. -0.014 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58

Tgt Ion:276 Resp: 2970
Ion Ratio Lower Upper
276 100
138 64.1 23.4 35.0#
277 56.9 20.0 30.0#

