

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025936.D
 Acq On : 22 Jun 2023 14:22
 Operator : MA/JU
 Sample : 03083-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK8

Quant Time: Jun 23 01:03:08 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

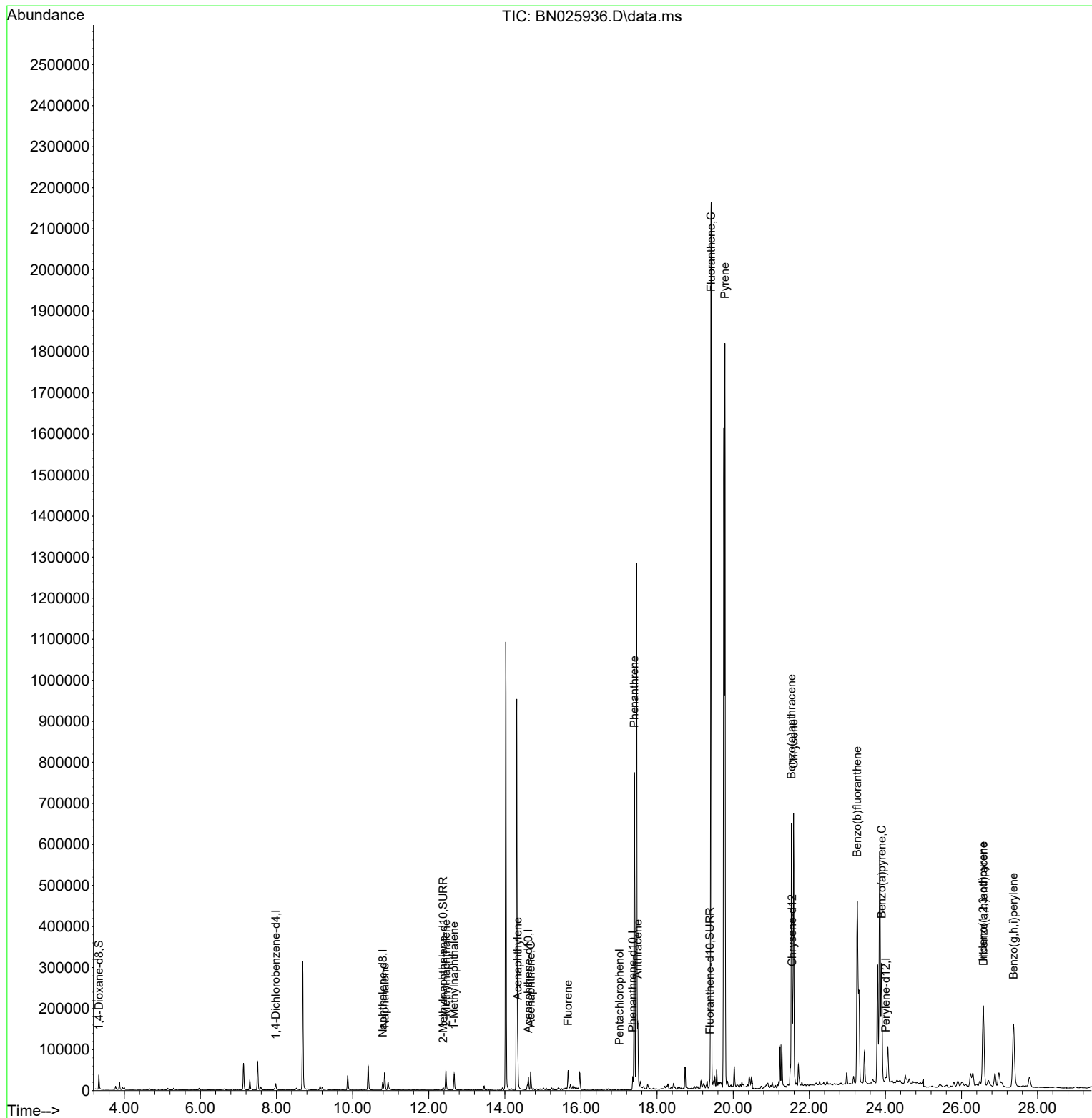
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	8681	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	26862	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	16923	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	36107	0.400	ng/ul	0.00
17) Chrysene-d12	21.549	240	20387	0.400	ng/ul	0.00
23) Perylene-d12	24.010	264	16719	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	23187	2.372	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	7976	0.193	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	18439	0.238	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.842	128	60839	0.790	ng/ul	100
7) 2-Methylnaphthalene	12.453	142	35797	0.730	ng/ul	99
8) 1-Methylnaphthalene	12.667	142	27769	0.547	ng/ul	100
10) Acenaphthylene	14.339	152	103131	1.301	ng/ul	99
11) Acenaphthene	14.681	153	26339	0.406	ng/ul	98
12) Fluorene	15.662	166	30079	0.405	ng/ul#	99
14) Pentachlorophenol	17.013	266	379	0.029	ng/ul	89
15) Phenanthrene	17.402	178	841726	7.058	ng/ul	99
16) Anthracene	17.494	178	154486	1.457	ng/ul	100
19) Fluoranthene	19.419	202	1920696	17.639	ng/ul	97
20) Pyrene	19.782	202	1484906	13.111	ng/ul	96
21) Benzo(a)anthracene	21.532	228	596088	7.088	ng/ul	97
22) Chrysene	21.587	228	704577	8.051	ng/ul	98
24) Benzo(b)fluoranthene	23.259	252	1101633	15.438	ng/ul	90
26) Benzo(a)pyrene	23.902	252	445991	7.196	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.567	276	342202	5.055	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.577	278	83434	1.628	ng/ul	97
29) Benzo(g,h,i)perylene	27.366	276	363902	6.043	ng/ul	95

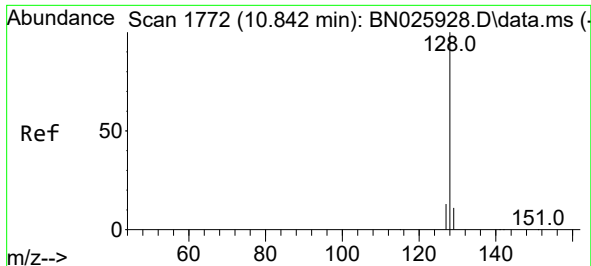
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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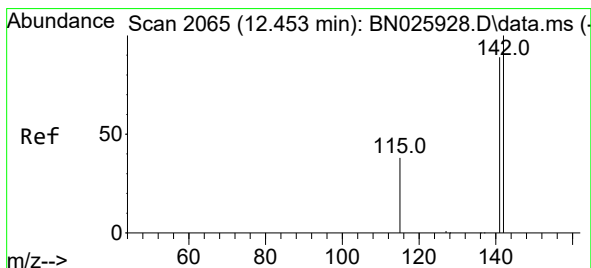
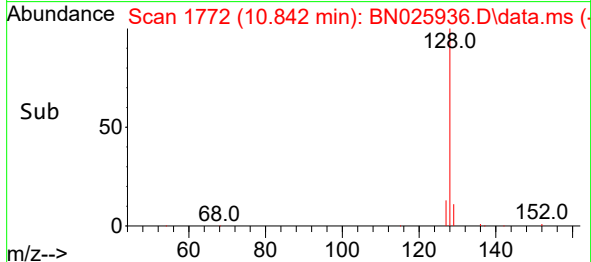
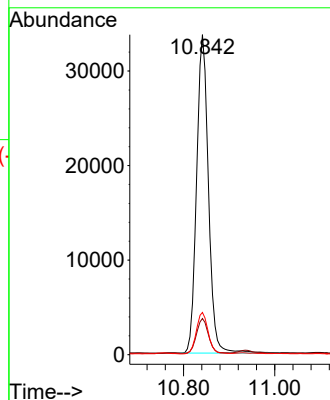
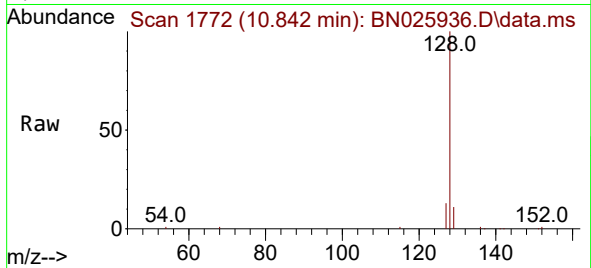




#5
Naphthalene
Concen: 0.790 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BN025936.D
Acq: 22 Jun 2023 14:22

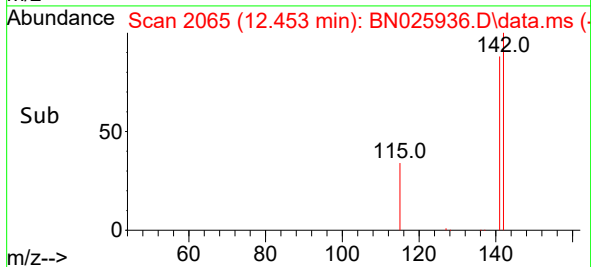
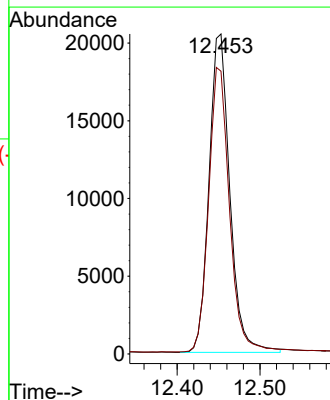
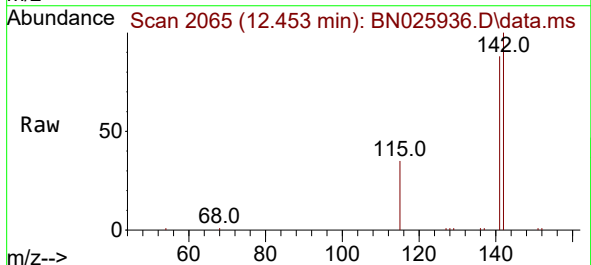
Instrument :
BNA_N
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DCFK8

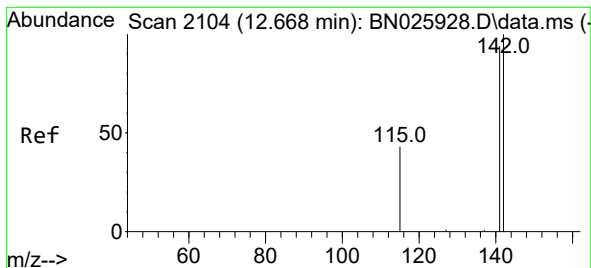
Tgt Ion:128 Resp: 60839
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.2 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.730 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025936.D
Acq: 22 Jun 2023 14:22

Tgt Ion:142 Resp: 35797
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.547 ng/ul

RT: 12.667 min Scan# 2104

Delta R.T. -0.006 min

Lab File: BN025936.D

Acq: 22 Jun 2023 14:22

Instrument :

BNA_N

ClientSampleId :

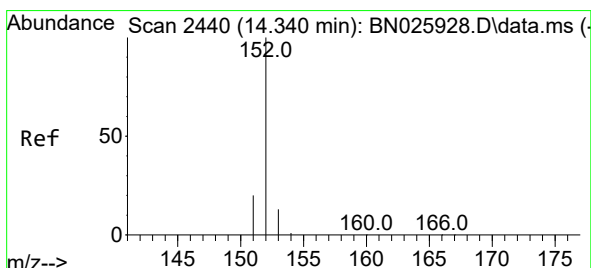
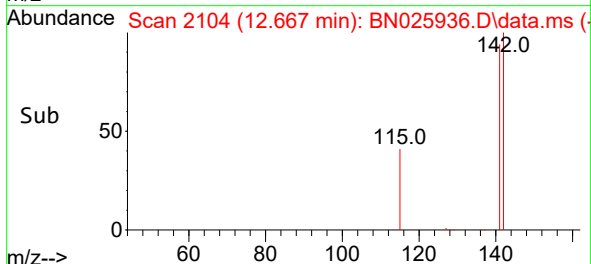
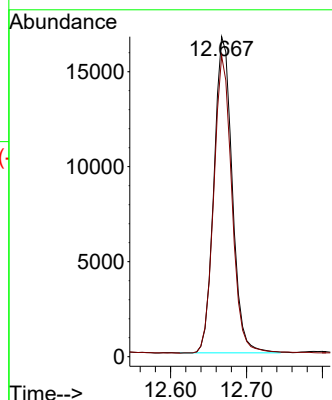
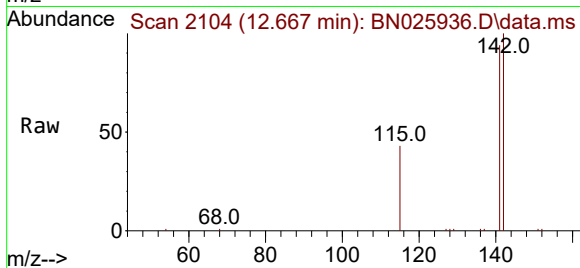
DCFK8

Tgt Ion:142 Resp: 27769

Ion Ratio Lower Upper

142 100

141 92.9 74.2 111.4



#10

Acenaphthylene

Concen: 1.301 ng/ul

RT: 14.339 min Scan# 2440

Delta R.T. -0.005 min

Lab File: BN025936.D

Acq: 22 Jun 2023 14:22

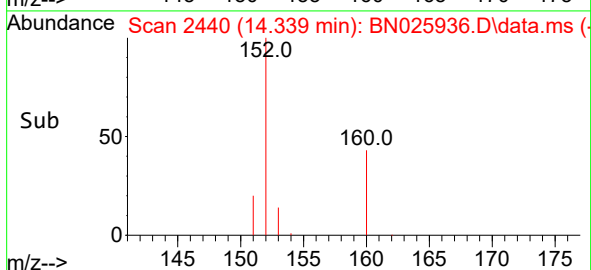
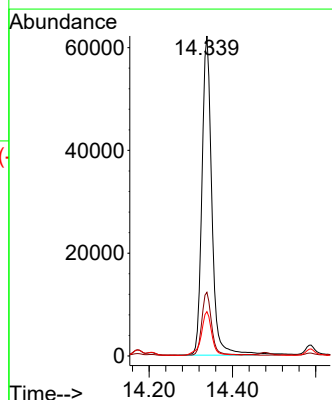
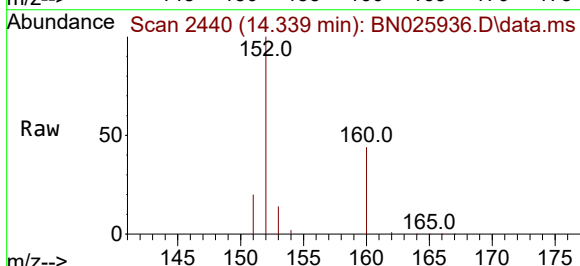
Tgt Ion:152 Resp: 103131

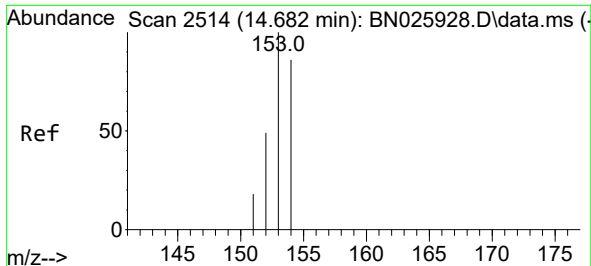
Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 13.8 10.9 16.3

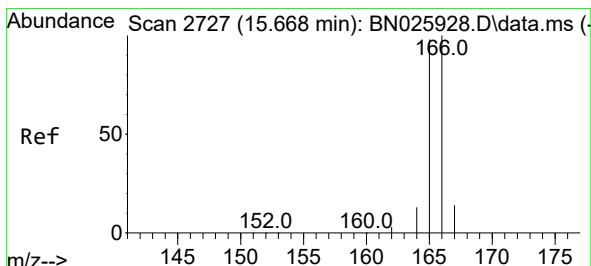
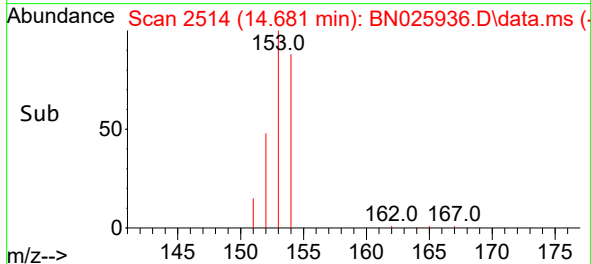
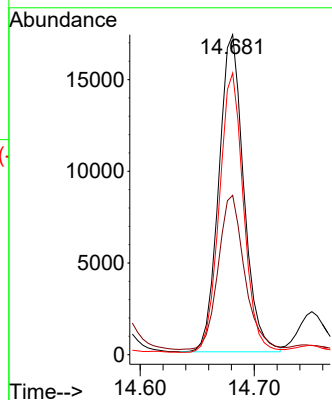
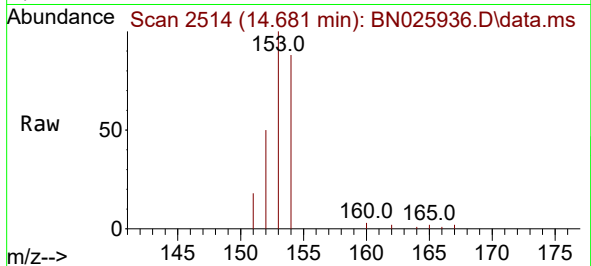




#11
Acenaphthene
Concen: 0.406 ng/ul
RT: 14.681 min Scan# 214
Delta R.T. -0.000 min
Lab File: BN025936.D
Acq: 22 Jun 2023 14:22

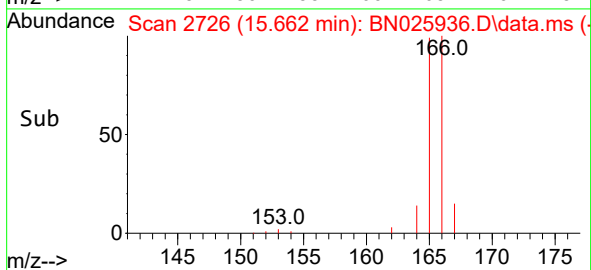
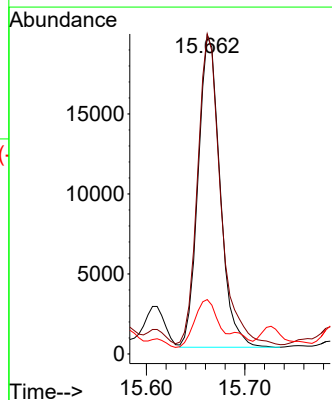
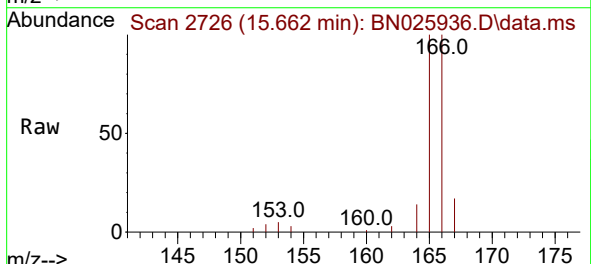
Instrument :
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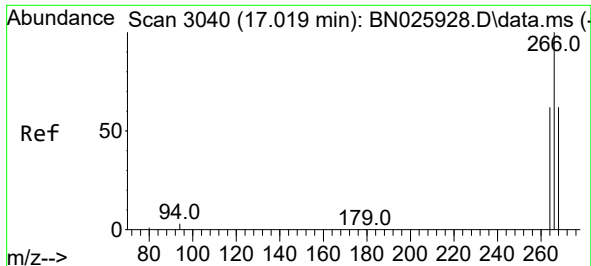
Tgt Ion:153 Resp: 26339
Ion Ratio Lower Upper
153 100
152 49.8 39.4 59.0
154 88.0 68.9 103.3



#12
Fluorene
Concen: 0.405 ng/ul
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025936.D
Acq: 22 Jun 2023 14:22

Tgt Ion:166 Resp: 30079
Ion Ratio Lower Upper
166 100
165 100.3 79.9 119.9
167 17.0 10.8 16.2#

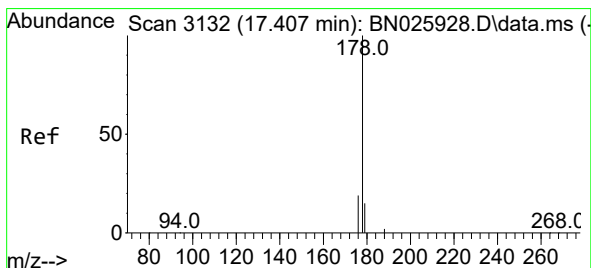
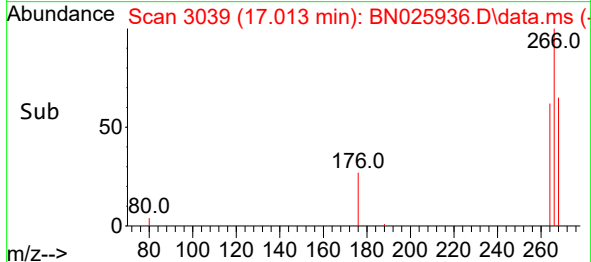
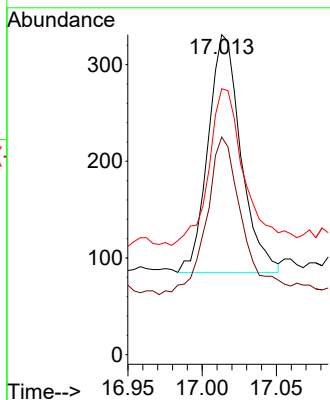
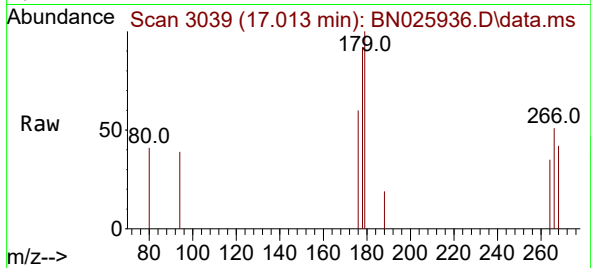




#14
Pentachlorophenol
Concen: 0.029 ng/ul
RT: 17.013 min Scan# 3040
Delta R.T. -0.004 min
Lab File: BN025936.D
Acq: 22 Jun 2023 14:22

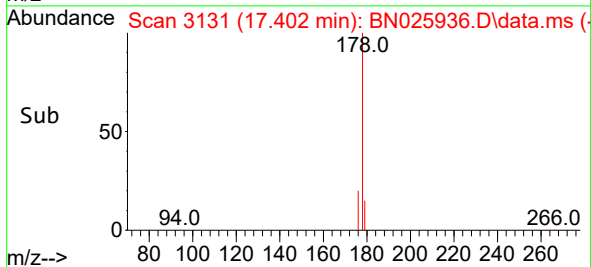
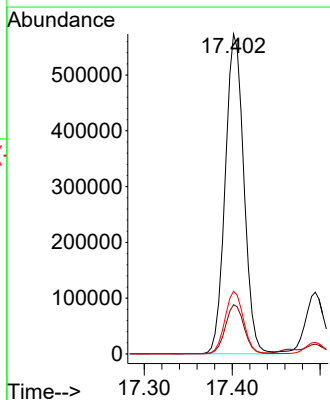
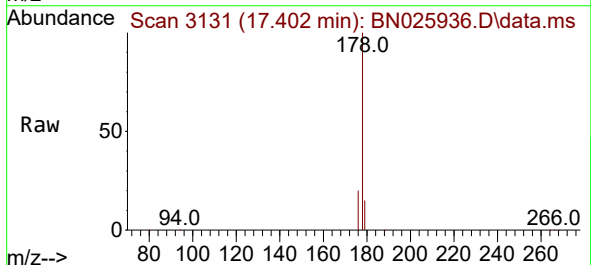
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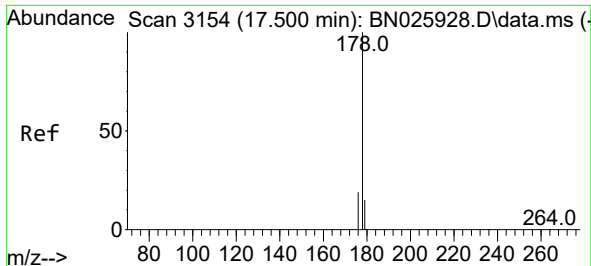
Tgt Ion:266 Resp: 379
Ion Ratio Lower Upper
266 100
264 74.9 50.5 75.7
268 70.2 51.6 77.4



#15
Phenanthrene
Concen: 7.058 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN025936.D
Acq: 22 Jun 2023 14:22

Tgt Ion:178 Resp: 841726
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.6 15.8 23.6

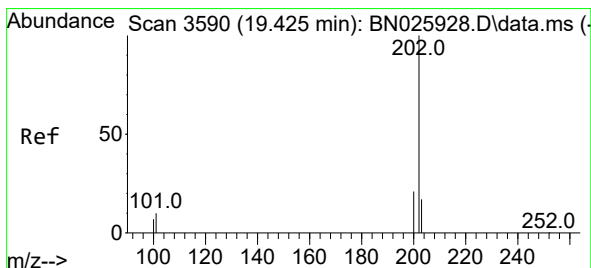
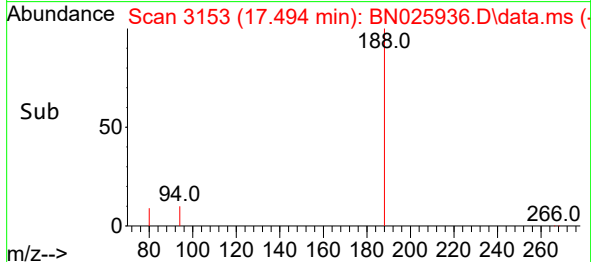
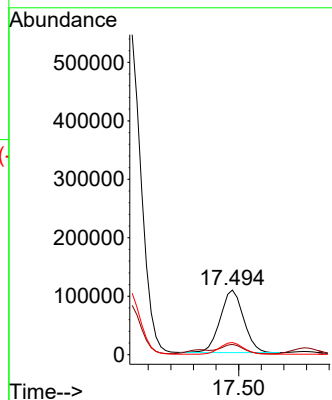
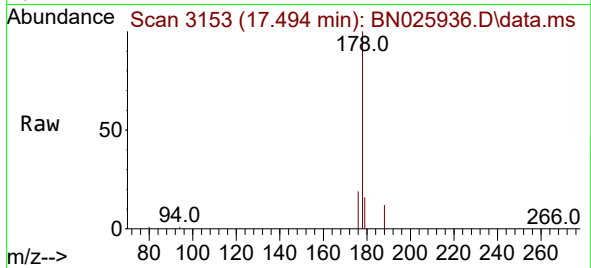




#16
 Anthracene
 Concen: 1.457 ng/ul
 RT: 17.494 min Scan# 3154
 Delta R.T. -0.004 min
 Lab File: BN025936.D
 Acq: 22 Jun 2023 14:22

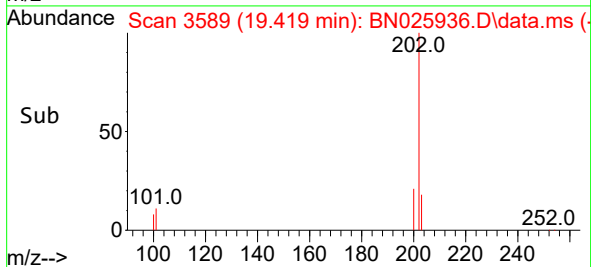
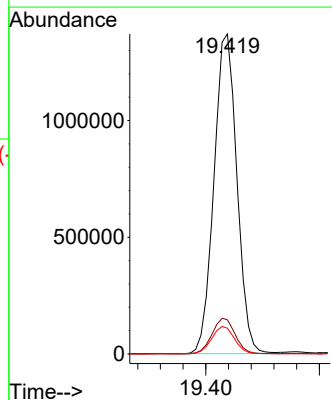
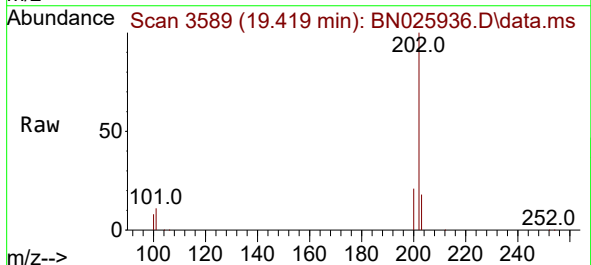
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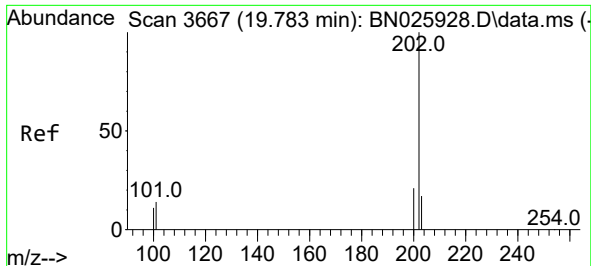
Tgt Ion:178 Resp: 154486
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.6 18.8
 176 18.8 15.1 22.7



#19
 Fluoranthene
 Concen: 17.639 ng/ul
 RT: 19.419 min Scan# 3589
 Delta R.T. -0.000 min
 Lab File: BN025936.D
 Acq: 22 Jun 2023 14:22

Tgt Ion:202 Resp: 1920696
 Ion Ratio Lower Upper
 202 100
 101 10.7 9.5 14.3
 100 8.1 7.3 10.9

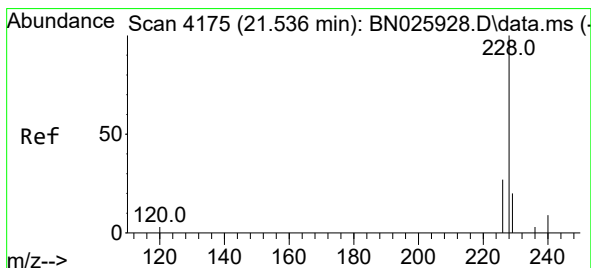
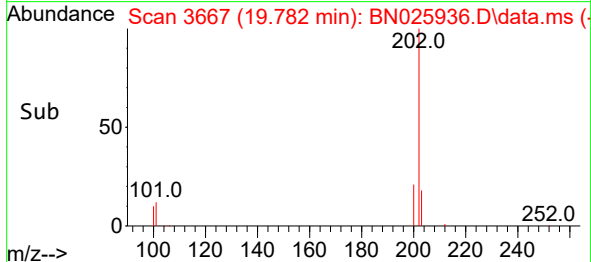
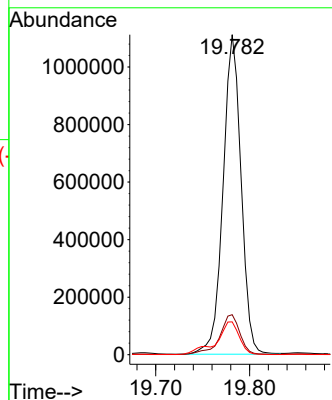
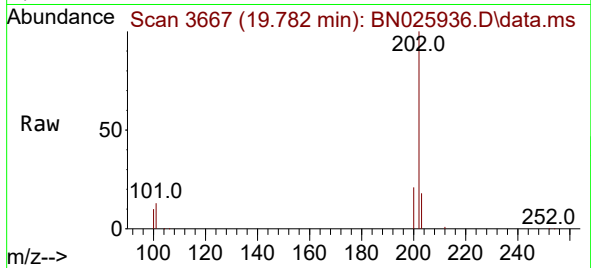




#20
Pyrene
Concen: 13.111 ng/ul
RT: 19.782 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025936.D
Acq: 22 Jun 2023 14:22

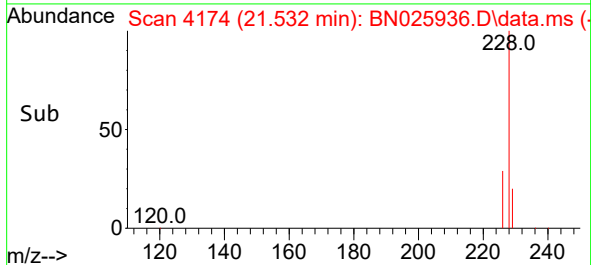
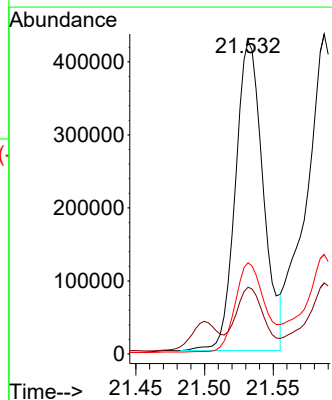
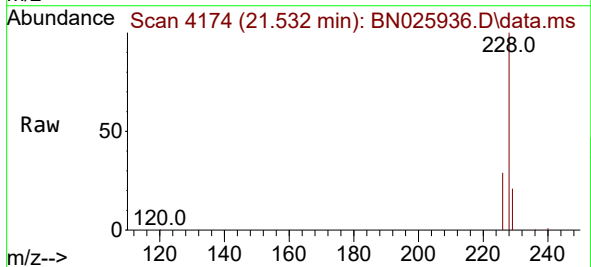
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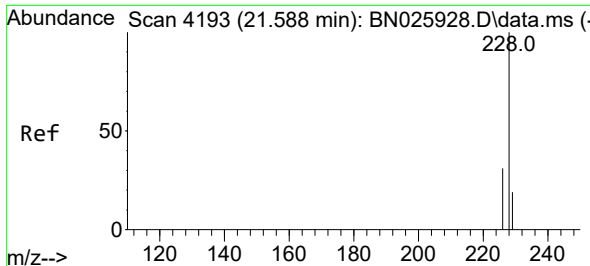
Tgt Ion:202 Resp: 1484906
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.3 9.1 13.7



#21
Benzo(a)anthracene
Concen: 7.088 ng/ul
RT: 21.532 min Scan# 4174
Delta R.T. -0.000 min
Lab File: BN025936.D
Acq: 22 Jun 2023 14:22

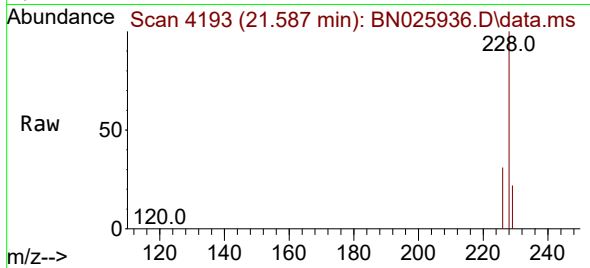
Tgt Ion:228 Resp: 596088
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.6
226 29.1 22.5 33.7



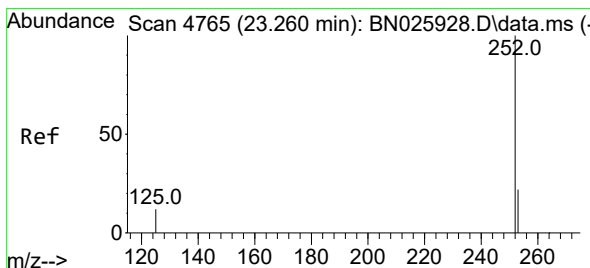
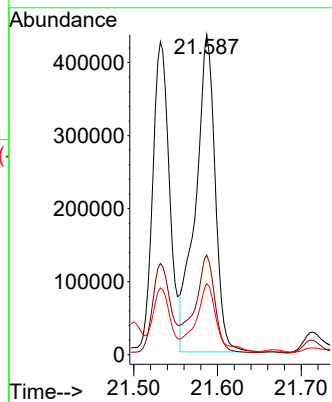
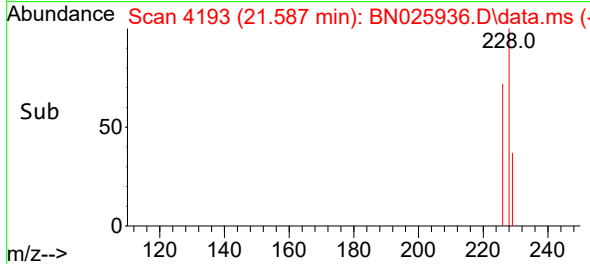


#22
Chrysene
Concen: 8.051 ng/ul
RT: 21.587 min Scan# 4193
Delta R.T. 0.003 min
Lab File: BN025936.D
Acq: 22 Jun 2023 14:22

Instrument :
BNA_N
ClientSampleId :
DCFK8

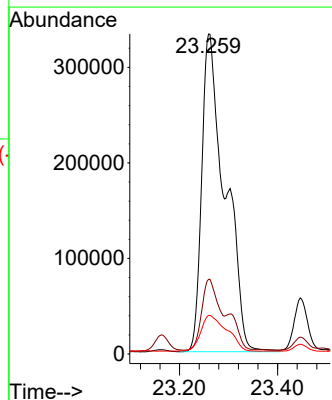
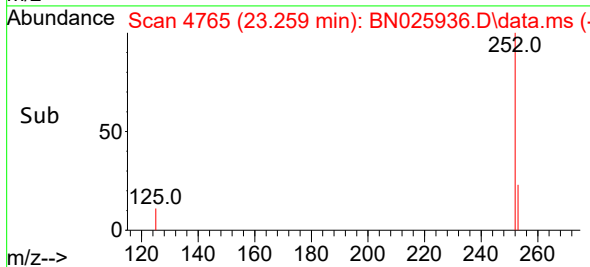
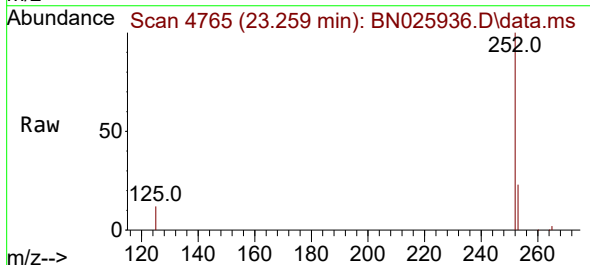


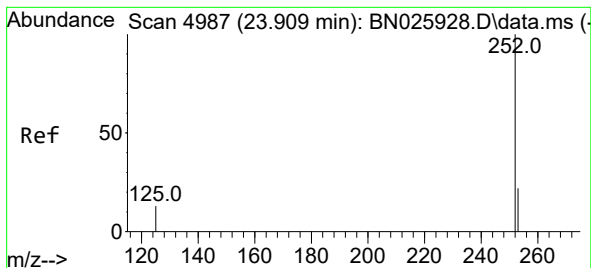
Tgt Ion:228 Resp: 704577
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 22.2 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 15.438 ng/ul
RT: 23.259 min Scan# 4765
Delta R.T. 0.003 min
Lab File: BN025936.D
Acq: 22 Jun 2023 14:22

Tgt Ion:252 Resp: 1101633
Ion Ratio Lower Upper
252 100
253 23.3 0.0 55.6
125 12.1 0.0 35.8





#26

Benzo(a)pyrene

Concen: 7.196 ng/ul

RT: 23.902 min Scan# 4985

Delta R.T. -0.006 min

Lab File: BN025936.D

Acq: 22 Jun 2023 14:22

Instrument :

BNA_N

ClientSampleId :

DCFK8

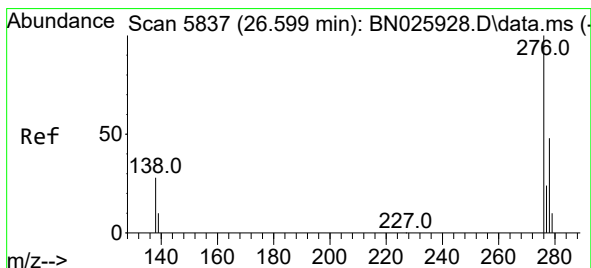
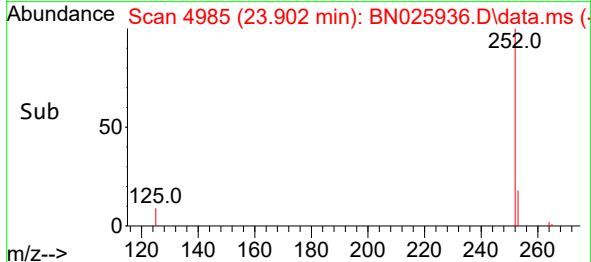
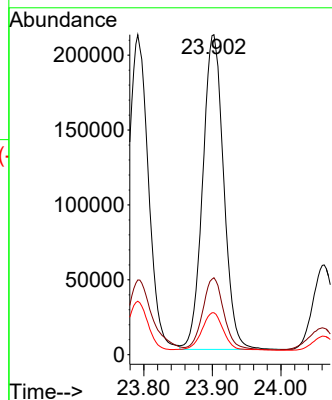
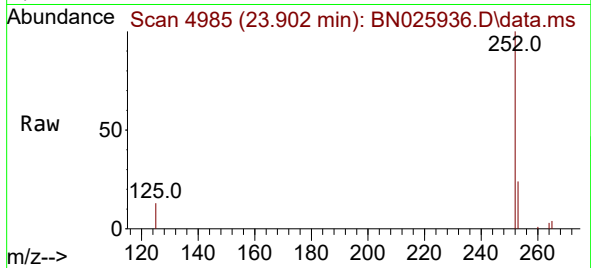
Tgt Ion:252 Resp: 445991

Ion Ratio Lower Upper

252 100

253 24.1 26.0 39.0#

125 13.1 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 5.055 ng/ul

RT: 26.567 min Scan# 5828

Delta R.T. -0.027 min

Lab File: BN025936.D

Acq: 22 Jun 2023 14:22

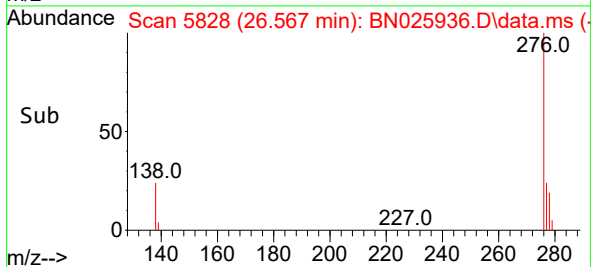
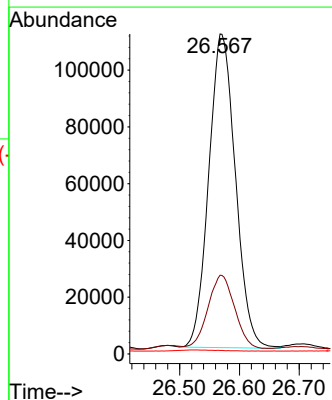
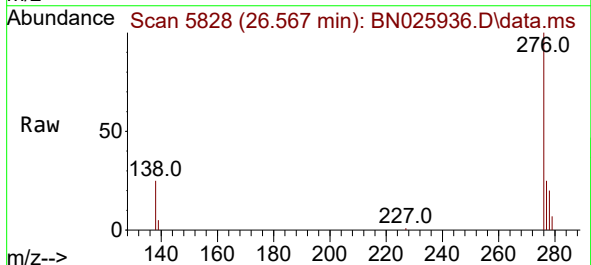
Tgt Ion:276 Resp: 342202

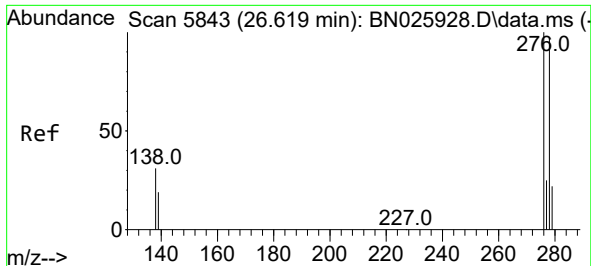
Ion Ratio Lower Upper

276 100

138 23.9 24.5 36.7#

227 0.0 0.0 0.0

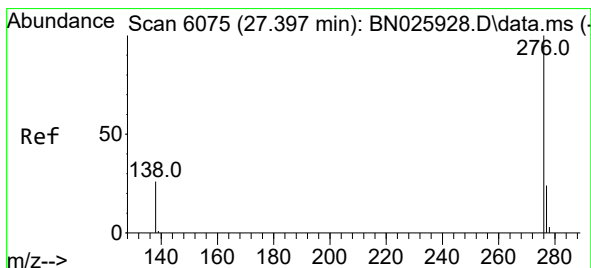
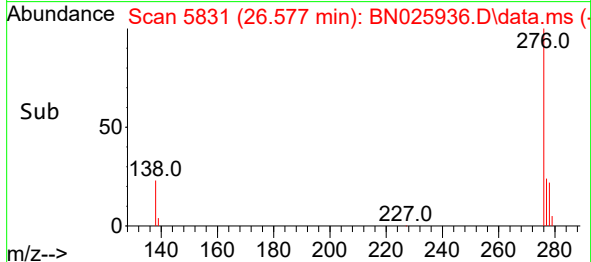
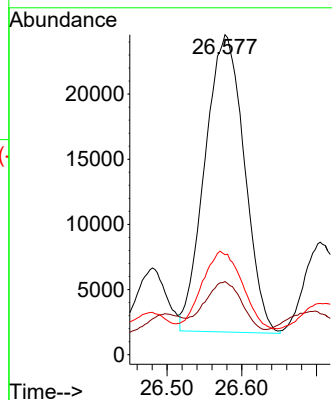
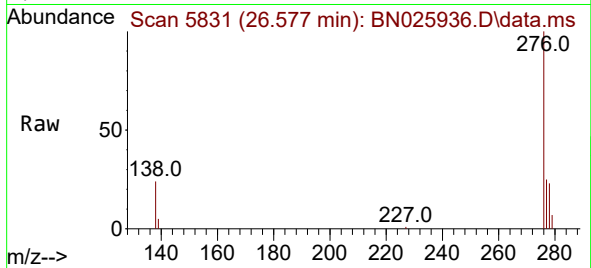




#28
Dibenzo(a,h)anthracene
Concen: 1.628 ng/ul
RT: 26.577 min Scan# 5843
Delta R.T. -0.044 min
Lab File: BN025936.D
Acq: 22 Jun 2023 14:22

Instrument :
BNA_N
ClientSampleId :
DCFK8

Tgt Ion:278 Resp: 83434
Ion Ratio Lower Upper
278 100
139 22.9 19.0 28.4
279 31.3 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 6.043 ng/ul
RT: 27.366 min Scan# 6066
Delta R.T. -0.020 min
Lab File: BN025936.D
Acq: 22 Jun 2023 14:22

Tgt Ion:276 Resp: 363902
Ion Ratio Lower Upper
276 100
138 24.5 23.4 35.0
277 24.3 20.0 30.0

