

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019921.D
 Acq On : 24 May 2022 12:30
 Operator : CG/JU
 Sample : N2843-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4H3DL

Quant Time: May 25 01:45:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

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

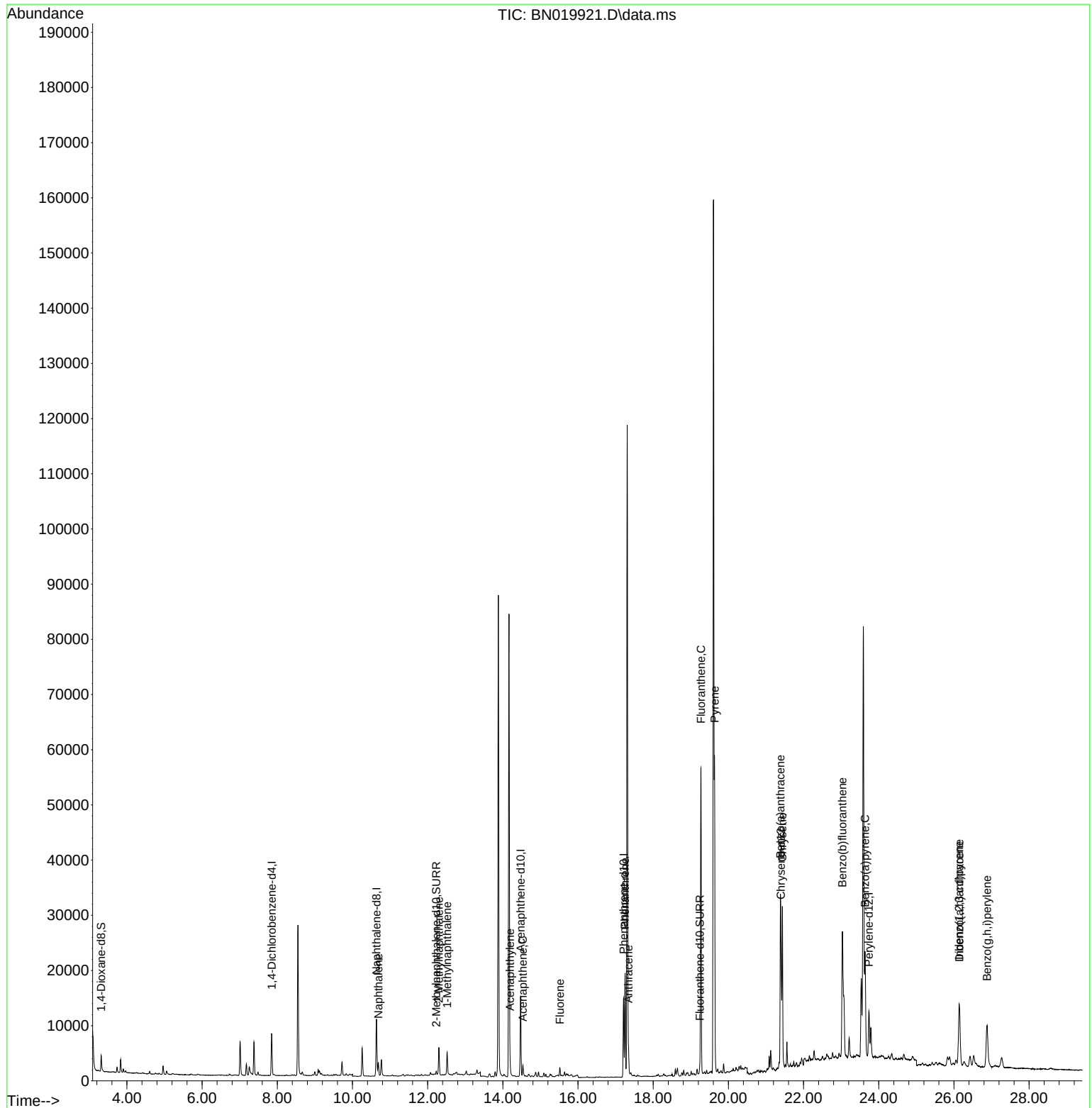
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4040	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	14099	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	8462	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	17390	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	14836	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	11487	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	2002	0.531	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	792	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	1827	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.689	128	3428	0.078	ng/ul#	95
7) 2-Methylnaphthalene	12.300	142	3686	0.126	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	2950	0.108	ng/ul#	100
10) Acenaphthylene	14.192	152	1691	0.035	ng/ul#	79
11) Acenaphthene	14.534	153	1242	0.038	ng/ul	95
12) Fluorene	15.520	166	899	0.025	ng/ul#	91
15) Phenanthrene	17.251	178	20861	0.341	ng/ul	99
16) Anthracene	17.344	178	4162	0.073	ng/ul	95
19) Fluoranthene	19.272	202	50266	0.679	ng/ul	98
20) Pyrene	19.634	202	47716	0.635	ng/ul	97
21) Benzo(a)anthracene	21.382	228	26001	0.429	ng/ul	96
22) Chrysene	21.435	228	29568	0.483	ng/ul	95
24) Benzo(b)fluoranthene	23.034	252	51673	1.018	ng/ul	95
26) Benzo(a)pyrene	23.636	252	26657	0.555	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.141	276	19252	0.382	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.148	278	4281	0.104	ng/ul#	70
29) Benzo(g,h,i)perylene	26.882	276	17029	0.395	ng/ul#	91

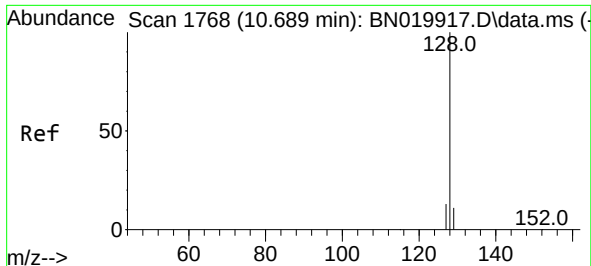
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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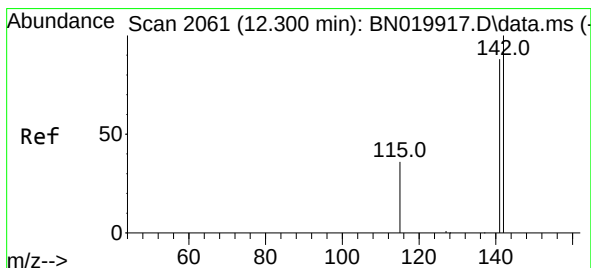
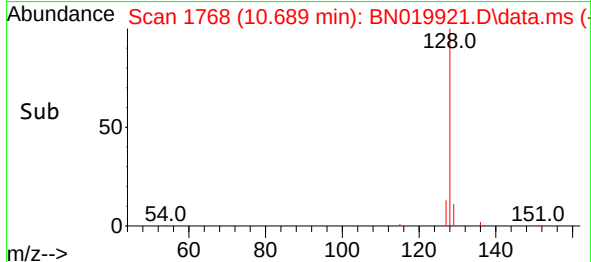
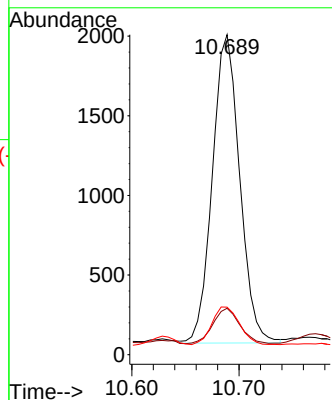
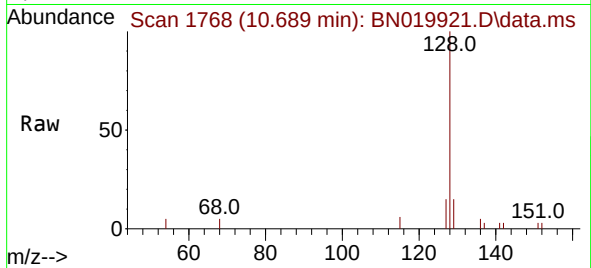




#5
Naphthalene
Concen: 0.078 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

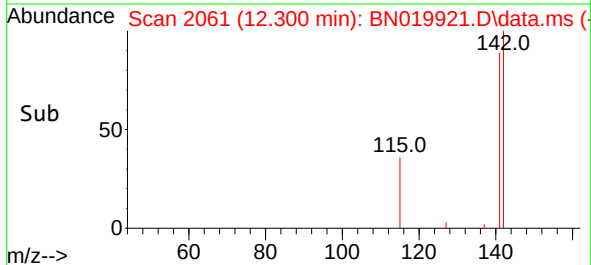
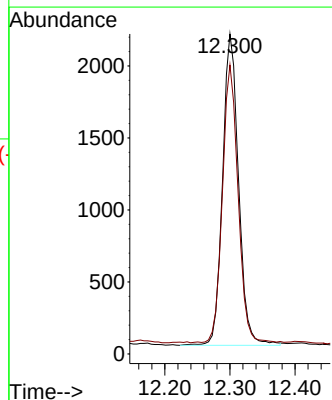
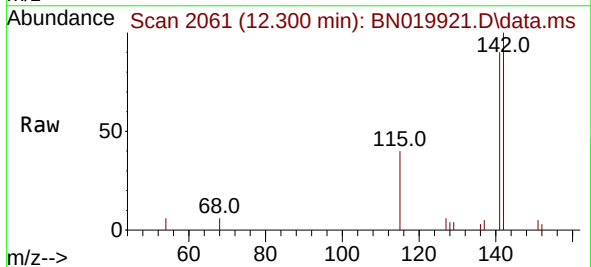
Instrument :
BNA_N
ClientSampleId :
EW4H3DL

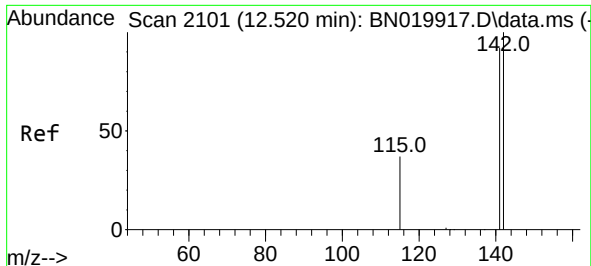
Tgt Ion:128 Resp: 3428
Ion Ratio Lower Upper
128 100
129 14.5 9.5 14.3#
127 14.9 11.0 16.4



#7
2-Methylnaphthalene
Concen: 0.126 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

Tgt Ion:142 Resp: 3686
Ion Ratio Lower Upper
142 100
141 87.4 0.0 0.0#

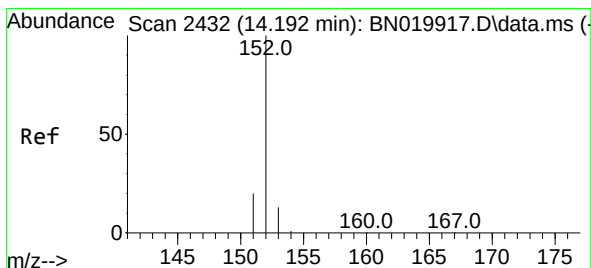
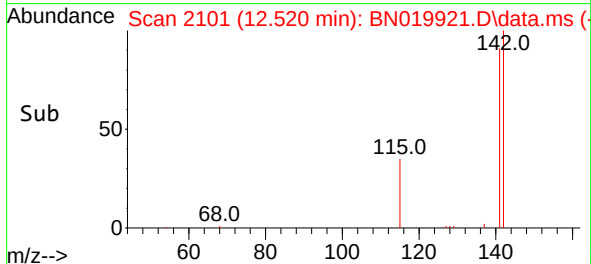
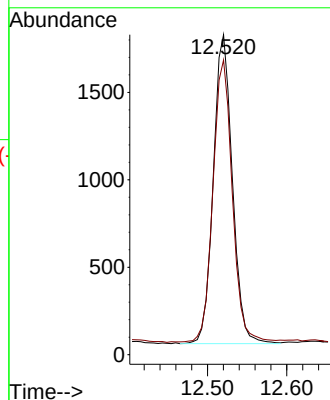
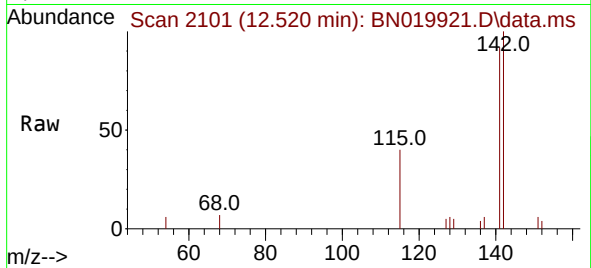




#8
1-Methylnaphthalene
Concen: 0.108 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

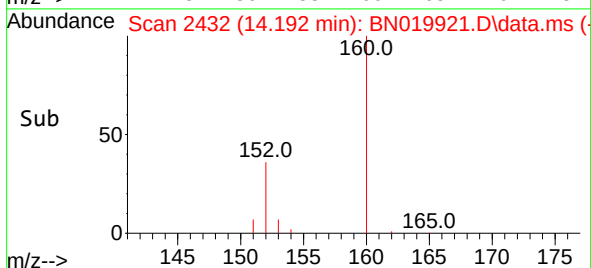
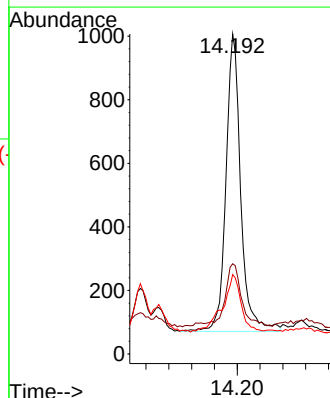
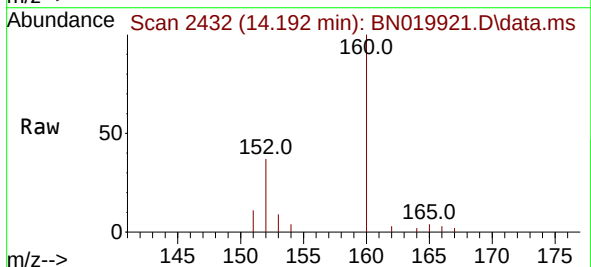
Instrument :
BNA_N
ClientSampleId :
EW4H3DL

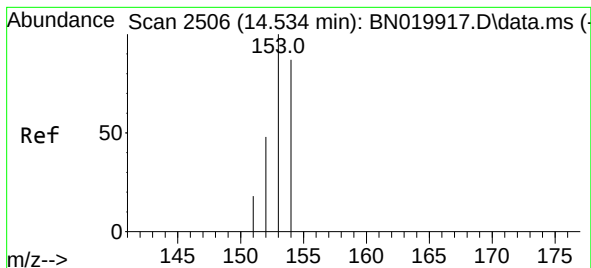
Tgt Ion:142 Resp: 2950
Ion Ratio Lower Upper
142 100
141 93.5 0.0 0.0#



#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

Tgt Ion:152 Resp: 1691
Ion Ratio Lower Upper
152 100
151 28.2 16.3 24.5#
153 24.8 11.1 16.7#





#11

Acenaphthene

Concen: 0.038 ng/ul

RT: 14.534 min Scan# 2506

Delta R.T. -0.003 min

Lab File: BN019921.D

Acq: 24 May 2022 12:30

Instrument :

BNA_N

ClientSampleId :

EW4H3DL

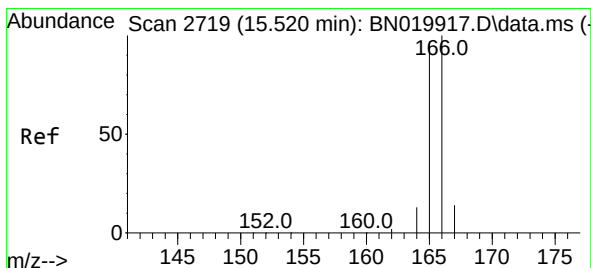
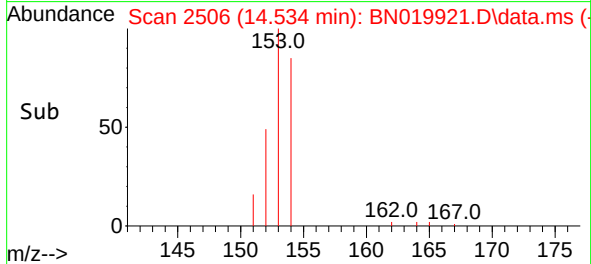
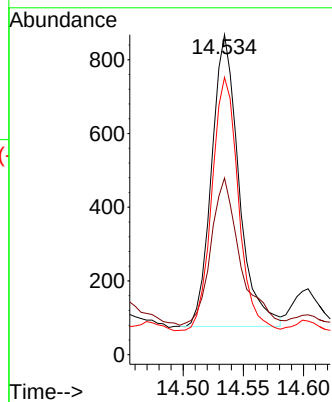
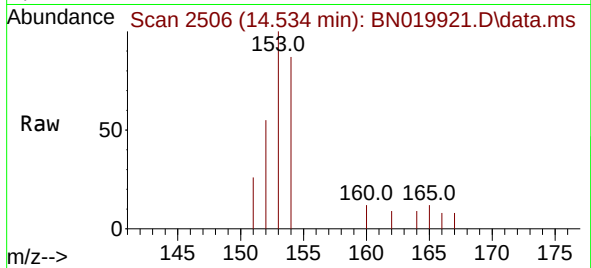
Tgt Ion:153 Resp: 1242

Ion Ratio Lower Upper

153 100

152 55.2 38.6 57.8

154 86.6 71.2 106.8



#12

Fluorene

Concen: 0.025 ng/ul

RT: 15.520 min Scan# 2719

Delta R.T. -0.003 min

Lab File: BN019921.D

Acq: 24 May 2022 12:30

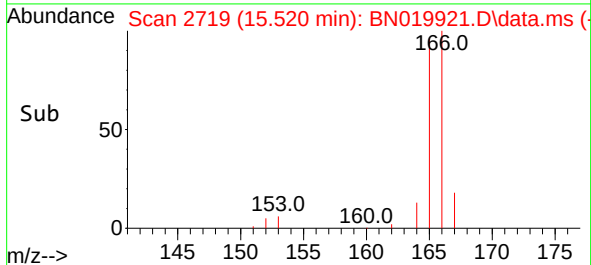
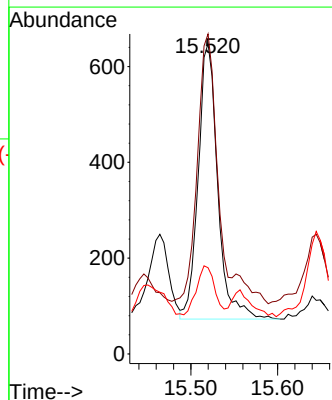
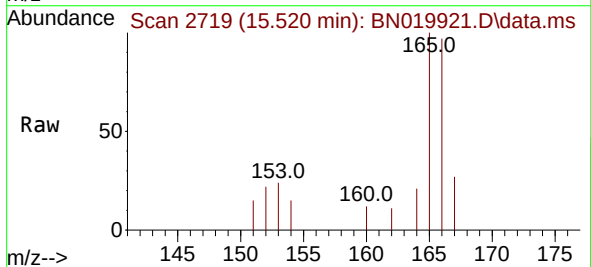
Tgt Ion:166 Resp: 899

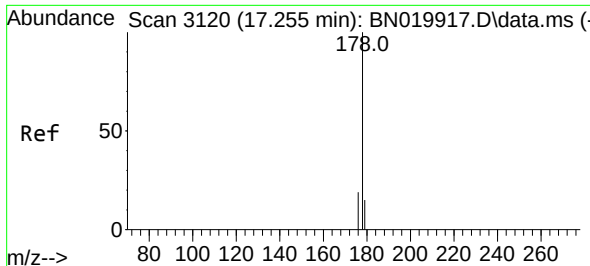
Ion Ratio Lower Upper

166 100

165 103.1 78.2 117.2

167 27.8 11.3 16.9#

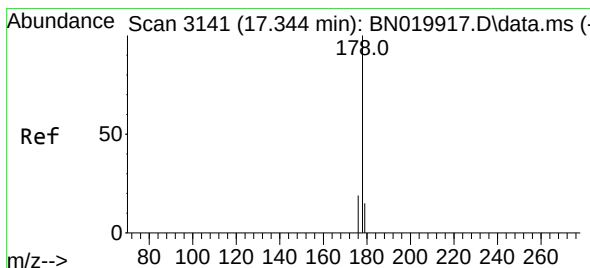
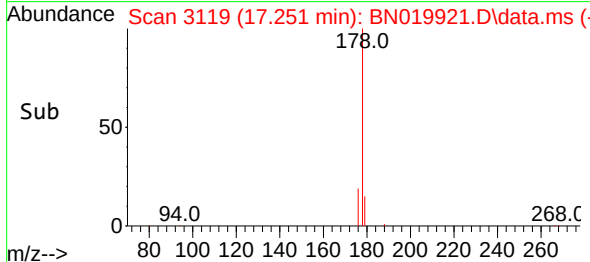
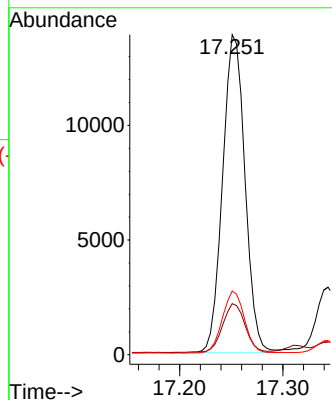
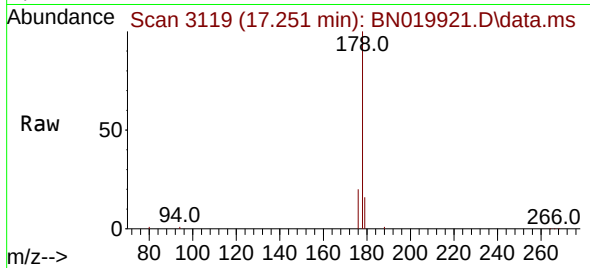




#15
Phenanthrene
Concen: 0.341 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

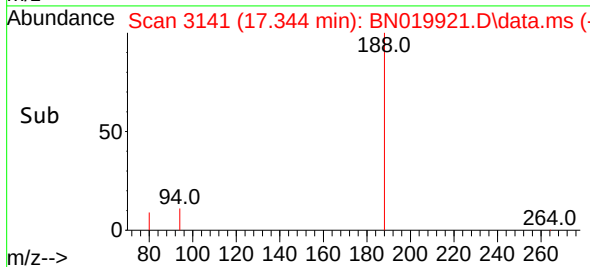
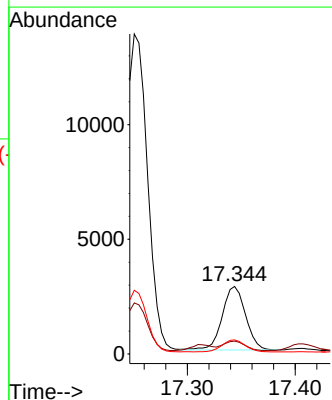
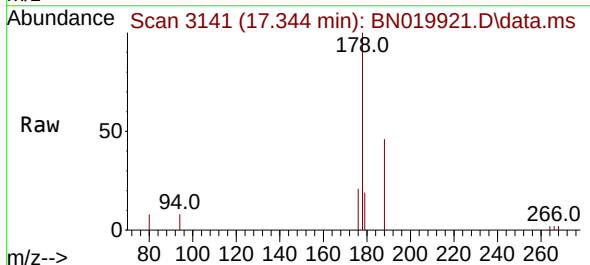
Instrument :
BNA_N
ClientSampleId :
EW4H3DL

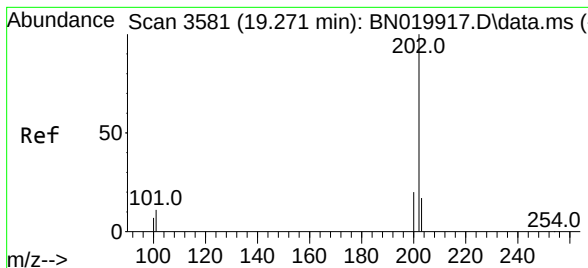
Tgt Ion:178 Resp: 20861
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.9 15.5 23.3



#16
Anthracene
Concen: 0.073 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

Tgt Ion:178 Resp: 4162
Ion Ratio Lower Upper
178 100
179 18.8 13.1 19.7
176 20.8 15.3 22.9





#19

Fluoranthene

Concen: 0.679 ng/ul

RT: 19.272 min Scan# 3581

Delta R.T. -0.003 min

Lab File: BN019921.D

Acq: 24 May 2022 12:30

Instrument :

BNA_N

ClientSampleId :

EW4H3DL

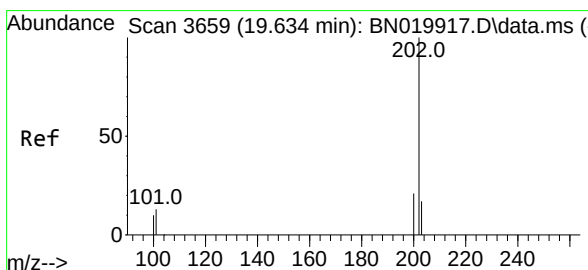
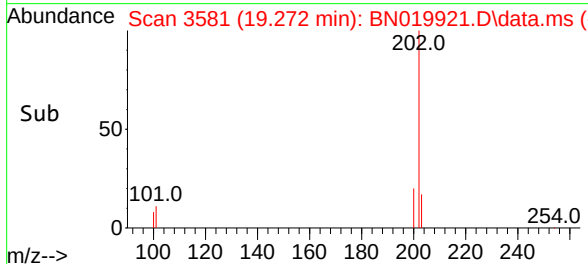
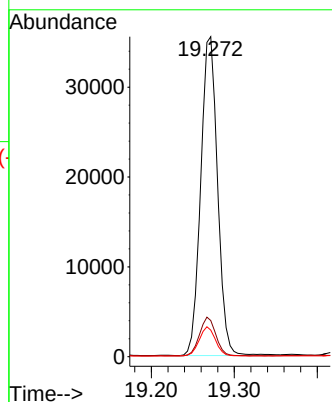
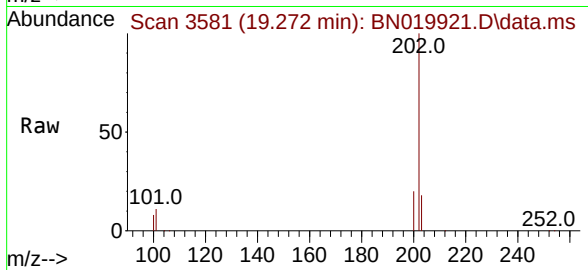
Tgt Ion:202 Resp: 50266

Ion Ratio Lower Upper

202 100

101 11.3 9.7 14.5

100 8.3 7.4 11.2



#20

Pyrene

Concen: 0.635 ng/ul

RT: 19.634 min Scan# 3659

Delta R.T. -0.003 min

Lab File: BN019921.D

Acq: 24 May 2022 12:30

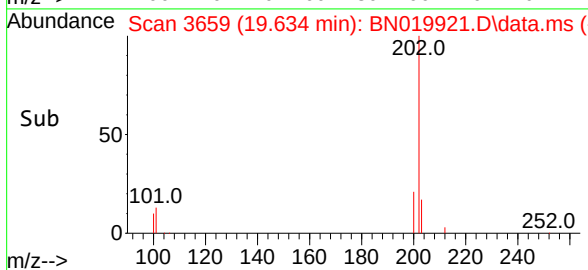
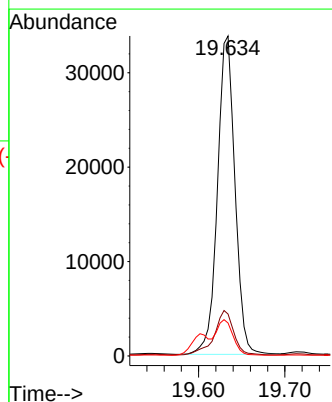
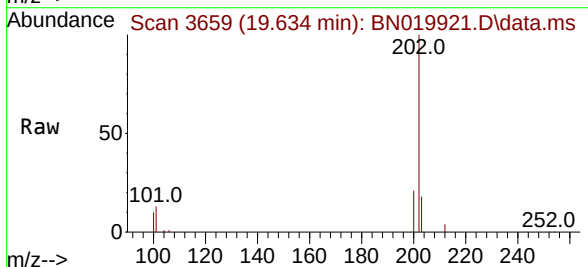
Tgt Ion:202 Resp: 47716

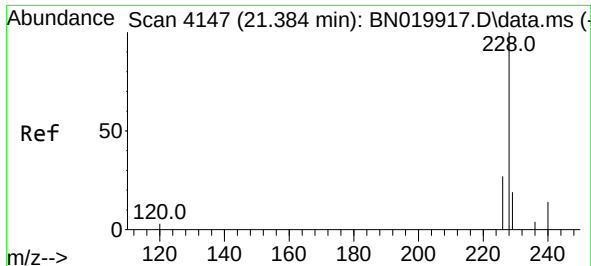
Ion Ratio Lower Upper

202 100

101 13.1 11.4 17.0

100 10.3 9.0 13.4

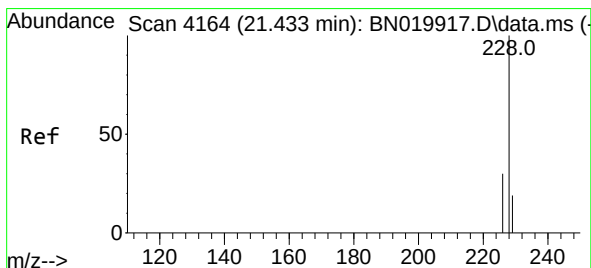
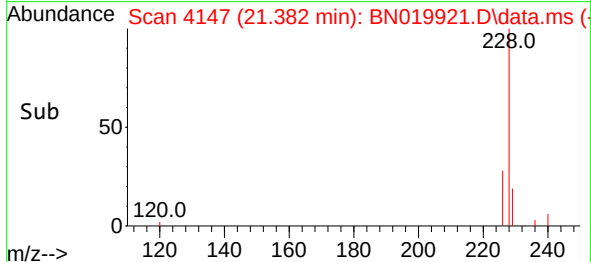
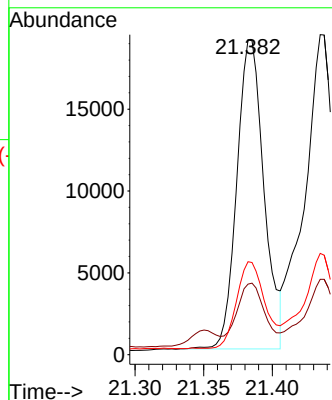
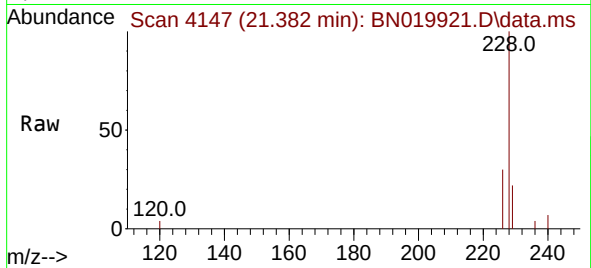




#21
Benzo(a)anthracene
Concen: 0.429 ng/ul
RT: 21.382 min Scan# 4147
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

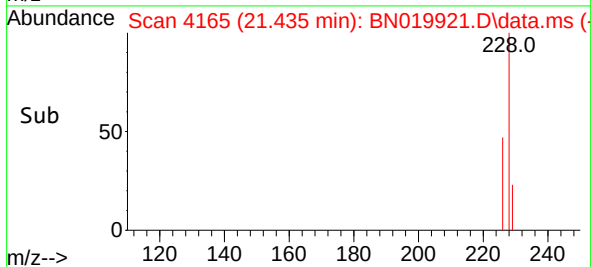
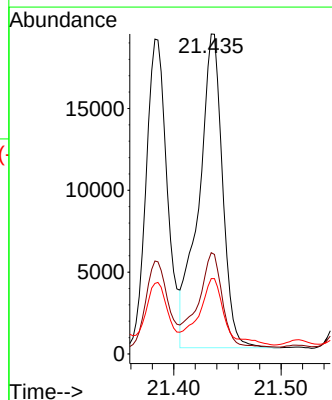
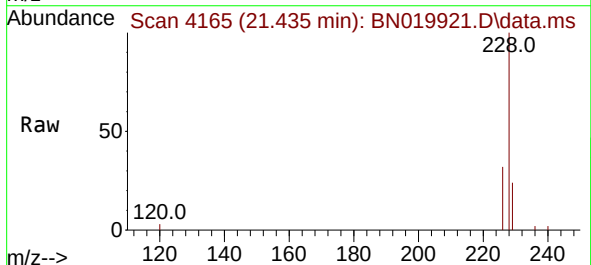
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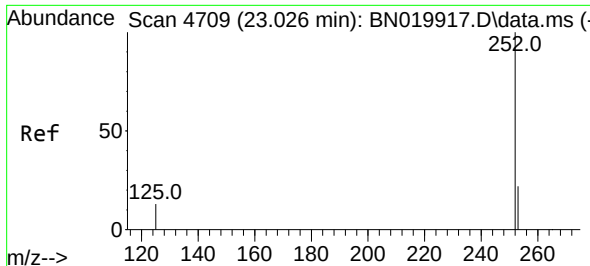
Tgt Ion:228 Resp: 26001
Ion Ratio Lower Upper
228 100
229 22.4 16.1 24.1
226 29.5 22.1 33.1



#22
Chrysene
Concen: 0.483 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

Tgt Ion:228 Resp: 29568
Ion Ratio Lower Upper
228 100
226 31.6 24.2 36.2
229 23.5 16.0 24.0

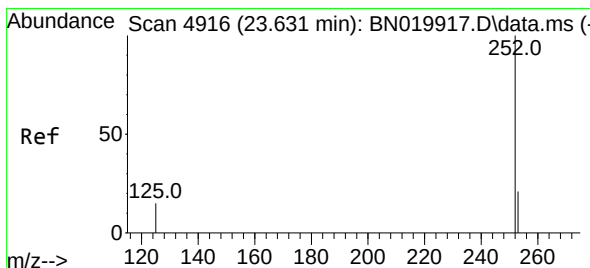
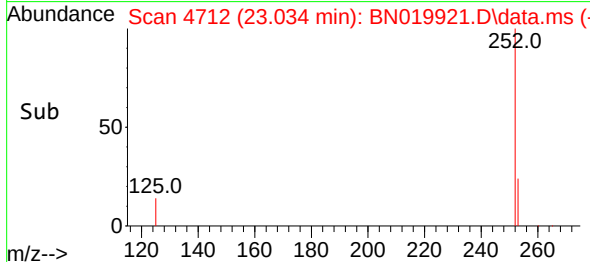
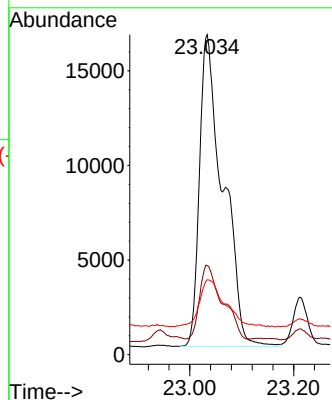
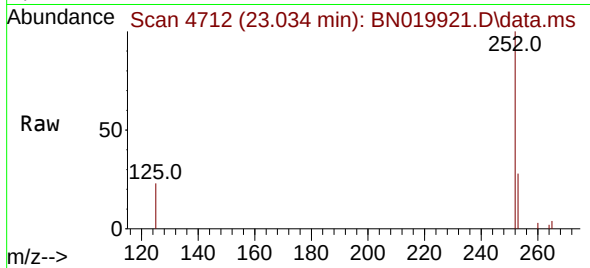




#24
Benzo(b)fluoranthene
Concen: 1.018 ng/ul
RT: 23.034 min Scan# 4712
Delta R.T. 0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

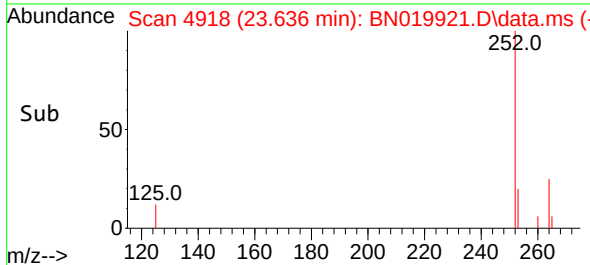
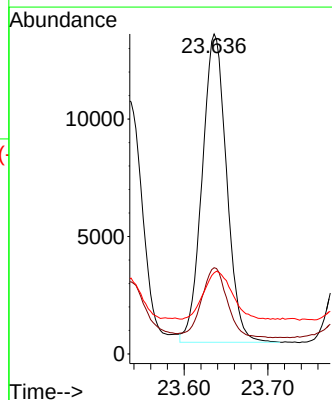
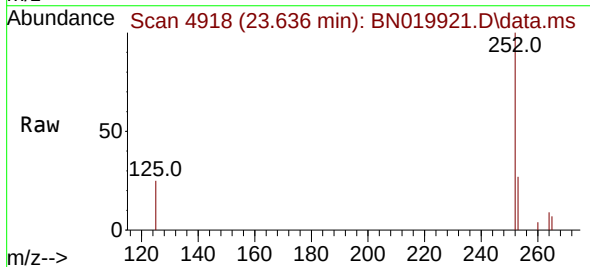
Instrument :
BNA_N
ClientSampleId :
EW4H3DL

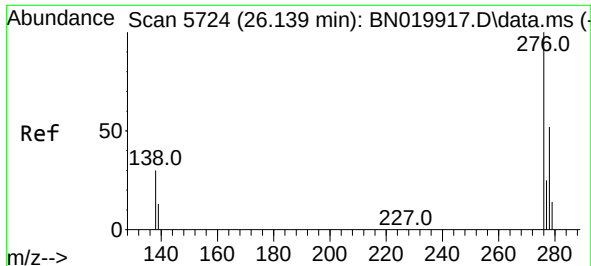
Tgt Ion:252 Resp: 51673
Ion Ratio Lower Upper
252 100
253 27.9 0.0 52.0
125 23.4 0.0 40.2



#26
Benzo(a)pyrene
Concen: 0.555 ng/ul
RT: 23.636 min Scan# 4918
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

Tgt Ion:252 Resp: 26657
Ion Ratio Lower Upper
252 100
253 26.9 23.4 35.0
125 25.4 28.3 42.5#

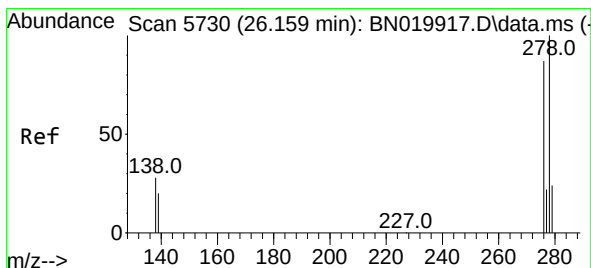
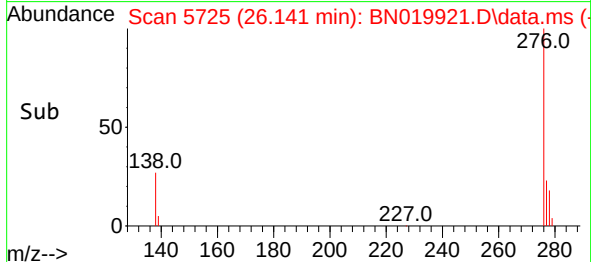
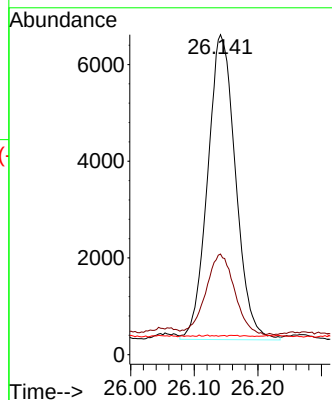
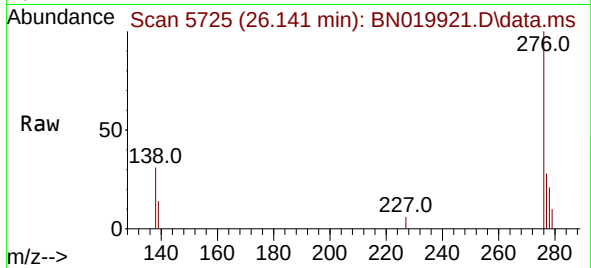




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng/ul
RT: 26.141 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

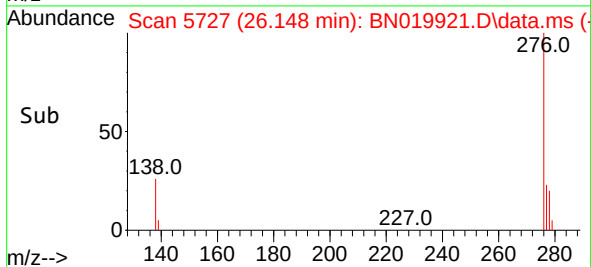
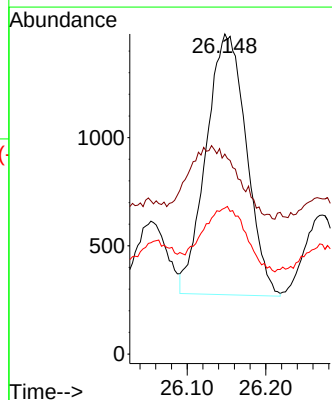
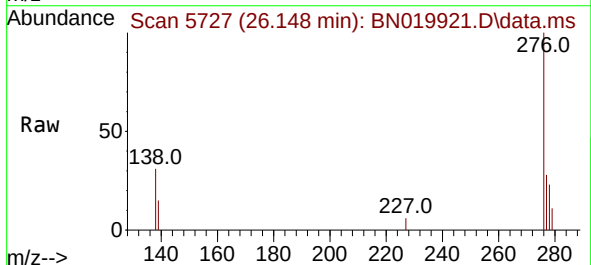
Instrument :
BNA_N
ClientSampleId :
EW4H3DL

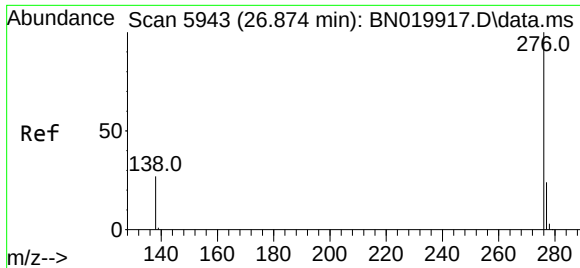
Tgt Ion:276 Resp: 19252
Ion Ratio Lower Upper
276 100
138 27.0 23.6 35.4
227 0.1 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.104 ng/ul
RT: 26.148 min Scan# 5727
Delta R.T. -0.017 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

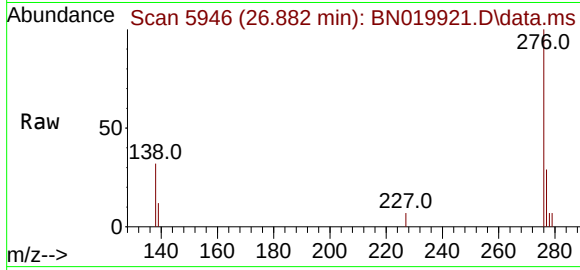
Tgt Ion:278 Resp: 4281
Ion Ratio Lower Upper
278 100
139 62.5 18.6 28.0#
279 45.6 35.1 52.7





#29
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 26.882 min Scan# 5946
Delta R.T. -0.003 min
Lab File: BN019921.D
Acq: 24 May 2022 12:30

Instrument :
BNA_N
ClientSampleId :
EW4H3DL



Tgt Ion:276 Resp: 17029
Ion Ratio Lower Upper
276 100
138 32.2 20.9 31.3#
277 28.5 20.4 30.6

