

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019956.D
 Acq On : 25 May 2022 17:56
 Operator : CG/JU
 Sample : N2883-04
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4K6

Quant Time: May 26 01:15:48 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)

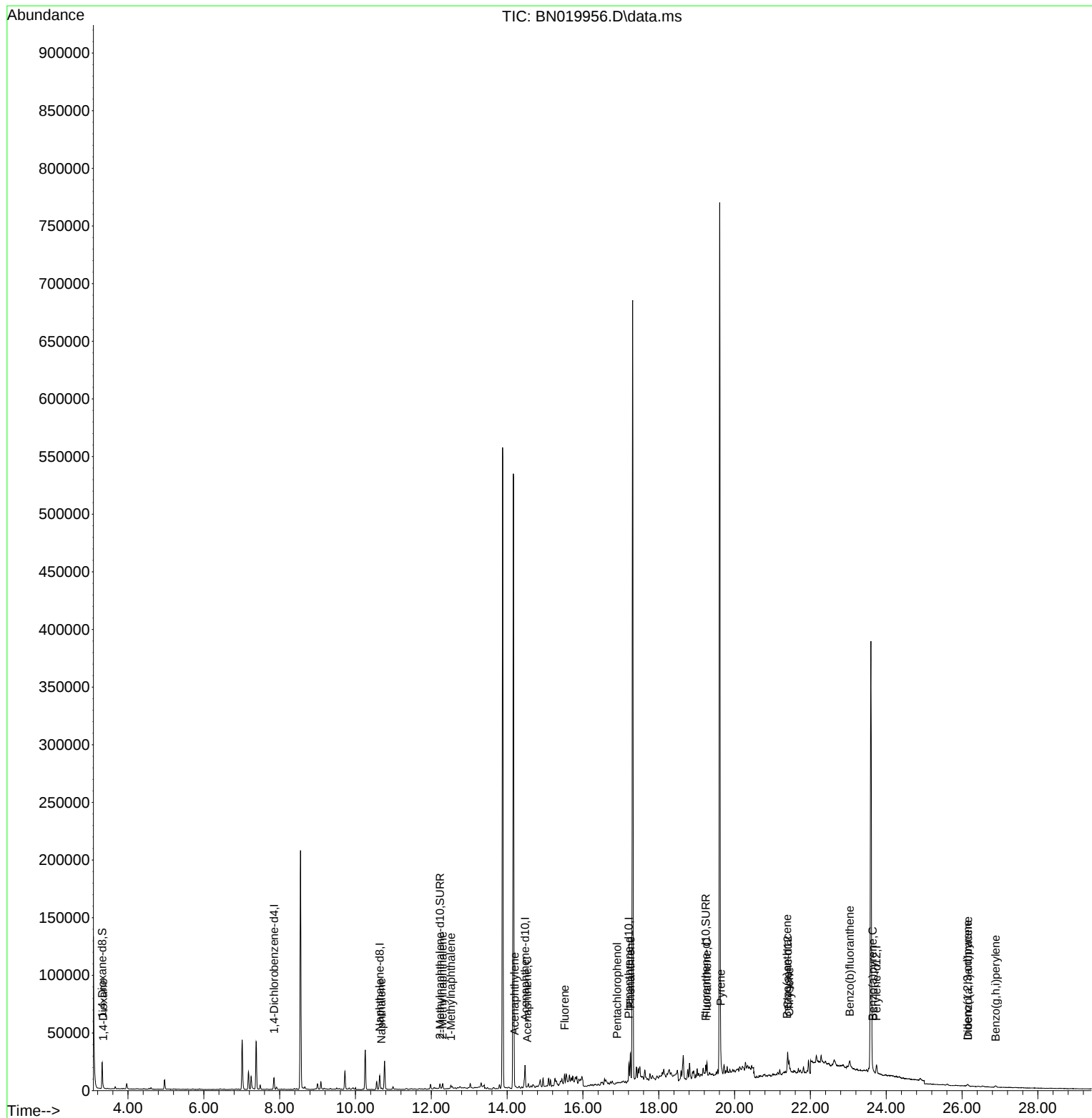
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	4639	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	15800	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	10106	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	19327	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.403	240	12791	0.400	ng/ul	# 0.00
23) Perylene-d12	23.744	264	11254	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	15040	3.477	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.227	152	5220	0.202	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	11146	0.244	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.344	88	94	0.021	ng/ul#	71
5) Naphthalene	10.687	128	1633	0.033	ng/ul#	84
7) 2-Methylnaphthalene	12.299	142	2990	0.091	ng/ul#	100
8) 1-Methylnaphthalene	12.519	142	2206	0.072	ng/ul#	100
10) Acenaphthylene	14.195	152	1303	0.023	ng/ul#	1
11) Acenaphthene	14.533	153	1108	0.028	ng/ul#	74
12) Fluorene	15.518	166	2740	0.063	ng/ul#	54
14) Pentachlorophenol	16.899	266	82	0.025	ng/ul#	30
15) Phenanthrene	17.254	178	27904	0.411	ng/ul#	87
19) Fluoranthene	19.270	202	10649	0.167	ng/ul#	84
20) Pyrene	19.637	202	18068	0.279	ng/ul#	91
21) Benzo(a)anthracene	21.385	228	5490	0.105	ng/ul#	20
22) Chrysene	21.438	228	13401	0.254	ng/ul#	49
24) Benzo(b)fluoranthene	23.036	252	7562	0.152	ng/ul#	1
26) Benzo(a)pyrene	23.639	252	3525	0.075	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.144	276	2241	0.045	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.158	278	1086	0.027	ng/ul#	1
29) Benzo(g,h,i)perylene	26.889	276	2673	0.063	ng/ul#	23

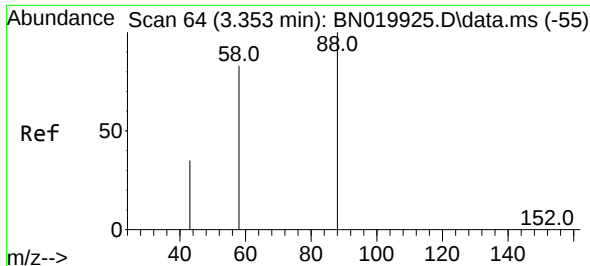
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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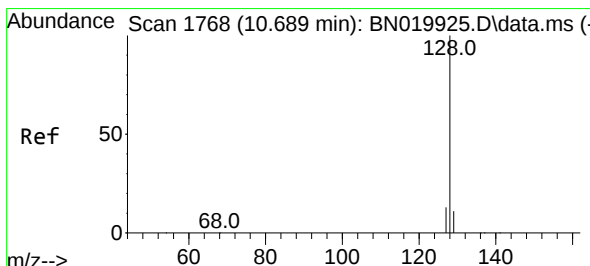
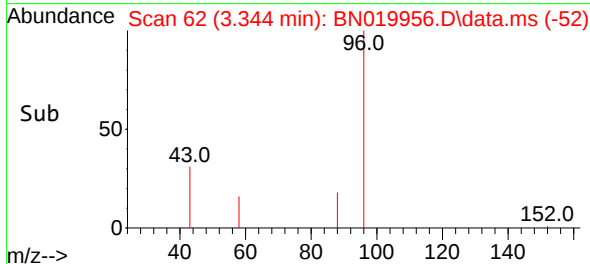
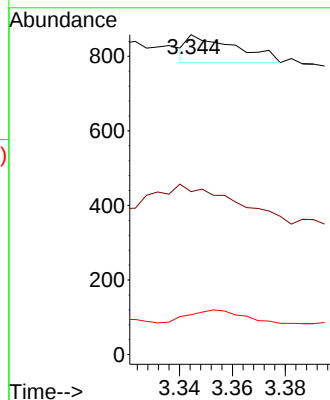
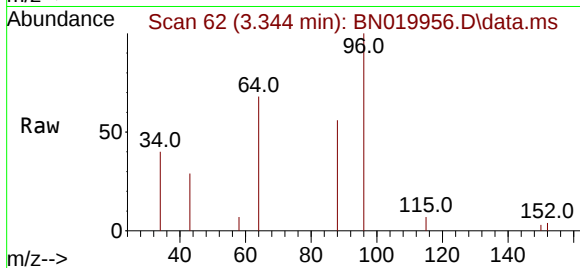




#2
1,4-Dioxane
Concen: 0.021 ng/ul
RT: 3.344 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

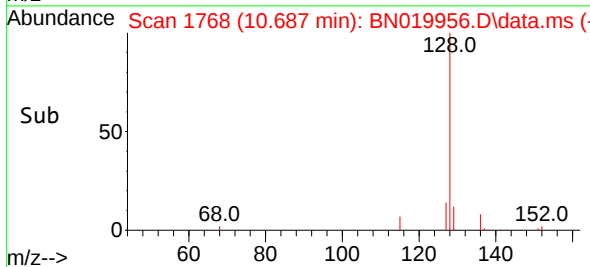
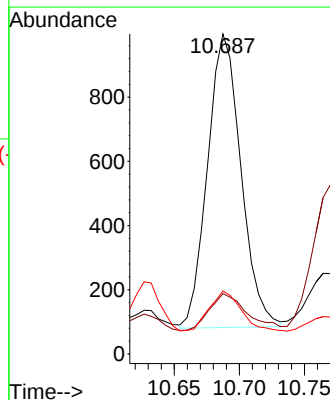
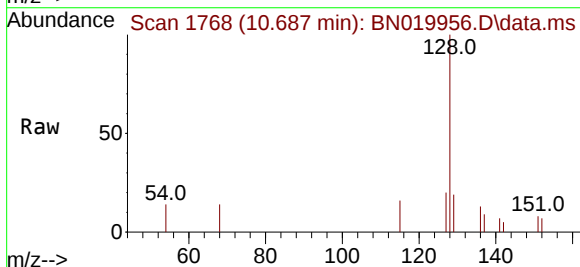
Instrument :
BNA_N
ClientSampleId :
EW4K6

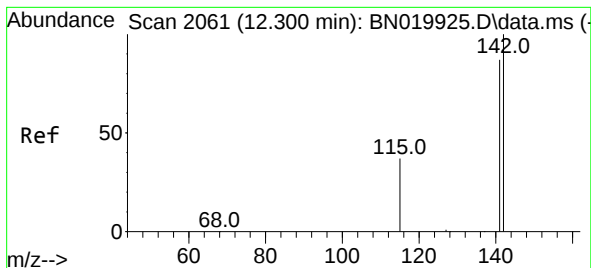
Tgt Ion: 88 Resp: 94
Ion Ratio Lower Upper
88 100
43 50.9 39.0 58.4
58 12.5 39.8 59.8#



#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.687 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion: 128 Resp: 1633
Ion Ratio Lower Upper
128 100
129 18.9 9.5 14.3#
127 19.7 11.0 16.4#

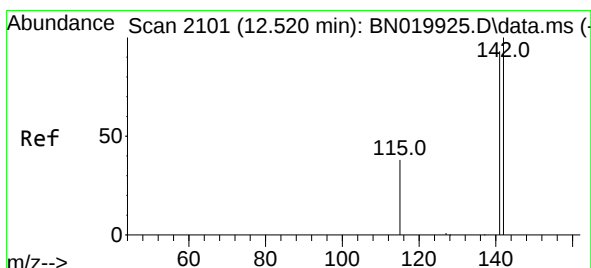
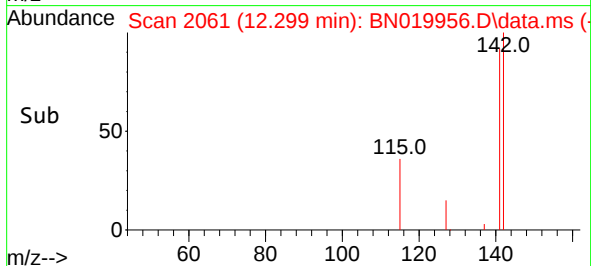
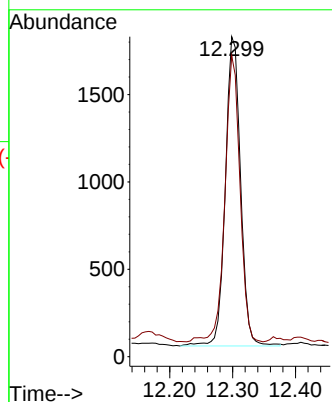
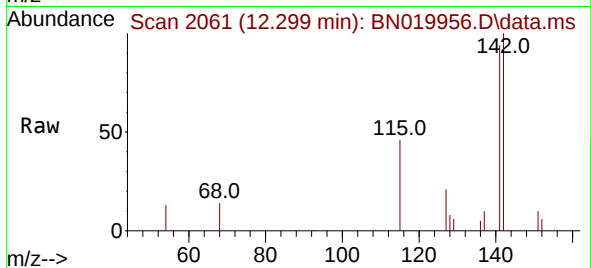




#7
2-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

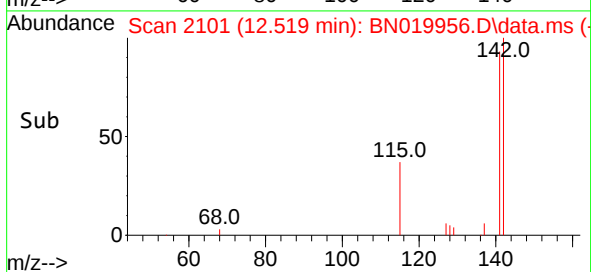
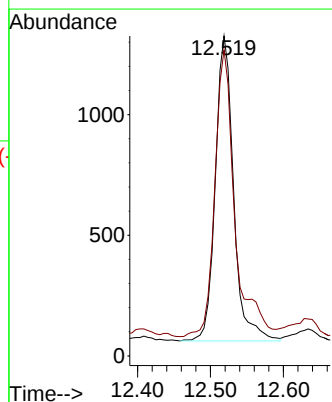
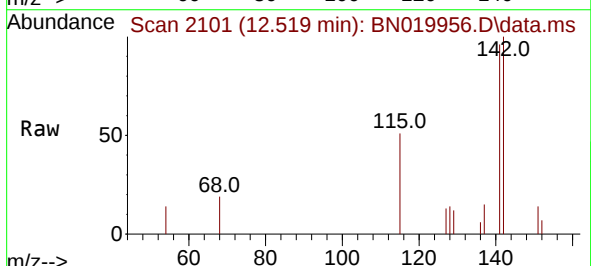
Instrument :
BNA_N
ClientSampleId :
EW4K6

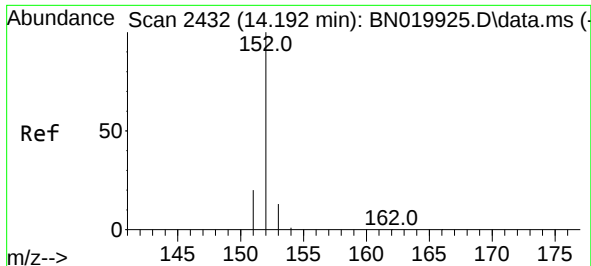
Tgt Ion:142 Resp: 2990
Ion Ratio Lower Upper
142 100
141 91.3 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:142 Resp: 2206
Ion Ratio Lower Upper
142 100
141 102.6 0.0 0.0#

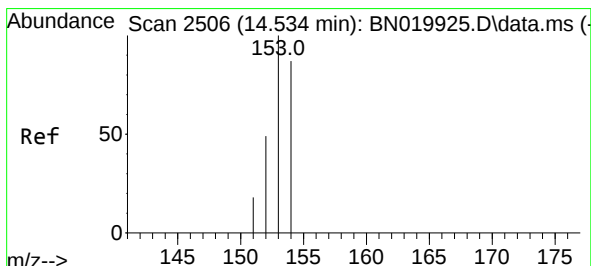
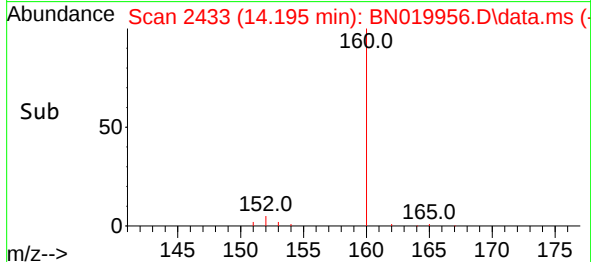
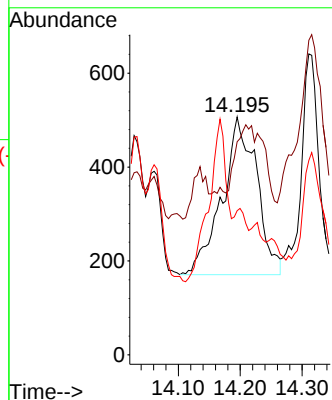
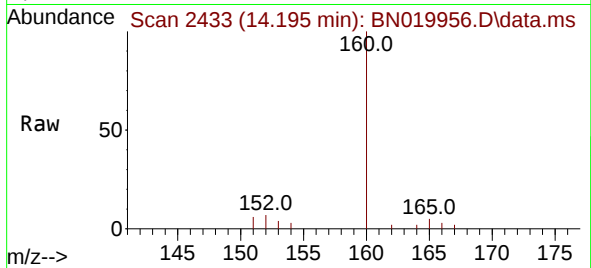




#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.195 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

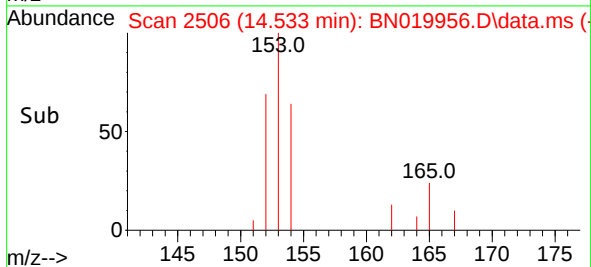
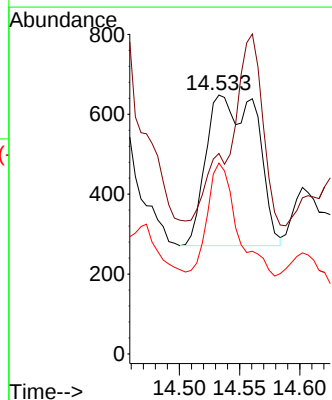
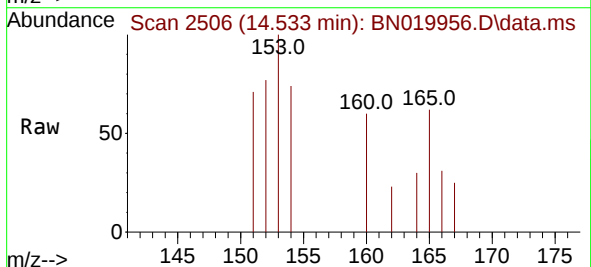
Instrument :
BNA_N
ClientSampleId :
EW4K6

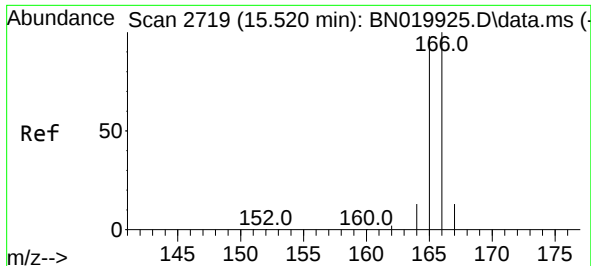
Tgt Ion:152 Resp: 1303
Ion Ratio Lower Upper
152 100
151 89.5 16.3 24.5#
153 60.6 11.1 16.7#



#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:153 Resp: 1108
Ion Ratio Lower Upper
153 100
152 77.5 38.6 57.8#
154 73.8 71.2 106.8

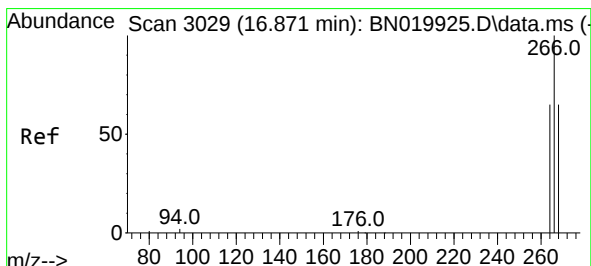
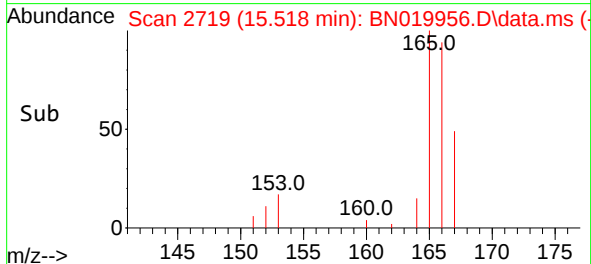
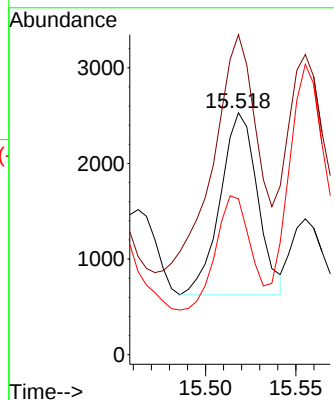
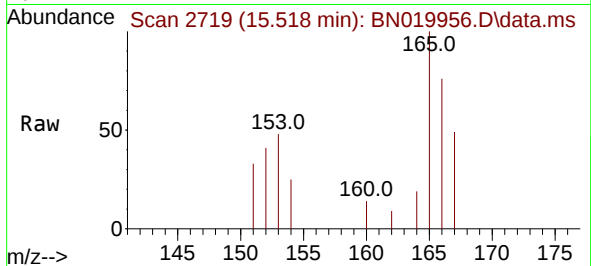




#12
Fluorene
Concen: 0.063 ng/ul
RT: 15.518 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

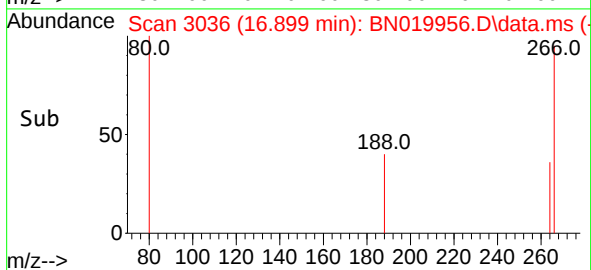
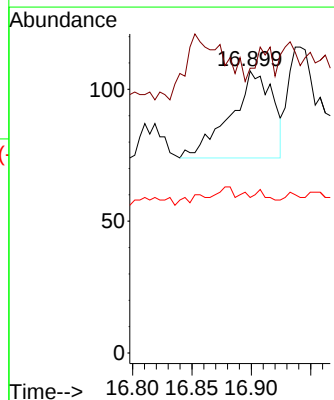
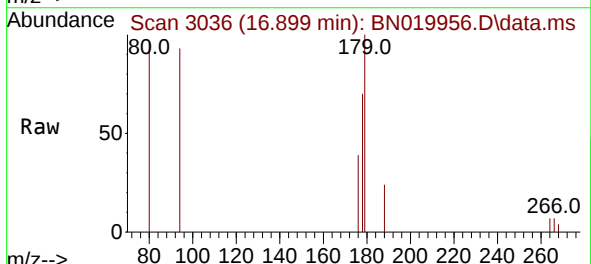
Instrument :
BNA_N
ClientSampleId :
EW4K6

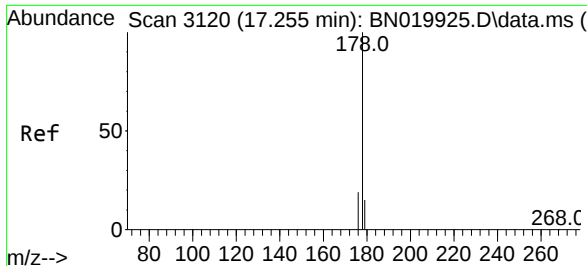
Tgt Ion:166 Resp: 2740
Ion Ratio Lower Upper
166 100
165 132.3 78.2 117.2#
167 64.5 11.3 16.9#



#14
Pentachlorophenol
Concen: 0.025 ng/ul
RT: 16.899 min Scan# 3036
Delta R.T. 0.025 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:266 Resp: 82
Ion Ratio Lower Upper
266 100
264 9.8 44.9 67.3#
268 0.0 44.6 67.0#

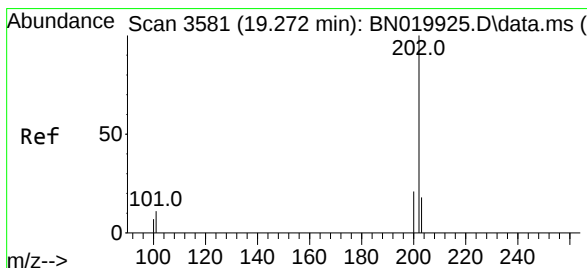
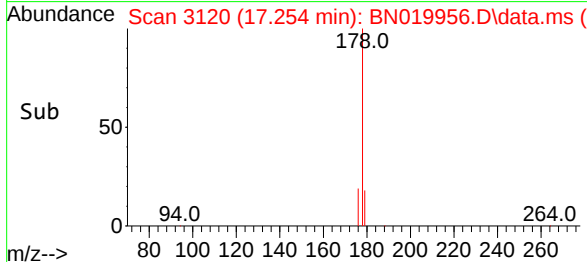
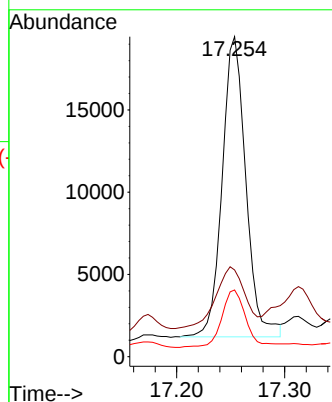
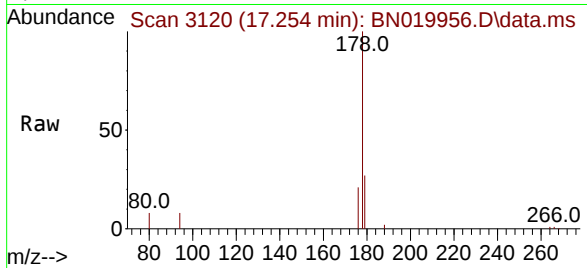




#15
Phenanthrene
Concen: 0.411 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

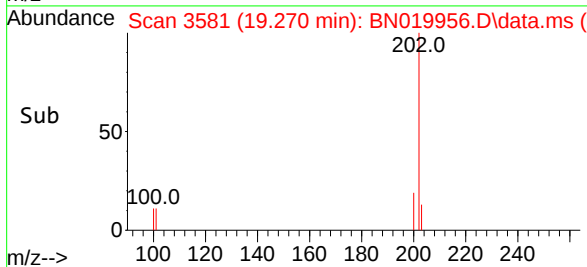
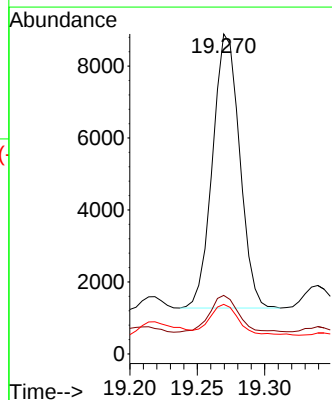
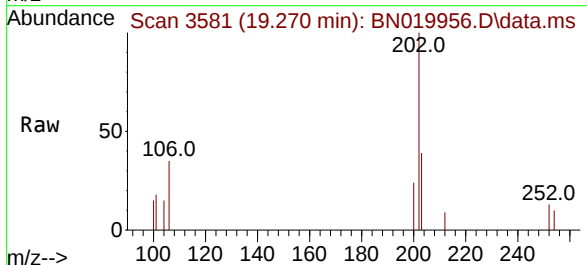
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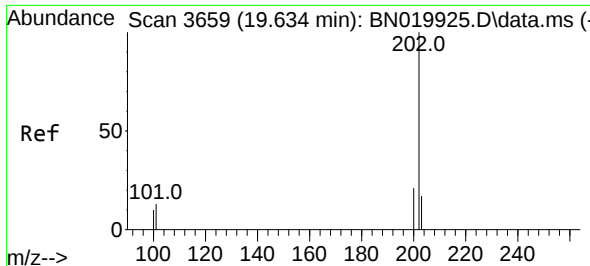
Tgt Ion:178 Resp: 27904
Ion Ratio Lower Upper
178 100
179 27.1 12.9 19.3#
176 20.8 15.5 23.3



#19
Fluoranthene
Concen: 0.167 ng/ul
RT: 19.270 min Scan# 3581
Delta R.T. -0.005 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:202 Resp: 10649
Ion Ratio Lower Upper
202 100
101 18.3 9.7 14.5#
100 15.5 7.4 11.2#





#20

Pyrene

Concen: 0.279 ng/ul

RT: 19.637 min Scan# 3660

Delta R.T. -0.000 min

Lab File: BN019956.D

Acq: 25 May 2022 17:56

Instrument :

BNA_N

ClientSampleId :

EW4K6

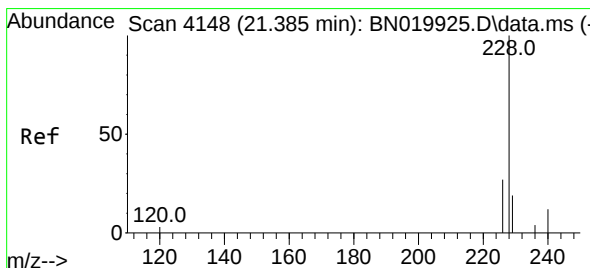
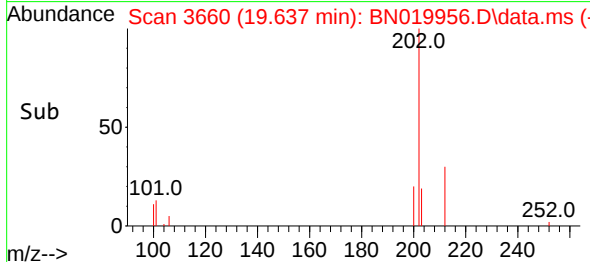
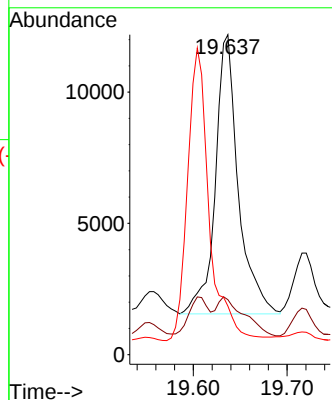
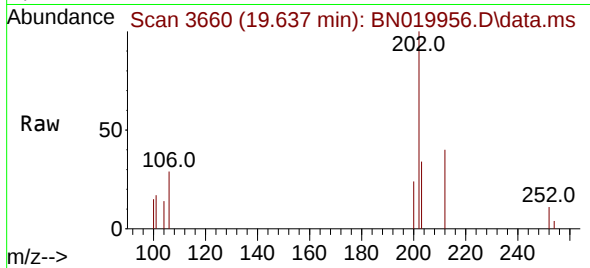
Tgt Ion:202 Resp: 18068

Ion Ratio Lower Upper

202 100

101 17.2 11.4 17.0#

100 15.2 9.0 13.4#



#21

Benzo(a)anthracene

Concen: 0.105 ng/ul

RT: 21.385 min Scan# 4148

Delta R.T. -0.000 min

Lab File: BN019956.D

Acq: 25 May 2022 17:56

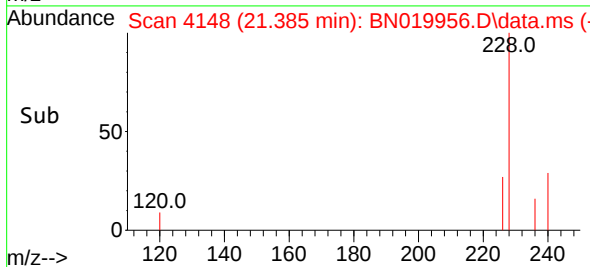
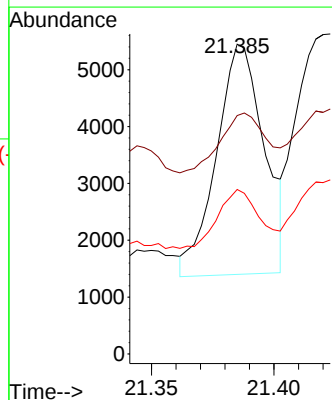
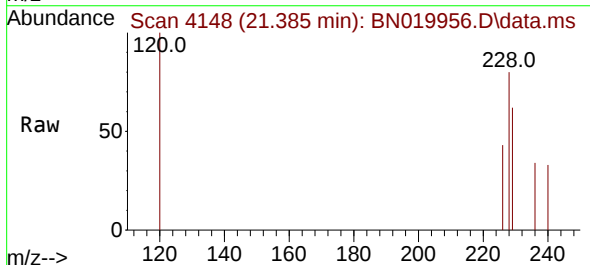
Tgt Ion:228 Resp: 5490

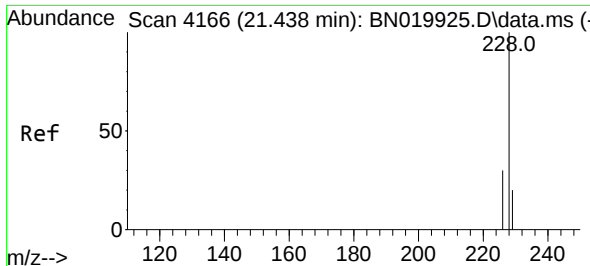
Ion Ratio Lower Upper

228 100

229 77.0 16.1 24.1#

226 53.1 22.1 33.1#





#22

Chrysene

Concen: 0.254 ng/ul

RT: 21.438 min Scan# 4166

Delta R.T. -0.000 min

Lab File: BN019956.D

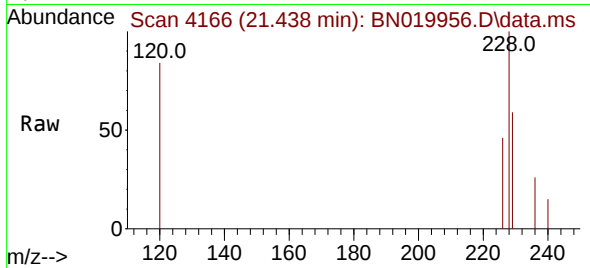
Acq: 25 May 2022 17:56

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EW4K6



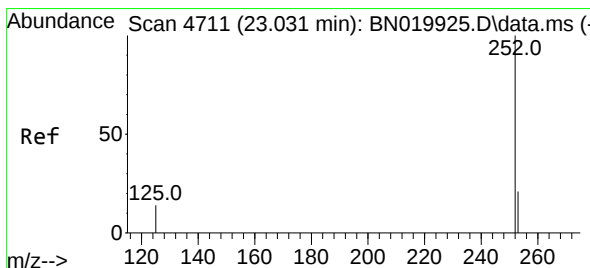
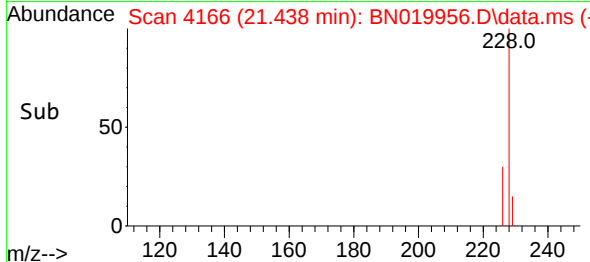
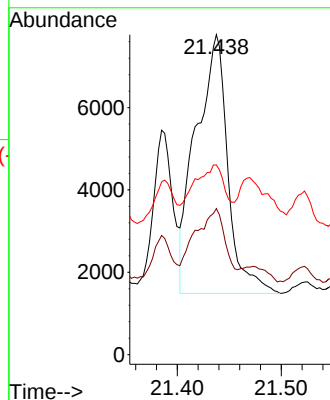
Tgt Ion:228 Resp: 13401

Ion Ratio Lower Upper

228 100

226 45.7 24.2 36.2#

229 59.3 16.0 24.0#



#24

Benzo(b)fluoranthene

Concen: 0.152 ng/ul

RT: 23.036 min Scan# 4713

Delta R.T. 0.006 min

Lab File: BN019956.D

Acq: 25 May 2022 17:56

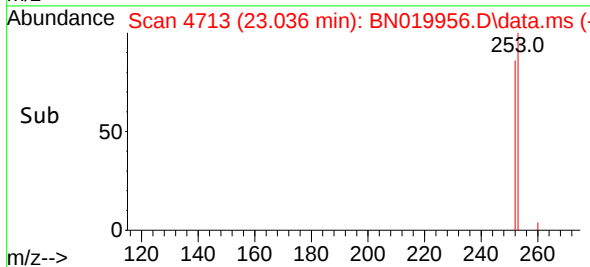
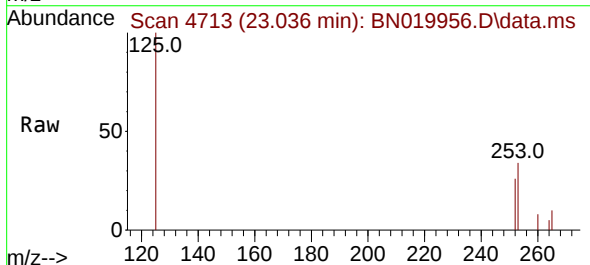
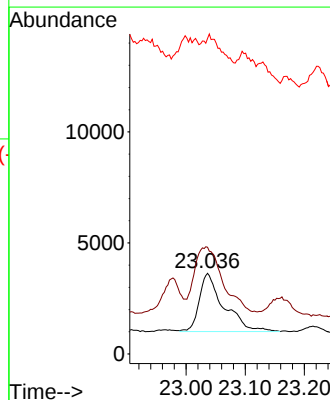
Tgt Ion:252 Resp: 7562

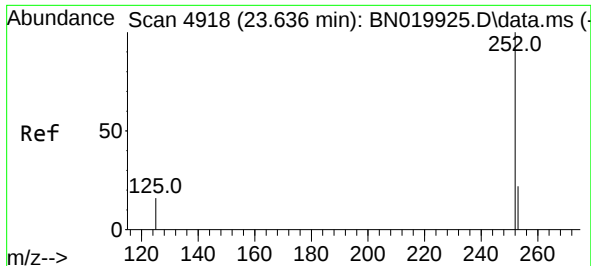
Ion Ratio Lower Upper

252 100

253 132.3 0.0 52.0#

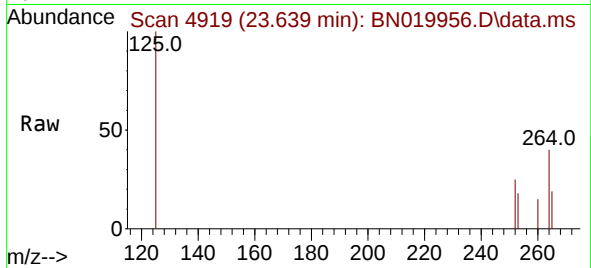
125 391.2 0.0 40.2#



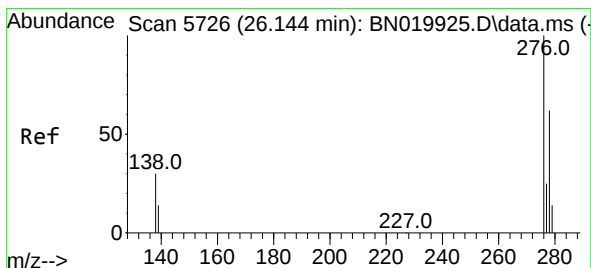
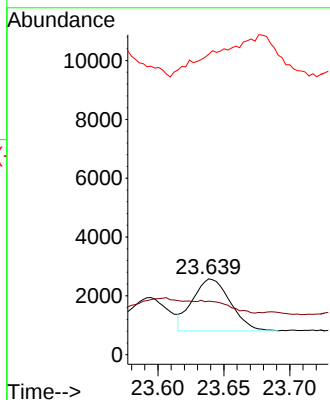
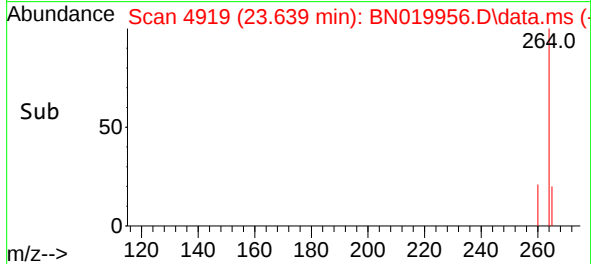


#26
Benzo(a)pyrene
Concen: 0.075 ng/ul
RT: 23.639 min Scan# 4918
Delta R.T. -0.000 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

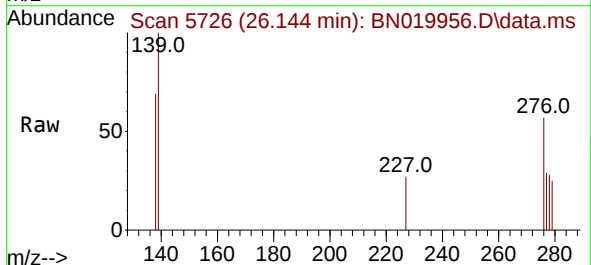
Instrument :
BNA_N
ClientSampleId :
EW4K6



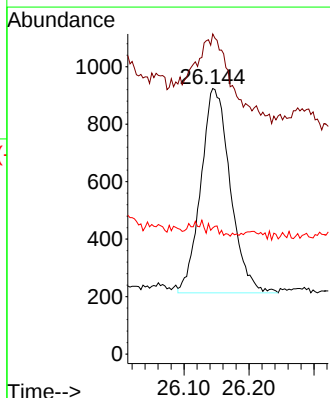
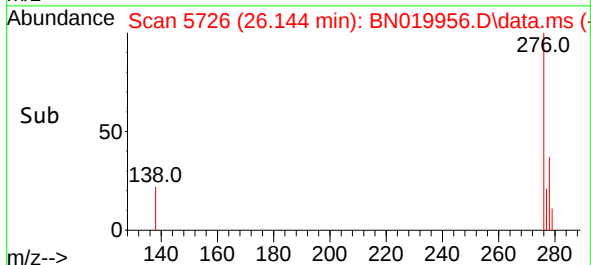
Tgt Ion:252 Resp: 3525
Ion Ratio Lower Upper
252 100
253 70.7 23.4 35.0#
125 396.4 28.3 42.5#

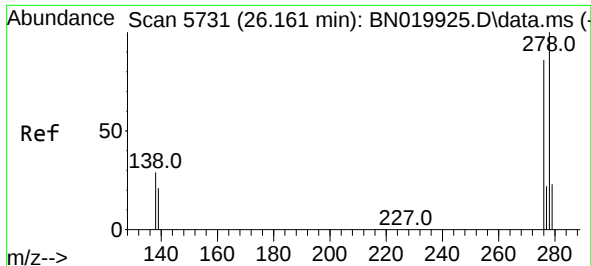


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/ul
RT: 26.144 min Scan# 5726
Delta R.T. -0.007 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56



Tgt Ion:276 Resp: 2241
Ion Ratio Lower Upper
276 100
138 36.0 23.6 35.4#
227 1.9 0.0 0.0#

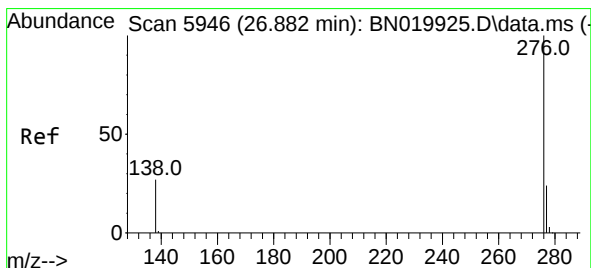
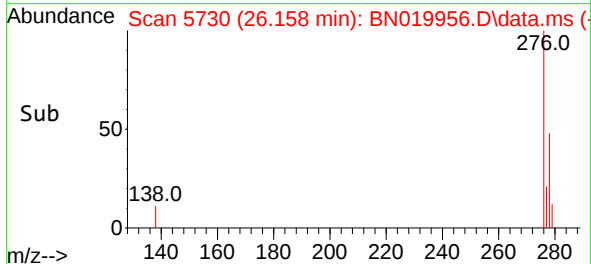
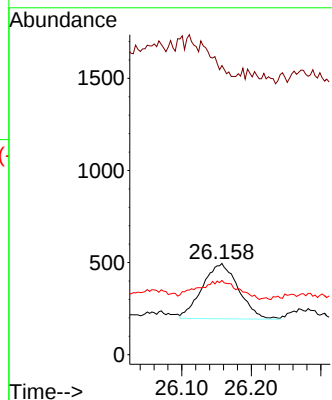
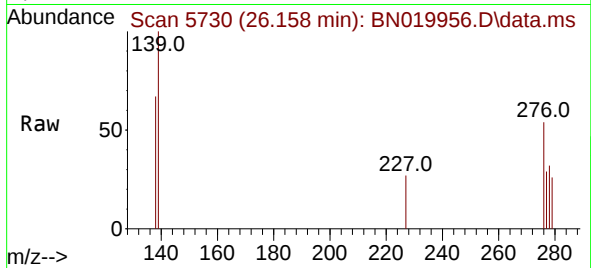




#28
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 26.158 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Instrument :
BNA_N
ClientSampleId :
EW4K6

Tgt Ion:278 Resp: 1086
Ion Ratio Lower Upper
278 100
139 317.0 18.6 28.0#
279 81.4 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 26.889 min Scan# 5948
Delta R.T. 0.003 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:276 Resp: 2673
Ion Ratio Lower Upper
276 100
138 85.7 20.9 31.3#
277 43.6 20.4 30.6#

