

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019958.D
 Acq On : 25 May 2022 19:08
 Operator : CG/JU
 Sample : N2884-MSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4K6MSD

Quant Time: May 26 01:15:57 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)

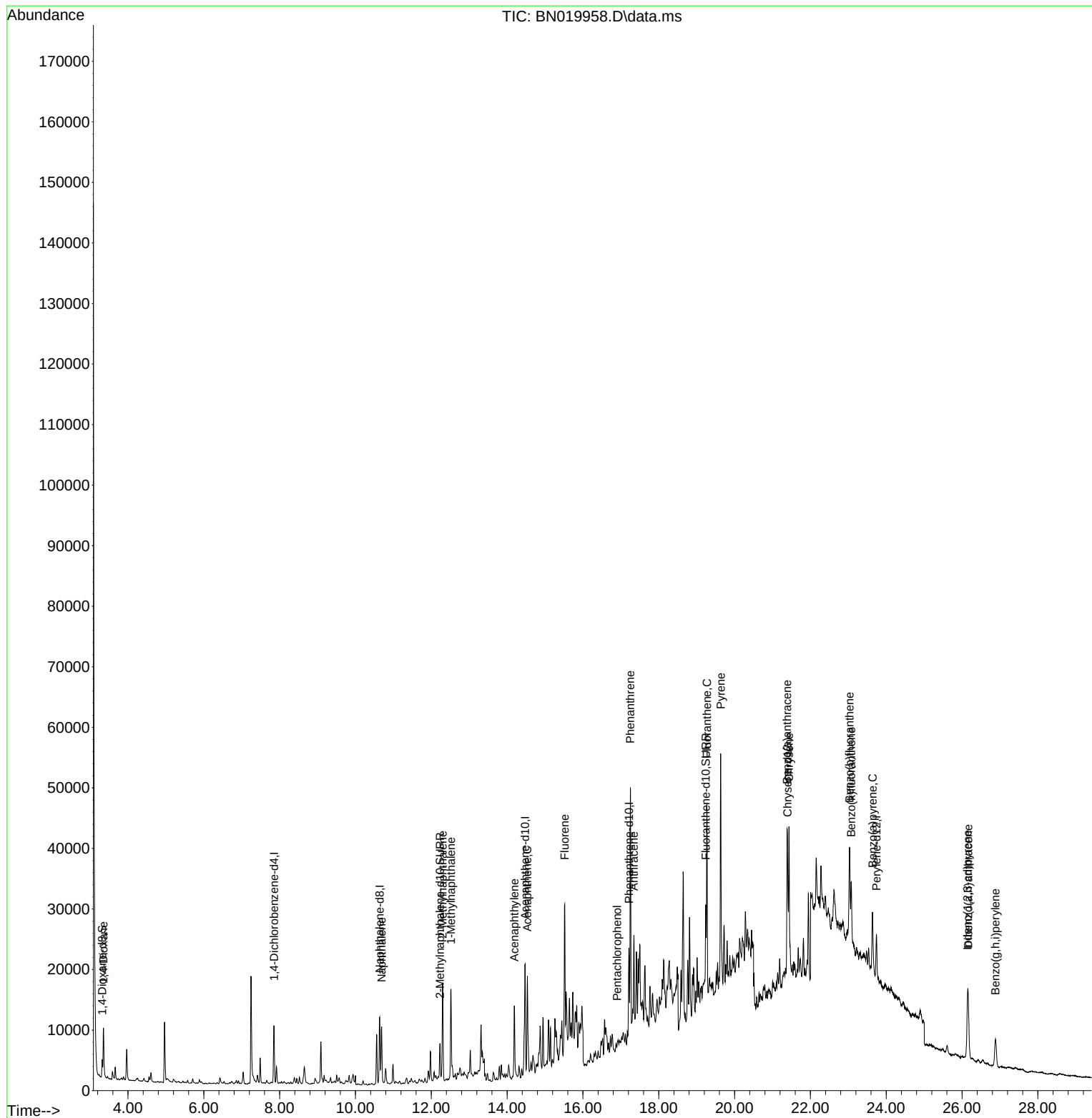
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4413	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	15027	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	9567	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	17685	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.400	240	12114	0.400	ng/ul	# 0.00
23) Perylene-d12	23.744	264	10284	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1953	0.475	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	7676	0.313	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	17232	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	5197	1.210	ng/ul#	79
5) Naphthalene	10.689	128	13247	0.281	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	11237	0.360	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	10692	0.368	ng/ul#	100
10) Acenaphthylene	14.192	152	14470	0.265	ng/ul	94
11) Acenaphthene	14.534	153	10076	0.273	ng/ul	98
12) Fluorene	15.520	166	15895	0.385	ng/ul#	88
14) Pentachlorophenol	16.900	266	122	0.041	ng/ul#	24
15) Phenanthrene	17.251	178	45335	0.729	ng/ul#	90
16) Anthracene	17.344	178	17402	0.298	ng/ul#	81
19) Fluoranthene	19.272	202	28400	0.470	ng/ul#	94
20) Pyrene	19.634	202	36372	0.593	ng/ul#	95
21) Benzo(a)anthracene	21.385	228	18135	0.366	ng/ul#	67
22) Chrysene	21.435	228	25971	0.519	ng/ul#	73
24) Benzo(b)fluoranthene	23.034	252	17077	0.376	ng/ul#	1
25) Benzo(k)fluoranthene	23.077	252	13758	0.311	ng/ul#	1
26) Benzo(a)pyrene	23.639	252	15091	0.351	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.144	276	14817	0.329	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.161	278	11946	0.323	ng/ul#	53
29) Benzo(g,h,i)perylene	26.882	276	9966	0.258	ng/ul#	69

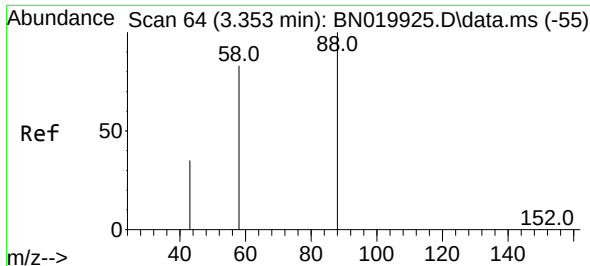
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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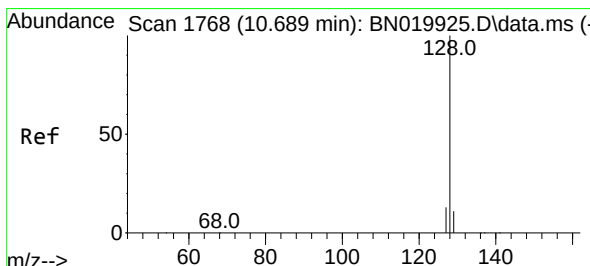
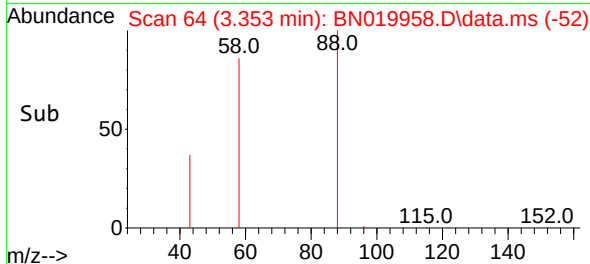
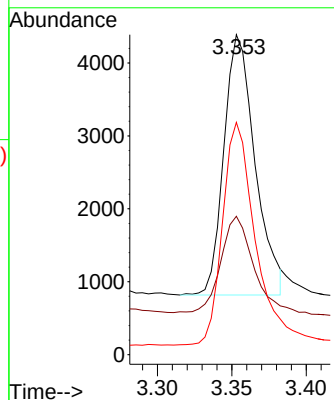
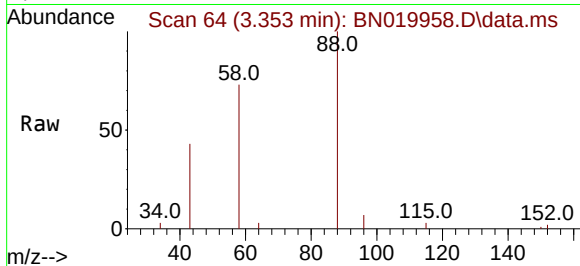




#2
 1,4-Dioxane
 Concen: 1.210 ng/ul
 RT: 3.353 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN019958.D
 Acq: 25 May 2022 19:08

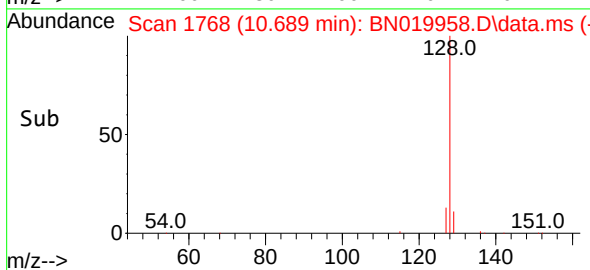
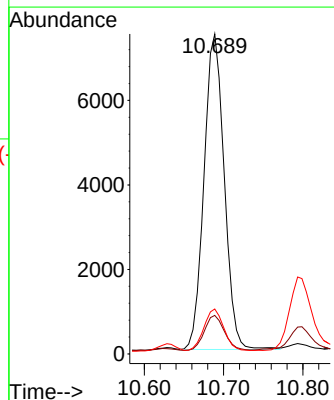
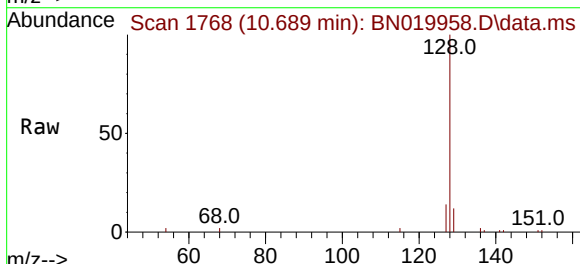
Instrument :
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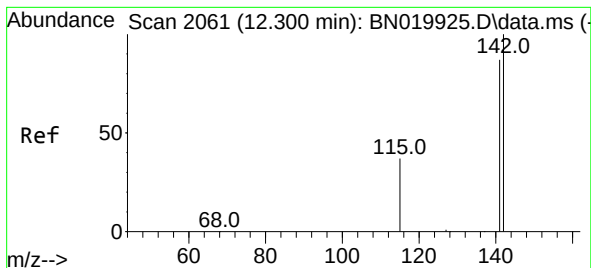
Tgt Ion: 88 Resp: 5197
 Ion Ratio Lower Upper
 88 100
 43 43.2 39.0 58.4
 58 72.6 39.8 59.8#



#5
 Naphthalene
 Concen: 0.281 ng/ul
 RT: 10.689 min Scan# 1768
 Delta R.T. -0.004 min
 Lab File: BN019958.D
 Acq: 25 May 2022 19:08

Tgt Ion: 128 Resp: 13247
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.5 14.3
 127 14.0 11.0 16.4

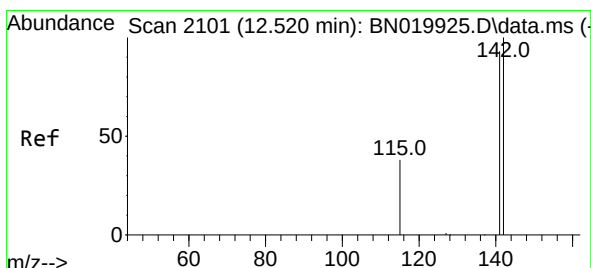
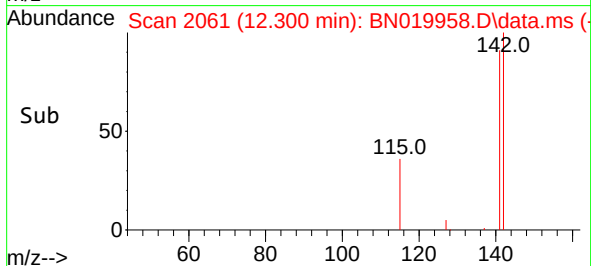
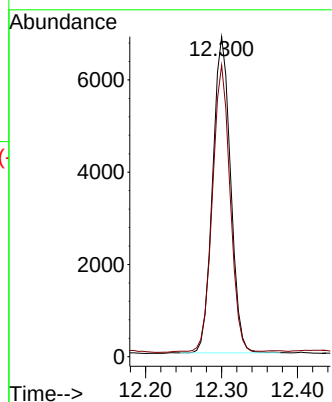
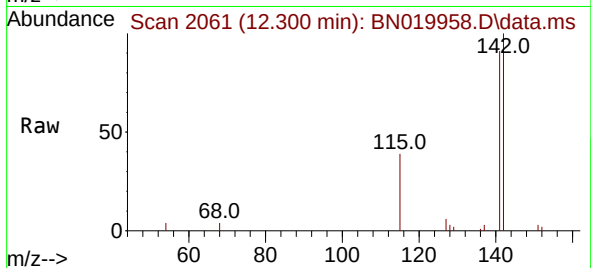




#7
2-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019958.D
Acq: 25 May 2022 19:08

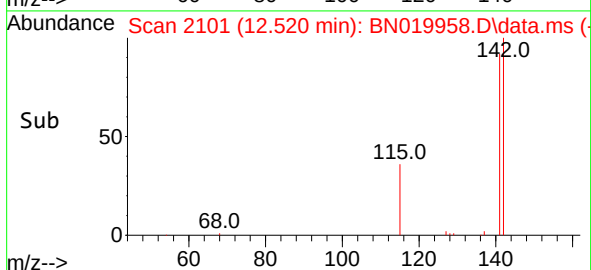
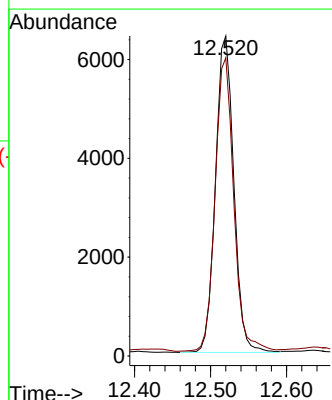
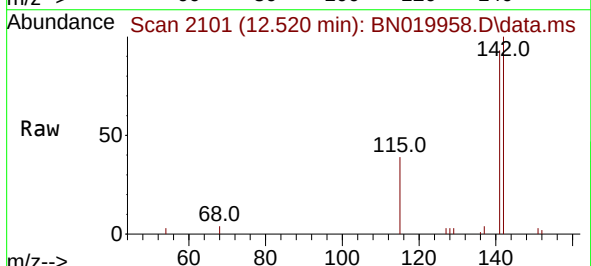
Instrument :
BNA_N
ClientSampleId :
EW4K6MSD

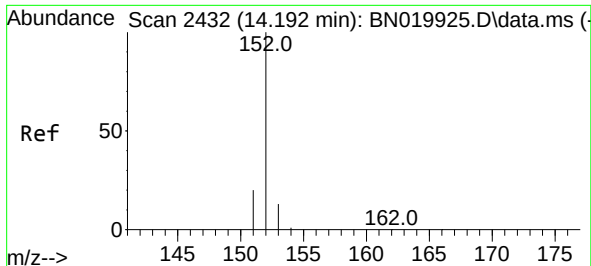
Tgt Ion:142 Resp: 11237
Ion Ratio Lower Upper
142 100
141 90.2 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019958.D
Acq: 25 May 2022 19:08

Tgt Ion:142 Resp: 10692
Ion Ratio Lower Upper
142 100
141 94.3 0.0 0.0#

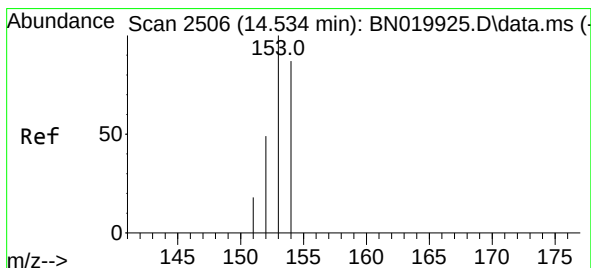
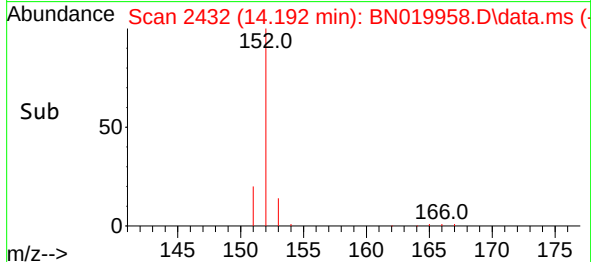
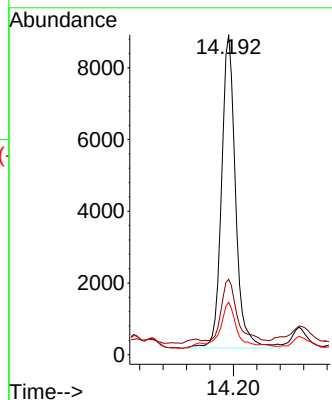
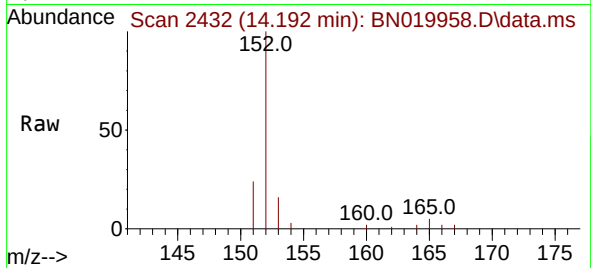




#10
Acenaphthylene
Concen: 0.265 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BN019958.D
Acq: 25 May 2022 19:08

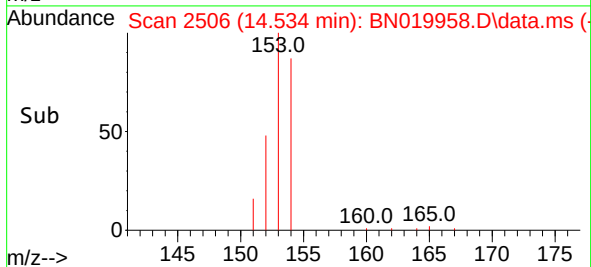
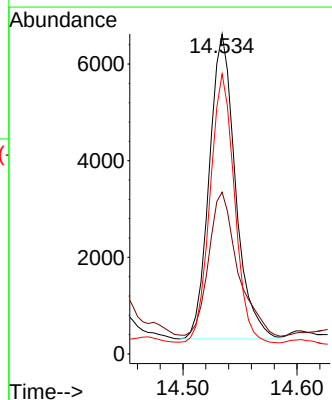
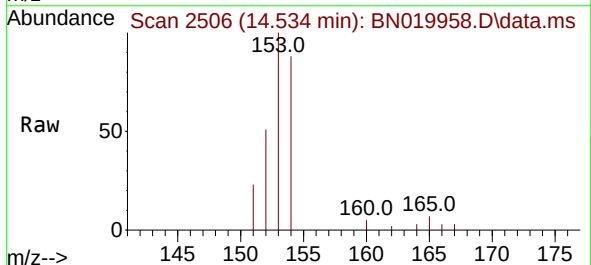
Instrument :
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ClientSampleId :
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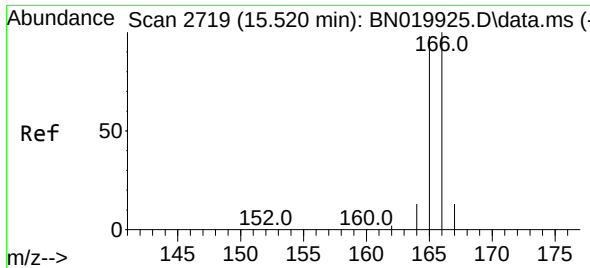
Tgt Ion:152 Resp: 14470
Ion Ratio Lower Upper
152 100
151 23.6 16.3 24.5
153 16.3 11.1 16.7



#11
Acenaphthene
Concen: 0.273 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.003 min
Lab File: BN019958.D
Acq: 25 May 2022 19:08

Tgt Ion:153 Resp: 10076
Ion Ratio Lower Upper
153 100
152 50.5 38.6 57.8
154 87.6 71.2 106.8

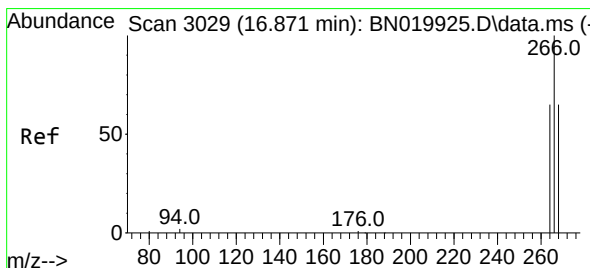
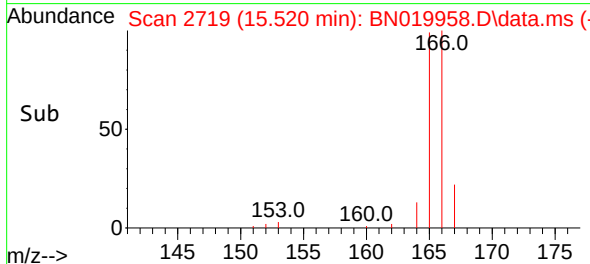
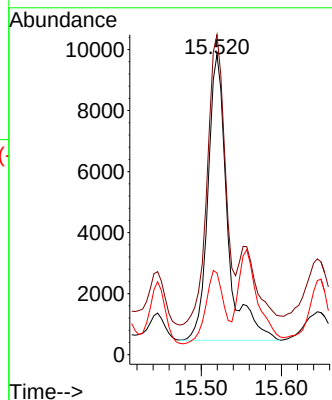
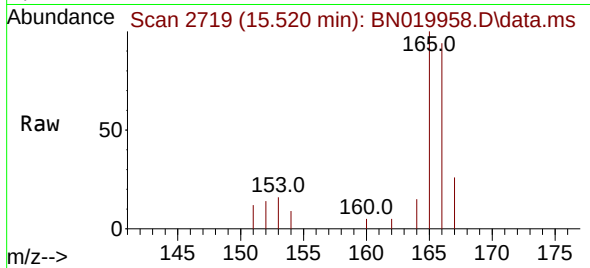




#12
Fluorene
Concen: 0.385 ng/ul
RT: 15.520 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN019958.D
Acq: 25 May 2022 19:08

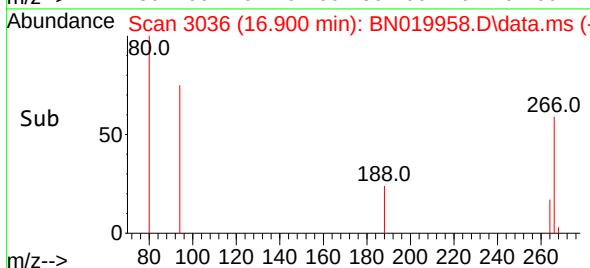
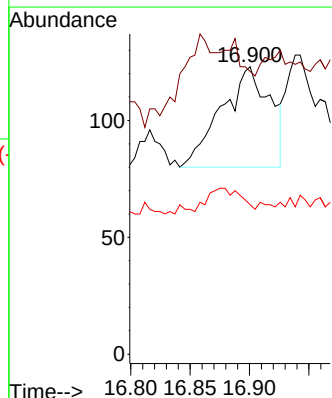
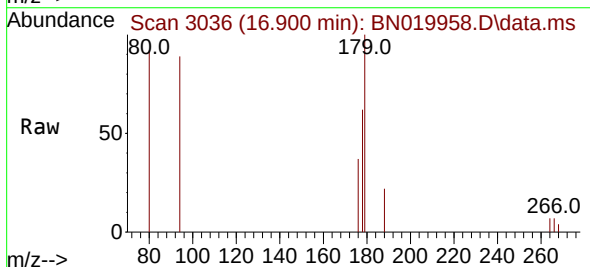
Instrument :
BNA_N
ClientSampleId :
EW4K6MSD

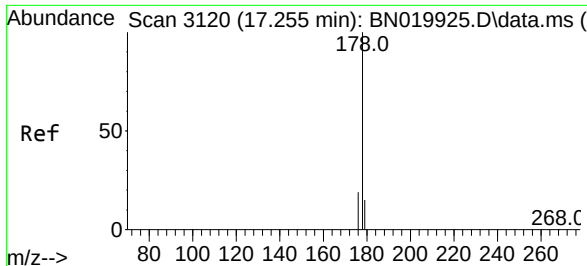
Tgt Ion:166 Resp: 15895
Ion Ratio Lower Upper
166 100
165 106.6 78.2 117.2
167 27.3 11.3 16.9#



#14
Pentachlorophenol
Concen: 0.041 ng/ul
RT: 16.900 min Scan# 3036
Delta R.T. 0.027 min
Lab File: BN019958.D
Acq: 25 May 2022 19:08

Tgt Ion:266 Resp: 122
Ion Ratio Lower Upper
266 100
264 0.0 44.9 67.3#
268 1.6 44.6 67.0#

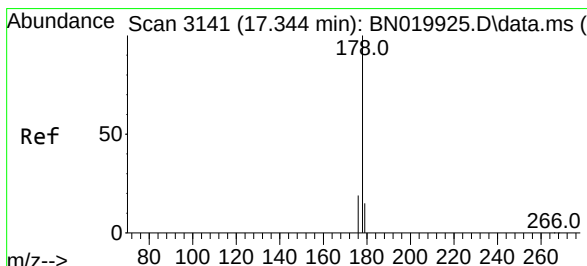
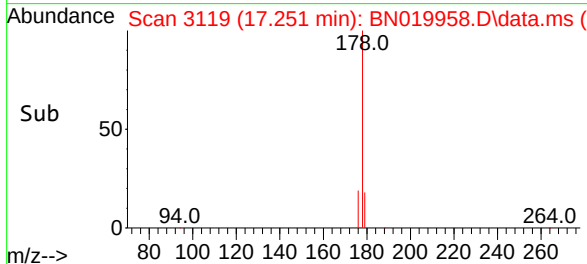
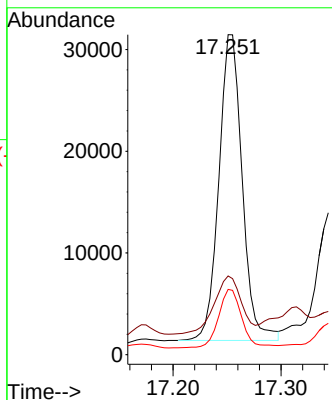
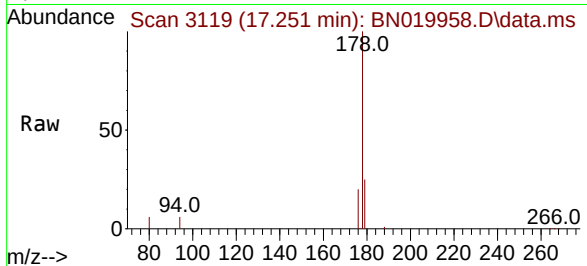




#15
Phenanthrene
Concen: 0.729 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN019958.D
Acq: 25 May 2022 19:08

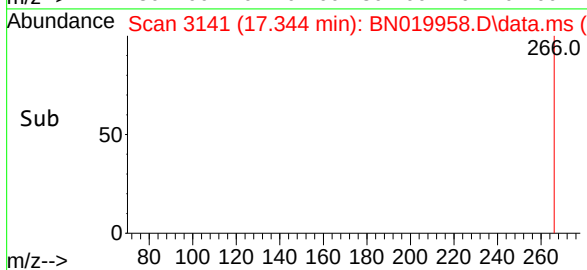
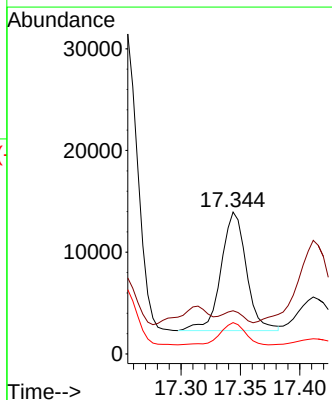
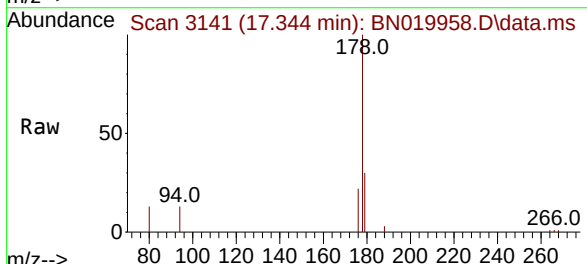
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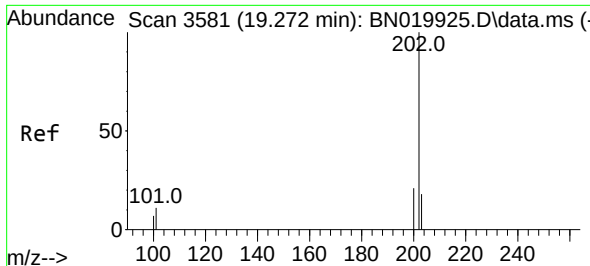
Tgt Ion:178 Resp: 45335
Ion Ratio Lower Upper
178 100
179 24.6 12.9 19.3#
176 20.4 15.5 23.3



#16
Anthracene
Concen: 0.298 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019958.D
Acq: 25 May 2022 19:08

Tgt Ion:178 Resp: 17402
Ion Ratio Lower Upper
178 100
179 30.4 13.1 19.7#
176 22.1 15.3 22.9

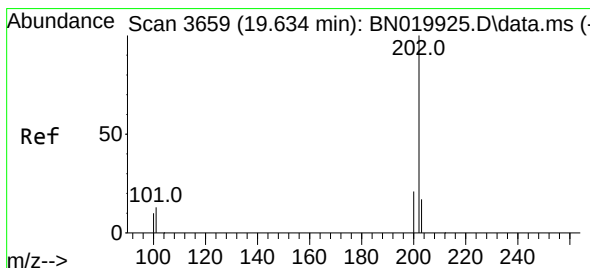
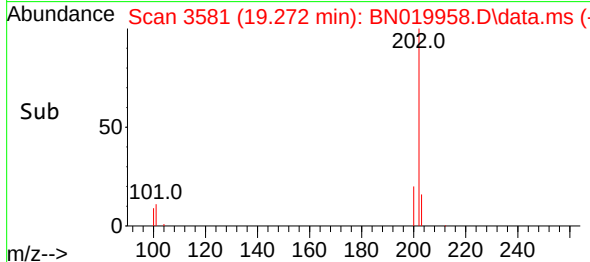
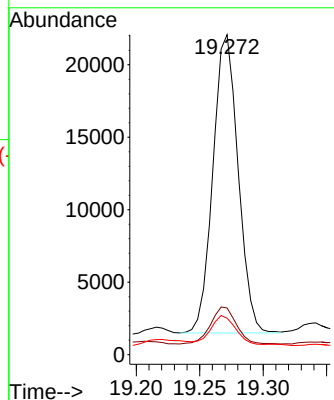
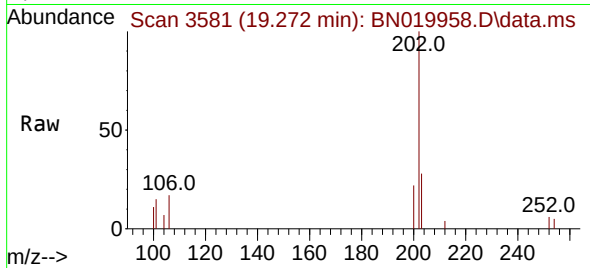




#19
Fluoranthene
Concen: 0.470 ng/ul
RT: 19.272 min Scan# 3581
Delta R.T. -0.003 min
Lab File: BN019958.D
Acq: 25 May 2022 19:08

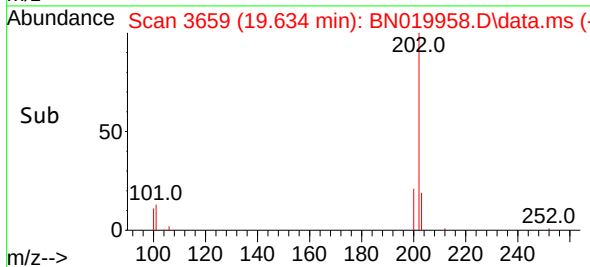
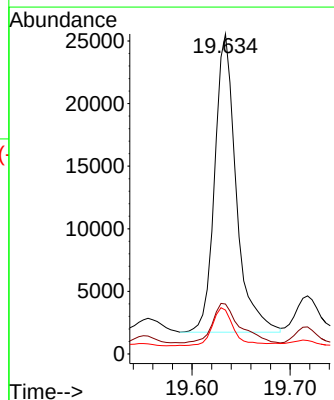
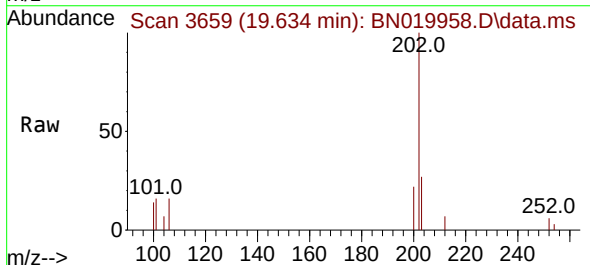
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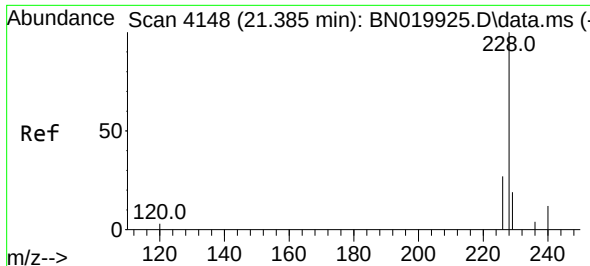
Tgt Ion:202 Resp: 28400
Ion Ratio Lower Upper
202 100
101 14.6 9.7 14.5#
100 11.4 7.4 11.2#



#20
Pyrene
Concen: 0.593 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.003 min
Lab File: BN019958.D
Acq: 25 May 2022 19:08

Tgt Ion:202 Resp: 36372
Ion Ratio Lower Upper
202 100
101 15.6 11.4 17.0
100 13.7 9.0 13.4#

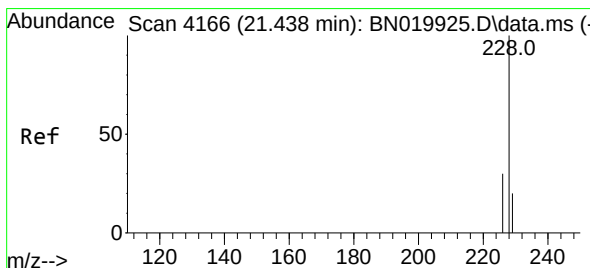
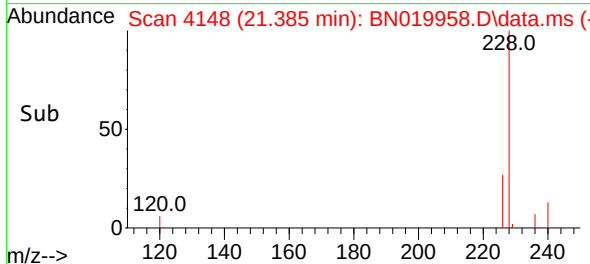
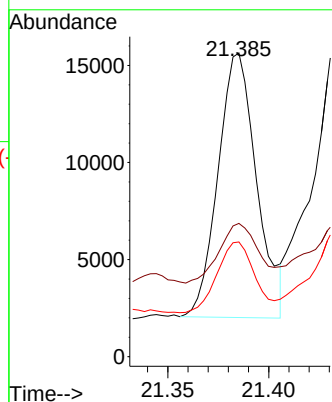
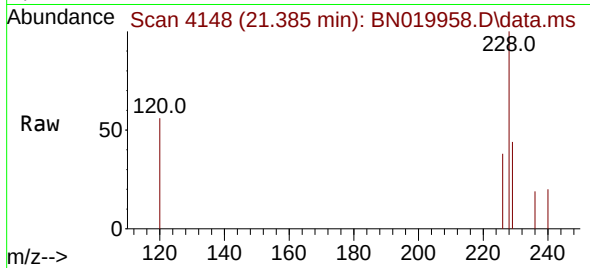




#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.385 min Scan# 4148
Delta R.T. 0.000 min
Lab File: BN019958.D
Acq: 25 May 2022 19:08

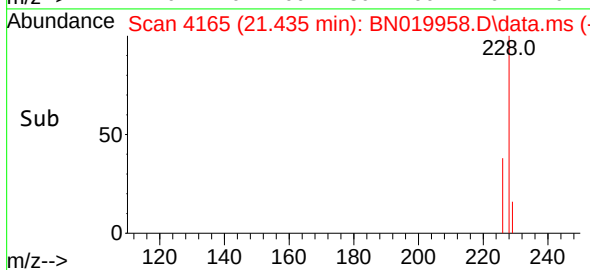
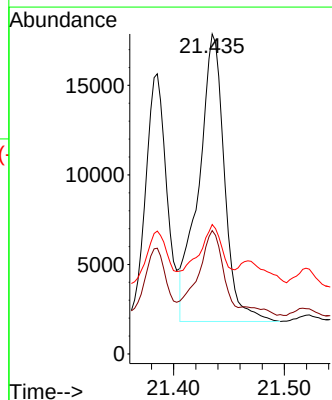
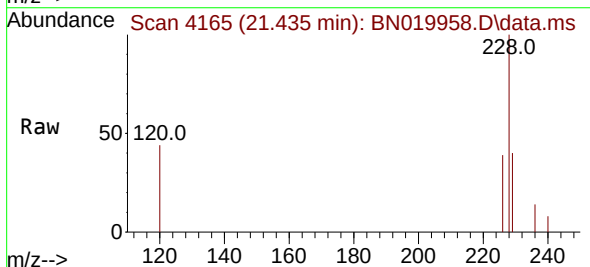
Instrument :
BNA_N
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EW4K6MSD

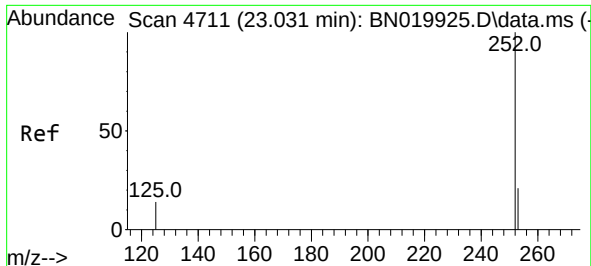
Tgt Ion:228 Resp: 18135
Ion Ratio Lower Upper
228 100
229 43.9 16.1 24.1#
226 37.8 22.1 33.1#



#22
Chrysene
Concen: 0.519 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BN019958.D
Acq: 25 May 2022 19:08

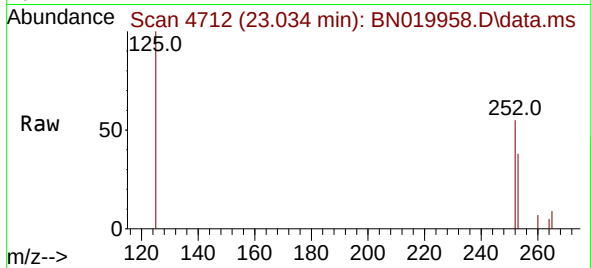
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Ion Ratio Lower Upper
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226 38.6 24.2 36.2#
229 40.5 16.0 24.0#



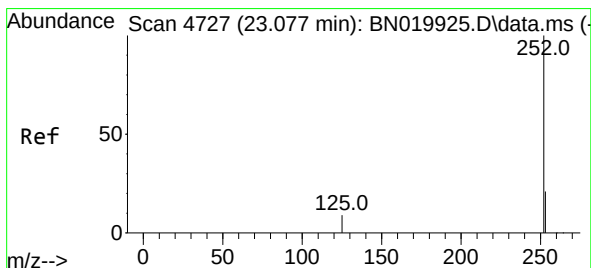
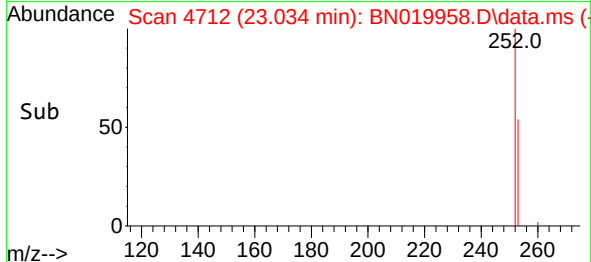
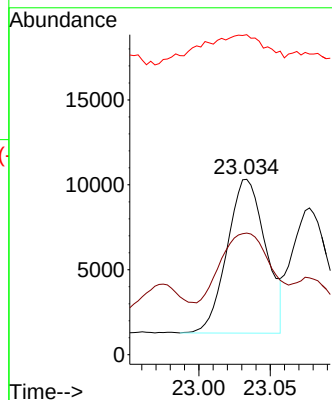


#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 23.034 min Scan# 4711
Delta R.T. 0.003 min
Lab File: BN019958.D
Acq: 25 May 2022 19:08

Instrument :
BNA_N
ClientSampleId :
EW4K6MSD

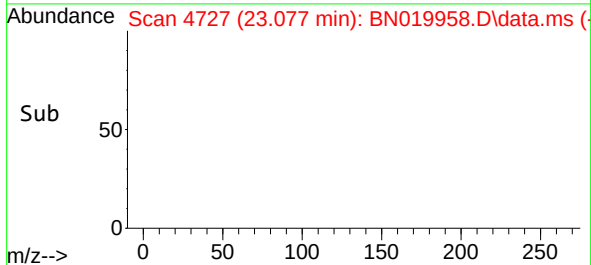
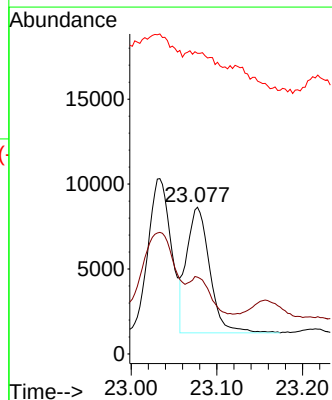
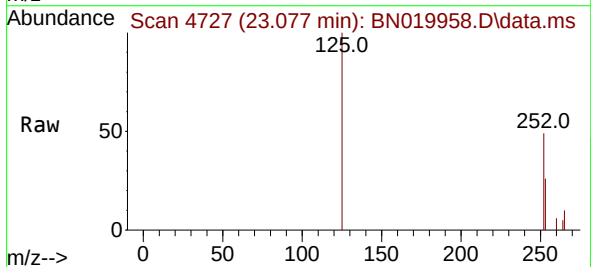


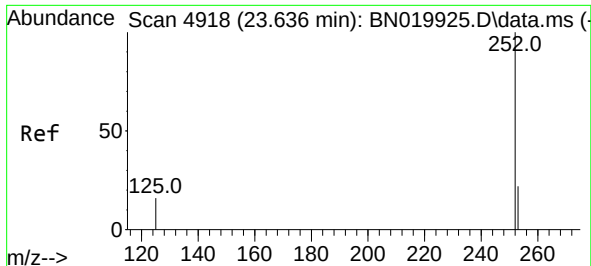
Tgt Ion:252 Resp: 17077
Ion Ratio Lower Upper
252 100
253 69.3 0.0 52.0#
125 182.4 0.0 40.2#



#25
Benzo(k)fluoranthene
Concen: 0.311 ng/ul
RT: 23.077 min Scan# 4727
Delta R.T. -0.003 min
Lab File: BN019958.D
Acq: 25 May 2022 19:08

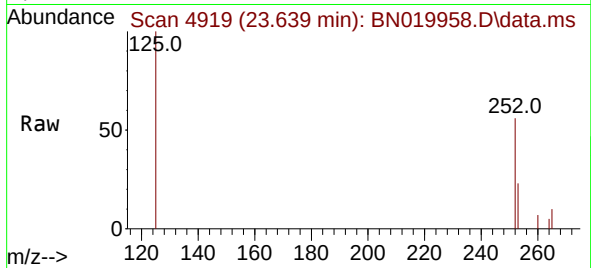
Tgt Ion:252 Resp: 13758
Ion Ratio Lower Upper
252 100
253 52.3 20.2 30.2#
125 204.7 11.0 16.6#



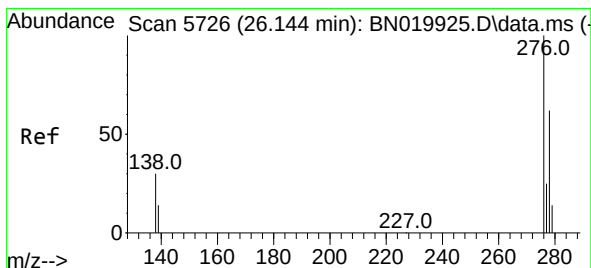
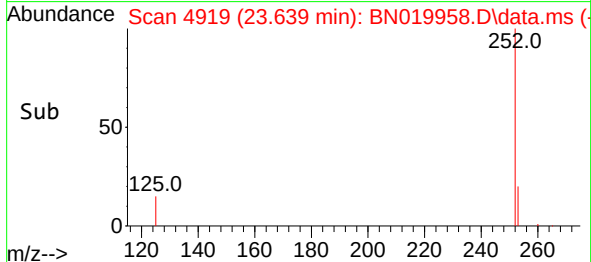
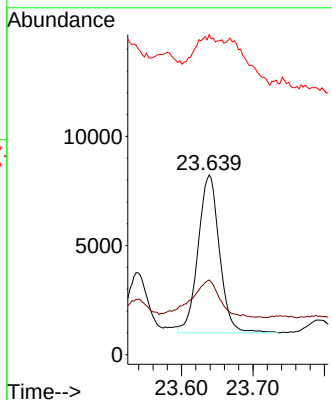


#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.639 min Scan# 4918
Delta R.T. 0.000 min
Lab File: BN019958.D
Acq: 25 May 2022 19:08

Instrument :
BNA_N
ClientSampleId :
EW4K6MSD

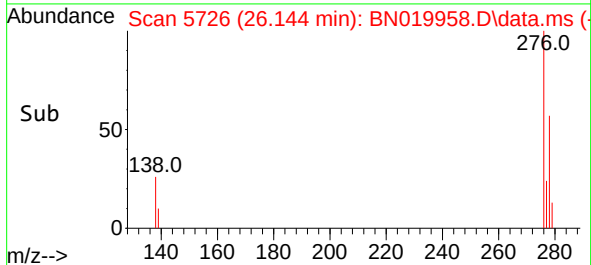
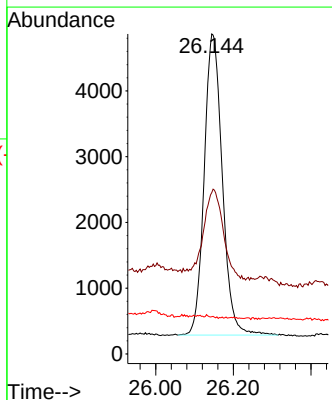
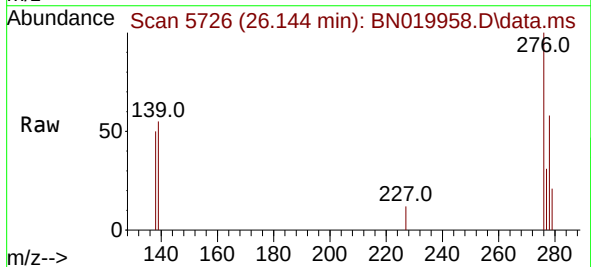


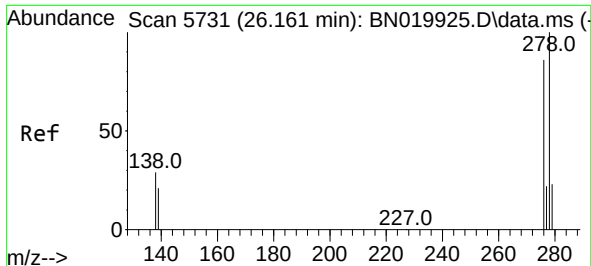
Tgt Ion:252 Resp: 15091
Ion Ratio Lower Upper
252 100
253 41.5 23.4 35.0#
125 177.9 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng/ul
RT: 26.144 min Scan# 5726
Delta R.T. -0.007 min
Lab File: BN019958.D
Acq: 25 May 2022 19:08

Tgt Ion:276 Resp: 14817
Ion Ratio Lower Upper
276 100
138 32.2 23.6 35.4
227 0.4 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.323 ng/ul

RT: 26.161 min Scan# 51

Delta R.T. -0.003 min

Lab File: BN019958.D

Acq: 25 May 2022 19:08

Instrument :

BNA_N

ClientSampleId :

EW4K6MSD

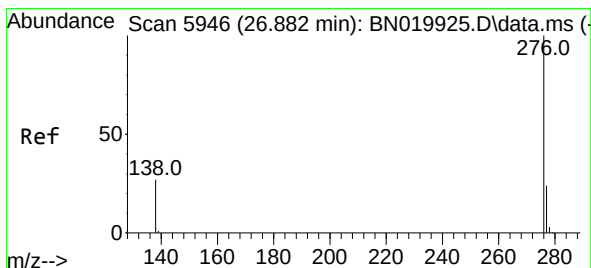
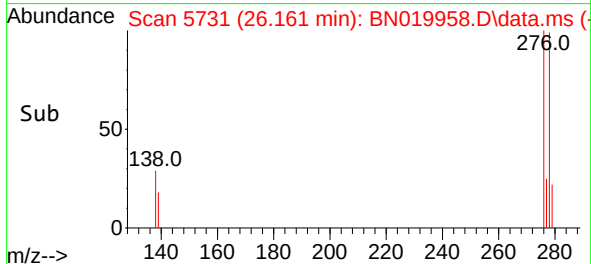
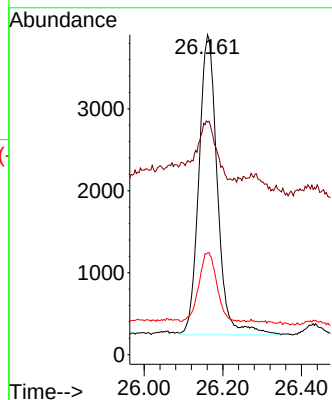
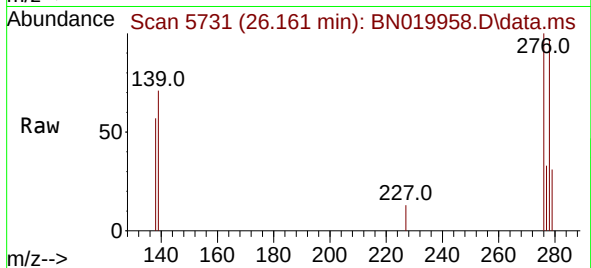
Tgt Ion:278 Resp: 11946

Ion Ratio Lower Upper

278 100

139 72.7 18.6 28.0#

279 31.8 35.1 52.7#



#29

Benzo(g,h,i)perylene

Concen: 0.258 ng/ul

RT: 26.882 min Scan# 5946

Delta R.T. -0.003 min

Lab File: BN019958.D

Acq: 25 May 2022 19:08

Tgt Ion:276 Resp: 9966

Ion Ratio Lower Upper

276 100

138 51.5 20.9 31.3#

277 31.0 20.4 30.6#

