

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019957.D
 Acq On : 25 May 2022 18:33
 Operator : CG/JU
 Sample : N2883-05MS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4K6MS

Quant Time: May 26 01:15:53 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)

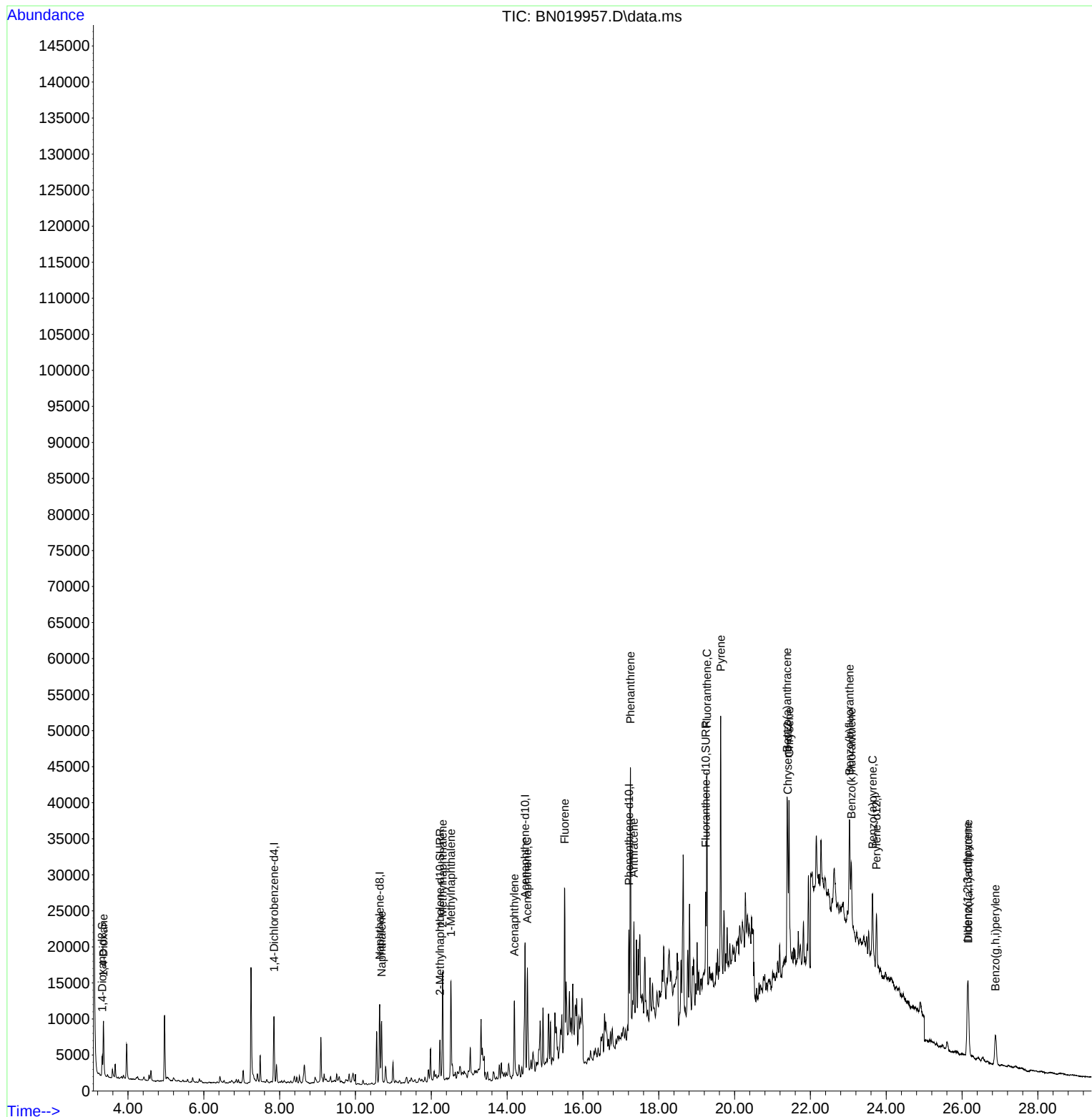
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4251	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	14569	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	9391	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	17401	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.403	240	12187	0.400	ng/ul	# 0.00
23) Perylene-d12	23.741	264	10317	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1825	0.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	6940	0.292	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	15896	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	4920	1.189	ng/ul#	80
5) Naphthalene	10.689	128	12021	0.263	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	10169	0.336	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	9712	0.345	ng/ul#	100
10) Acenaphthylene	14.192	152	12901	0.241	ng/ul	93
11) Acenaphthene	14.534	153	9196	0.254	ng/ul	96
12) Fluorene	15.520	166	13104	0.323	ng/ul#	87
15) Phenanthrene	17.255	178	41573	0.679	ng/ul#	91
16) Anthracene	17.344	178	16353	0.285	ng/ul#	81
19) Fluoranthene	19.272	202	26206	0.431	ng/ul#	93
20) Pyrene	19.634	202	33503	0.543	ng/ul#	95
21) Benzo(a)anthracene	21.385	228	16834	0.338	ng/ul#	69
22) Chrysene	21.438	228	24549	0.488	ng/ul#	74
24) Benzo(b)fluoranthene	23.031	252	16004	0.351	ng/ul#	1
25) Benzo(k)fluoranthene	23.080	252	12918	0.291	ng/ul#	1
26) Benzo(a)pyrene	23.639	252	14275	0.331	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.144	276	13847	0.306	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.165	278	10875	0.293	ng/ul#	54
29) Benzo(g,h,i)perylene	26.882	276	9385	0.243	ng/ul#	68

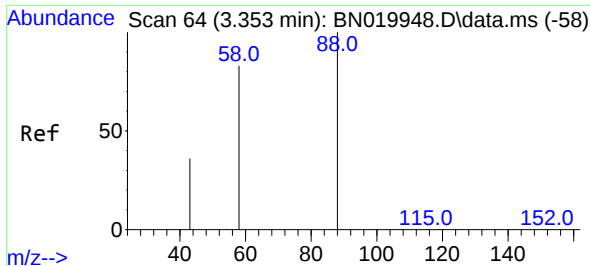
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
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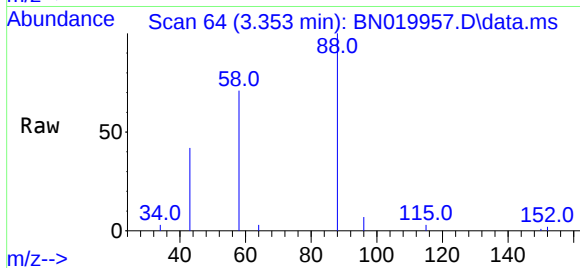
Quant Time: May 26 01:15:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 14:58:28 2022
Response via : Initial Calibration



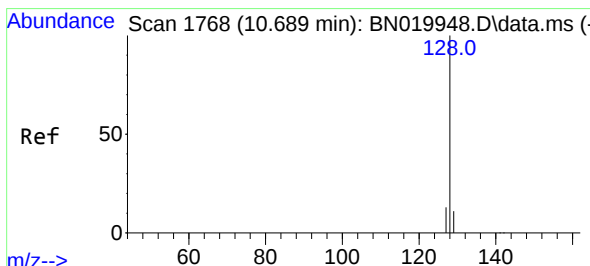
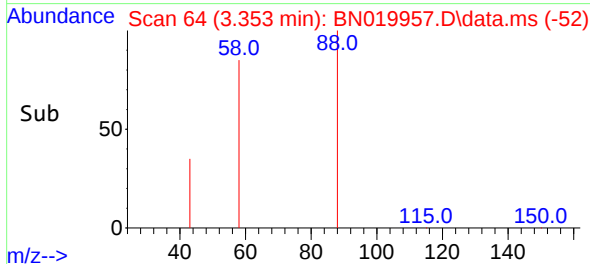
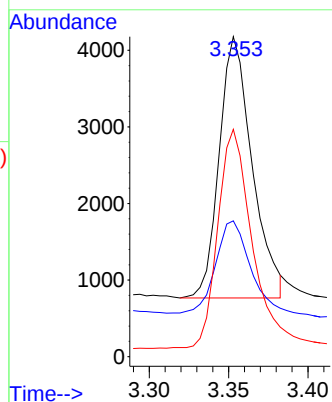


#2
1,4-Dioxane
Concen: 1.189 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN019957.D
Acq: 25 May 2022 18:33

Instrument :
BNA_N
ClientSampleId :
EW4K6MS

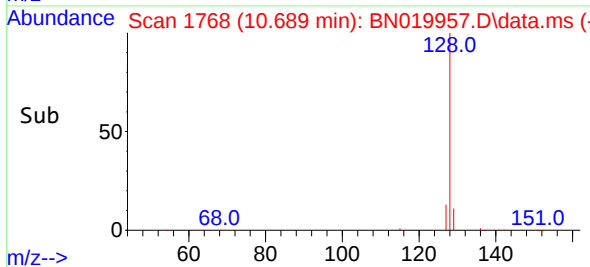
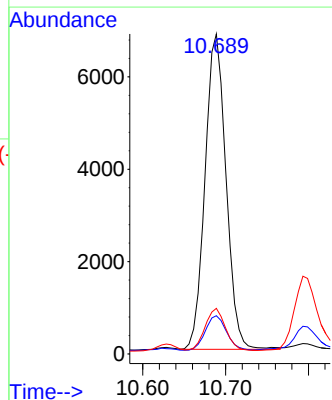
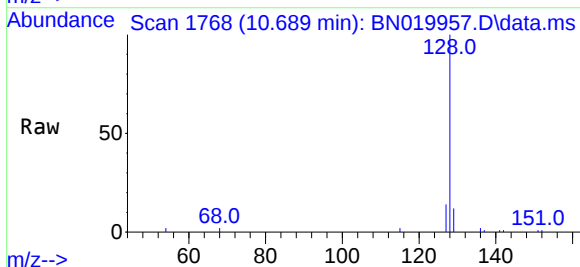


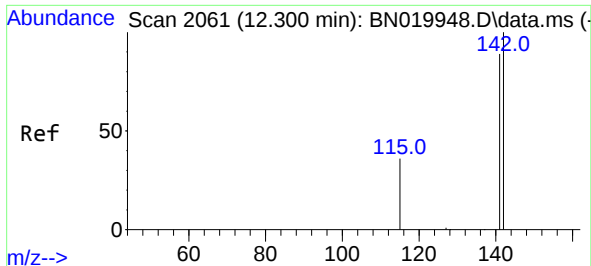
Tgt Ion: 88 Resp: 4920
Ion Ratio Lower Upper
88 100
43 42.4 39.0 58.4
58 71.1 39.8 59.8#



#5
Naphthalene
Concen: 0.263 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BN019957.D
Acq: 25 May 2022 18:33

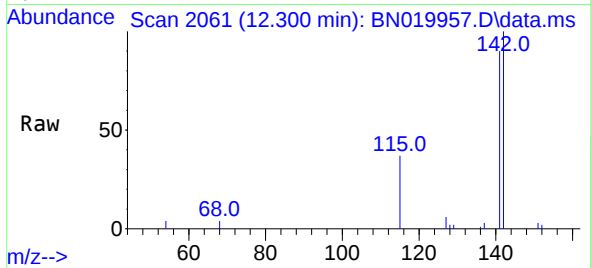
Tgt Ion:128 Resp: 12021
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.2 11.0 16.4



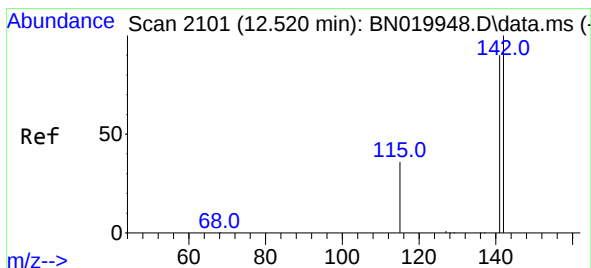
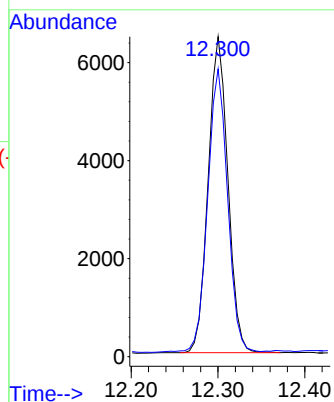


#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019957.D
Acq: 25 May 2022 18:33

Instrument :
BNA_N
ClientSampleId :
EW4K6MS

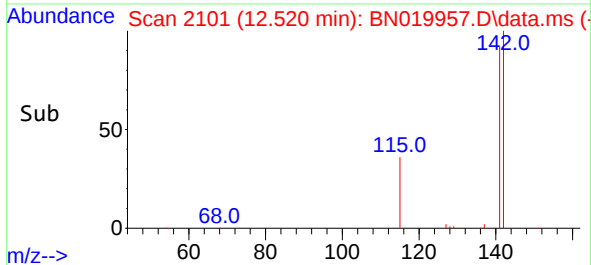
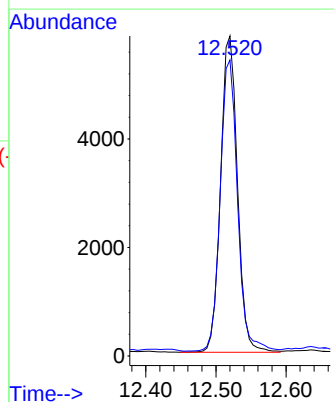
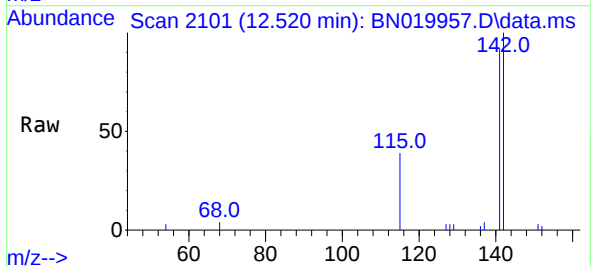


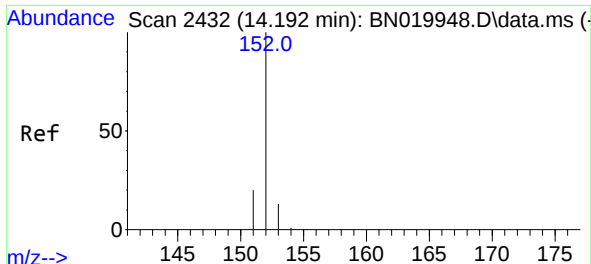
Tgt Ion:142 Resp: 10169
Ion Ratio Lower Upper
142 100
141 90.8 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019957.D
Acq: 25 May 2022 18:33

Tgt Ion:142 Resp: 9712
Ion Ratio Lower Upper
142 100
141 94.3 0.0 0.0#

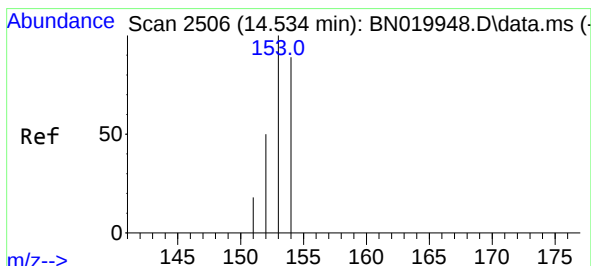
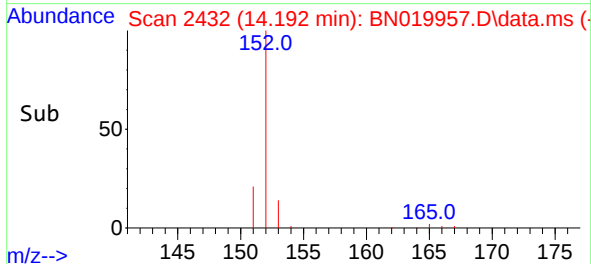
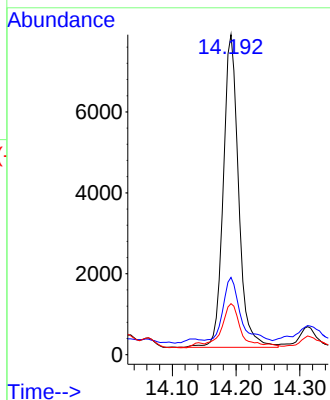
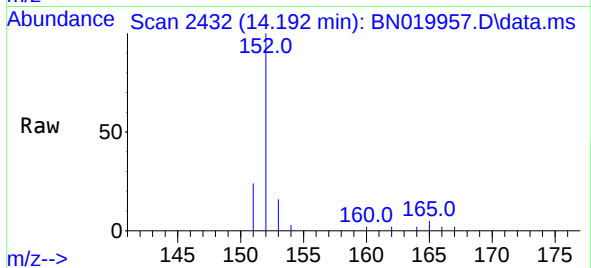




#10
Acenaphthylene
Concen: 0.241 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BN019957.D
Acq: 25 May 2022 18:33

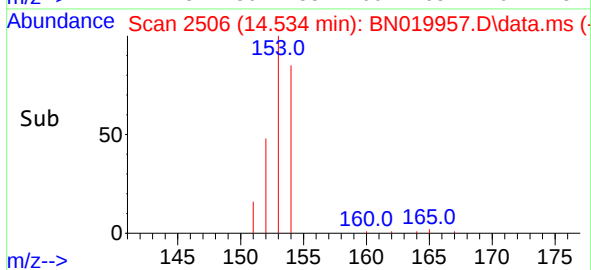
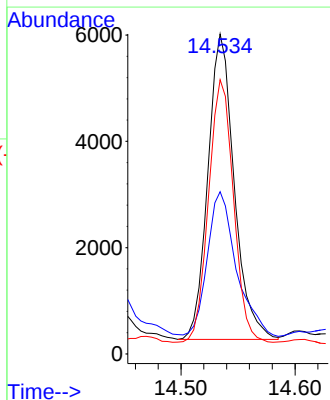
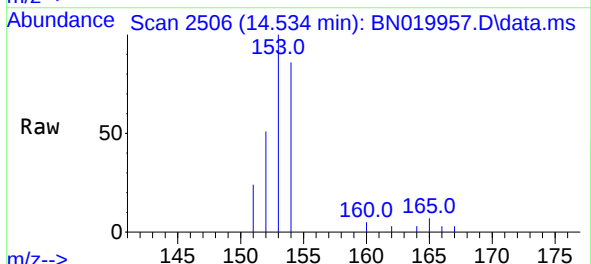
Instrument :
BNA_N
ClientSampleId :
EW4K6MS

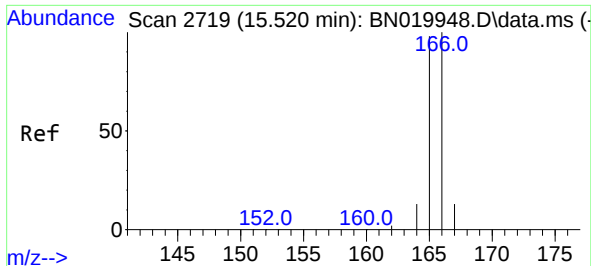
Tgt Ion:	152	Resp:	12901
Ion	Ratio	Lower	Upper
152	100		
151	24.1	16.3	24.5
153	16.0	11.1	16.7



#11
Acenaphthene
Concen: 0.254 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.003 min
Lab File: BN019957.D
Acq: 25 May 2022 18:33

Tgt Ion:	153	Resp:	9196
Ion	Ratio	Lower	Upper
153	100		
152	50.7	38.6	57.8
154	85.7	71.2	106.8

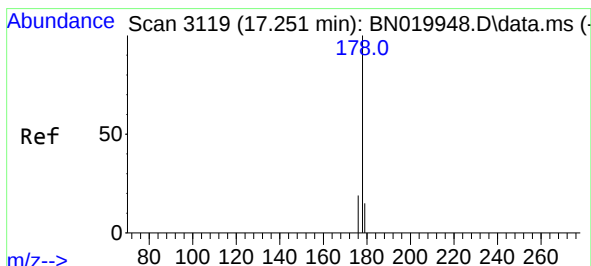
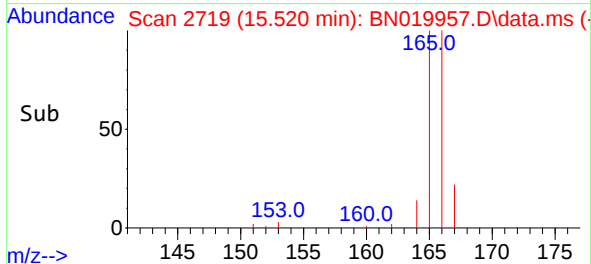
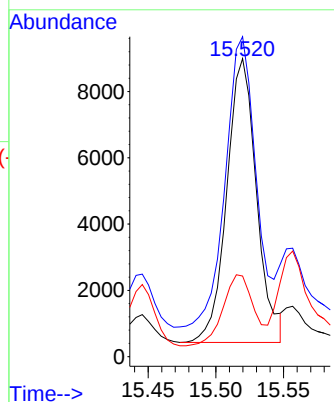
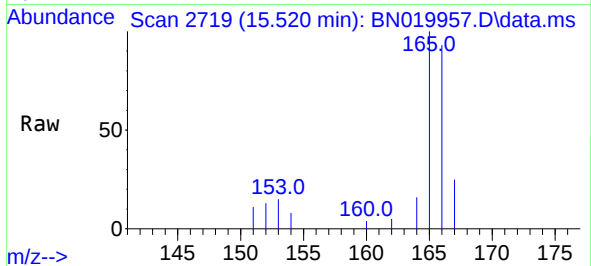




#12
Fluorene
Concen: 0.323 ng/u1
RT: 15.520 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN019957.D
Acq: 25 May 2022 18:33

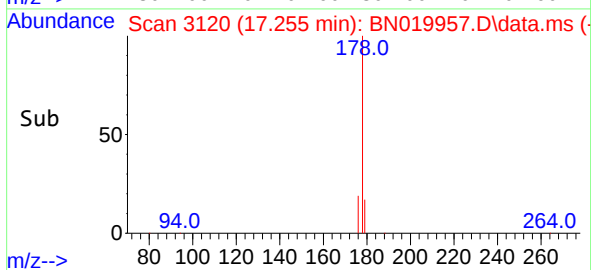
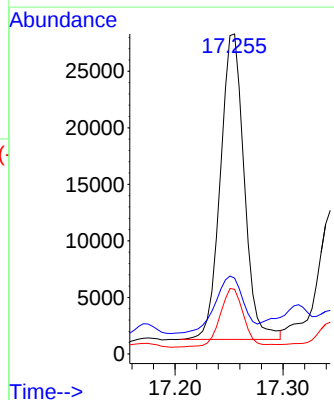
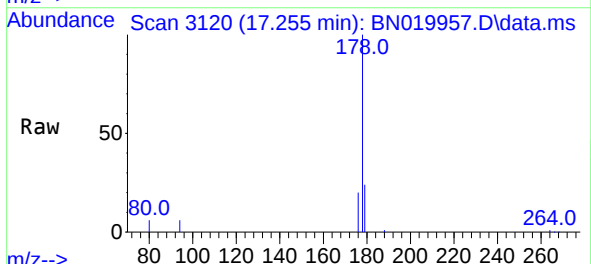
Instrument :
BNA_N
ClientSampleId :
EW4K6MS

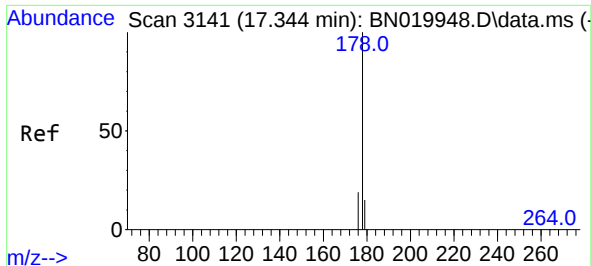
Tgt Ion:166 Resp: 13104
Ion Ratio Lower Upper
166 100
165 107.3 78.2 117.2
167 27.1 11.3 16.9#



#15
Phenanthrene
Concen: 0.679 ng/u1
RT: 17.255 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BN019957.D
Acq: 25 May 2022 18:33

Tgt Ion:178 Resp: 41573
Ion Ratio Lower Upper
178 100
179 23.7 12.9 19.3#
176 20.2 15.5 23.3

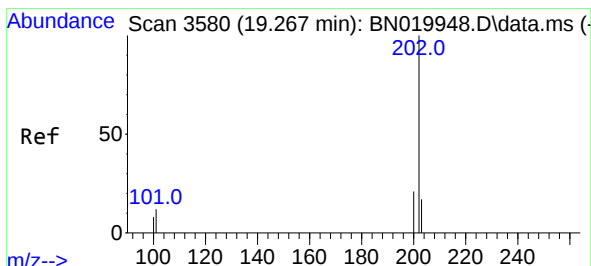
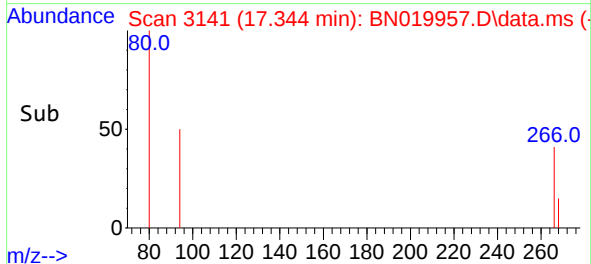
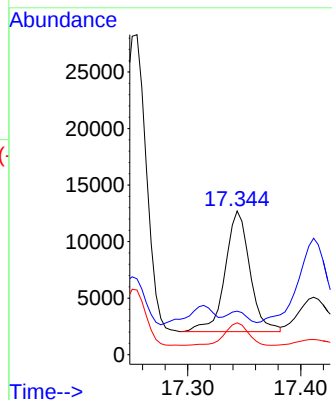
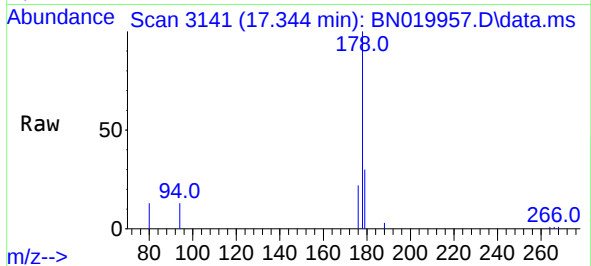




#16
 Anthracene
 Concen: 0.285 ng/ul
 RT: 17.344 min Scan# 3141
 Delta R.T. -0.003 min
 Lab File: BN019957.D
 Acq: 25 May 2022 18:33

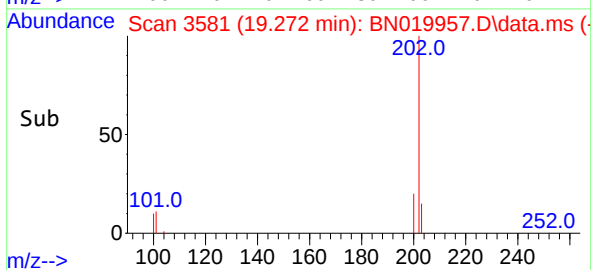
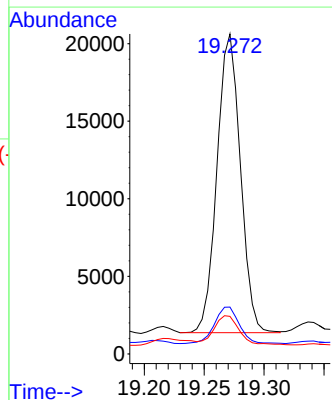
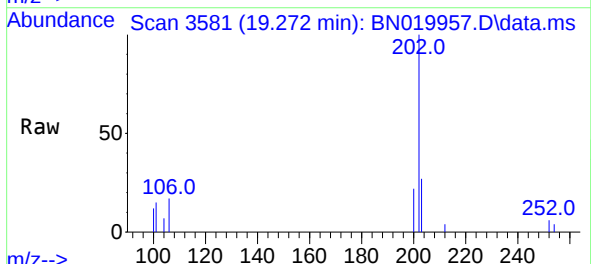
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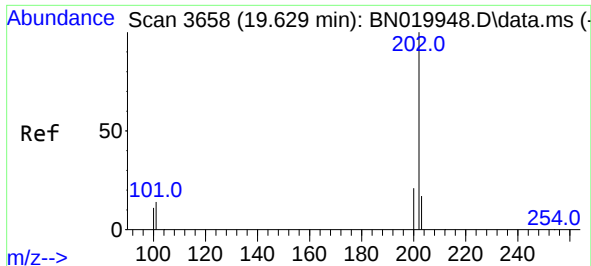
Tgt Ion:178 Resp: 16353
 Ion Ratio Lower Upper
 178 100
 179 30.2 13.1 19.7#
 176 22.1 15.3 22.9



#19
 Fluoranthene
 Concen: 0.431 ng/ul
 RT: 19.272 min Scan# 3581
 Delta R.T. -0.003 min
 Lab File: BN019957.D
 Acq: 25 May 2022 18:33

Tgt Ion:202 Resp: 26206
 Ion Ratio Lower Upper
 202 100
 101 14.6 9.7 14.5#
 100 11.7 7.4 11.2#

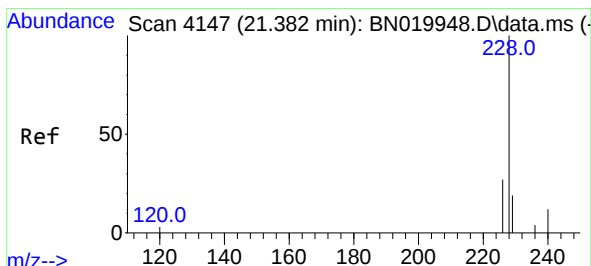
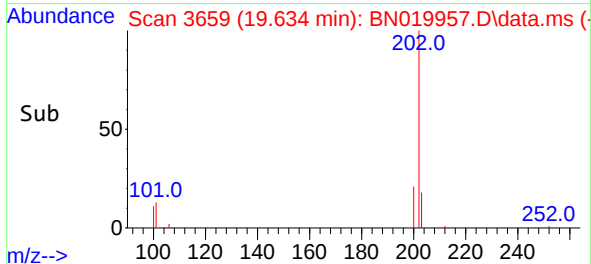
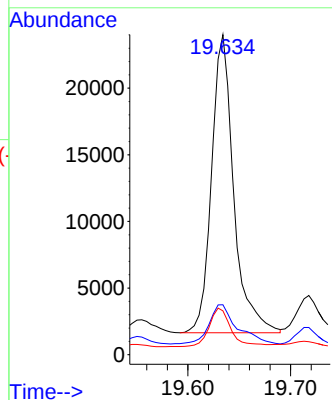
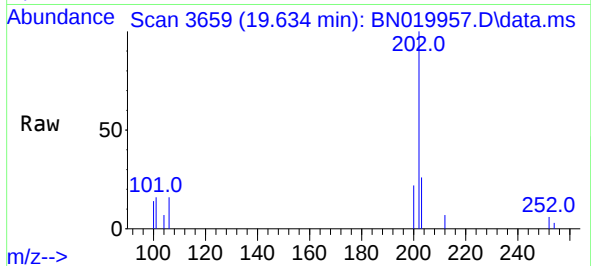




#20
Pyrene
Concen: 0.543 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.003 min
Lab File: BN019957.D
Acq: 25 May 2022 18:33

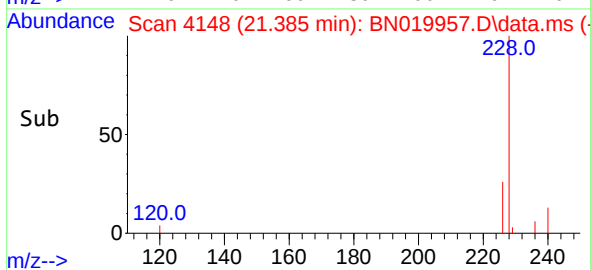
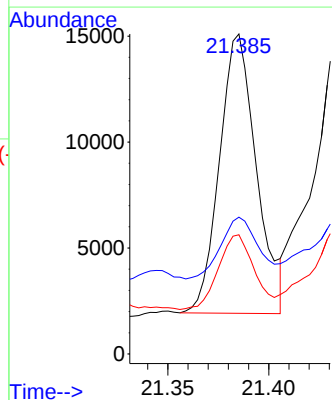
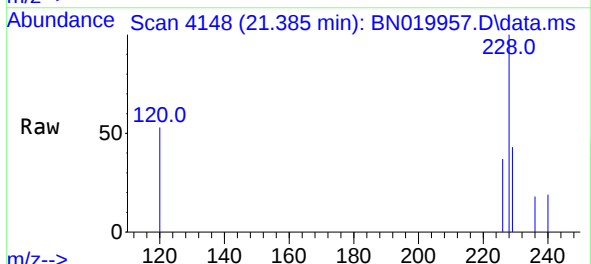
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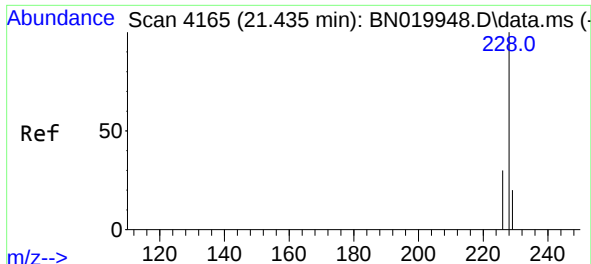
Tgt Ion:202 Resp: 33503
Ion Ratio Lower Upper
202 100
101 15.6 11.4 17.0
100 13.7 9.0 13.4#



#21
Benzo(a)anthracene
Concen: 0.338 ng/ul
RT: 21.385 min Scan# 4148
Delta R.T. 0.000 min
Lab File: BN019957.D
Acq: 25 May 2022 18:33

Tgt Ion:228 Resp: 16834
Ion Ratio Lower Upper
228 100
229 42.7 16.1 24.1#
226 37.2 22.1 33.1#

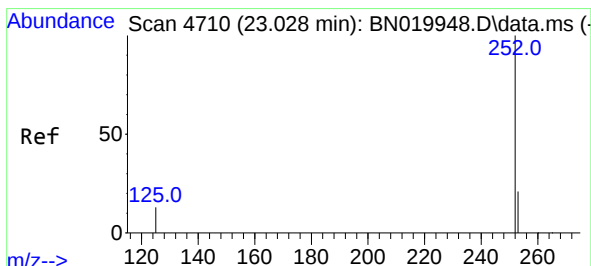
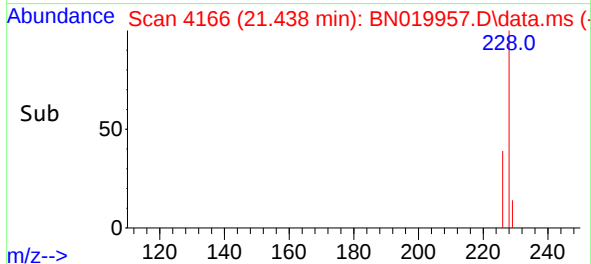
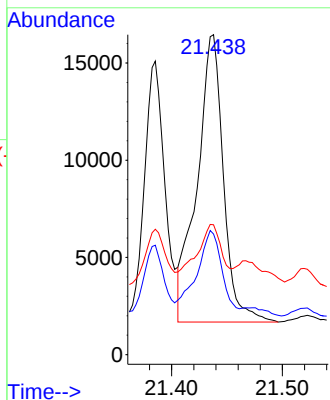
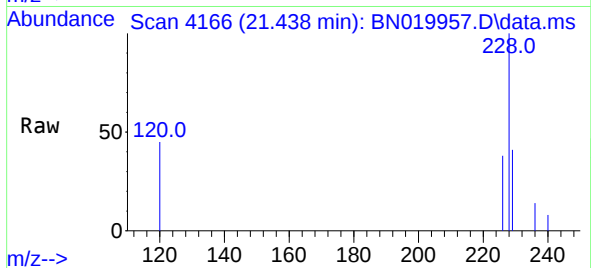




#22
Chrysene
Concen: 0.488 ng/ul
RT: 21.438 min Scan# 4165
Delta R.T. 0.000 min
Lab File: BN019957.D
Acq: 25 May 2022 18:33

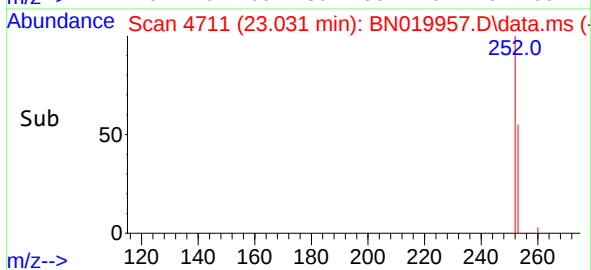
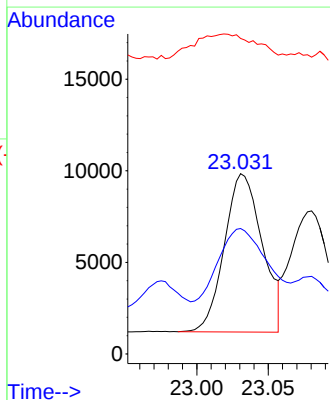
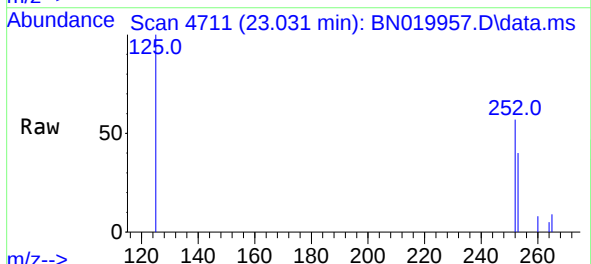
Instrument :
BNA_N
ClientSampleId :
EW4K6MS

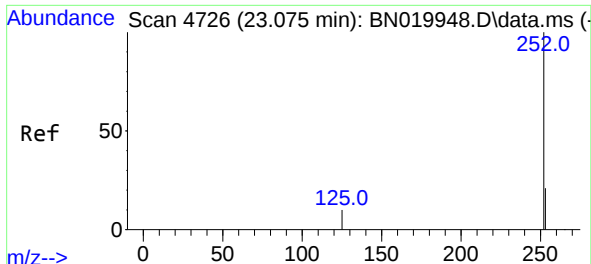
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Ion Ratio Lower Upper
228 100
226 37.7 24.2 36.2#
229 40.6 16.0 24.0#



#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 23.031 min Scan# 4711
Delta R.T. 0.000 min
Lab File: BN019957.D
Acq: 25 May 2022 18:33

Tgt Ion:252 Resp: 16004
Ion Ratio Lower Upper
252 100
253 69.6 0.0 52.0#
125 175.0 0.0 40.2#

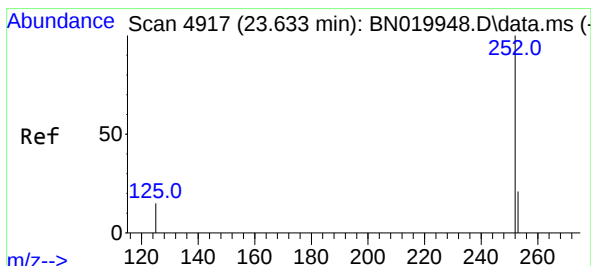
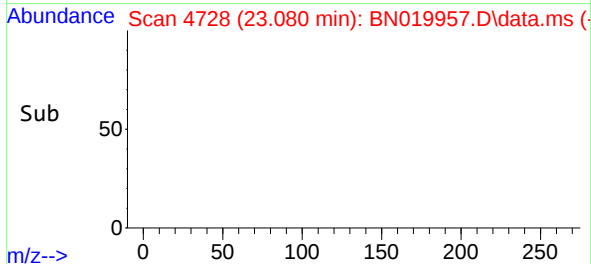
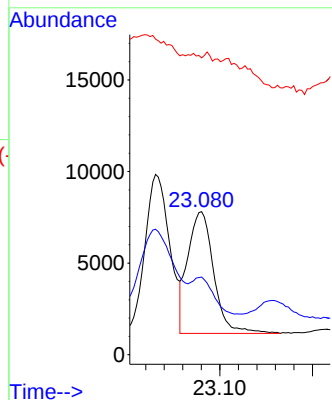
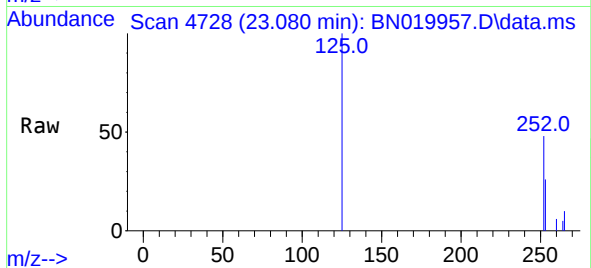




#25
Benzo(k)fluoranthene
Concen: 0.291 ng/u1
RT: 23.080 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN019957.D
Acq: 25 May 2022 18:33

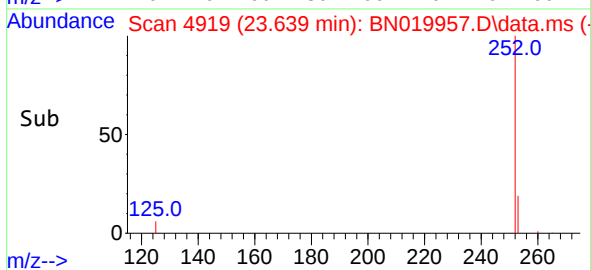
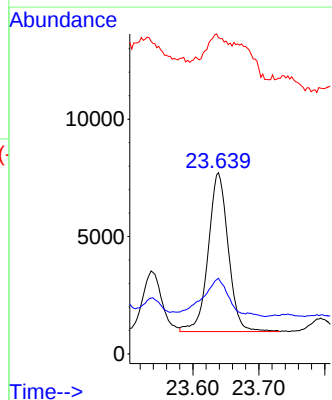
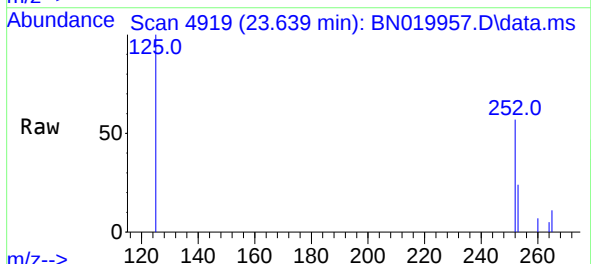
Instrument :
BNA_N
ClientSampleId :
EW4K6MS

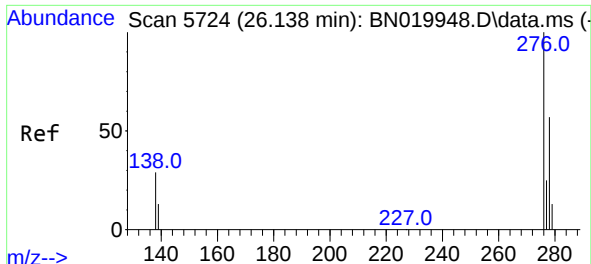
Tgt Ion:252 Resp: 12918
Ion Ratio Lower Upper
252 100
253 54.2 20.2 30.2#
125 207.4 11.0 16.6#



#26
Benzo(a)pyrene
Concen: 0.331 ng/u1
RT: 23.639 min Scan# 4919
Delta R.T. 0.000 min
Lab File: BN019957.D
Acq: 25 May 2022 18:33

Tgt Ion:252 Resp: 14275
Ion Ratio Lower Upper
252 100
253 41.7 23.4 35.0#
125 174.5 28.3 42.5#

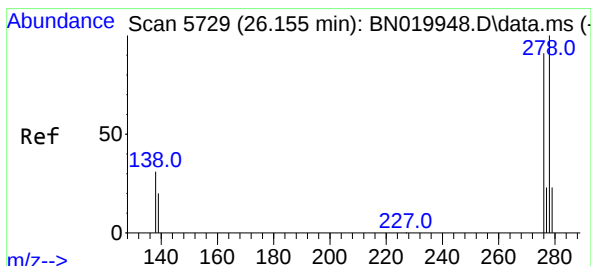
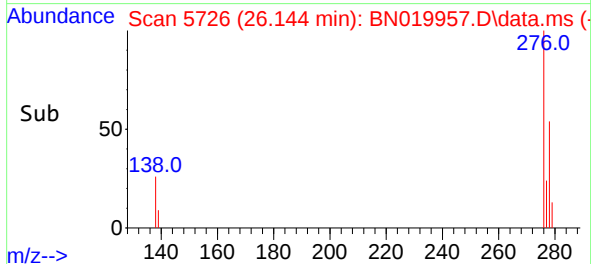
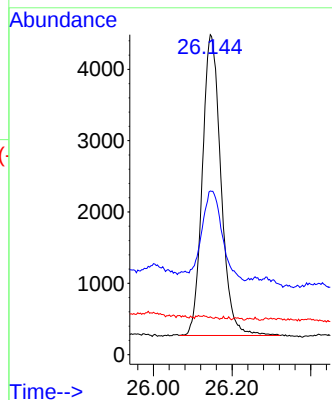
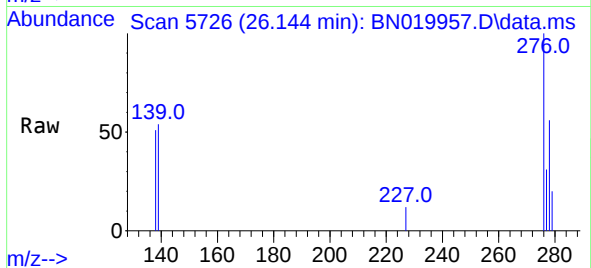




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.306 ng/ul
RT: 26.144 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN019957.D
Acq: 25 May 2022 18:33

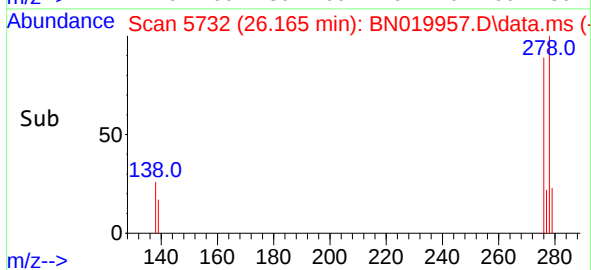
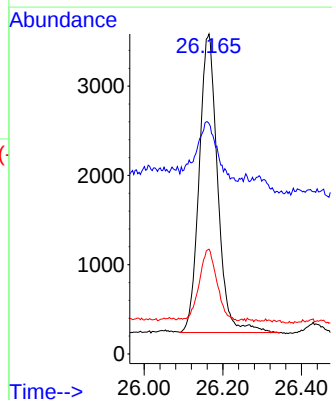
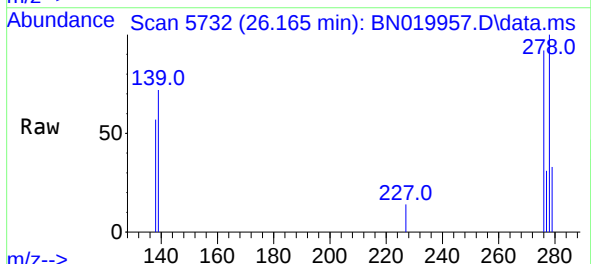
Instrument :
BNA_N
ClientSampleId :
EW4K6MS

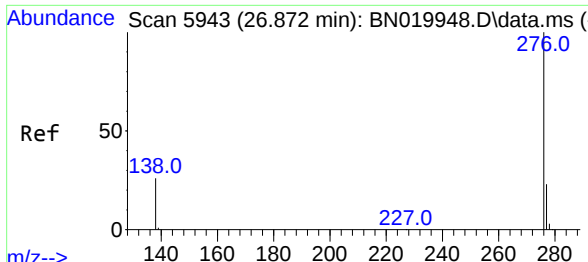
Tgt Ion:276 Resp: 13847
Ion Ratio Lower Upper
276 100
138 32.4 23.6 35.4
227 0.1 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.293 ng/ul
RT: 26.165 min Scan# 5732
Delta R.T. 0.000 min
Lab File: BN019957.D
Acq: 25 May 2022 18:33

Tgt Ion:278 Resp: 10875
Ion Ratio Lower Upper
278 100
139 72.0 18.6 28.0#
279 32.7 35.1 52.7#





#29
Benzo(g,h,i)perylene
Concen: 0.243 ng/ul
RT: 26.882 min Scan# 5946
Delta R.T. -0.003 min
Lab File: BN019957.D
Acq: 25 May 2022 18:33

Instrument :
BNA_N
ClientSampleId :
EW4K6MS

Tgt Ion:276 Resp: 9385
Ion Ratio Lower Upper
276 100
138 51.0 20.9 31.3#
277 33.1 20.4 30.6#

