

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019952.D
 Acq On : 25 May 2022 15:32
 Operator : CG/JU
 Sample : PB145009BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS009

Quant Time: May 26 01:15:31 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)

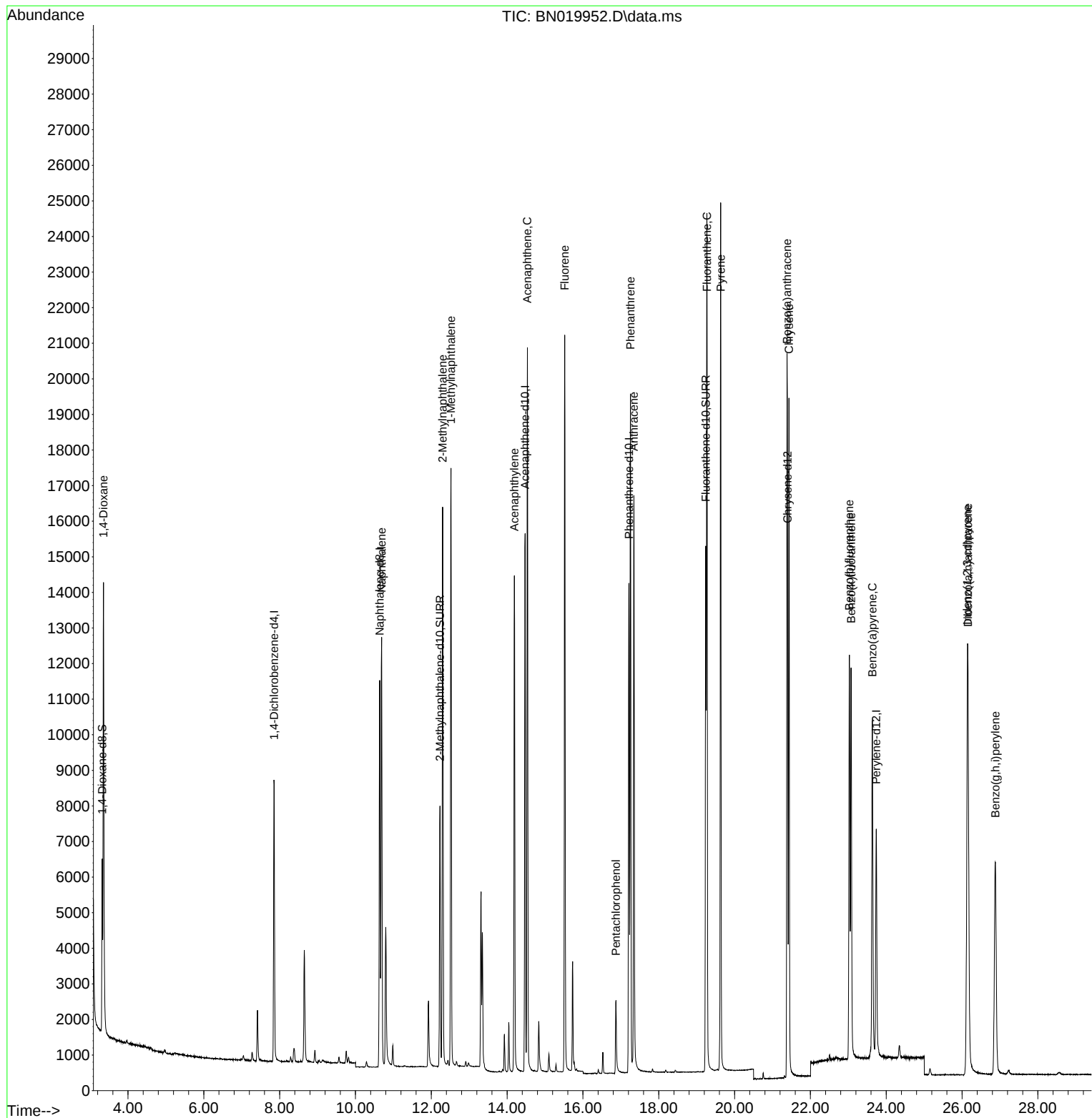
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	4412	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	15050	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.474	164	8841	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	17146	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	10685	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	8954	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	3213	0.781	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	9940	0.405	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	17259	0.452	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	8251	1.922	ng/ul#	72
5) Naphthalene	10.689	128	17134	0.363	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	11406	0.365	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	11835	0.406	ng/ul#	100
10) Acenaphthylene	14.192	152	16906	0.336	ng/ul	99
11) Acenaphthene	14.534	153	12267	0.359	ng/ul	99
12) Fluorene	15.520	166	13634	0.357	ng/ul	100
14) Pentachlorophenol	16.871	266	1671	0.585	ng/ul	90
15) Phenanthrene	17.255	178	21910	0.363	ng/ul	99
16) Anthracene	17.344	178	19323	0.342	ng/ul	99
19) Fluoranthene	19.271	202	22233	0.417	ng/ul	98
20) Pyrene	19.634	202	21500	0.397	ng/ul	98
21) Benzo(a)anthracene	21.382	228	15511	0.355	ng/ul	99
22) Chrysene	21.435	228	16877	0.383	ng/ul	100
24) Benzo(b)fluoranthene	23.028	252	15278	0.386	ng/ul	91
25) Benzo(k)fluoranthene	23.074	252	15227	0.395	ng/ul	97
26) Benzo(a)pyrene	23.633	252	14547	0.389	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.141	276	16065	0.409	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.158	278	13029	0.405	ng/ul#	81
29) Benzo(g,h,i)perylene	26.879	276	13613	0.405	ng/ul	98

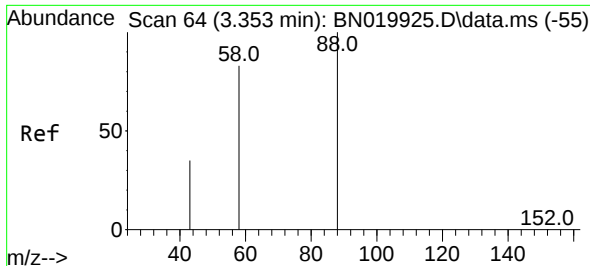
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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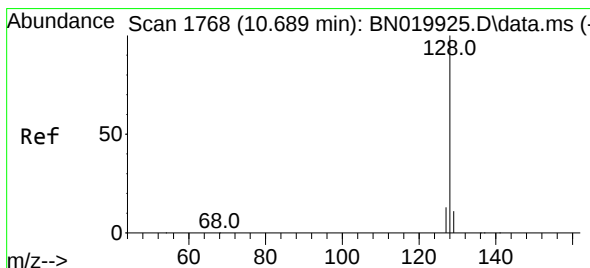
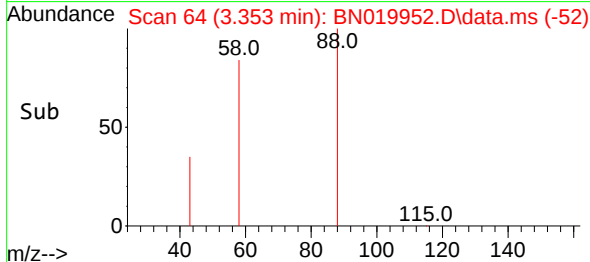
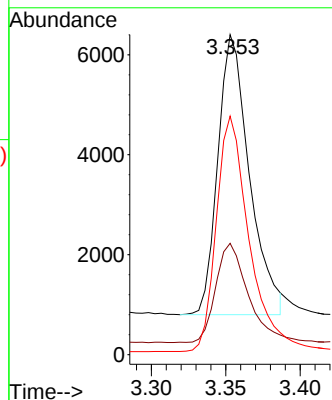
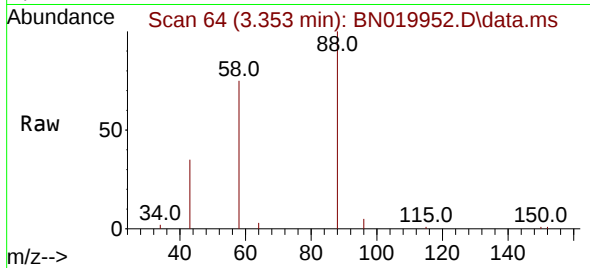




#2
 1,4-Dioxane
 Concen: 1.922 ng/ul
 RT: 3.353 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN019952.D
 Acq: 25 May 2022 15:32

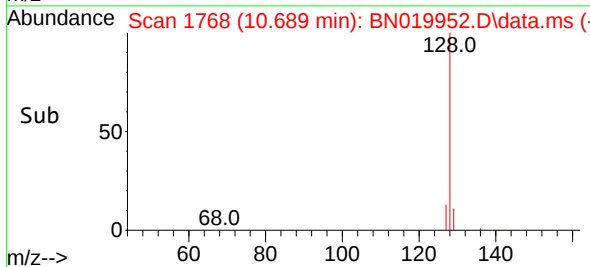
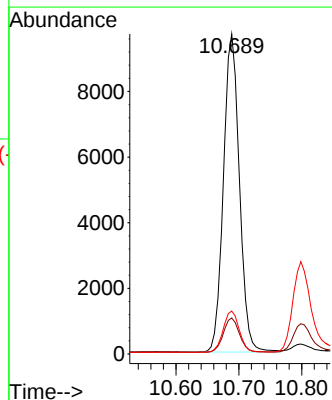
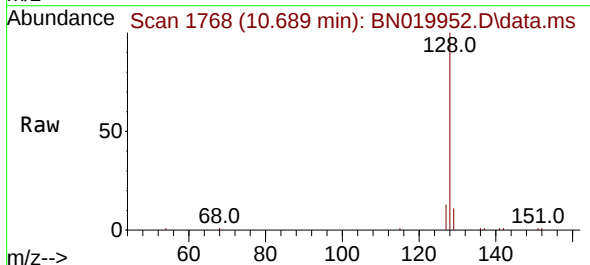
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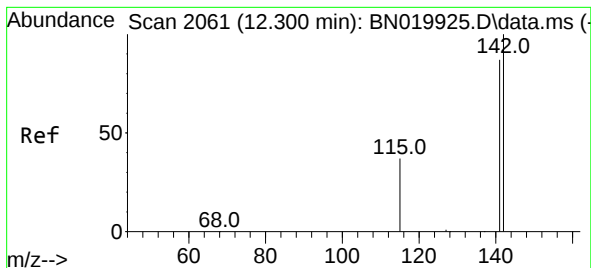
Tgt Ion: 88 Resp: 8251
 Ion Ratio Lower Upper
 88 100
 43 34.8 39.0 58.4#
 58 74.6 39.8 59.8#



#5
 Naphthalene
 Concen: 0.363 ng/ul
 RT: 10.689 min Scan# 1768
 Delta R.T. -0.004 min
 Lab File: BN019952.D
 Acq: 25 May 2022 15:32

Tgt Ion: 128 Resp: 17134
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.5 14.3
 127 13.4 11.0 16.4

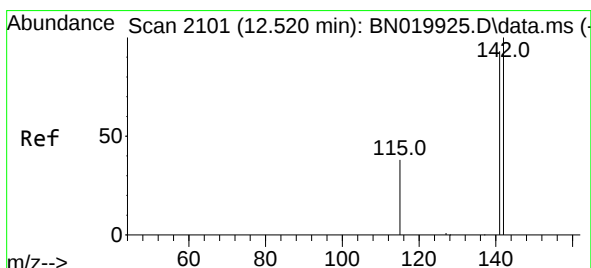
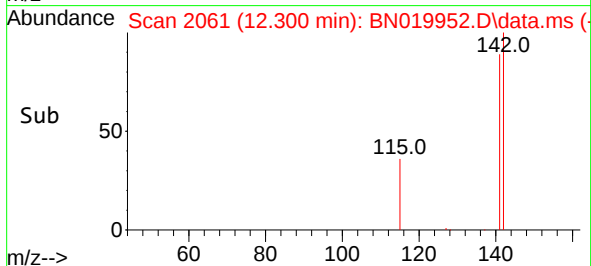
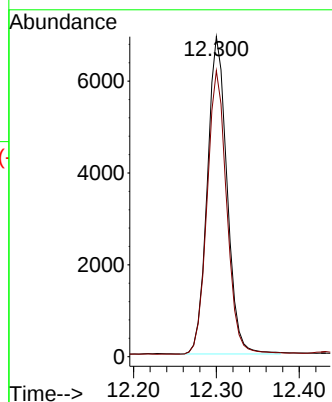
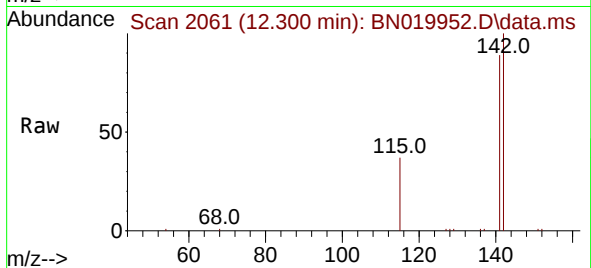




#7
2-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019952.D
Acq: 25 May 2022 15:32

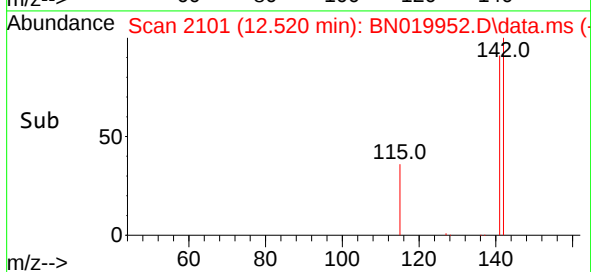
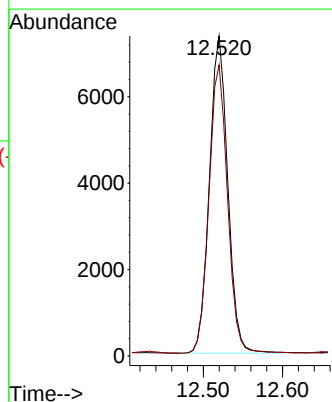
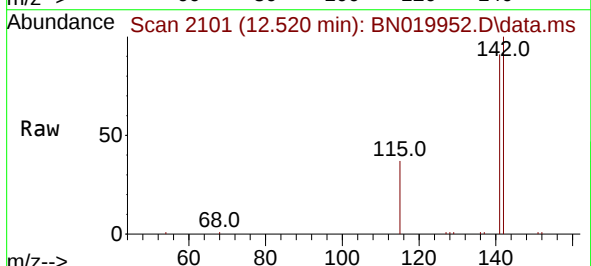
Instrument :
BNA_N
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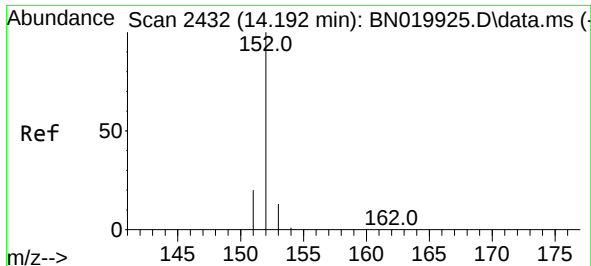
Tgt Ion:142 Resp: 11406
Ion Ratio Lower Upper
142 100
141 89.2 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019952.D
Acq: 25 May 2022 15:32

Tgt Ion:142 Resp: 11835
Ion Ratio Lower Upper
142 100
141 91.6 0.0 0.0#

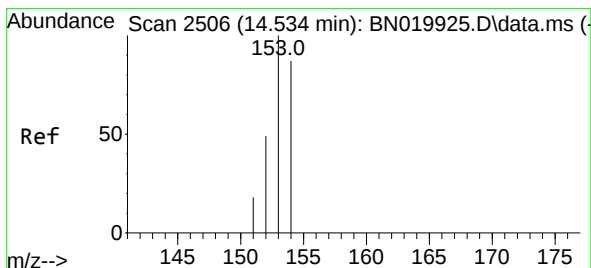
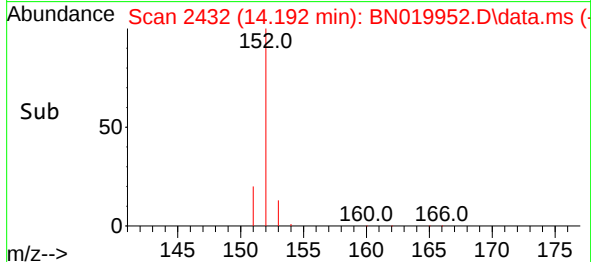
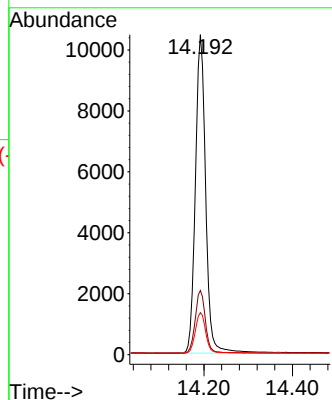
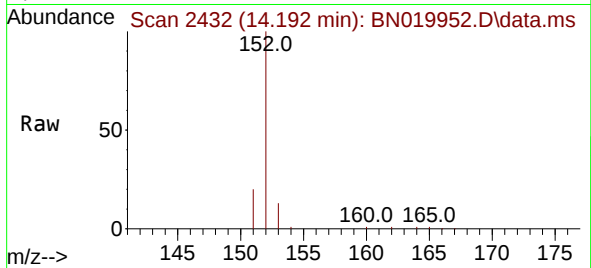




#10
Acenaphthylene
Concen: 0.336 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BN019952.D
Acq: 25 May 2022 15:32

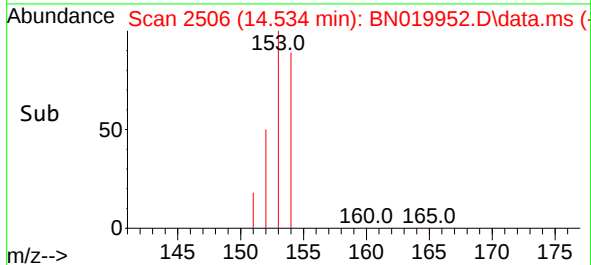
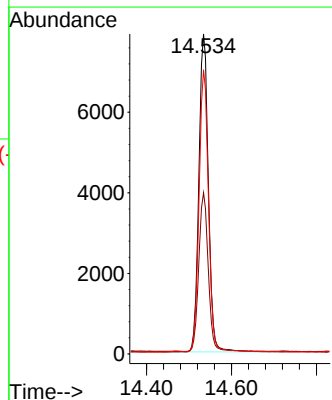
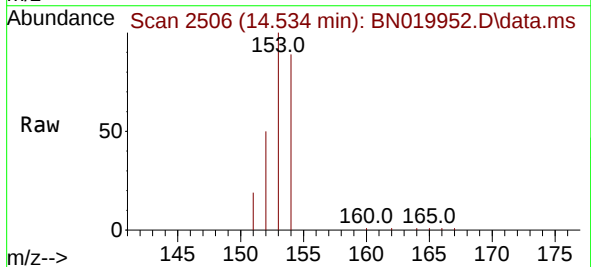
Instrument :
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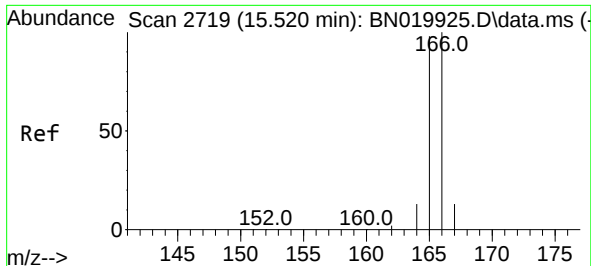
Tgt Ion:152 Resp: 16906
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.1 11.1 16.7



#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.003 min
Lab File: BN019952.D
Acq: 25 May 2022 15:32

Tgt Ion:153 Resp: 12267
Ion Ratio Lower Upper
153 100
152 50.4 38.6 57.8
154 88.8 71.2 106.8

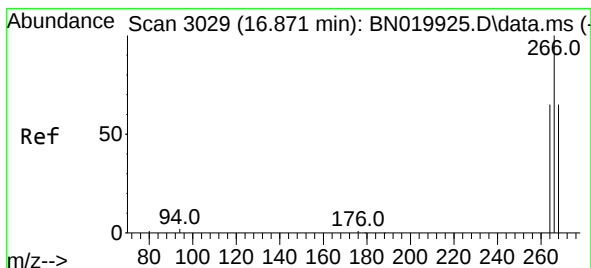
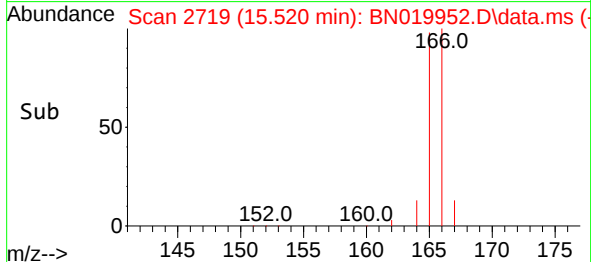
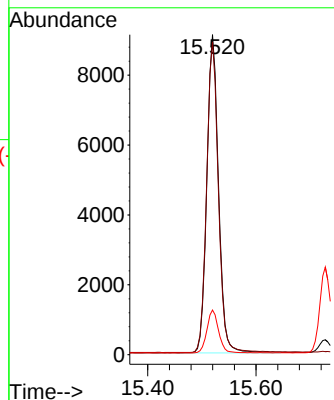
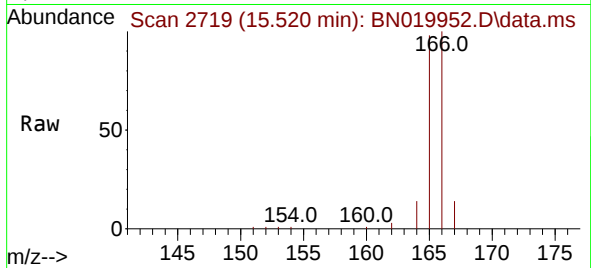




#12
Fluorene
Concen: 0.357 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.003 min
Lab File: BN019952.D
Acq: 25 May 2022 15:32

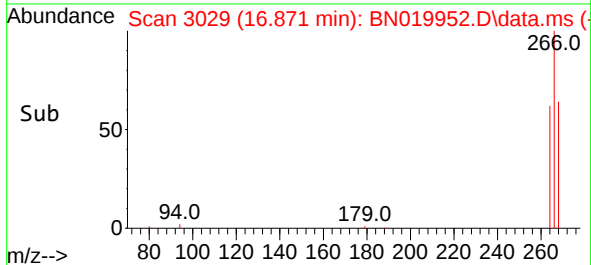
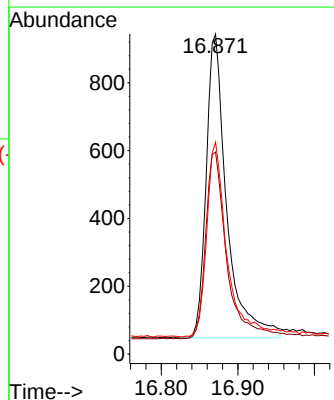
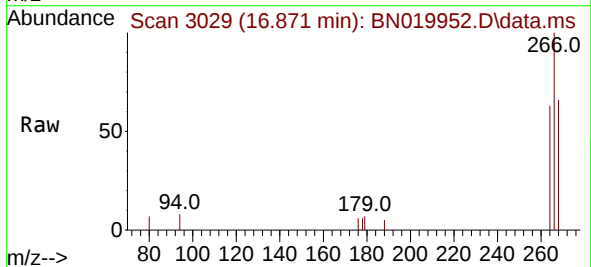
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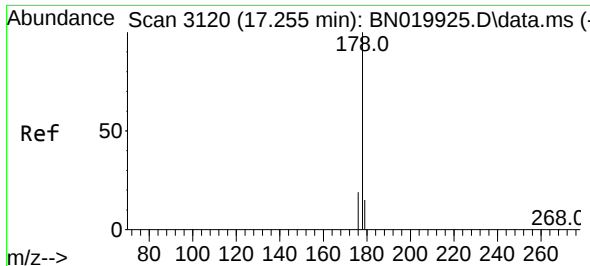
Tgt Ion:166 Resp: 13634
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.585 ng/ul
RT: 16.871 min Scan# 3029
Delta R.T. -0.003 min
Lab File: BN019952.D
Acq: 25 May 2022 15:32

Tgt Ion:266 Resp: 1671
Ion Ratio Lower Upper
266 100
264 63.4 44.9 67.3
268 63.4 44.6 67.0

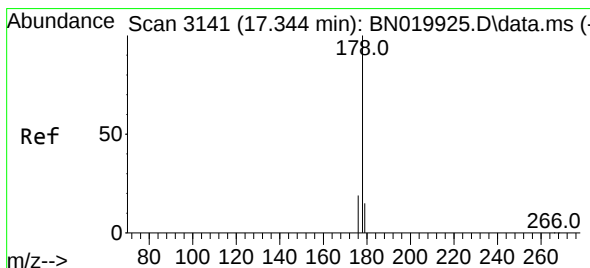
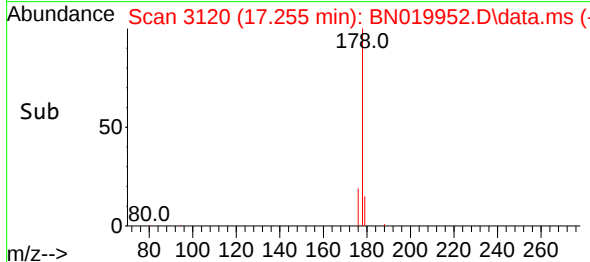
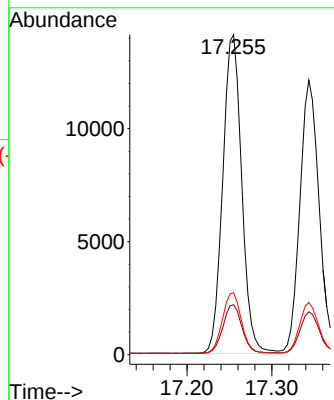
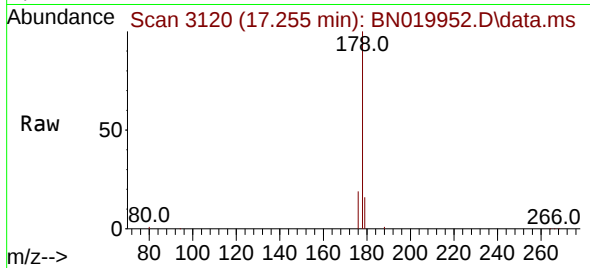




#15
Phenanthrene
Concen: 0.363 ng/u1
RT: 17.255 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BN019952.D
Acq: 25 May 2022 15:32

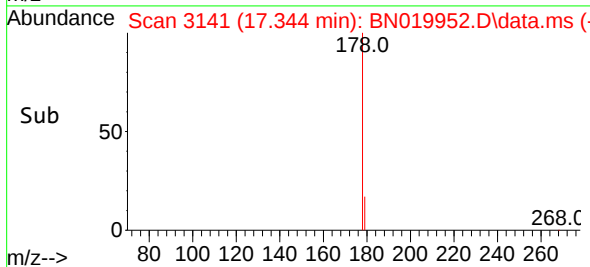
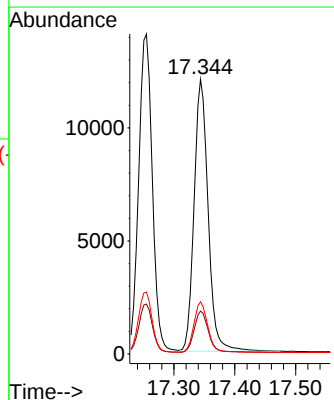
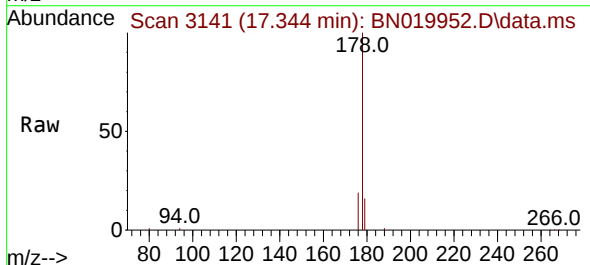
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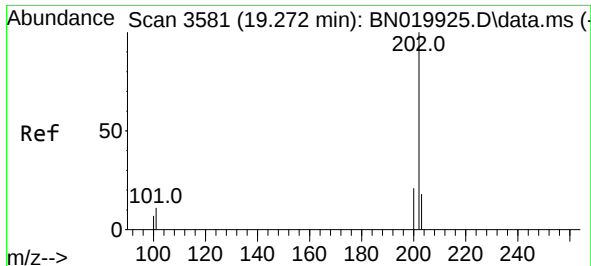
Tgt Ion:178 Resp: 21910
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.3 15.5 23.3



#16
Anthracene
Concen: 0.342 ng/u1
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019952.D
Acq: 25 May 2022 15:32

Tgt Ion:178 Resp: 19323
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 19.0 15.3 22.9

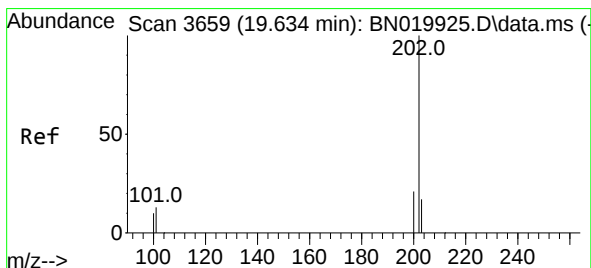
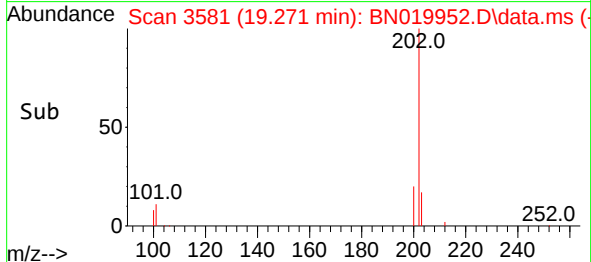
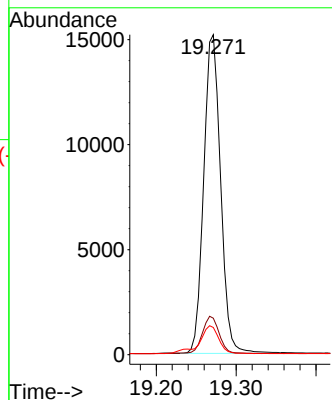
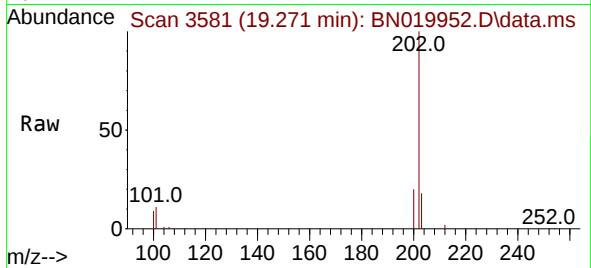




#19
Fluoranthene
Concen: 0.417 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.003 min
Lab File: BN019952.D
Acq: 25 May 2022 15:32

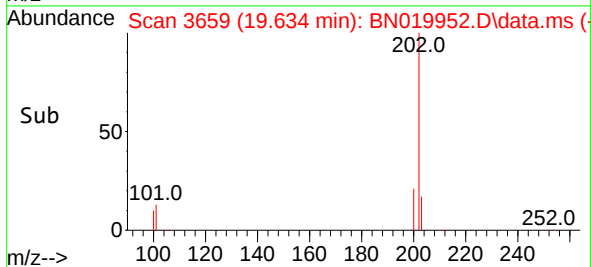
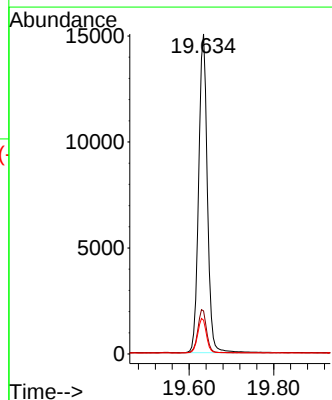
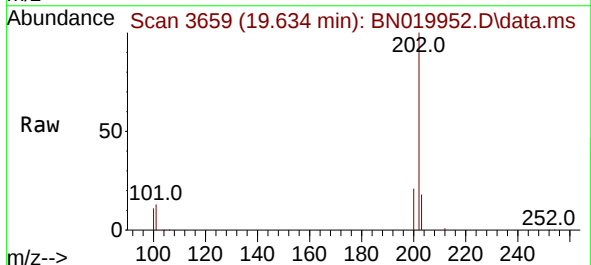
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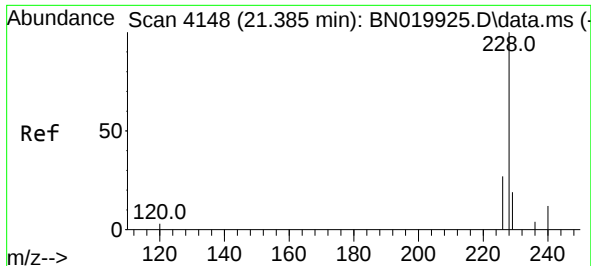
Tgt Ion:202 Resp: 22233
Ion Ratio Lower Upper
202 100
101 11.4 9.7 14.5
100 8.5 7.4 11.2



#20
Pyrene
Concen: 0.397 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.003 min
Lab File: BN019952.D
Acq: 25 May 2022 15:32

Tgt Ion:202 Resp: 21500
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 10.6 9.0 13.4

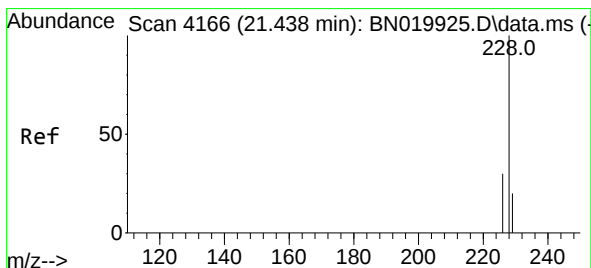
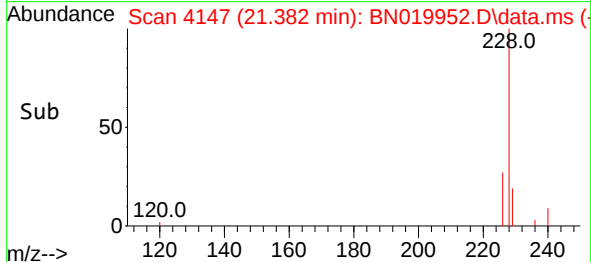
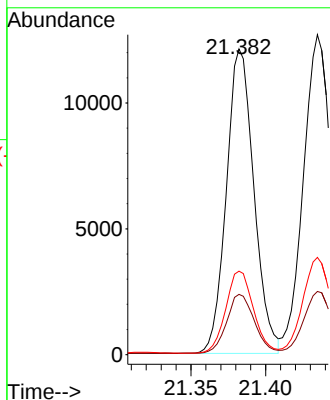
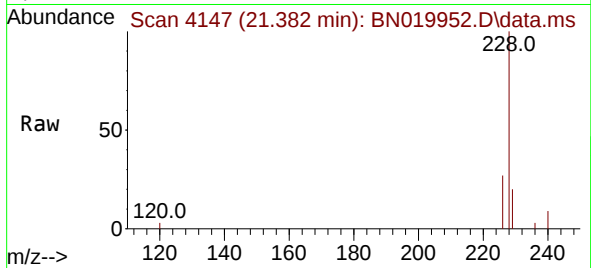




#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.382 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BN019952.D
Acq: 25 May 2022 15:32

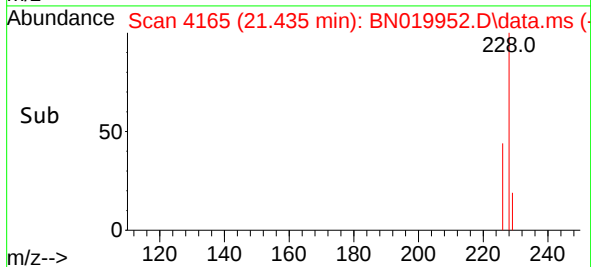
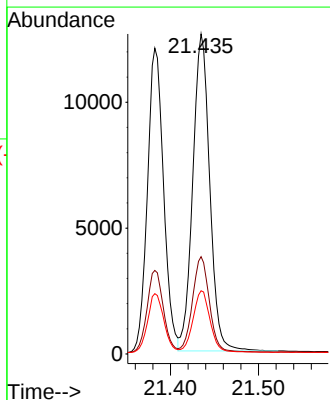
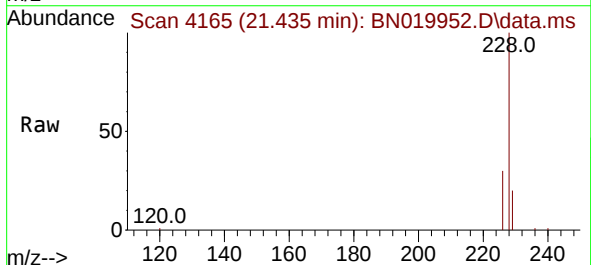
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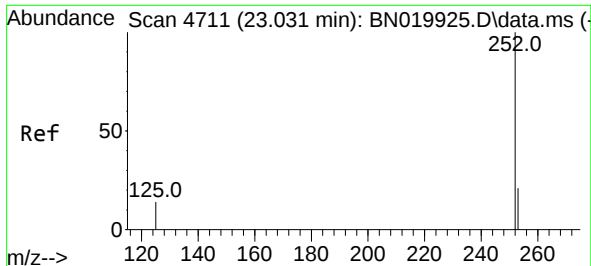
Tgt Ion:228 Resp: 15511
Ion Ratio Lower Upper
228 100
229 19.7 16.1 24.1
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BN019952.D
Acq: 25 May 2022 15:32

Tgt Ion:228 Resp: 16877
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.8 16.0 24.0

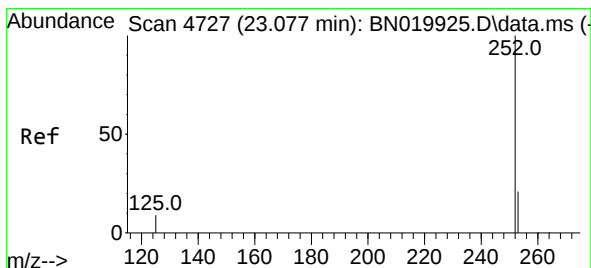
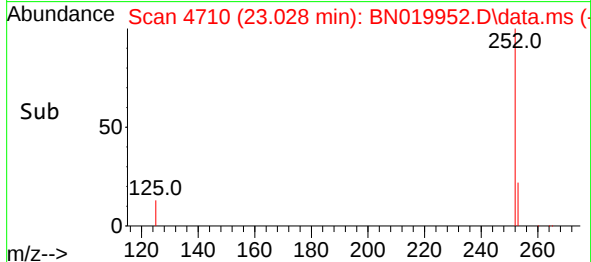
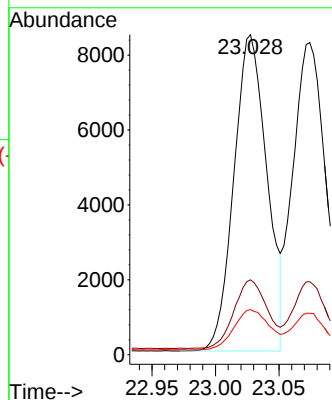
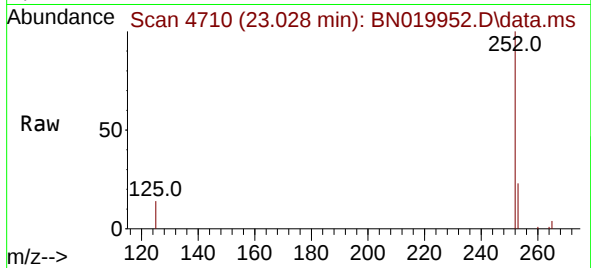




#24
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 23.028 min Scan# 4710
Delta R.T. -0.003 min
Lab File: BN019952.D
Acq: 25 May 2022 15:32

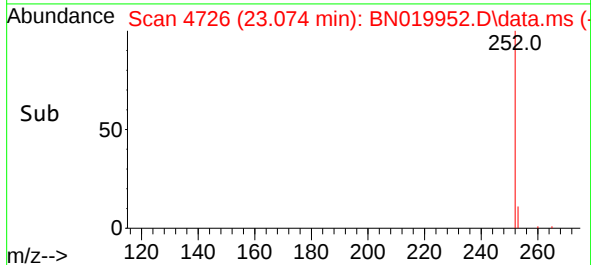
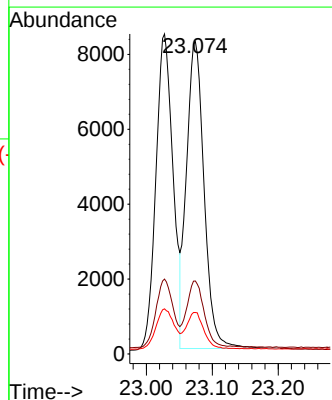
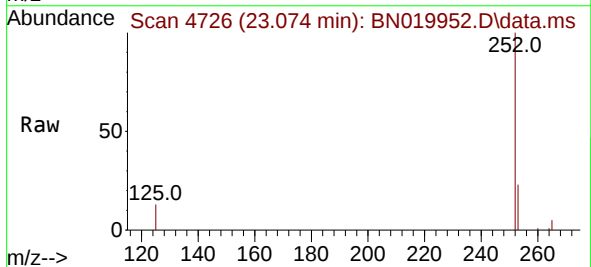
Instrument :
BNA_N
ClientSampleId :
SLCS009

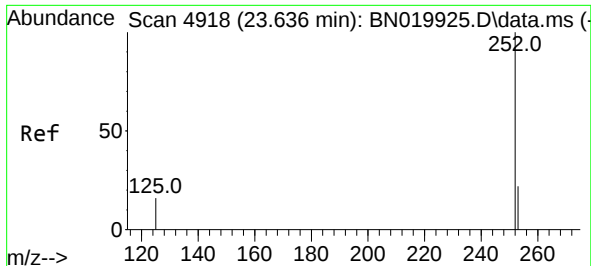
Tgt Ion:252 Resp: 15278
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.0
125 14.1 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.395 ng/ul
RT: 23.074 min Scan# 4726
Delta R.T. -0.006 min
Lab File: BN019952.D
Acq: 25 May 2022 15:32

Tgt Ion:252 Resp: 15227
Ion Ratio Lower Upper
252 100
253 23.4 20.2 30.2
125 13.3 11.0 16.6

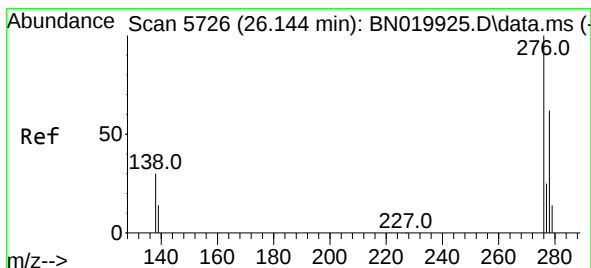
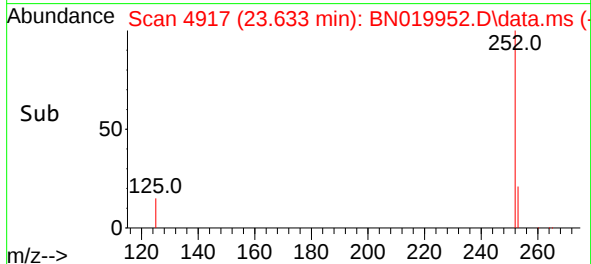
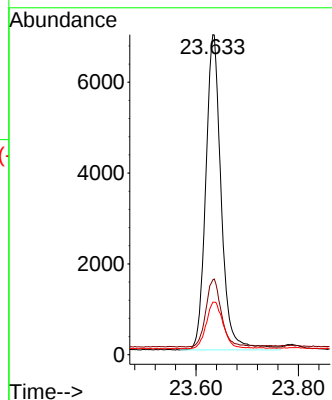
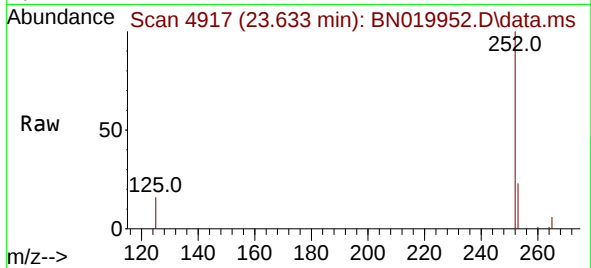




#26
Benzo(a)pyrene
Concen: 0.389 ng/ul
RT: 23.633 min Scan# 4918
Delta R.T. -0.006 min
Lab File: BN019952.D
Acq: 25 May 2022 15:32

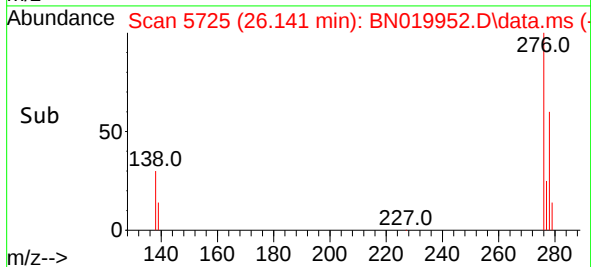
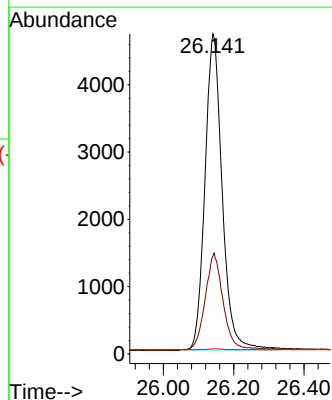
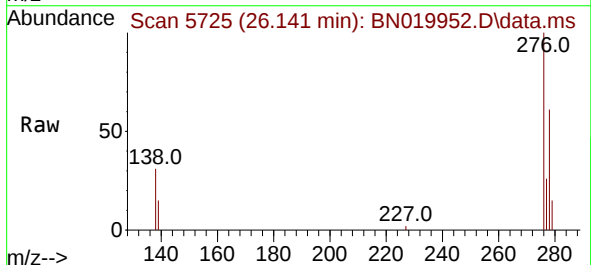
Instrument :
BNA_N
ClientSampleId :
SLCS009

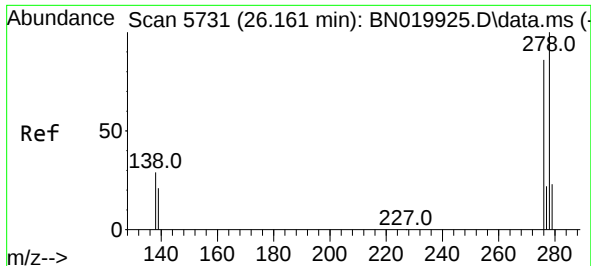
Tgt Ion:252 Resp: 14547
Ion Ratio Lower Upper
252 100
253 23.4 23.4 35.0
125 16.4 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng/ul
RT: 26.141 min Scan# 5725
Delta R.T. -0.010 min
Lab File: BN019952.D
Acq: 25 May 2022 15:32

Tgt Ion:276 Resp: 16065
Ion Ratio Lower Upper
276 100
138 31.4 23.6 35.4
227 0.2 0.0 0.0#

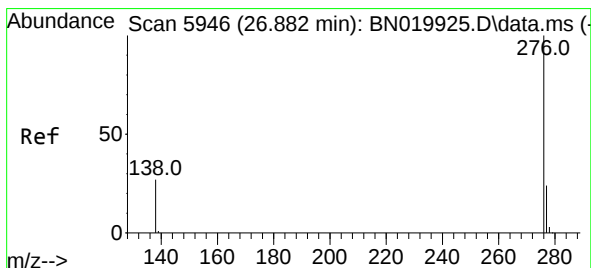
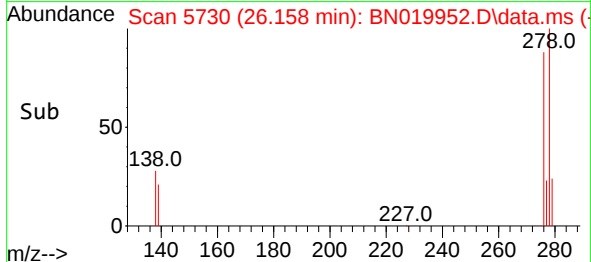
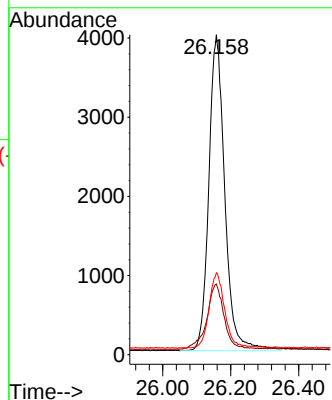
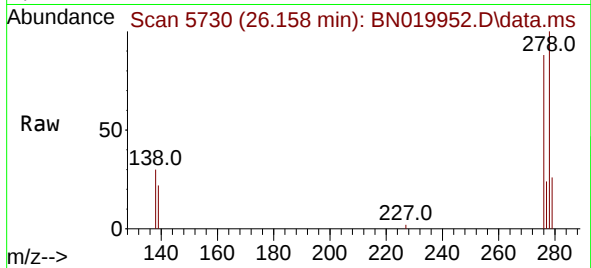




#28
 Dibenzo(a,h)anthracene
 Concen: 0.405 ng/ul
 RT: 26.158 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: BN019952.D
 Acq: 25 May 2022 15:32

Instrument :
 BNA_N
 ClientSampleId :
 SLCS009

Tgt Ion:278 Resp: 13029
 Ion Ratio Lower Upper
 278 100
 139 22.1 18.6 28.0
 279 25.6 35.1 52.7#



#29
 Benzo(g,h,i)perylene
 Concen: 0.405 ng/ul
 RT: 26.879 min Scan# 5945
 Delta R.T. -0.007 min
 Lab File: BN019952.D
 Acq: 25 May 2022 15:32

Tgt Ion:276 Resp: 13613
 Ion Ratio Lower Upper
 276 100
 138 27.8 20.9 31.3
 277 24.7 20.4 30.6

