

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019954.D
 Acq On : 25 May 2022 16:44
 Operator : CG/JU
 Sample : BL145043BL
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS043

Quant Time: May 26 01:15:38 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)

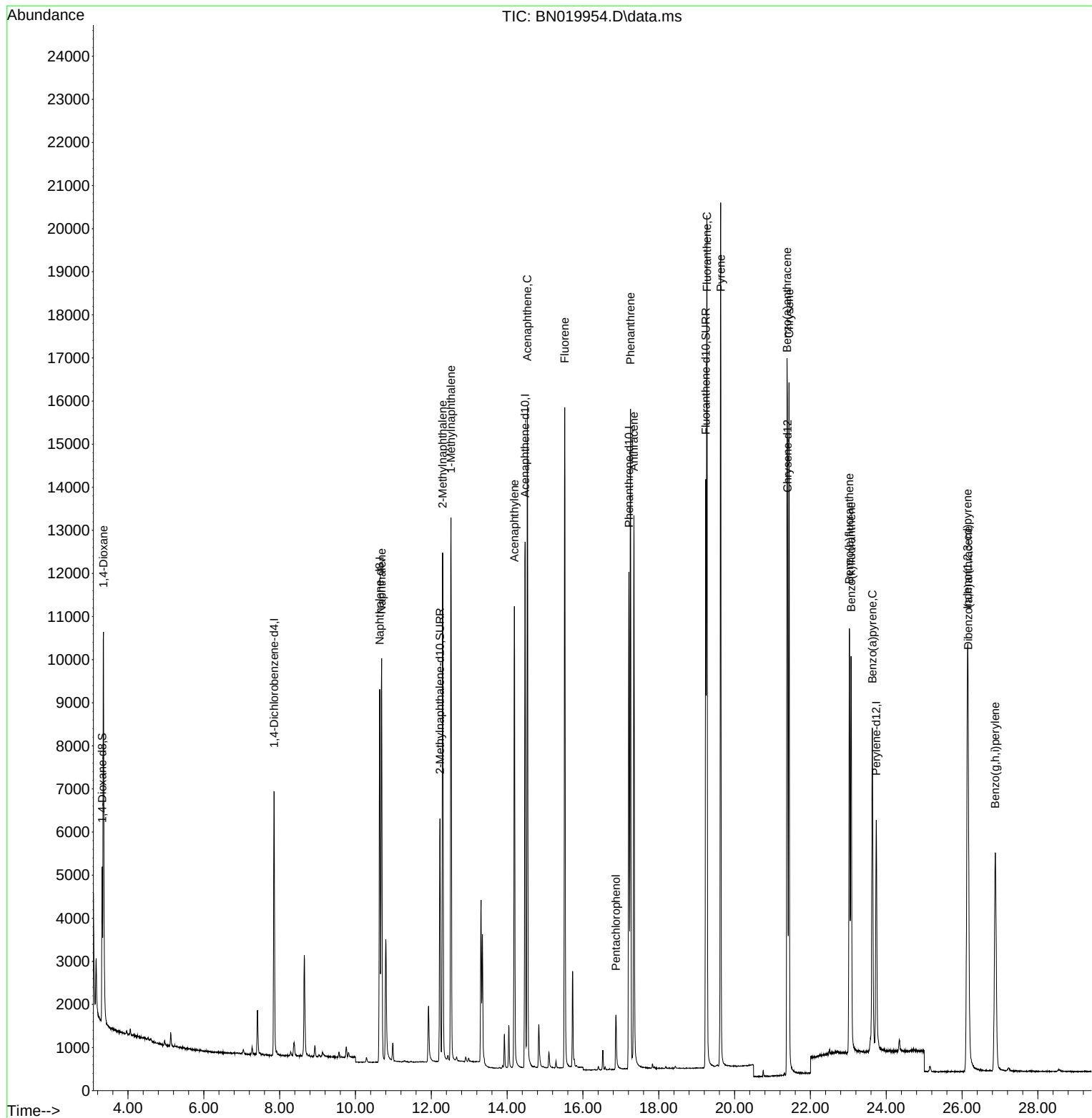
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	3469	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	12109	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.474	164	7159	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	14195	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	9270	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	7509	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	2458	0.760	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	7786	0.394	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	14843	0.448	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	6019	1.783	ng/ul#	74
5) Naphthalene	10.689	128	13148	0.346	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	8703	0.346	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	9059	0.387	ng/ul#	100
10) Acenaphthylene	14.192	152	12945	0.317	ng/ul	100
11) Acenaphthene	14.534	153	9416	0.341	ng/ul	98
12) Fluorene	15.520	166	10465	0.339	ng/ul	99
14) Pentachlorophenol	16.871	266	1119	0.473	ng/ul	90
15) Phenanthrene	17.255	178	17123	0.343	ng/ul	99
16) Anthracene	17.344	178	15029	0.321	ng/ul	99
19) Fluoranthene	19.272	202	18207	0.394	ng/ul	98
20) Pyrene	19.634	202	17873	0.381	ng/ul	98
21) Benzo(a)anthracene	21.382	228	13206	0.349	ng/ul	99
22) Chrysene	21.438	228	14397	0.376	ng/ul	99
24) Benzo(b)fluoranthene	23.028	252	12839	0.387	ng/ul	92
25) Benzo(k)fluoranthene	23.074	252	12953	0.401	ng/ul	98
26) Benzo(a)pyrene	23.633	252	12045	0.384	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.144	276	13359	0.406	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.161	278	10808	0.400	ng/ul#	80
29) Benzo(g,h,i)perylene	26.875	276	11382	0.404	ng/ul	97

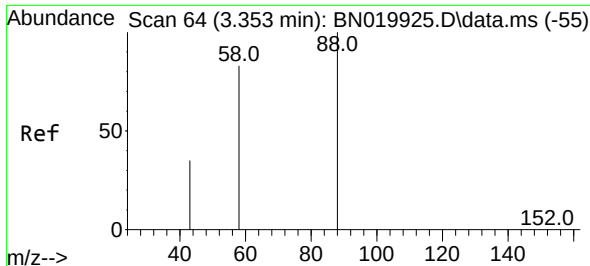
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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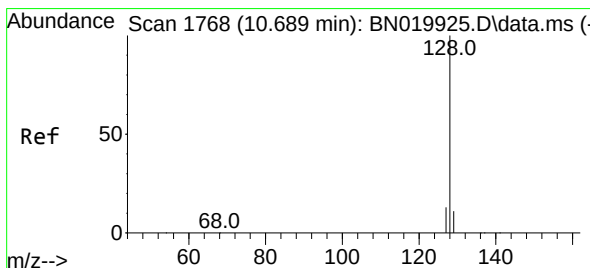
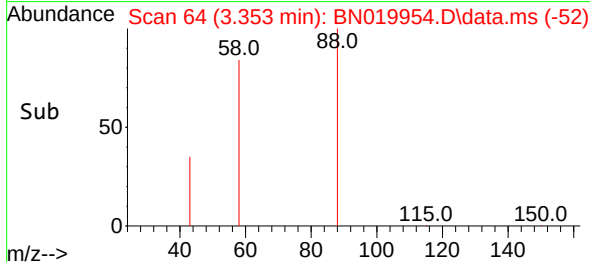
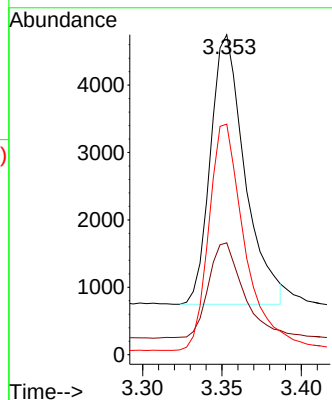
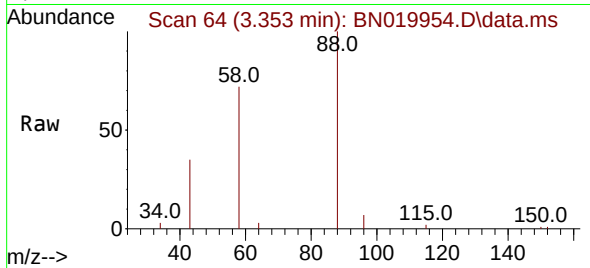




#2
 1,4-Dioxane
 Concen: 1.783 ng/ul
 RT: 3.353 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN019954.D
 Acq: 25 May 2022 16:44

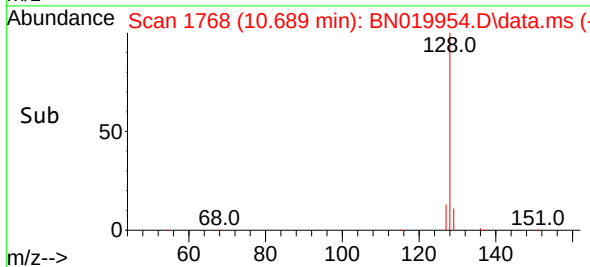
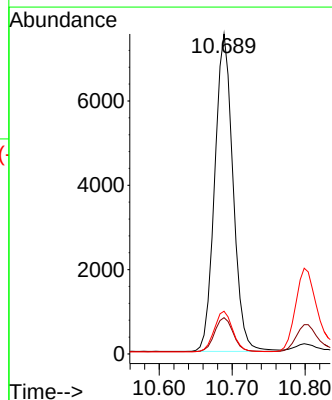
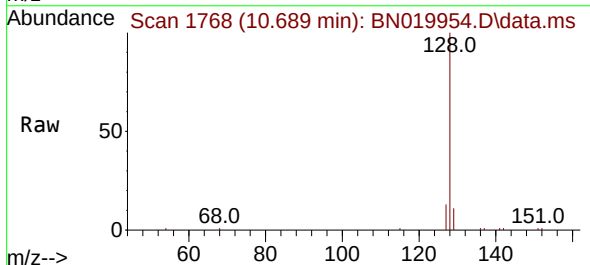
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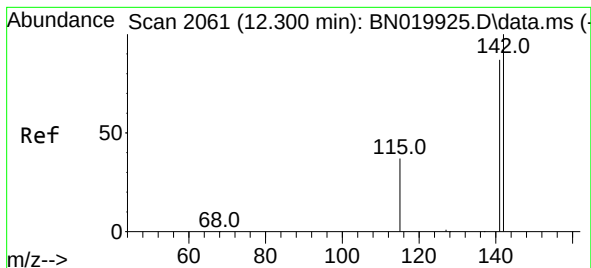
Tgt Ion: 88 Resp: 6019
 Ion Ratio Lower Upper
 88 100
 43 34.9 39.0 58.4#
 58 72.1 39.8 59.8#



#5
 Naphthalene
 Concen: 0.346 ng/ul
 RT: 10.689 min Scan# 1768
 Delta R.T. -0.004 min
 Lab File: BN019954.D
 Acq: 25 May 2022 16:44

Tgt Ion: 128 Resp: 13148
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.5 14.3
 127 13.3 11.0 16.4

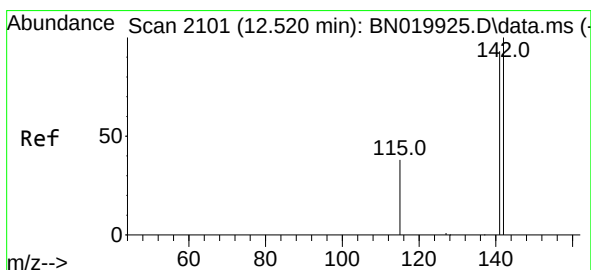
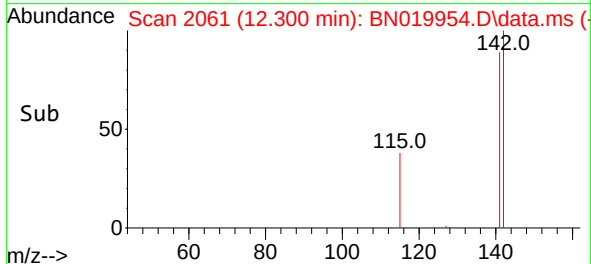
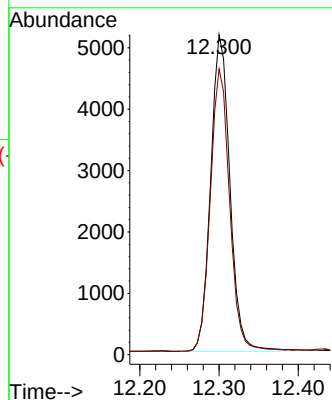
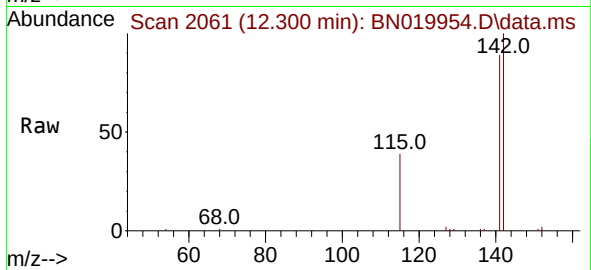




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019954.D
Acq: 25 May 2022 16:44

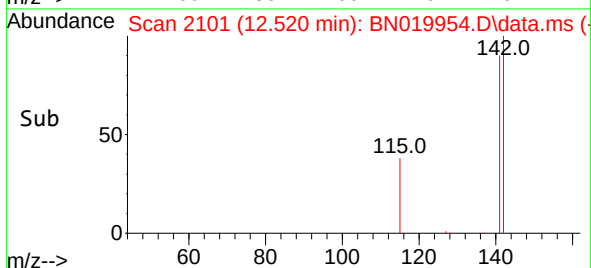
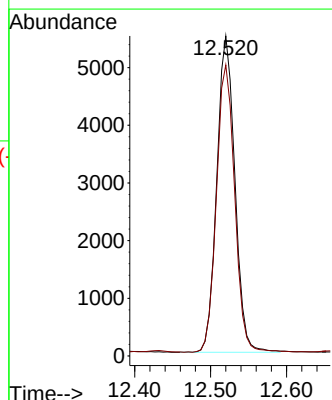
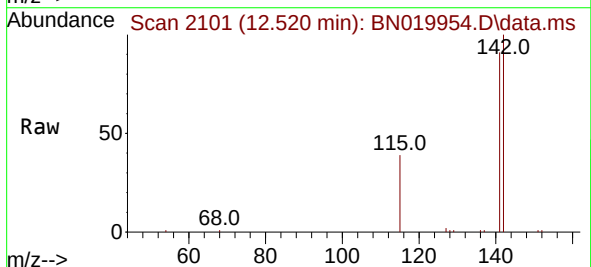
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BNA_N
ClientSampleId :
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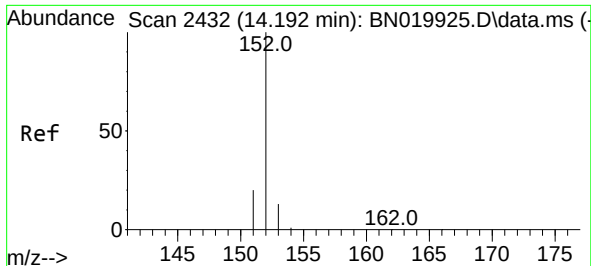
Tgt Ion:142 Resp: 8703
Ion Ratio Lower Upper
142 100
141 89.6 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019954.D
Acq: 25 May 2022 16:44

Tgt Ion:142 Resp: 9059
Ion Ratio Lower Upper
142 100
141 91.8 0.0 0.0#

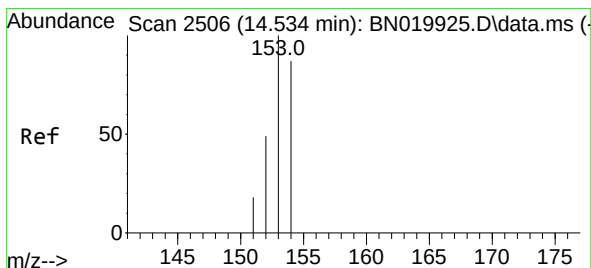
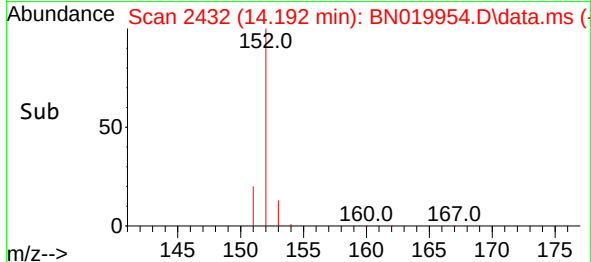
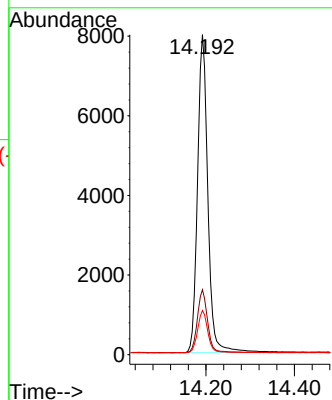
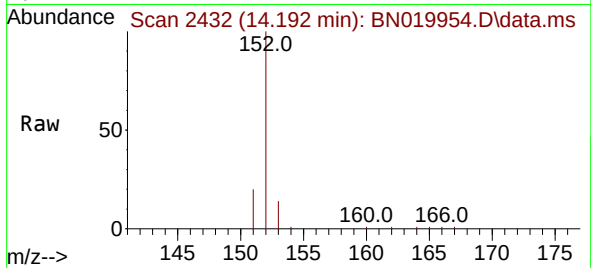




#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BN019954.D
Acq: 25 May 2022 16:44

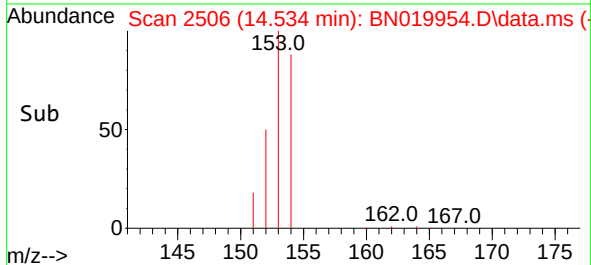
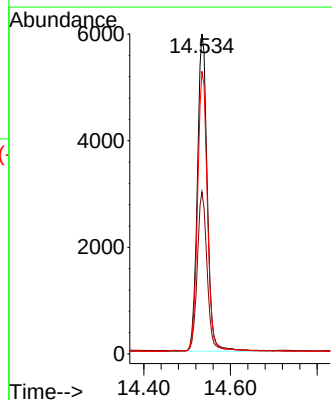
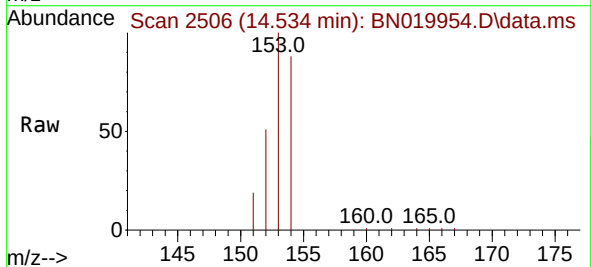
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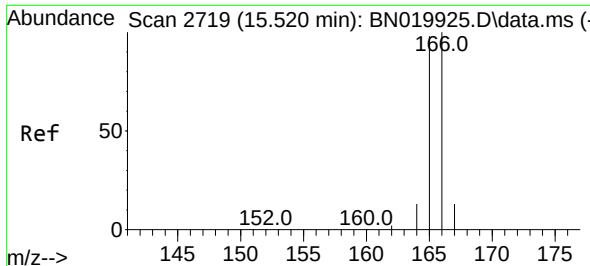
Tgt Ion:152 Resp: 12945
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.341 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.003 min
Lab File: BN019954.D
Acq: 25 May 2022 16:44

Tgt Ion:153 Resp: 9416
Ion Ratio Lower Upper
153 100
152 50.7 38.6 57.8
154 88.4 71.2 106.8

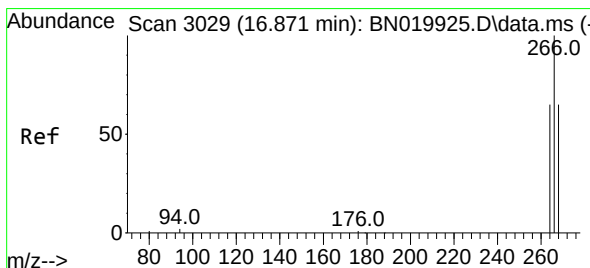
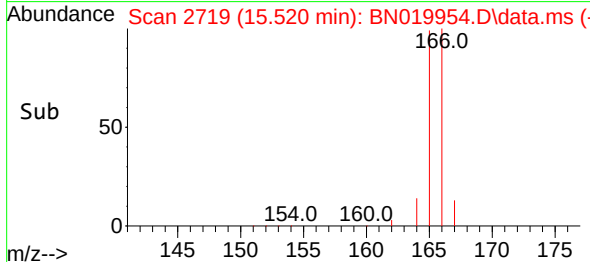
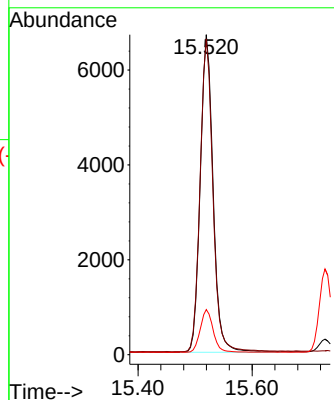
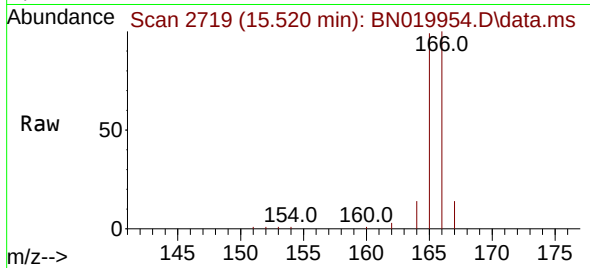




#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.003 min
Lab File: BN019954.D
Acq: 25 May 2022 16:44

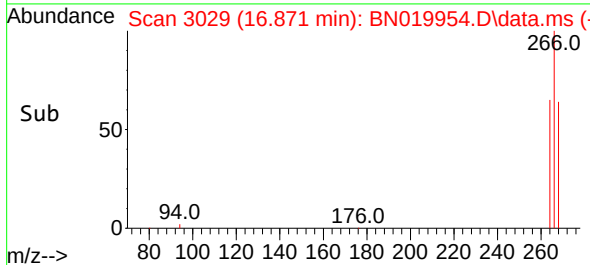
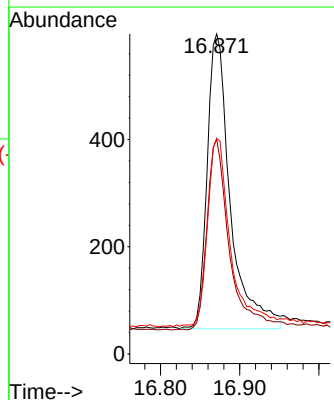
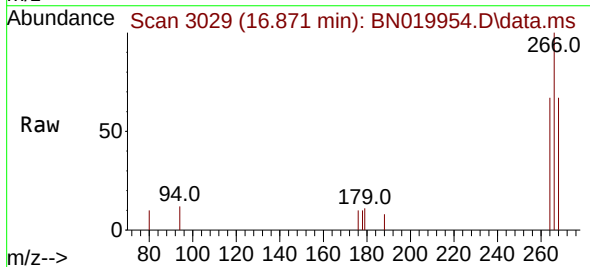
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ClientSampleId :
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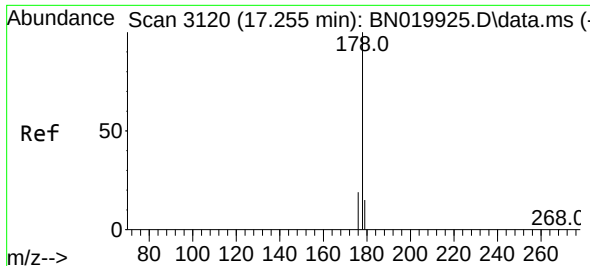
Tgt Ion:166 Resp: 10465
Ion Ratio Lower Upper
166 100
165 98.7 78.2 117.2
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.473 ng/ul
RT: 16.871 min Scan# 3029
Delta R.T. -0.003 min
Lab File: BN019954.D
Acq: 25 May 2022 16:44

Tgt Ion:266 Resp: 1119
Ion Ratio Lower Upper
266 100
264 62.7 44.9 67.3
268 64.0 44.6 67.0

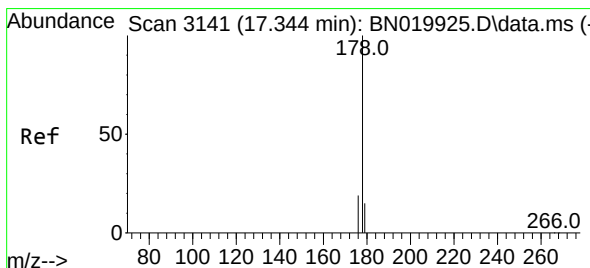
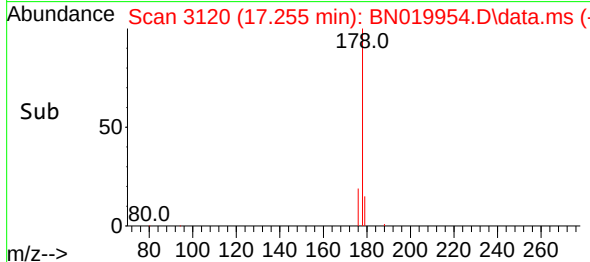
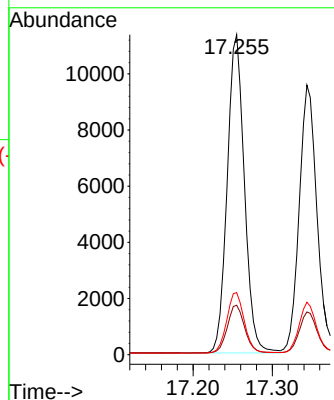
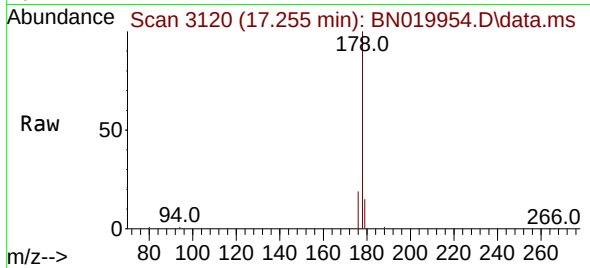




#15
Phenanthrene
Concen: 0.343 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BN019954.D
Acq: 25 May 2022 16:44

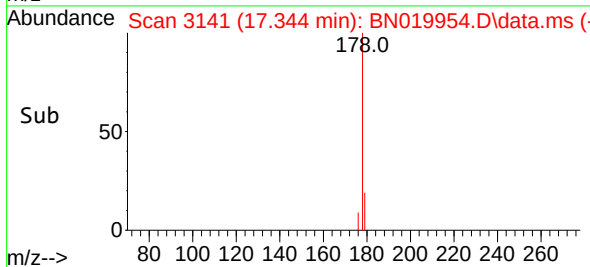
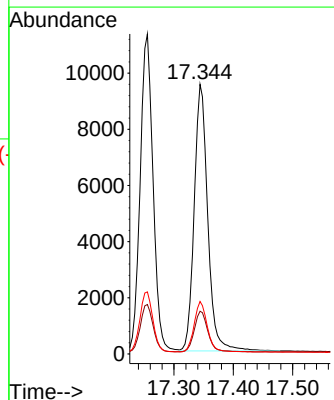
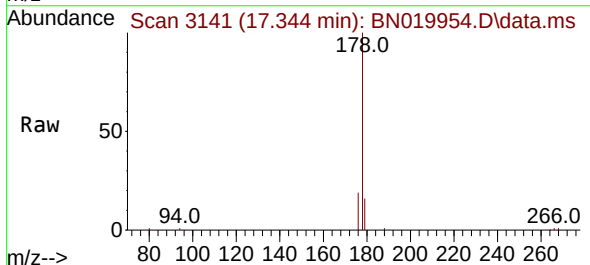
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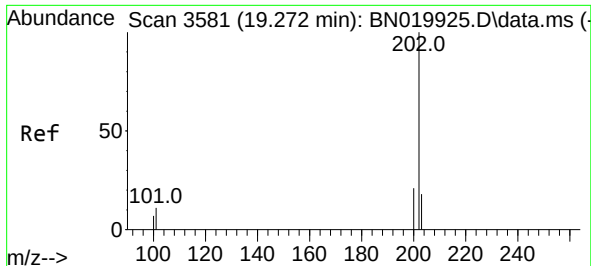
Tgt Ion:178 Resp: 17123
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.4 15.5 23.3



#16
Anthracene
Concen: 0.321 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019954.D
Acq: 25 May 2022 16:44

Tgt Ion:178 Resp: 15029
Ion Ratio Lower Upper
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179 15.8 13.1 19.7
176 19.5 15.3 22.9

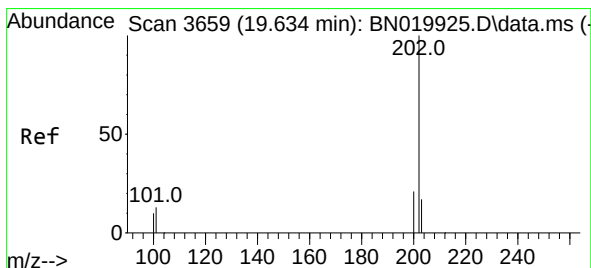
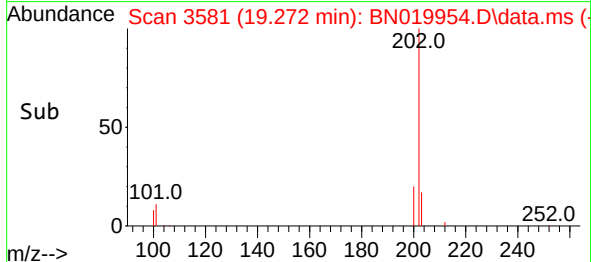
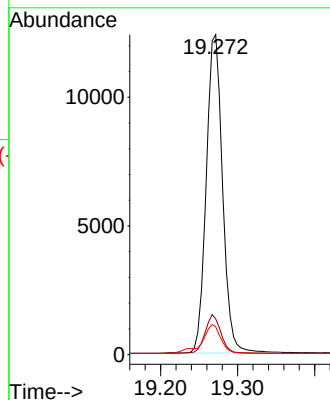
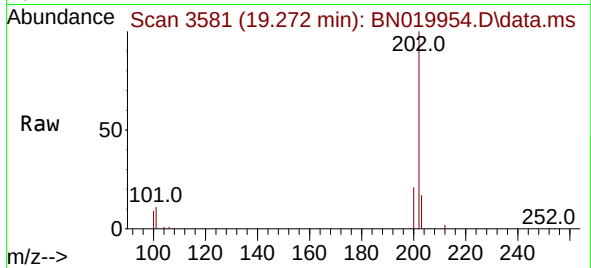




#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.272 min Scan# 3581
Delta R.T. -0.003 min
Lab File: BN019954.D
Acq: 25 May 2022 16:44

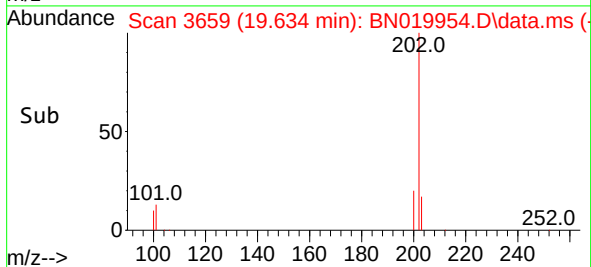
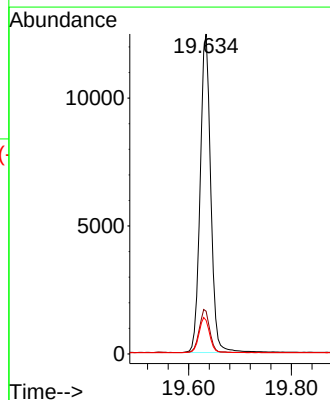
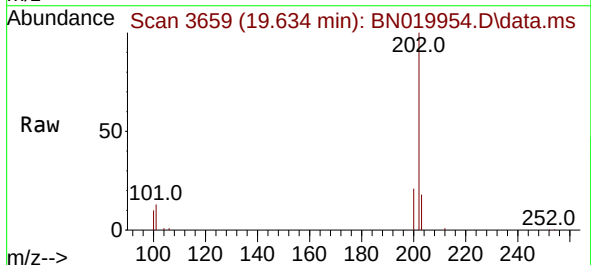
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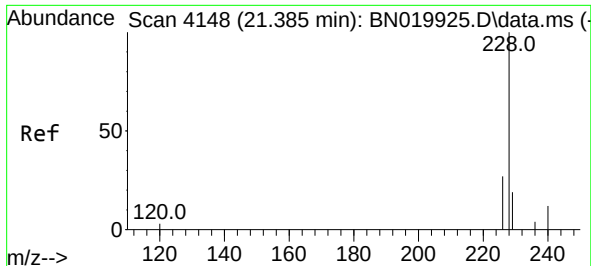
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Ion Ratio Lower Upper
202 100
101 11.1 9.7 14.5
100 8.7 7.4 11.2



#20
Pyrene
Concen: 0.381 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.003 min
Lab File: BN019954.D
Acq: 25 May 2022 16:44

Tgt Ion:202 Resp: 17873
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 10.5 9.0 13.4

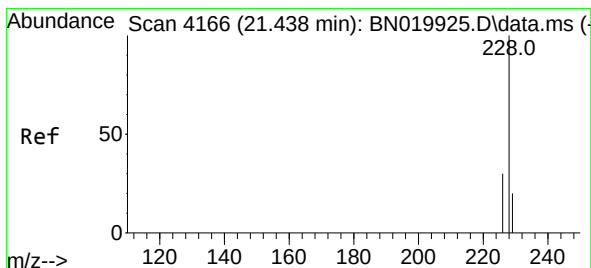
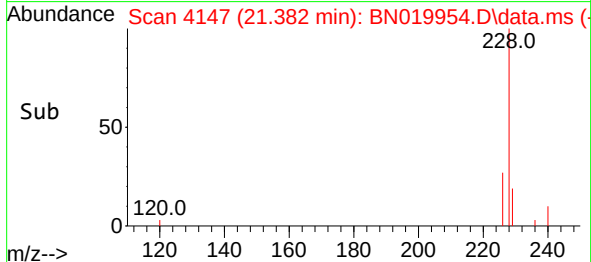
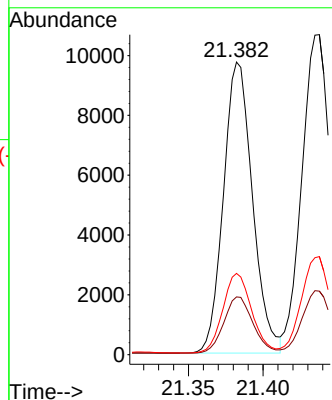
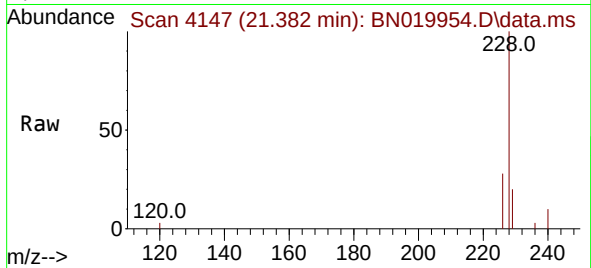




#21
Benzo(a)anthracene
Concen: 0.349 ng/ul
RT: 21.382 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BN019954.D
Acq: 25 May 2022 16:44

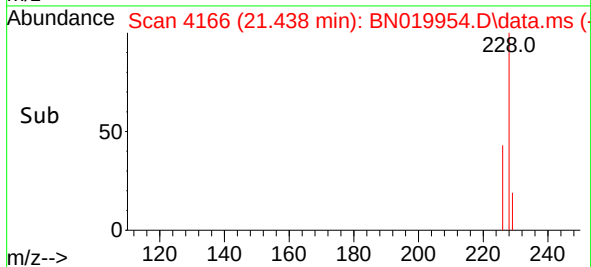
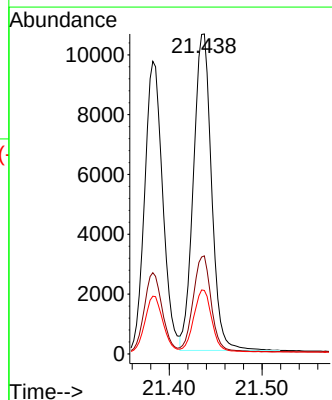
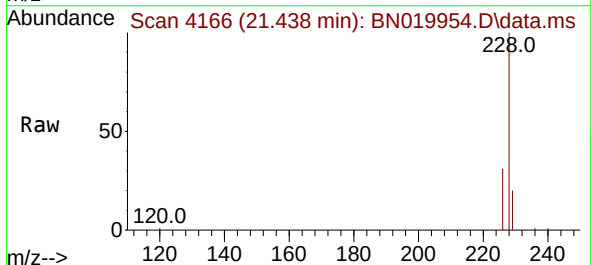
Instrument :
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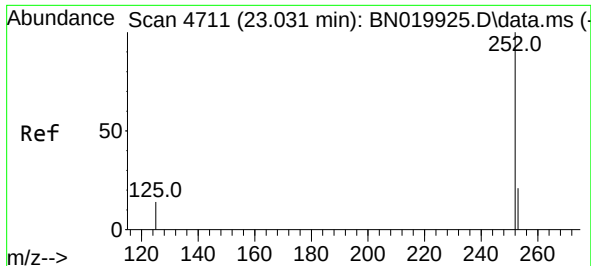
Tgt Ion:228 Resp: 13206
Ion Ratio Lower Upper
228 100
229 19.7 16.1 24.1
226 27.8 22.1 33.1



#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.438 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BN019954.D
Acq: 25 May 2022 16:44

Tgt Ion:228 Resp: 14397
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 19.9 16.0 24.0

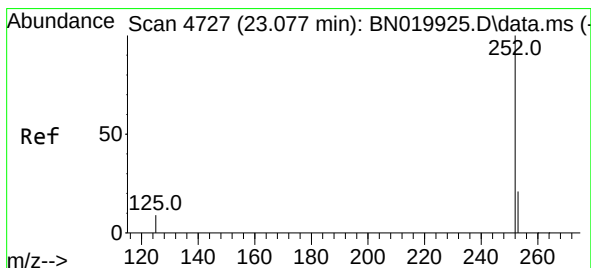
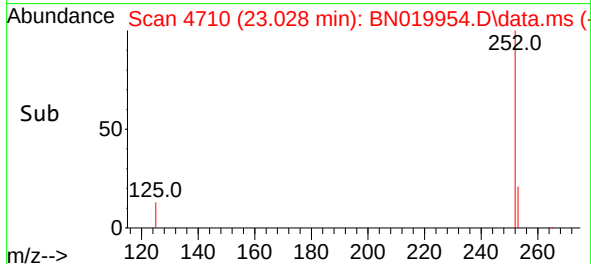
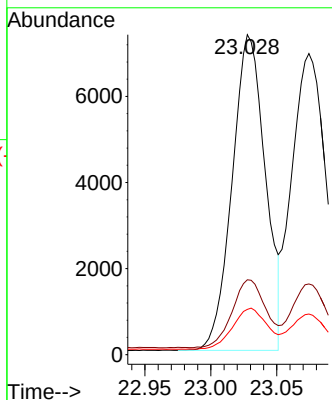
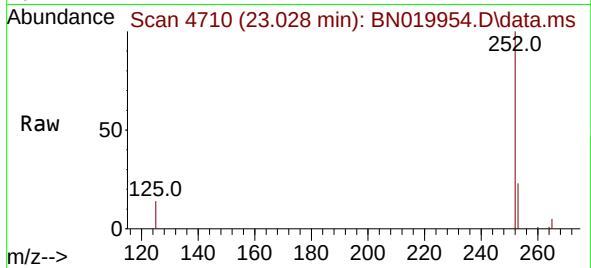




#24
Benzo(b)fluoranthene
Concen: 0.387 ng/ul
RT: 23.028 min Scan# 4710
Delta R.T. -0.003 min
Lab File: BN019954.D
Acq: 25 May 2022 16:44

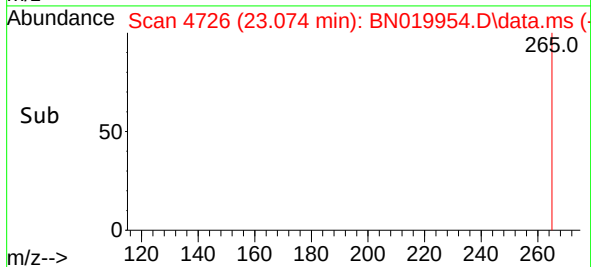
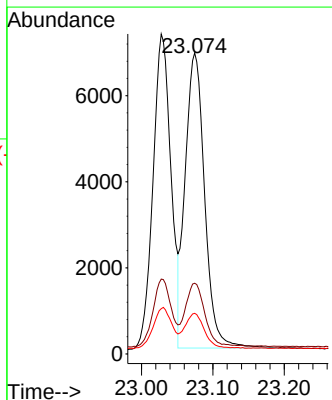
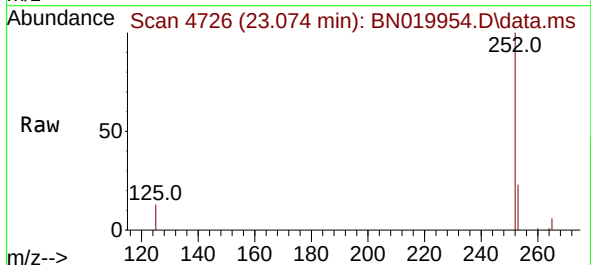
Instrument :
BNA_N
ClientSampleId :
SLCS043

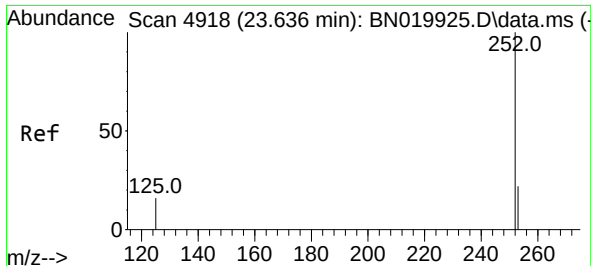
Tgt Ion:252 Resp: 12839
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.0
125 14.2 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul
RT: 23.074 min Scan# 4726
Delta R.T. -0.006 min
Lab File: BN019954.D
Acq: 25 May 2022 16:44

Tgt Ion:252 Resp: 12953
Ion Ratio Lower Upper
252 100
253 23.5 20.2 30.2
125 13.5 11.0 16.6

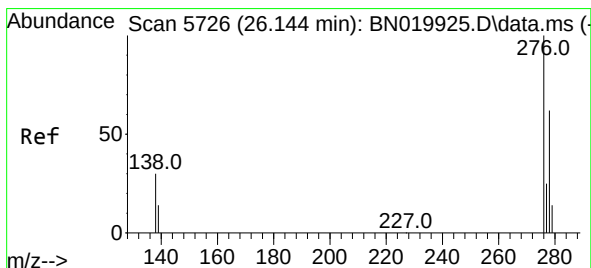
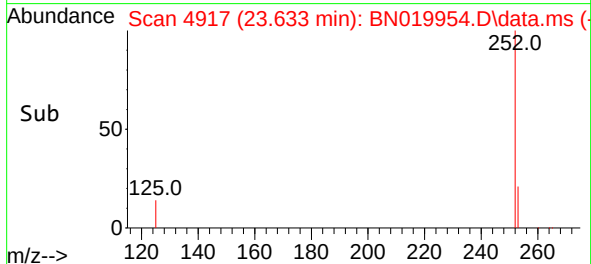
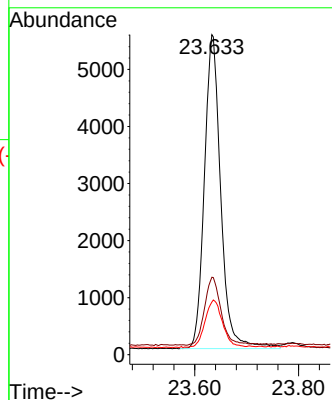
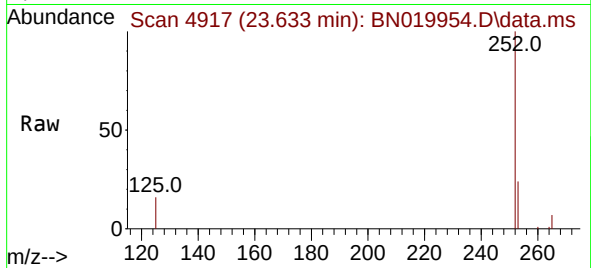




#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.633 min Scan# 4918
Delta R.T. -0.006 min
Lab File: BN019954.D
Acq: 25 May 2022 16:44

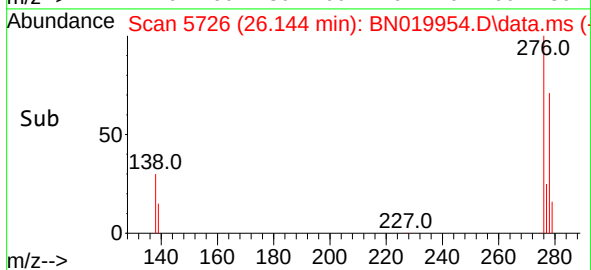
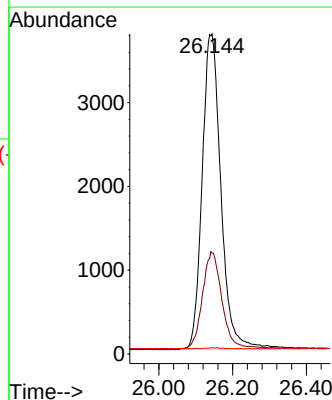
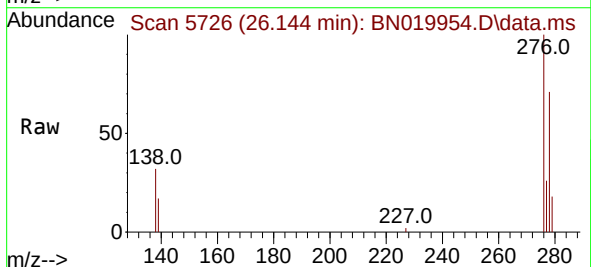
Instrument :
BNA_N
ClientSampleId :
SLCS043

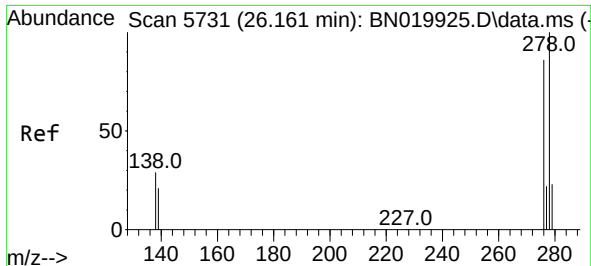
Tgt Ion:252 Resp: 12045
Ion Ratio Lower Upper
252 100
253 24.2 23.4 35.0
125 16.4 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.144 min Scan# 5726
Delta R.T. -0.007 min
Lab File: BN019954.D
Acq: 25 May 2022 16:44

Tgt Ion:276 Resp: 13359
Ion Ratio Lower Upper
276 100
138 31.8 23.6 35.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.400 ng/ul

RT: 26.161 min Scan# 51

Delta R.T. -0.003 min

Lab File: BN019954.D

Acq: 25 May 2022 16:44

Instrument :

BNA_N

ClientSampleId :

SLCS043

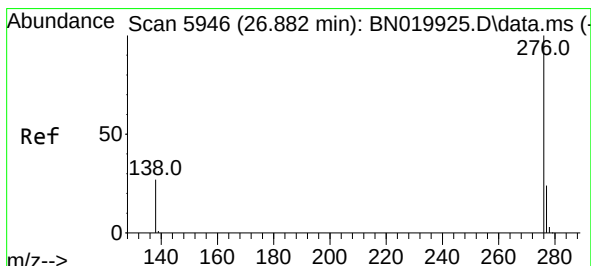
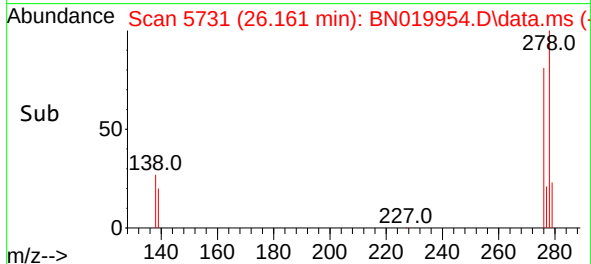
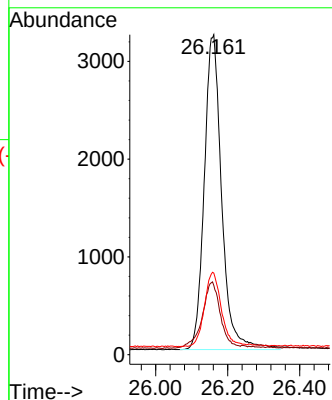
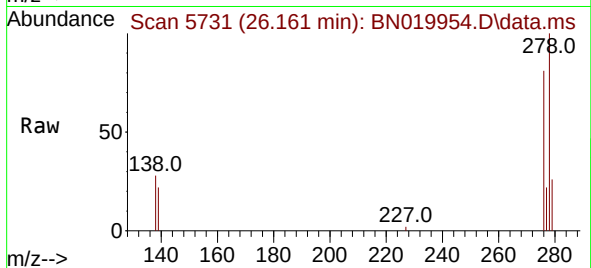
Tgt Ion:278 Resp: 10808

Ion Ratio Lower Upper

278 100

139 21.6 18.6 28.0

279 25.5 35.1 52.7#



#29

Benzo(g,h,i)perylene

Concen: 0.404 ng/ul

RT: 26.875 min Scan# 5944

Delta R.T. -0.010 min

Lab File: BN019954.D

Acq: 25 May 2022 16:44

Tgt Ion:276 Resp: 11382

Ion Ratio Lower Upper

276 100

138 27.9 20.9 31.3

277 24.7 20.4 30.6

