

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019917.D
 Acq On : 24 May 2022 07:56
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4362

Quant Time: May 25 01:44:39 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

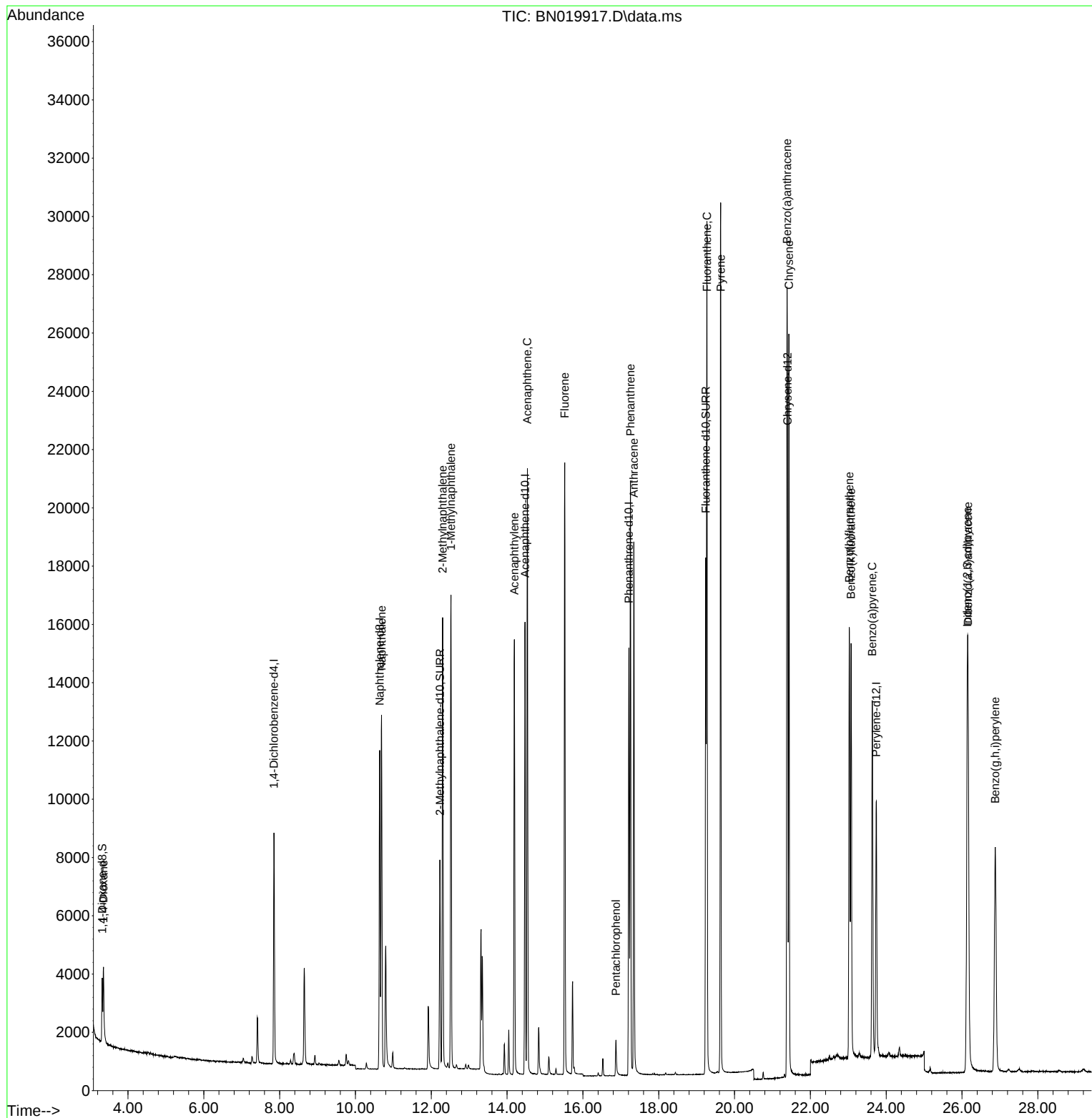
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4427	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	15153	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.474	164	8934	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	18023	0.400	ng/ul	0.00
17) Chrysene-d12	21.398	240	14947	0.400	ng/ul	0.00
23) Perylene-d12	23.740	264	12502	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1575	0.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	9729	0.393	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	19774	0.370	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	1631	0.379	ng/ul	90
5) Naphthalene	10.689	128	17215	0.362	ng/ul	100
7) 2-Methylnaphthalene	12.300	142	11483	0.365	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	11512	0.393	ng/ul#	100
10) Acenaphthylene	14.192	152	18077	0.355	ng/ul	99
11) Acenaphthene	14.534	153	12427	0.360	ng/ul	99
12) Fluorene	15.520	166	13954	0.362	ng/ul	100
14) Pentachlorophenol	16.871	266	1060	0.353	ng/ul	91
15) Phenanthrene	17.255	178	22685	0.358	ng/ul	100
16) Anthracene	17.344	178	20939	0.352	ng/ul	99
19) Fluoranthene	19.271	202	25575	0.343	ng/ul	99
20) Pyrene	19.634	202	25988	0.343	ng/ul	99
21) Benzo(a)anthracene	21.384	228	21637	0.354	ng/ul	99
22) Chrysene	21.433	228	22238	0.360	ng/ul	99
24) Benzo(b)fluoranthene	23.026	252	20285	0.367	ng/ul	92
25) Benzo(k)fluoranthene	23.073	252	19418	0.361	ng/ul	97
26) Benzo(a)pyrene	23.631	252	18861	0.361	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.139	276	19602	0.358	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.159	278	15916	0.354	ng/ul#	82
29) Benzo(g,h,i)perylene	26.874	276	16986	0.362	ng/ul	97

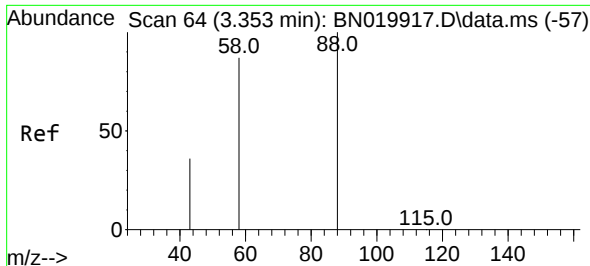
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
Data File : BN019917.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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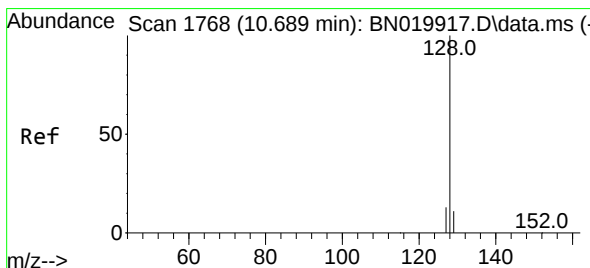
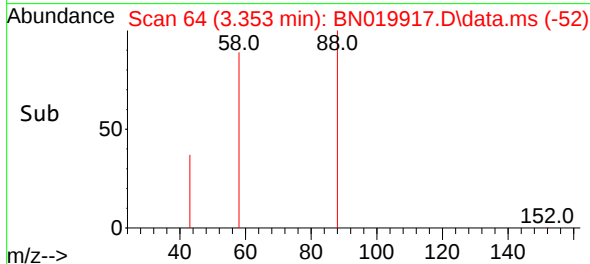
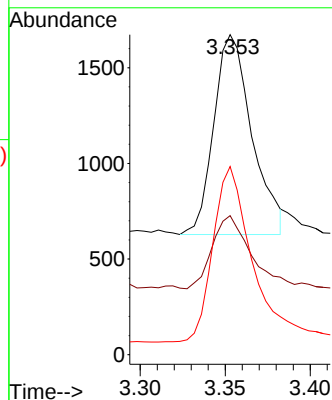
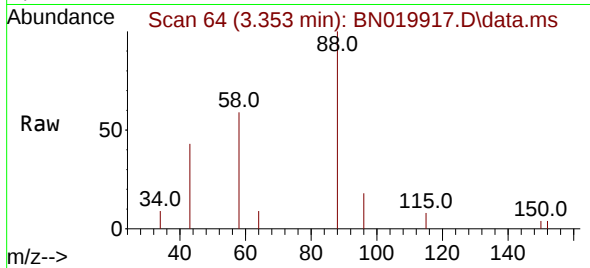




#2
1,4-Dioxane
Concen: 0.379 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN019917.D
Acq: 24 May 2022 07:56

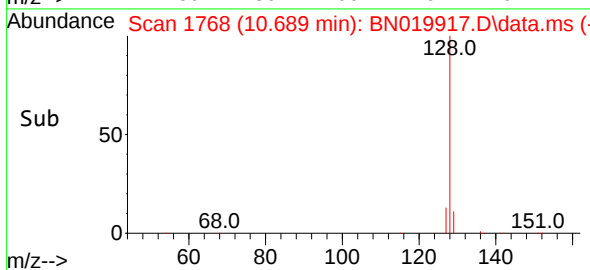
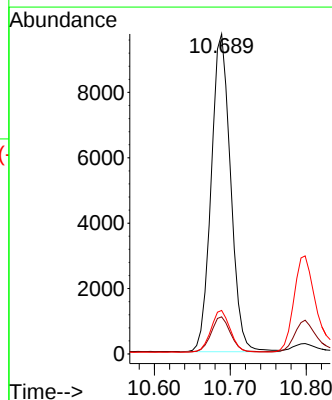
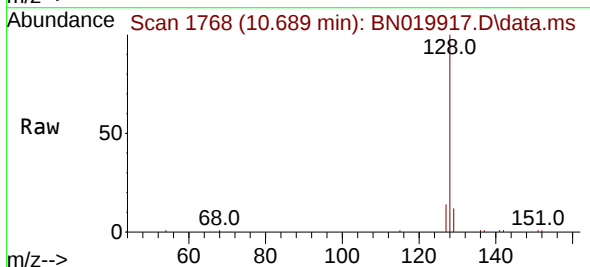
Instrument :
BNA_N
ClientSampleId :
SSTD0.4362

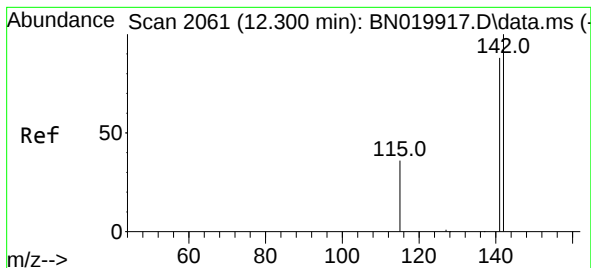
Tgt Ion: 88 Resp: 1631
Ion Ratio Lower Upper
88 100
43 43.5 39.0 58.4
58 58.8 39.8 59.8



#5
Naphthalene
Concen: 0.362 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BN019917.D
Acq: 24 May 2022 07:56

Tgt Ion: 128 Resp: 17215
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.6 11.0 16.4

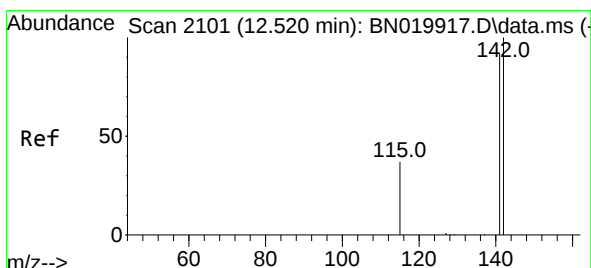
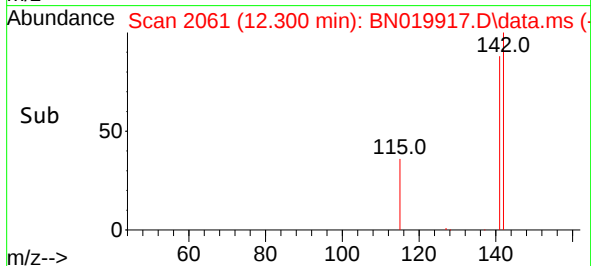
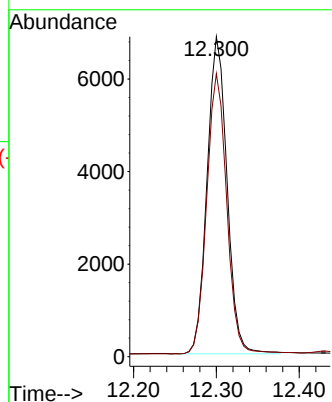
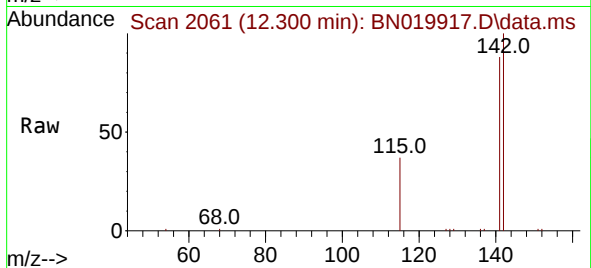




#7
2-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019917.D
Acq: 24 May 2022 07:56

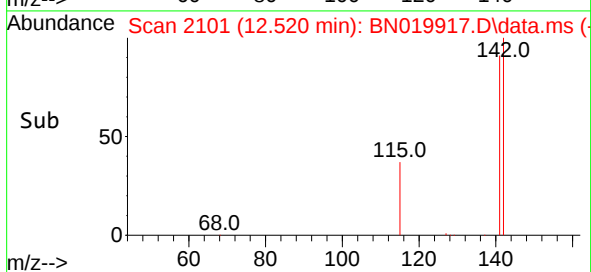
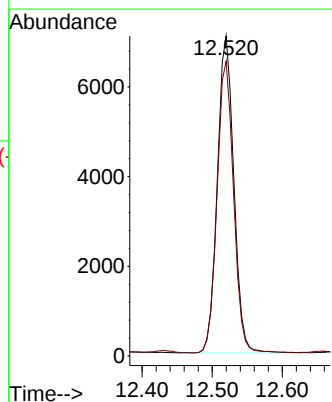
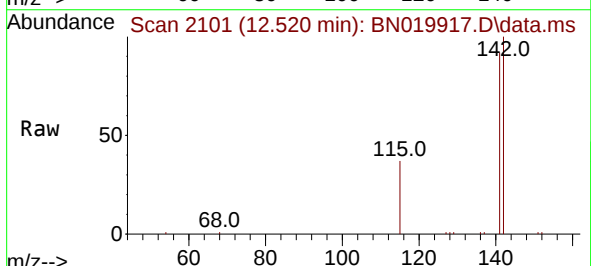
Instrument :
BNA_N
ClientSampleId :
SSTD0.4362

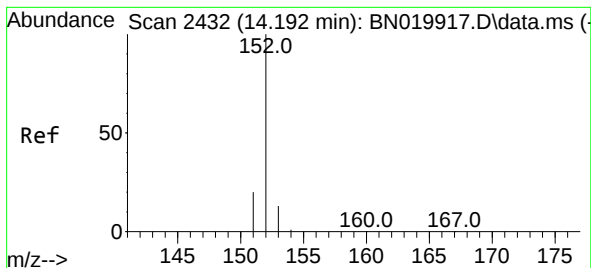
Tgt Ion:142 Resp: 11483
Ion Ratio Lower Upper
142 100
141 88.6 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019917.D
Acq: 24 May 2022 07:56

Tgt Ion:142 Resp: 11512
Ion Ratio Lower Upper
142 100
141 92.1 0.0 0.0#





#10

Acenaphthylene

Concen: 0.355 ng/ul

RT: 14.192 min Scan# 2432

Delta R.T. -0.003 min

Lab File: BN019917.D

Acq: 24 May 2022 07:56

Instrument :

BNA_N

ClientSampleId :

SSTD0.4362

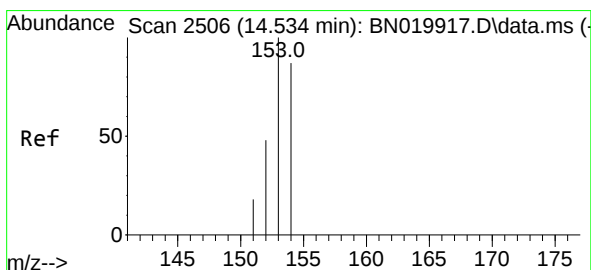
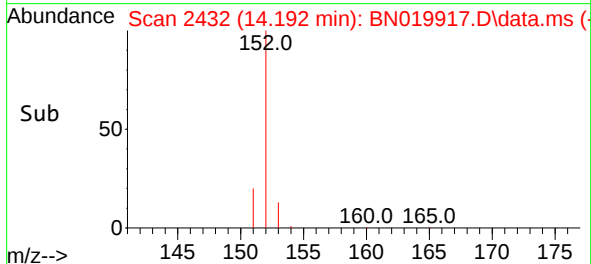
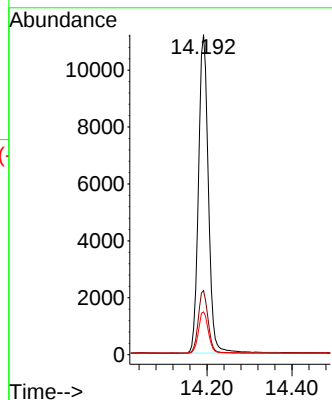
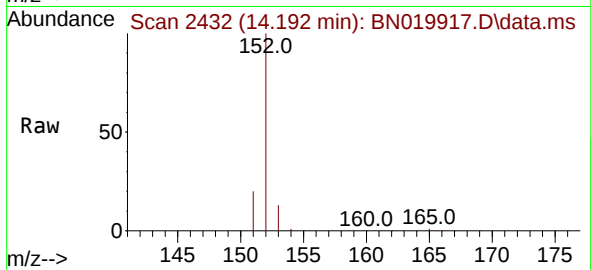
Tgt Ion:152 Resp: 18077

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

153 13.3 11.1 16.7



#11

Acenaphthene

Concen: 0.360 ng/ul

RT: 14.534 min Scan# 2506

Delta R.T. -0.003 min

Lab File: BN019917.D

Acq: 24 May 2022 07:56

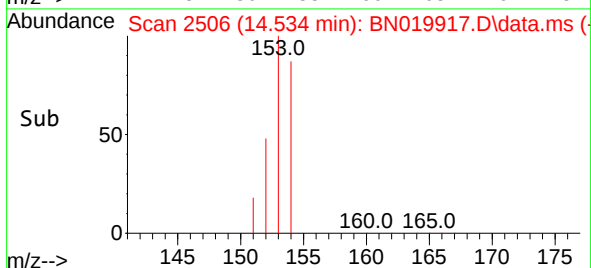
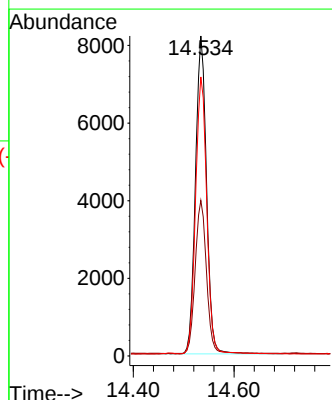
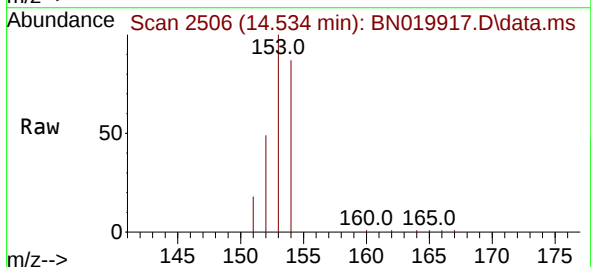
Tgt Ion:153 Resp: 12427

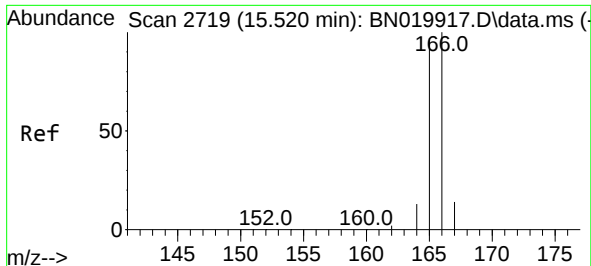
Ion Ratio Lower Upper

153 100

152 48.6 38.6 57.8

154 87.2 71.2 106.8

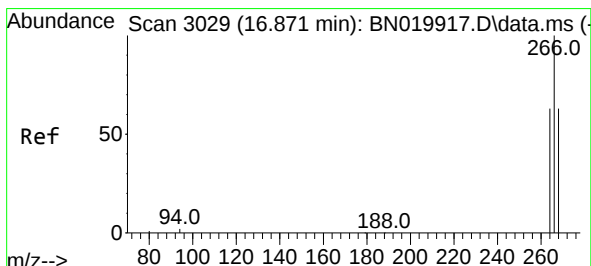
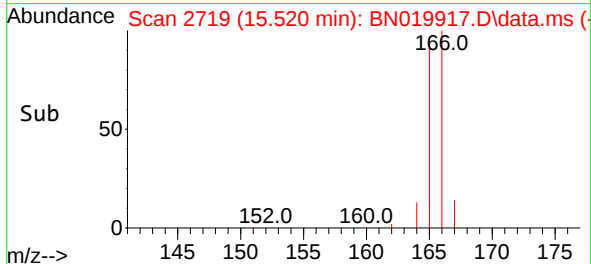
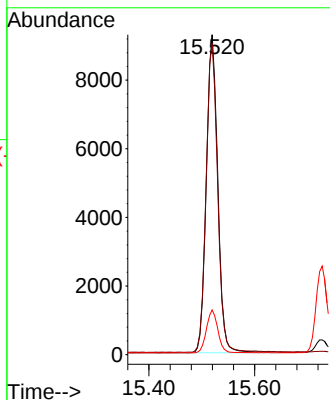
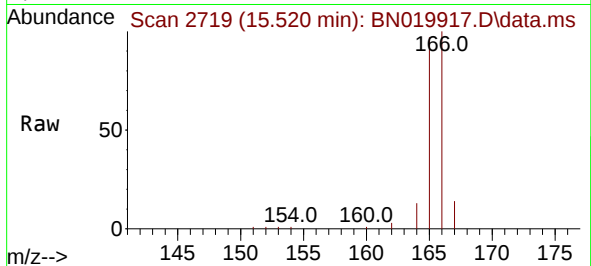




#12
Fluorene
Concen: 0.362 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.003 min
Lab File: BN019917.D
Acq: 24 May 2022 07:56

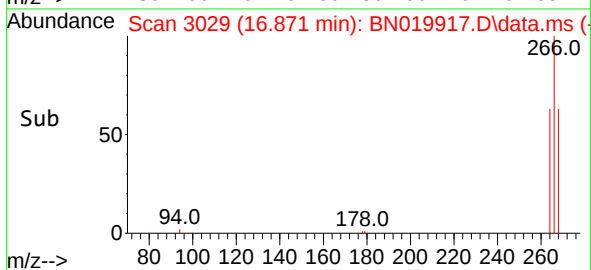
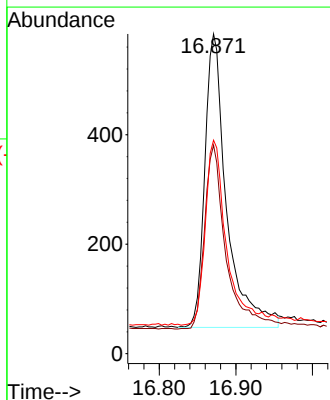
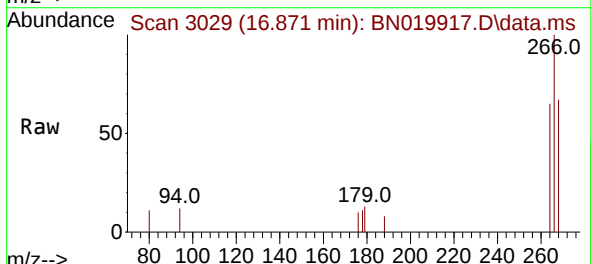
Instrument :
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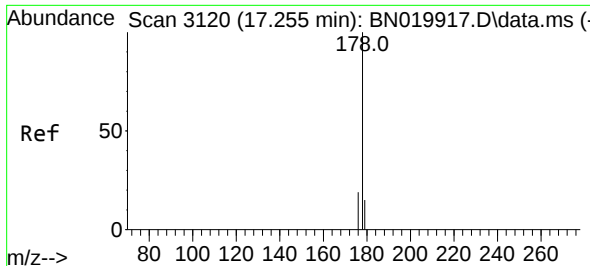
Tgt Ion:166 Resp: 13954
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.2
167 14.0 11.3 16.9



#14
Pentachlorophenol
Concen: 0.353 ng/ul
RT: 16.871 min Scan# 3029
Delta R.T. -0.003 min
Lab File: BN019917.D
Acq: 24 May 2022 07:56

Tgt Ion:266 Resp: 1060
Ion Ratio Lower Upper
266 100
264 62.0 44.9 67.3
268 62.9 44.6 67.0

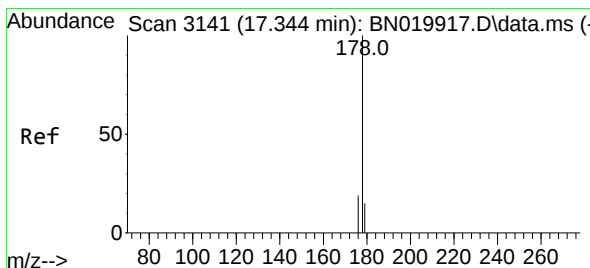
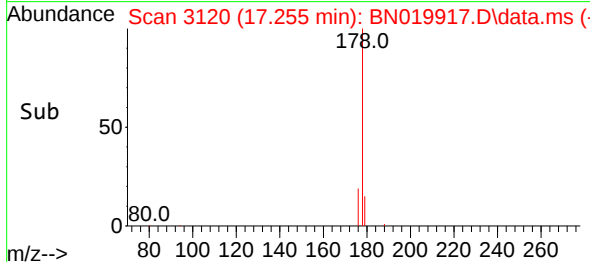
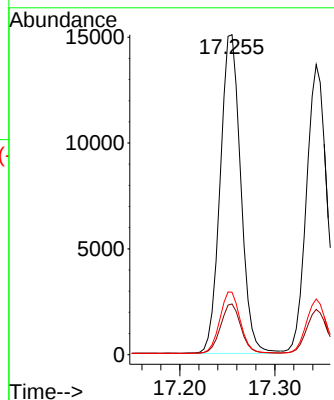
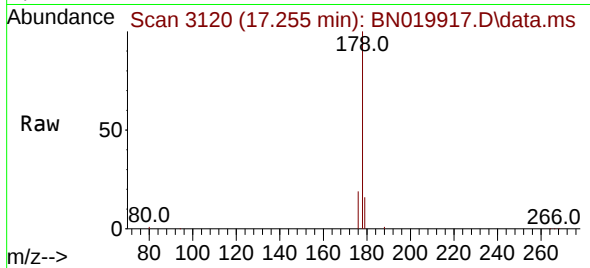




#15
Phenanthrene
Concen: 0.358 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BN019917.D
Acq: 24 May 2022 07:56

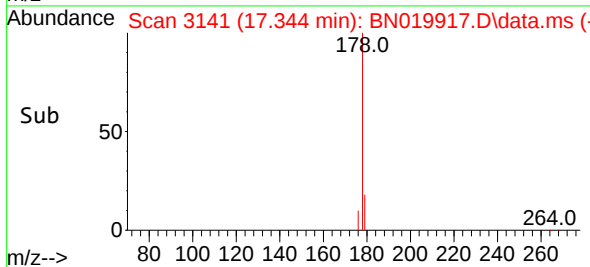
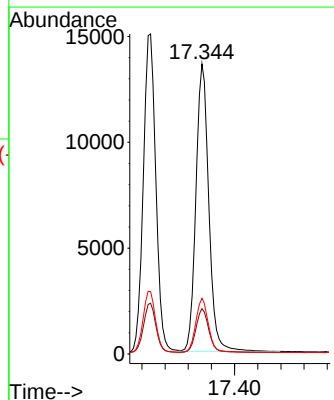
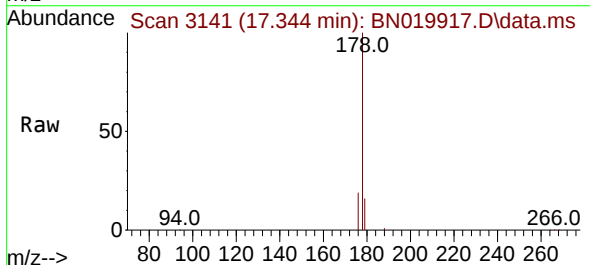
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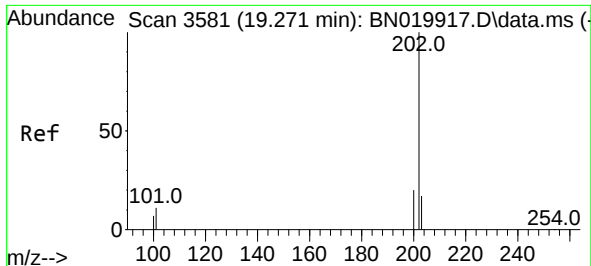
Tgt Ion:178 Resp: 22685
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.5 15.5 23.3



#16
Anthracene
Concen: 0.352 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019917.D
Acq: 24 May 2022 07:56

Tgt Ion:178 Resp: 20939
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 19.2 15.3 22.9

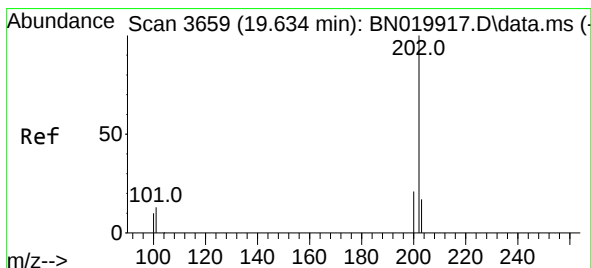
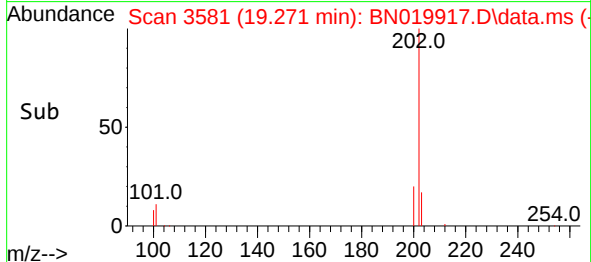
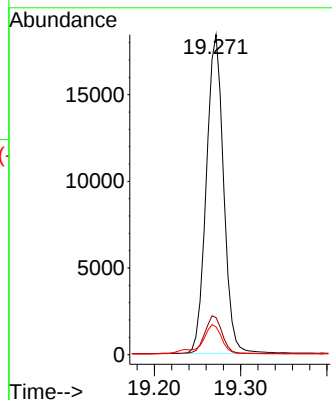
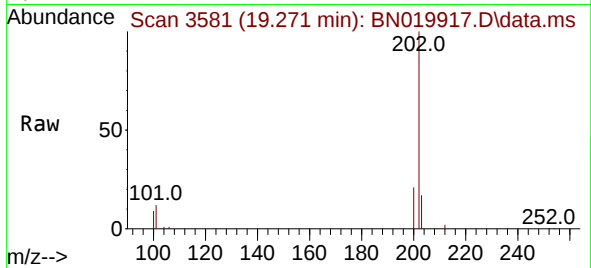




#19
Fluoranthene
Concen: 0.343 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.003 min
Lab File: BN019917.D
Acq: 24 May 2022 07:56

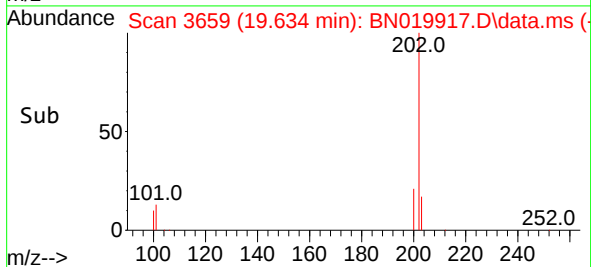
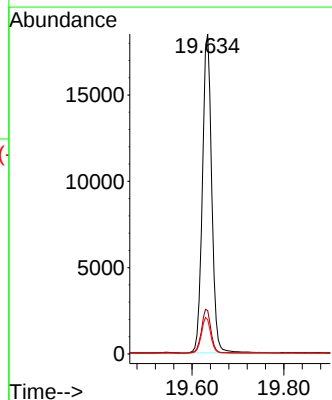
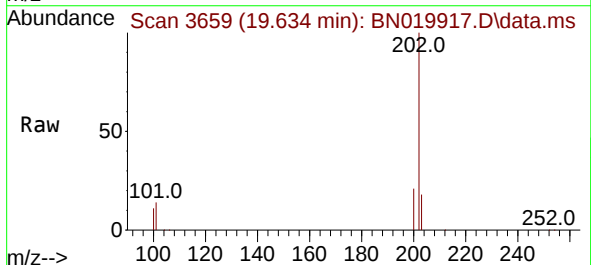
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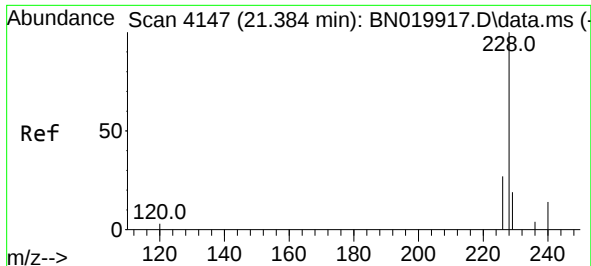
Tgt Ion:202 Resp: 25575
Ion Ratio Lower Upper
202 100
101 11.6 9.7 14.5
100 8.7 7.4 11.2



#20
Pyrene
Concen: 0.343 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.003 min
Lab File: BN019917.D
Acq: 24 May 2022 07:56

Tgt Ion:202 Resp: 25988
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 10.7 9.0 13.4

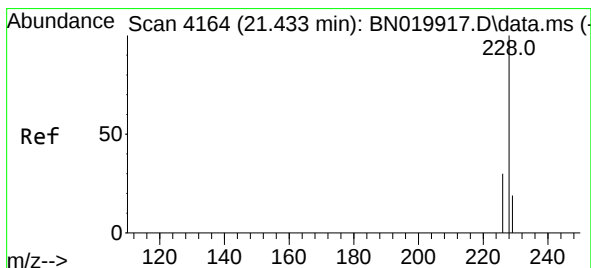
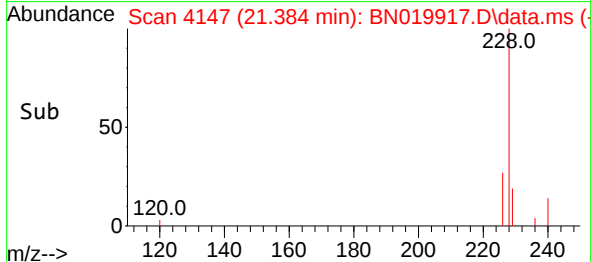
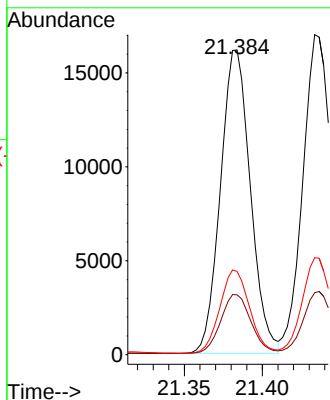
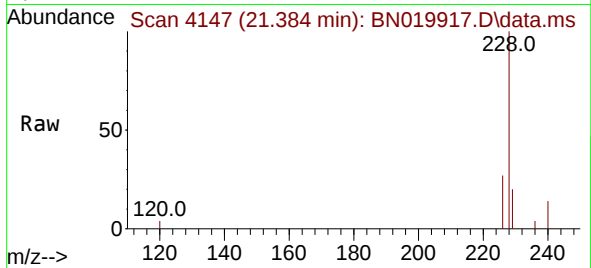




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.384 min Scan# 4147
Delta R.T. -0.001 min
Lab File: BN019917.D
Acq: 24 May 2022 07:56

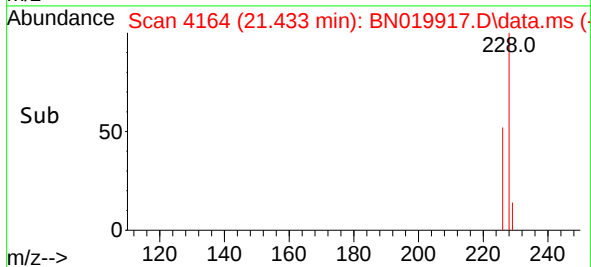
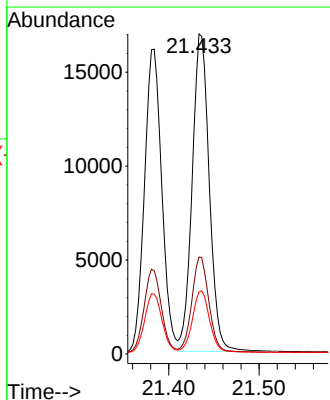
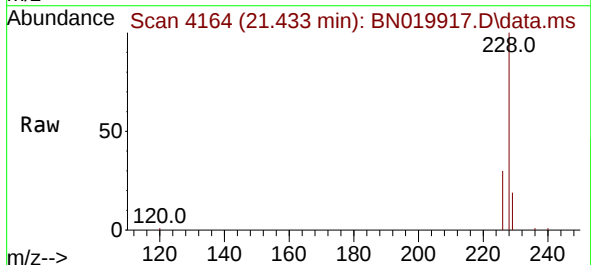
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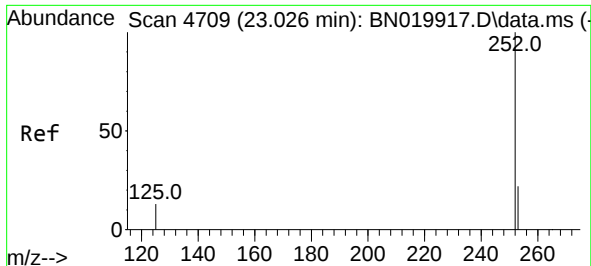
Tgt Ion:228 Resp: 21637
Ion Ratio Lower Upper
228 100
229 19.6 16.1 24.1
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.433 min Scan# 4164
Delta R.T. -0.004 min
Lab File: BN019917.D
Acq: 24 May 2022 07:56

Tgt Ion:228 Resp: 22238
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 19.4 16.0 24.0

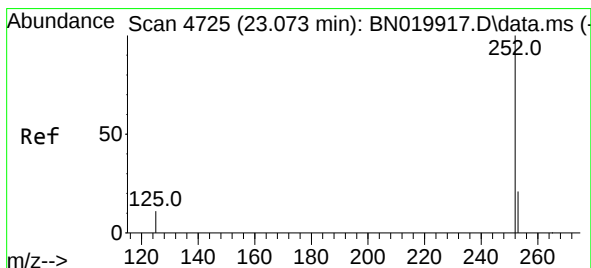
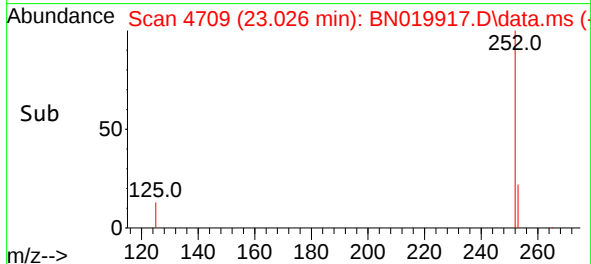
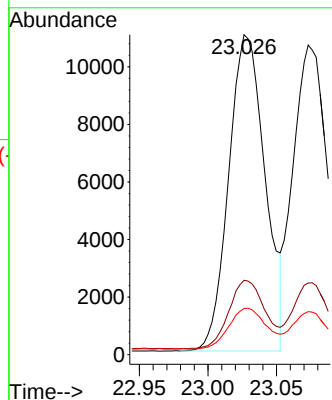
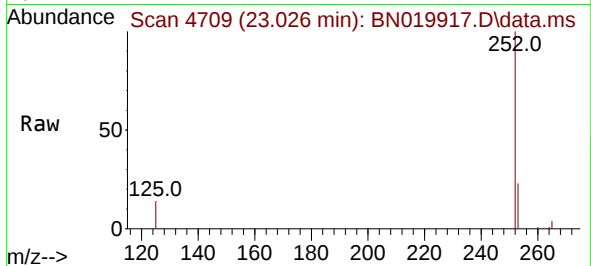




#24
Benzo(b)fluoranthene
Concen: 0.367 ng/ul
RT: 23.026 min Scan# 4709
Delta R.T. -0.004 min
Lab File: BN019917.D
Acq: 24 May 2022 07:56

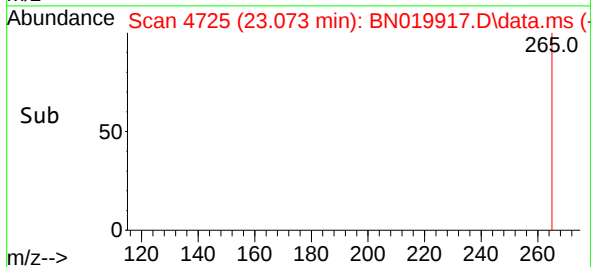
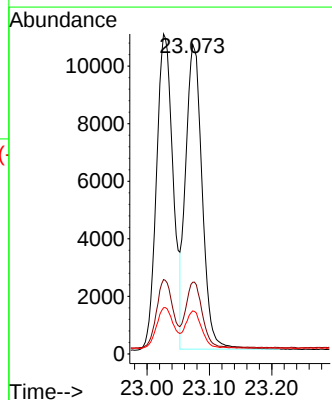
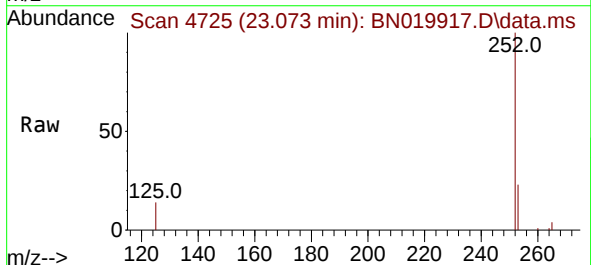
Instrument :
BNA_N
ClientSampleId :
SSTD0.4362

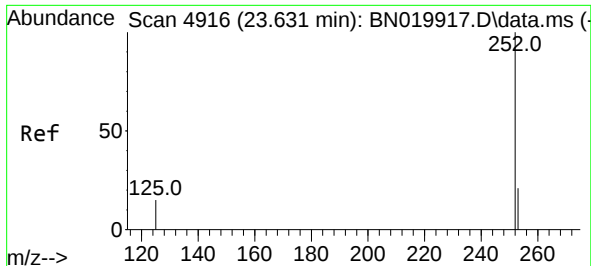
Tgt Ion:252 Resp: 20285
Ion Ratio Lower Upper
252 100
253 23.3 0.0 52.0
125 14.4 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 23.073 min Scan# 4725
Delta R.T. -0.007 min
Lab File: BN019917.D
Acq: 24 May 2022 07:56

Tgt Ion:252 Resp: 19418
Ion Ratio Lower Upper
252 100
253 23.2 20.2 30.2
125 13.9 11.0 16.6

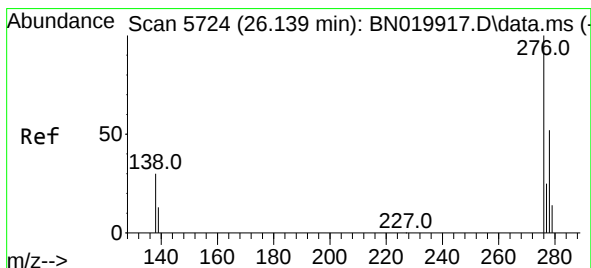
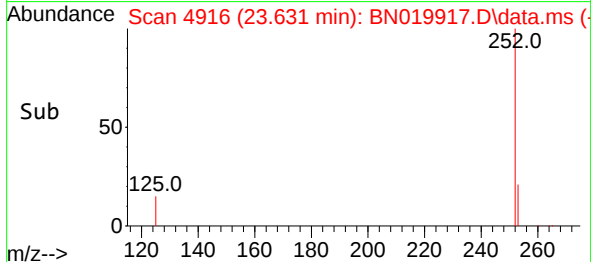
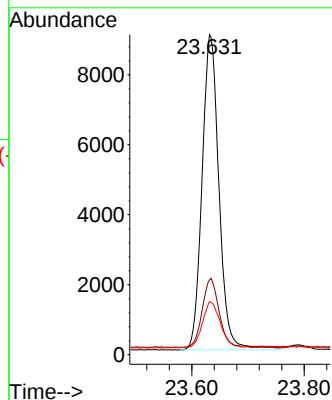
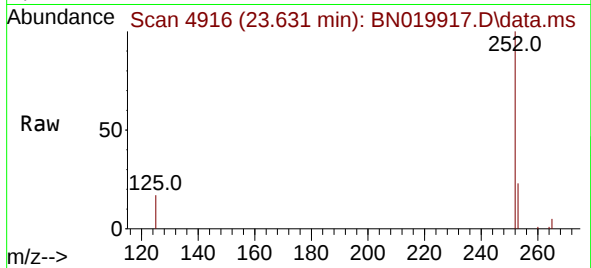




#26
Benzo(a)pyrene
Concen: 0.361 ng/ul
RT: 23.631 min Scan# 4916
Delta R.T. -0.007 min
Lab File: BN019917.D
Acq: 24 May 2022 07:56

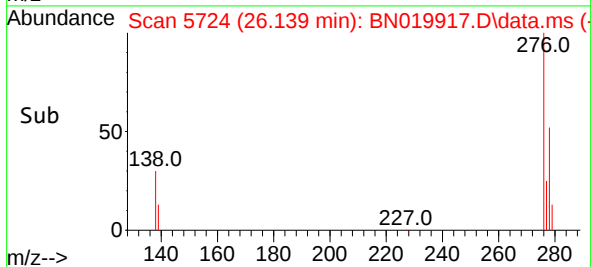
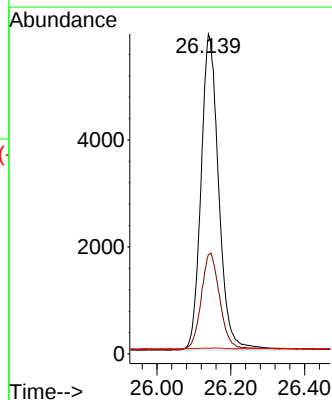
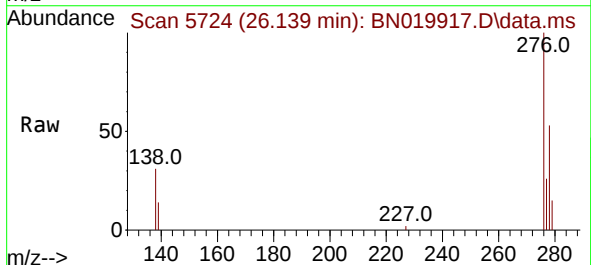
Instrument :
BNA_N
ClientSampleId :
SSTD0.4362

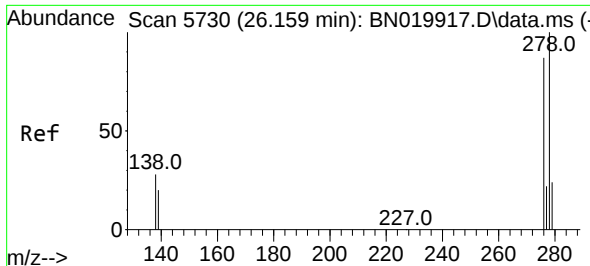
Tgt Ion:252 Resp: 18861
Ion Ratio Lower Upper
252 100
253 23.4 23.4 35.0
125 16.5 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.358 ng/ul
RT: 26.139 min Scan# 5724
Delta R.T. -0.012 min
Lab File: BN019917.D
Acq: 24 May 2022 07:56

Tgt Ion:276 Resp: 19602
Ion Ratio Lower Upper
276 100
138 0.0 23.6 35.4#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.354 ng/ul

RT: 26.159 min Scan# 51

Delta R.T. -0.005 min

Lab File: BN019917.D

Acq: 24 May 2022 07:56

Instrument :

BNA_N

ClientSampleId :

SSTD0.4362

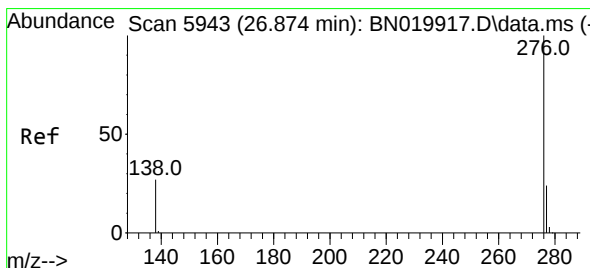
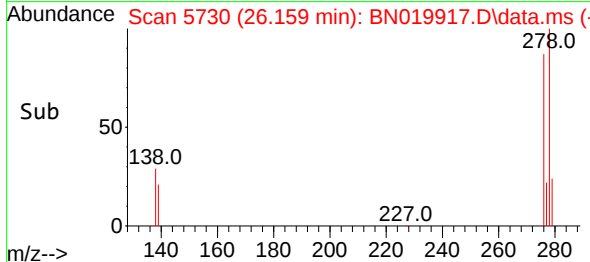
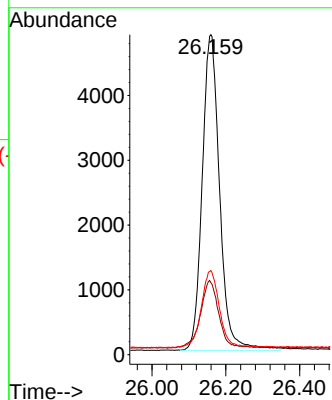
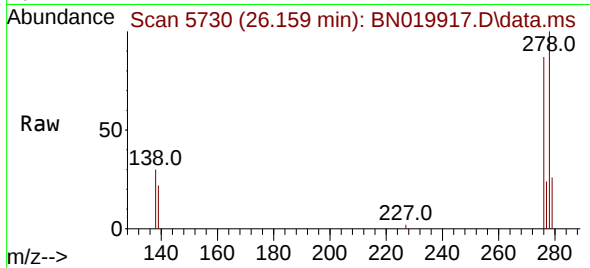
Tgt Ion:278 Resp: 15916

Ion Ratio Lower Upper

278 100

139 22.5 18.6 28.0

279 26.3 35.1 52.7#



#29

Benzo(g,h,i)perylene

Concen: 0.362 ng/ul

RT: 26.874 min Scan# 5943

Delta R.T. -0.012 min

Lab File: BN019917.D

Acq: 24 May 2022 07:56

Tgt Ion:276 Resp: 16986

Ion Ratio Lower Upper

276 100

138 28.4 20.9 31.3

277 25.1 20.4 30.6

