

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BNCCC925.D
 Acq On : 24 May 2022 16:21
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 25 01:46:53 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)

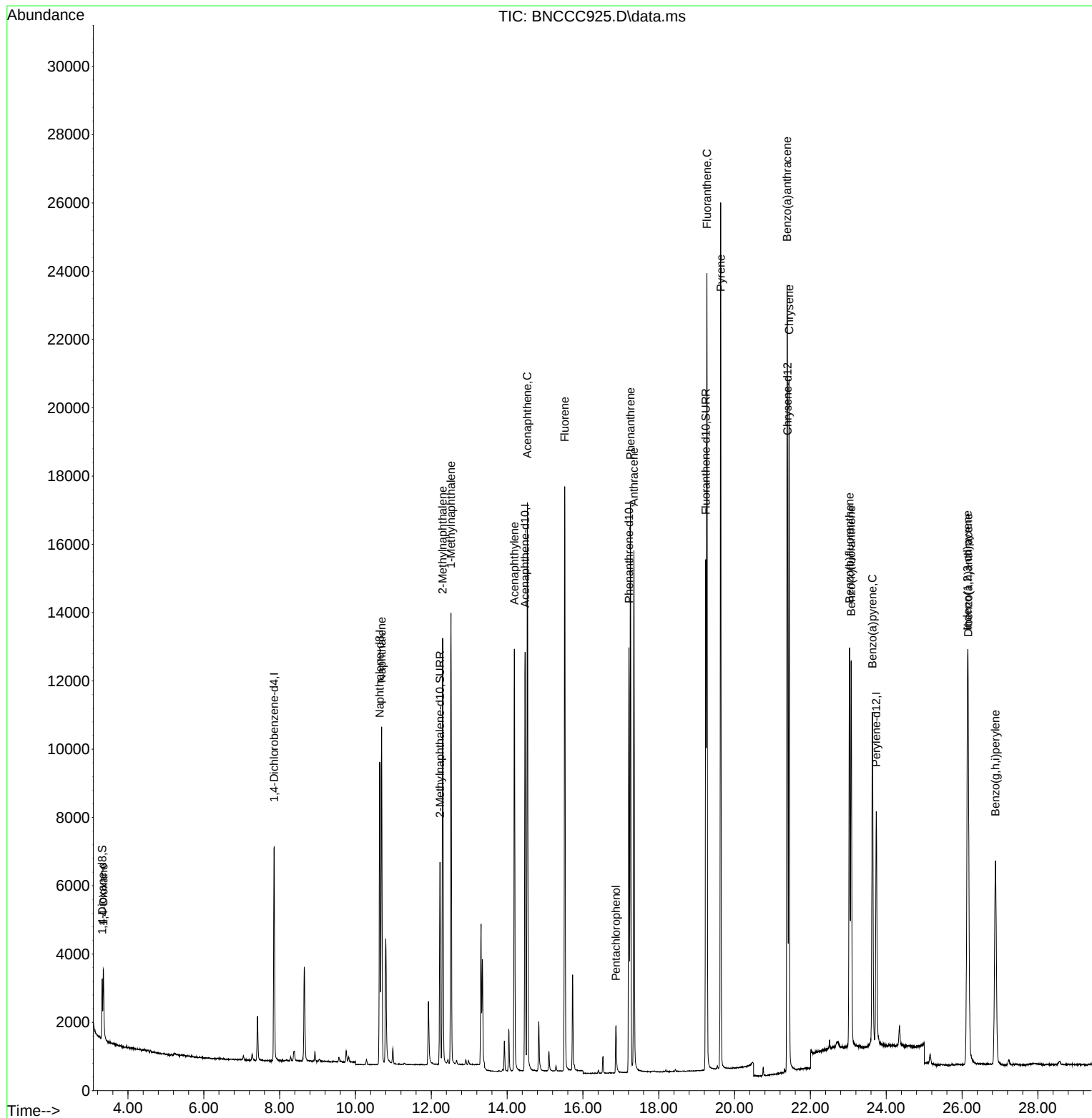
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	3500	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	12236	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.474	164	7350	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	14780	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	12038	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	9781	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1268	0.389	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	7948	0.398	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	16412	0.381	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	1320	0.388	ng/ul	93
5) Naphthalene	10.689	128	13952	0.364	ng/ul	100
7) 2-Methylnaphthalene	12.300	142	9321	0.367	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	9403	0.397	ng/ul#	100
10) Acenaphthylene	14.192	152	14947	0.357	ng/ul	99
11) Acenaphthene	14.534	153	10256	0.361	ng/ul	98
12) Fluorene	15.520	166	11526	0.363	ng/ul	100
14) Pentachlorophenol	16.871	266	1095	0.445	ng/ul	90
15) Phenanthrene	17.255	178	18666	0.359	ng/ul	99
16) Anthracene	17.344	178	17576	0.361	ng/ul	99
19) Fluoranthene	19.272	202	21107	0.351	ng/ul	98
20) Pyrene	19.634	202	21524	0.353	ng/ul	99
21) Benzo(a)anthracene	21.385	228	17717	0.360	ng/ul	100
22) Chrysene	21.438	228	17942	0.361	ng/ul	100
24) Benzo(b)fluoranthene	23.031	252	15911	0.368	ng/ul	94
25) Benzo(k)fluoranthene	23.077	252	15258	0.362	ng/ul	98
26) Benzo(a)pyrene	23.636	252	15054	0.368	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.144	276	15713	0.366	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.161	278	12890	0.367	ng/ul#	81
29) Benzo(g,h,i)perylene	26.882	276	13251	0.361	ng/ul	97

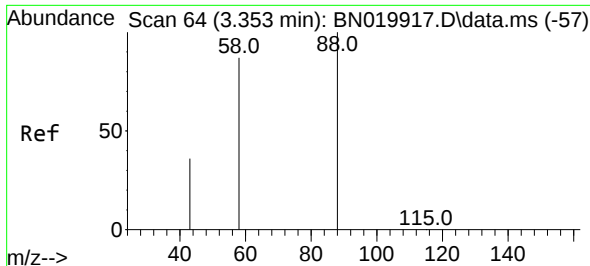
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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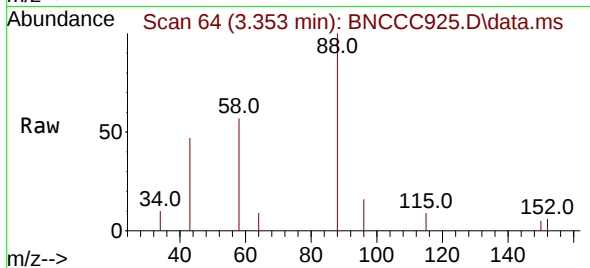
Quant Time: May 25 01:46:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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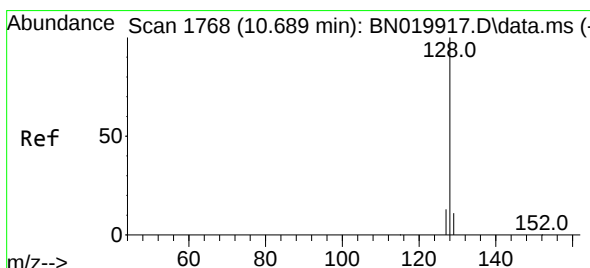
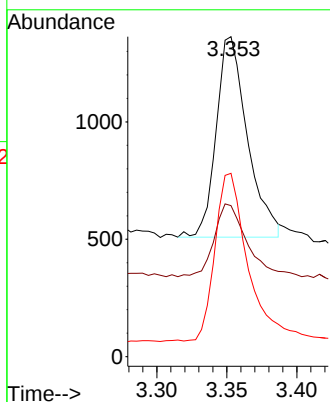
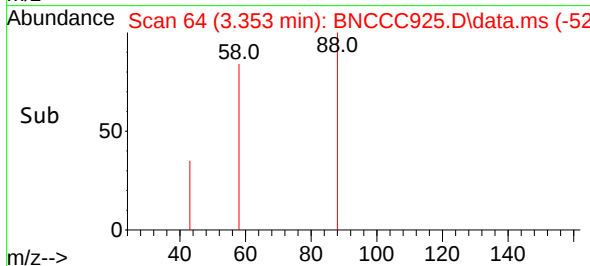


#2
 1,4-Dioxane
 Concen: 0.388 ng/ul
 RT: 3.353 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BNCCC925.D
 Acq: 24 May 2022 16:21

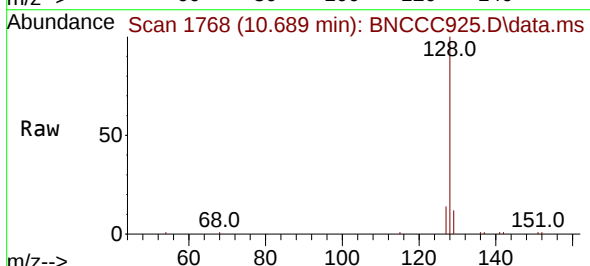
Instrument :
 BNA_N
 ClientSampleId :



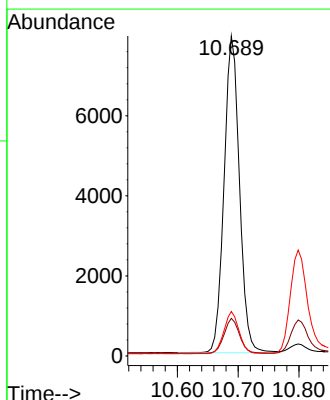
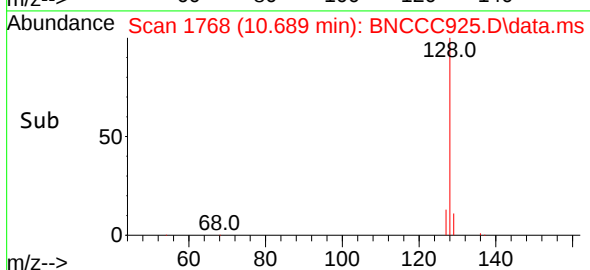
Tgt Ion: 88 Resp: 1320
 Ion Ratio Lower Upper
 88 100
 43 47.2 39.0 58.4
 58 57.3 39.8 59.8

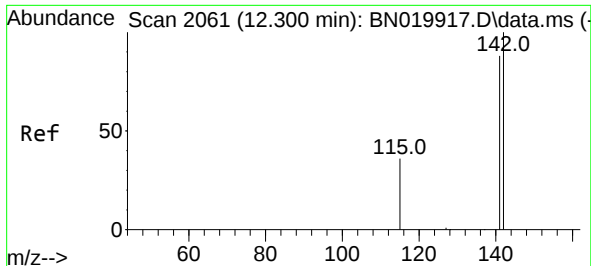


#5
 Naphthalene
 Concen: 0.364 ng/ul
 RT: 10.689 min Scan# 1768
 Delta R.T. -0.004 min
 Lab File: BNCCC925.D
 Acq: 24 May 2022 16:21



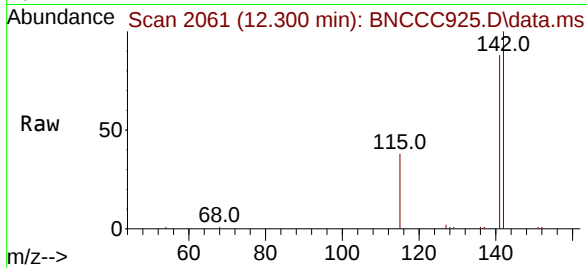
Tgt Ion: 128 Resp: 13952
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.5 14.3
 127 13.9 11.0 16.4



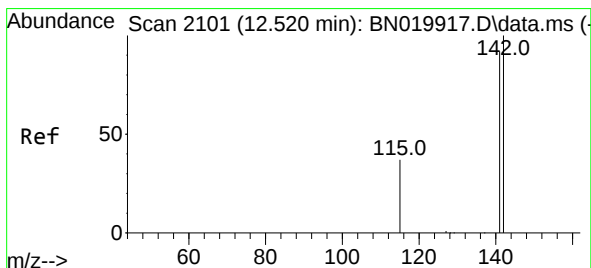
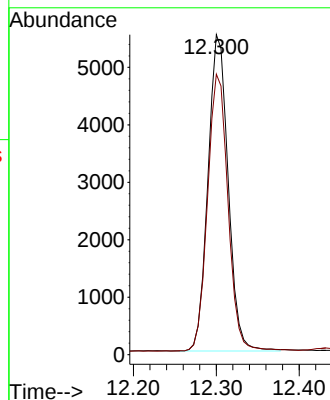
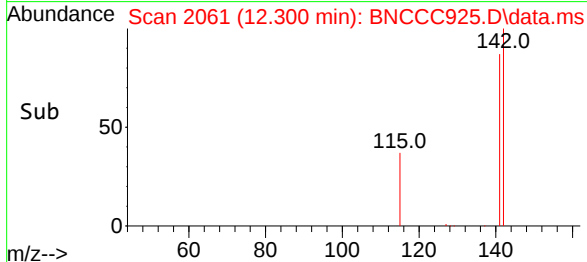


#7
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BNCCC925.D
Acq: 24 May 2022 16:21

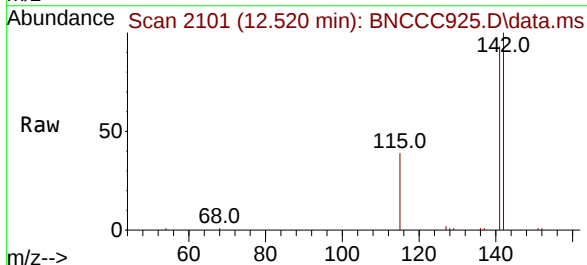
Instrument :
BNA_N
ClientSampleId :



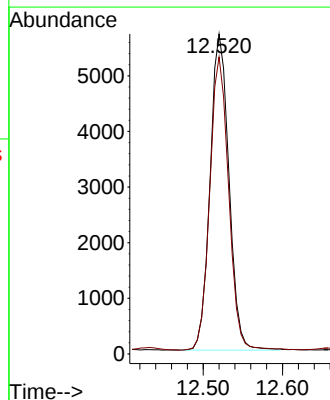
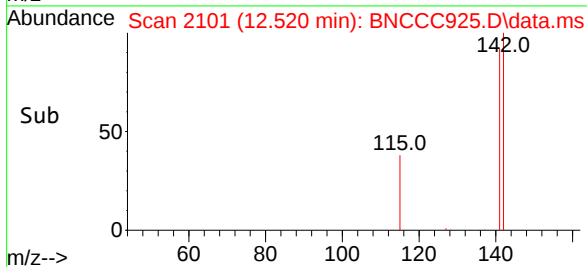
Tgt Ion:142 Resp: 9321
Ion Ratio Lower Upper
142 100
141 88.6 0.0 0.0#

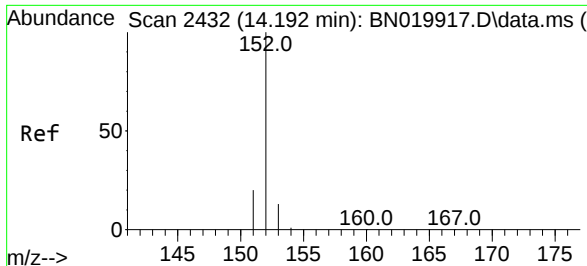


#8
1-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BNCCC925.D
Acq: 24 May 2022 16:21



Tgt Ion:142 Resp: 9403
Ion Ratio Lower Upper
142 100
141 92.4 0.0 0.0#

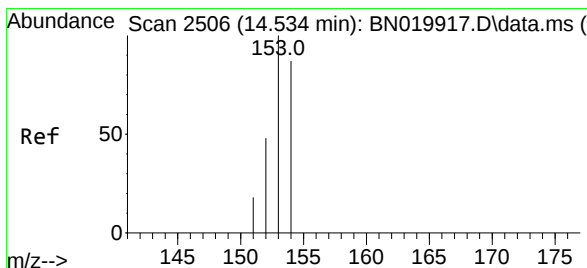
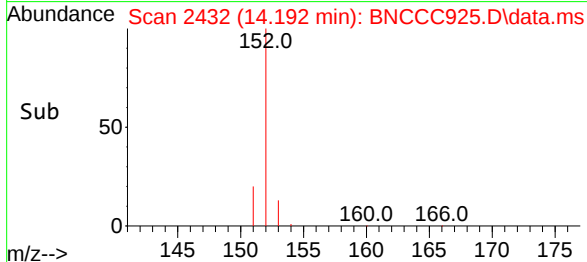
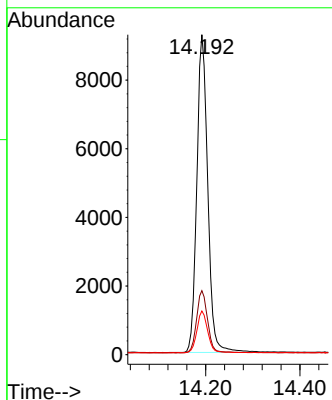
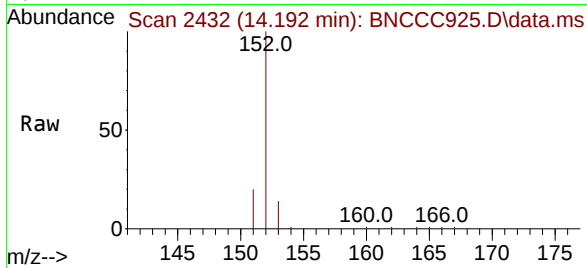




#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BNCCC925.D
Acq: 24 May 2022 16:21

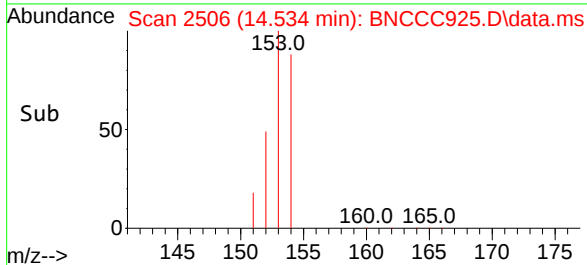
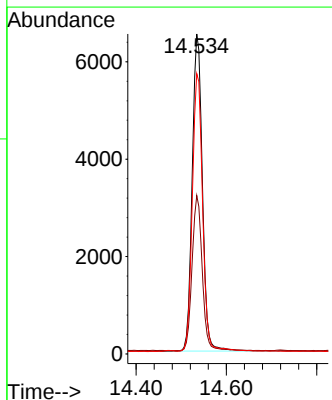
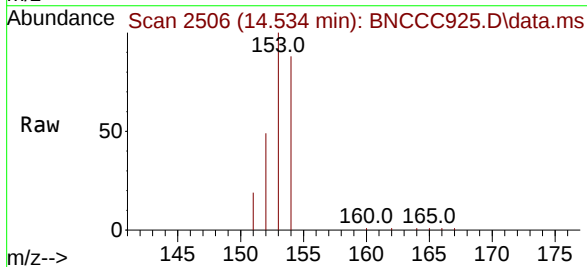
Instrument :
BNA_N
ClientSampleId :

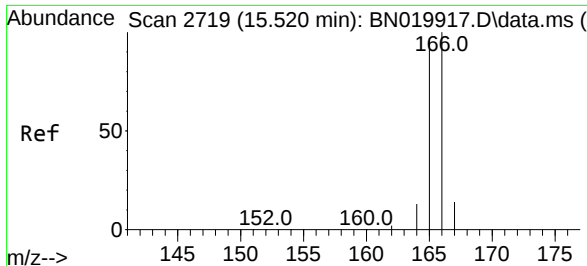
Tgt Ion:152 Resp: 14947
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.003 min
Lab File: BNCCC925.D
Acq: 24 May 2022 16:21

Tgt Ion:153 Resp: 10256
Ion Ratio Lower Upper
153 100
152 49.5 38.6 57.8
154 87.6 71.2 106.8

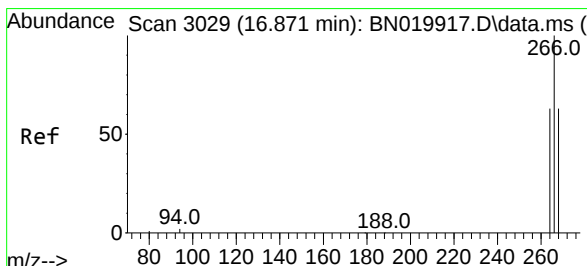
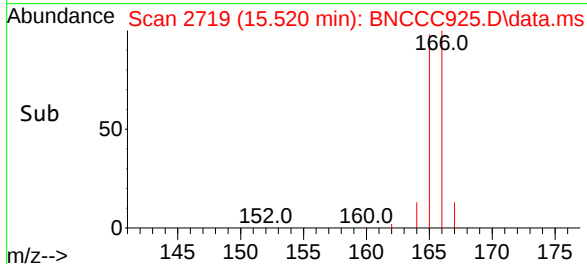
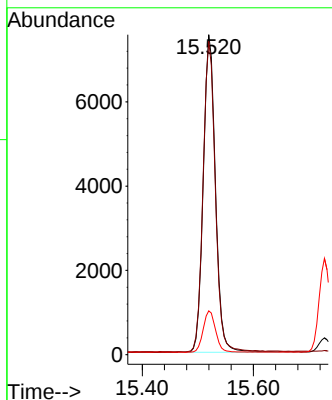
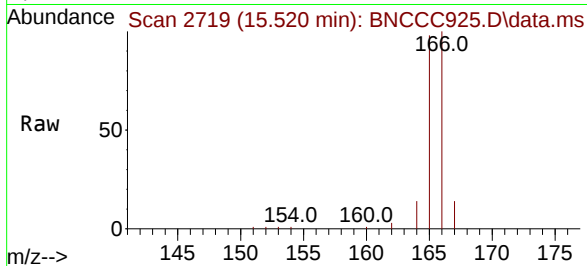




#12
Fluorene
Concen: 0.363 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.003 min
Lab File: BNCCC925.D
Acq: 24 May 2022 16:21

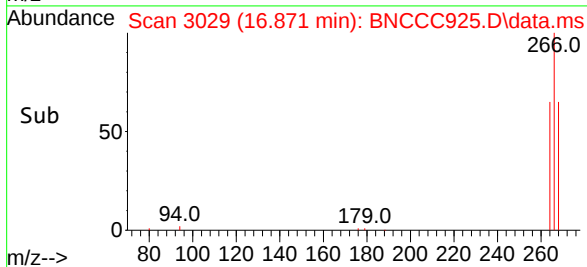
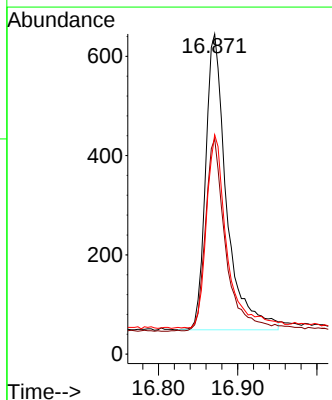
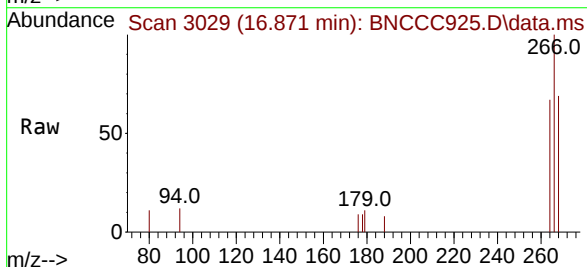
Instrument :
BNA_N
ClientSampleId :

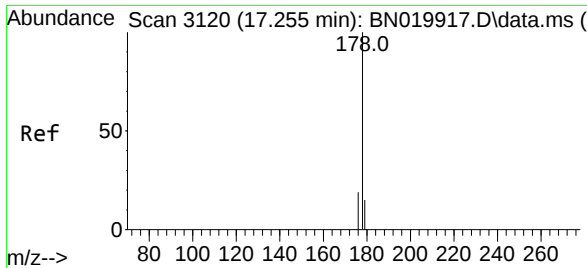
Tgt Ion:166 Resp: 11526
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.7 11.3 16.9



#14
Pentachlorophenol
Concen: 0.445 ng/ul
RT: 16.871 min Scan# 3029
Delta R.T. -0.003 min
Lab File: BNCCC925.D
Acq: 24 May 2022 16:21

Tgt Ion:266 Resp: 1095
Ion Ratio Lower Upper
266 100
264 63.0 44.9 67.3
268 63.5 44.6 67.0

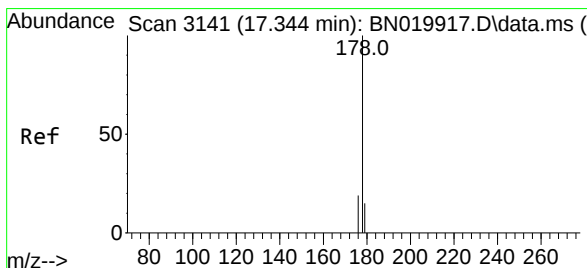
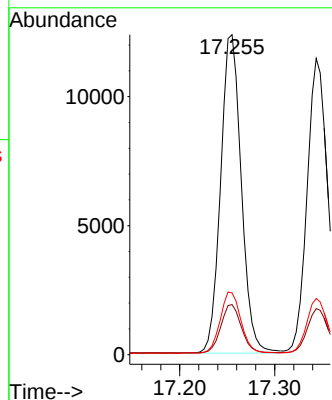
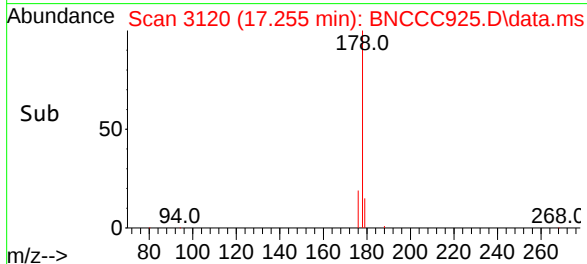
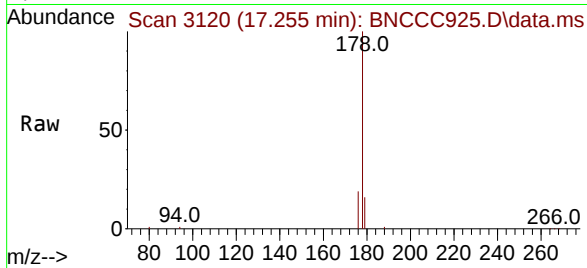




#15
Phenanthrene
Concen: 0.359 ng/u1
RT: 17.255 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BNCCC925.D
Acq: 24 May 2022 16:21

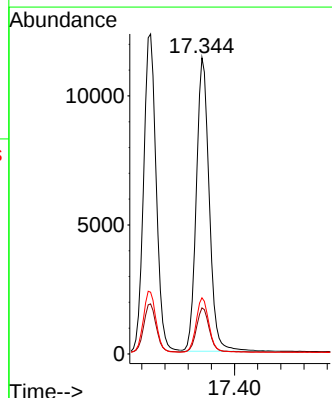
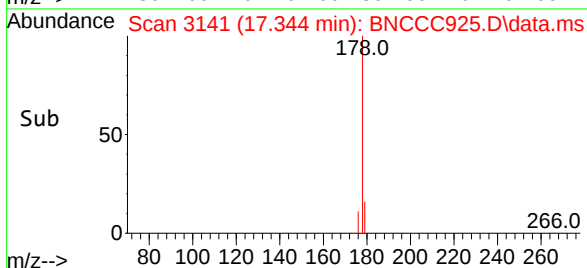
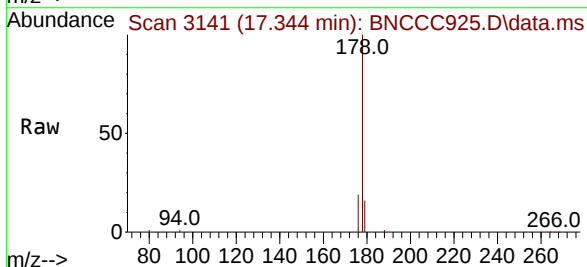
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ClientSampleId :

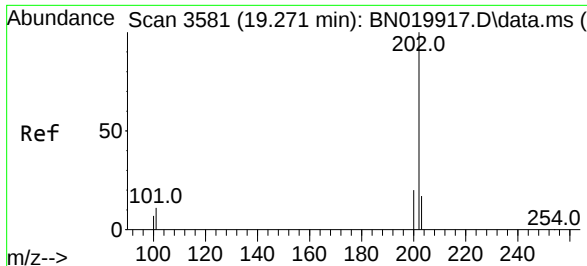
Tgt Ion:178 Resp: 18666
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.3 15.5 23.3



#16
Anthracene
Concen: 0.361 ng/u1
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BNCCC925.D
Acq: 24 May 2022 16:21

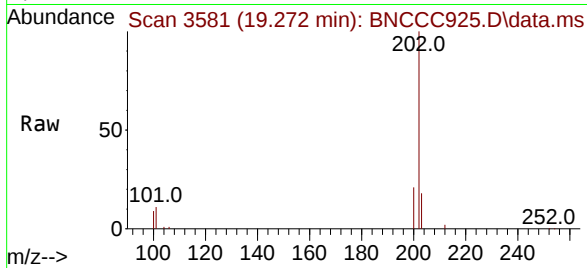
Tgt Ion:178 Resp: 17576
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 19.0 15.3 22.9



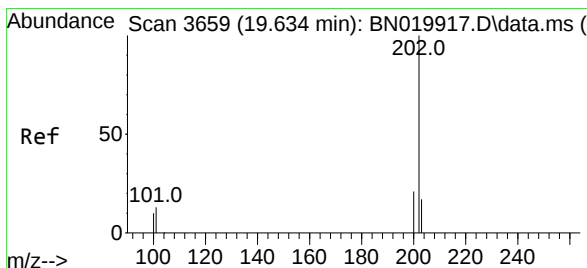
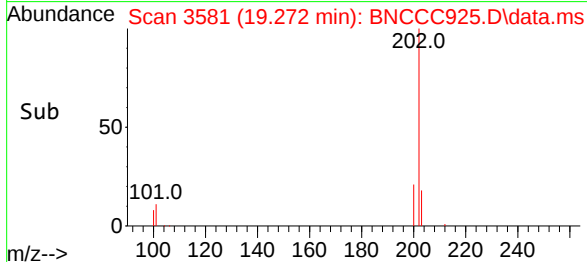
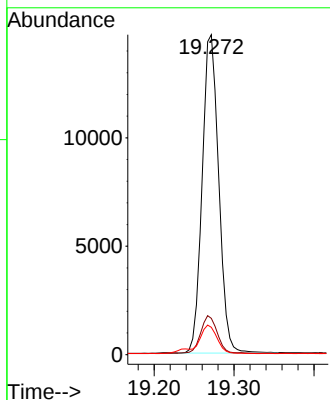


#19
Fluoranthene
Concen: 0.351 ng/ul
RT: 19.272 min Scan# 3581
Delta R.T. -0.003 min
Lab File: BNCCC925.D
Acq: 24 May 2022 16:21

Instrument :
BNA_N
ClientSampleId :

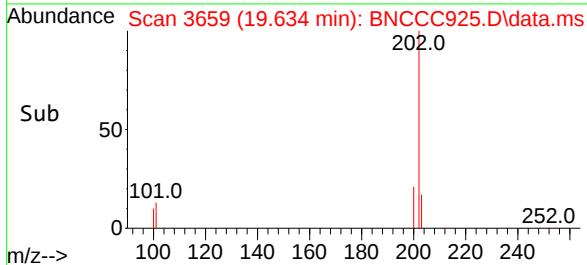
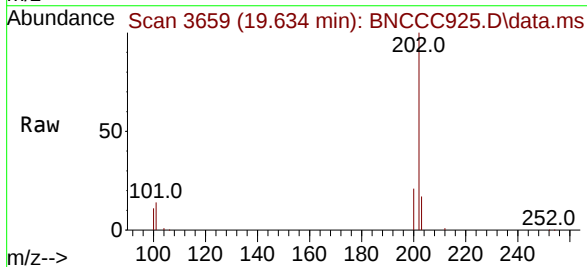
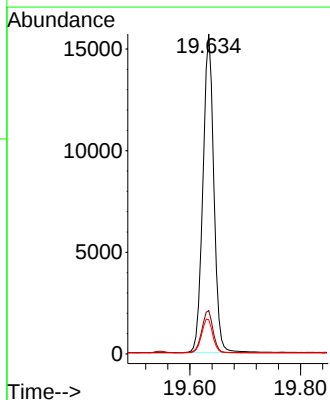


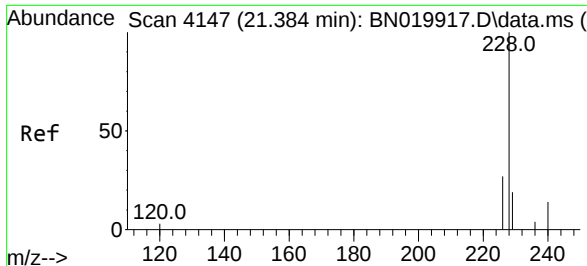
Tgt Ion:202 Resp: 21107
Ion Ratio Lower Upper
202 100
101 11.4 9.7 14.5
100 8.6 7.4 11.2



#20
Pyrene
Concen: 0.353 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.003 min
Lab File: BNCCC925.D
Acq: 24 May 2022 16:21

Tgt Ion:202 Resp: 21524
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 10.7 9.0 13.4

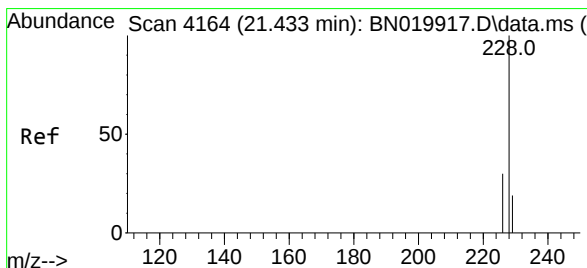
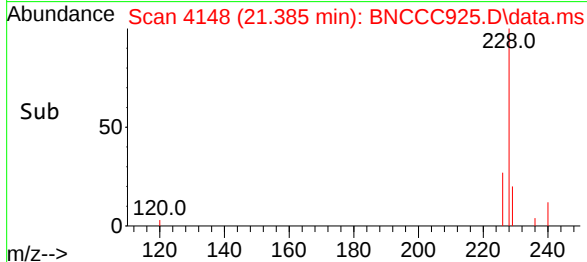
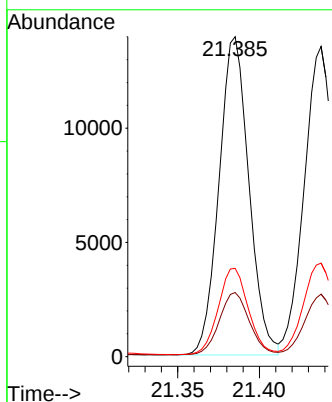
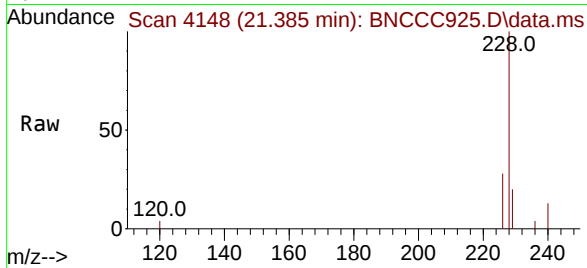




#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.385 min Scan# 4147
Delta R.T. 0.000 min
Lab File: BNCCC925.D
Acq: 24 May 2022 16:21

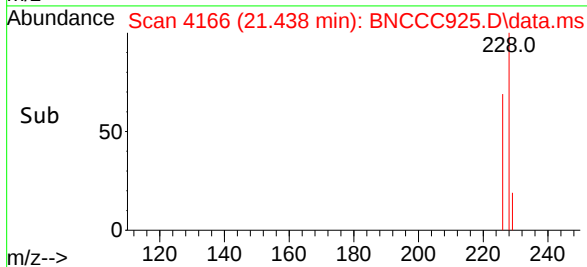
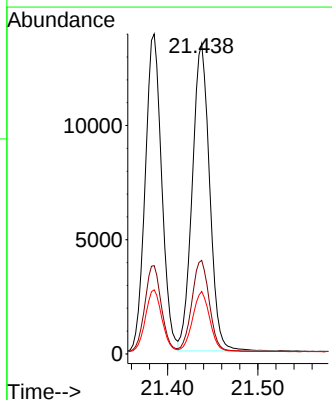
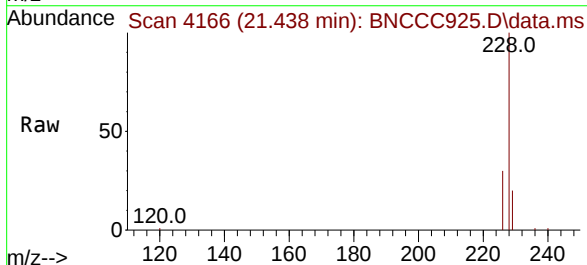
Instrument :
BNA_N
ClientSampleId :

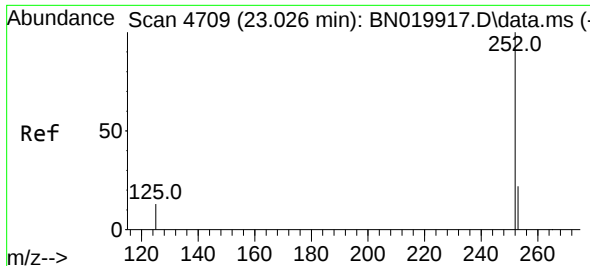
Tgt Ion:228 Resp: 17717
Ion Ratio Lower Upper
228 100
229 20.0 16.1 24.1
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.361 ng/ul
RT: 21.438 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BNCCC925.D
Acq: 24 May 2022 16:21

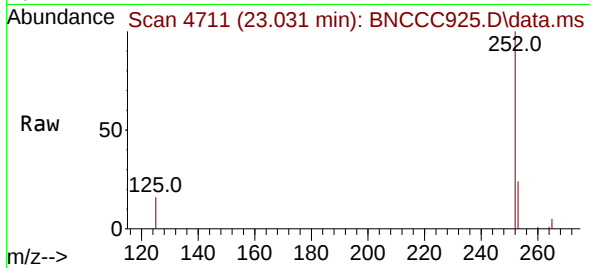
Tgt Ion:228 Resp: 17942
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 20.2 16.0 24.0



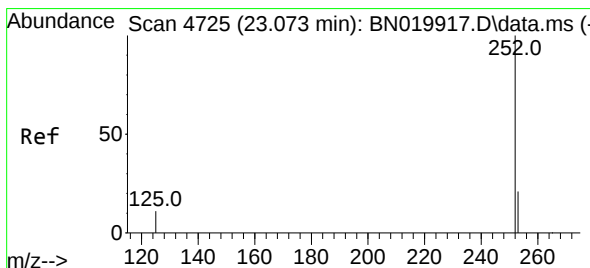
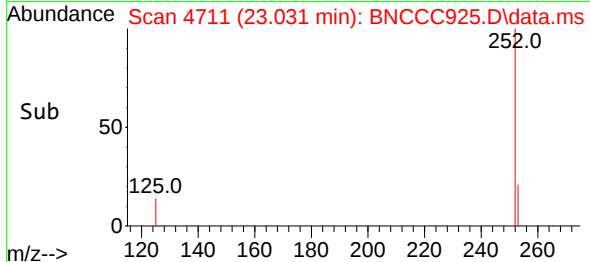
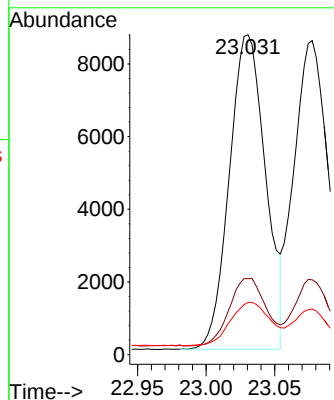


#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 23.031 min Scan# 4711
Delta R.T. 0.000 min
Lab File: BNCCC925.D
Acq: 24 May 2022 16:21

Instrument :
BNA_N
ClientSampleId :

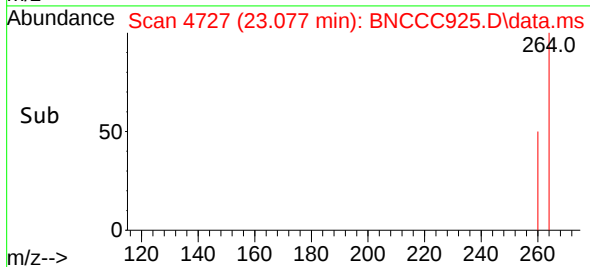
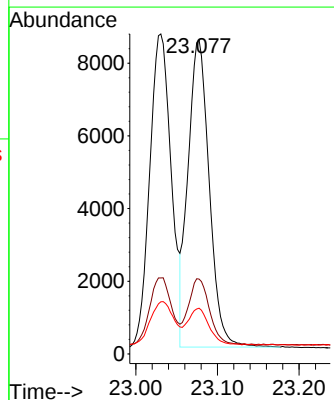
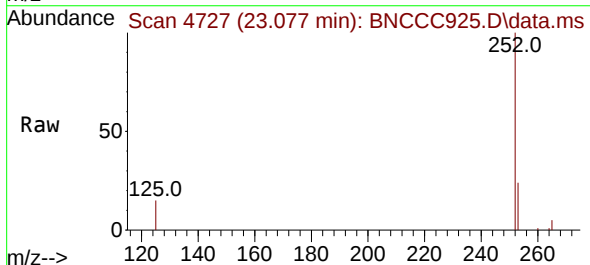


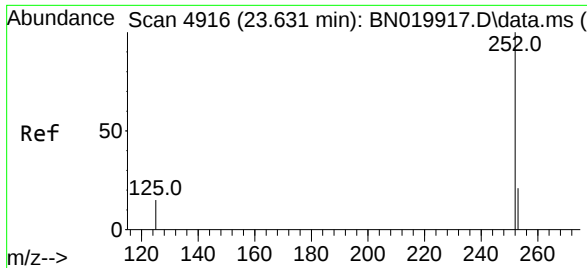
Tgt Ion:252 Resp: 15911
Ion Ratio Lower Upper
252 100
253 23.8 0.0 52.0
125 16.3 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul
RT: 23.077 min Scan# 4727
Delta R.T. -0.003 min
Lab File: BNCCC925.D
Acq: 24 May 2022 16:21

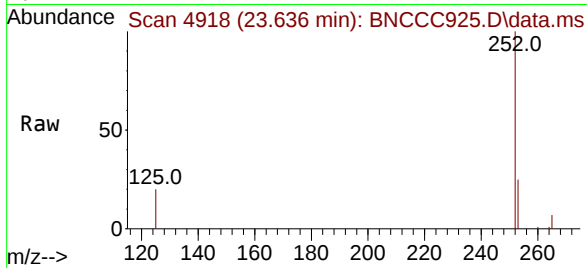
Tgt Ion:252 Resp: 15258
Ion Ratio Lower Upper
252 100
253 23.8 20.2 30.2
125 14.6 11.0 16.6



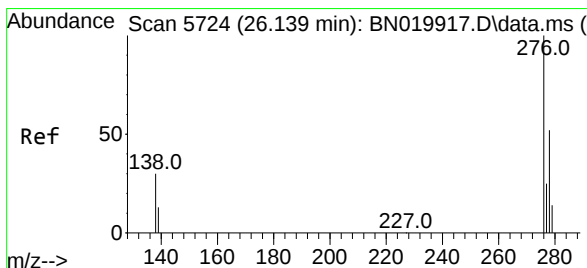
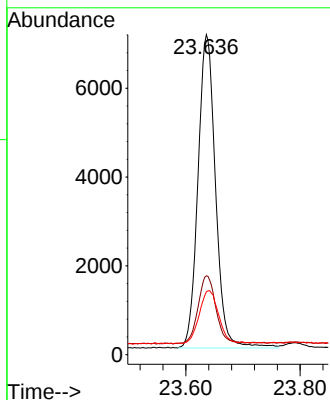
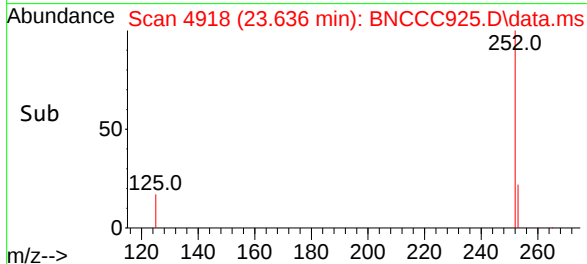


#26
Benzo(a)pyrene
Concen: 0.368 ng/ul
RT: 23.636 min Scan# 4916
Delta R.T. -0.003 min
Lab File: BNCCC925.D
Acq: 24 May 2022 16:21

Instrument :
BNA_N
ClientSampleId :

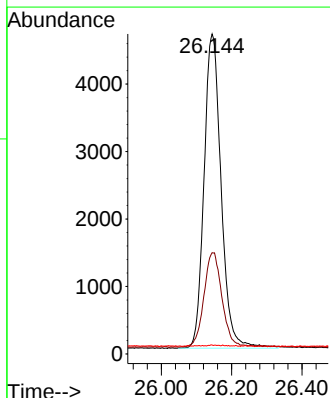
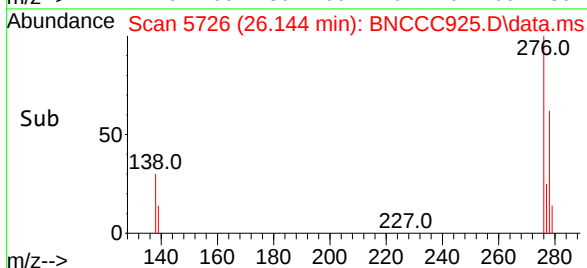
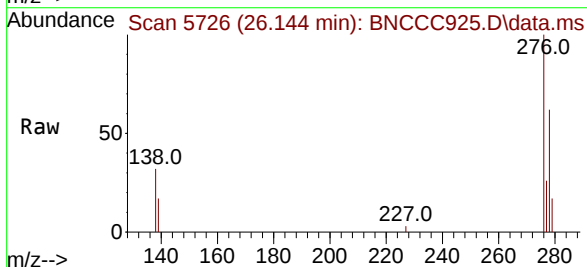


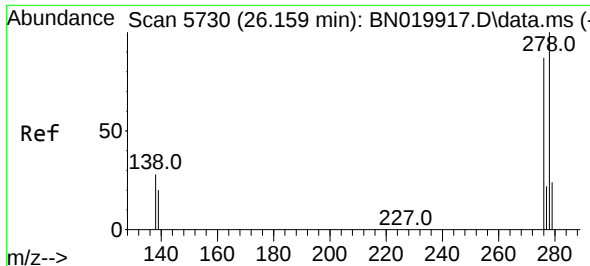
Tgt Ion:252 Resp: 15054
Ion Ratio Lower Upper
252 100
253 24.7 23.4 35.0
125 19.6 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul
RT: 26.144 min Scan# 5726
Delta R.T. -0.007 min
Lab File: BNCCC925.D
Acq: 24 May 2022 16:21

Tgt Ion:276 Resp: 15713
Ion Ratio Lower Upper
276 100
138 31.8 23.6 35.4
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.367 ng/ul

RT: 26.161 min Scan# 51

Delta R.T. -0.003 min

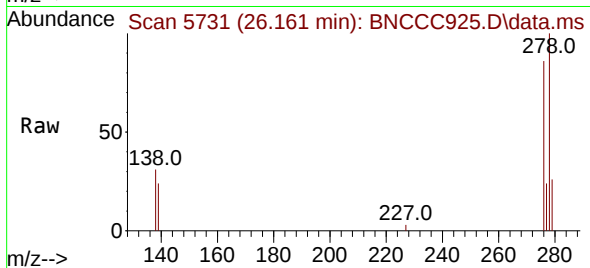
Lab File: BNCCC925.D

Acq: 24 May 2022 16:21

Instrument :

BNA_N

ClientSampleId :



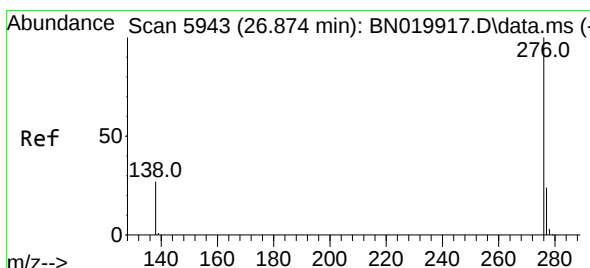
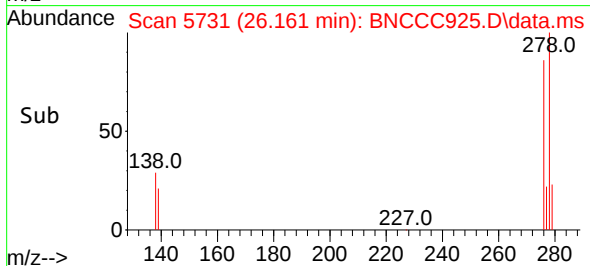
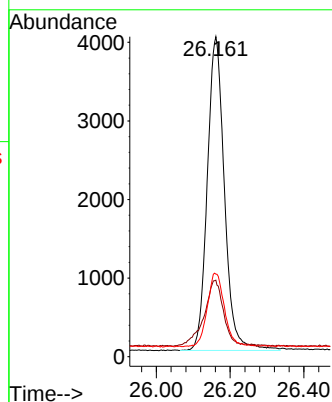
Tgt Ion:278 Resp: 12890

Ion Ratio Lower Upper

278 100

139 23.9 18.6 28.0

279 25.8 35.1 52.7#



#29

Benzo(g,h,i)perylene

Concen: 0.361 ng/ul

RT: 26.882 min Scan# 5946

Delta R.T. -0.003 min

Lab File: BNCCC925.D

Acq: 24 May 2022 16:21

Tgt Ion:276 Resp: 13251

Ion Ratio Lower Upper

276 100

138 28.7 20.9 31.3

277 25.6 20.4 30.6

