

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052322\
 Data File : BN019915.D
 Acq On : 23 May 2022 14:44
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV243

Quant Time: May 23 19:07:29 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)

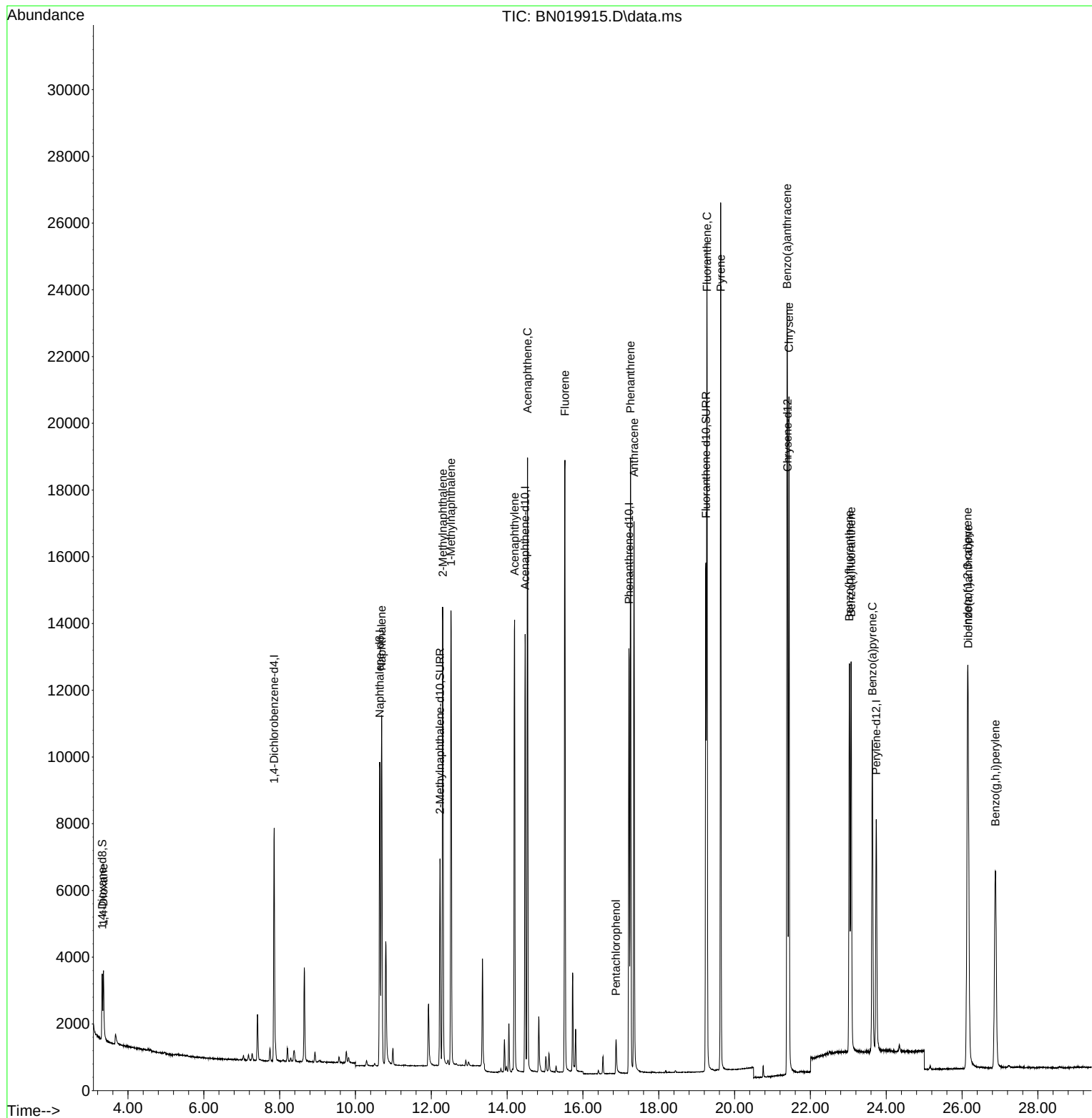
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	3686	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	12868	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	7726	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	15542	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	11986	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	9690	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1395	0.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	8417	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	17095	0.399	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	1284	0.358	ng/ul	92
5) Naphthalene	10.689	128	15095	0.374	ng/ul	99
7) 2-Methylnaphthalene	12.306	142	10270	0.384	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	9997	0.402	ng/ul#	100
10) Acenaphthylene	14.197	152	16205	0.368	ng/ul	99
11) Acenaphthene	14.539	153	11069	0.371	ng/ul	100
12) Fluorene	15.524	166	12356	0.370	ng/ul	100
14) Pentachlorophenol	16.871	266	863	0.333	ng/ul	91
15) Phenanthrene	17.255	178	19845	0.363	ng/ul	99
16) Anthracene	17.348	178	18512	0.361	ng/ul	99
19) Fluoranthene	19.272	202	21868	0.366	ng/ul	98
20) Pyrene	19.634	202	22352	0.368	ng/ul	99
21) Benzo(a)anthracene	21.382	228	18195	0.371	ng/ul	100
22) Chrysene	21.435	228	17898	0.362	ng/ul	99
24) Benzo(b)fluoranthene	23.028	252	15777	0.368	ng/ul	93
25) Benzo(k)fluoranthene	23.074	252	16140	0.387	ng/ul	98
26) Benzo(a)pyrene	23.633	252	14500	0.358	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.148	276	15479	0.364	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.161	278	12940	0.371	ng/ul#	81
29) Benzo(g,h,i)perylene	26.879	276	13615	0.375	ng/ul	97

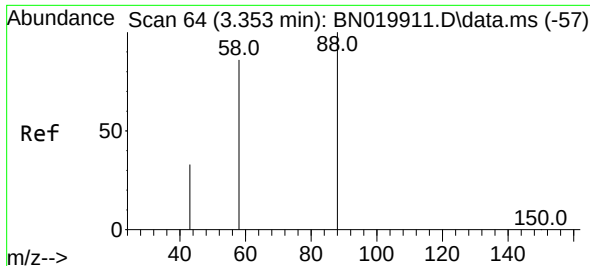
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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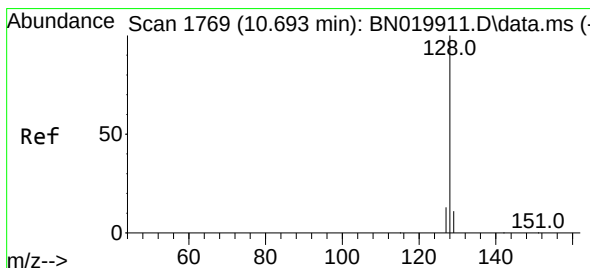
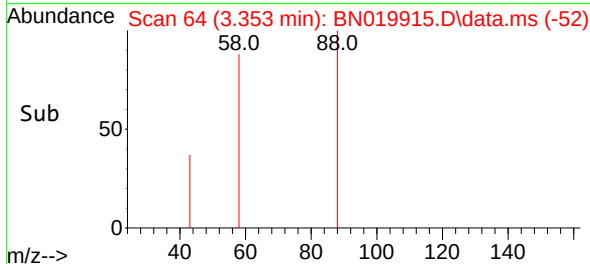
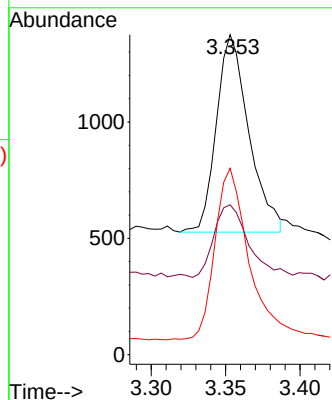
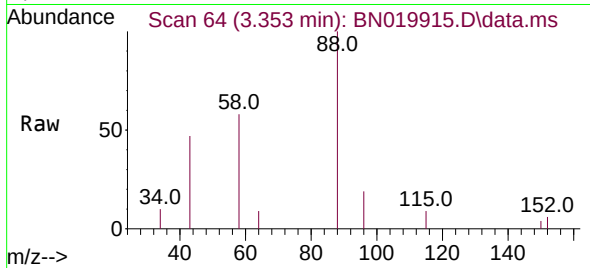




#2
 1,4-Dioxane
 Concen: 0.358 ng/ul
 RT: 3.353 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN019915.D
 Acq: 23 May 2022 14:44

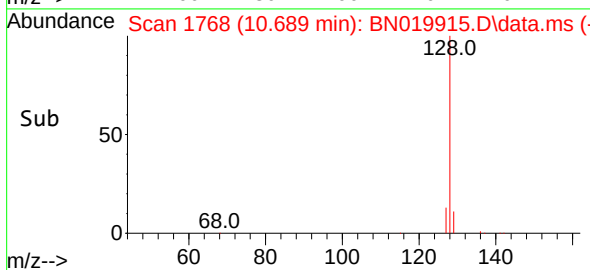
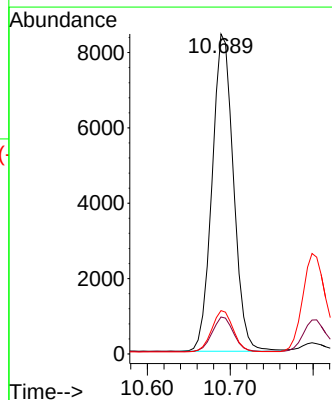
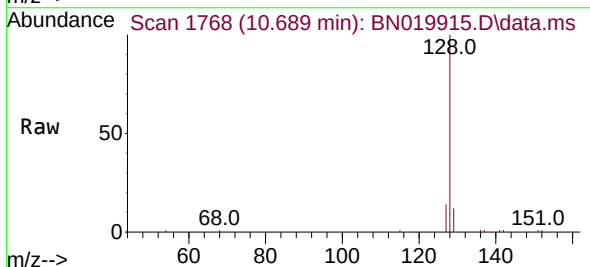
Instrument :
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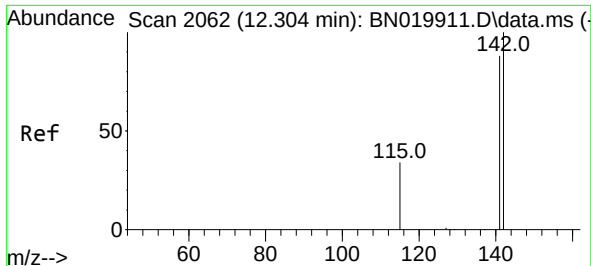
Tgt Ion: 88 Resp: 1284
 Ion Ratio Lower Upper
 88 100
 43 46.8 39.0 58.4
 58 58.3 39.8 59.8



#5
 Naphthalene
 Concen: 0.374 ng/ul
 RT: 10.689 min Scan# 1768
 Delta R.T. -0.004 min
 Lab File: BN019915.D
 Acq: 23 May 2022 14:44

Tgt Ion: 128 Resp: 15095
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.5 14.3
 127 13.6 11.0 16.4

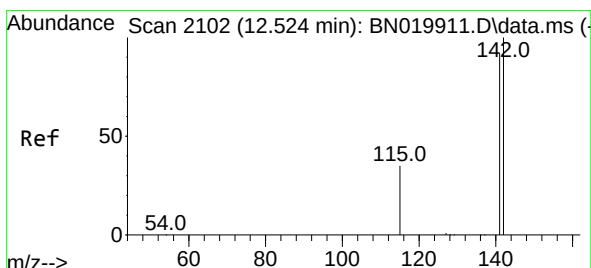
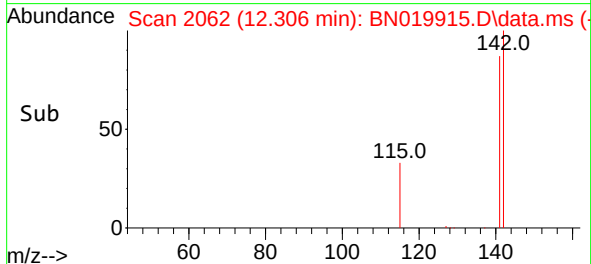
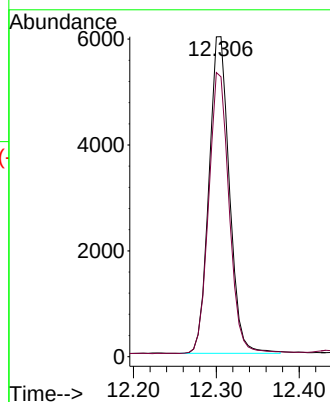
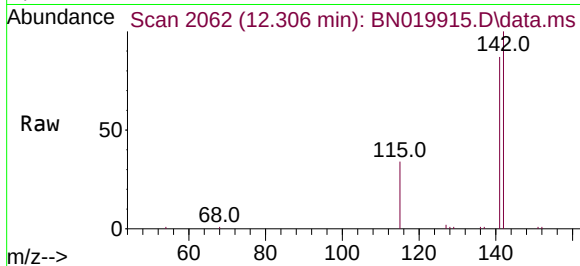




#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.306 min Scan# 2062
Delta R.T. 0.001 min
Lab File: BN019915.D
Acq: 23 May 2022 14:44

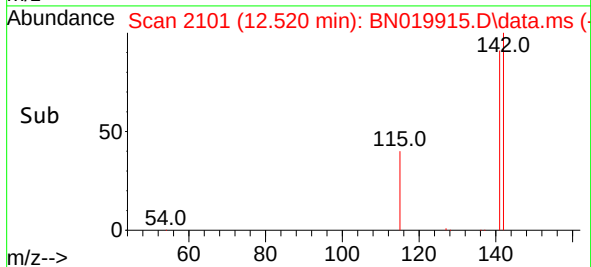
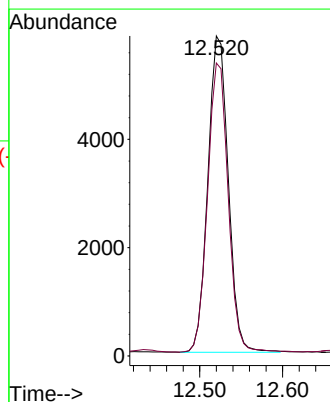
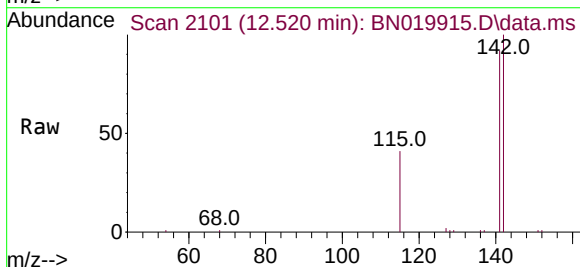
Instrument :
BNA_N
ClientSampleId :
SICV243

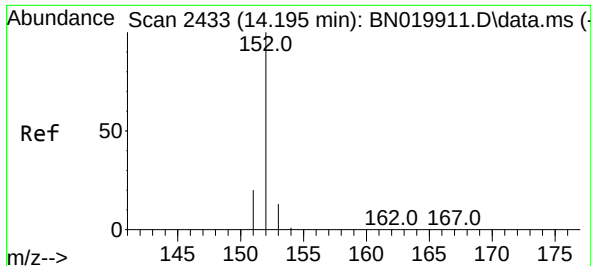
Tgt Ion:142 Resp: 10270
Ion Ratio Lower Upper
142 100
141 88.5 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019915.D
Acq: 23 May 2022 14:44

Tgt Ion:142 Resp: 9997
Ion Ratio Lower Upper
142 100
141 91.9 0.0 0.0#

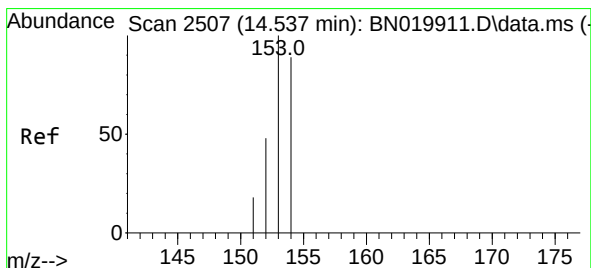
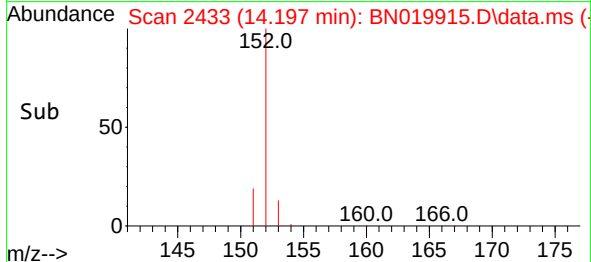
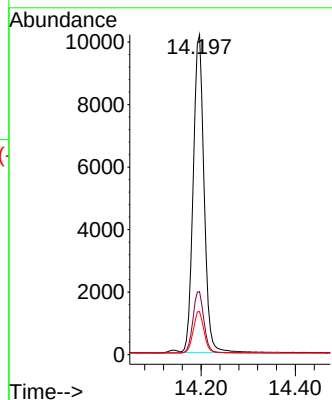
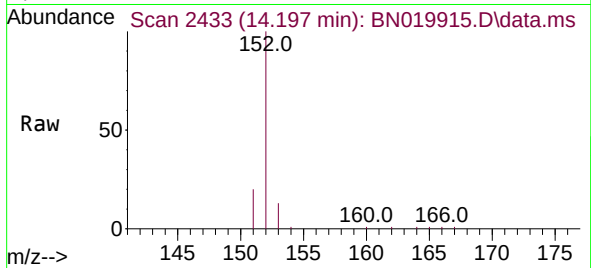




#10
Acenaphthylene
Concen: 0.368 ng/ul
RT: 14.197 min Scan# 2433
Delta R.T. 0.001 min
Lab File: BN019915.D
Acq: 23 May 2022 14:44

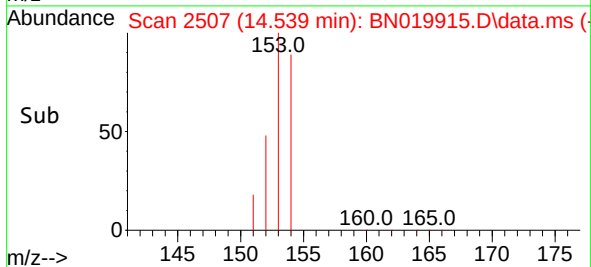
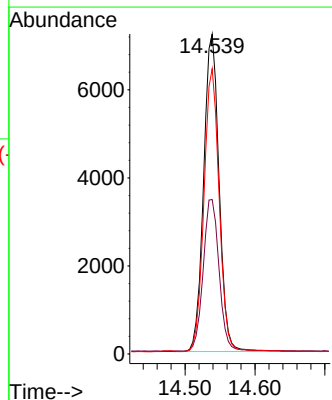
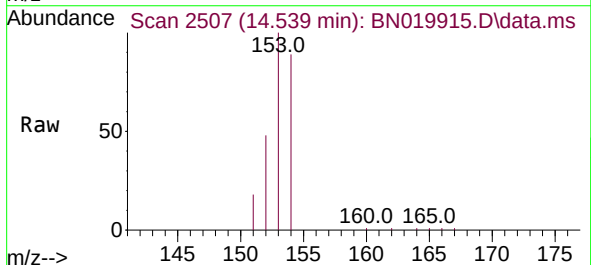
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BNA_N
ClientSampleId :
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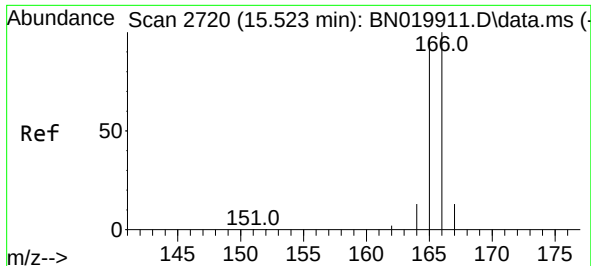
Tgt Ion:152 Resp: 16205
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. 0.001 min
Lab File: BN019915.D
Acq: 23 May 2022 14:44

Tgt Ion:153 Resp: 11069
Ion Ratio Lower Upper
153 100
152 48.2 38.6 57.8
154 89.2 71.2 106.8

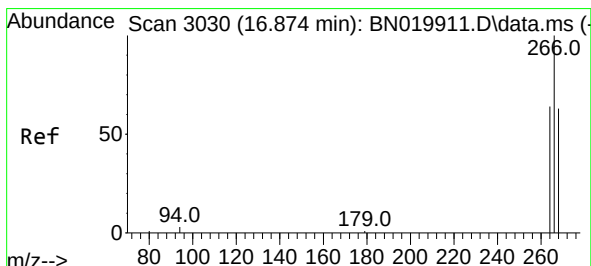
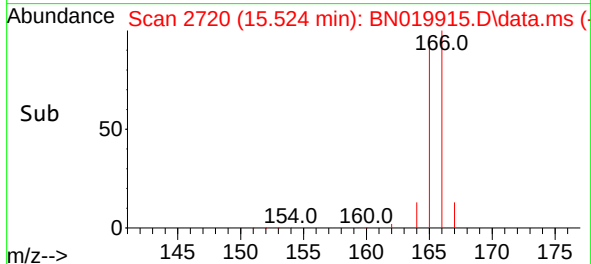
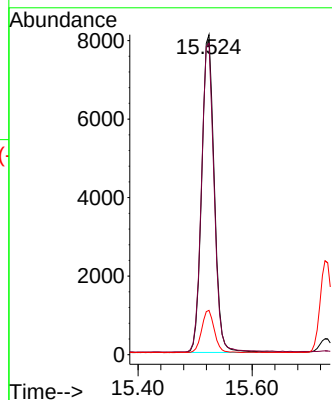
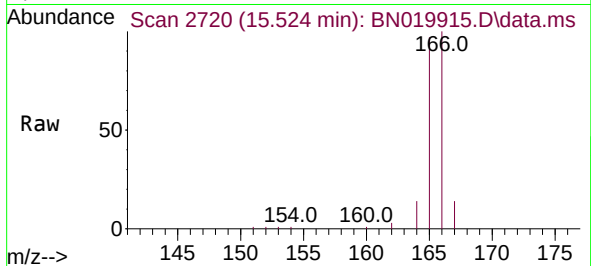




#12
Fluorene
Concen: 0.370 ng/ul
RT: 15.524 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN019915.D
Acq: 23 May 2022 14:44

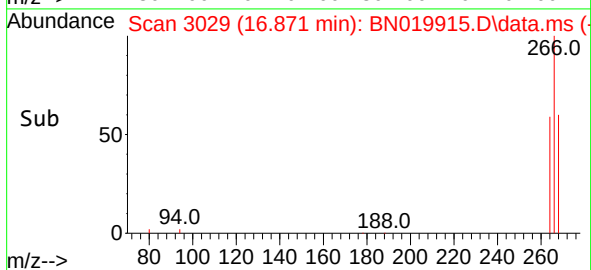
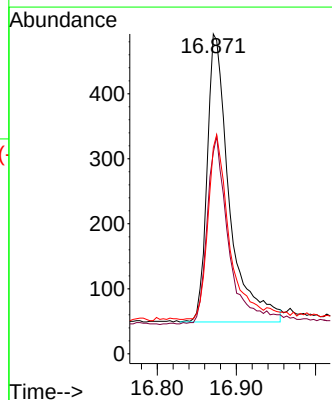
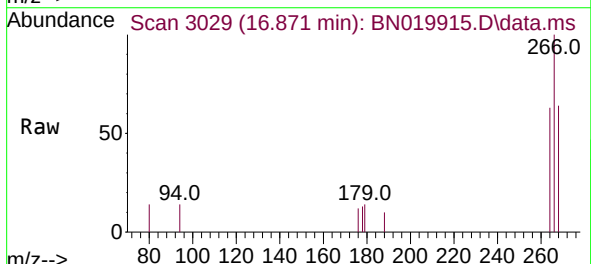
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ClientSampleId :
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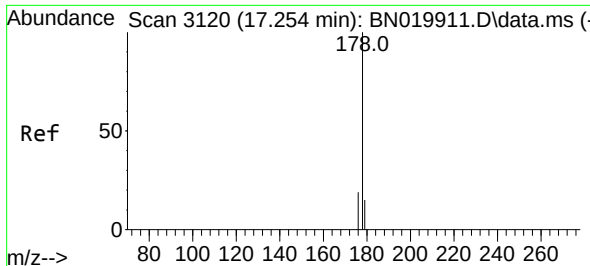
Tgt Ion:166 Resp: 12356
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.2
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.333 ng/ul
RT: 16.871 min Scan# 3029
Delta R.T. -0.003 min
Lab File: BN019915.D
Acq: 23 May 2022 14:44

Tgt Ion:266 Resp: 863
Ion Ratio Lower Upper
266 100
264 63.0 44.9 67.3
268 62.7 44.6 67.0

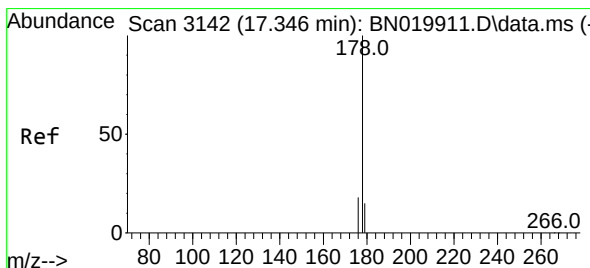
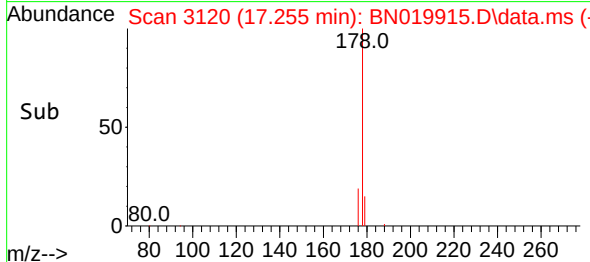
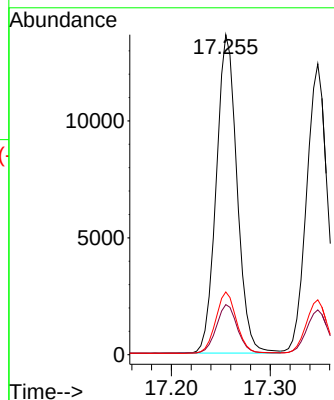
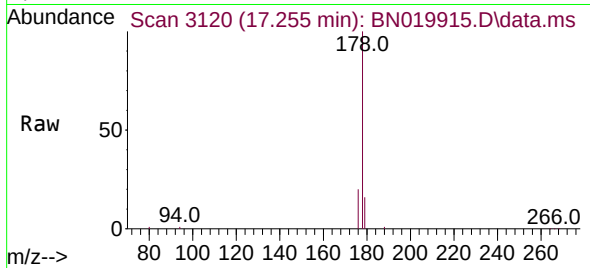




#15
Phenanthrene
Concen: 0.363 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BN019915.D
Acq: 23 May 2022 14:44

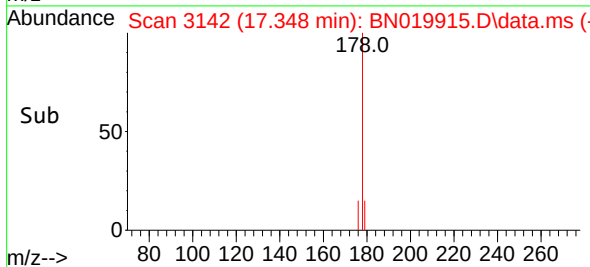
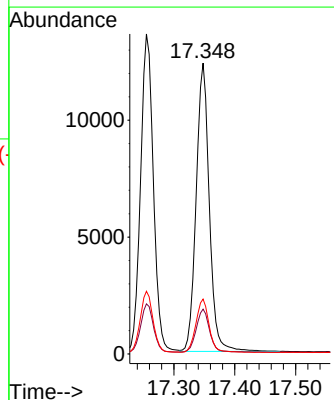
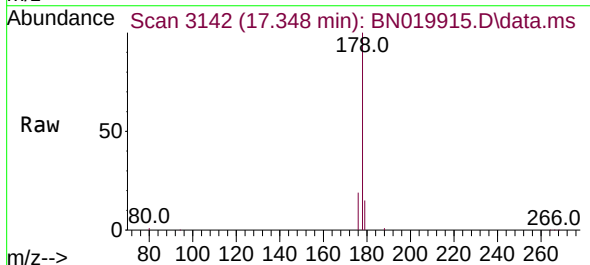
Instrument :
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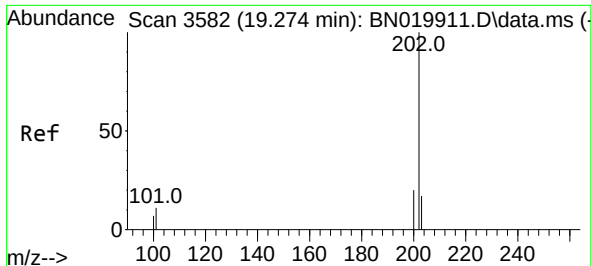
Tgt Ion:178 Resp: 19845
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.6 15.5 23.3



#16
Anthracene
Concen: 0.361 ng/ul
RT: 17.348 min Scan# 3142
Delta R.T. 0.001 min
Lab File: BN019915.D
Acq: 23 May 2022 14:44

Tgt Ion:178 Resp: 18512
Ion Ratio Lower Upper
178 100
179 15.4 13.1 19.7
176 18.9 15.3 22.9





#19

Fluoranthene

Concen: 0.366 ng/u1

RT: 19.272 min Scan# 3581

Delta R.T. -0.003 min

Lab File: BN019915.D

Acq: 23 May 2022 14:44

Instrument :

BNA_N

ClientSampleId :

SICV243

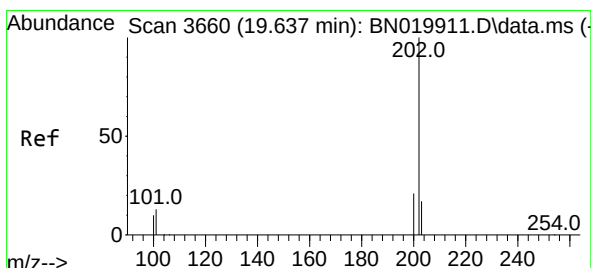
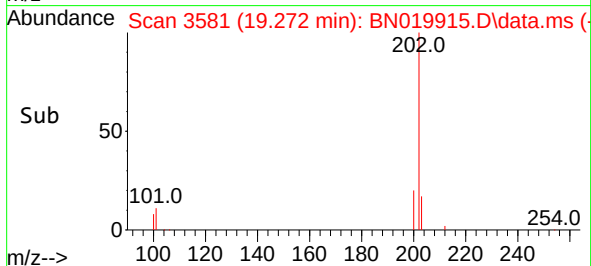
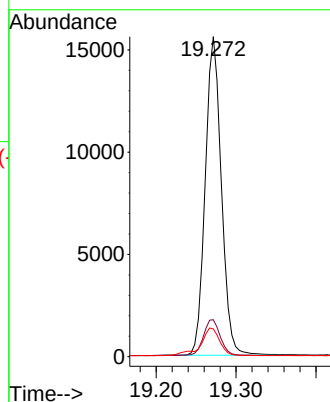
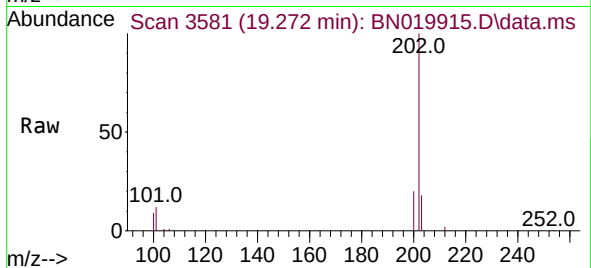
Tgt Ion:202 Resp: 21868

Ion Ratio Lower Upper

202 100

101 11.6 9.7 14.5

100 8.7 7.4 11.2



#20

Pyrene

Concen: 0.368 ng/u1

RT: 19.634 min Scan# 3659

Delta R.T. -0.003 min

Lab File: BN019915.D

Acq: 23 May 2022 14:44

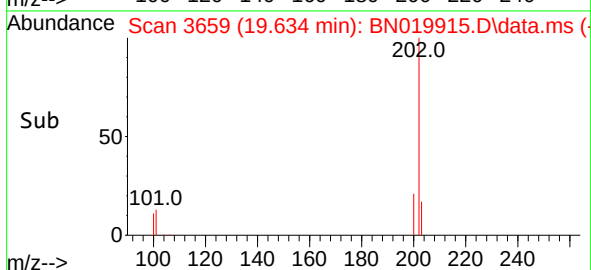
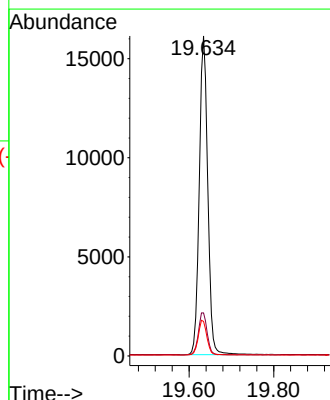
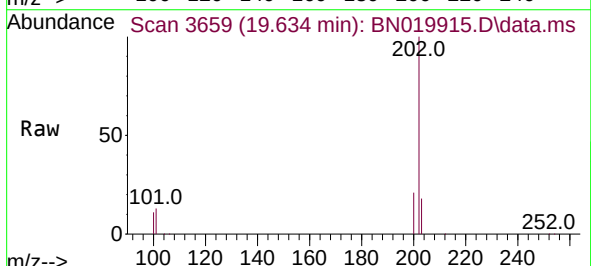
Tgt Ion:202 Resp: 22352

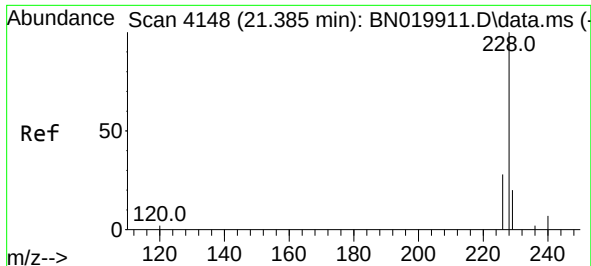
Ion Ratio Lower Upper

202 100

101 13.5 11.4 17.0

100 10.8 9.0 13.4

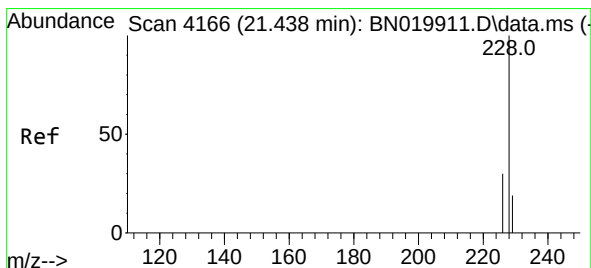
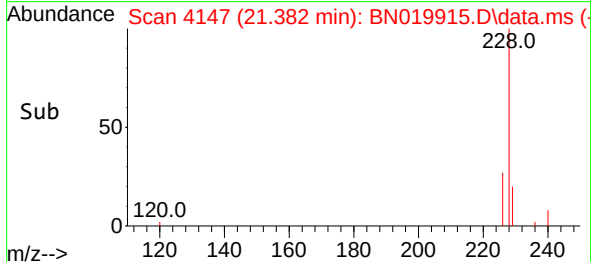
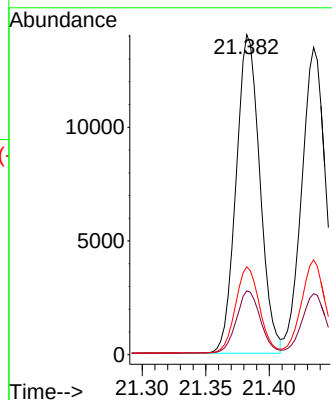
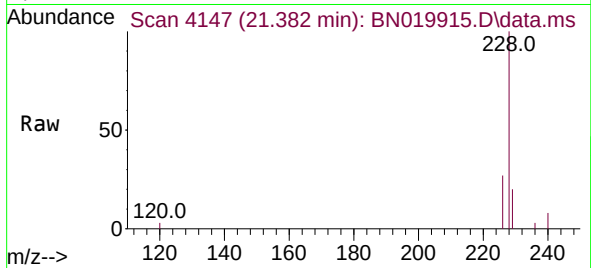




#21
Benzo(a)anthracene
Concen: 0.371 ng/ul
RT: 21.382 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BN019915.D
Acq: 23 May 2022 14:44

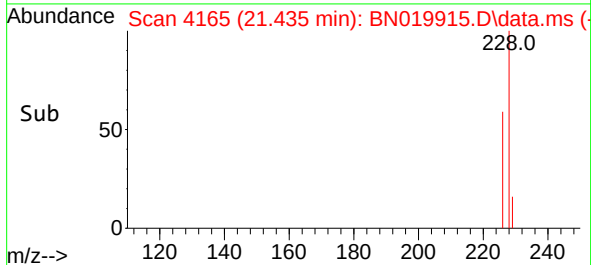
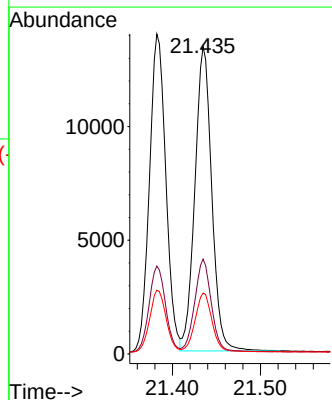
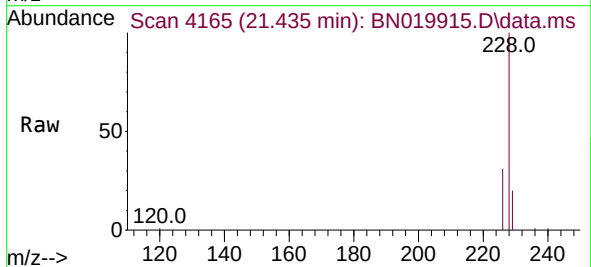
Instrument :
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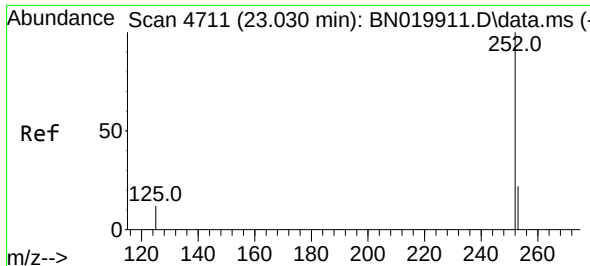
Tgt Ion:228 Resp: 18195
Ion Ratio Lower Upper
228 100
229 19.9 16.1 24.1
226 27.4 22.1 33.1



#22
Chrysene
Concen: 0.362 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BN019915.D
Acq: 23 May 2022 14:44

Tgt Ion:228 Resp: 17898
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 19.8 16.0 24.0

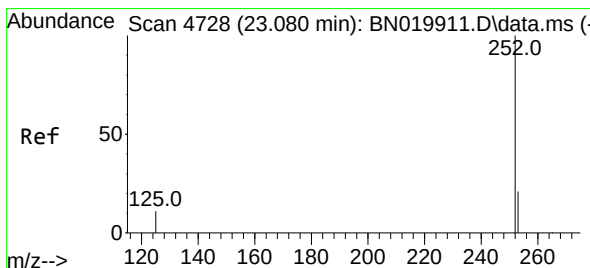
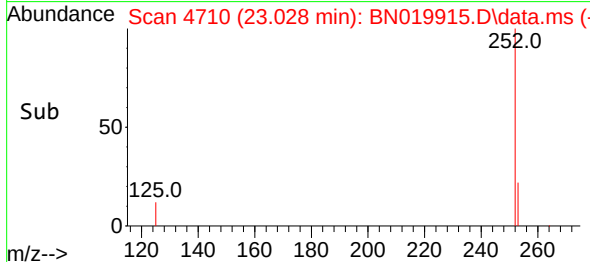
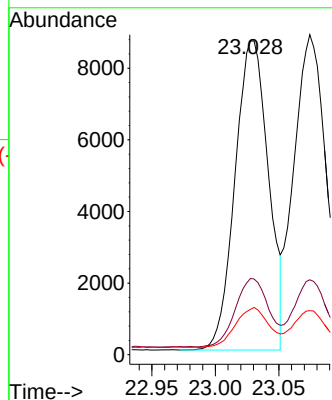
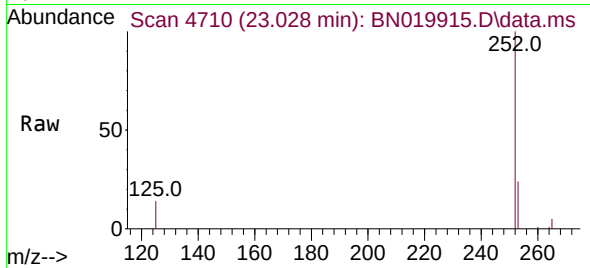




#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 23.028 min Scan# 4710
Delta R.T. -0.003 min
Lab File: BN019915.D
Acq: 23 May 2022 14:44

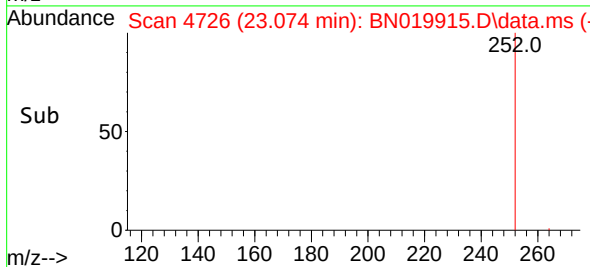
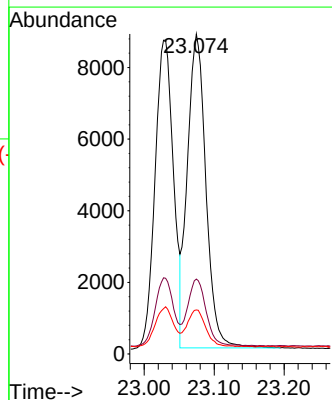
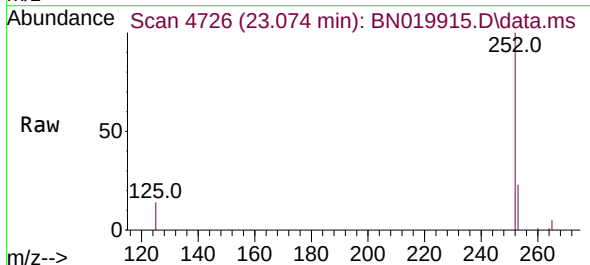
Instrument :
BNA_N
ClientSampleId :
SICV243

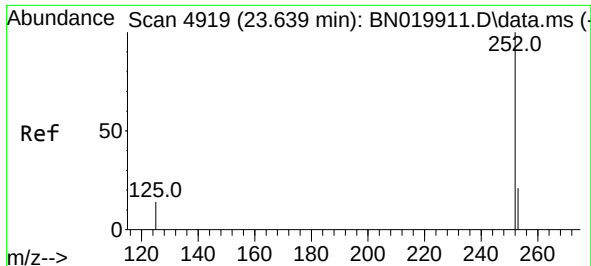
Tgt Ion:252 Resp: 15777
Ion Ratio Lower Upper
252 100
253 24.3 0.0 52.0
125 14.4 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.387 ng/ul
RT: 23.074 min Scan# 4726
Delta R.T. -0.006 min
Lab File: BN019915.D
Acq: 23 May 2022 14:44

Tgt Ion:252 Resp: 16140
Ion Ratio Lower Upper
252 100
253 23.4 20.2 30.2
125 13.8 11.0 16.6

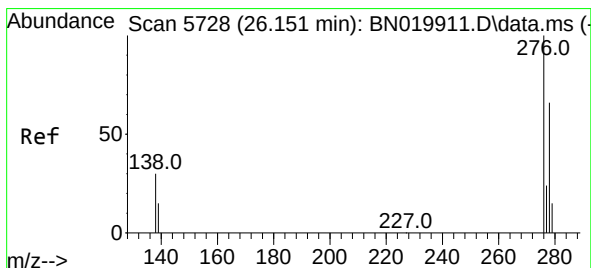
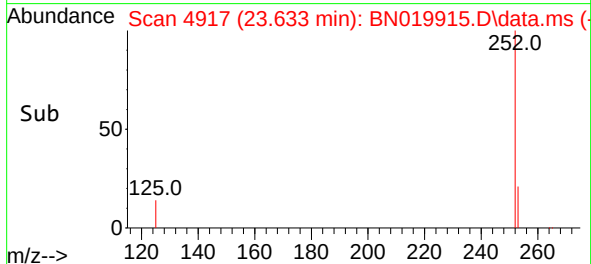
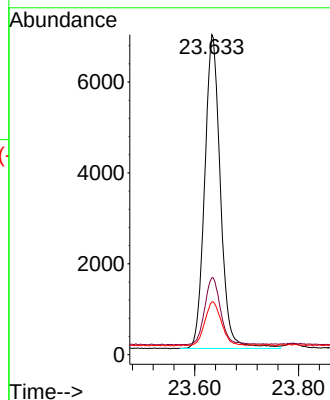
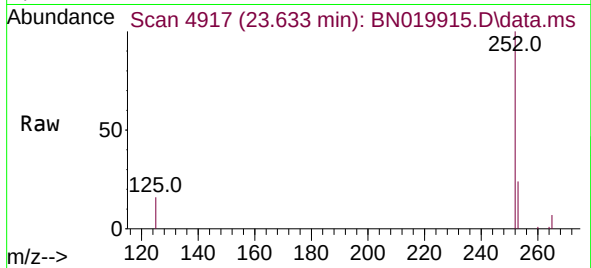




#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.633 min Scan# 4919
Delta R.T. -0.006 min
Lab File: BN019915.D
Acq: 23 May 2022 14:44

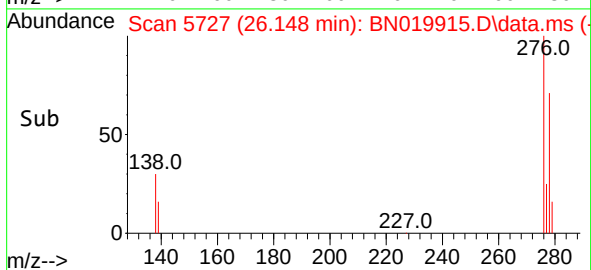
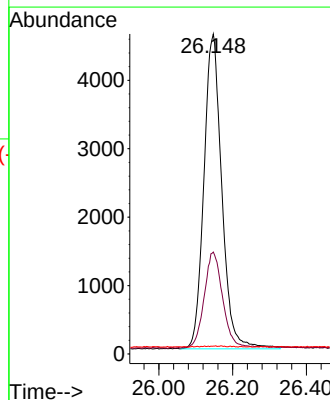
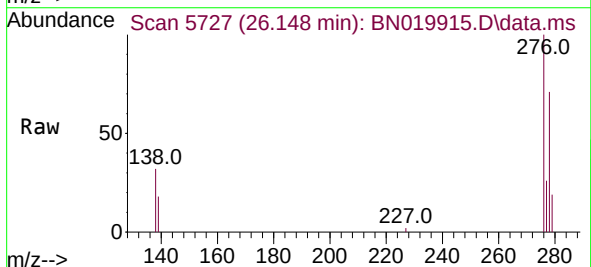
Instrument :
BNA_N
ClientSampleId :
SICV243

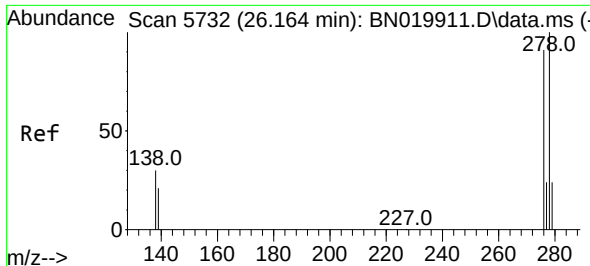
Tgt Ion:252 Resp: 14500
Ion Ratio Lower Upper
252 100
253 24.0 23.4 35.0
125 16.4 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng/ul
RT: 26.148 min Scan# 5727
Delta R.T. -0.003 min
Lab File: BN019915.D
Acq: 23 May 2022 14:44

Tgt Ion:276 Resp: 15479
Ion Ratio Lower Upper
276 100
138 31.5 23.6 35.4
227 0.1 0.0 0.0#

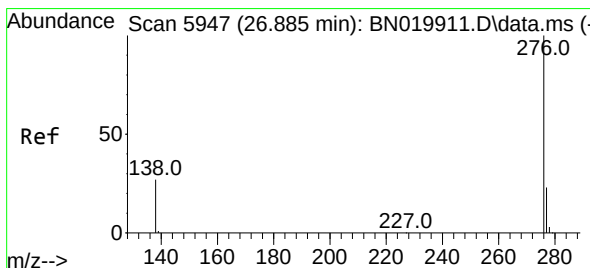
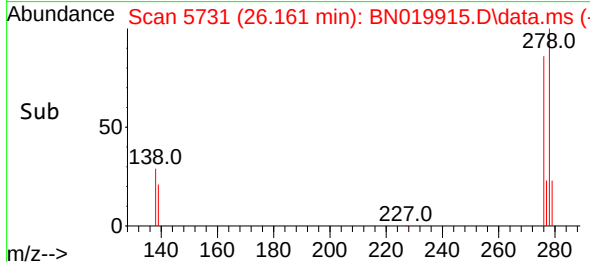
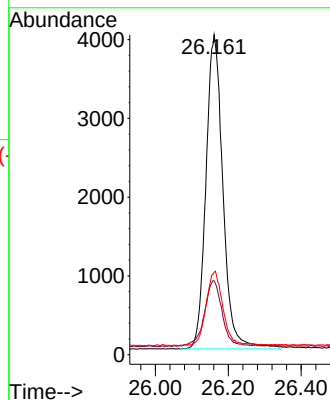
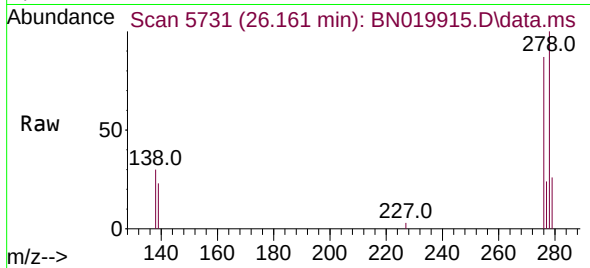




#28
Dibenzo(a,h)anthracene
Concen: 0.371 ng/ul
RT: 26.161 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN019915.D
Acq: 23 May 2022 14:44

Instrument :
BNA_N
ClientSampleId :
SICV243

Tgt Ion:278 Resp: 12940
Ion Ratio Lower Upper
278 100
139 23.0 18.6 28.0
279 25.7 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 26.879 min Scan# 5945
Delta R.T. -0.007 min
Lab File: BN019915.D
Acq: 23 May 2022 14:44

Tgt Ion:276 Resp: 13615
Ion Ratio Lower Upper
276 100
138 28.7 20.9 31.3
277 24.8 20.4 30.6

