

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012321\
 Data File : BN013465.D
 Acq On : 22 Jan 2021 21:11
 Operator : CG/JU
 Sample : SSTDO.204
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDO.2004

Quant Time: Jan 23 01:16:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN012321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 23 01:14:24 2021
 Response via : Initial Calibration

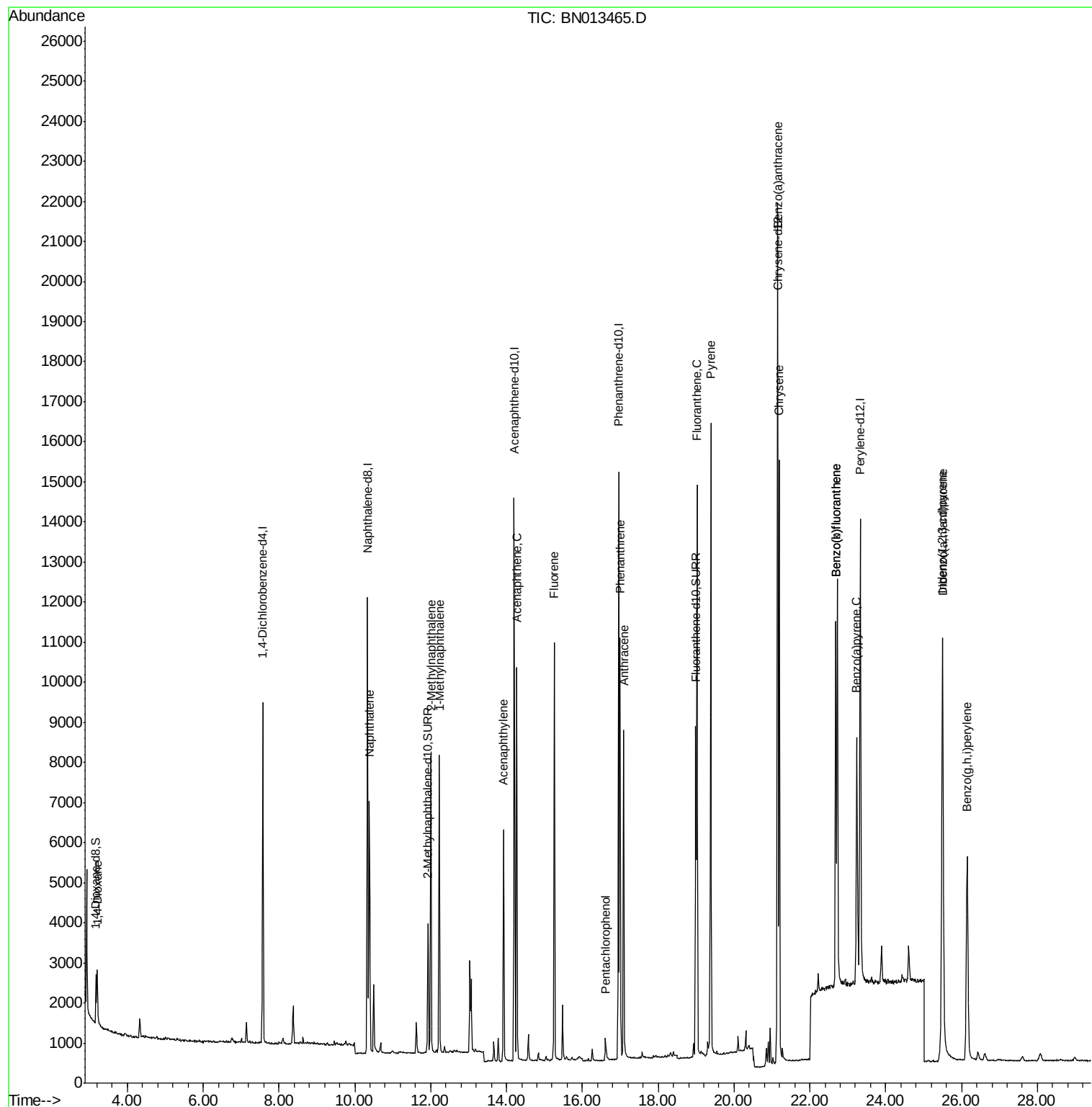
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4097	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	14978	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.21	164	7844	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	16997	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	16412	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	15104	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	863	0.19	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	4245	0.19	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	8838	0.18	ng/ul	0.00
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.21	88	824	0.159	ng/ul#	86
5) Naphthalene	10.38	128	8281	0.196	ng/ul	100
7) 2-Methylnaphthalene	12.01	142	5313	0.190	ng/ul	98
8) 1-Methylnaphthalene	12.23	142	5162	0.194	ng/ul	100
10) Acenaphthylene	13.92	152	6484	0.205	ng/ul	98
11) Acenaphthene	14.27	153	5572	0.200	ng/ul	100
12) Fluorene	15.26	166	6254	0.198	ng/ul	97
14) Pentachlorophenol	16.61	266	522	0.121	ng/ul	97
15) Phenanthrene	17.00	178	10860	0.208	ng/ul	99
16) Anthracene	17.09	178	8934	0.195	ng/ul	98
19) Fluoranthene	19.02	202	12341	0.191	ng/ul	99
20) Pyrene	19.39	202	12935	0.201	ng/ul	99
21) Benzo(a)anthracene	21.14	228	11542	0.213	ng/ul	100
22) Chrysene	21.19	228	12388	0.213	ng/ul	100
24) Benzo(b)fluoranthene	22.68	252	11184	0.184	ng/ul	94
25) Benzo(k)fluoranthene	22.68	252	11184	0.192	ng/ul	95
26) Benzo(a)pyrene	23.24	252	9888	0.197	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.49	276	12933	0.212	ng/ul#	80
28) Dibenzo(a,h)anthracene	25.51	278	10390	0.204	ng/ul	97
29) Benzo(a,h,i)perylene	26.15	276	10918	0.206	ng/ul	97

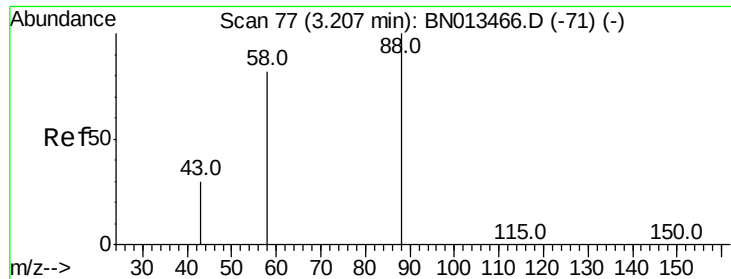
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012321\
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#2

1,4-Dioxane

Concen: 0.159 ng/ul

RT: 3.21 min Scan# 77

Delta R.T. 0.00 min

Lab File: BN013465.D

Acq: 22 Jan 2021 21:11

Instrument :

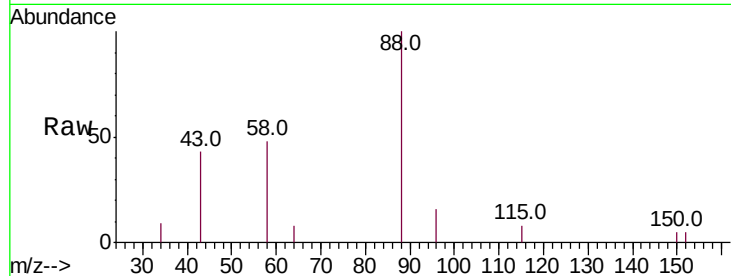
BNA_N

ClientSampleId :

SSTD0.2004

Tot Ion: 88 Resp: 824

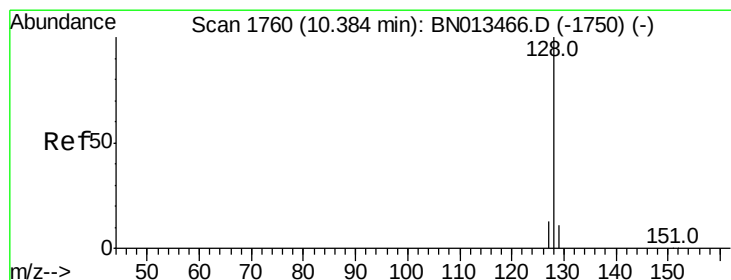
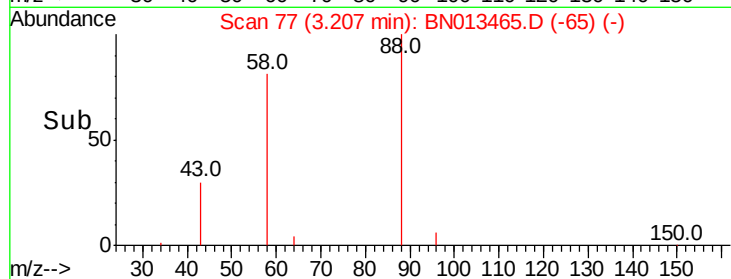
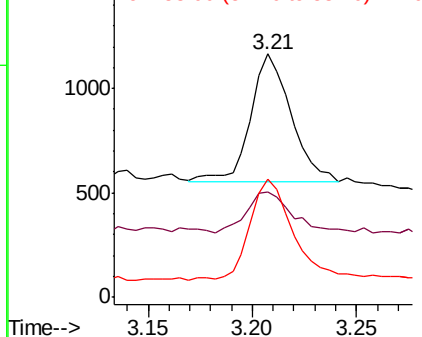
Ion	Ratio	Lower	Upper
88	100		
43	43.1	26.9	40.3#
58	48.4	45.8	68.6



Abundance Ion 88.00 (87.70 to 88.70): BN013466.D (-71) (-)

Ion 43.00 (42.70 to 43.70): BN013466.D (-71) (-)

Ion 58.00 (57.70 to 58.70): BN013466.D (-71) (-)



#5

Naphthalene

Concen: 0.196 ng/ul

RT: 10.38 min Scan# 1760

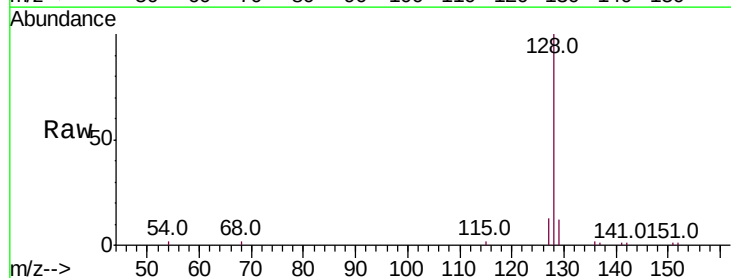
Delta R.T. 0.00 min

Lab File: BN013465.D

Acq: 22 Jan 2021 21:11

Tgt Ion: 128 Resp: 8281

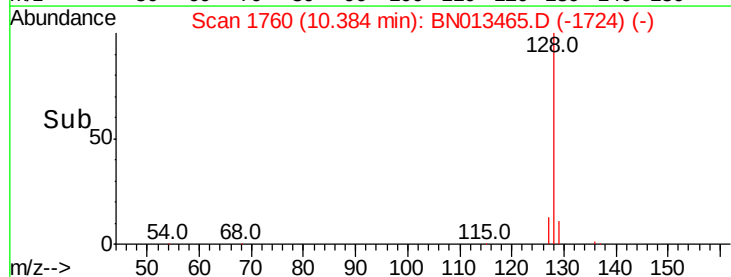
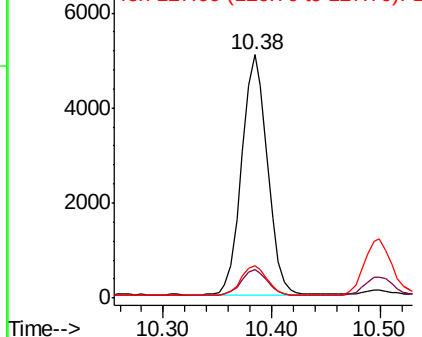
Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.2	13.8
127	13.4	10.7	16.1

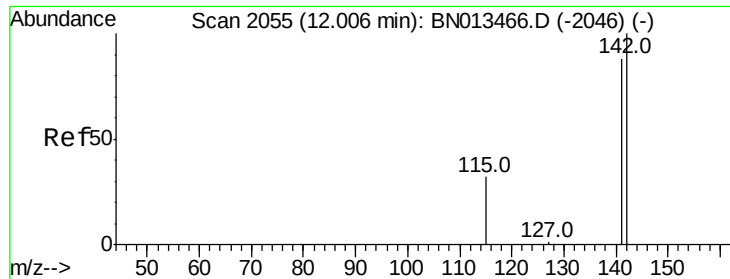


Abundance Ion 128.00 (127.70 to 128.70): BN013466.D (-1750) (-)

Ion 129.00 (128.70 to 129.70): BN013466.D (-1750) (-)

Ion 127.00 (126.70 to 127.70): BN013466.D (-1750) (-)





#7

2-Methylnaphthalene

Concen: 0.190 ng/ul

RT: 12.01 min Scan# 2055

Delta R.T. 0.00 min

Lab File: BN013465.D

Acq: 22 Jan 2021 21:11

Instrument :

BNA_N

ClientSampleId :

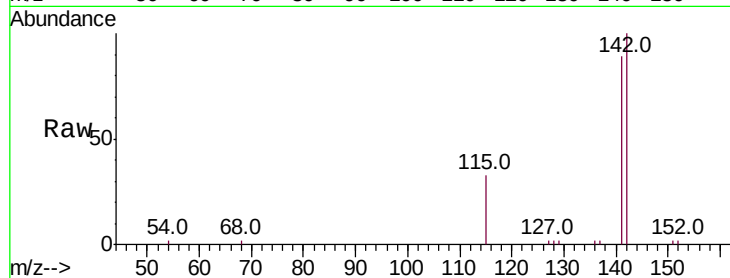
SSTD0.2004

Tot Ion:142 Resp: 5313

Ion Ratio Lower Upper

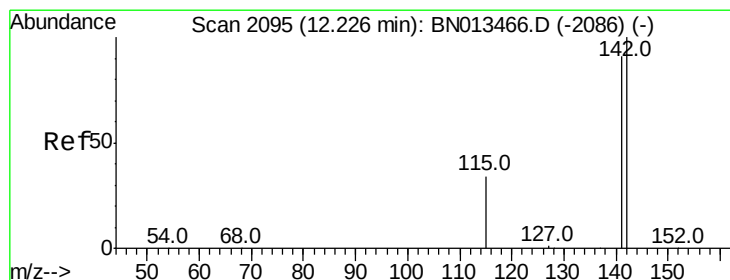
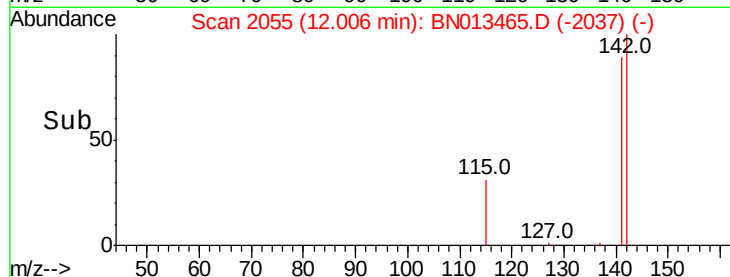
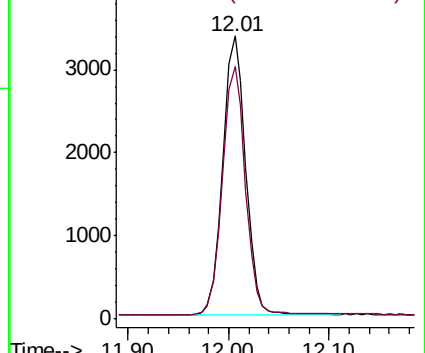
142 100

141 90.3 70.9 106.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#8

1-Methylnaphthalene

Concen: 0.194 ng/ul

RT: 12.23 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BN013465.D

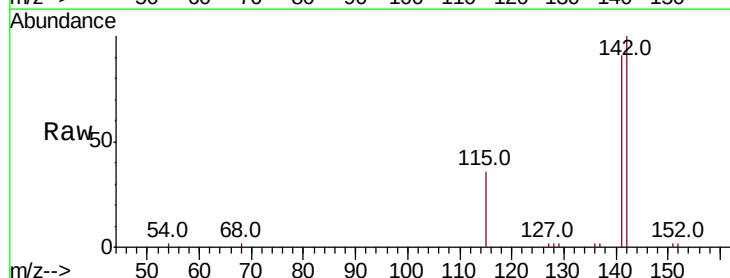
Acq: 22 Jan 2021 21:11

Tgt Ion:142 Resp: 5162

Ion Ratio Lower Upper

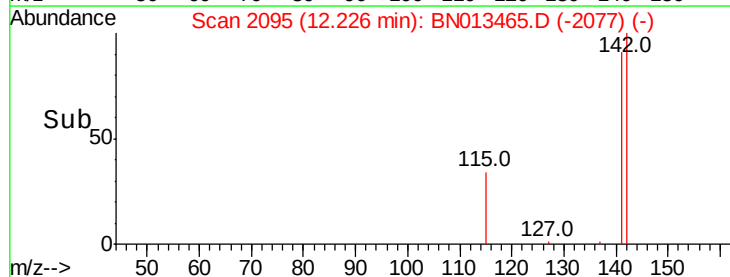
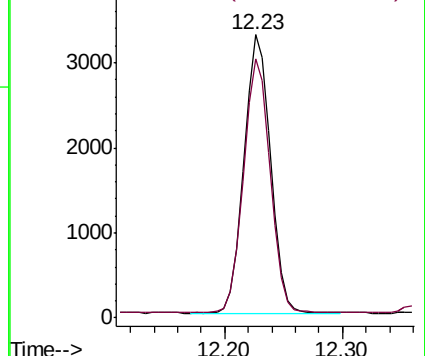
142 100

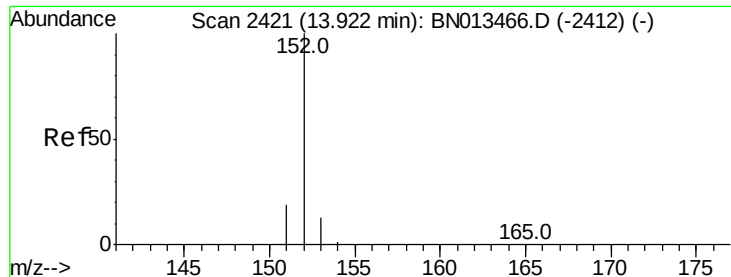
141 91.9 73.3 109.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthylene

Concen: 0.205 ng/ul

RT: 13.92 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BN013465.D

Acq: 22 Jan 2021 21:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.2004

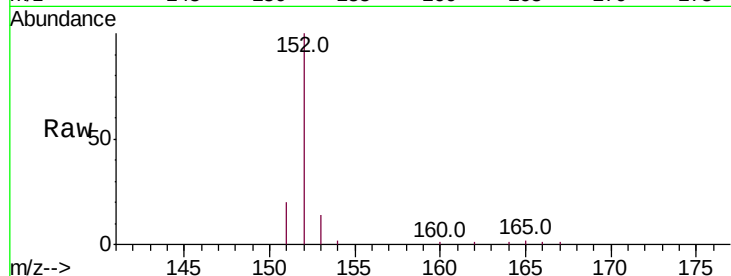
Tot Ion:152 Resp: 6484

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.6

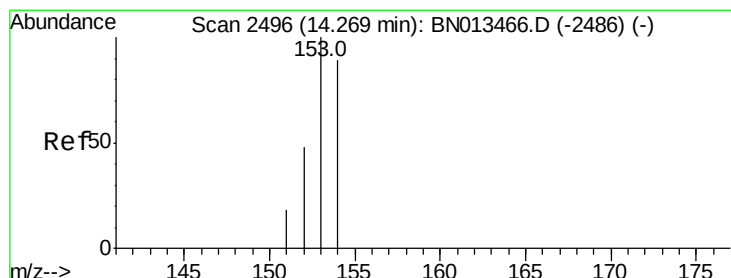
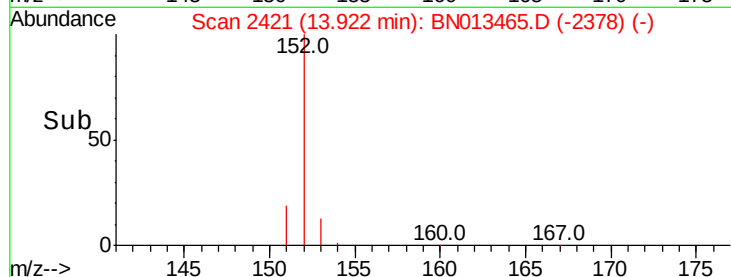
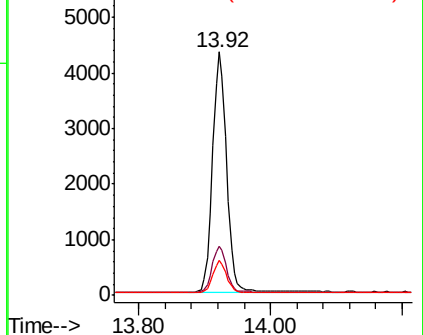
153 14.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#11

Acenaphthene

Concen: 0.200 ng/ul

RT: 14.27 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BN013465.D

Acq: 22 Jan 2021 21:11

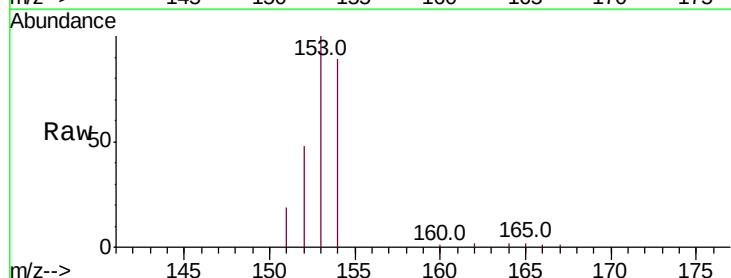
Tgt Ion:153 Resp: 5572

Ion Ratio Lower Upper

153 100

152 48.3 38.9 58.3

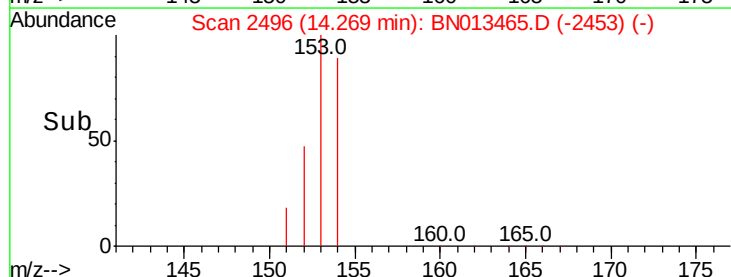
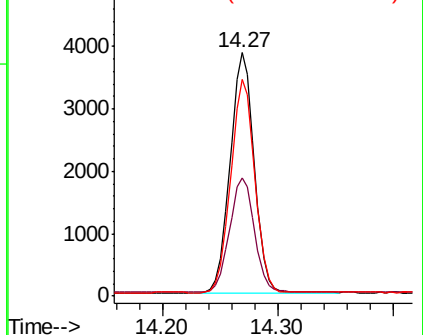
154 89.2 71.0 106.6

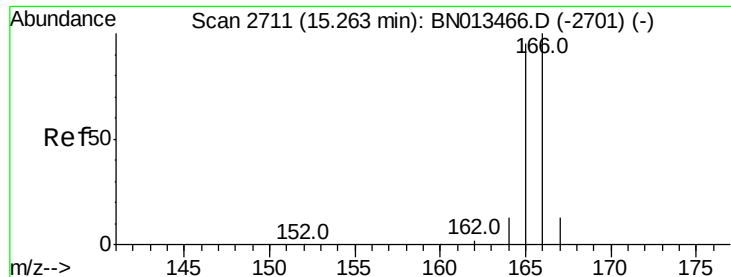


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

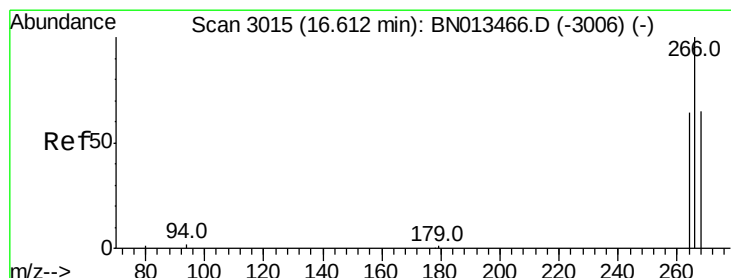
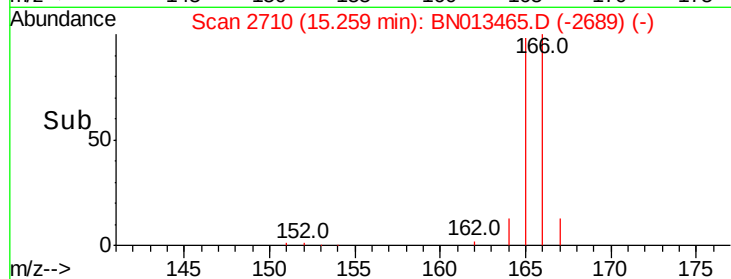
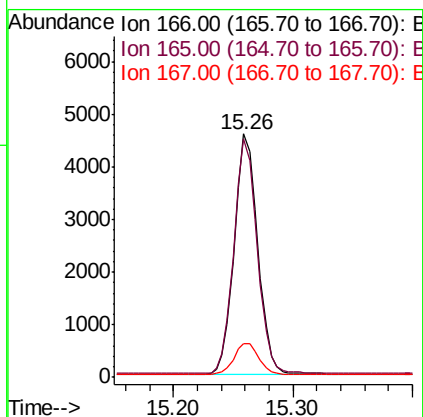
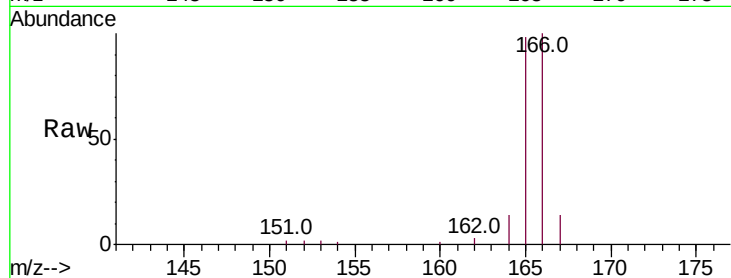




#12
Fluorene
Concen: 0.198 ng/ul
RT: 15.26 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BN013465.D
Acq: 22 Jan 2021 21:11

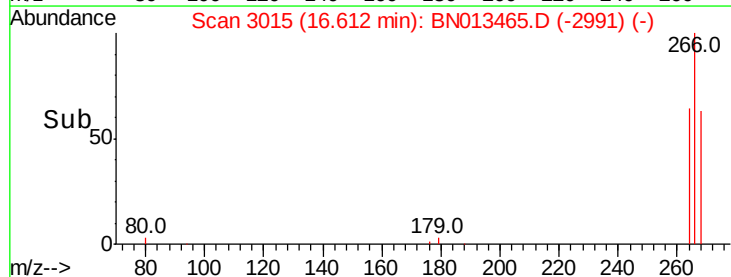
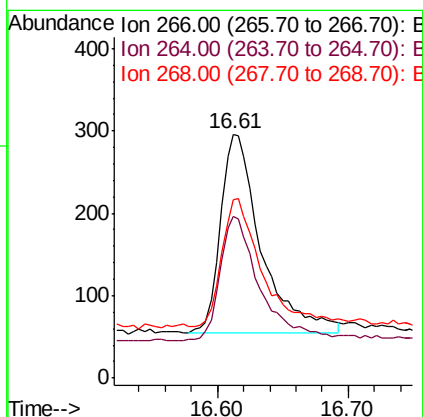
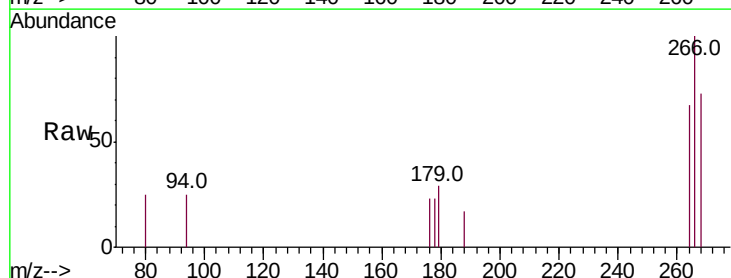
Instrument :
BNA_N
ClientSampleId :
SSTD0.2004

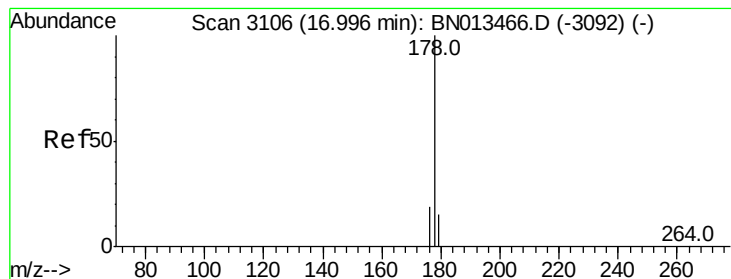
Tot Ion:166 Resp: 6254
Ion Ratio Lower Upper
166 100
165 97.9 76.1 114.1
167 14.1 11.0 16.6



#14
Pentachlorophenol
Concen: 0.121 ng/ul
RT: 16.61 min Scan# 3015
Delta R.T. 0.00 min
Lab File: BN013465.D
Acq: 22 Jan 2021 21:11

Tgt Ion:266 Resp: 522
Ion Ratio Lower Upper
266 100
264 60.5 50.0 75.0
268 63.8 52.6 79.0





#15

Phenanthrene

Concen: 0.208 ng/ul

RT: 17.00 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN013465.D

Acq: 22 Jan 2021 21:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.2004

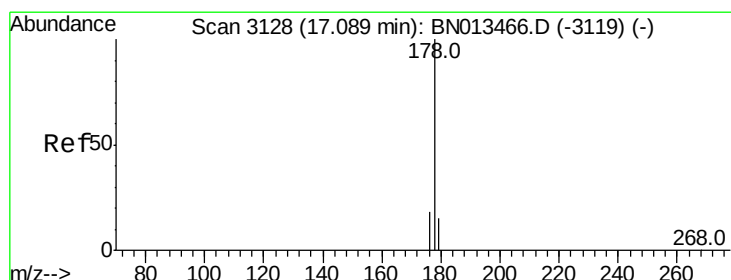
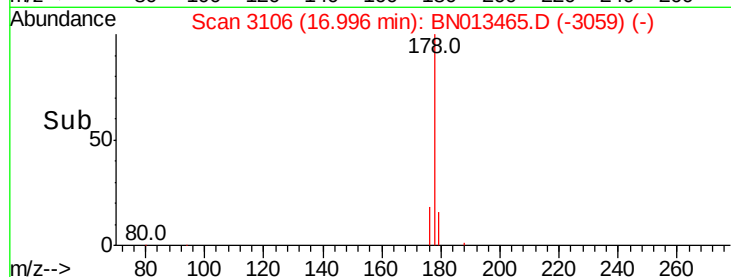
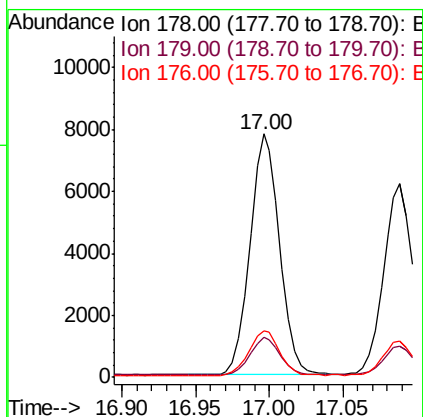
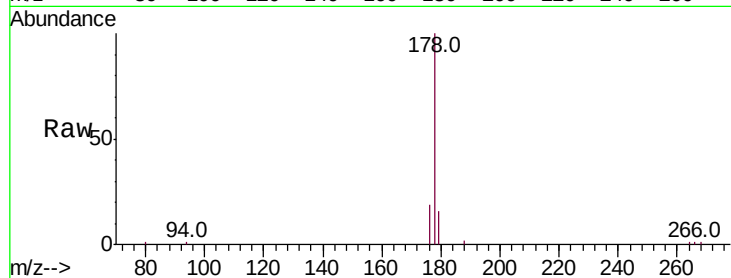
Tot Ion:178 Resp: 10860

Ion Ratio Lower Upper

178 100

179 16.5 12.3 18.5

176 19.1 15.4 23.0



#16

Anthracene

Concen: 0.195 ng/ul

RT: 17.09 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BN013465.D

Acq: 22 Jan 2021 21:11

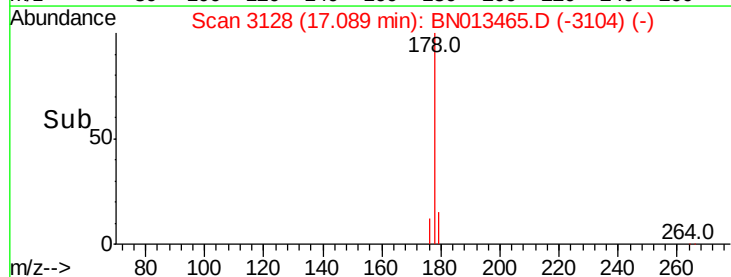
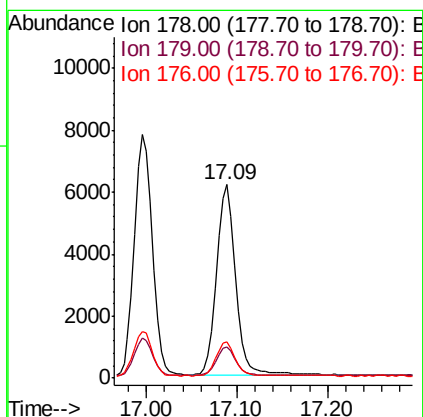
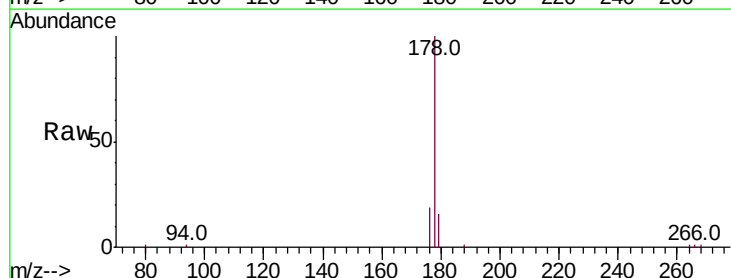
Tgt Ion:178 Resp: 8934

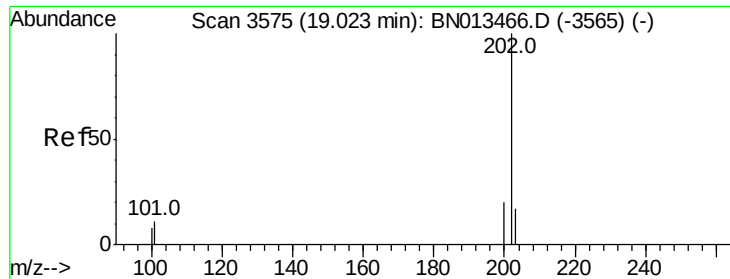
Ion Ratio Lower Upper

178 100

179 16.4 12.6 18.8

176 18.7 14.4 21.6





#19

Fluoranthene

Concen: 0.191 ng/ul

RT: 19.02 min Scan# 3575

Delta R.T. 0.00 min

Lab File: BN013465.D

Acq: 22 Jan 2021 21:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.2004

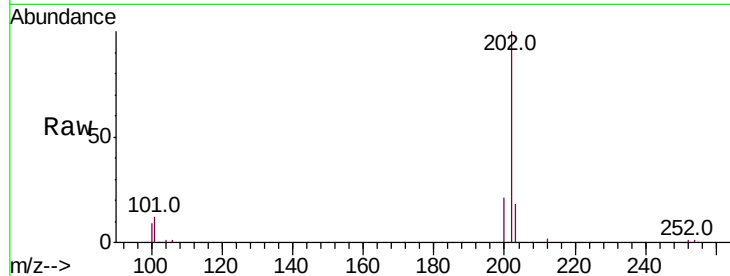
Tot Ion:202 Resp: 12341

Ion Ratio Lower Upper

202 100

101 11.6 8.9 13.3

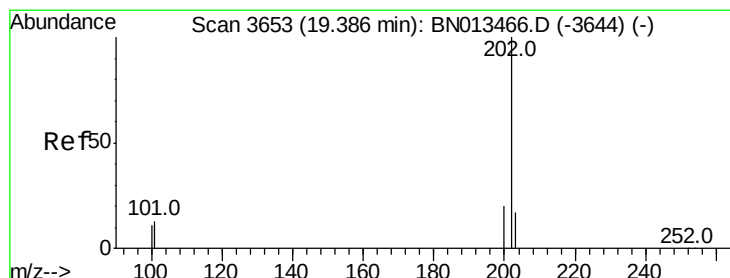
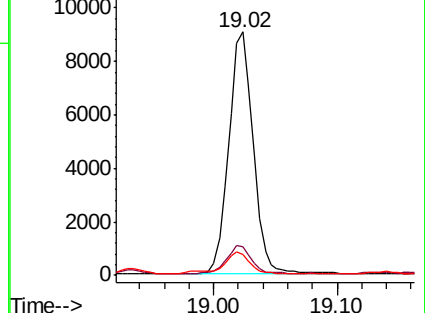
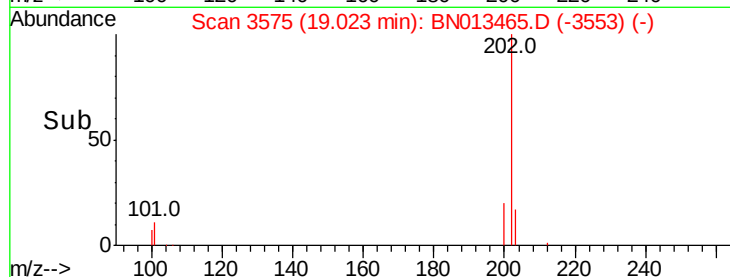
100 8.8 6.6 10.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#20

Pyrene

Concen: 0.201 ng/ul

RT: 19.39 min Scan# 3653

Delta R.T. 0.00 min

Lab File: BN013465.D

Acq: 22 Jan 2021 21:11

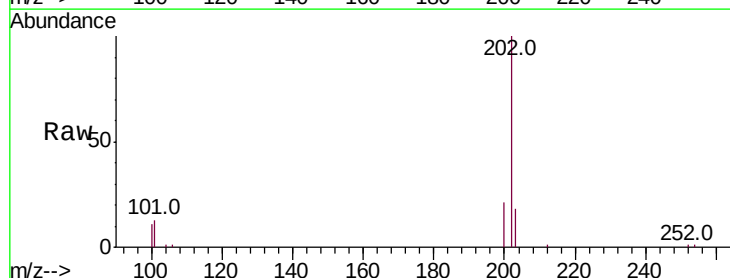
Tgt Ion:202 Resp: 12935

Ion Ratio Lower Upper

202 100

101 13.5 10.3 15.5

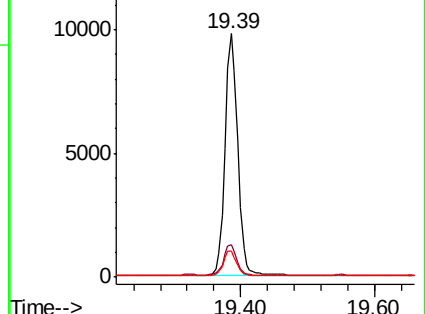
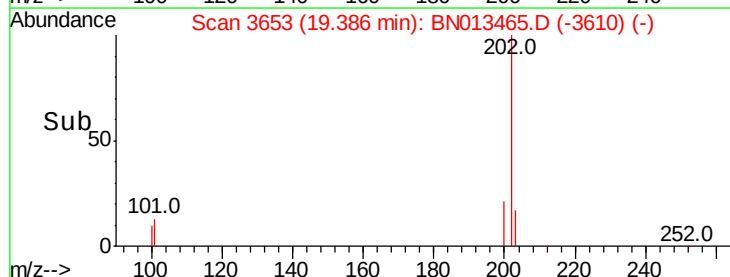
100 10.9 8.6 13.0

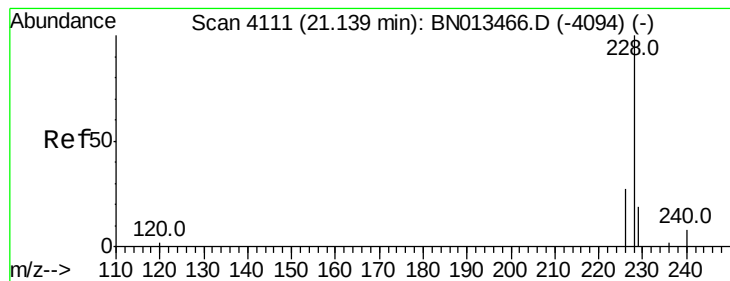


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 0.213 ng/ul

RT: 21.14 min Scan# 4111

Delta R.T. 0.00 min

Lab File: BN013465.D

Acq: 22 Jan 2021 21:11

Instrument :

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ClientSampleId :

SSTD0.2004

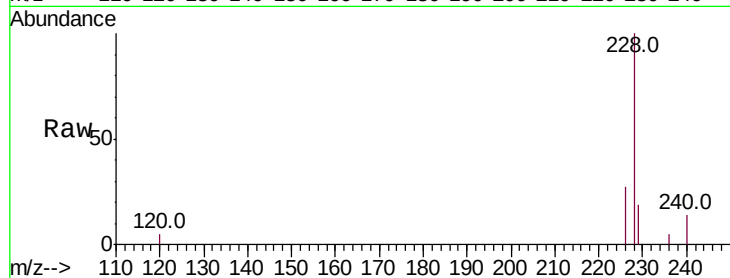
Tot Ion:228 Resp: 11542

Ion Ratio Lower Upper

228 100

229 19.5 15.5 23.3

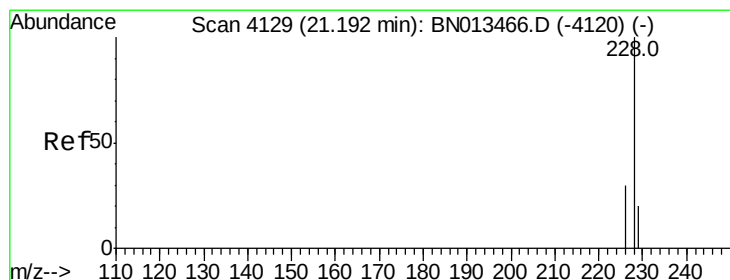
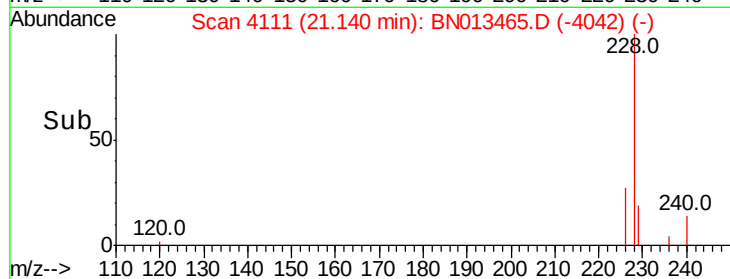
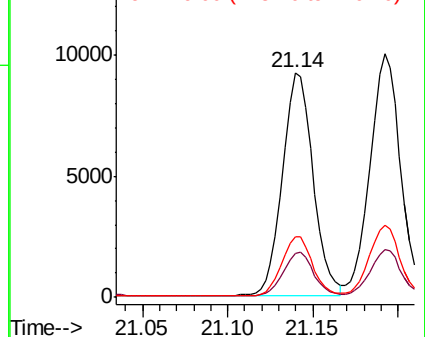
226 27.0 21.6 32.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#22

Chrysene

Concen: 0.213 ng/ul

RT: 21.19 min Scan# 4129

Delta R.T. 0.00 min

Lab File: BN013465.D

Acq: 22 Jan 2021 21:11

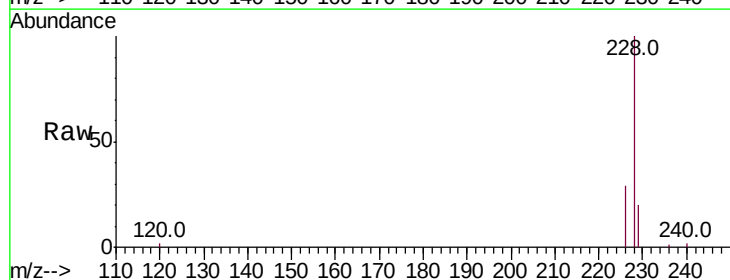
Tgt Ion:228 Resp: 12388

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.6

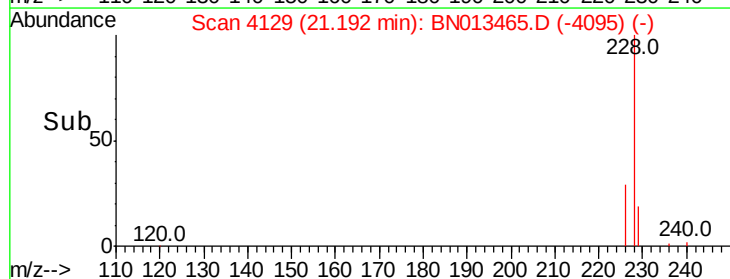
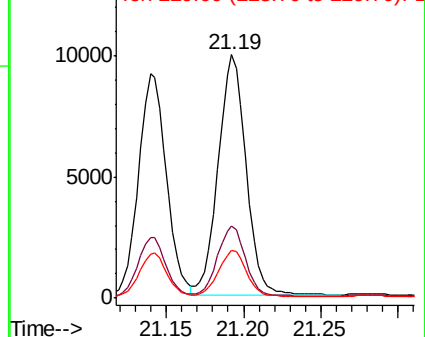
229 19.7 15.8 23.8

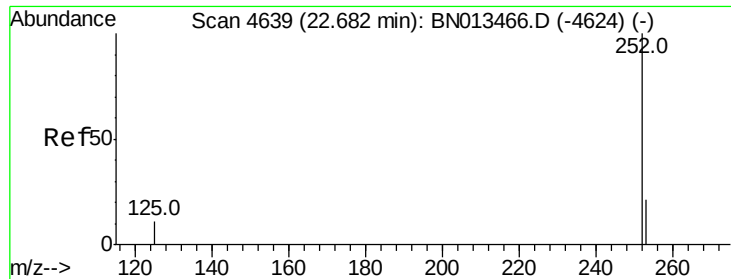


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#24

Benzo(b)fluoranthene

Concen: 0.184 ng/ul

RT: 22.68 min Scan# 4639

Delta R.T. 0.00 min

Lab File: BN013465.D

Acq: 22 Jan 2021 21:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.2004

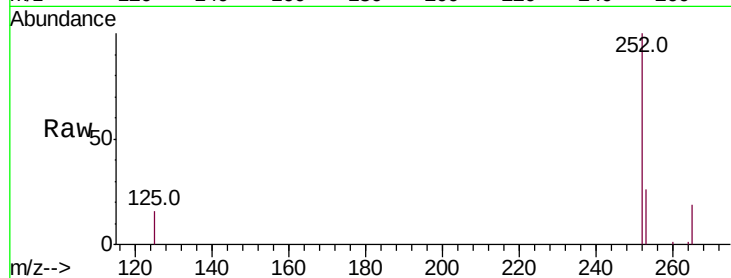
Tot Ion:252 Resp: 11184

Ion Ratio Lower Upper

252 100

253 26.2 0.0 46.6

125 16.2 0.0 27.2

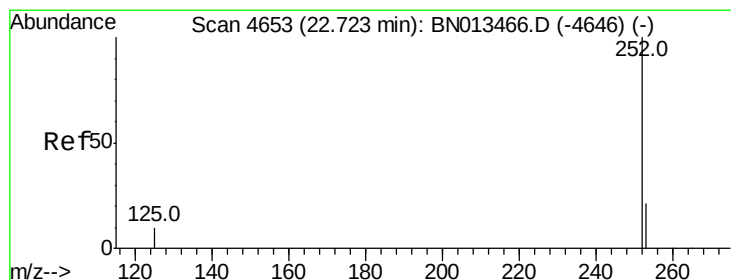
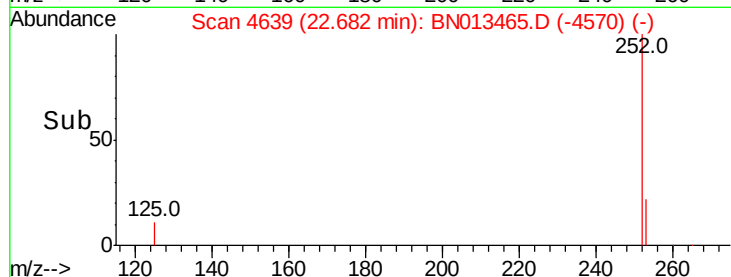
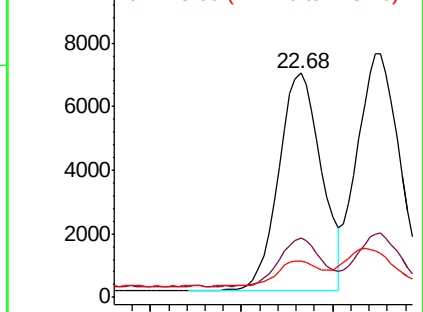


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#25

Benzo(k)fluoranthene

Concen: 0.192 ng/ul

RT: 22.68 min Scan# 4639

Delta R.T. -0.04 min

Lab File: BN013465.D

Acq: 22 Jan 2021 21:11

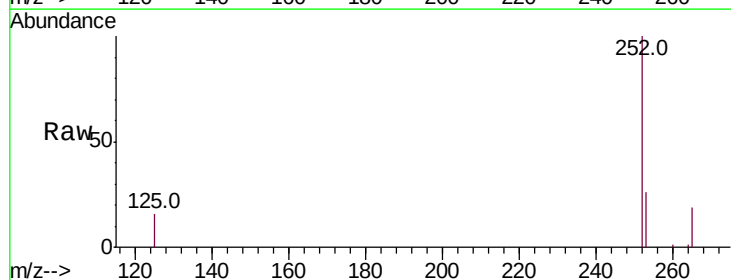
Tgt Ion:252 Resp: 11184

Ion Ratio Lower Upper

252 100

253 26.2 19.0 28.4

125 16.2 11.3 16.9

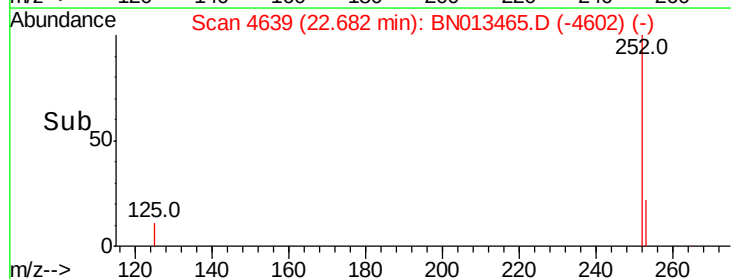
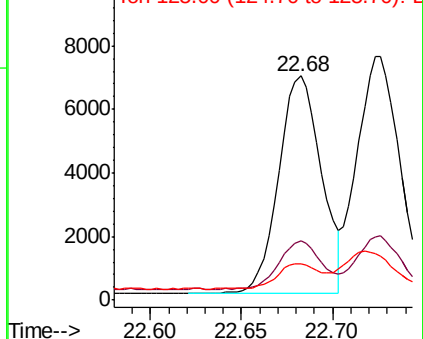


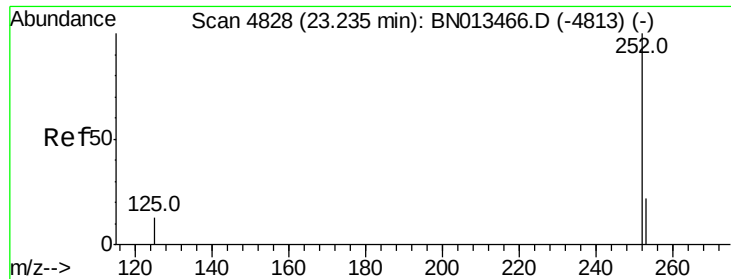
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 0.197 ng/ul

RT: 23.24 min Scan# 4828

Delta R.T. 0.00 min

Lab File: BN013465.D

Acq: 22 Jan 2021 21:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.2004

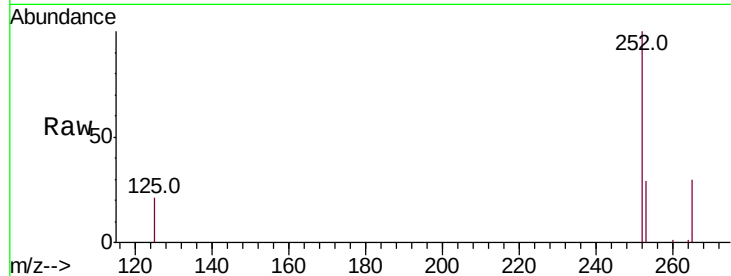
Tot Ion:252 Resp: 9888

Ion Ratio Lower Upper

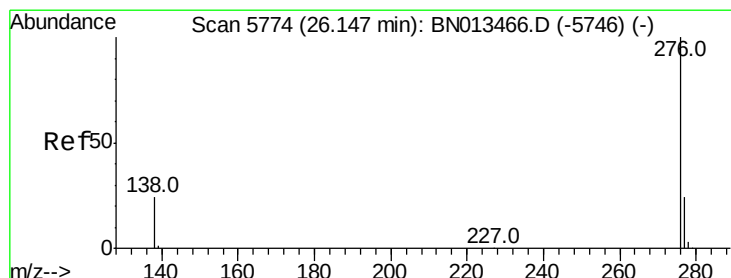
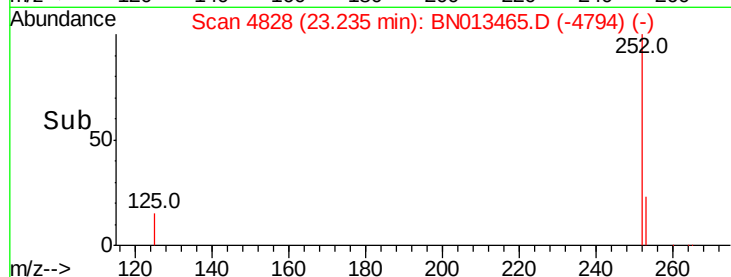
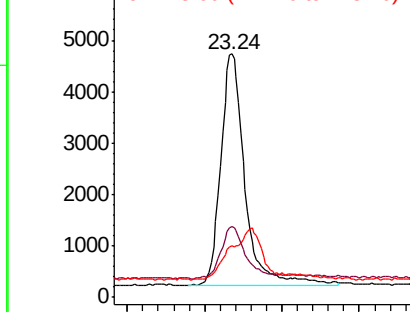
252 100

253 29.2 19.8 29.8

125 21.0 13.1 19.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.212 ng/ul

RT: 25.49 min Scan# 5579

Delta R.T. 0.00 min

Lab File: BN013465.D

Acq: 22 Jan 2021 21:11

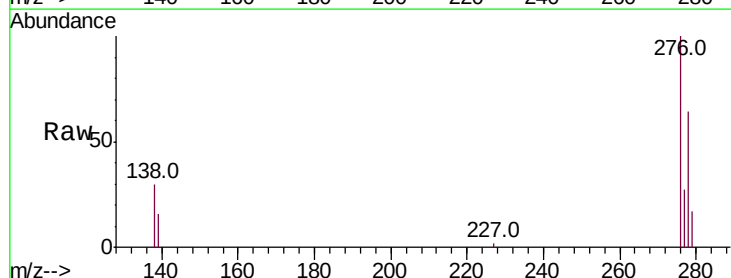
Tgt Ion:276 Resp: 12933

Ion Ratio Lower Upper

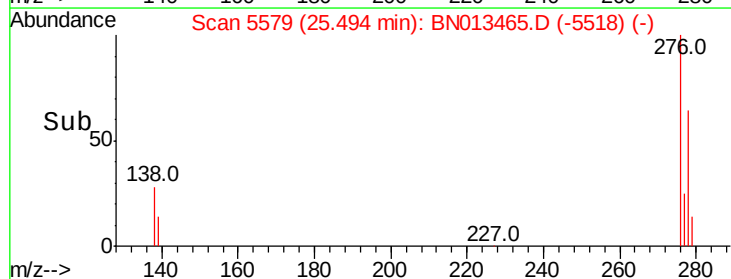
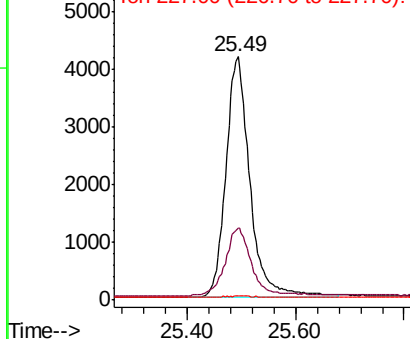
276 100

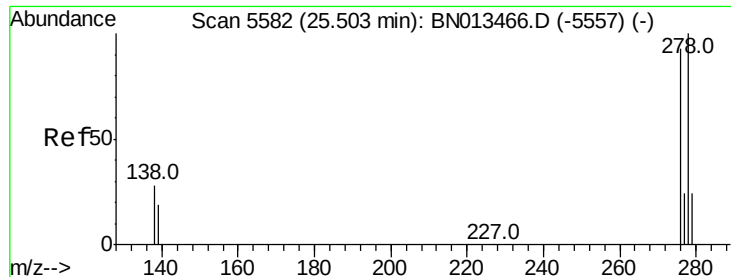
138 31.1 17.2 25.8#

227 0.2 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





#28

Dibenzo(a,h)anthracene

Concen: 0.204 ng/ul

RT: 25.51 min Scan# 5583

Delta R.T. 0.00 min

Lab File: BN013465.D

Acq: 22 Jan 2021 21:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.2004

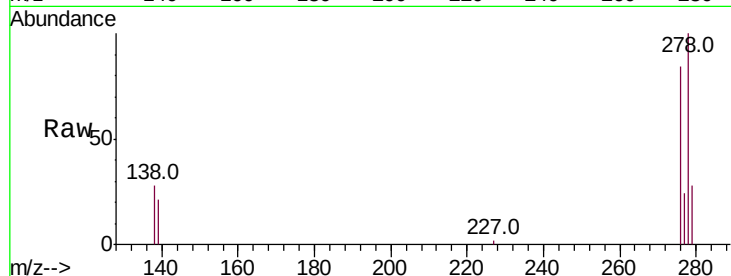
Tot Ion:278 Resp: 10390

Ion Ratio Lower Upper

278 100

139 20.9 16.2 24.2

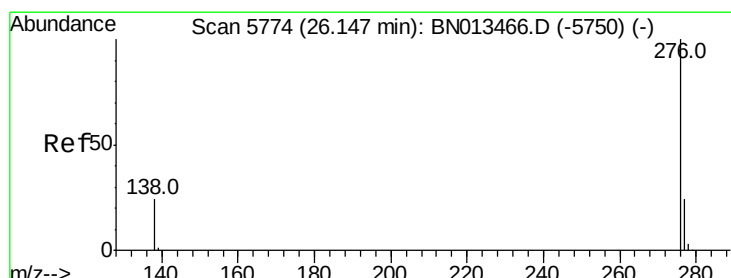
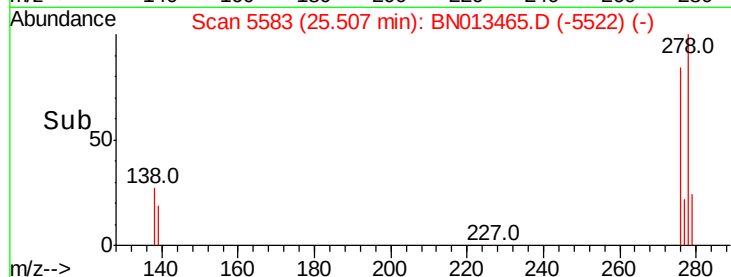
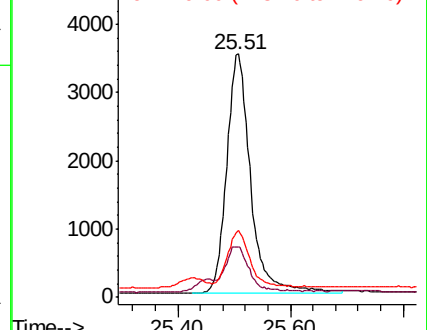
279 27.7 20.3 30.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#29

Benzo(g,h,i)perylene

Concen: 0.206 ng/ul

RT: 26.15 min Scan# 5774

Delta R.T. 0.00 min

Lab File: BN013465.D

Acq: 22 Jan 2021 21:11

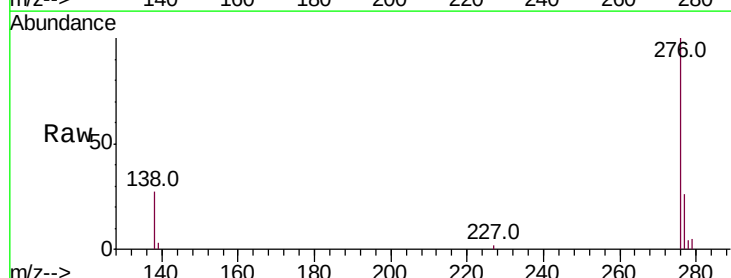
Tgt Ion:276 Resp: 10918

Ion Ratio Lower Upper

276 100

138 27.3 20.2 30.2

277 25.8 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

