

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012925.D
 Acq On : 06 Dec 2020 19:41
 Operator : CG/JU
 Sample : L4864-17
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ5

Quant Time: Dec 07 03:09:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 03:06:53 2020
 Response via : Initial Calibration

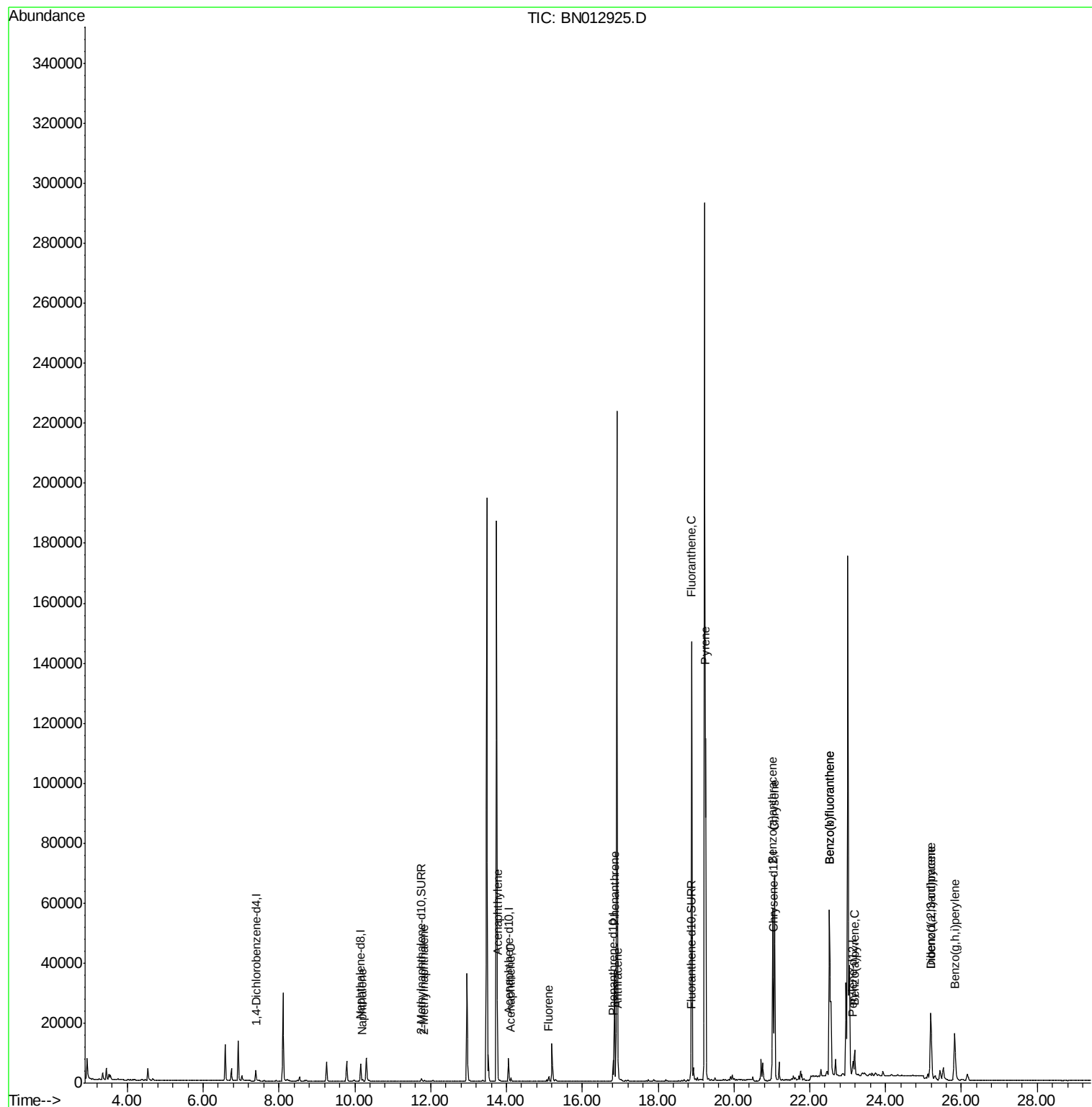
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1797	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	7408	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	4058	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	8328	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	6349	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	5153	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	1187	0.11	ng/ul	-0.02
14) Fluoranthene-d10	18.86	212	2645	0.12	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.20	128	570	0.027	ng/ul#	82
5) 2-Methylnaphthalene	11.84	142	354	0.025	ng/ul	93
7) Acenaphthylene	13.77	152	683	0.036	ng/ul#	83
8) Acenaphthene	14.12	153	771	0.049	ng/ul	96
9) Fluorene	15.12	166	1030	0.057	ng/ul#	95
12) Phenanthrene	16.85	178	37415	1.340	ng/ul	97
13) Anthracene	16.95	178	4403	0.185	ng/ul	97
15) Fluoranthene	18.88	202	121053	3.648	ng/ul	99
17) Pyrene	19.25	202	98652	3.290	ng/ul	98
18) Benzo(a)anthracene	21.02	228	46171	1.758	ng/ul	98
19) Chrysene	21.07	228	64930	2.237	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	109920	4.611	ng/ul	89
22) Benzo(k)fluoranthene	22.52	252	109920	4.172	ng/ul#	89
23) Benzo(a)pyrene	23.18	252	5847	0.264	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.19	276	33152	1.141	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.20	278	7613	0.331	ng/ul	96
26) Benzo(a,h,i)perylene	25.82	276	30312	1.153	ng/ul	97

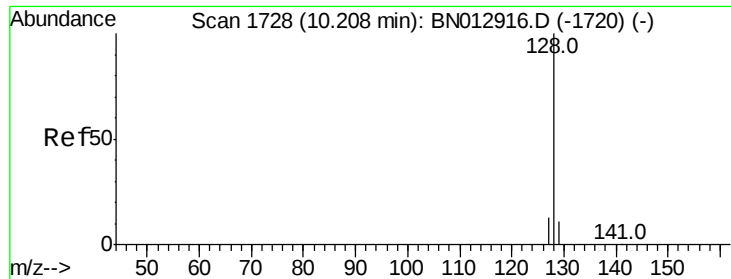
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.20 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BN012925.D

Acq: 06 Dec 2020 19:41

Instrument :

BNA_N

ClientSampleId :

C0AZ5

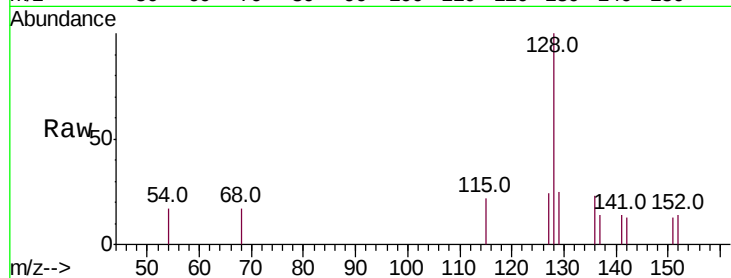
Tot Ion:128 Resp: 570

Ion Ratio Lower Upper

128 100

129 25.1 12.3 18.5#

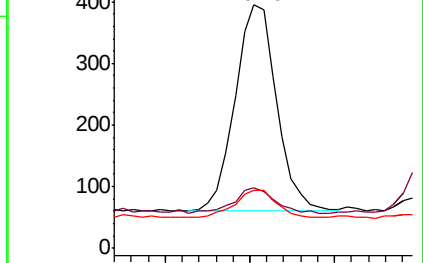
127 23.8 14.2 21.4#



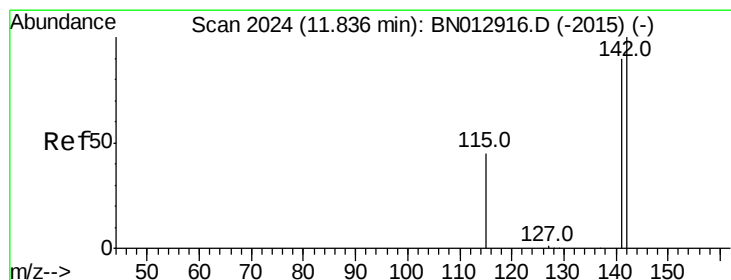
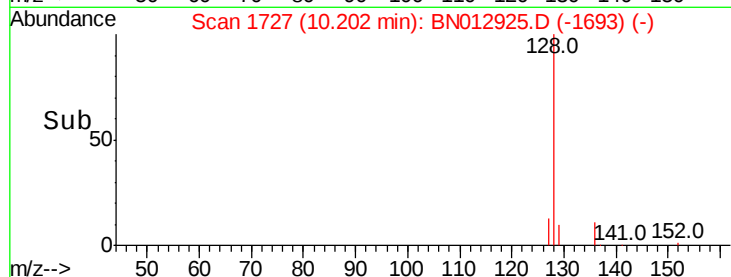
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

RT: 11.84 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BN012925.D

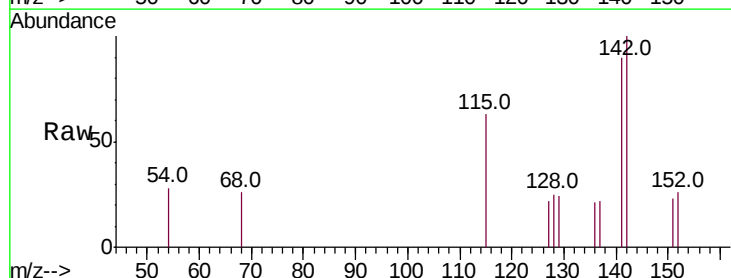
Acq: 06 Dec 2020 19:41

Tgt Ion:142 Resp: 354

Ion Ratio Lower Upper

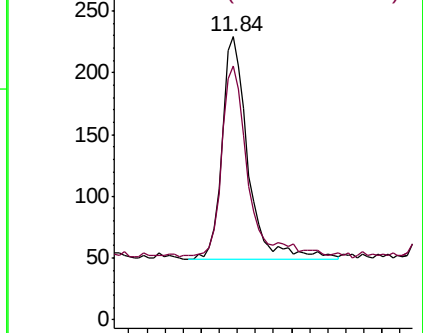
142 100

141 84.7 73.0 109.6

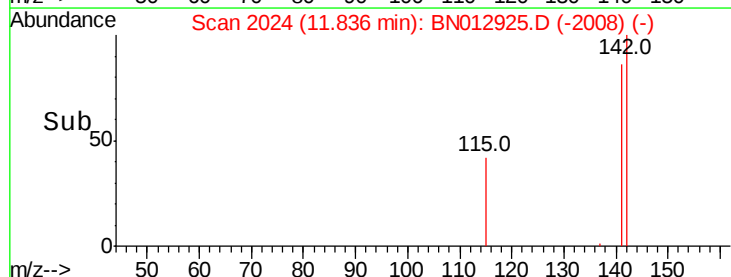


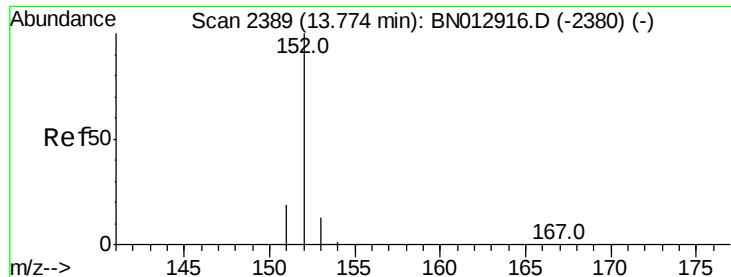
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.036 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN012925.D

Acq: 06 Dec 2020 19:41

Instrument :

BNA_N

ClientSampleId :

C0AZ5

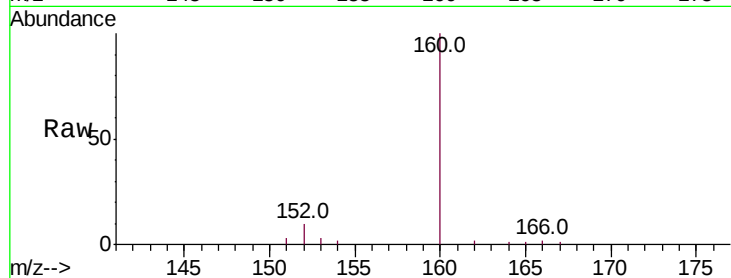
Tot Ion:152 Resp: 683

Ion Ratio Lower Upper

152 100

151 29.7 18.2 27.4#

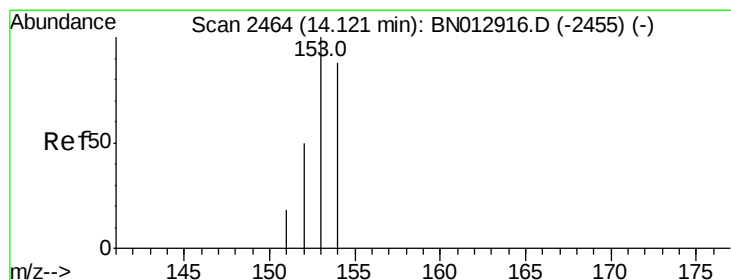
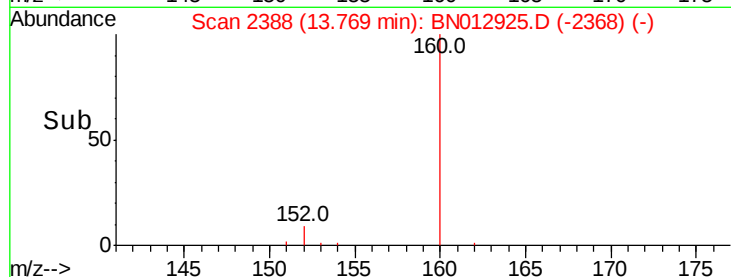
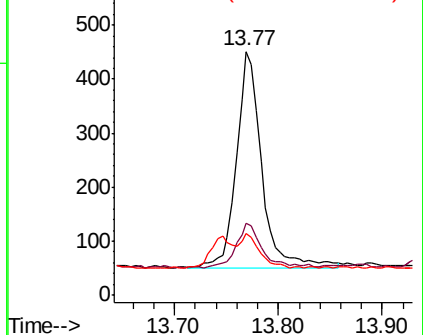
153 25.3 13.1 19.7#



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



#8

Acenaphthene

Concen: 0.049 ng/ul

RT: 14.12 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BN012925.D

Acq: 06 Dec 2020 19:41

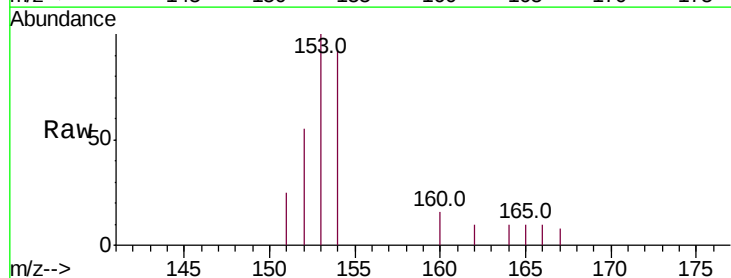
Tgt Ion:153 Resp: 771

Ion Ratio Lower Upper

153 100

152 55.0 40.7 61.1

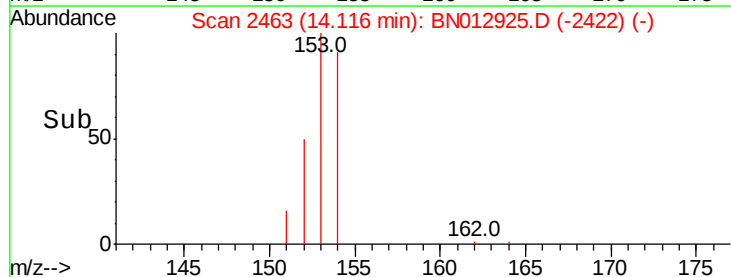
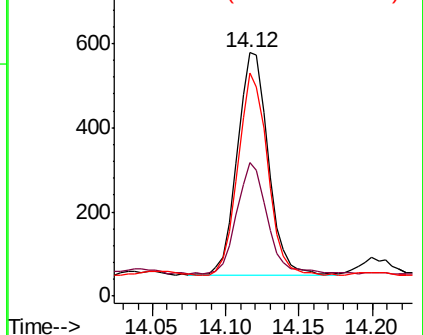
154 91.5 70.8 106.2

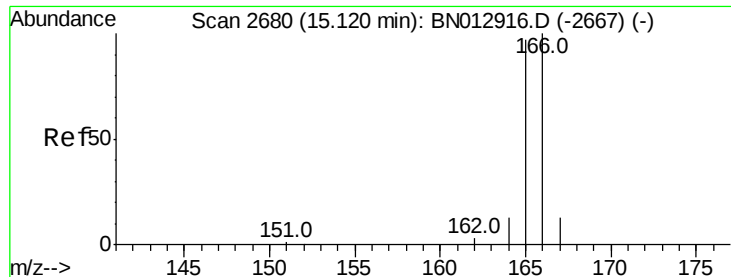


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.057 ng/ul

RT: 15.12 min Scan# 2679

Delta R.T. -0.01 min

Lab File: BN012925.D

Acq: 06 Dec 2020 19:41

Instrument :

BNA_N

ClientSampleId :

C0AZ5

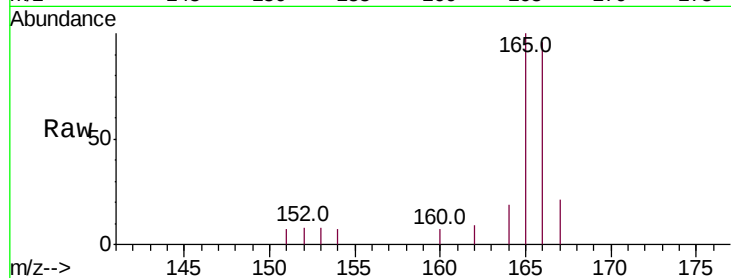
Tot Ion:166 Resp: 1030

Ion Ratio Lower Upper

166 100

165 103.8 79.8 119.8

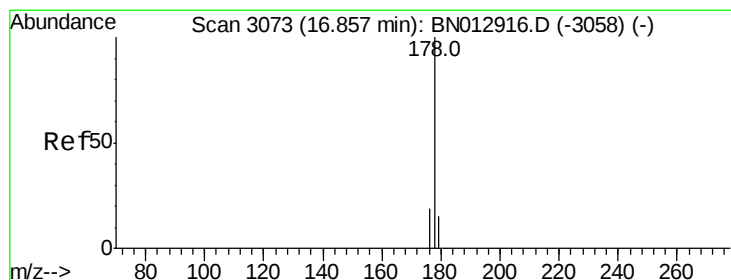
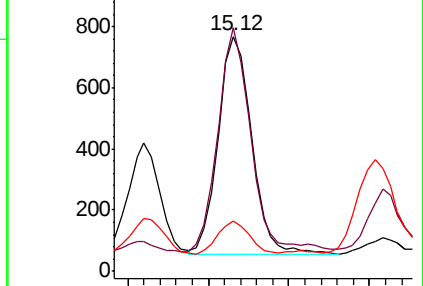
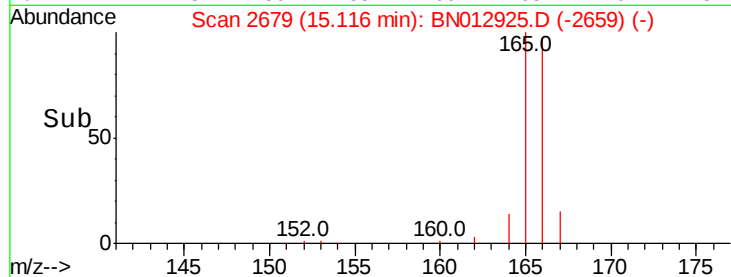
167 21.5 13.8 20.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 1.340 ng/ul

RT: 16.85 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN012925.D

Acq: 06 Dec 2020 19:41

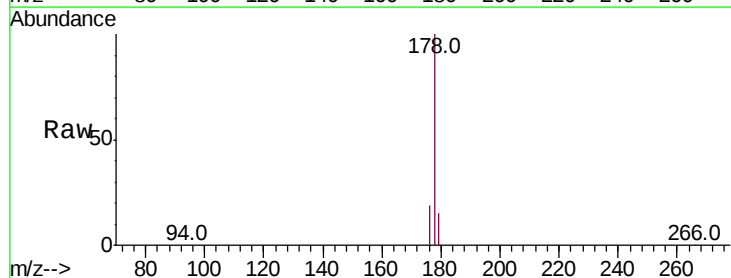
Tgt Ion:178 Resp: 37415

Ion Ratio Lower Upper

178 100

179 15.4 13.6 20.4

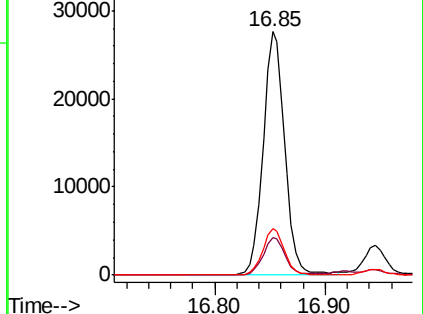
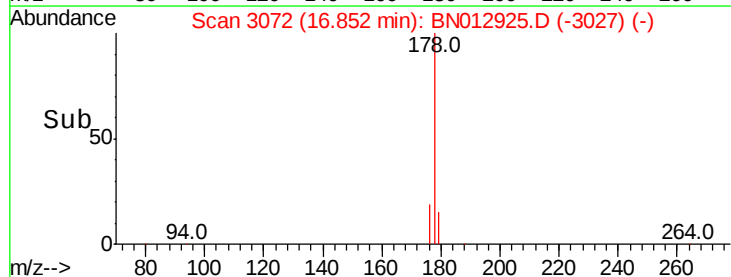
176 19.4 16.4 24.6

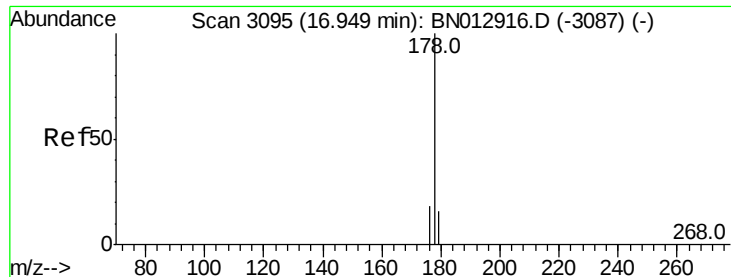


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.185 ng/ul

RT: 16.95 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN012925.D

Acq: 06 Dec 2020 19:41

Instrument :

BNA_N

ClientSampleId :

C0AZ5

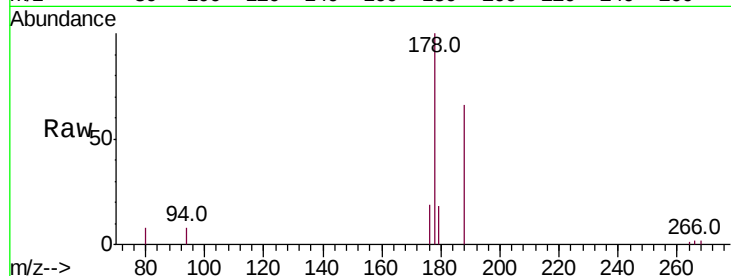
Tot Ion:178 Resp: 4403

Ion Ratio Lower Upper

178 100

179 17.6 14.6 21.8

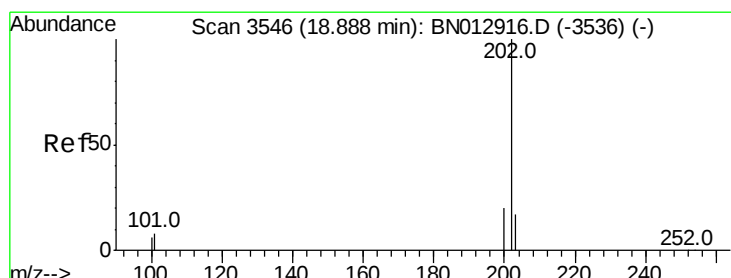
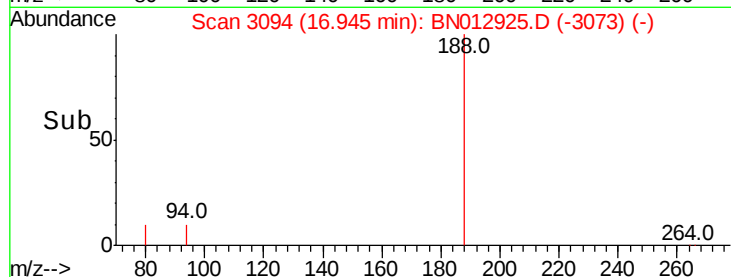
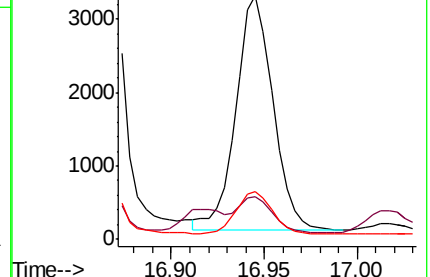
176 19.4 17.1 25.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 3.648 ng/ul

RT: 18.88 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BN012925.D

Acq: 06 Dec 2020 19:41

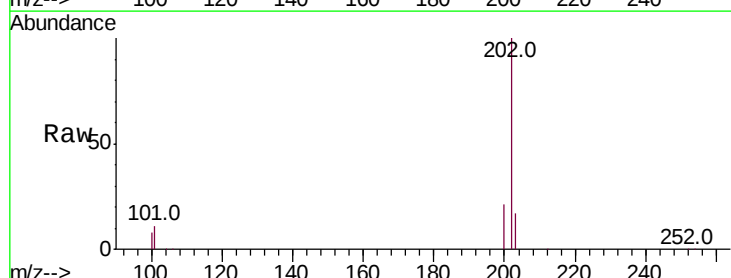
Tgt Ion:202 Resp: 121053

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.6

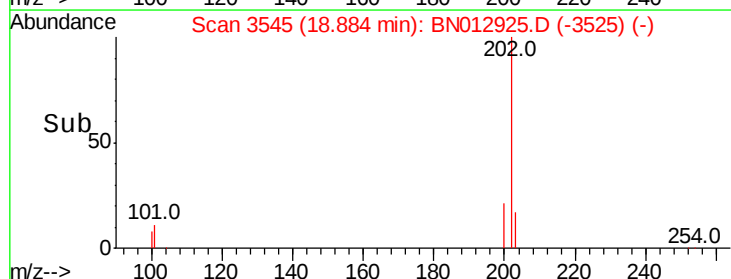
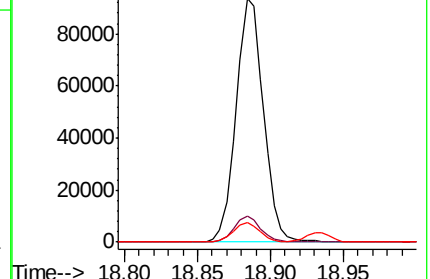
100 8.2 0.0 28.7

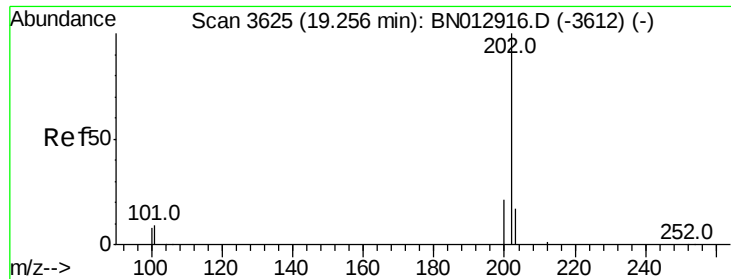


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

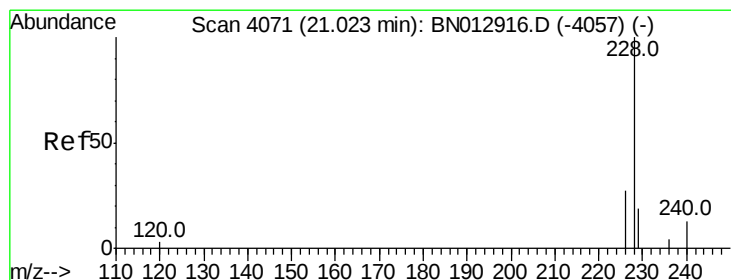
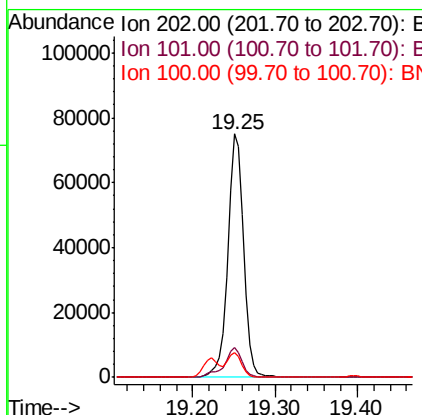
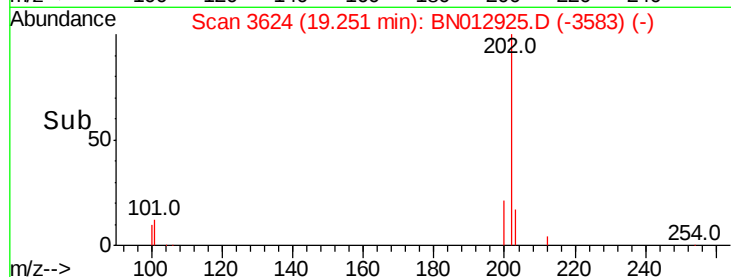
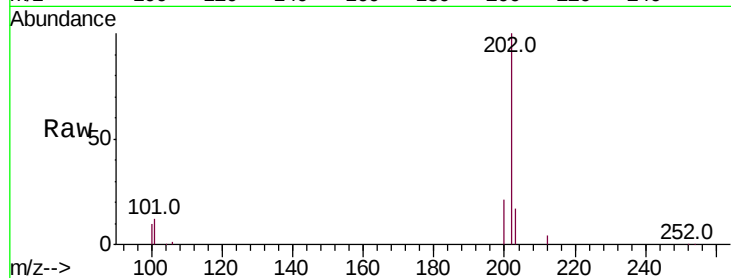




#17
Pvrene
Concen: 3.290 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.01 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

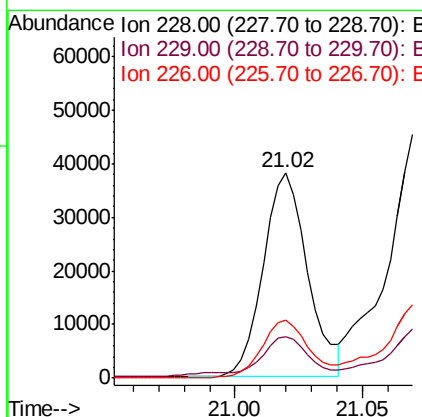
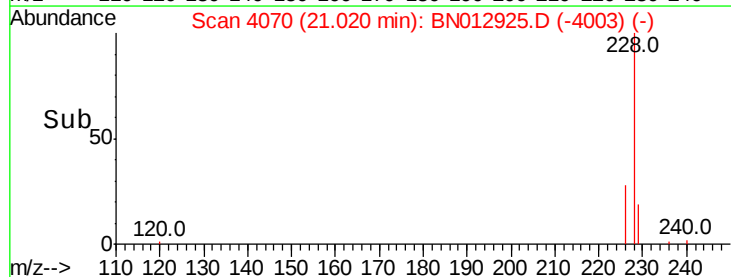
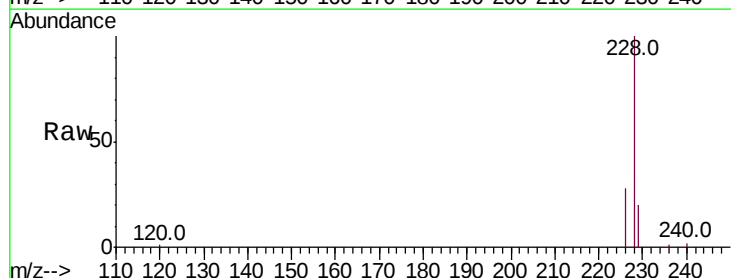
Instrument :
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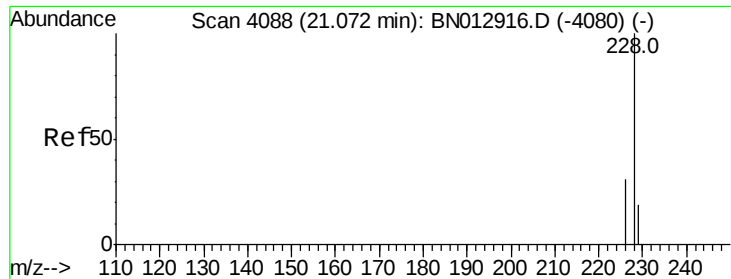
Tot Ion:202 Resp: 98652
Ion Ratio Lower Upper
202 100
101 12.1 9.1 13.7
100 10.3 7.5 11.3



#18
Benzo(a)anthracene
Concen: 1.758 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:228 Resp: 46171
Ion Ratio Lower Upper
228 100
229 20.1 16.3 24.5
226 28.1 23.4 35.2





#19

Chrysene

Concen: 2.237 ng/ul

RT: 21.07 min Scan# 4088

Delta R.T. -0.00 min

Lab File: BN012925.D

Acq: 06 Dec 2020 19:41

Instrument :

BNA_N

ClientSampleId :

C0AZ5

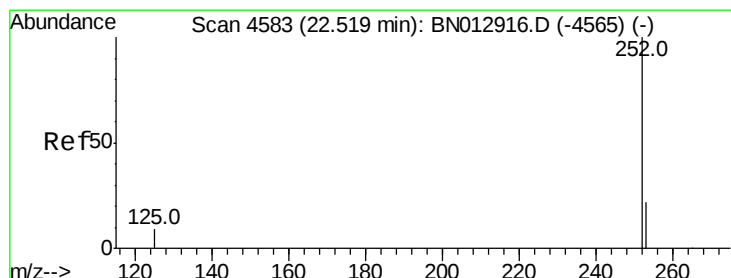
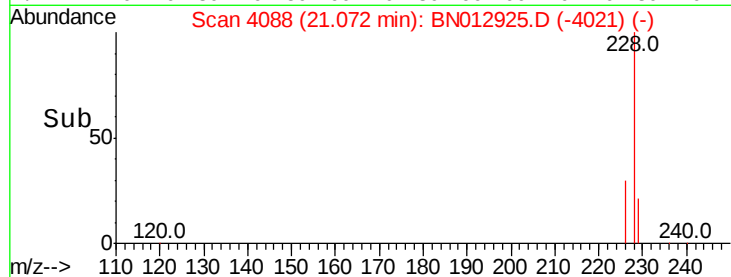
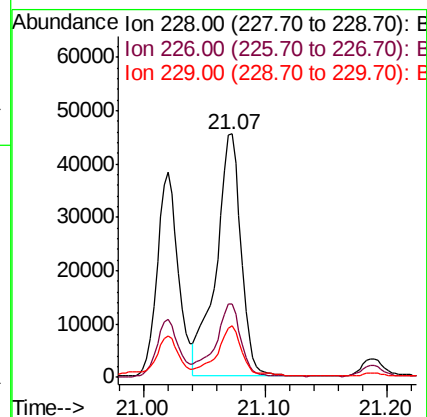
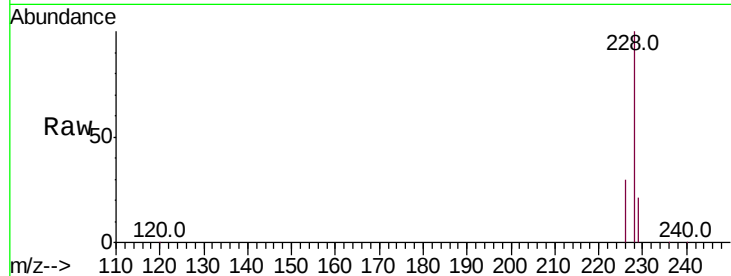
Tot Ion:228 Resp: 64930

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

229 21.2 16.4 24.6



#21

Benzo(b)fluoranthene

Concen: 4.611 ng/ul

RT: 22.52 min Scan# 4583

Delta R.T. -0.00 min

Lab File: BN012925.D

Acq: 06 Dec 2020 19:41

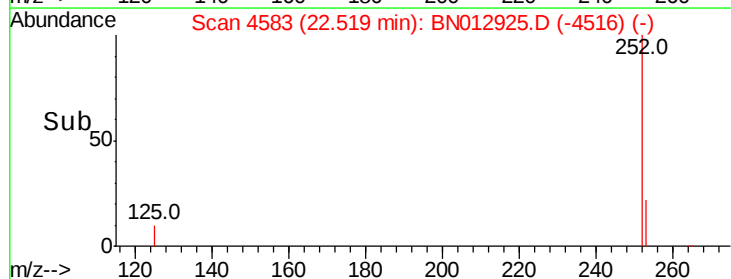
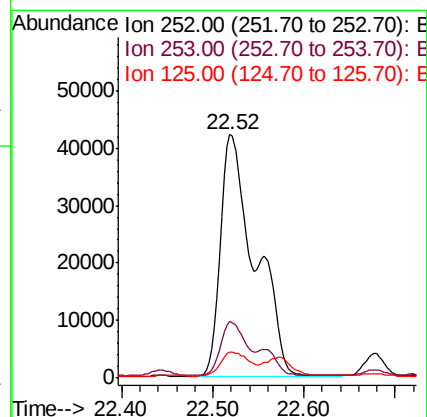
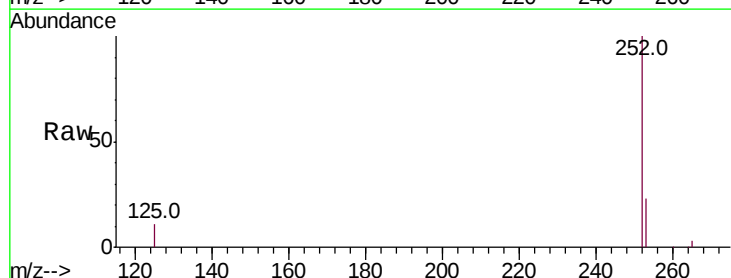
Tgt Ion:252 Resp: 109920

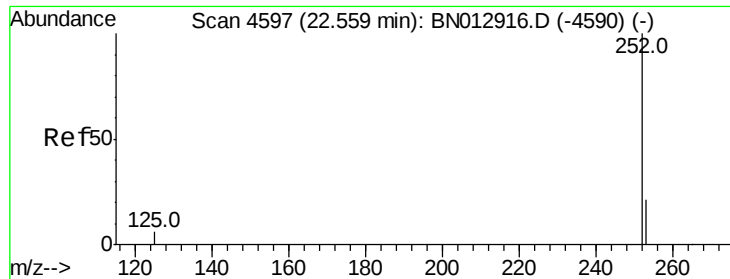
Ion Ratio Lower Upper

252 100

253 23.1 0.0 59.6

125 10.6 0.0 26.0





#22

Benzo(k)fluoranthene

Concen: 4.172 ng/ul

RT: 22.52 min Scan# 4583

Delta R.T. -0.04 min

Lab File: BN012925.D

Acq: 06 Dec 2020 19:41

Instrument :

BNA_N

ClientSampleId :

C0AZ5

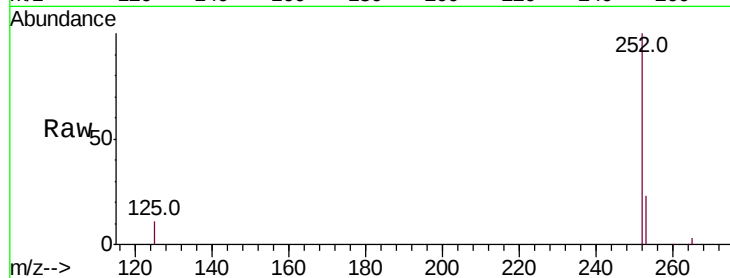
Tot Ion:252 Resp: 109920

Ion Ratio Lower Upper

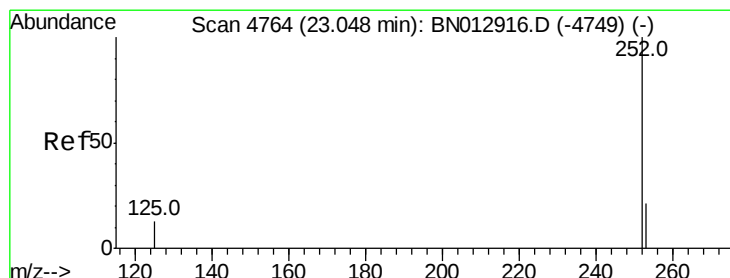
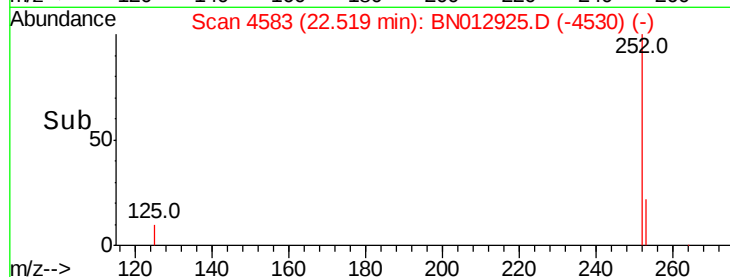
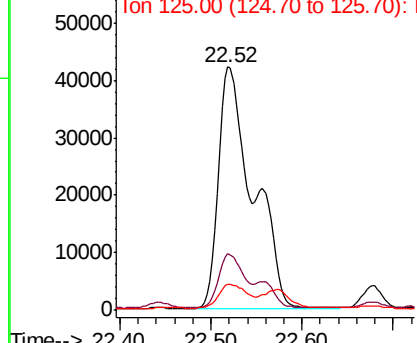
252 100

253 23.1 23.4 35.2#

125 10.6 11.1 16.7#



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



#23

Benzo(a)pyrene

Concen: 0.264 ng/ul

RT: 23.18 min Scan# 4809

Delta R.T. 0.13 min

Lab File: BN012925.D

Acq: 06 Dec 2020 19:41

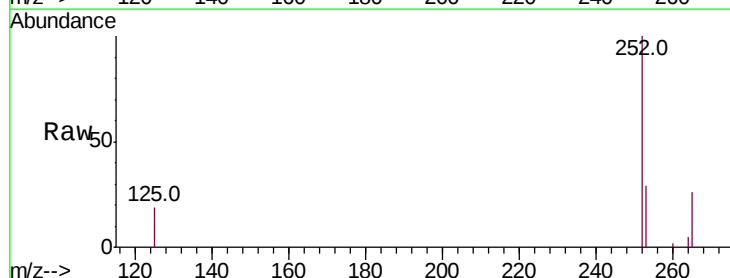
Tgt Ion:252 Resp: 5847

Ion Ratio Lower Upper

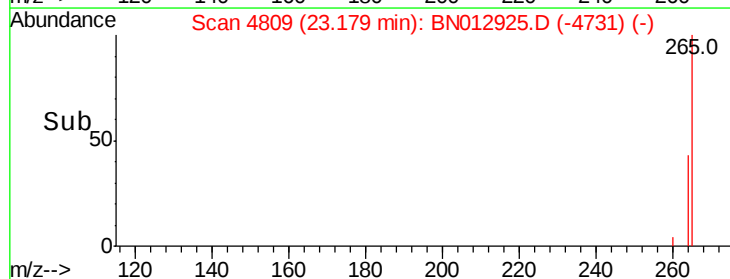
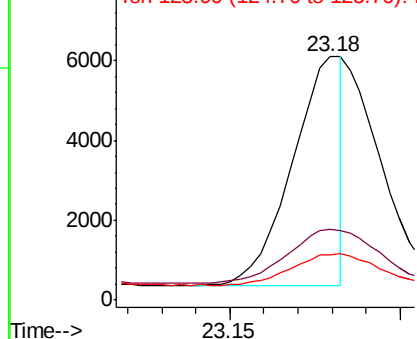
252 100

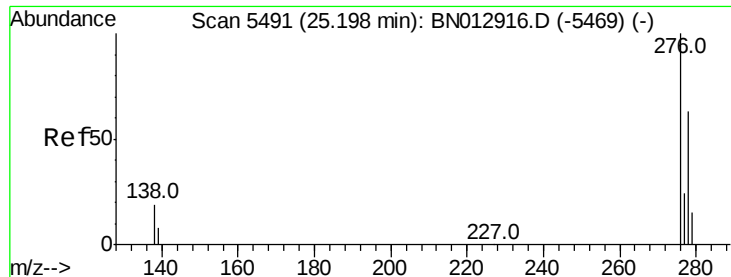
253 29.3 26.5 39.7

125 18.8 14.2 21.2



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





#24

Indeno(1,2,3-cd)pyrene

Concen: 1.141 ng/ul

RT: 25.19 min Scan# 5490

Delta R.T. -0.01 min

Lab File: BN012925.D

Acq: 06 Dec 2020 19:41

Instrument :

BNA_N

ClientSampleId :

C0AZ5

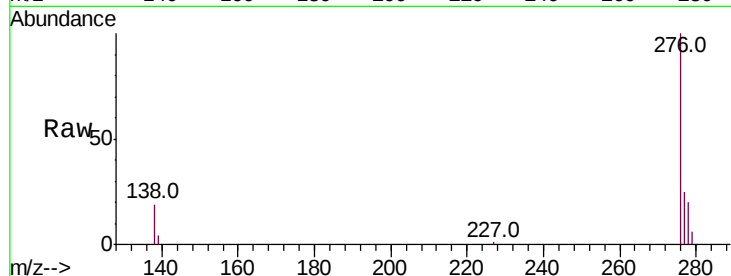
Tot Ion:276 Resp: 33152

Ion Ratio Lower Upper

276 100

138 18.9 16.2 24.2

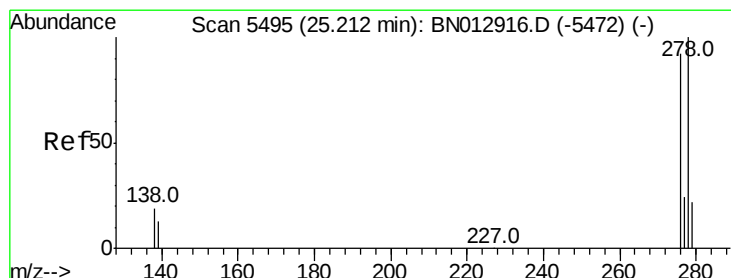
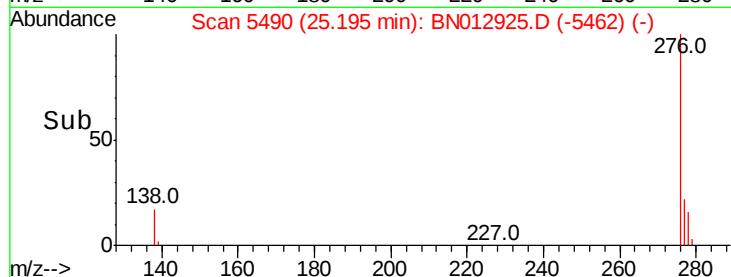
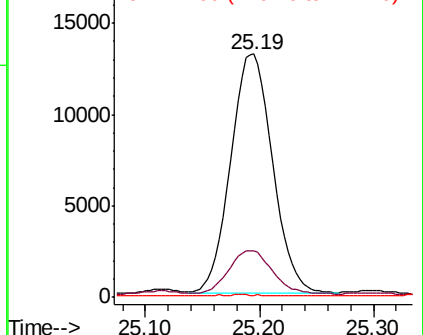
227 0.1 0.0 0.0#



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



#25

Dibenzo(a,h)anthracene

Concen: 0.331 ng/ul

RT: 25.20 min Scan# 5492

Delta R.T. -0.01 min

Lab File: BN012925.D

Acq: 06 Dec 2020 19:41

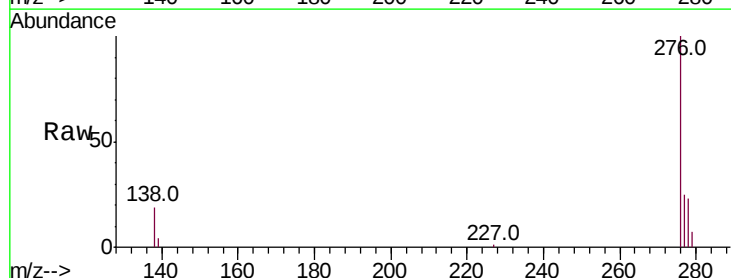
Tgt Ion:278 Resp: 7613

Ion Ratio Lower Upper

278 100

139 18.8 14.5 21.7

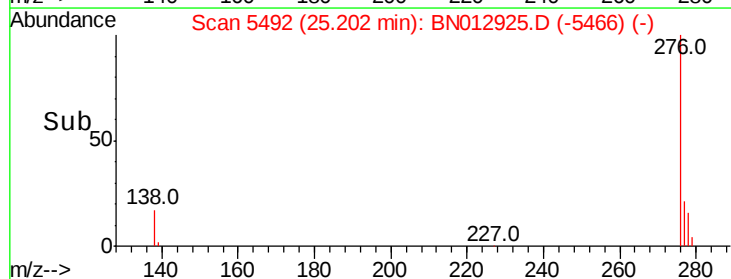
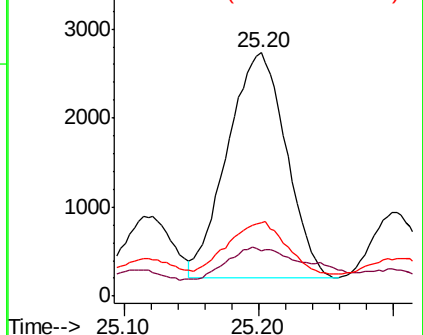
279 30.1 26.3 39.5

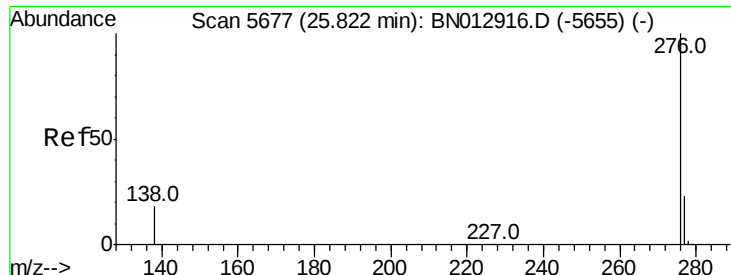


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 1.153 ng/ul

RT: 25.82 min Scan# 5677

Delta R.T. -0.01 min

Lab File: BN012925.D

Acq: 06 Dec 2020 19:41

Instrument :

BNA_N

ClientSampleId :

C0AZ5

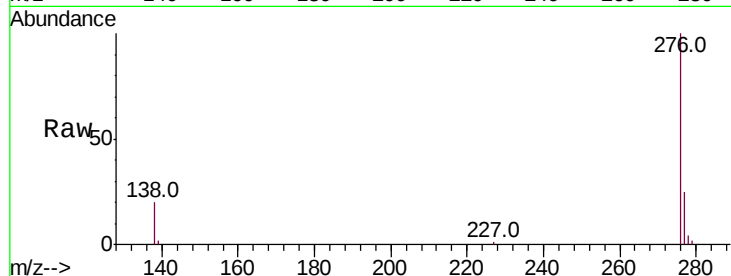
Tot Ion:276 Resp: 30312

Ion Ratio Lower Upper

276 100

138 19.8 16.3 24.5

277 24.6 21.8 32.6



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

