

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120520\
 Data File : BN012884.D
 Acq On : 05 Dec 2020 15:35
 Operator : CG/JU
 Sample : L4824-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2R11

Quant Time: Dec 05 16:04:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN111020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 13:55:22 2020
 Response via : Initial Calibration

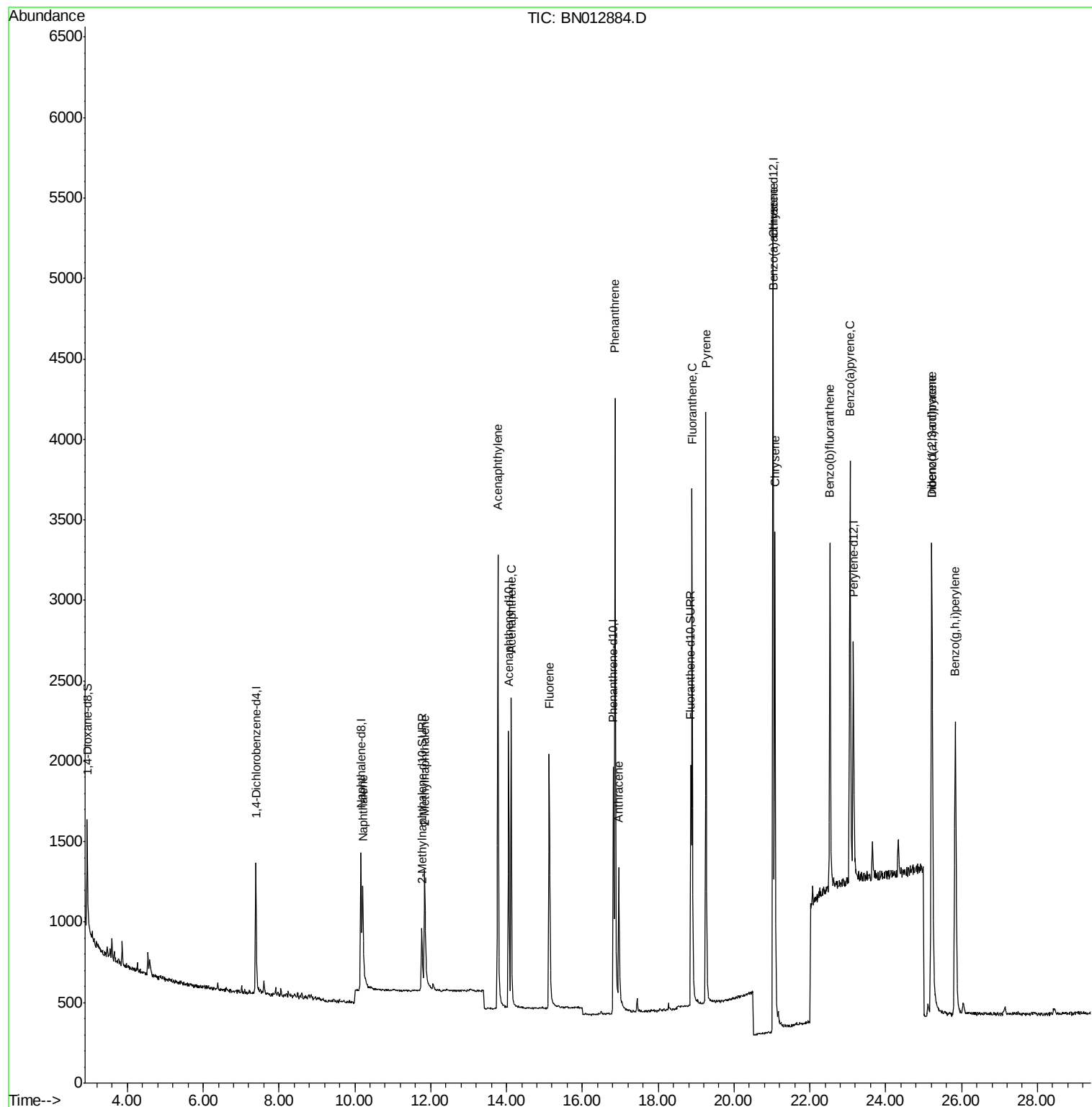
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	478	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.16	136	1727	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.06	164	1028	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.82	188	2190	0.40	ng/ul	0.00
19) Chrysene-d12	21.04	240	1807	0.40	ng/ul	0.00
23) Perylene-d12	23.15	264	1913	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.94	96	444	0.69	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.76	152	831	0.34	ng/ul	0.00
17) Fluoranthene-d10	18.86	212	1939	0.35	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.21	128	1126	0.232	ng/ul#	85
7) 2-Methylnaphthalene	11.84	142	831	0.265	ng/ul	98
10) Acenaphthylene	13.77	152	3715	0.818	ng/ul	98
11) Acenaphthene	14.12	153	1211	0.311	ng/ul	97
12) Fluorene	15.12	166	1481	0.341	ng/ul	96
15) Phenanthrene	16.86	178	4731	0.653	ng/ul	99
16) Anthracene	16.96	178	1412	0.237	ng/ul#	92
18) Fluoranthene	18.89	202	3226	0.401	ng/ul	99
20) Pyrene	19.26	202	3628	0.425	ng/ul	97
21) Benzo(a)anthracene	21.03	228	4757	0.722	ng/ul	99
22) Chrysene	21.08	228	3027	0.382	ng/ul	98
24) Benzo(b)fluoranthene	22.53	252	2776	0.340	ng/ul	96
26) Benzo(a)pyrene	23.06	252	3968	0.516	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.21	276	3718	0.368	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.22	278	3147	0.387	ng/ul	99
29) Benzo(a,h,i)perylene	25.84	276	3981	0.426	ng/ul	97

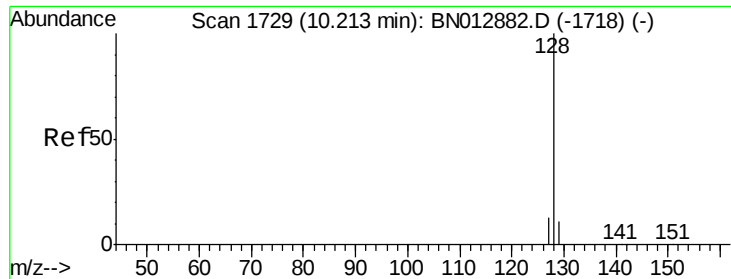
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_N
ClientSampled :
X2R11

Quant Time: Dec 05 16:04:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 13:55:22 2020
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.232 ng/ul

RT: 10.21 min Scan# 1728

Delta R.T. -0.01 min

Lab File: BN012884.D

Acq: 05 Dec 2020 15:35

Instrument :

BNA_N

ClientSampleId :

X2R11

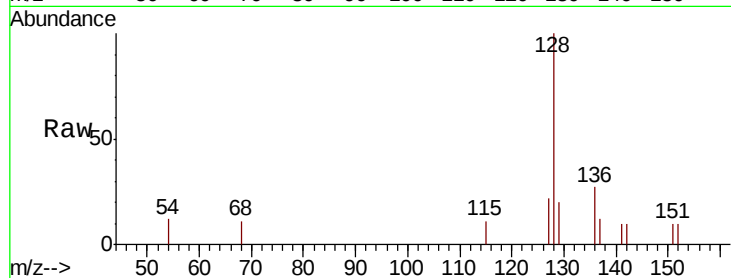
Tot Ion:128 Resp: 1126

Ion Ratio Lower Upper

128 100

129 19.7 11.1 16.7#

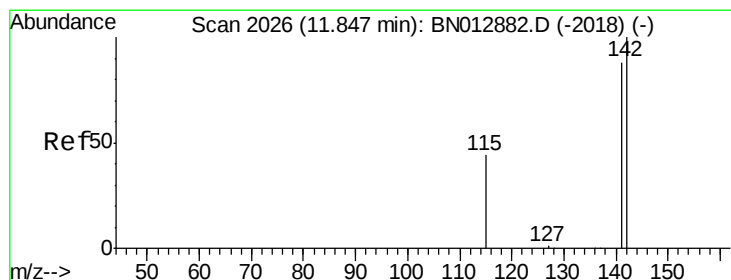
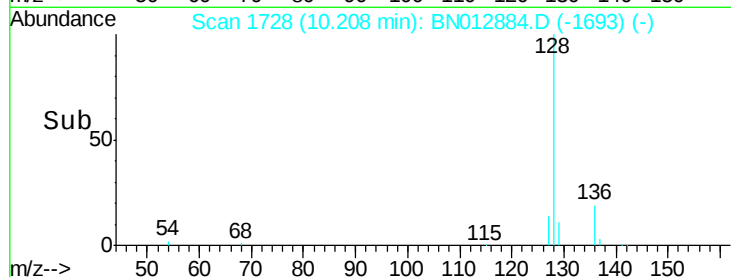
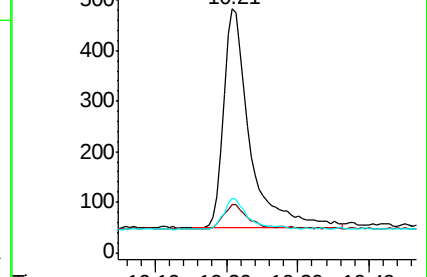
127 22.4 12.6 18.8#



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



#7

2-Methylnaphthalene

Concen: 0.265 ng/ul

RT: 11.84 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BN012884.D

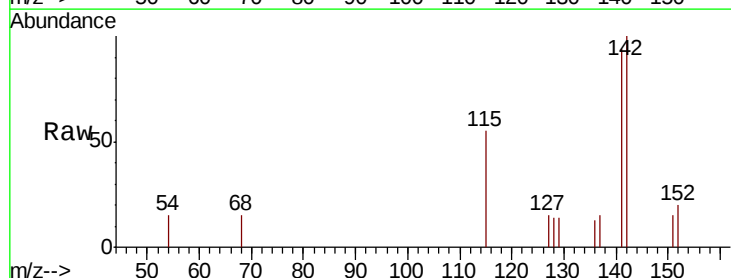
Acq: 05 Dec 2020 15:35

Tgt Ion:142 Resp: 831

Ion Ratio Lower Upper

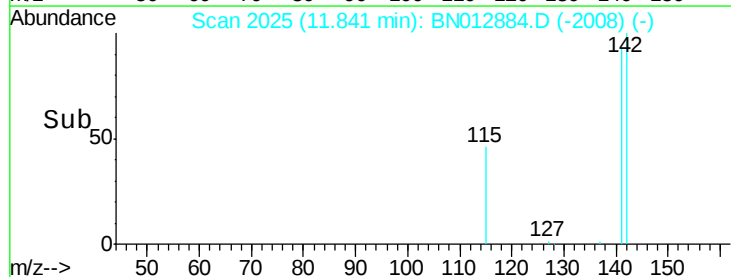
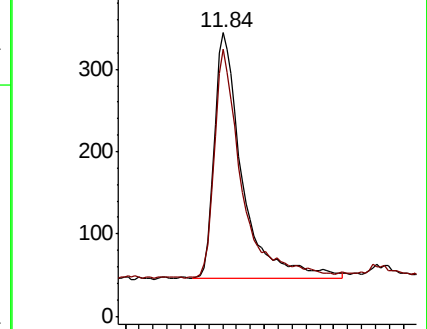
142 100

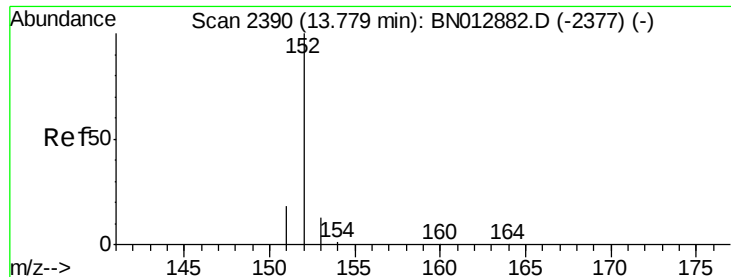
141 91.6 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthylene

Concen: 0.818 ng/ul

RT: 13.77 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BN012884.D

Acq: 05 Dec 2020 15:35

Instrument :

BNA_N

ClientSampleId :

X2R11

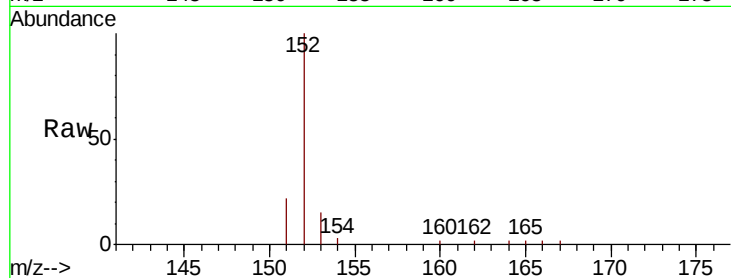
Tot Ion:152 Resp: 3715

Ion Ratio Lower Upper

152 100

151 21.9 17.0 25.4

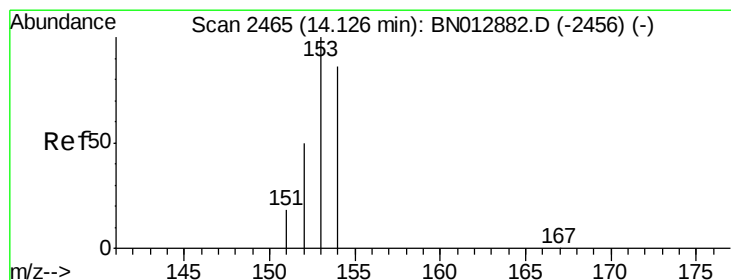
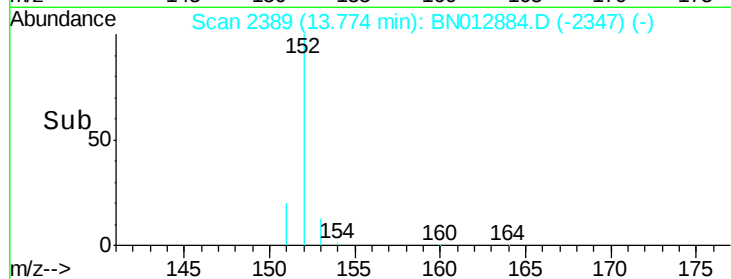
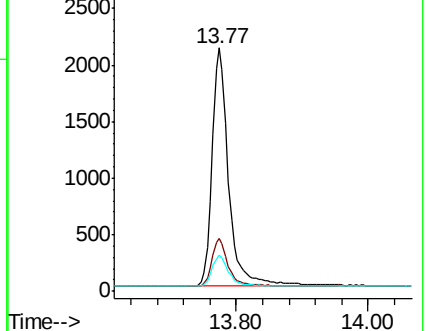
153 14.7 12.5 18.7



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



#11

Acenaphthene

Concen: 0.311 ng/ul

RT: 14.12 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BN012884.D

Acq: 05 Dec 2020 15:35

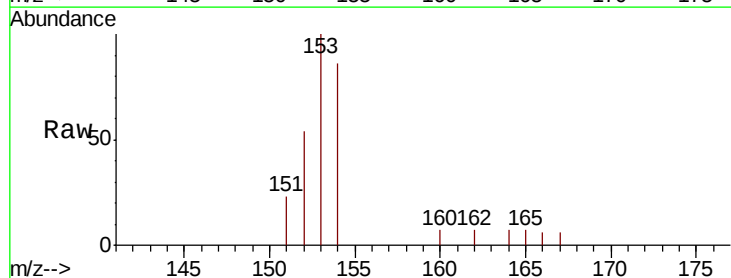
Tgt Ion:153 Resp: 1211

Ion Ratio Lower Upper

153 100

152 53.7 39.9 59.9

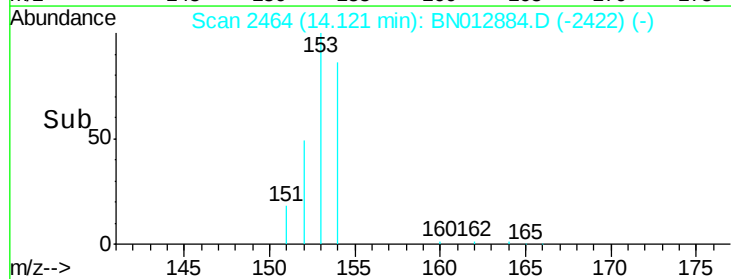
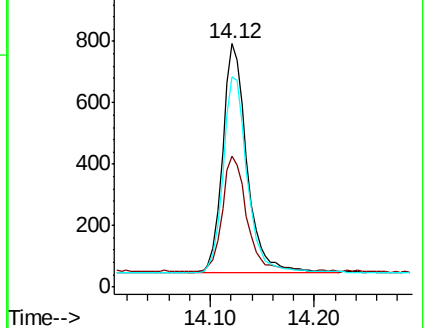
154 86.1 69.9 104.9

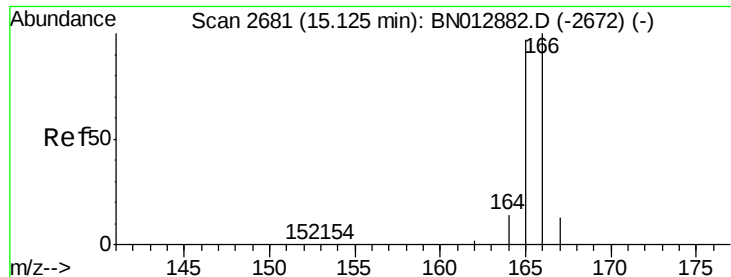


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#12

Fluorene

Concen: 0.341 ng/ul

RT: 15.12 min Scan# 2681

Delta R.T. 0.00 min

Lab File: BN012884.D

Acq: 05 Dec 2020 15:35

Instrument :

BNA_N

ClientSampleId :

X2R11

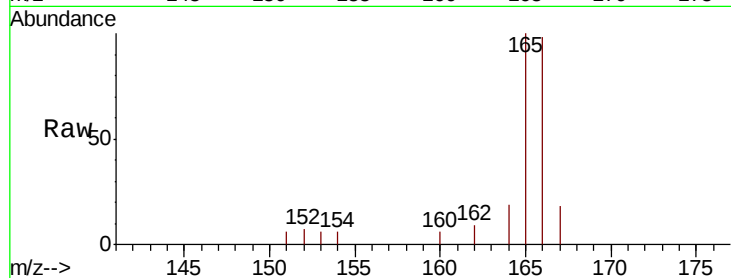
Tot Ion:166 Resp: 1481

Ion Ratio Lower Upper

166 100

165 102.1 78.6 117.8

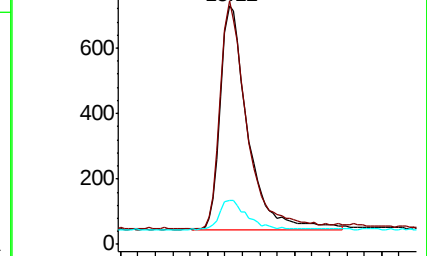
167 18.2 12.6 19.0



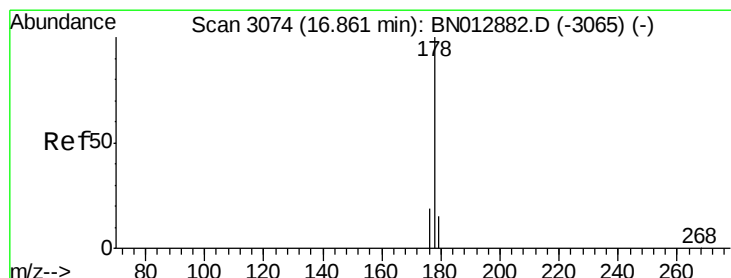
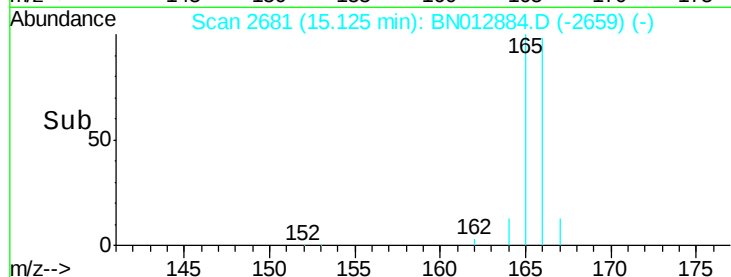
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.00 15.10 15.20 15.30



#15

Phenanthrene

Concen: 0.653 ng/ul

RT: 16.86 min Scan# 3074

Delta R.T. 0.00 min

Lab File: BN012884.D

Acq: 05 Dec 2020 15:35

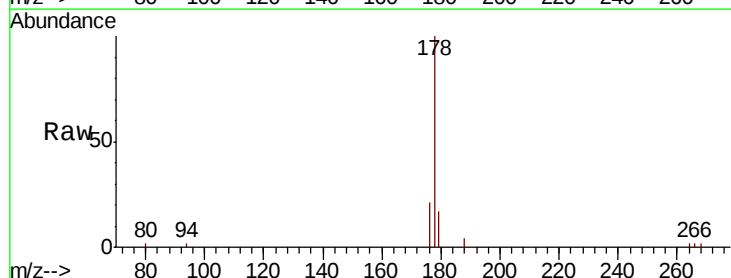
Tgt Ion:178 Resp: 4731

Ion Ratio Lower Upper

178 100

179 16.7 13.0 19.6

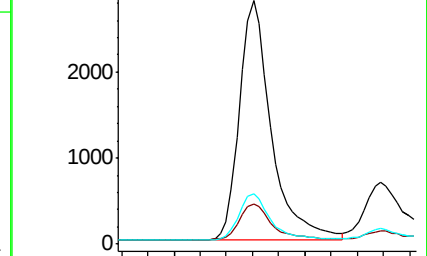
176 20.5 15.8 23.8



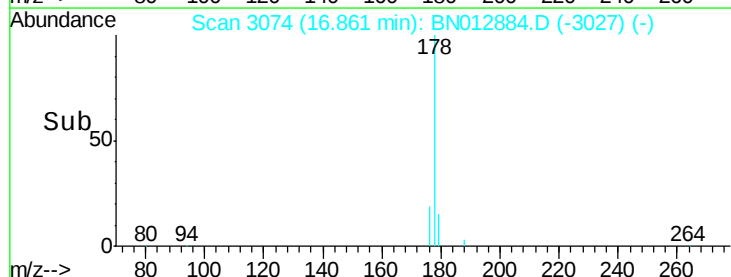
Abundance Ion 178.00 (177.70 to 178.70): E

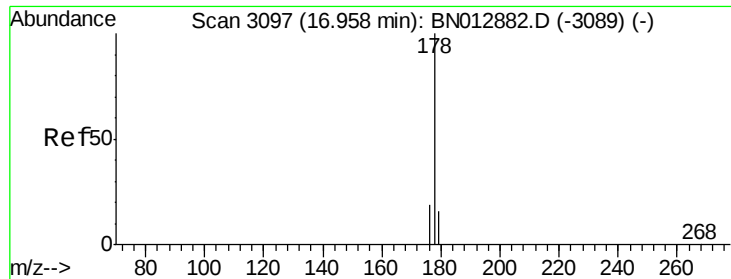
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 16.80 16.90





#16

Anthracene

Concen: 0.237 ng/ul

RT: 16.96 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BN012884.D

Acq: 05 Dec 2020 15:35

Instrument :

BNA_N

ClientSampleId :

X2R11

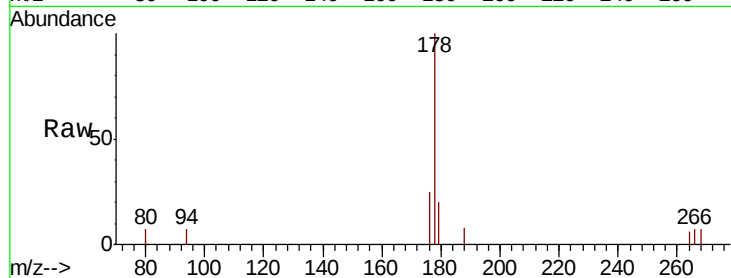
Tot Ion:178 Resp: 1412

Ion Ratio Lower Upper

178 100

179 20.4 14.2 21.4

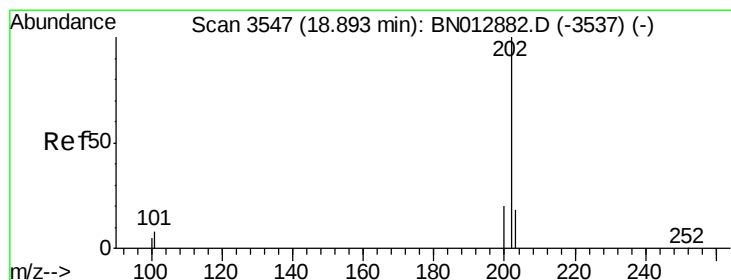
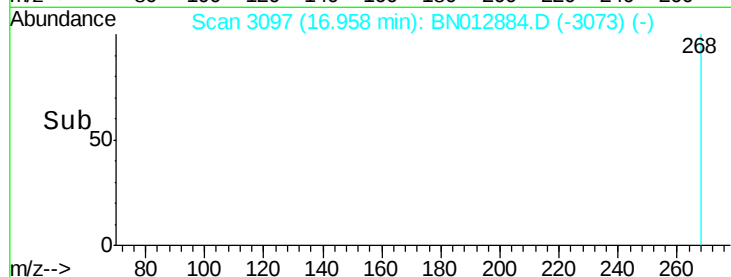
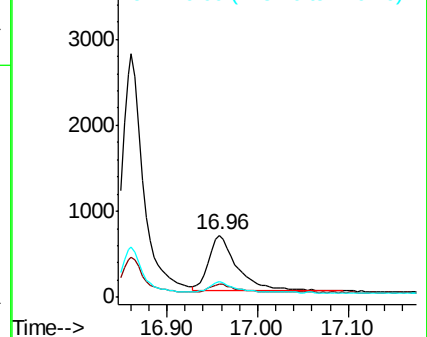
176 24.6 15.9 23.9#



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



#18

Fluoranthene

Concen: 0.401 ng/ul

RT: 18.89 min Scan# 3547

Delta R.T. 0.00 min

Lab File: BN012884.D

Acq: 05 Dec 2020 15:35

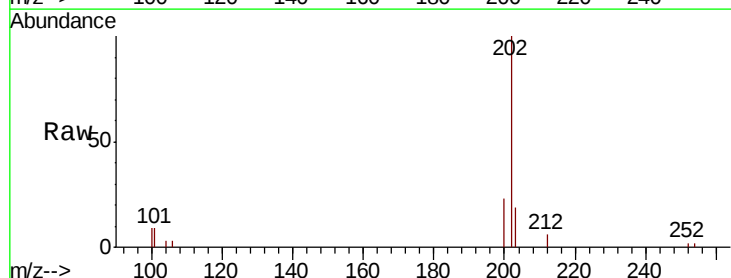
Tgt Ion:202 Resp: 3226

Ion Ratio Lower Upper

202 100

101 9.4 8.2 12.2

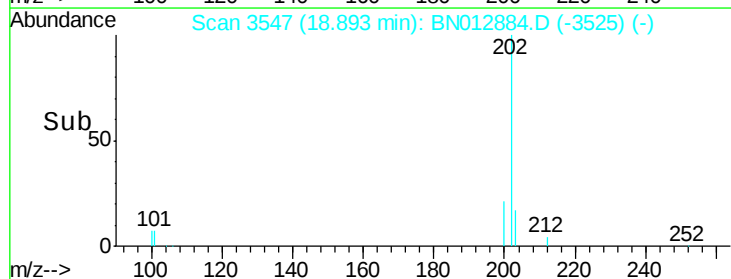
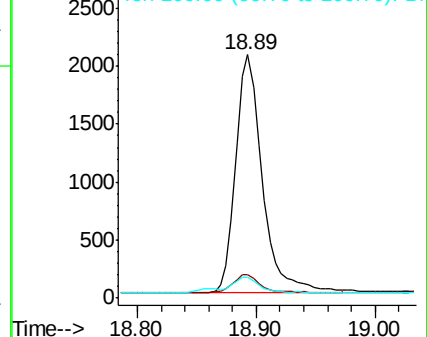
100 8.5 6.9 10.3

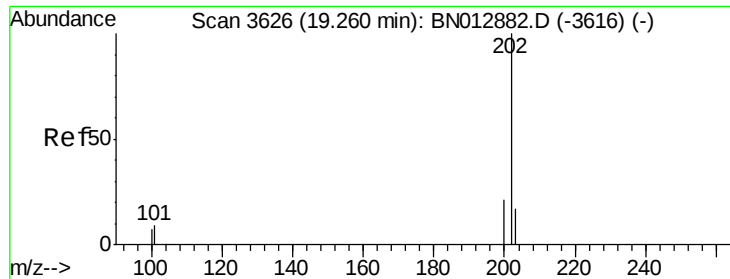


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Pvrene

Concen: 0.425 ng/ul

RT: 19.26 min Scan# 3626

Delta R.T. 0.00 min

Lab File: BN012884.D

Acq: 05 Dec 2020 15:35

Instrument :

BNA_N

ClientSampleId :

X2R11

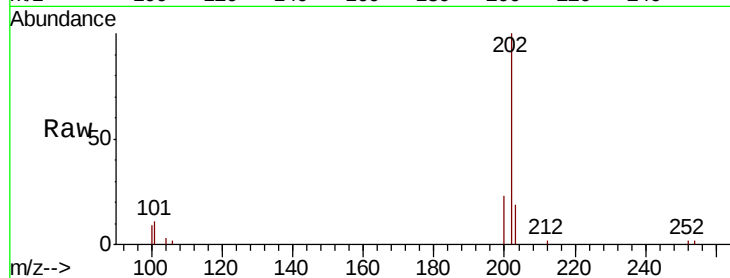
Tot Ion:202 Resp: 3628

Ion Ratio Lower Upper

202 100

101 11.0 9.4 14.2

100 9.3 8.6 12.8



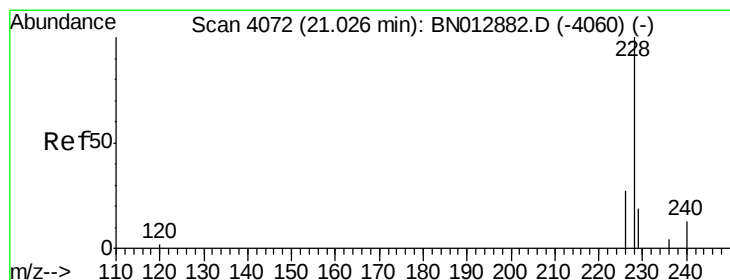
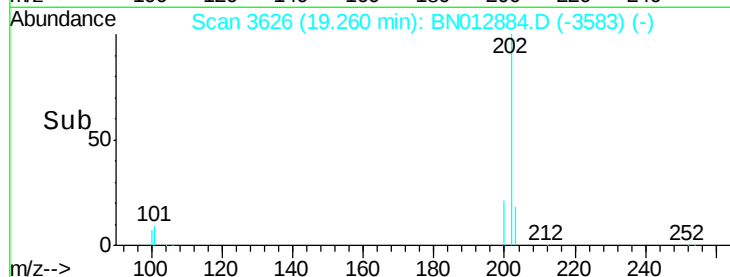
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

19.26

Time-->



#21

Benzo(a)anthracene

Concen: 0.722 ng/ul

RT: 21.03 min Scan# 4073

Delta R.T. 0.00 min

Lab File: BN012884.D

Acq: 05 Dec 2020 15:35

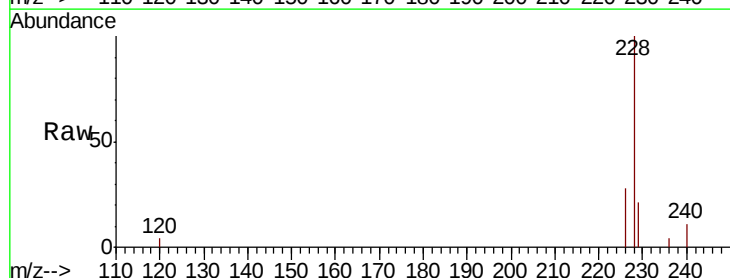
Tgt Ion:228 Resp: 4757

Ion Ratio Lower Upper

228 100

229 20.5 16.6 25.0

226 28.5 23.5 35.3



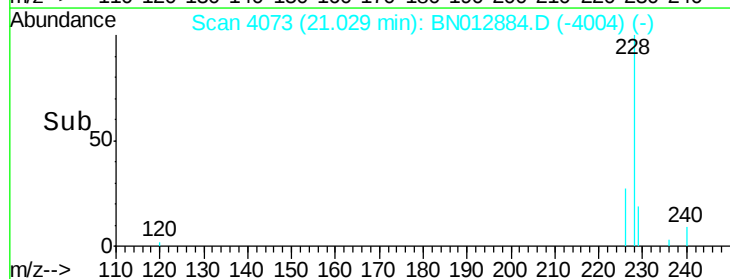
Abundance Ion 228.00 (227.70 to 228.70): E

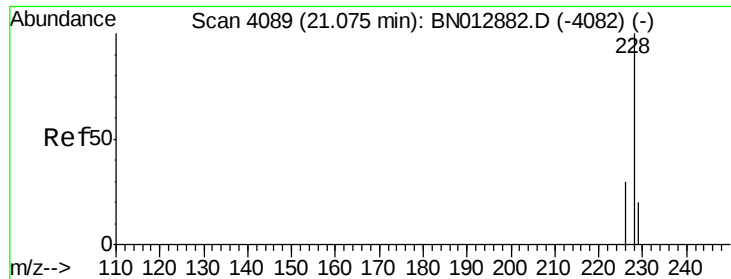
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

21.03

Time-->





#22

Chrysene

Concen: 0.382 ng/ul

RT: 21.08 min Scan# 4091

Delta R.T. 0.01 min

Lab File: BN012884.D

Acq: 05 Dec 2020 15:35

Instrument :

BNA_N

ClientSampleId :

X2R11

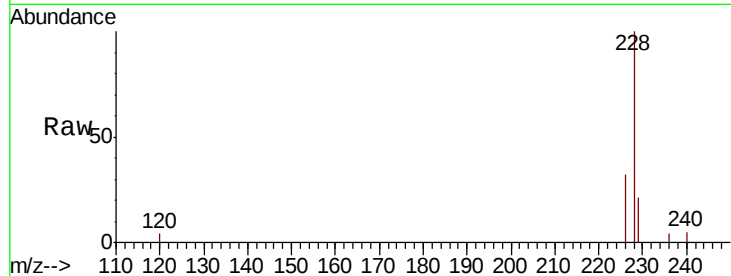
Tot Ion:228 Resp: 3027

Ion Ratio Lower Upper

228 100

226 31.6 23.9 35.9

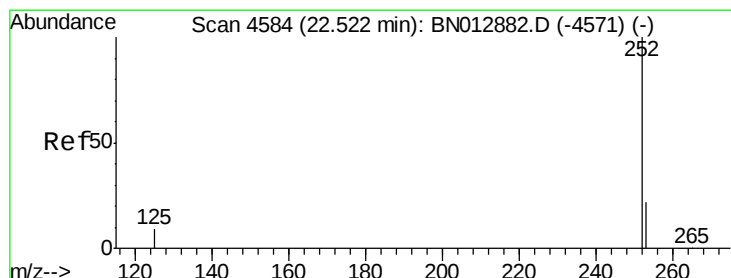
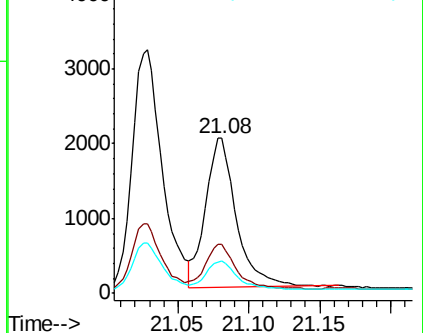
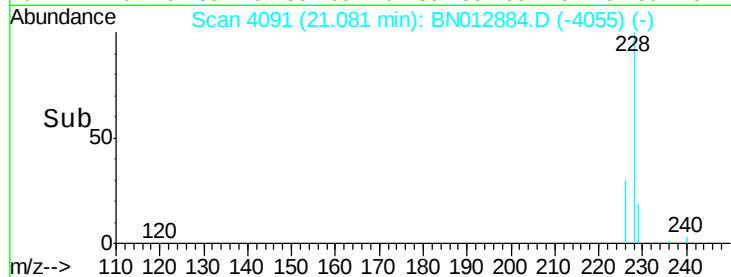
229 20.8 16.6 24.8



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: 0.340 ng/ul

RT: 22.53 min Scan# 4586

Delta R.T. 0.01 min

Lab File: BN012884.D

Acq: 05 Dec 2020 15:35

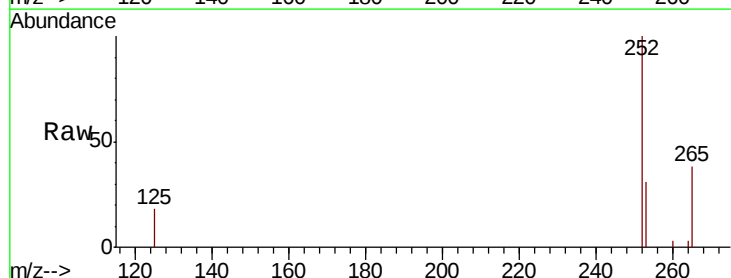
Tgt Ion:252 Resp: 2776

Ion Ratio Lower Upper

252 100

253 30.9 0.0 59.2

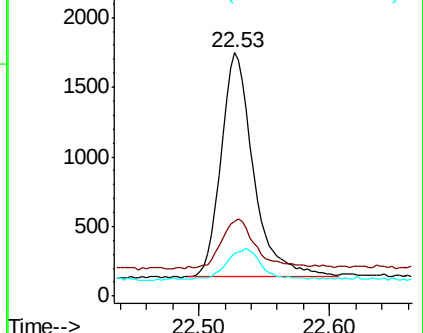
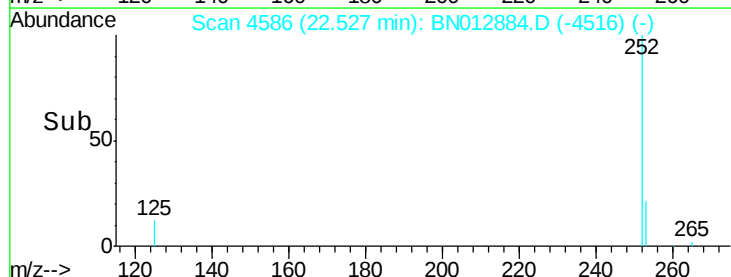
125 17.7 0.0 30.2

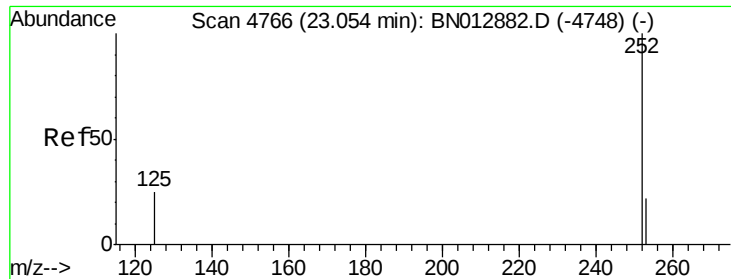


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 0.516 ng/ul

RT: 23.06 min Scan# 4768

Delta R.T. 0.01 min

Lab File: BN012884.D

Acq: 05 Dec 2020 15:35

Instrument :

BNA_N

ClientSampleId :

X2R11

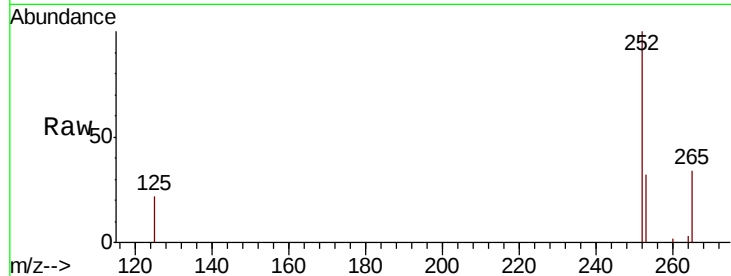
Tot Ion:252 Resp: 3968

Ion Ratio Lower Upper

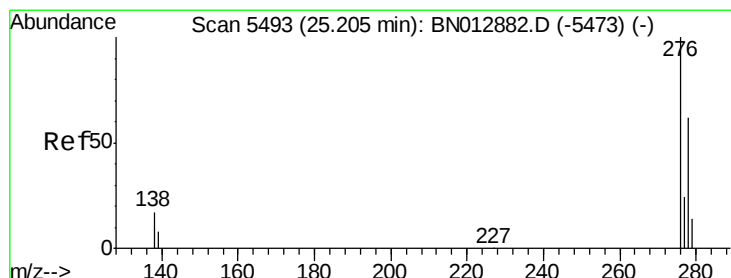
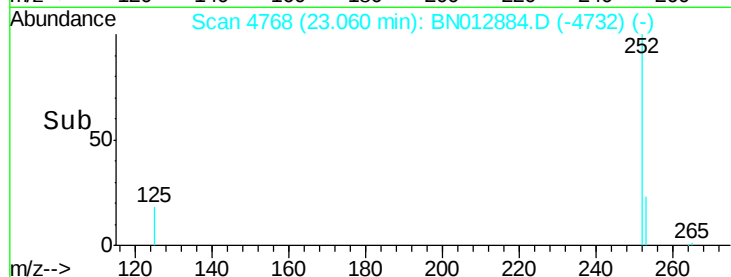
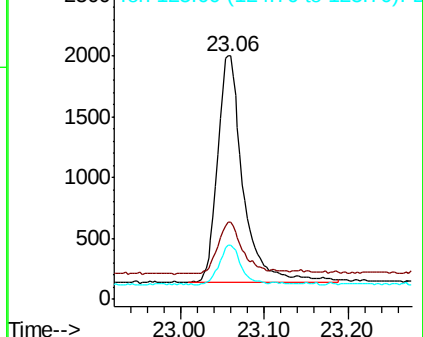
252 100

253 31.8 27.4 41.0

125 22.3 17.7 26.5



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: 0.368 ng/ul

RT: 25.21 min Scan# 5495

Delta R.T. 0.01 min

Lab File: BN012884.D

Acq: 05 Dec 2020 15:35

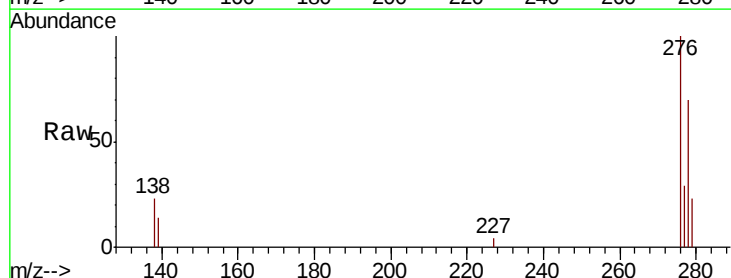
Tgt Ion:276 Resp: 3718

Ion Ratio Lower Upper

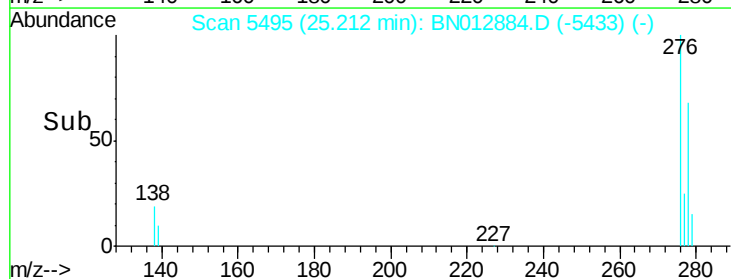
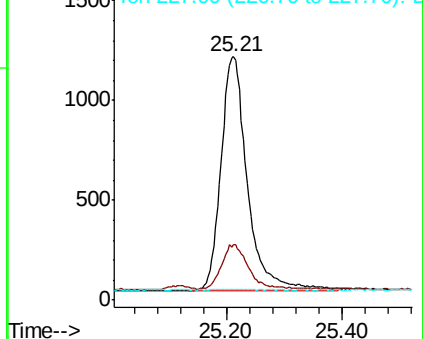
276 100

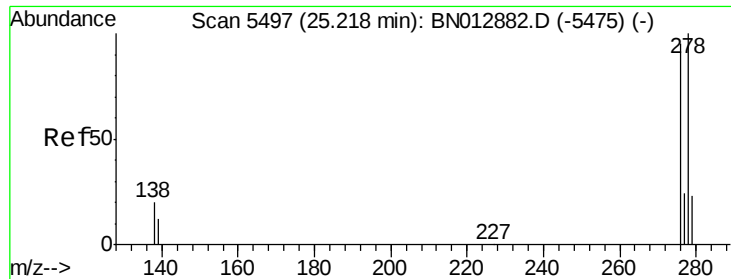
138 19.5 16.3 24.5

227 0.4 0.1 0.1#



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: 0.387 ng/ul

RT: 25.22 min Scan# 5498

Delta R.T. 0.00 min

Lab File: BN012884.D

Acq: 05 Dec 2020 15:35

Instrument :

BNA_N

ClientSampleId :

X2R11

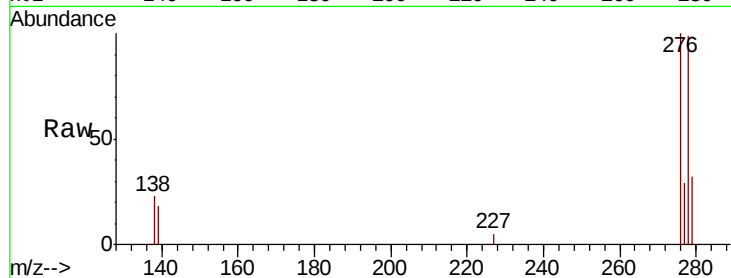
Tot Ion:278 Resp: 3147

Ion Ratio Lower Upper

278 100

139 18.0 13.4 20.2

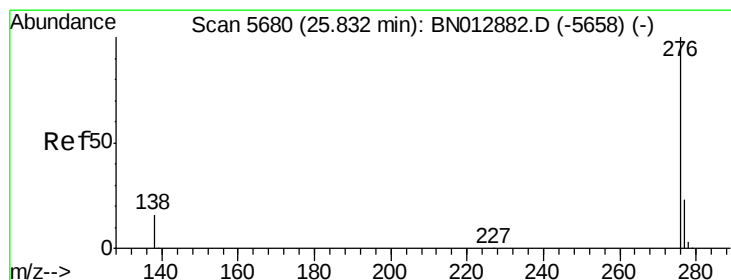
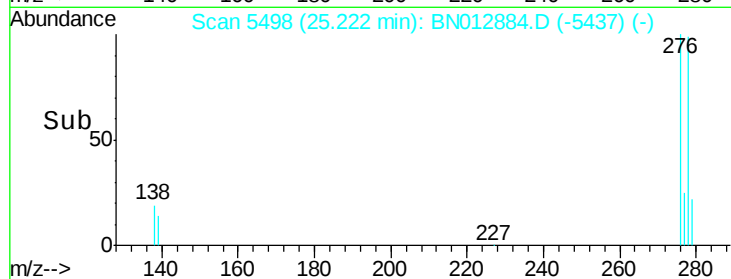
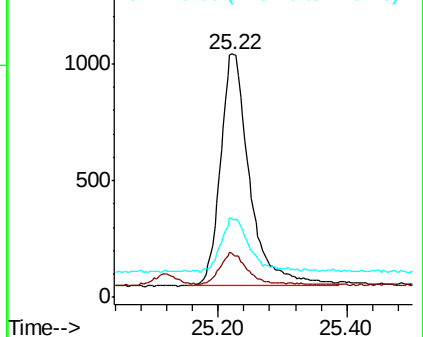
279 32.4 25.8 38.6



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: 0.426 ng/ul

RT: 25.84 min Scan# 5681

Delta R.T. 0.00 min

Lab File: BN012884.D

Acq: 05 Dec 2020 15:35

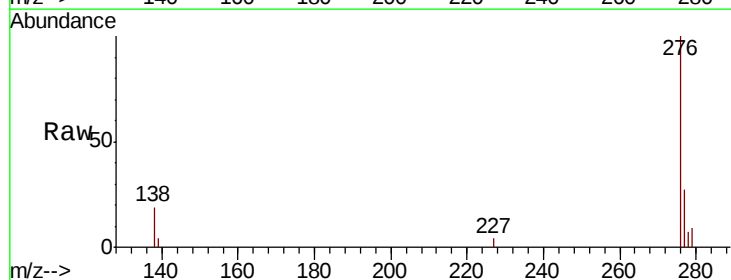
Tgt Ion:276 Resp: 3981

Ion Ratio Lower Upper

276 100

138 19.2 17.1 25.7

277 27.2 21.4 32.0



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

