

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012889.D
 Acq On : 05 Dec 2020 20:46
 Operator : CG/JU
 Sample : PB133283BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK83

Quant Time: Dec 07 01:02:10 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 01:01:09 2020
 Response via : Initial Calibration

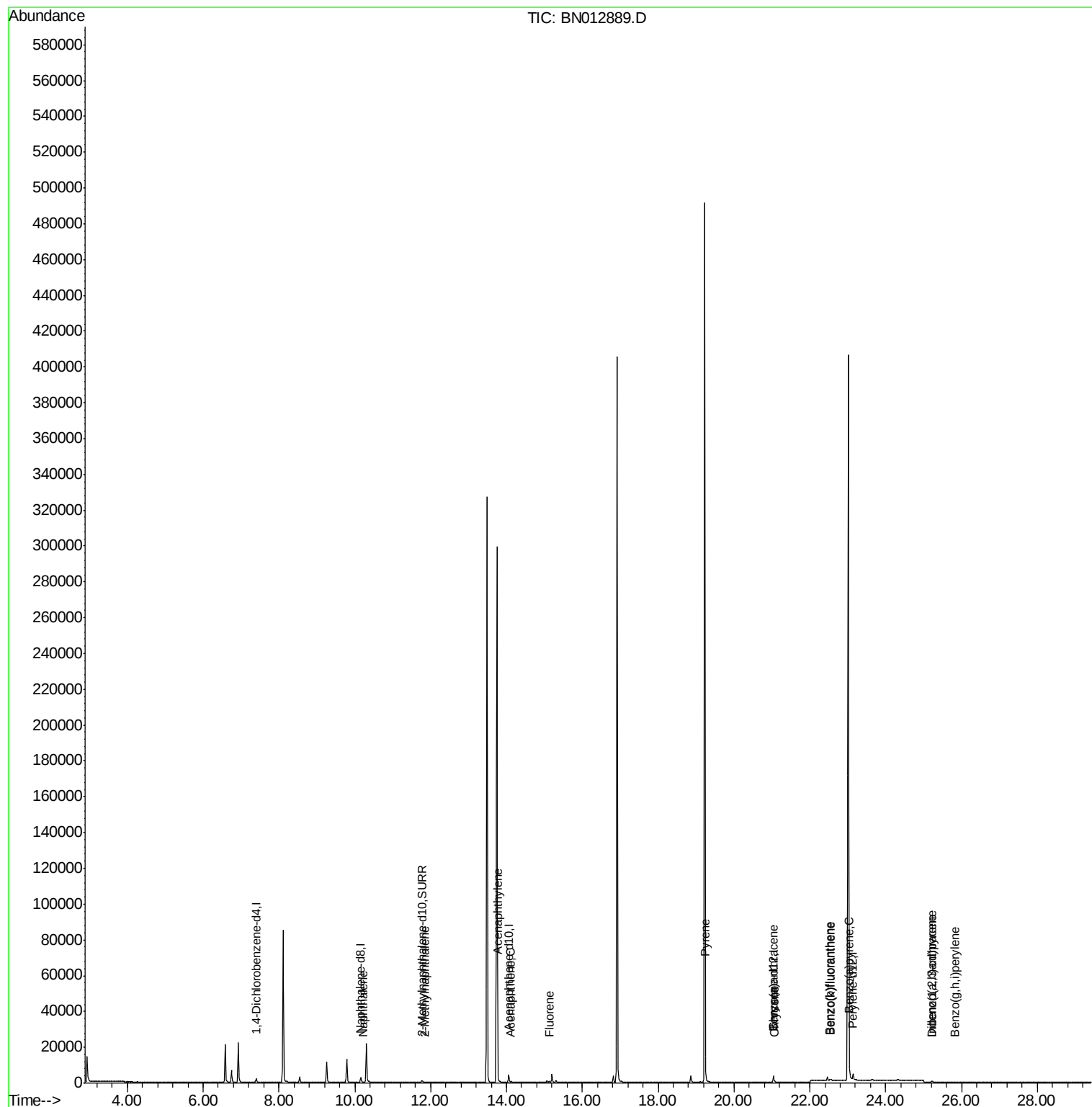
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	881	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	3409	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	2140	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.82
16) Chrysene-d12	21.04	240	3845	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	4520	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.77	152	1773	0.35	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	4284	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.21	128	220	0.022	ng/ul#	54
5) 2-Methylnaphthalene	11.85	142	144	0.022	ng/ul	99
7) Acenaphthylene	13.77	152	315	0.031	ng/ul#	68
8) Acenaphthene	14.12	153	187	0.023	ng/ul#	87
9) Fluorene	15.12	166	243	0.025	ng/ul#	89
17) Pyrene	19.25	202	498	0.027	ng/ul#	52
18) Benzo(a)anthracene	21.03	228	450	0.028	ng/ul#	85
19) Chrysene	21.08	228	500	0.028	ng/ul#	82
21) Benzo(b)fluoranthene	22.52	252	588	0.028	ng/ul#	27
22) Benzo(k)fluoranthene	22.56	252	563	0.024	ng/ul#	32
23) Benzo(a)pyrene	23.05	252	502	0.026	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.22	276	679	0.027	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.23	278	534	0.026	ng/ul#	34
26) Benzo(g,h,i)perylene	25.85	276	588	0.026	ng/ul#	64

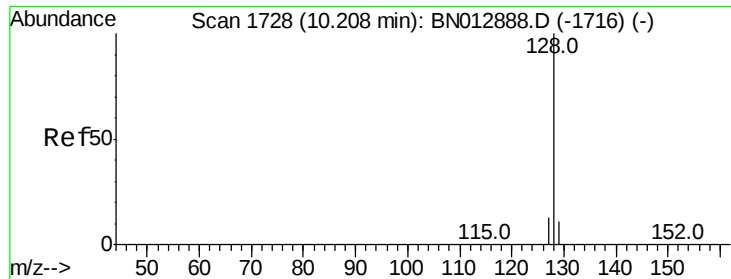
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 07 01:01:09 2020
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#3

Naphthalene

Concen: 0.022 ng/ul

RT: 10.21 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BN012889.D

Acq: 05 Dec 2020 20:46

Instrument :

BNA_N

ClientSampleId :

SBLK83

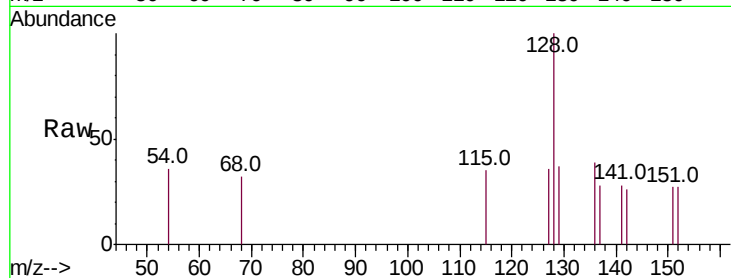
Tot Ion:128 Resp: 220

Ion Ratio Lower Upper

128 100

129 37.3 12.3 18.5#

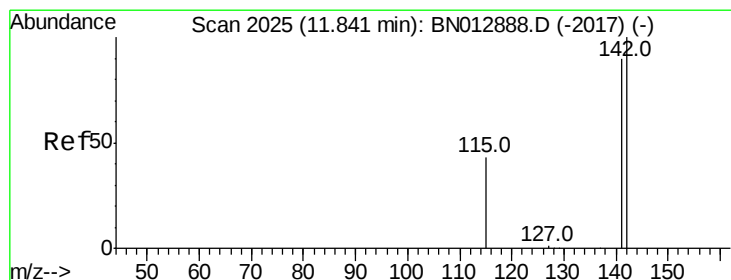
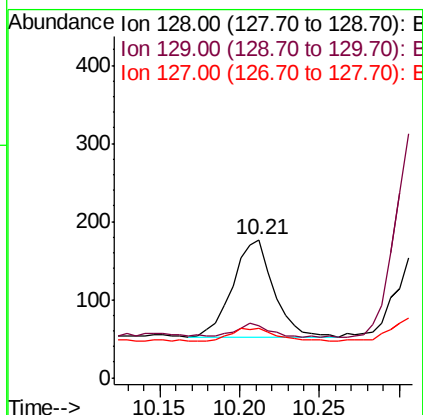
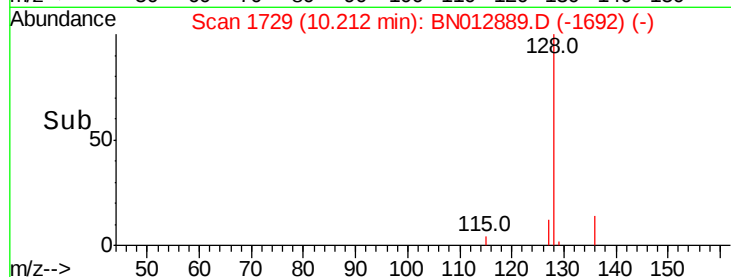
127 35.6 14.2 21.4#



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



#5

2-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 11.85 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BN012889.D

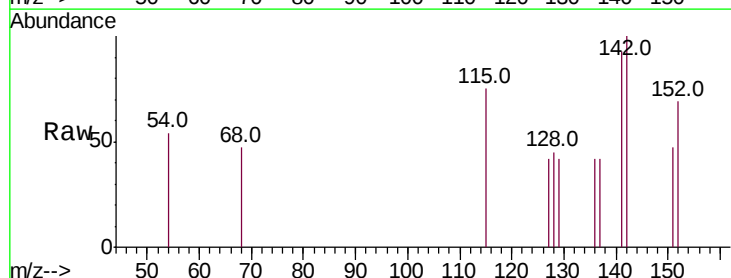
Acq: 05 Dec 2020 20:46

Tgt Ion:142 Resp: 144

Ion Ratio Lower Upper

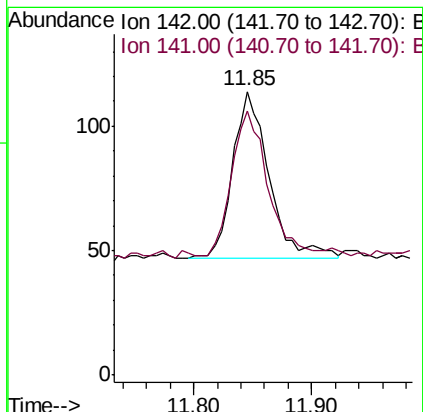
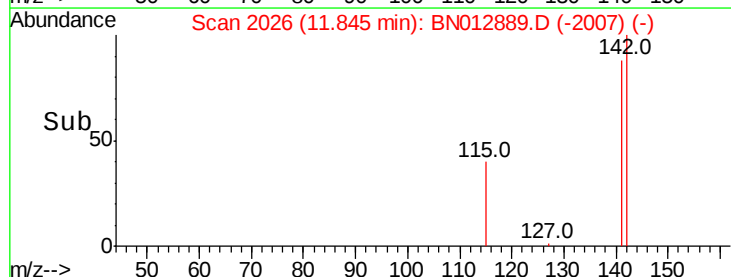
142 100

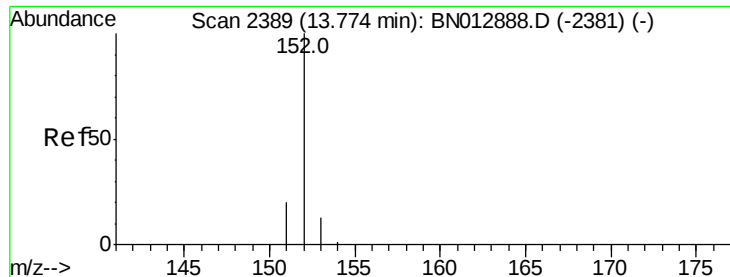
141 90.3 73.0 109.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 13.77 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BN012889.D

Acq: 05 Dec 2020 20:46

Instrument :

BNA_N

ClientSampleId :

SBLK83

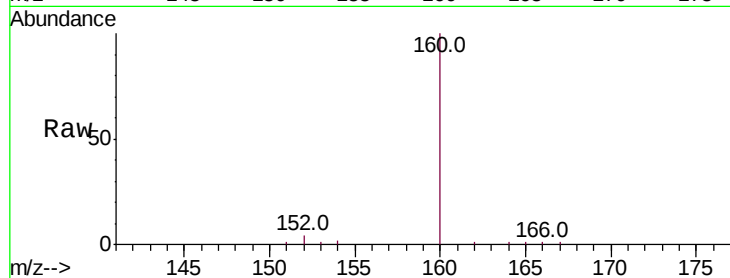
Tot Ion:152 Resp: 315

Ion Ratio Lower Upper

152 100

151 36.3 18.2 27.4#

153 32.1 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

13.77

250

200

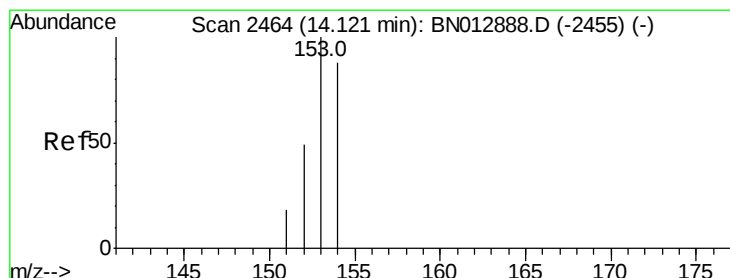
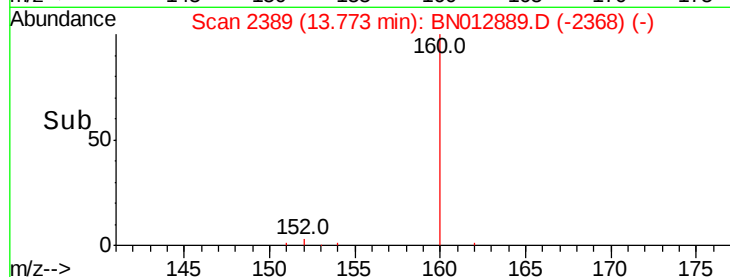
150

100

50

0

Time-->



#8

Acenaphthene

Concen: 0.023 ng/ul

RT: 14.12 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BN012889.D

Acq: 05 Dec 2020 20:46

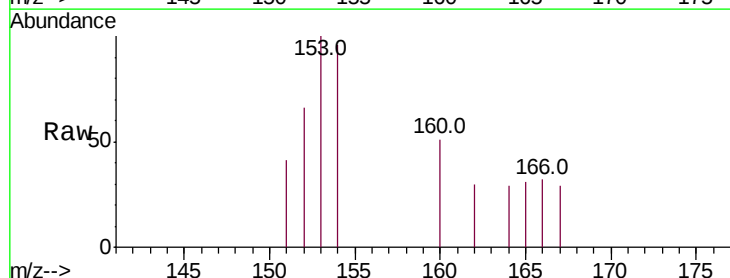
Tgt Ion:153 Resp: 187

Ion Ratio Lower Upper

153 100

152 66.3 40.7 61.1#

154 95.9 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

14.12

200

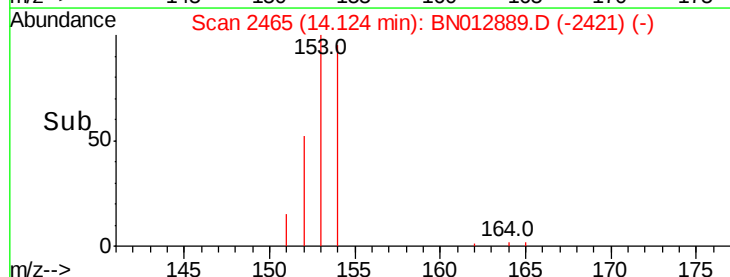
150

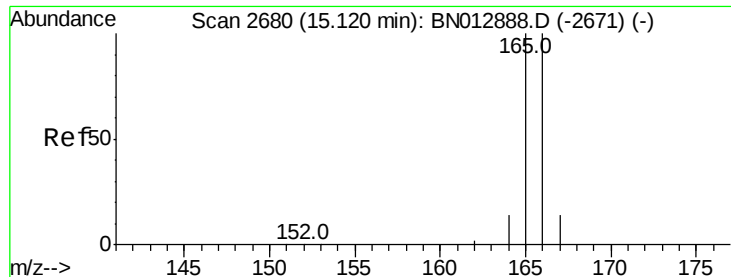
100

50

0

Time-->





#9

Fluorene

Concen: 0.025 ng/ul

RT: 15.12 min Scan# 2680

Delta R.T. -0.00 min

Lab File: BN012889.D

Acq: 05 Dec 2020 20:46

Instrument :

BNA_N

ClientSampleId :

SBLK83

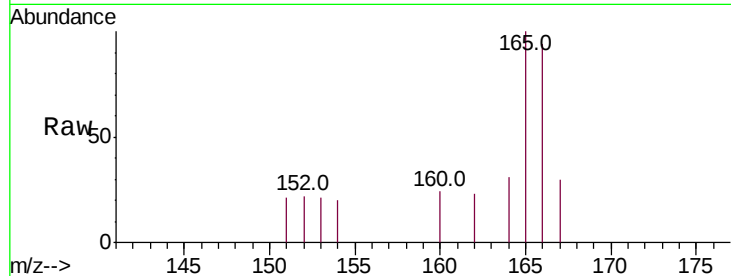
Tot Ion:166 Resp: 243

Ion Ratio Lower Upper

166 100

165 106.4 79.8 119.8

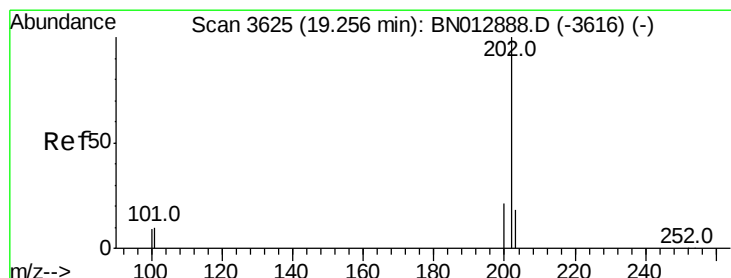
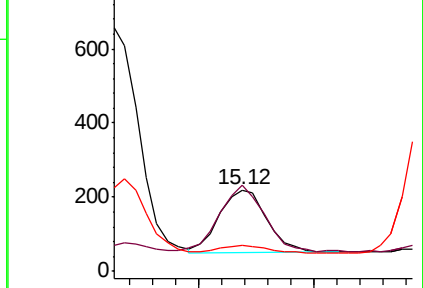
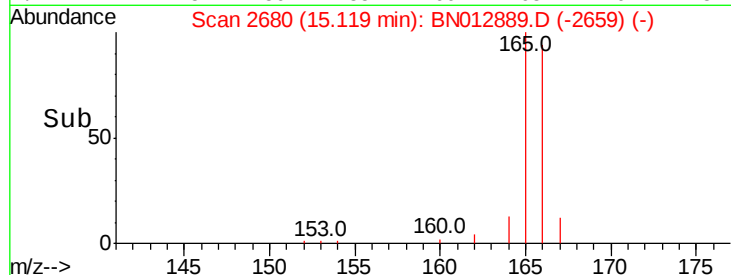
167 31.8 13.8 20.8#



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



#17

Pyrene

Concen: 0.027 ng/ul

RT: 19.25 min Scan# 3625

Delta R.T. -0.00 min

Lab File: BN012889.D

Acq: 05 Dec 2020 20:46

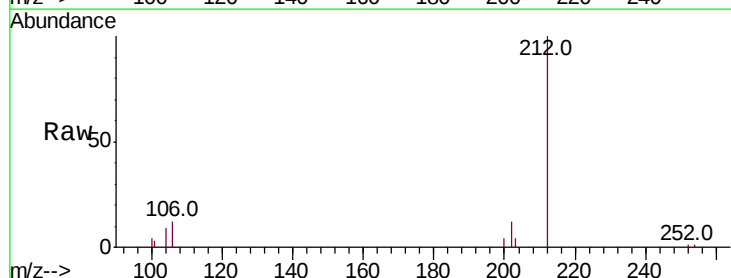
Tgt Ion:202 Resp: 498

Ion Ratio Lower Upper

202 100

101 23.7 9.1 13.7#

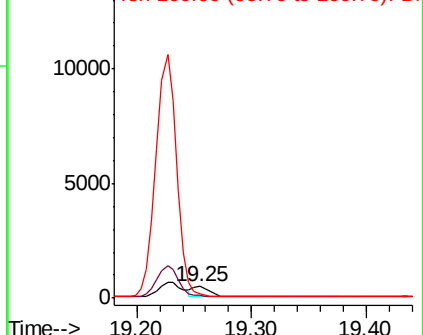
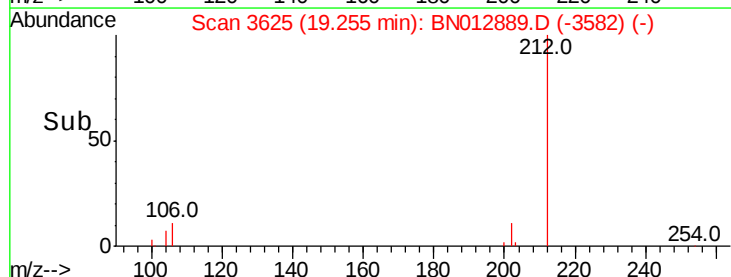
100 33.8 7.5 11.3#

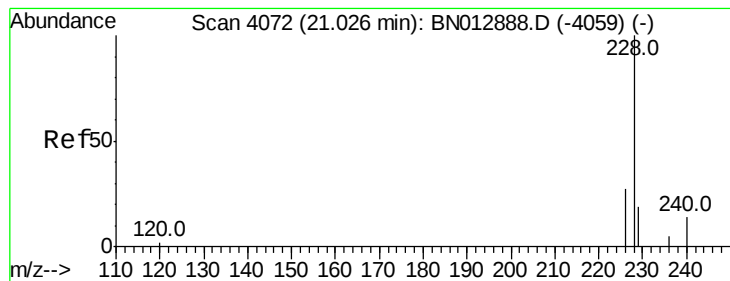


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 0.028 ng/ul

RT: 21.03 min Scan# 4073

Delta R.T. 0.00 min

Lab File: BN012889.D

Acq: 05 Dec 2020 20:46

Instrument :

BNA_N

ClientSampleId :

SBLK83

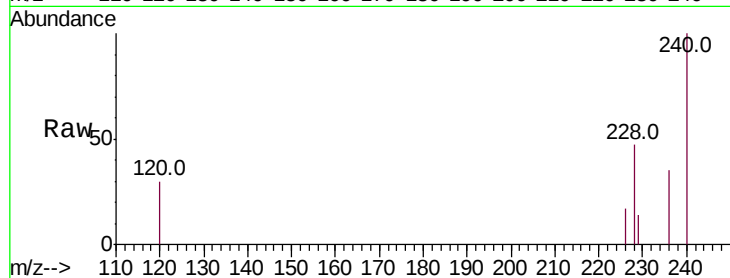
Tot Ion:228 Resp: 450

Ion Ratio Lower Upper

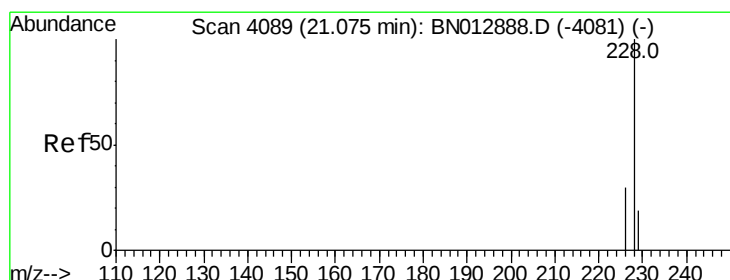
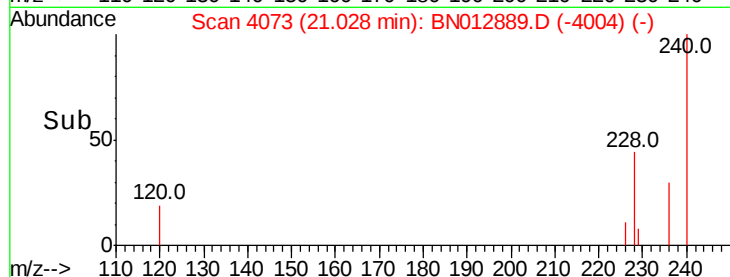
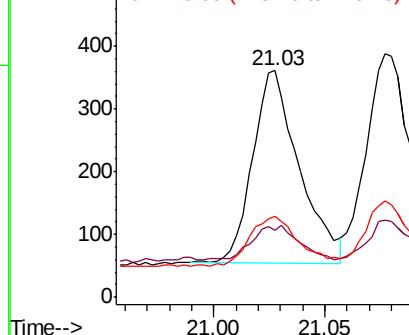
228 100

229 29.6 16.3 24.5#

226 35.7 23.4 35.2#



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



#19

Chrysene

Concen: 0.028 ng/ul

RT: 21.08 min Scan# 4090

Delta R.T. 0.00 min

Lab File: BN012889.D

Acq: 05 Dec 2020 20:46

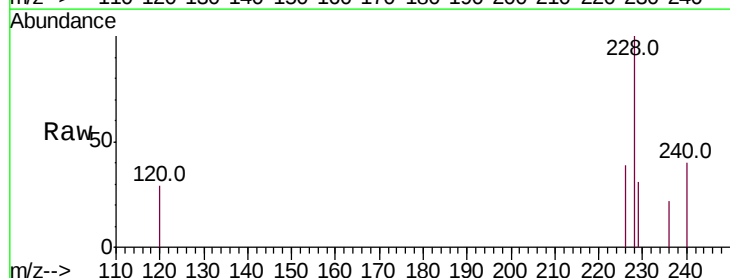
Tgt Ion:228 Resp: 500

Ion Ratio Lower Upper

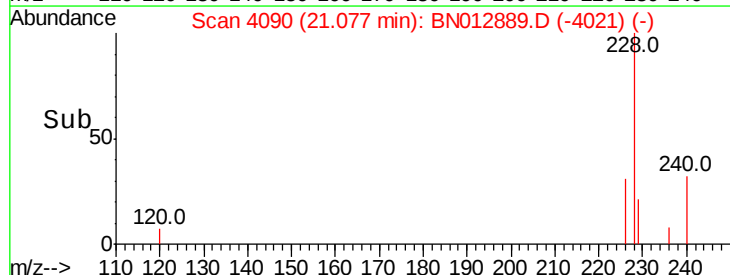
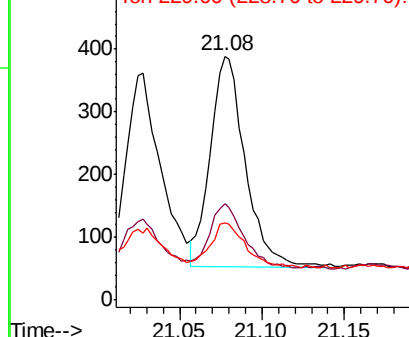
228 100

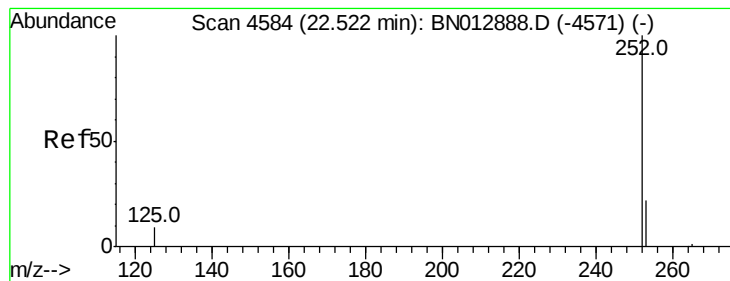
226 39.4 25.0 37.6#

229 31.4 16.4 24.6#



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





#21

Benzo(b)fluoranthene

Concen: 0.028 ng/ul

RT: 22.52 min Scan# 4584

Delta R.T. -0.00 min

Lab File: BN012889.D

Acq: 05 Dec 2020 20:46

Instrument :

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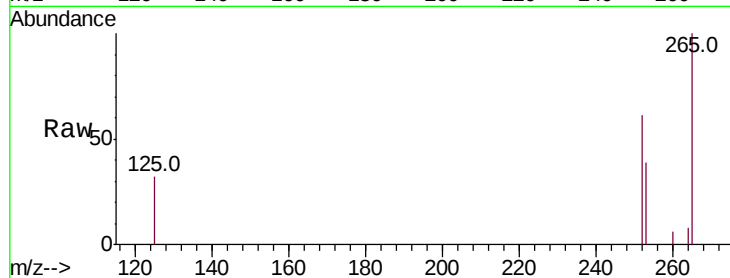
Tot Ion:252 Resp: 588

Ion Ratio Lower Upper

252 100

253 63.9 0.0 59.6#

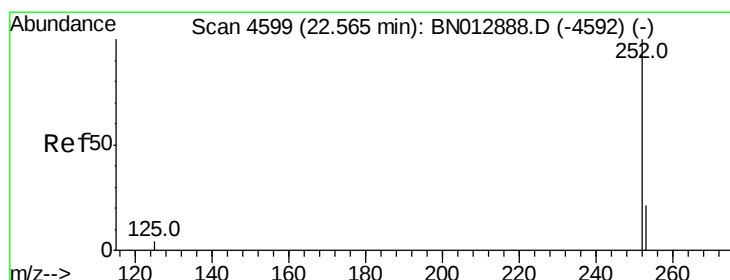
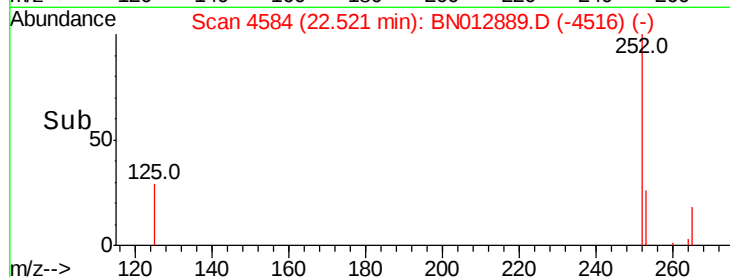
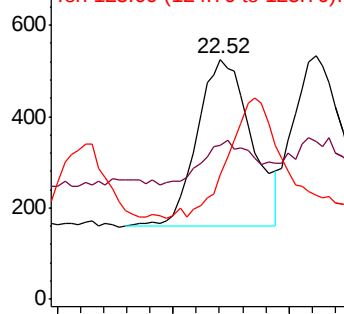
125 51.7 0.0 26.0#



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



#22

Benzo(k)fluoranthene

Concen: 0.024 ng/ul

RT: 22.56 min Scan# 4598

Delta R.T. -0.00 min

Lab File: BN012889.D

Acq: 05 Dec 2020 20:46

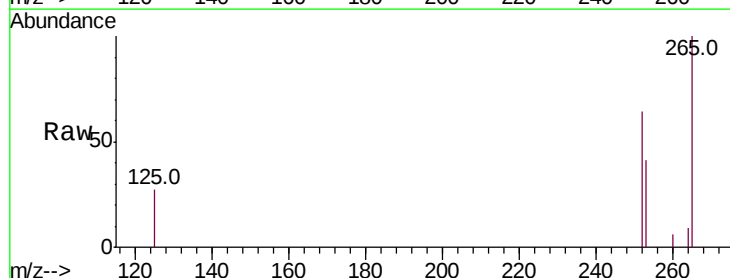
Tgt Ion:252 Resp: 563

Ion Ratio Lower Upper

252 100

253 64.7 23.4 35.2#

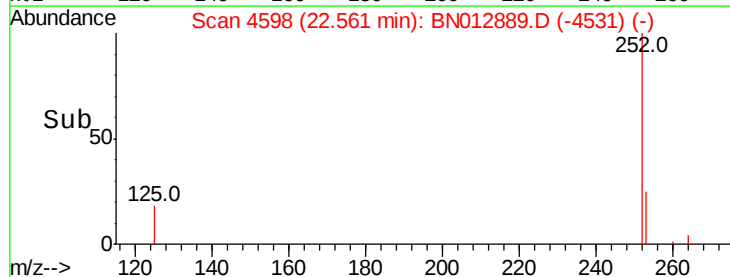
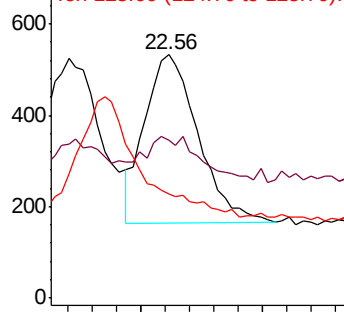
125 43.0 11.1 16.7#

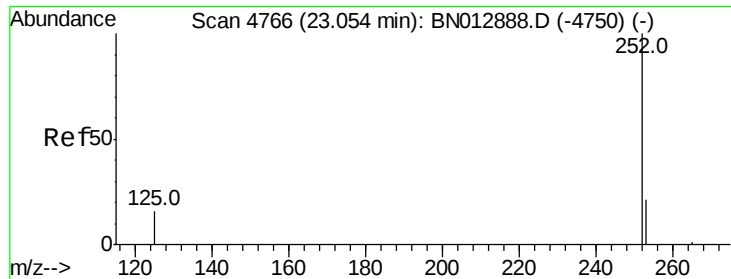


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.026 ng/u1

RT: 23.05 min Scan# 4765

Delta R.T. -0.00 min

Lab File: BN012889.D

Acq: 05 Dec 2020 20:46

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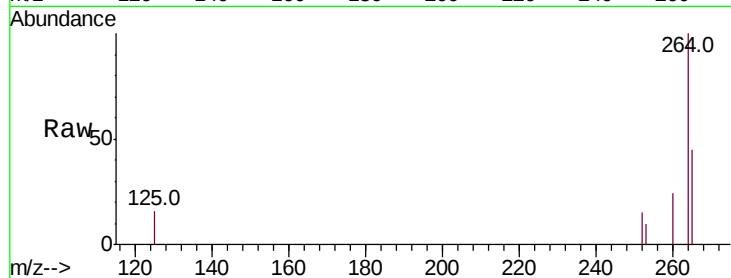
Tot Ion:252 Resp: 502

Ion Ratio Lower Upper

252 100

253 68.8 26.5 39.7#

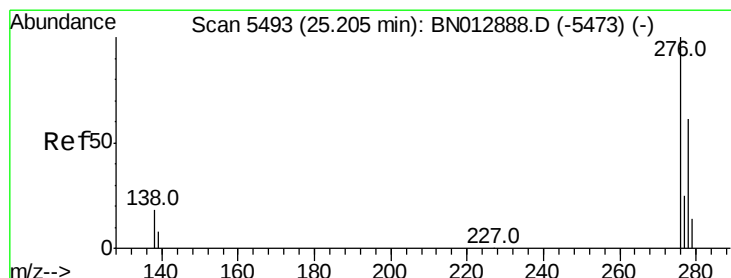
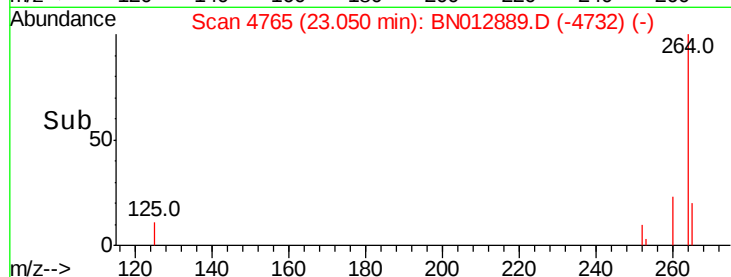
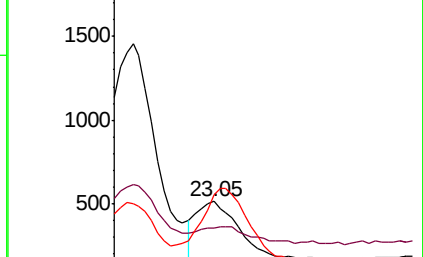
125 107.6 14.2 21.2#



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: 0.027 ng/u1

RT: 25.22 min Scan# 5498

Delta R.T. 0.02 min

Lab File: BN012889.D

Acq: 05 Dec 2020 20:46

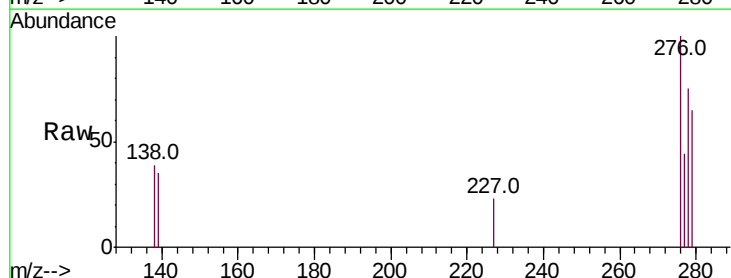
Tgt Ion:276 Resp: 679

Ion Ratio Lower Upper

276 100

138 20.8 16.2 24.2

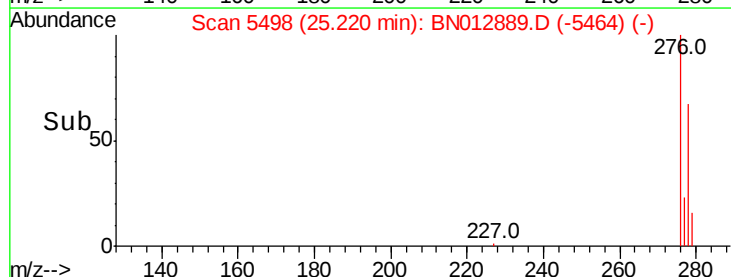
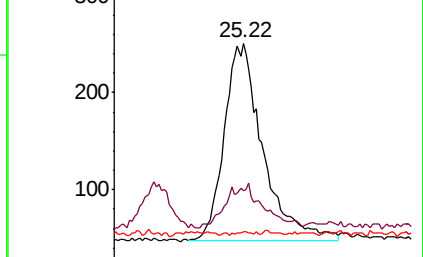
227 0.7 0.0 0.0#

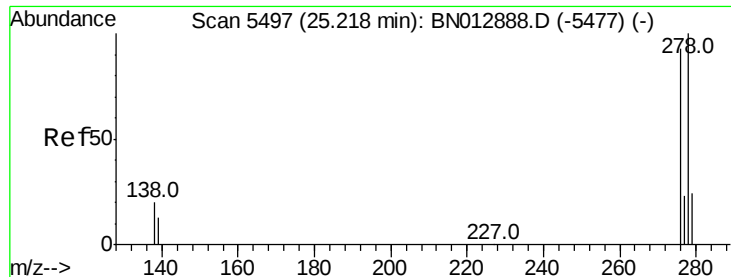


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.026 ng/u1

RT: 25.23 min Scan# 5500

Delta R.T. 0.01 min

Lab File: BN012889.D

Acq: 05 Dec 2020 20:46

Instrument :

BNA_N

ClientSampleId :

SBLK83

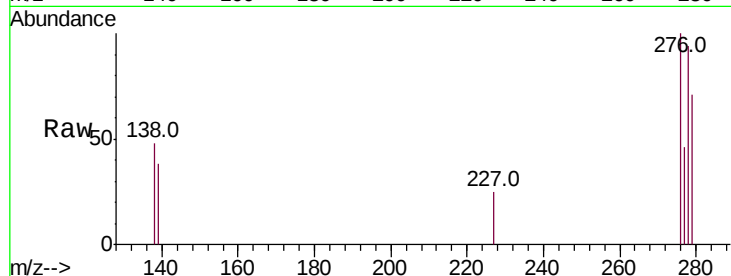
Tot Ion:278 Resp: 534

Ion Ratio Lower Upper

278 100

139 40.8 14.5 21.7#

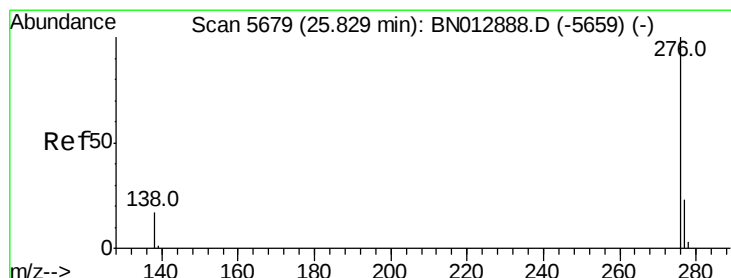
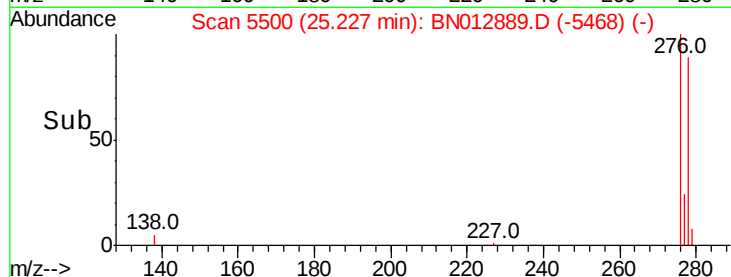
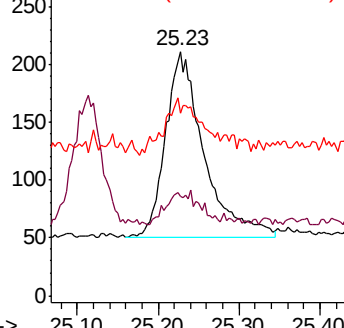
279 74.9 26.3 39.5#



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(g,h,i)perylene

Concen: 0.026 ng/u1

RT: 25.85 min Scan# 5685

Delta R.T. 0.02 min

Lab File: BN012889.D

Acq: 05 Dec 2020 20:46

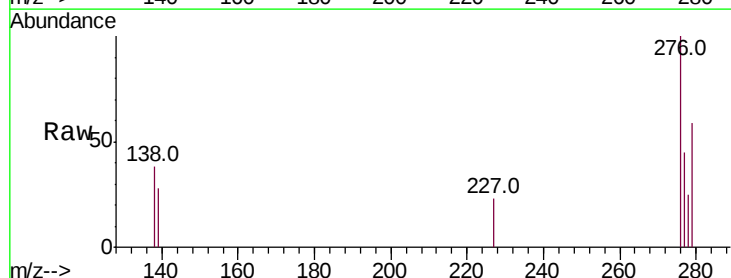
Tgt Ion:276 Resp: 588

Ion Ratio Lower Upper

276 100

138 37.8 16.3 24.5#

277 45.2 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

