

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
 Data File : BN004270.D
 Acq On : 28 Dec 2018 19:41
 Operator : JU/SJ
 Sample : J6541-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F67

Quant Time: Dec 28 22:20:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 28 22:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2286	0.40	ng/ul	0.00
2) Naphthalene-d8	10.61	136	10122	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.46	164	5966	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	928552	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.40
20) Perylene-d12	23.57	264	1125424	0.40	ng/ul	-0.16

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.21	152	4336	0.28	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

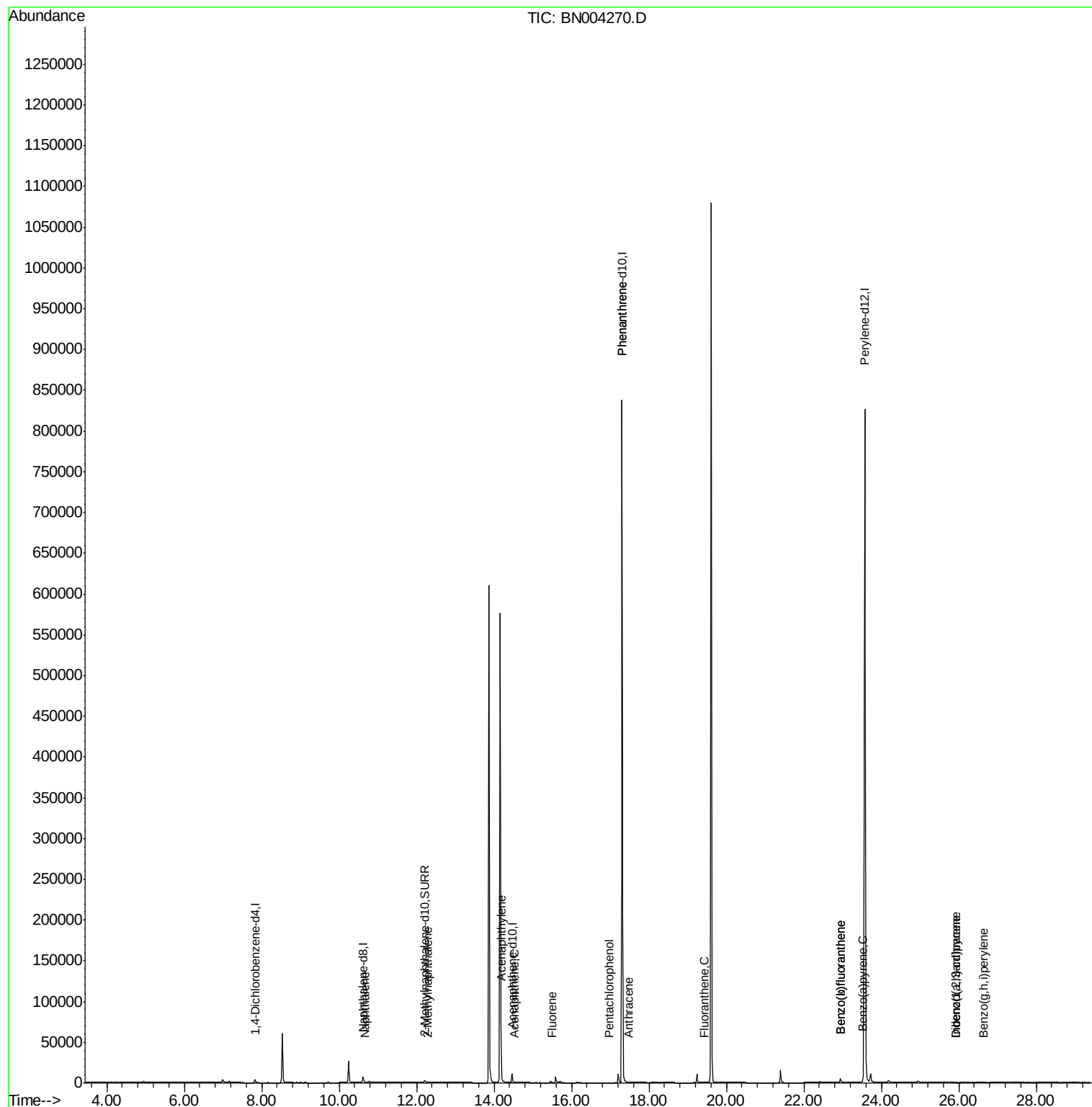
Target Compounds				Qvalue		
3) Naphthalene	10.67	128	650	0.023	ng/ul#	71
5) 2-Methylnaphthalene	12.29	142	69	0.003	ng/ul#	67
7) Acenaphthylene	14.19	152	48	0.002	ng/ul#	1
8) Acenaphthene	14.53	153	36	0.002	ng/ul#	81
9) Fluorene	15.51	166	69	0.003	ng/ul#	81
11) Pentachlorophenol	16.97	266	2	0.000	ng/ul#	1
12) Phenanthrene	17.31	178	474	0.000	ng/ul#	1
13) Anthracene	17.48	178	7	0.000	ng/ul#	1
15) Fluoranthene	19.43	202	9	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.94	252	145	0.000	ng/ul#	1
22) Benzo(k)fluoranthene	22.94	252	145	0.000	ng/ul#	1
23) Benzo(a)pyrene	23.52	252	192	0.000	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.92	276	4	0.000	ng/ul#	79
25) Dibenzo(a,h)anthracene	25.93	278	9	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.65	276	4	0.000	ng/ul#	1

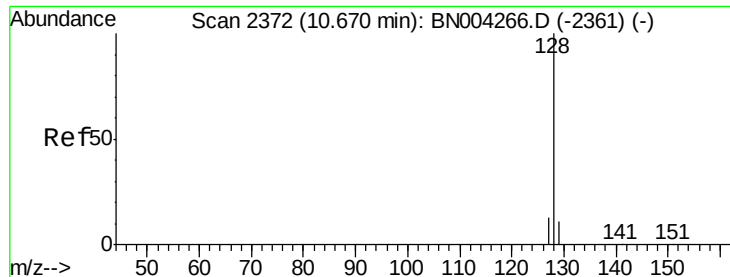
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.67 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BN004270.D

Acq: 28 Dec 2018 19:41

Instrument :

BNA_N

ClientSampleId :

F9F67

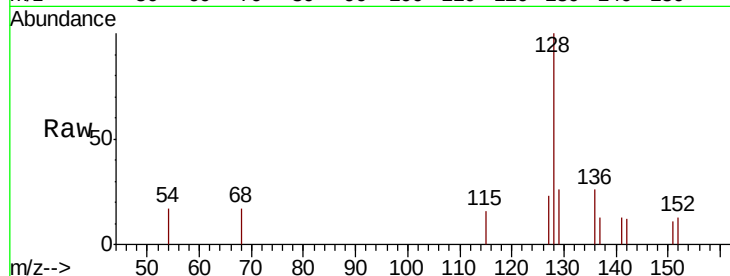
Tgt Ion:128 Resp: 650

Ion Ratio Lower Upper

128 100

129 25.6 9.5 14.3#

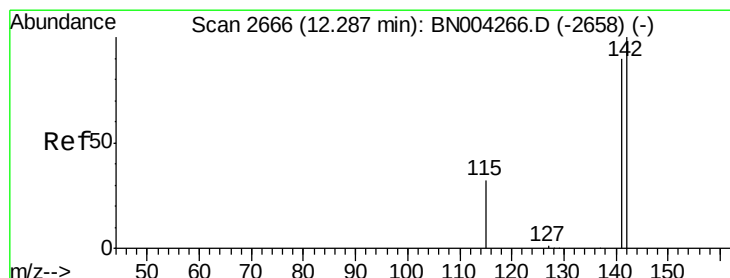
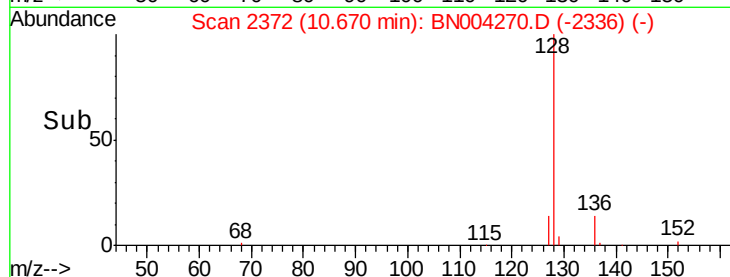
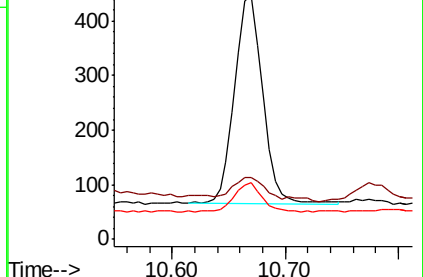
127 23.3 11.0 16.4#



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: 0.003 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BN004270.D

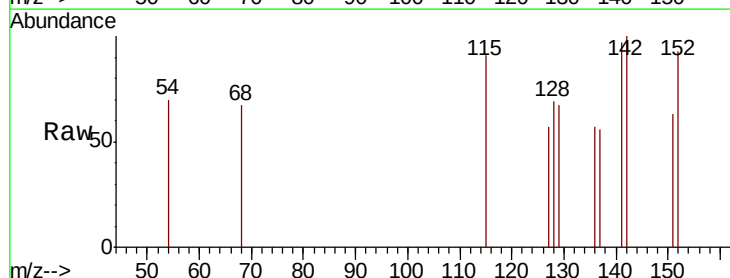
Acq: 28 Dec 2018 19:41

Tgt Ion:142 Resp: 69

Ion Ratio Lower Upper

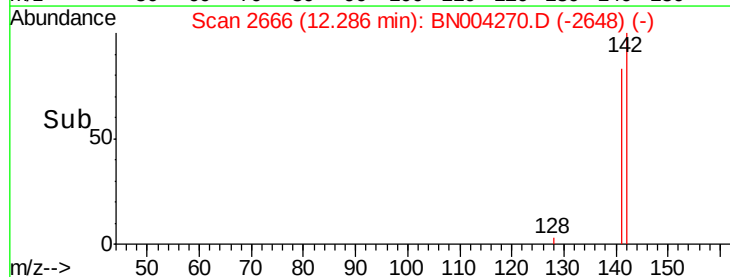
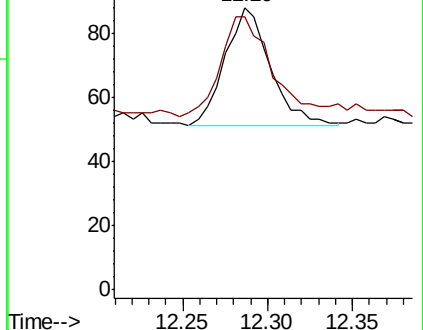
142 100

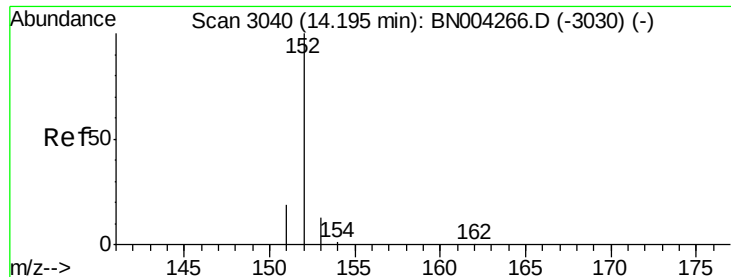
141 120.3 71.4 107.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.002 ng/ul

RT: 14.19 min Scan# 3038

Delta R.T. -0.01 min

Lab File: BN004270.D

Acq: 28 Dec 2018 19:41

Instrument :

BNA_N

ClientSampleId :

F9F67

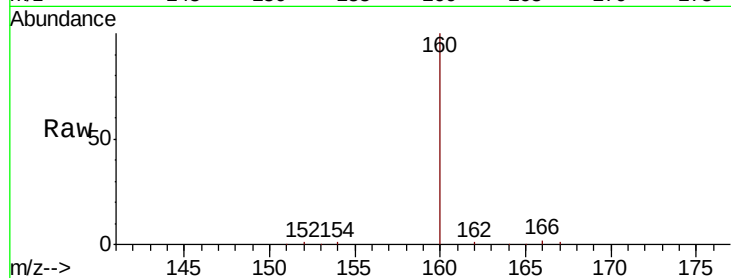
Tgt Ion:152 Resp: 48

Ion Ratio Lower Upper

152 100

151 71.8 16.3 24.5#

153 76.9 11.1 16.7#

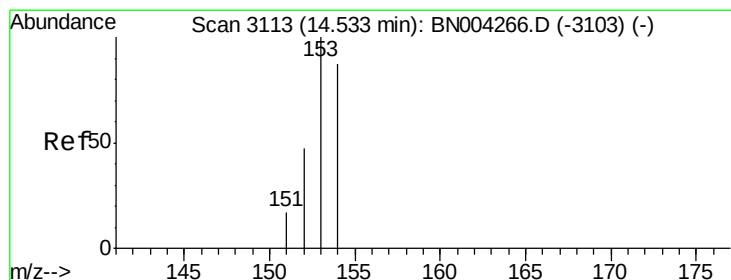
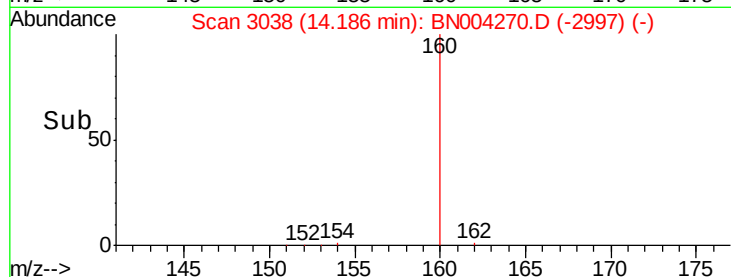
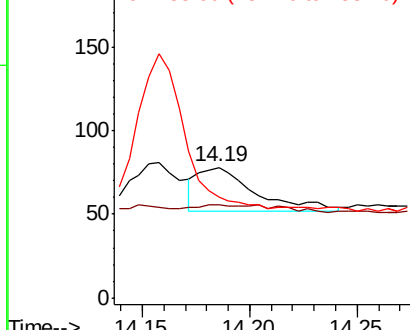


Abundance

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: 0.002 ng/ul

RT: 14.53 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BN004270.D

Acq: 28 Dec 2018 19:41

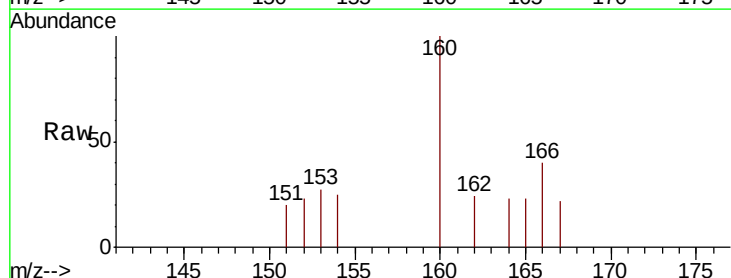
Tgt Ion:153 Resp: 36

Ion Ratio Lower Upper

153 100

152 82.2 38.2 57.2#

154 90.4 70.9 106.3

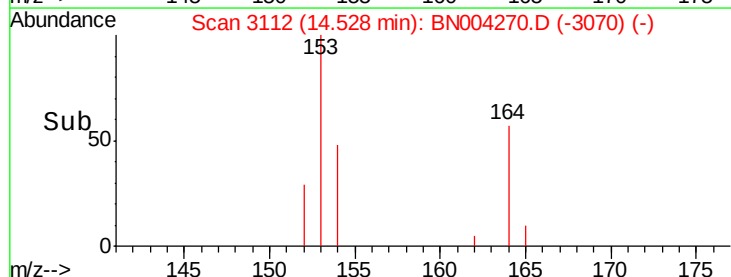
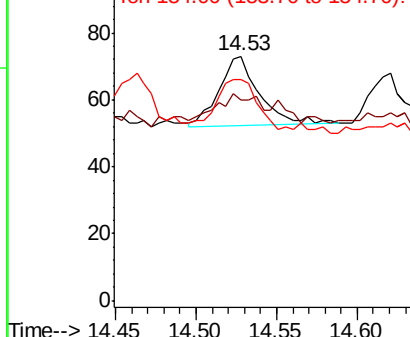


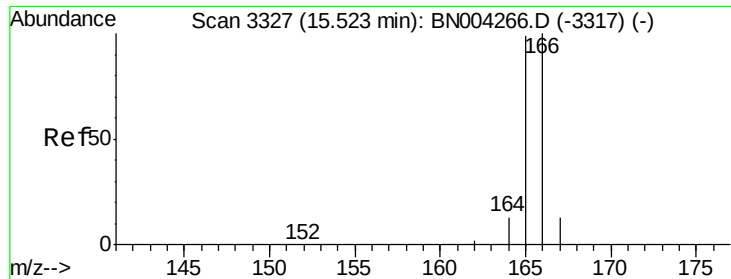
Abundance

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: 0.003 ng/ul

RT: 15.51 min Scan# 3325

Delta R.T. -0.01 min

Lab File: BN004270.D

Acq: 28 Dec 2018 19:41

Instrument :

BNA_N

ClientSampleId :

F9F67

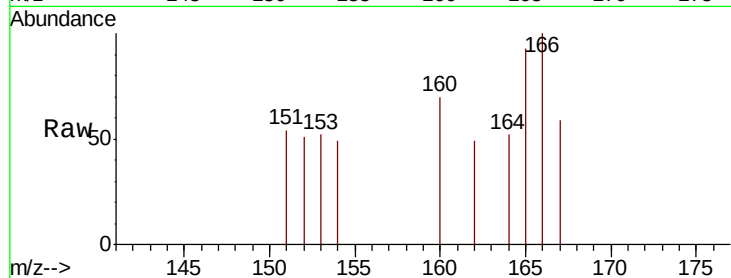
Tgt Ion:166 Resp: 69

Ion Ratio Lower Upper

166 100

165 92.5 79.0 118.6

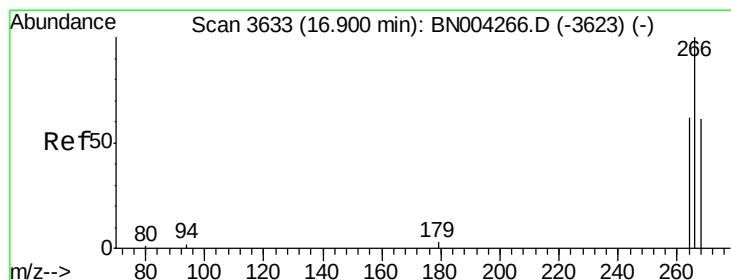
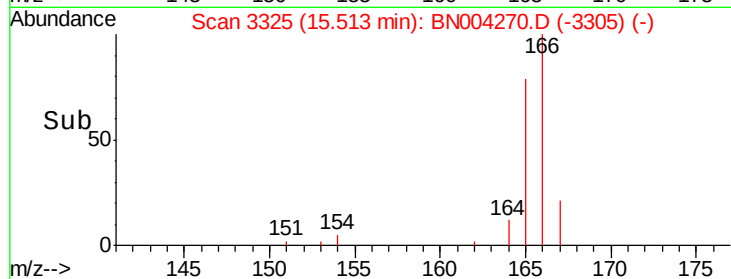
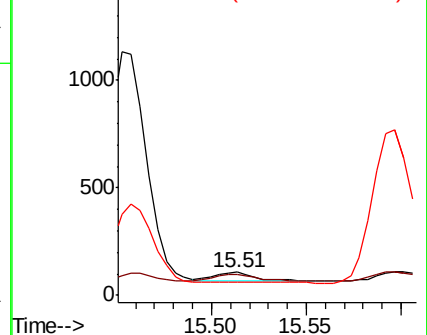
167 58.9 11.3 16.9#



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



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.97 min Scan# 3649

Delta R.T. 0.07 min

Lab File: BN004270.D

Acq: 28 Dec 2018 19:41

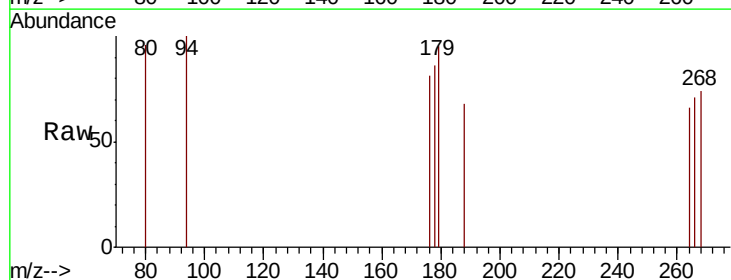
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 250.0 51.1 76.7#

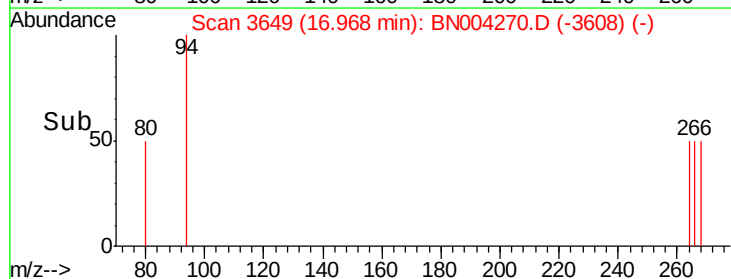
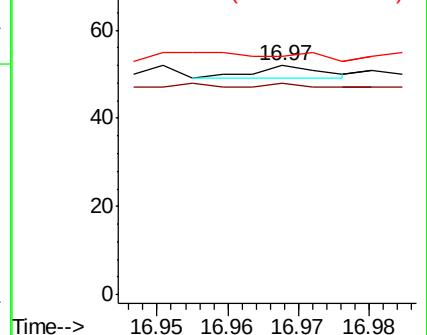
268 150.0 52.6 78.8#

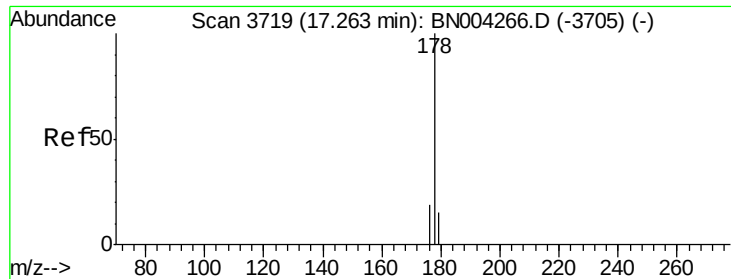


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.31 min Scan# 3729

Delta R.T. 0.04 min

Lab File: BN004270.D

Acq: 28 Dec 2018 19:41

Instrument :

BNA_N

ClientSampleId :

F9F67

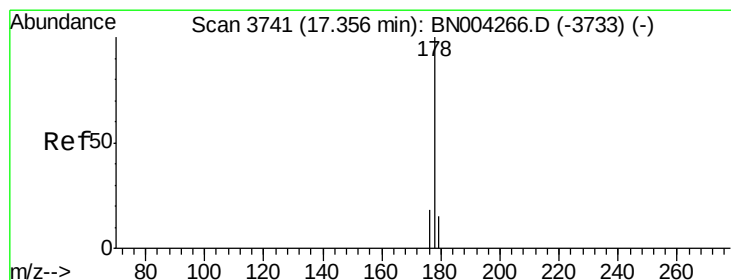
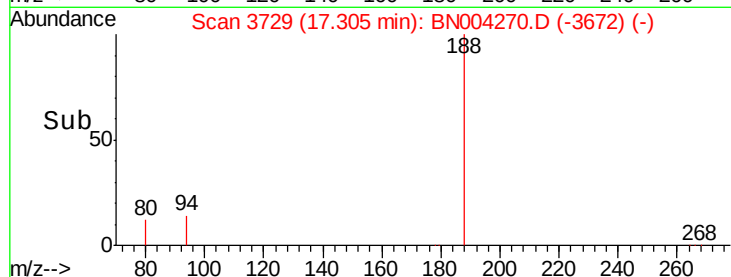
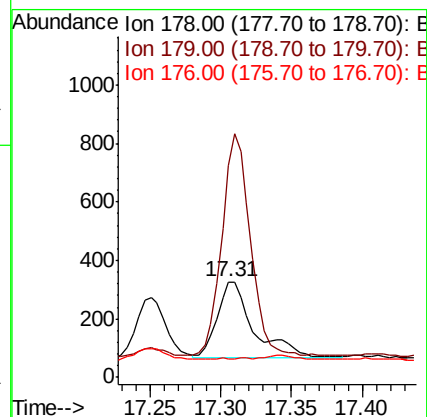
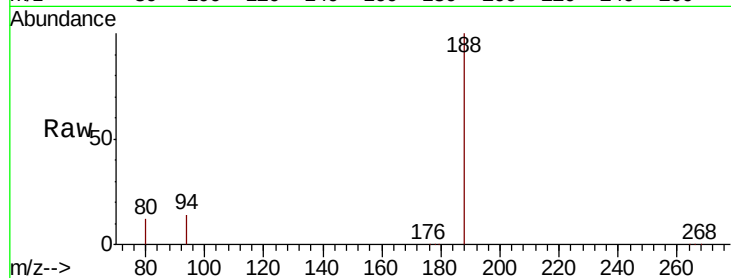
Tgt Ion:178 Resp: 474

Ion Ratio Lower Upper

178 100

179 222.0 12.6 18.8#

176 19.0 15.2 22.8



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.48 min Scan# 3770

Delta R.T. 0.12 min

Lab File: BN004270.D

Acq: 28 Dec 2018 19:41

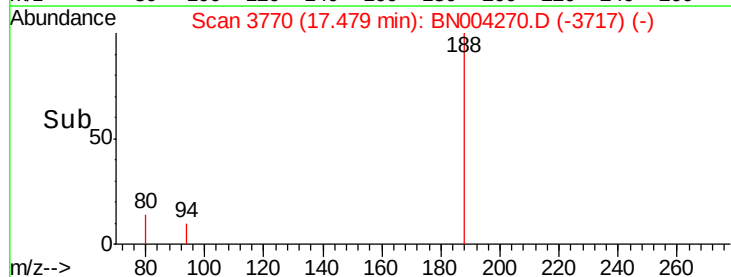
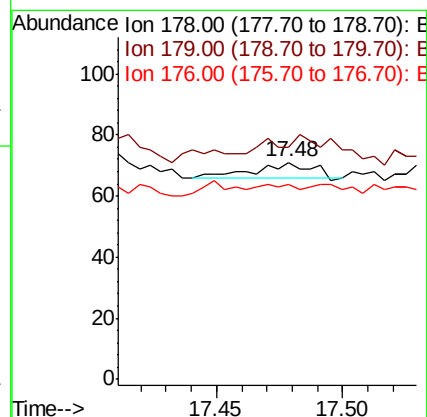
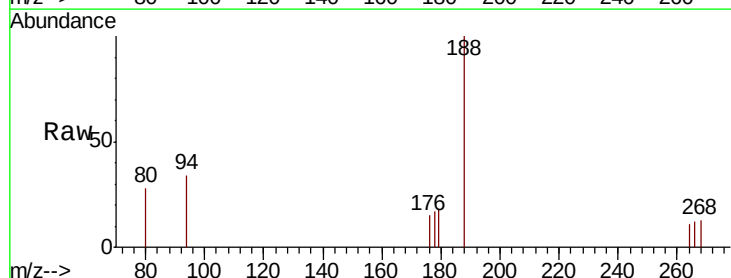
Tgt Ion:178 Resp: 7

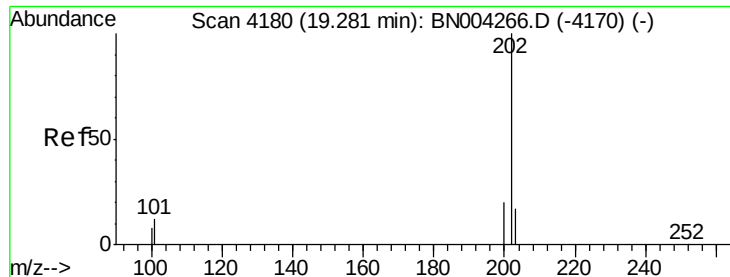
Ion Ratio Lower Upper

178 100

179 107.0 12.7 19.1#

176 90.1 15.0 22.6#





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.43 min Scan# 4212

Delta R.T. 0.15 min

Lab File: BN004270.D

Acq: 28 Dec 2018 19:41

Instrument :

BNA_N

ClientSampleId :

F9F67

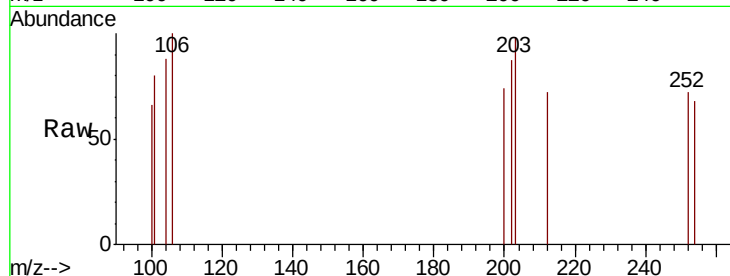
Tgt Ion:202 Resp: 9

Ion Ratio Lower Upper

202 100

101 93.0 0.0 32.6#

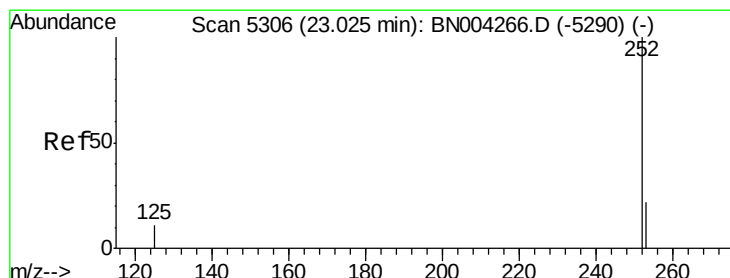
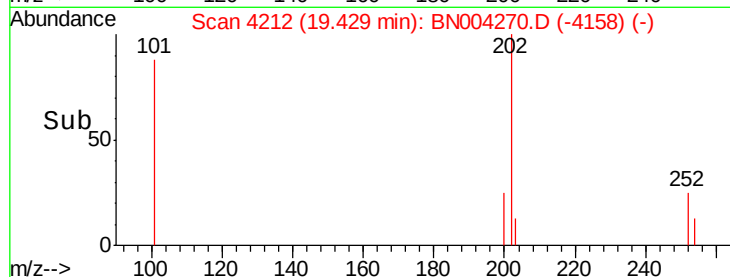
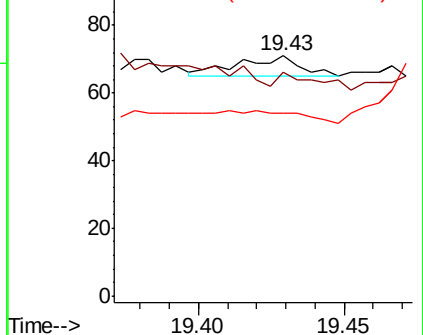
100 76.1 0.0 29.7#



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



#21

Benzo(b)fluoranthene

Concen: 0.000 ng/ul

RT: 22.94 min Scan# 5278

Delta R.T. -0.08 min

Lab File: BN004270.D

Acq: 28 Dec 2018 19:41

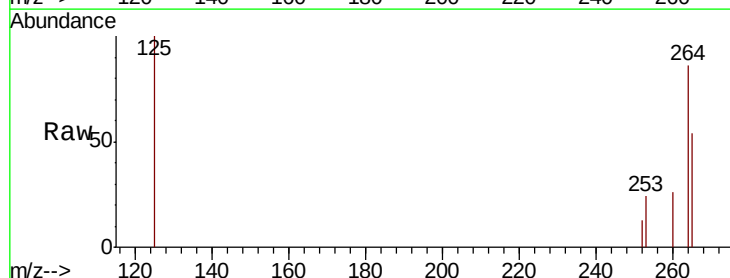
Tgt Ion:252 Resp: 145

Ion Ratio Lower Upper

252 100

253 180.8 0.0 47.6#

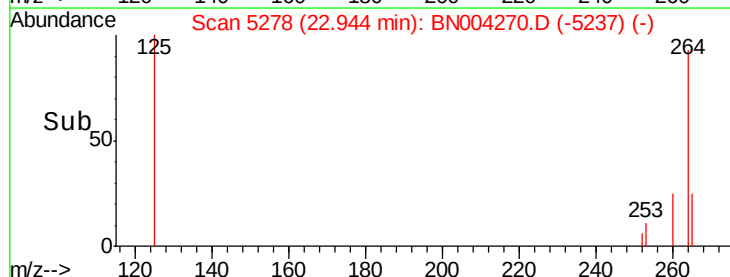
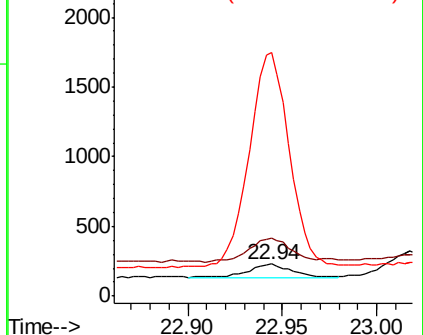
125 762.9 0.0 25.0#

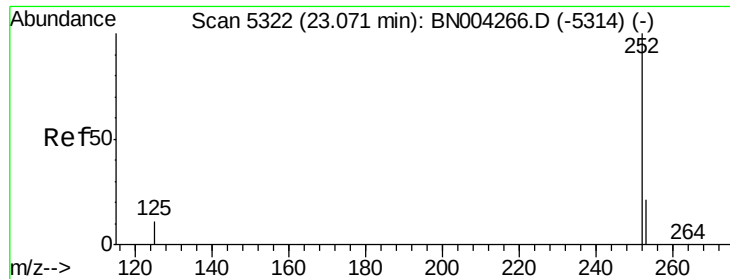


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.000 ng/ul

RT: 22.94 min Scan# 5278

Delta R.T. -0.12 min

Lab File: BN004270.D

Acq: 28 Dec 2018 19:41

Instrument :

BNA_N

ClientSampleId :

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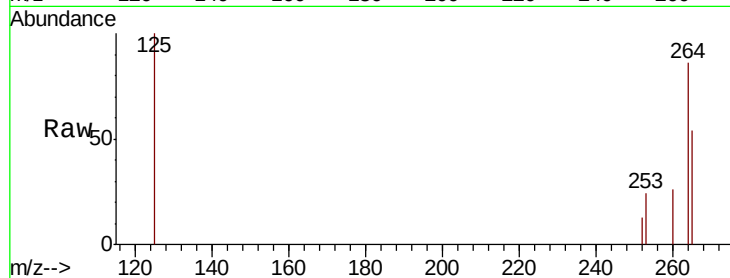
Tgt Ion:252 Resp: 145

Ion Ratio Lower Upper

252 100

253 180.8 19.0 28.6#

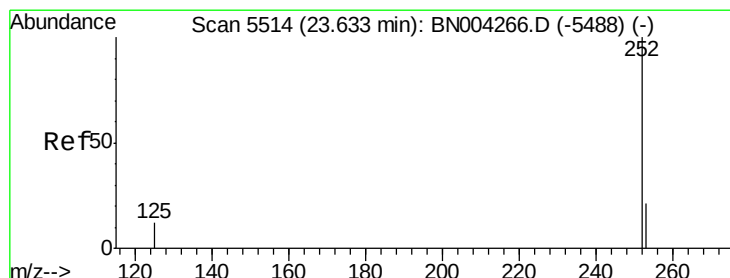
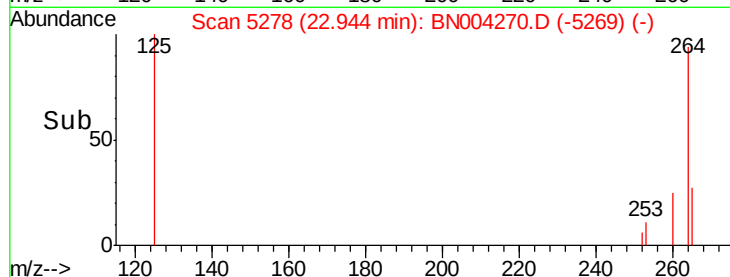
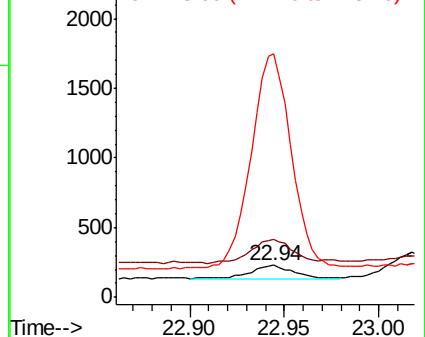
125 762.9 10.2 15.2#



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



#23

Benzo(a)pyrene

Concen: 0.000 ng/ul

RT: 23.52 min Scan# 5476

Delta R.T. -0.11 min

Lab File: BN004270.D

Acq: 28 Dec 2018 19:41

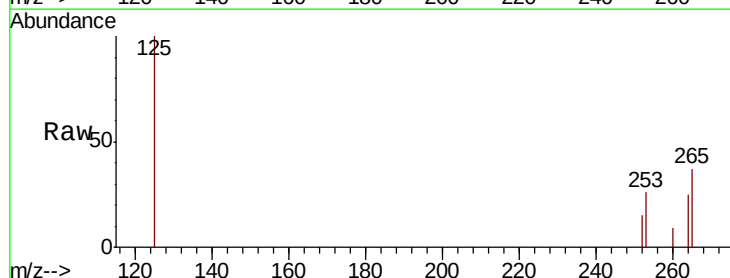
Tgt Ion:252 Resp: 192

Ion Ratio Lower Upper

252 100

253 167.4 20.0 30.0#

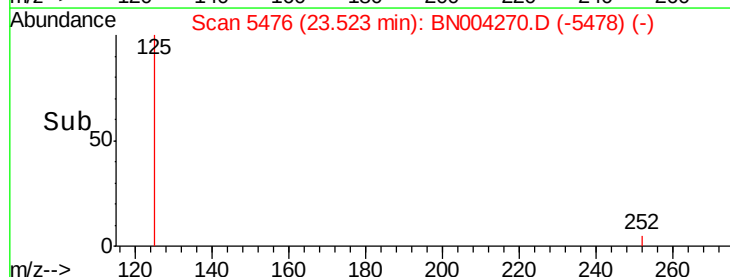
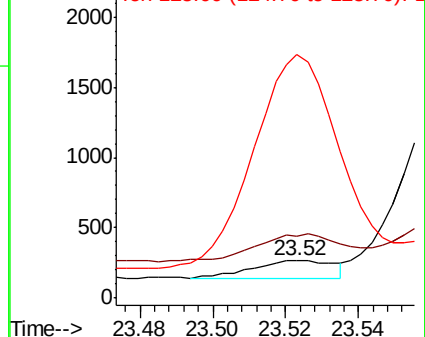
125 656.1 11.4 17.0#

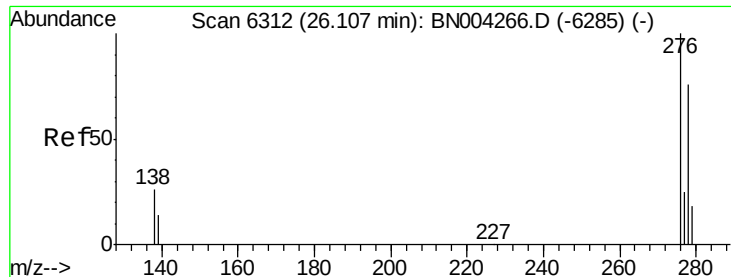


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



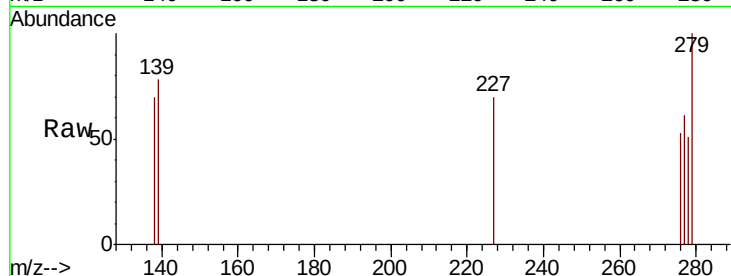


#24

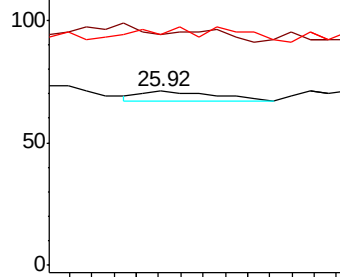
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/ul
RT: 25.92 min Scan# 6257
Delta R.T. -0.18 min
Lab File: BN004270.D
Acq: 28 Dec 2018 19:41

Instrument :
BNA_N
ClientSampleId :
F9F67

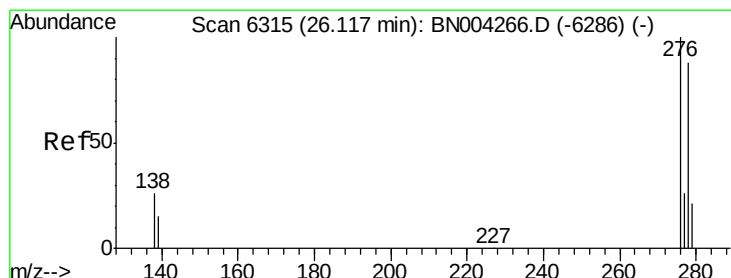
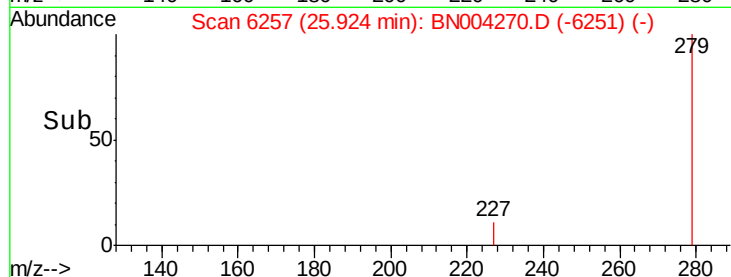
Tgt Ion: 276 Resp: 4
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 50.0 0.1 0.1#



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



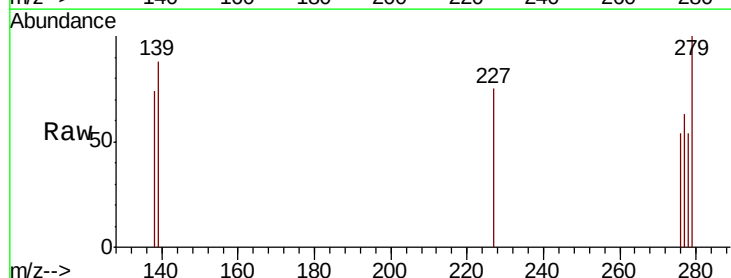
Time-->



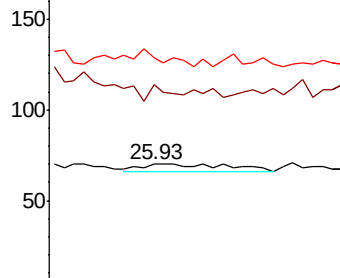
#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/ul
RT: 25.93 min Scan# 6258
Delta R.T. -0.18 min
Lab File: BN004270.D
Acq: 28 Dec 2018 19:41

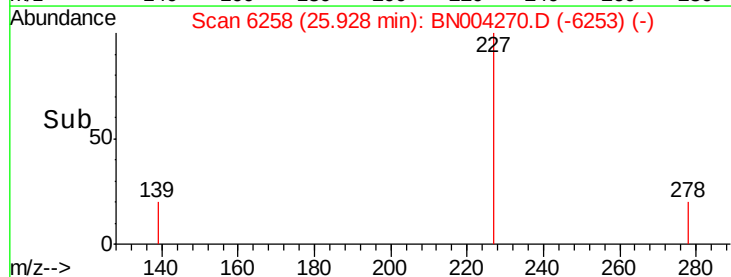
Tgt Ion: 278 Resp: 9
Ion Ratio Lower Upper
278 100
139 162.9 15.4 23.2#
279 184.3 21.0 31.6#

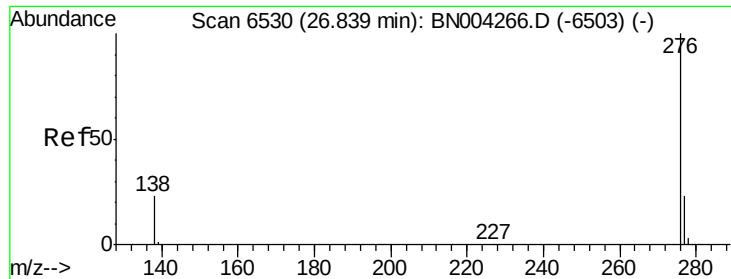


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#26

Benzo(g,h,i)perylene

Concen: 0.000 ng/ul

RT: 26.65 min Scan# 6472

Delta R.T. -0.19 min

Lab File: BN004270.D

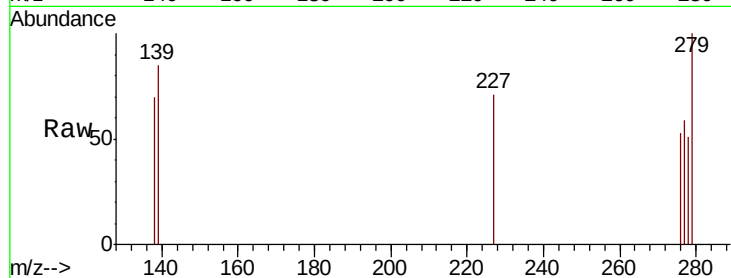
Acq: 28 Dec 2018 19:41

Instrument :

BNA_N

ClientSampleId :

F9F67



Tgt Ion: 276 Resp: 4

Ion Ratio Lower Upper

276 100

138 132.4 19.4 29.0#

277 112.2 20.4 30.6#

