

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
 Data File : BN006778.D
 Acq On : 10 Jul 2019 19:59
 Operator : HP/JU
 Sample : K3596-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 01:00:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 14:44:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2493	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.36	136	9056	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.24	164	4725	0.40	ng/ul	-0.04
10) Phenanthrene-d10	17.09	188	625305	0.40	ng/ul	0.06
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.27
20) Perylene-d12	23.46	264	13117	0.40	ng/ul	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.98	152	3042	0.22	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

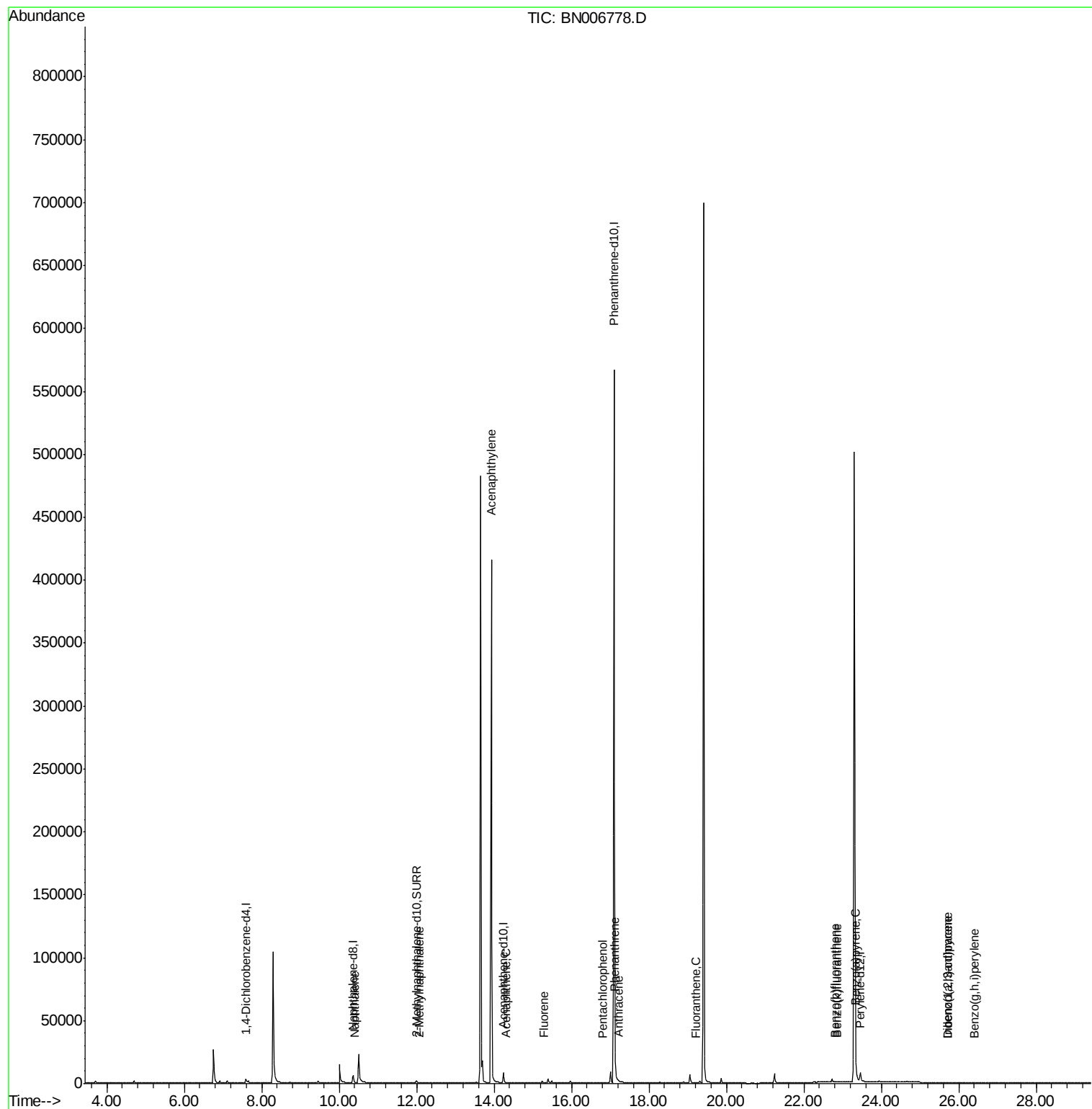
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.41	128	222	0.009	ng/ul#	2
5) 2-Methylnaphthalene	12.07	142	135	0.008	ng/ul#	69
7) Acenaphthylene	13.93	152	150	0.006	ng/ul#	1
8) Acenaphthene	14.30	153	67	0.004	ng/ul#	73
9) Fluorene	15.30	166	177	0.009	ng/ul#	84
11) Pentachlorophenol	16.80	266	4	0.000	ng/ul#	31
12) Phenanthrene	17.13	178	278	0.000	ng/ul#	34
13) Anthracene	17.22	178	7	0.000	ng/ul#	1
15) Fluoranthene	19.22	202	15	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	466	0.009	ng/ul#	1
22) Benzo(k)fluoranthene	22.85	252	308	0.005	ng/ul#	1
23) Benzo(a)pyrene	23.35	252	329	0.006	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.72	276	389	0.007	ng/ul#	45
25) Dibenzo(a,h)anthracene	25.72	278	206	0.005	ng/ul#	1
26) Benzo(g,h,i)perylene	26.40	276	412	0.009	ng/ul#	28

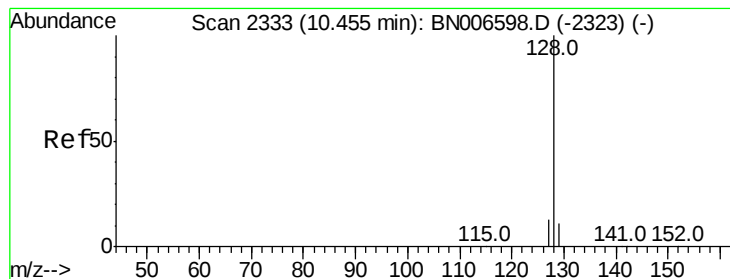
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.009 ng/ul

RT: 10.41 min Scan# 2325

Delta R.T. -0.04 min

Lab File: BN006778.D

Acq: 10 Jul 2019 19:59

Instrument :

BNA_N

ClientSampleId :

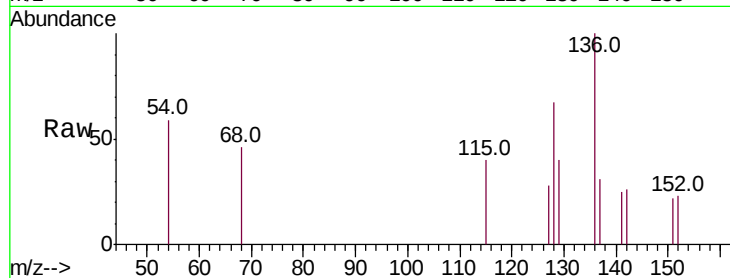
Tot Ion:128 Resp: 222

Ion Ratio Lower Upper

128 100

129 60.3 9.4 14.0#

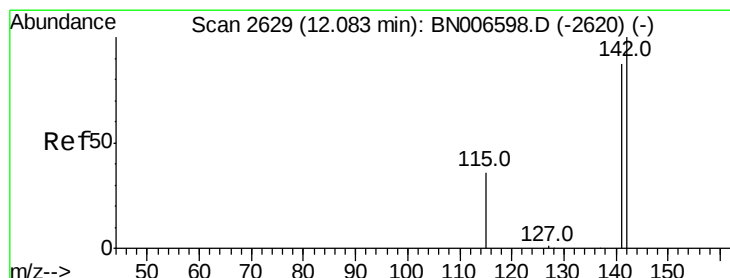
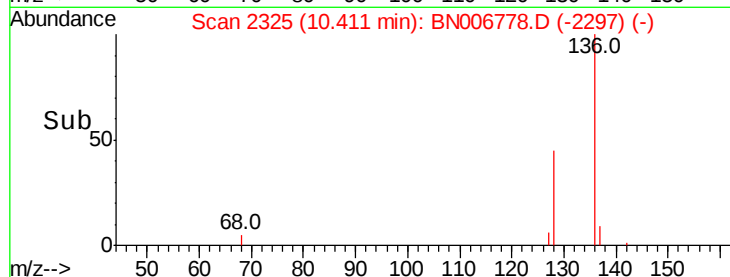
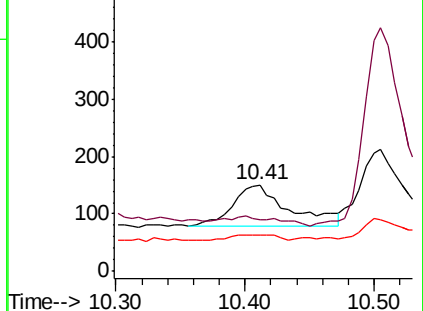
127 42.4 10.6 16.0#



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: 0.008 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BN006778.D

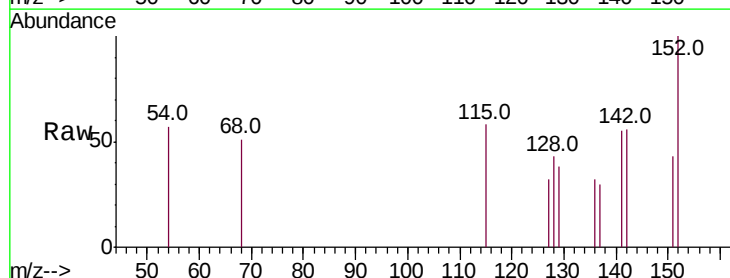
Acq: 10 Jul 2019 19:59

Tgt Ion:142 Resp: 135

Ion Ratio Lower Upper

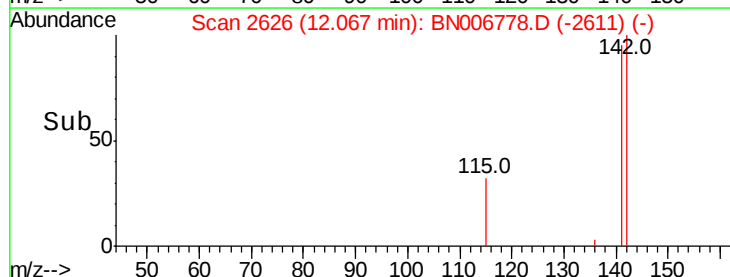
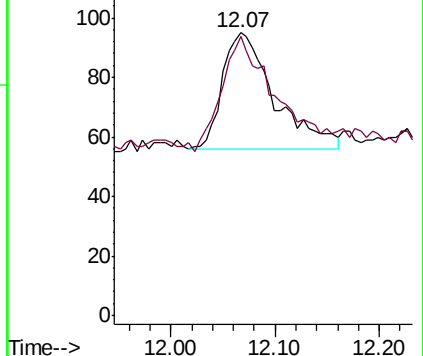
142 100

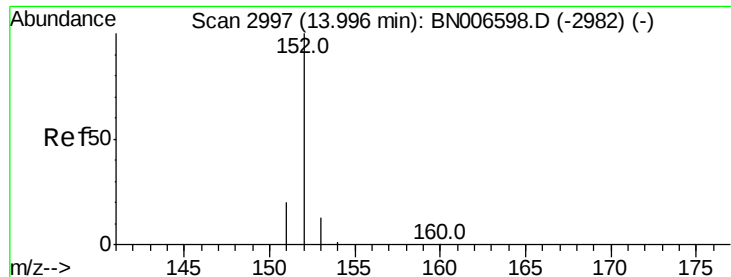
141 119.3 71.8 107.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.006 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.07 min

Lab File: BN006778.D

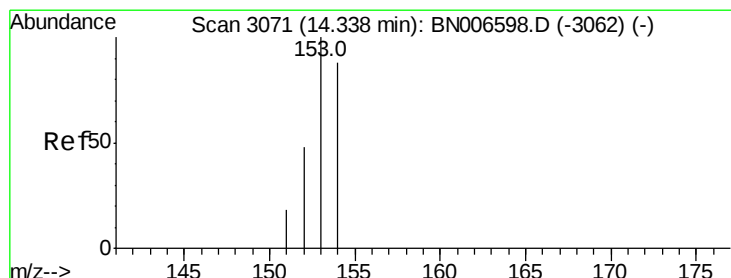
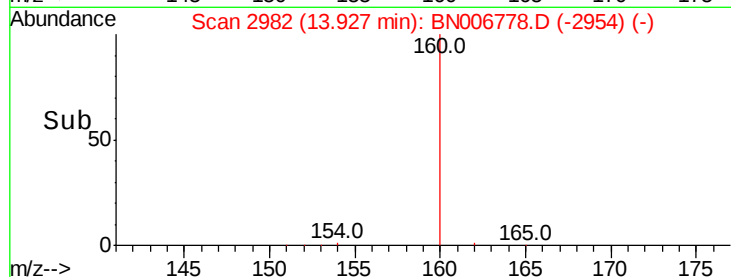
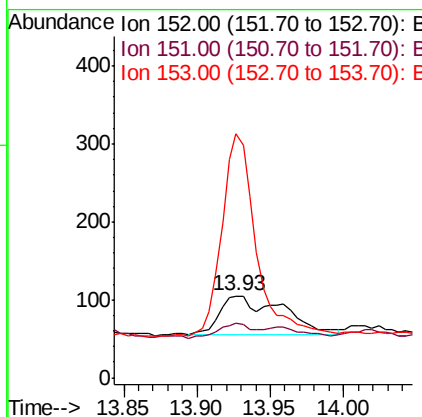
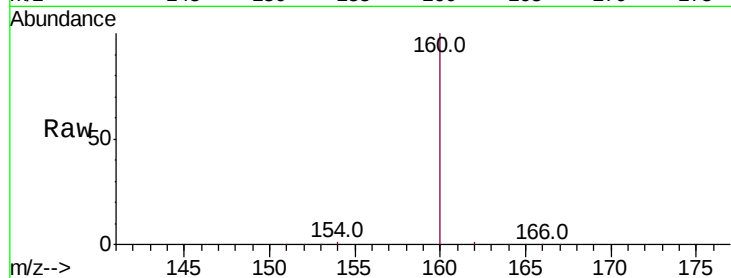
Acq: 10 Jul 2019 19:59

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	152	Resp:	150
Ion	Ratio	Lower	Upper
152	100		
151	66.7	16.1	24.1#
153	298.1	11.2	16.8#



#8

Acenaphthene

Concen: 0.004 ng/ul

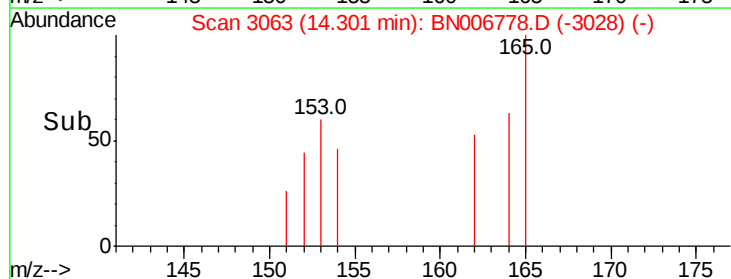
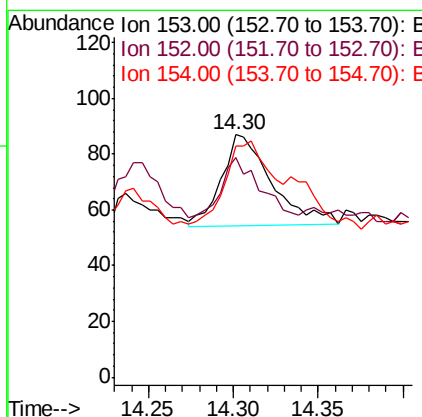
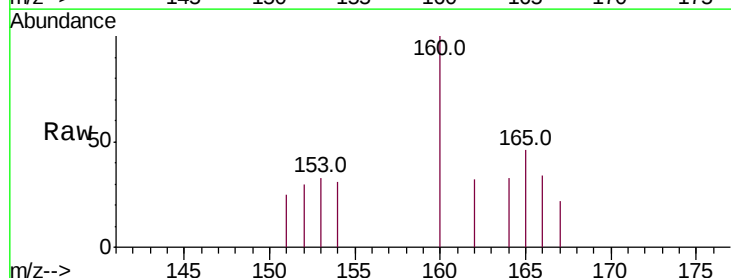
RT: 14.30 min Scan# 3063

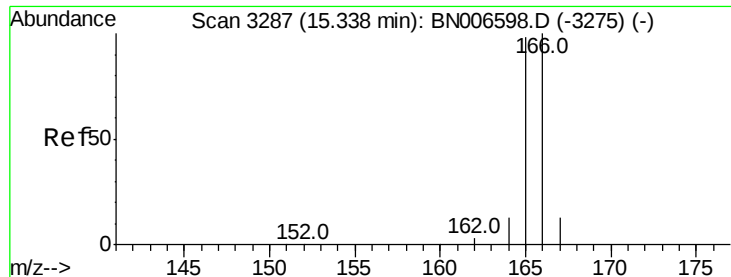
Delta R.T. -0.04 min

Lab File: BN006778.D

Acq: 10 Jul 2019 19:59

Tgt Ion:	153	Resp:	67
Ion	Ratio	Lower	Upper
153	100		
152	90.8	39.3	58.9#
154	95.4	70.6	105.8





#9

Fluorene

Concen: 0.009 ng/ul

RT: 15.30 min Scan# 3279

Delta R.T. -0.04 min

Lab File: BN006778.D

Acq: 10 Jul 2019 19:59

Instrument :

BNA_N

ClientSampleId :

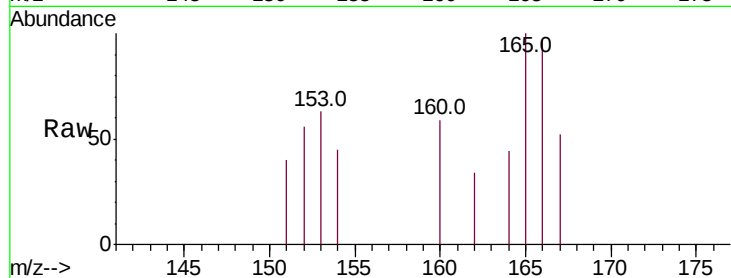
Tot Ion:166 Resp: 177

Ion Ratio Lower Upper

166 100

165 102.6 78.2 117.4

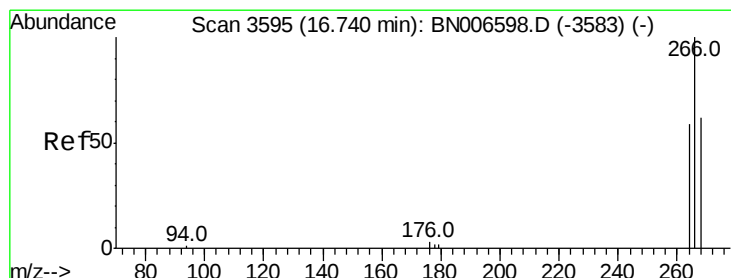
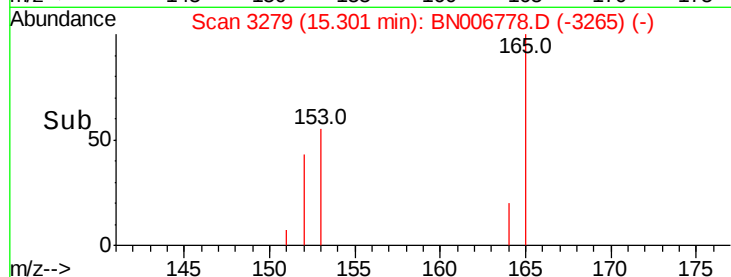
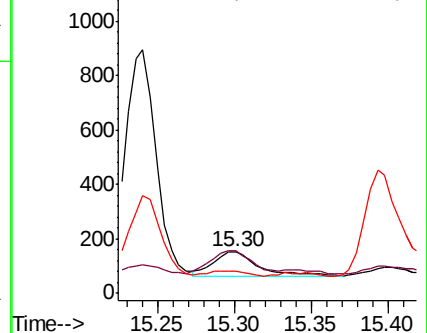
167 53.2 11.3 16.9#



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: 16.80 min Scan# 3609

Delta R.T. 0.06 min

Lab File: BN006778.D

Acq: 10 Jul 2019 19:59

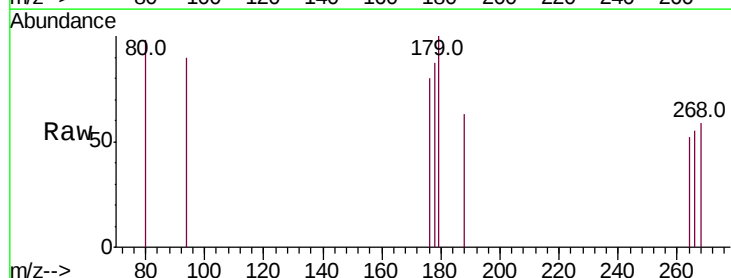
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 100.0 45.9 68.9#

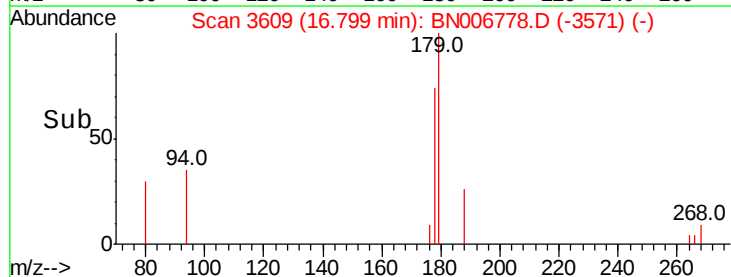
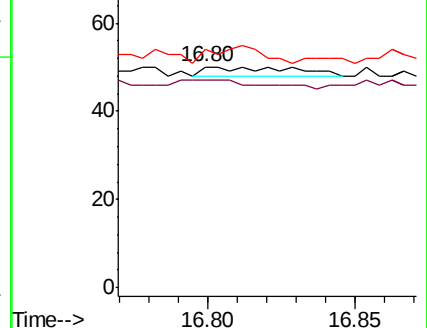
268 0.0 48.1 72.1#

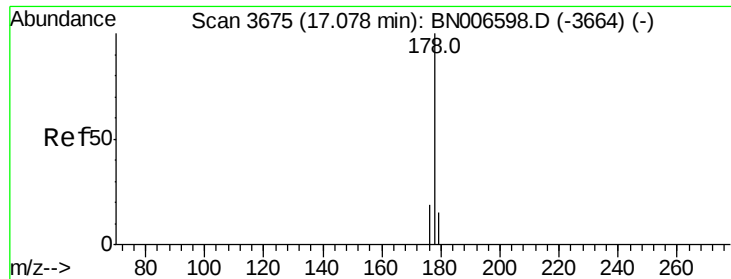


Abundance Ion 266.00 (265.70 to 266.70): E

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: 17.13 min Scan# 3687

Delta R.T. 0.05 min

Lab File: BN006778.D

Acq: 10 Jul 2019 19:59

Instrument :

BNA_N

ClientSampleId :

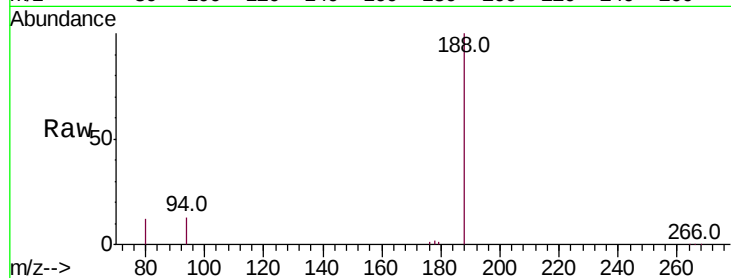
Tot Ion:178 Resp: 278

Ion Ratio Lower Upper

178 100

179 51.9 12.6 19.0#

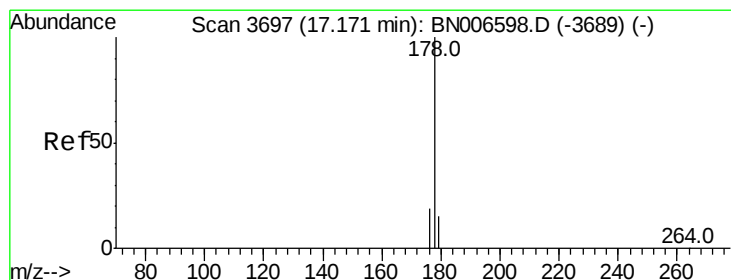
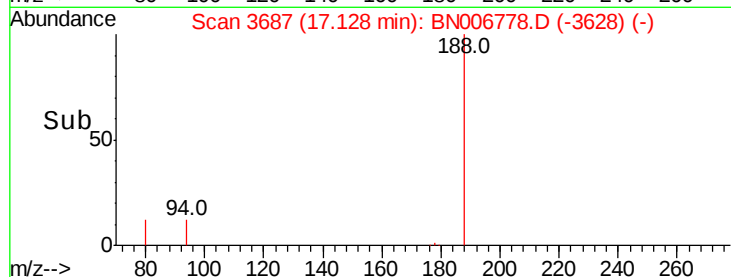
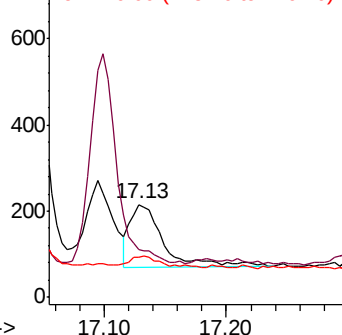
176 43.1 15.8 23.8#



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



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.22 min Scan# 3708

Delta R.T. 0.05 min

Lab File: BN006778.D

Acq: 10 Jul 2019 19:59

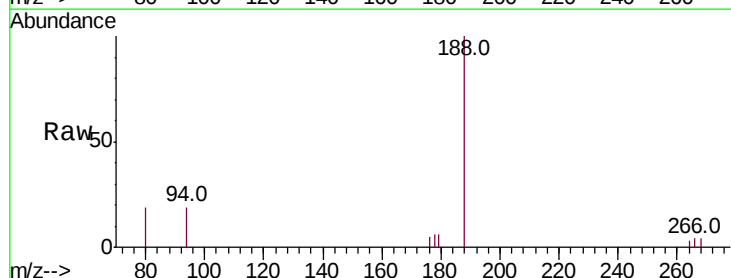
Tgt Ion:178 Resp: 7

Ion Ratio Lower Upper

178 100

179 98.8 12.7 19.1#

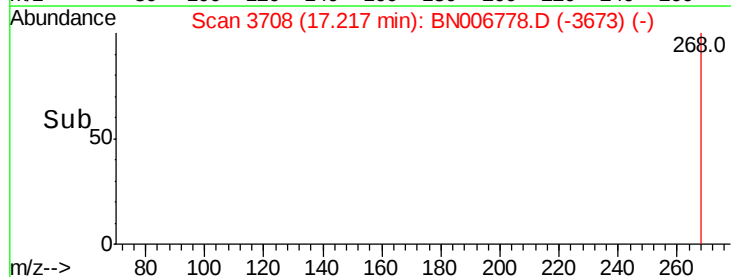
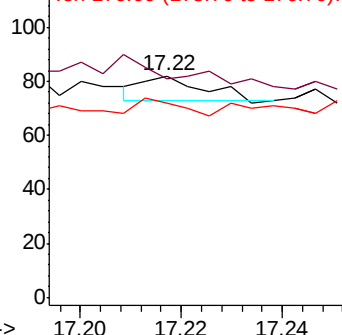
176 87.8 15.8 23.6#

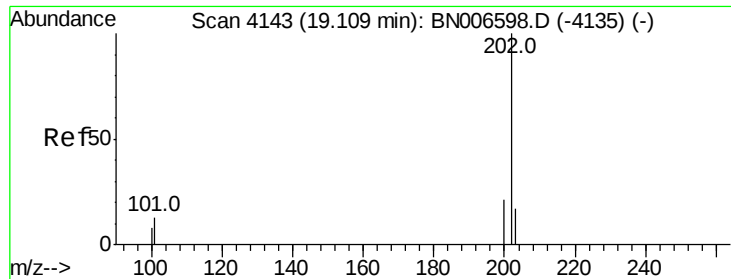


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.22 min Scan# 4167

Delta R.T. 0.11 min

Lab File: BN006778.D

Acq: 10 Jul 2019 19:59

Instrument :

BNA_N

ClientSampleId :

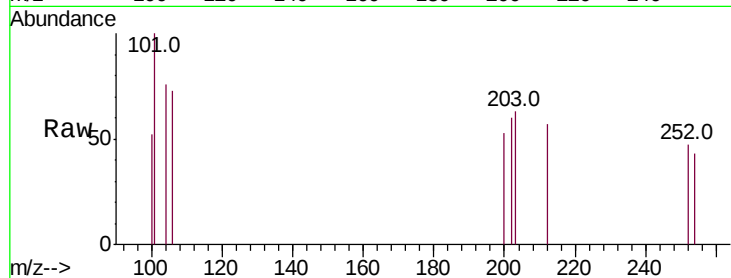
Tot Ion:202 Resp: 15

Ion Ratio Lower Upper

202 100

101 168.0 0.0 33.2#

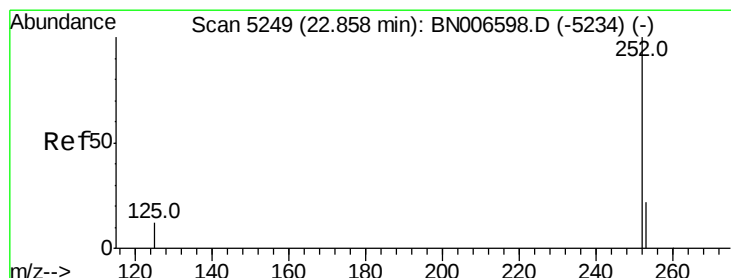
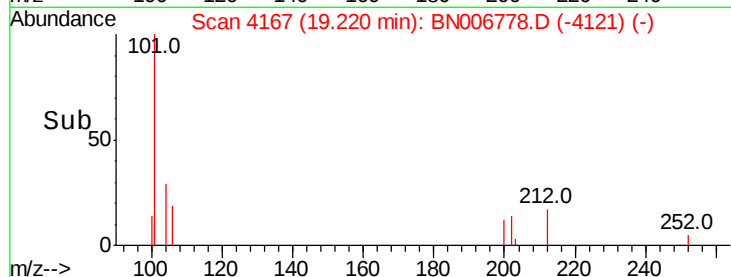
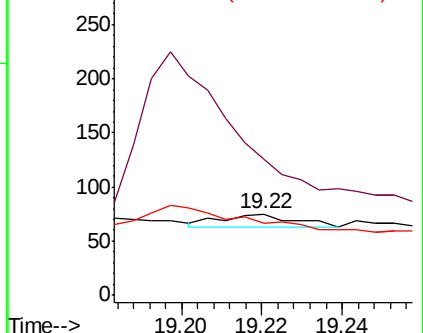
100 88.0 0.0 29.9#



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: 0.009 ng/ul

RT: 22.80 min Scan# 5230

Delta R.T. -0.06 min

Lab File: BN006778.D

Acq: 10 Jul 2019 19:59

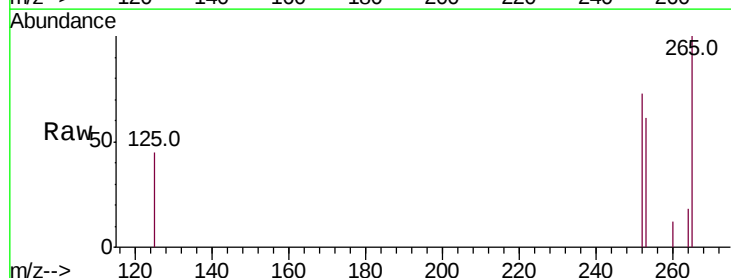
Tgt Ion:252 Resp: 466

Ion Ratio Lower Upper

252 100

253 84.2 0.0 47.8#

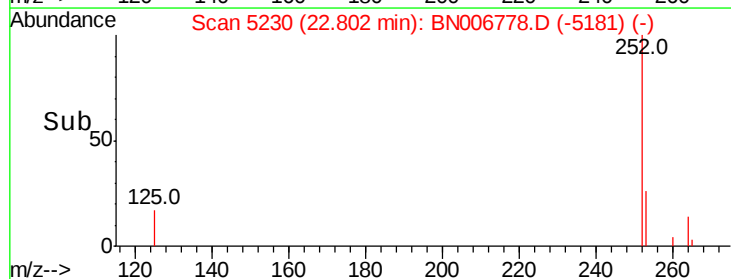
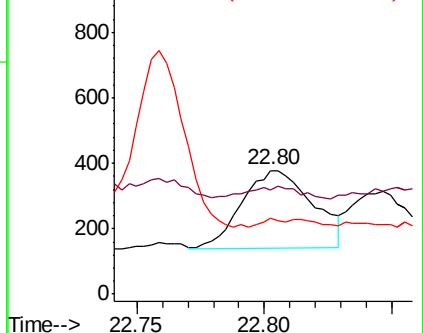
125 61.2 0.0 29.2#

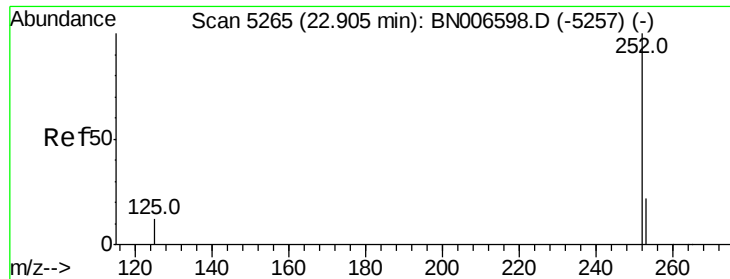


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.005 ng/ul

RT: 22.85 min Scan# 5245

Delta R.T. -0.06 min

Lab File: BN006778.D

Acq: 10 Jul 2019 19:59

Instrument :

BNA_N

ClientSampleId :

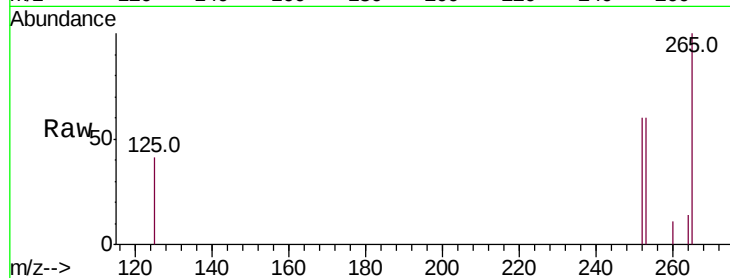
Tot Ion:252 Resp: 308

Ion Ratio Lower Upper

252 100

253 100.6 19.2 28.8#

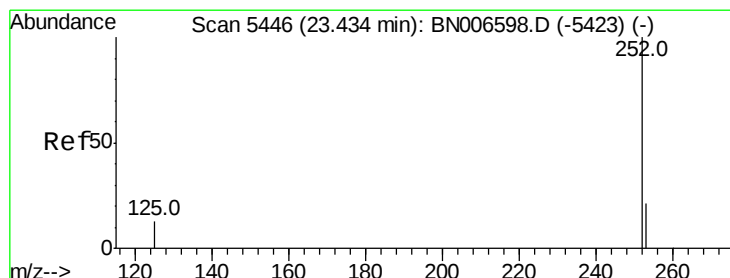
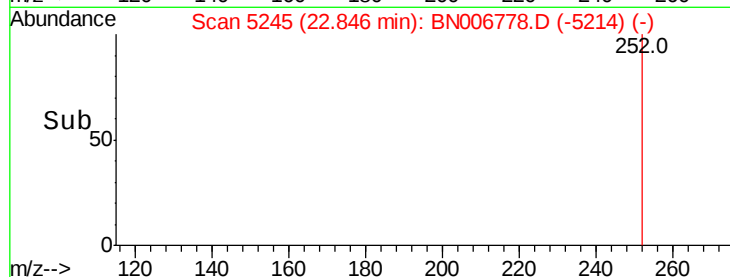
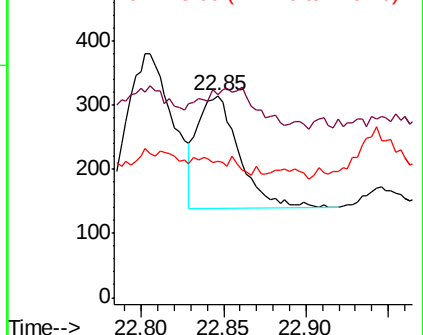
125 67.8 11.0 16.6#



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: 0.006 ng/ul

RT: 23.35 min Scan# 5416

Delta R.T. -0.09 min

Lab File: BN006778.D

Acq: 10 Jul 2019 19:59

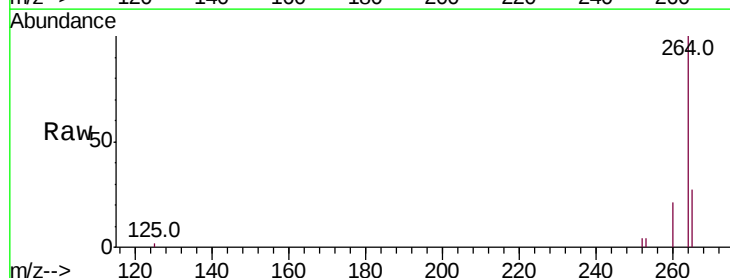
Tgt Ion:252 Resp: 329

Ion Ratio Lower Upper

252 100

253 97.6 19.4 29.2#

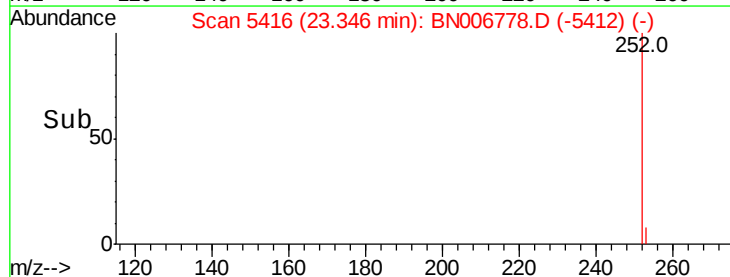
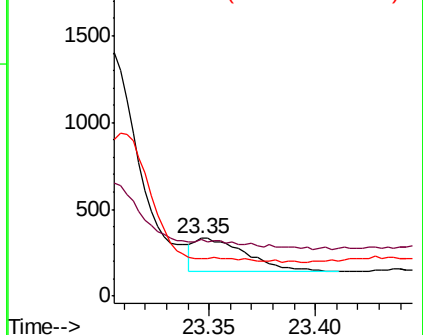
125 64.7 12.6 19.0#

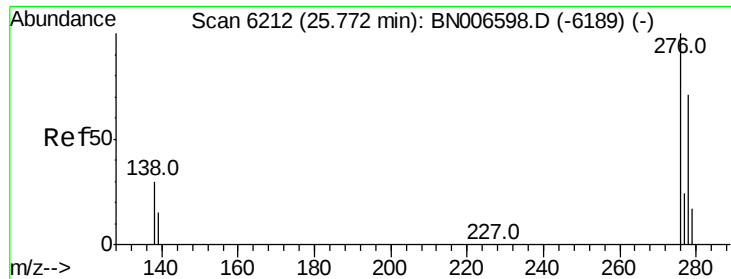


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



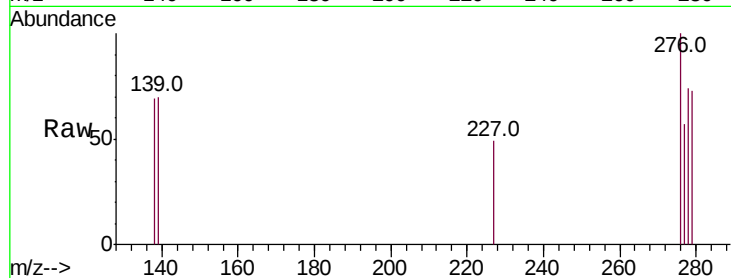


#24

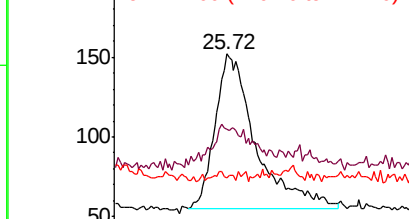
Indeno(1,2,3-cd)pyrene
Concen: 0.007 ng/ul
RT: 25.72 min Scan# 6196
Delta R.T. -0.05 min
Lab File: BN006778.D
Acq: 10 Jul 2019 19:59

Instrument :
BNA_N
ClientSampleId :

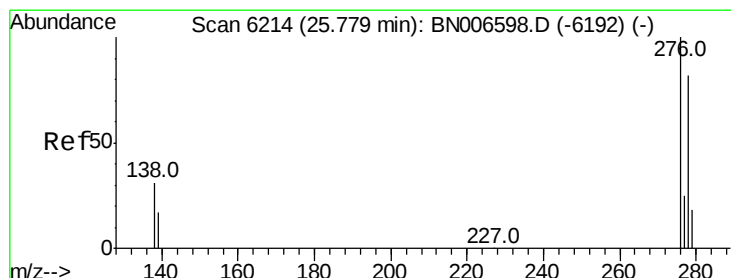
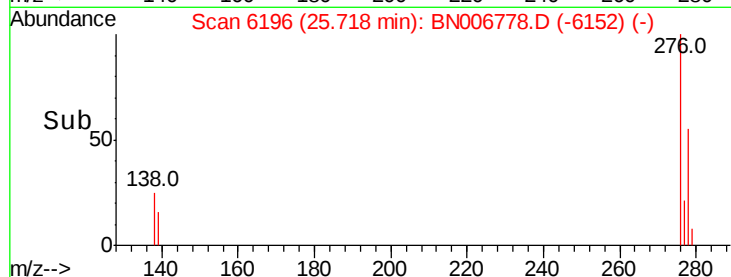
Tot Ion:276 Resp: 389
Ion Ratio Lower Upper
276 100
138 0.0 24.3 36.5#
227 0.5 0.2 0.4#



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



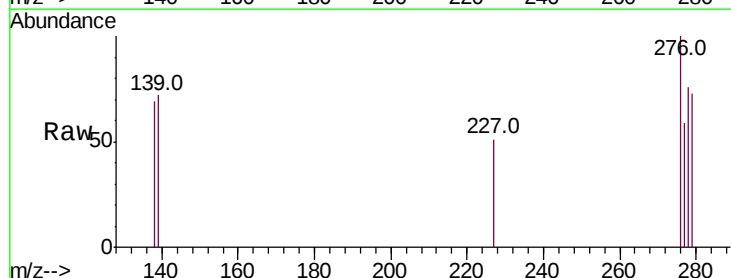
Time--> 25.60 25.70 25.80 25.90



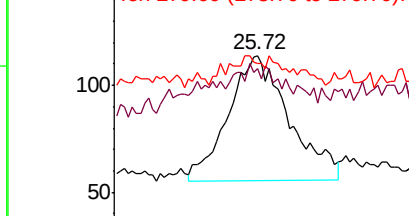
#25

Dibenzo(a,h)anthracene
Concen: 0.005 ng/ul
RT: 25.72 min Scan# 6197
Delta R.T. -0.06 min
Lab File: BN006778.D
Acq: 10 Jul 2019 19:59

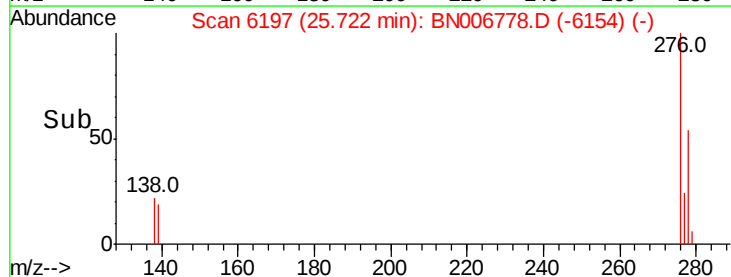
Tgt Ion:278 Resp: 206
Ion Ratio Lower Upper
278 100
139 94.7 18.1 27.1#
279 96.5 19.8 29.6#

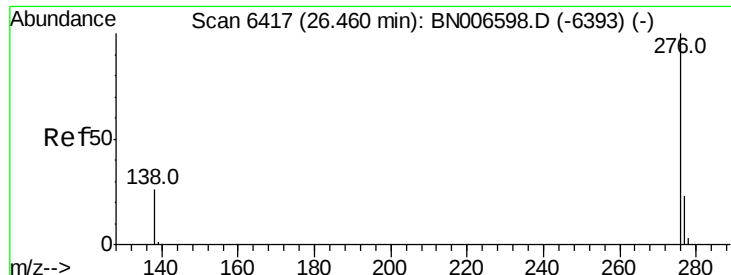


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time--> 25.70 25.80





#26

Benzo(a,h,i)perylene

Concen: 0.009 ng/ul

RT: 26.40 min Scan# 6400

Delta R.T. -0.06 min

Lab File: BN006778.D

Acq: 10 Jul 2019 19:59

Instrument :

BNA_N

ClientSampleId :

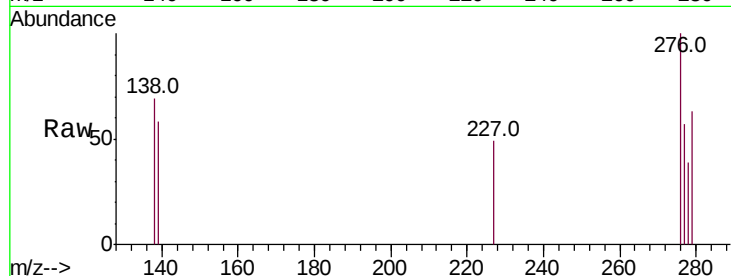
Tot Ion:276 Resp: 412

Ion Ratio Lower Upper

276 100

138 68.7 22.2 33.2#

277 56.7 19.5 29.3#



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

