

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
 Data File : BN006776.D
 Acq On : 10 Jul 2019 18:49
 Operator : HP/JU
 Sample : PB121040BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 01:00:24 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	2469	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.36	136	9124	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.24	164	4939	0.40	ng/ul	-0.04
10) Phenanthrene-d10	17.09	188	958045	0.40	ng/ul	0.06
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.27
20) Perylene-d12	23.45	264	15546	0.40	ng/ul	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.99	152	4892	0.35	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

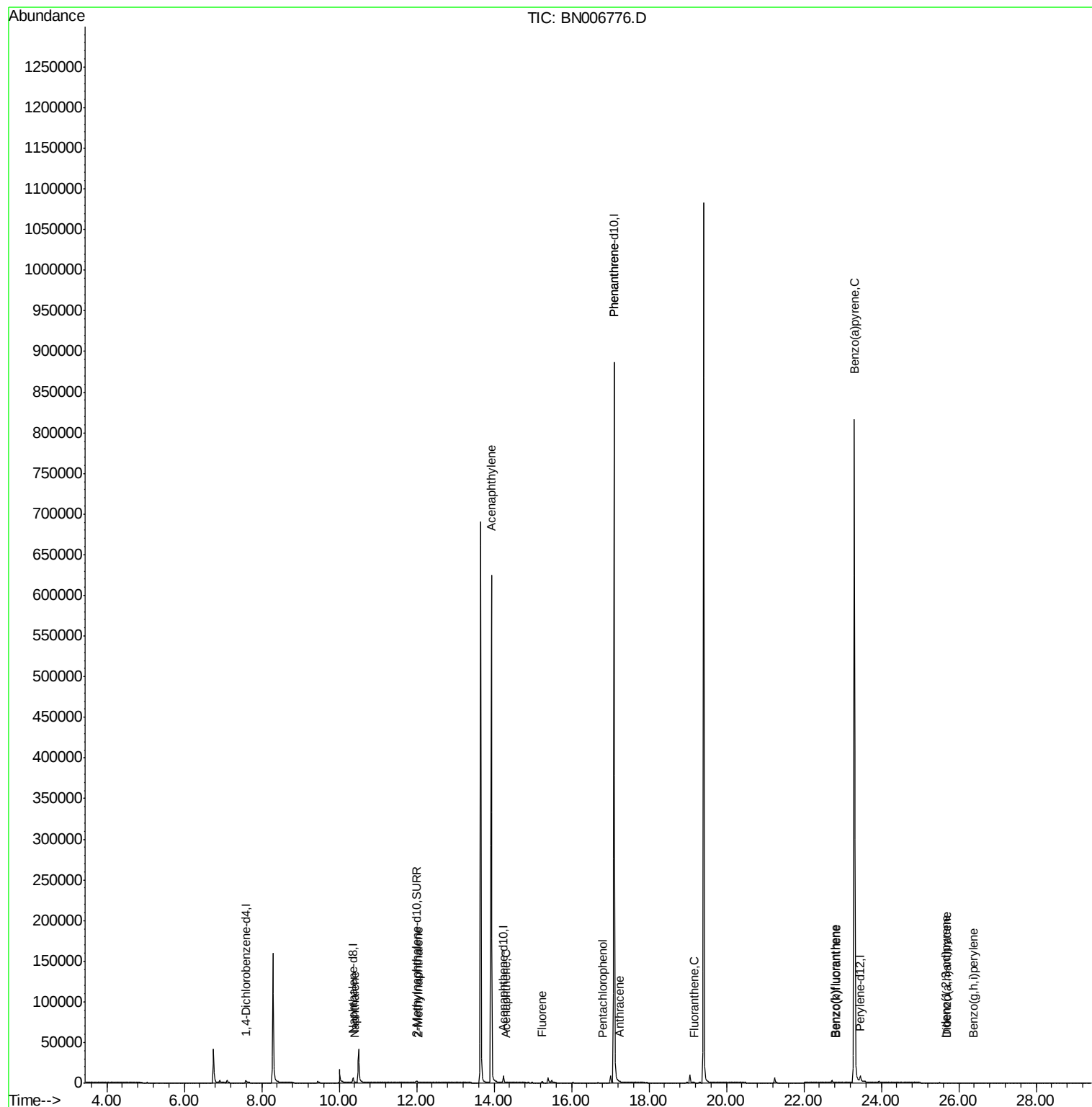
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.41	128	39	0.001	ng/ul#	1
5) 2-Methylnaphthalene	12.05	142	4	0.000	ng/ul	89
7) Acenaphthylene	13.92	152	105	0.004	ng/ul#	1
8) Acenaphthene	14.31	153	9	0.000	ng/ul#	71
9) Fluorene	15.24	166	1733	0.080	ng/ul#	14
11) Pentachlorophenol	16.80	266	2	0.000	ng/ul#	1
12) Phenanthrene	17.09	178	432	0.000	ng/ul#	1
13) Anthracene	17.24	178	4	0.000	ng/ul#	1
15) Fluoranthene	19.16	202	2	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	38	0.001	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	42	0.001	ng/ul#	1
23) Benzo(a)pyrene	23.30	252	4076	0.065	ng/ul#	65
24) Indeno(1,2,3-cd)pyrene	25.67	276	1	0.000	ng/ul#	41
25) Dibenzo(a,h)anthracene	25.70	278	4	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.38	276	2	0.000	ng/ul#	1

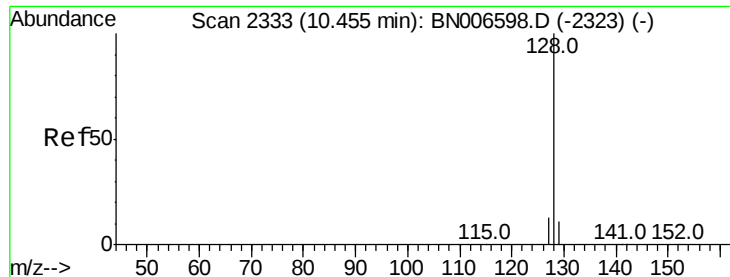
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.001 ng/ul

RT: 10.41 min Scan# 2325

Delta R.T. -0.04 min

Lab File: BN006776.D

Acq: 10 Jul 2019 18:49

Instrument :

BNA_N

ClientSampleId :

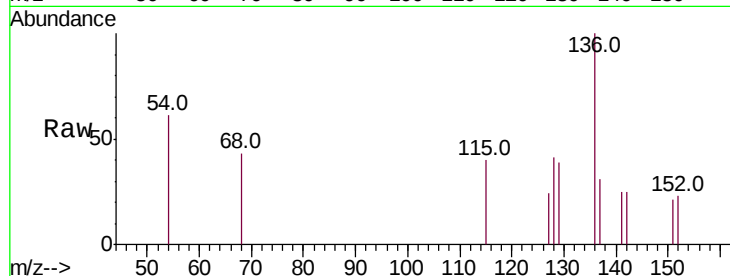
Tot Ion:128 Resp: 39

Ion Ratio Lower Upper

128 100

129 95.7 9.4 14.0#

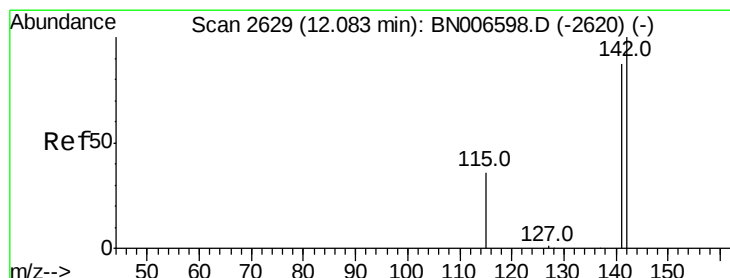
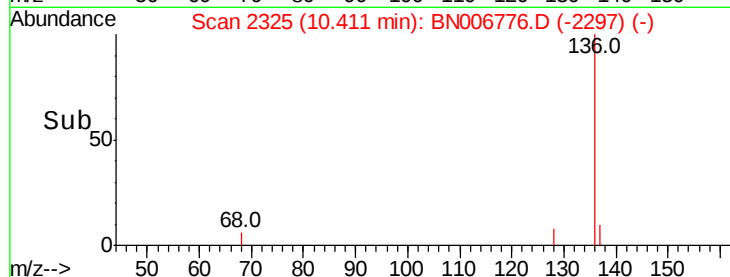
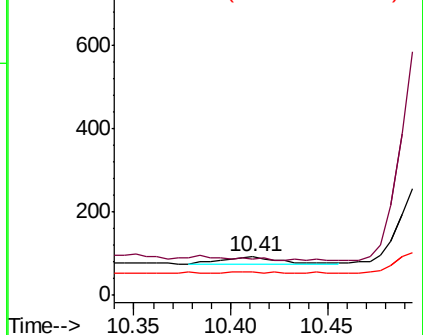
127 59.8 10.6 16.0#



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: 0.000 ng/ul

RT: 12.05 min Scan# 2623

Delta R.T. -0.03 min

Lab File: BN006776.D

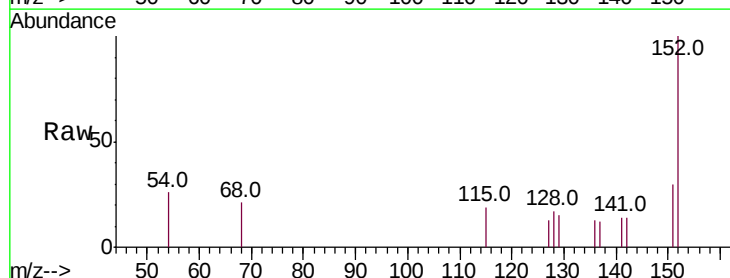
Acq: 10 Jul 2019 18:49

Tgt Ion:142 Resp: 4

Ion Ratio Lower Upper

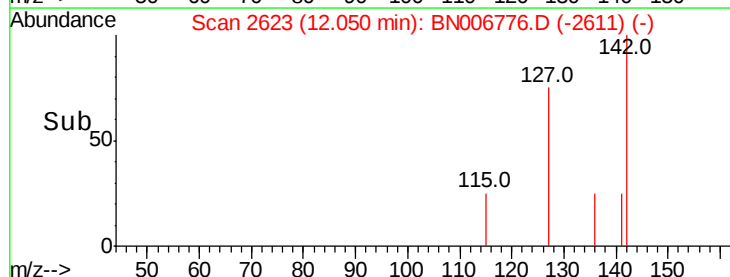
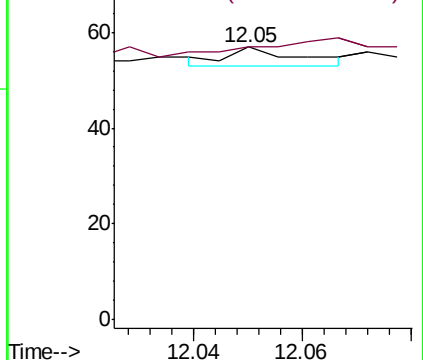
142 100

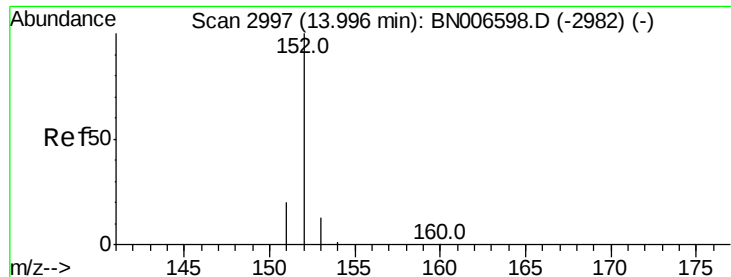
141 100.0 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.004 ng/ul

RT: 13.92 min Scan# 2981

Delta R.T. -0.07 min

Lab File: BN006776.D

Acq: 10 Jul 2019 18:49

Instrument :

BNA_N

ClientSampleId :

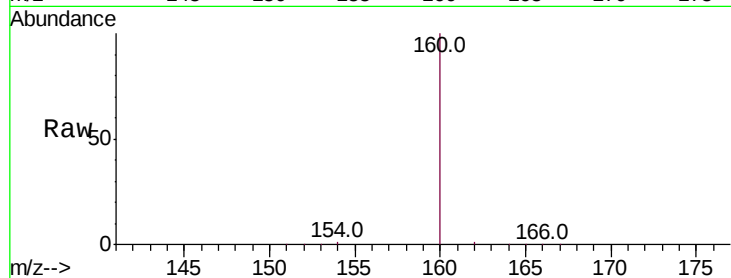
Tot Ion:152 Resp: 105

Ion Ratio Lower Upper

152 100

151 61.4 16.1 24.1#

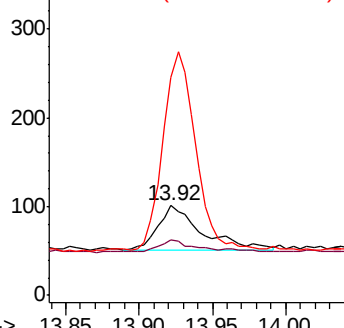
153 242.6 11.2 16.8#



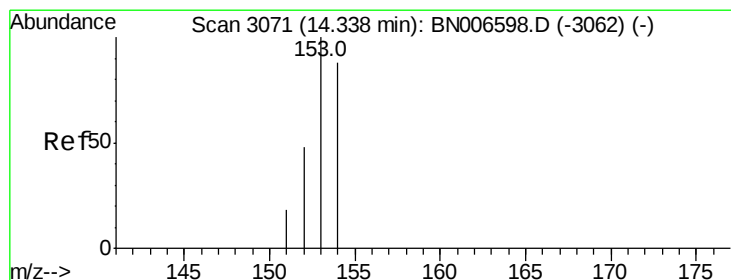
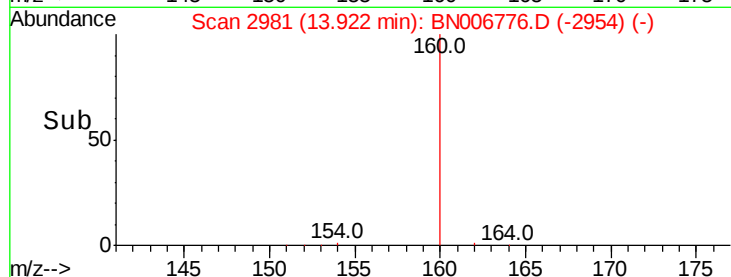
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 13.85 13.90 13.95 14.00



#8

Acenaphthene

Concen: 0.000 ng/ul

RT: 14.31 min Scan# 3064

Delta R.T. -0.03 min

Lab File: BN006776.D

Acq: 10 Jul 2019 18:49

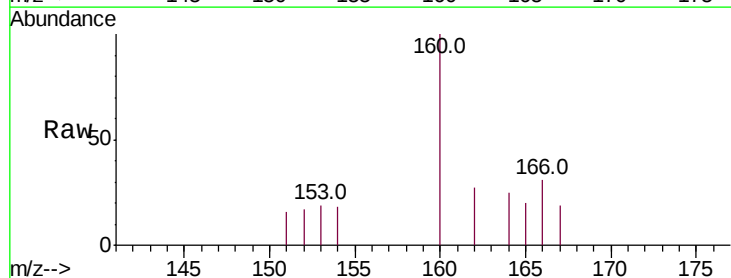
Tgt Ion:153 Resp: 9

Ion Ratio Lower Upper

153 100

152 93.2 39.3 58.9#

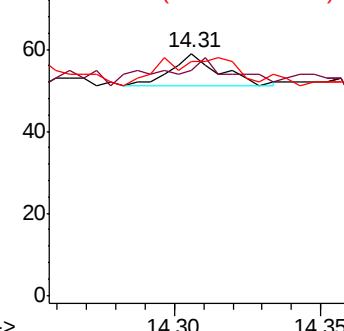
154 96.6 70.6 105.8



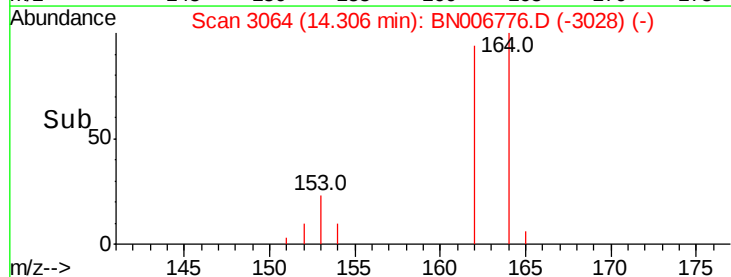
Abundance Ion 153.00 (152.70 to 153.70): E

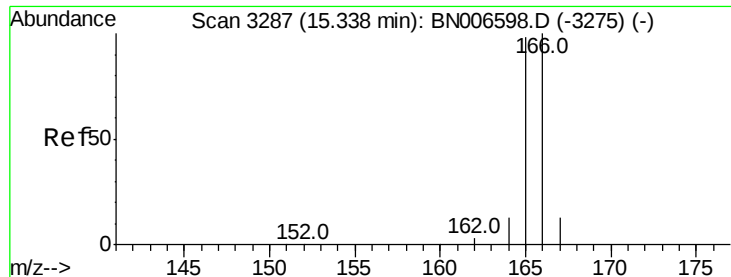
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time--> 14.30 14.35





#9

Fluorene

Concen: 0.080 ng/ul

RT: 15.24 min Scan# 3266

Delta R.T. -0.10 min

Lab File: BN006776.D

Acq: 10 Jul 2019 18:49

Instrument :

BNA_N

ClientSampleId :

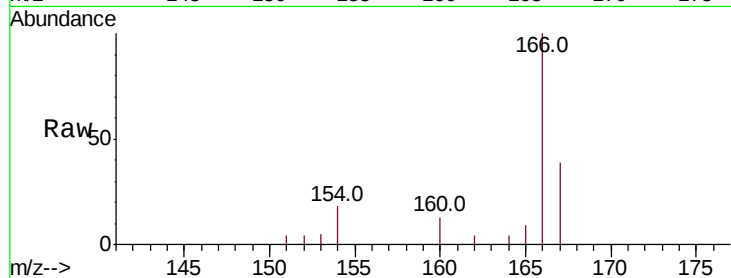
Tot Ion:166 Resp: 1733

Ion Ratio Lower Upper

166 100

165 9.0 78.2 117.4#

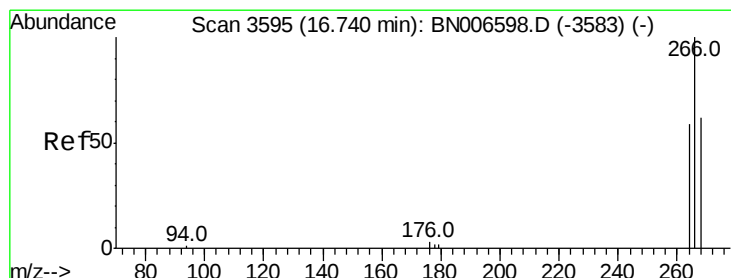
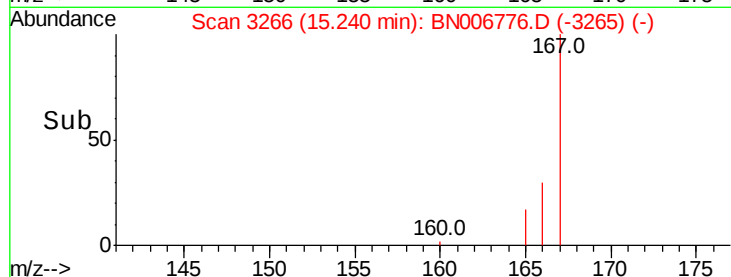
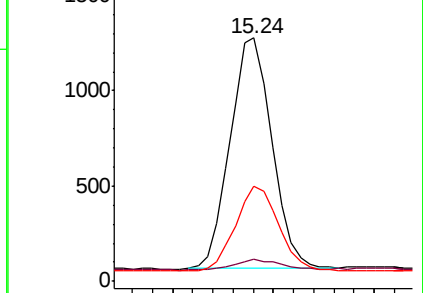
167 39.2 11.3 16.9#



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# 3610

Delta R.T. 0.06 min

Lab File: BN006776.D

Acq: 10 Jul 2019 18:49

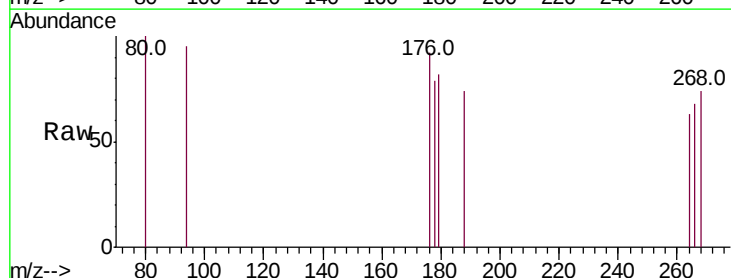
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 0.0 45.9 68.9#

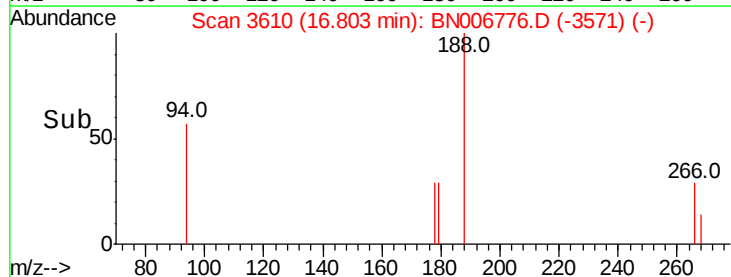
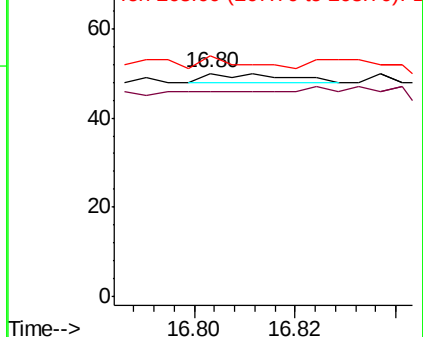
268 150.0 48.1 72.1#

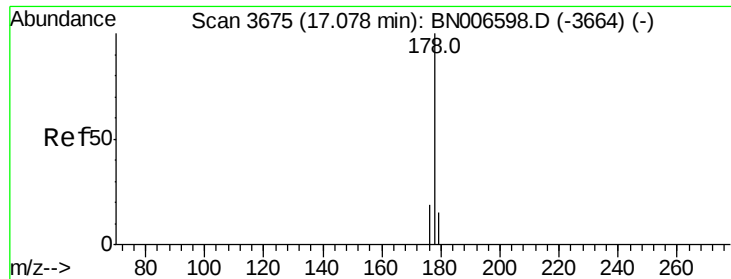


Abundance Ion 266.00 (265.70 to 266.70): E

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: 17.09 min Scan# 3679

Delta R.T. 0.02 min

Lab File: BN006776.D

Acq: 10 Jul 2019 18:49

Instrument :

BNA_N

ClientSampled :

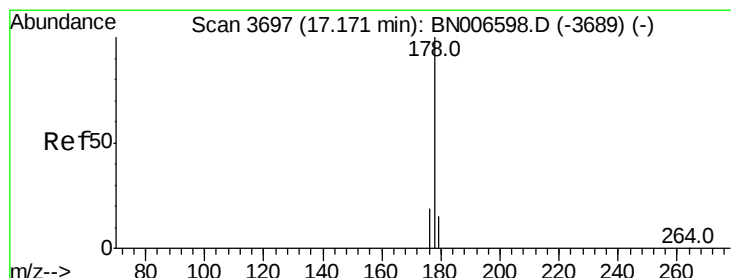
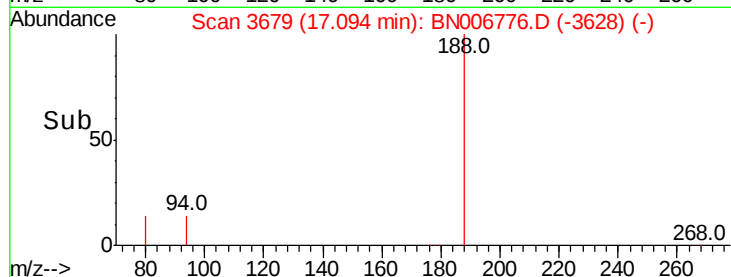
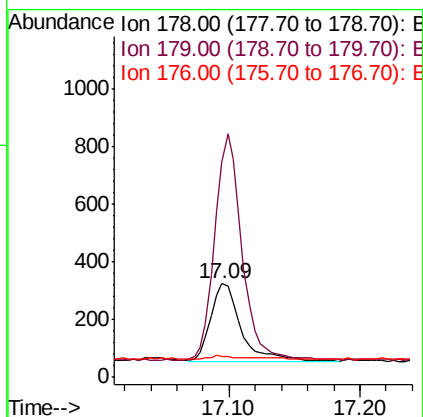
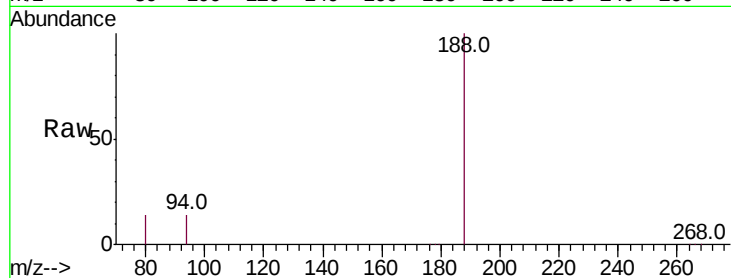
Tot Ion:178 Resp: 432

Ion Ratio Lower Upper

178 100

179 230.2 12.6 19.0#

176 22.5 15.8 23.8



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.24 min Scan# 3714

Delta R.T. 0.07 min

Lab File: BN006776.D

Acq: 10 Jul 2019 18:49

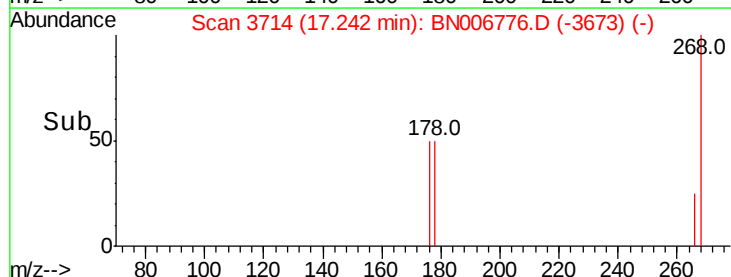
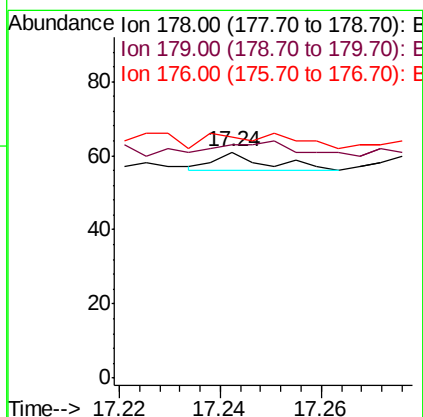
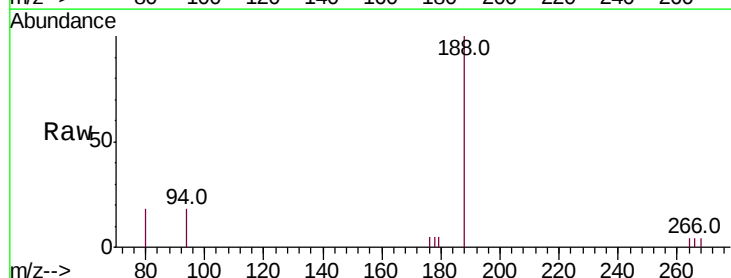
Tgt Ion:178 Resp: 4

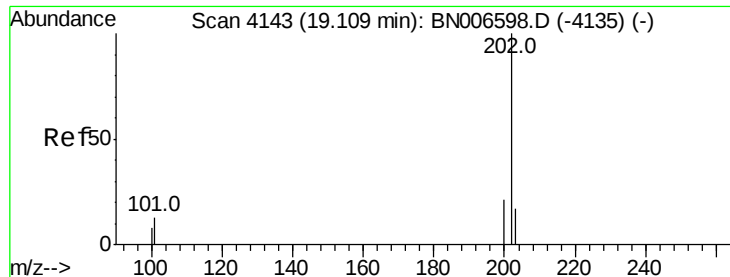
Ion Ratio Lower Upper

178 100

179 103.3 12.7 19.1#

176 106.6 15.8 23.6#





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.16 min Scan# 4155

Delta R.T. 0.06 min

Lab File: BN006776.D

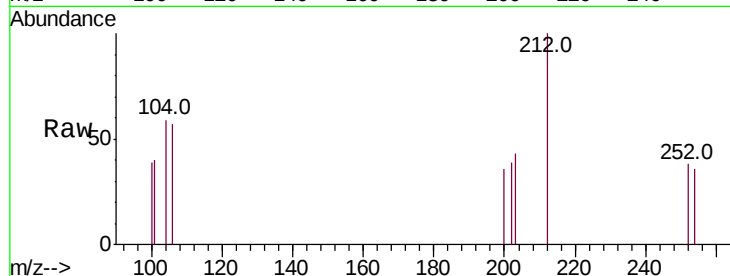
Acq: 10 Jul 2019 18:49

Instrument :

BNA_N

ClientSampleId :

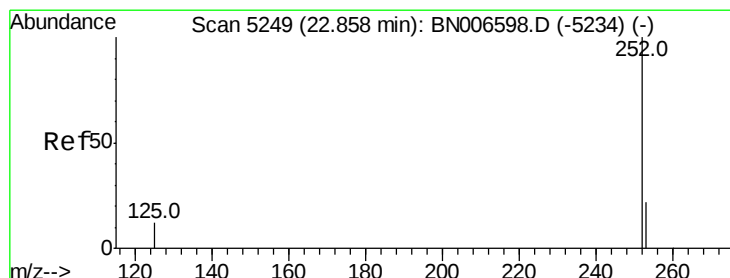
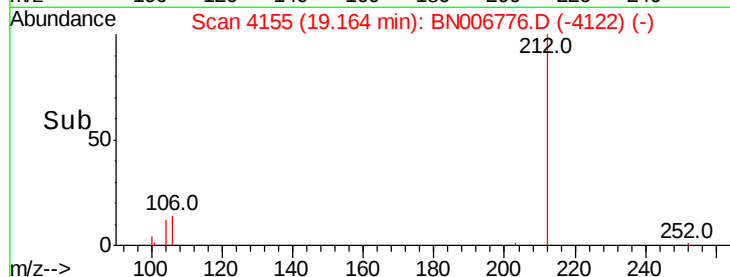
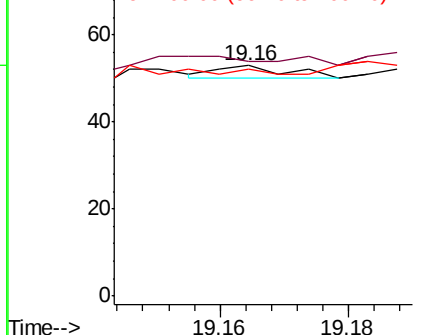
Tot Ion:	202	Resp:	2
Ion	Ratio	Lower	Upper
202	100		
101	101.9	0.0	33.2#
100	98.1	0.0	29.9#



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: 0.001 ng/ul

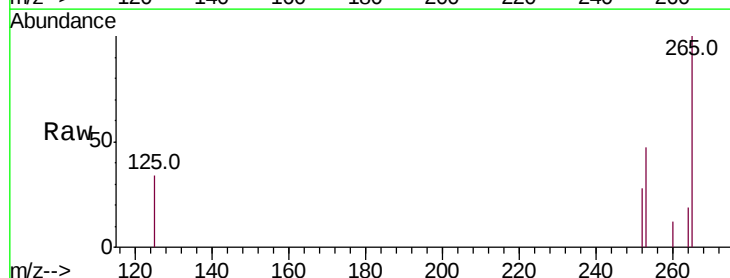
RT: 22.80 min Scan# 5229

Delta R.T. -0.06 min

Lab File: BN006776.D

Acq: 10 Jul 2019 18:49

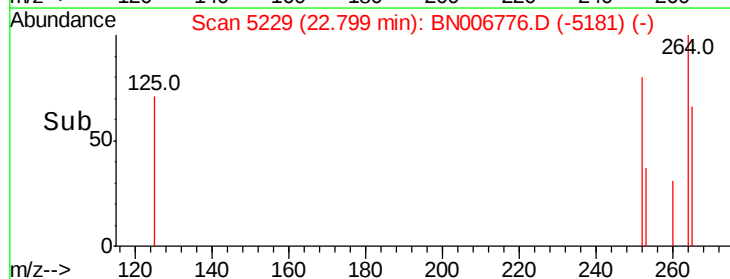
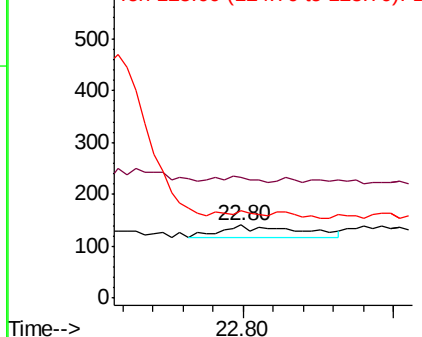
Tgt Ion:	252	Resp:	38
Ion	Ratio	Lower	Upper
252	100		
253	166.0	0.0	47.8#
125	119.9	0.0	29.2#

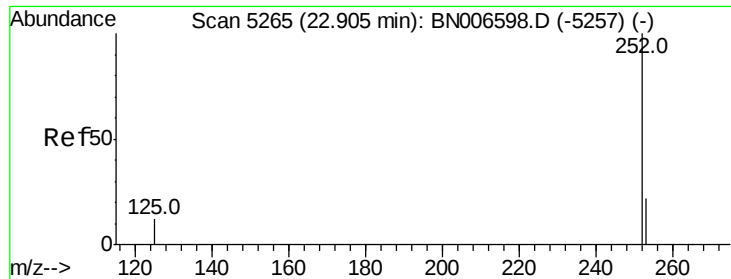


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.001 ng/ul

RT: 22.84 min Scan# 5243

Delta R.T. -0.06 min

Lab File: BN006776.D

Acq: 10 Jul 2019 18:49

Instrument :

BNA_N

ClientSampleId :

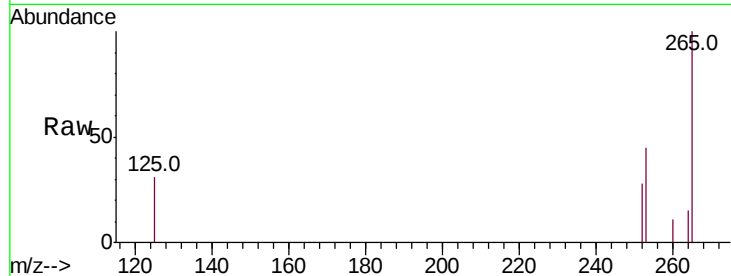
Tot Ion:252 Resp: 42

Ion Ratio Lower Upper

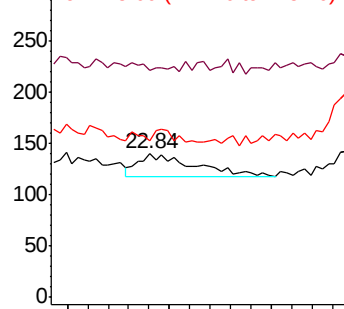
252 100

253 157.9 19.2 28.8#

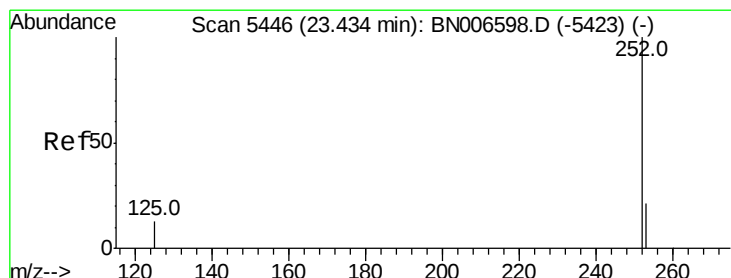
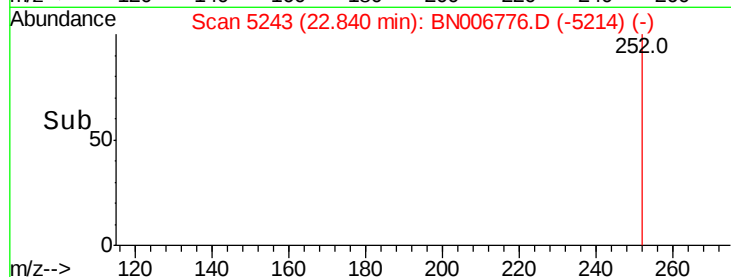
125 109.3 11.0 16.6#



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



Time-->



#23

Benzo(a)pyrene

Concen: 0.065 ng/ul

RT: 23.30 min Scan# 5401

Delta R.T. -0.13 min

Lab File: BN006776.D

Acq: 10 Jul 2019 18:49

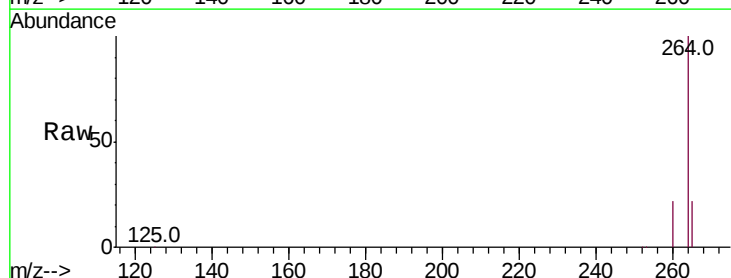
Tgt Ion:252 Resp: 4076

Ion Ratio Lower Upper

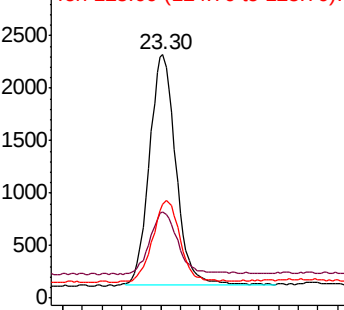
252 100

253 35.5 19.4 29.2#

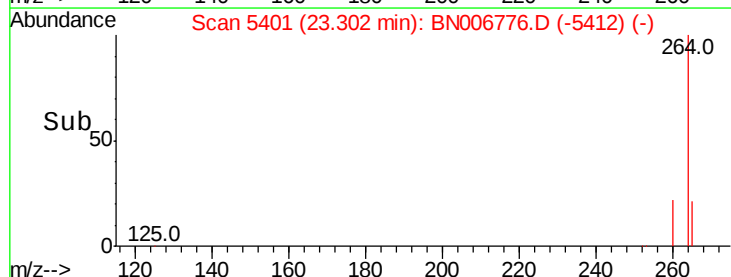
125 38.4 12.6 19.0#

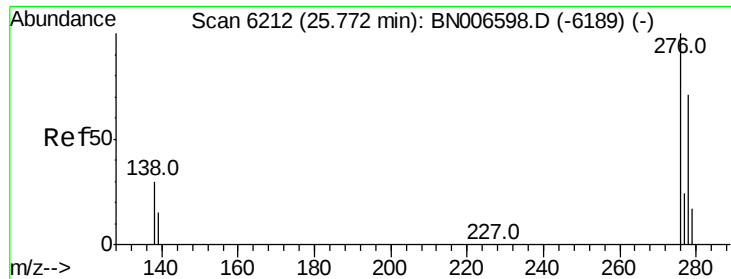


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



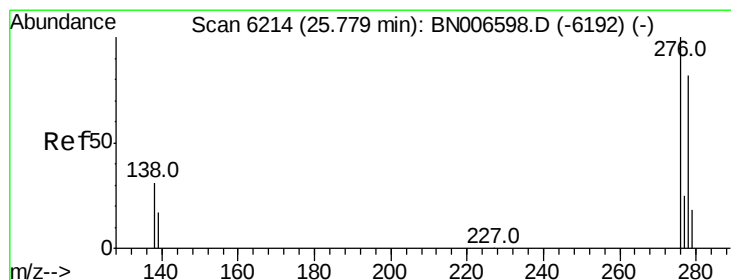
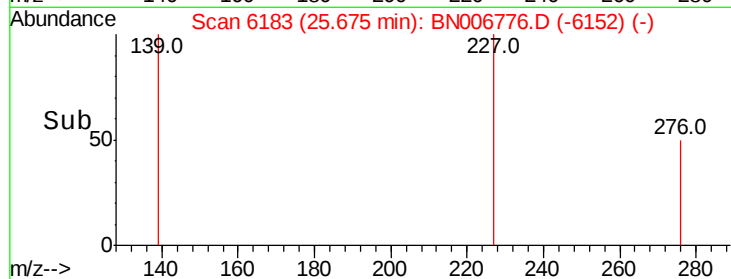
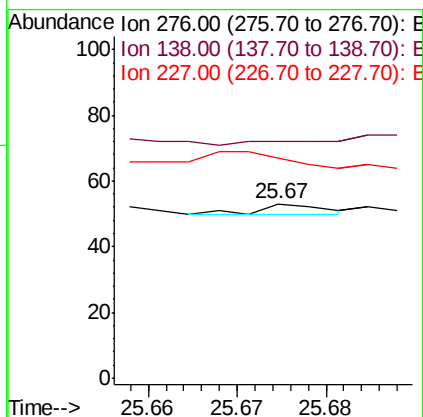
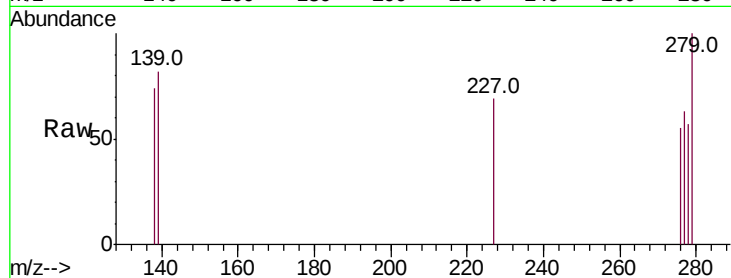


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/uL
RT: 25.67 min Scan# 6183
Delta R.T. -0.10 min
Lab File: BN006776.D
Acq: 10 Jul 2019 18:49

Instrument :
BNA_N
ClientSampleId :

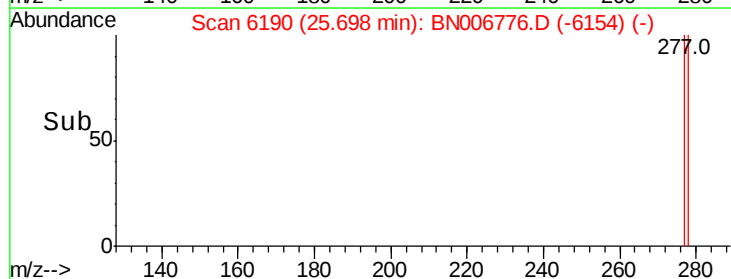
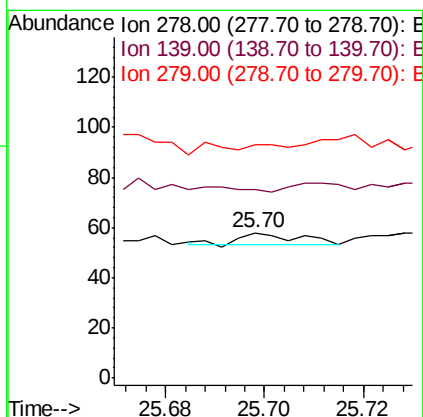
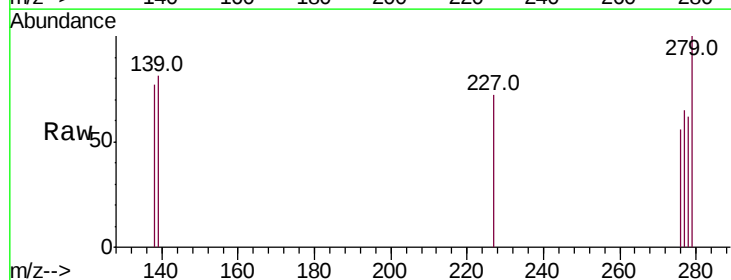
Tot Ion: 276 Resp: 1
Ion Ratio Lower Upper
276 100
138 0.0 24.3 36.5#
227 400.0 0.2 0.4#

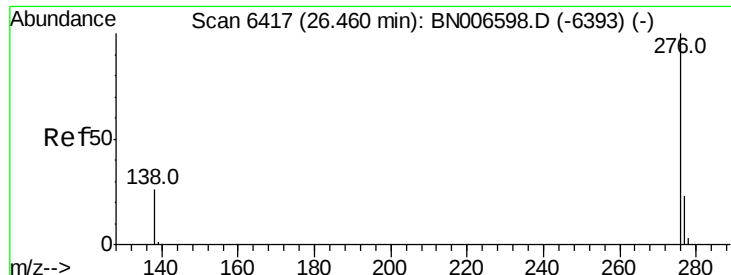


#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/uL
RT: 25.70 min Scan# 6190
Delta R.T. -0.08 min
Lab File: BN006776.D
Acq: 10 Jul 2019 18:49

Tgt Ion: 278 Resp: 4
Ion Ratio Lower Upper
278 100
139 129.3 18.1 27.1#
279 160.3 19.8 29.6#





#26

Benzo(a,h,i)perylene

Concen: 0.000 ng/ul

RT: 26.38 min Scan# 6393

Delta R.T. -0.08 min

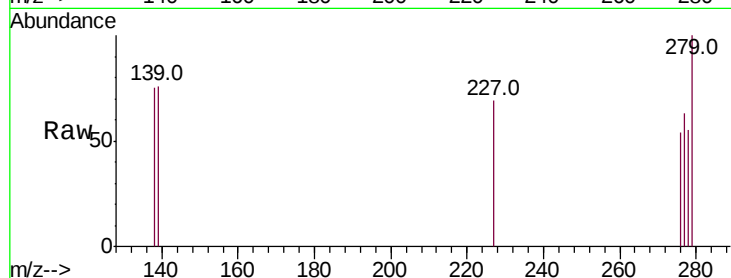
Lab File: BN006776.D

Acq: 10 Jul 2019 18:49

Instrument :

BNA_N

ClientSampleId :



Tot Ion:	276	Resp:	2
Ion	Ratio	Lower	Upper
276	100		
138	138.5	22.2	33.2#
277	115.4	19.5	29.3#

