

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
 Data File : BN006774.D
 Acq On : 10 Jul 2019 17:40
 Operator : HP/JU
 Sample : PB121119BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 01:00:14 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

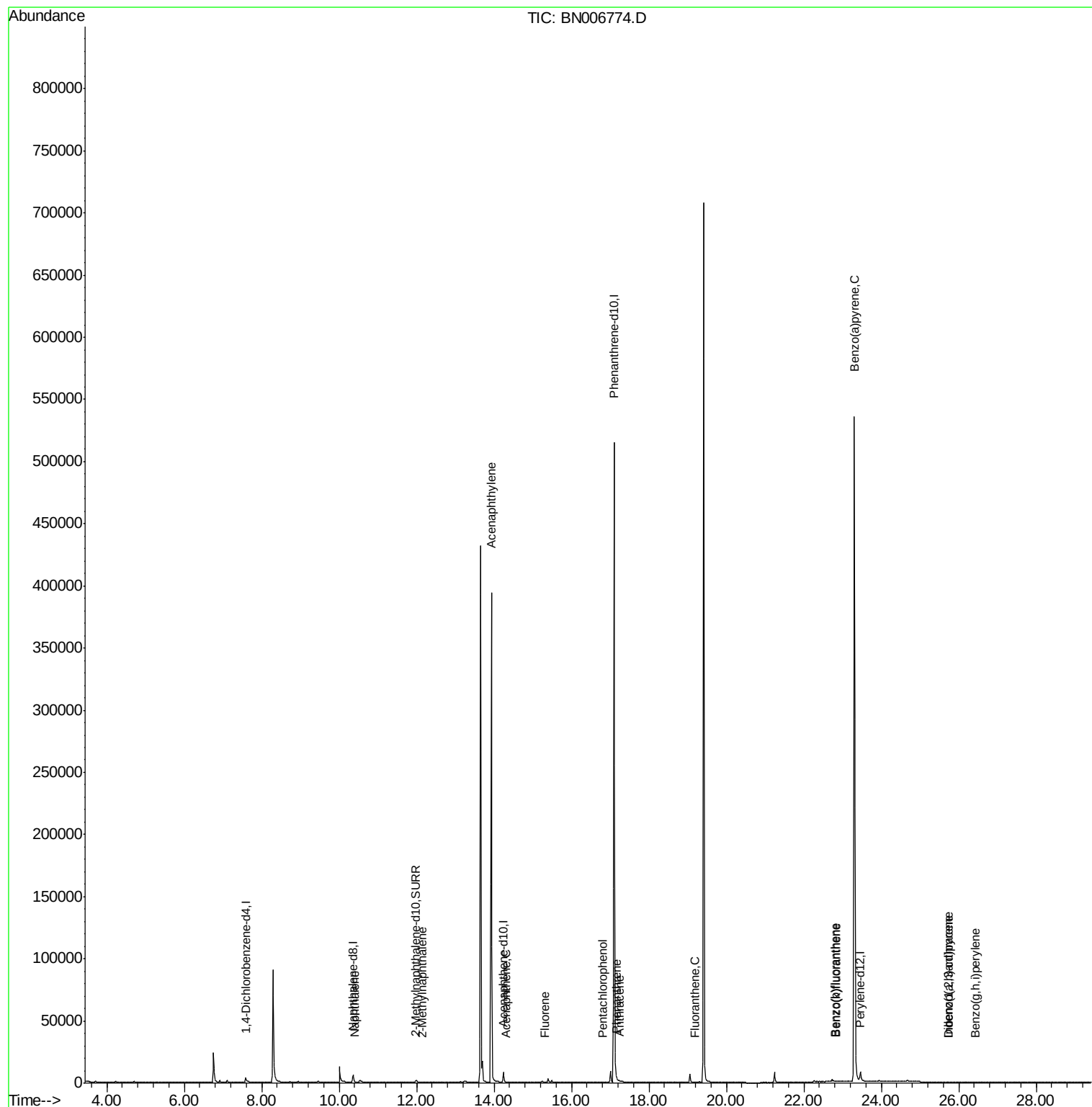
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2521	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.36	136	9037	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.24	164	4837	0.40	ng/ul	-0.04
10) Phenanthrene-d10	17.09	188	584309	0.40	ng/ul	0.06
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.27
20) Perylene-d12	23.46	264	14170	0.40	ng/ul	-0.07
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3299	0.24	ng/ul	-0.03
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	62	0.002	ng/ul#	1
5) 2-Methylnaphthalene	12.15	142	2	0.000	ng/ul	89
7) Acenaphthylene	13.92	152	78	0.003	ng/ul#	1
8) Acenaphthene	14.31	153	20	0.001	ng/ul#	76
9) Fluorene	15.31	166	46	0.002	ng/ul#	76
11) Pentachlorophenol	16.80	266	1	0.000	ng/ul#	1
12) Phenanthrene	17.17	178	22	0.000	ng/ul#	1
13) Anthracene	17.25	178	16	0.000	ng/ul#	1
15) Fluoranthene	19.18	202	6	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.81	252	148	0.003	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	92	0.002	ng/ul#	1
23) Benzo(a)pyrene	23.30	252	2669	0.047	ng/ul#	26
24) Indeno(1,2,3-cd)pyrene	25.74	276	114	0.002	ng/ul#	45
25) Dibenzo(a,h)anthracene	25.73	278	62	0.001	ng/ul#	1
26) Benzo(g,h,i)perylene	26.42	276	92	0.002	ng/ul#	1

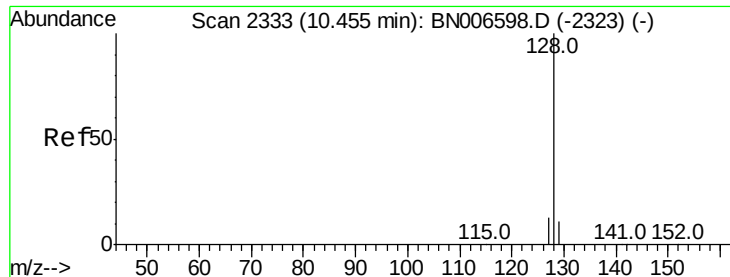
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.002 ng/ul

RT: 10.41 min Scan# 2325

Delta R.T. -0.04 min

Lab File: BN006774.D

Acq: 10 Jul 2019 17:40

Instrument :

BNA_N

ClientSampleId :

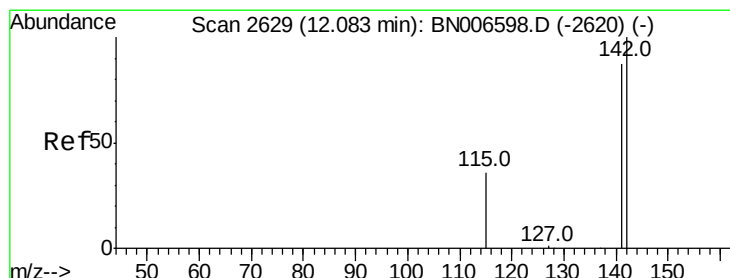
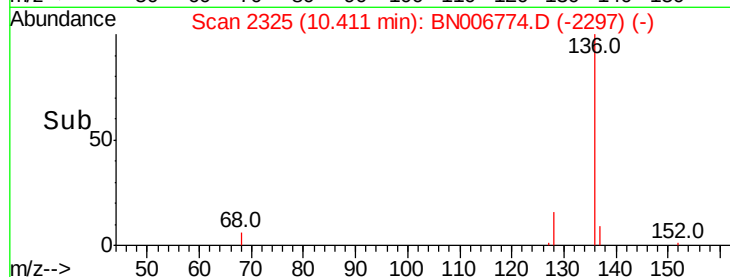
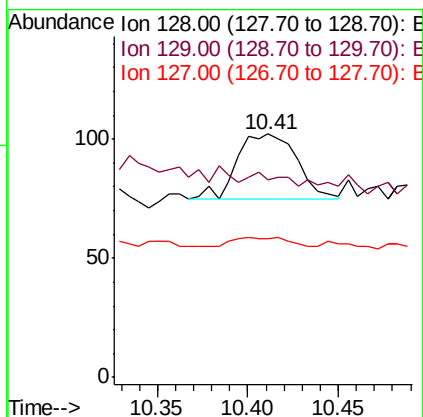
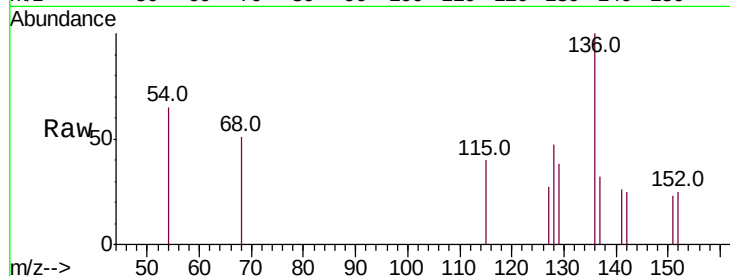
Tot Ion:128 Resp: 62

Ion Ratio Lower Upper

128 100

129 81.4 9.4 14.0#

127 56.9 10.6 16.0#



#5

2-Methylnaphthalene

Concen: 0.000 ng/ul

RT: 12.15 min Scan# 2642

Delta R.T. 0.07 min

Lab File: BN006774.D

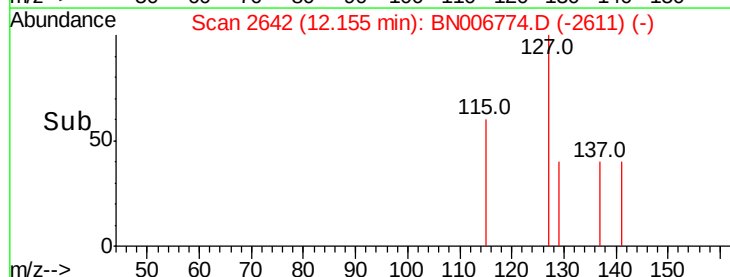
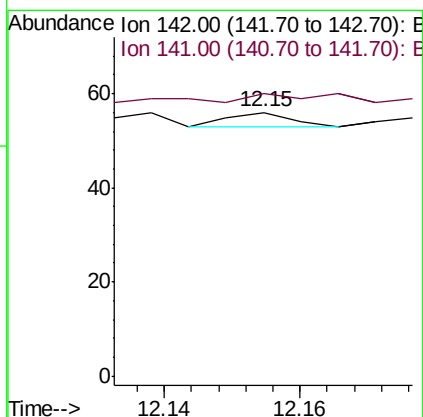
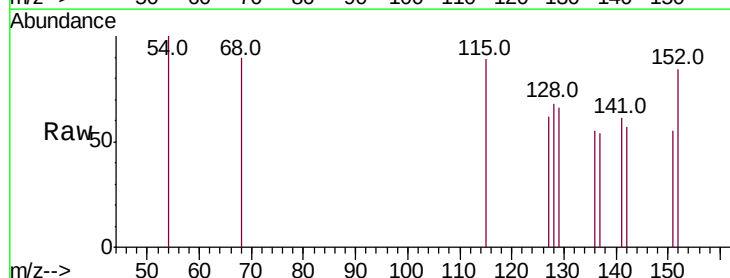
Acq: 10 Jul 2019 17:40

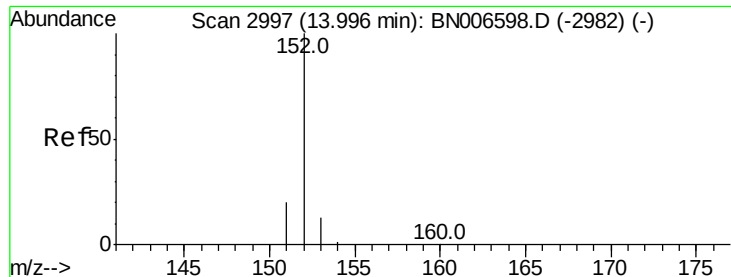
Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

142 100

141 100.0 71.8 107.6





#7

Acenaphthylene

Concen: 0.003 ng/ul

RT: 13.92 min Scan# 2981

Delta R.T. -0.07 min

Lab File: BN006774.D

Acq: 10 Jul 2019 17:40

Instrument :

BNA_N

ClientSampleId :

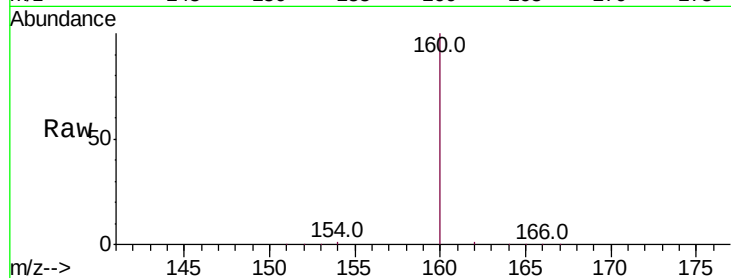
Tot Ion:152 Resp: 78

Ion Ratio Lower Upper

152 100

151 73.6 16.1 24.1#

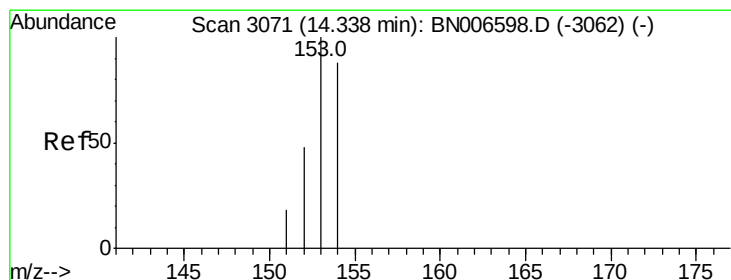
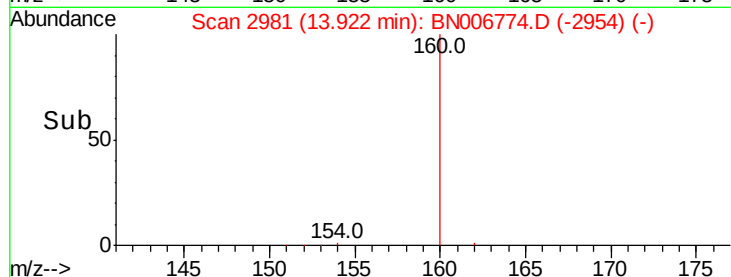
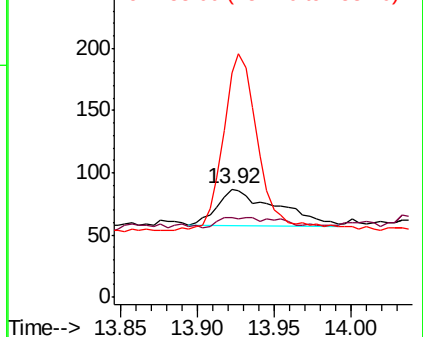
153 206.9 11.2 16.8#



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



#8

Acenaphthene

Concen: 0.001 ng/ul

RT: 14.31 min Scan# 3065

Delta R.T. -0.03 min

Lab File: BN006774.D

Acq: 10 Jul 2019 17:40

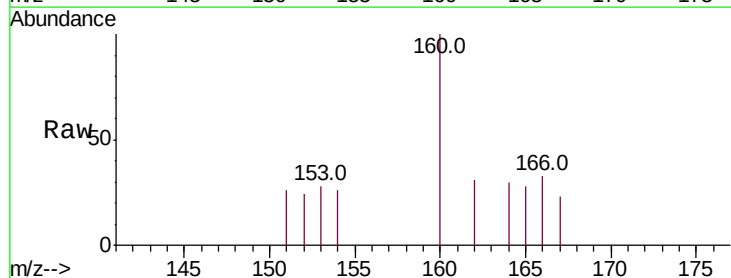
Tgt Ion:153 Resp: 20

Ion Ratio Lower Upper

153 100

152 88.2 39.3 58.9#

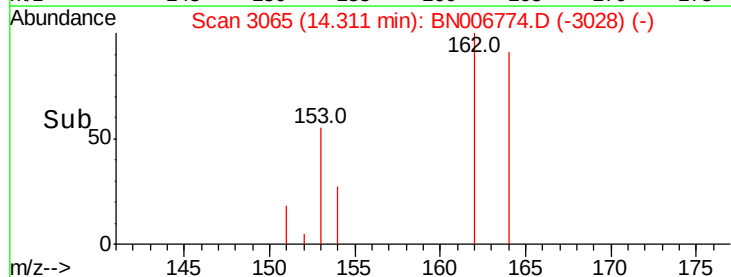
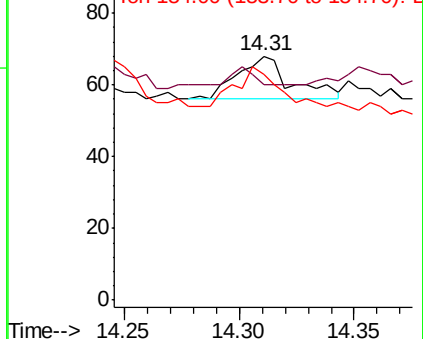
154 92.6 70.6 105.8

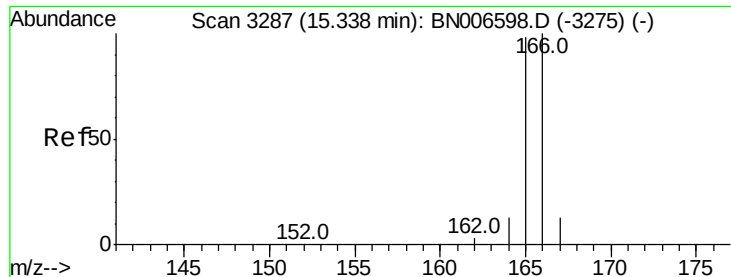


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.002 ng/ul

RT: 15.31 min Scan# 3280

Delta R.T. -0.03 min

Lab File: BN006774.D

Acq: 10 Jul 2019 17:40

Instrument :

BNA_N

ClientSampleId :

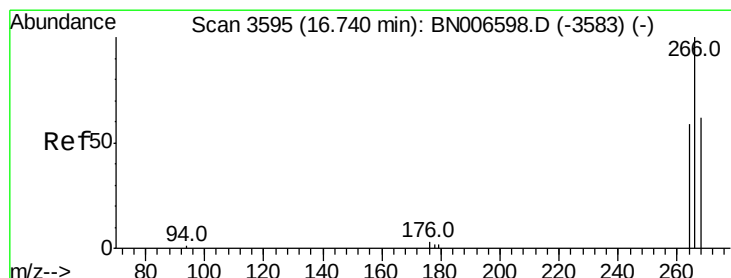
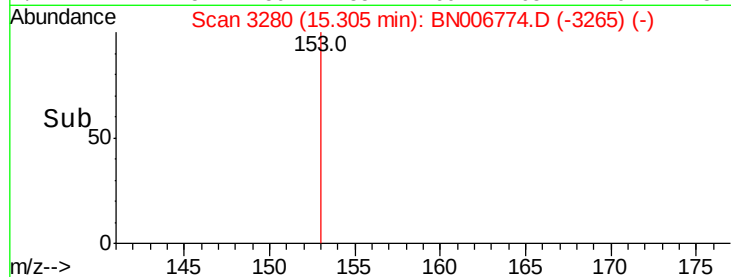
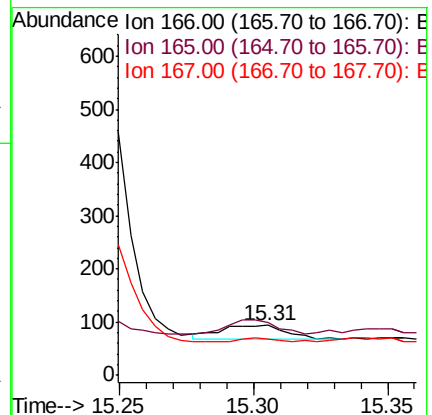
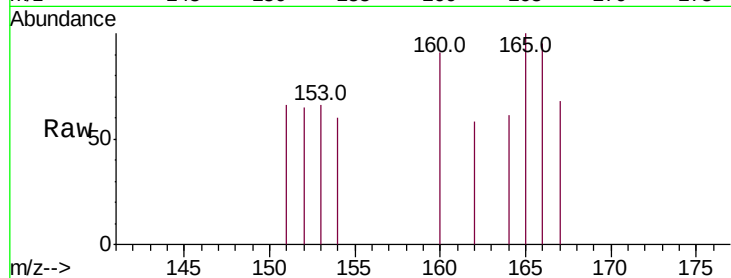
Tot Ion:166 Resp: 46

Ion Ratio Lower Upper

166 100

165 105.3 78.2 117.4

167 71.3 11.3 16.9#



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.80 min Scan# 3609

Delta R.T. 0.06 min

Lab File: BN006774.D

Acq: 10 Jul 2019 17:40

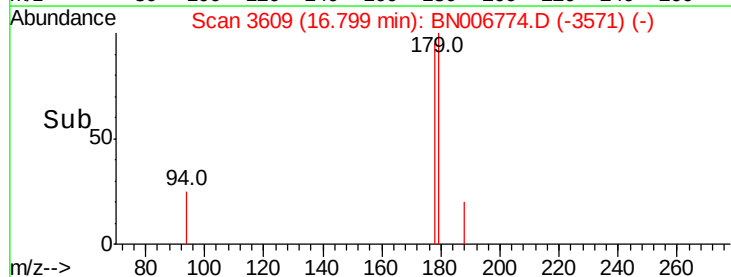
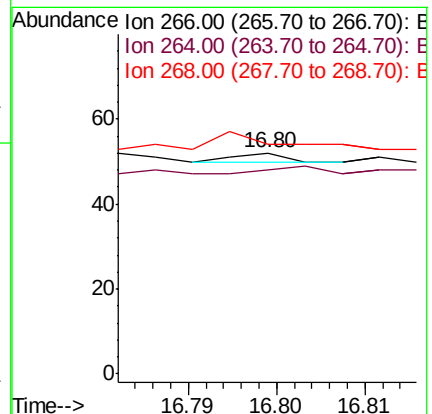
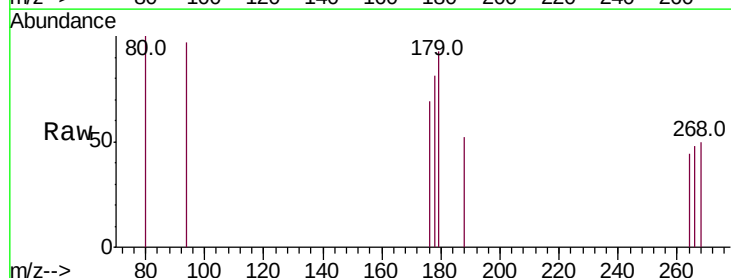
Tgt Ion:266 Resp: 1

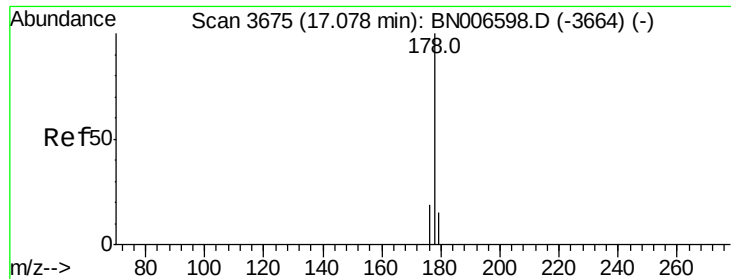
Ion Ratio Lower Upper

266 100

264 100.0 45.9 68.9#

268 300.0 48.1 72.1#





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.17 min Scan# 3698

Delta R.T. 0.10 min

Lab File: BN006774.D

Acq: 10 Jul 2019 17:40

Instrument :

BNA_N

ClientSampleId :

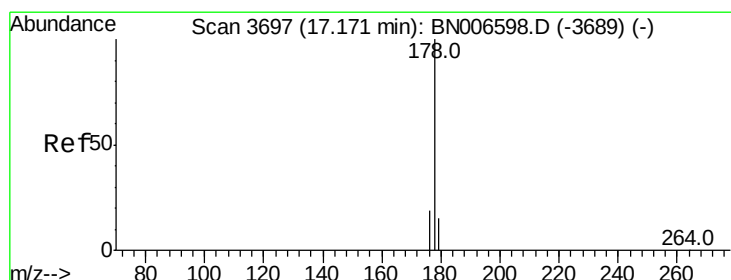
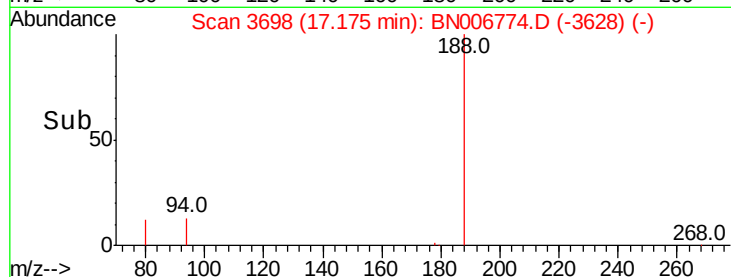
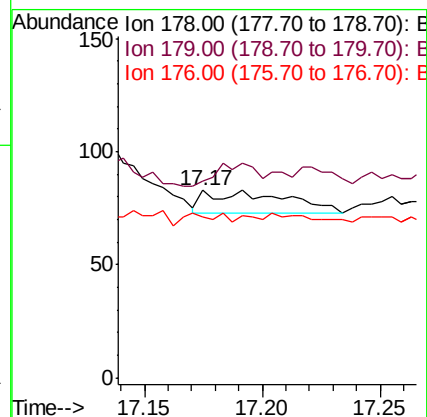
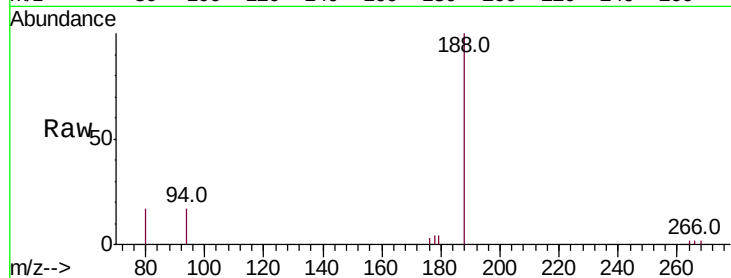
Tot Ion:178 Resp: 22

Ion Ratio Lower Upper

178 100

179 104.8 12.6 19.0#

176 85.5 15.8 23.8#



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.25 min Scan# 3717

Delta R.T. 0.08 min

Lab File: BN006774.D

Acq: 10 Jul 2019 17:40

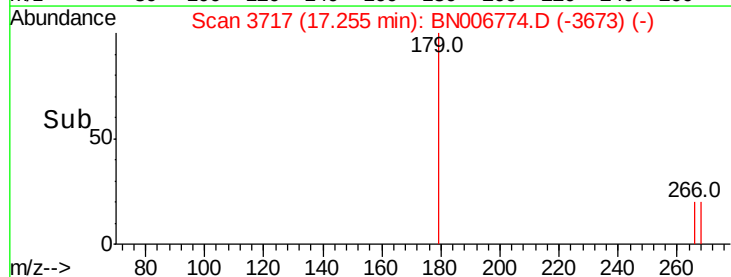
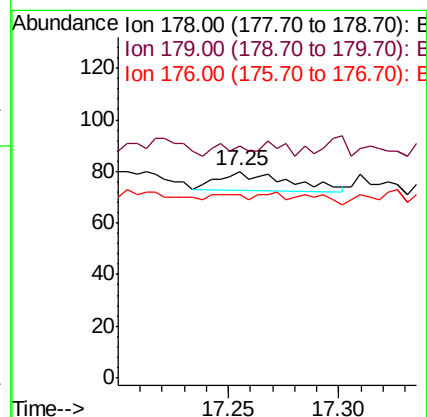
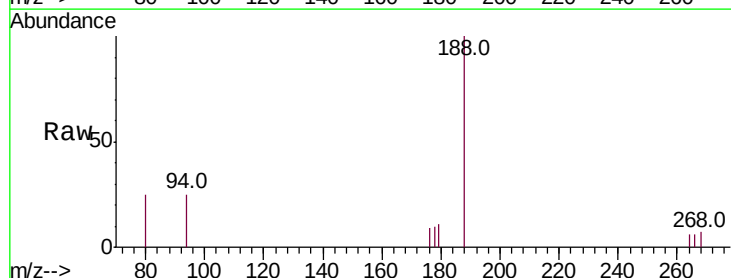
Tgt Ion:178 Resp: 16

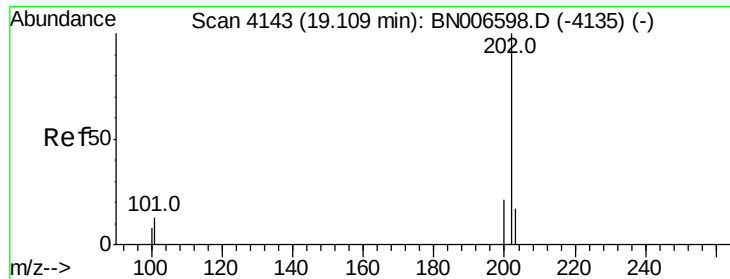
Ion Ratio Lower Upper

178 100

179 112.5 12.7 19.1#

176 88.8 15.8 23.6#

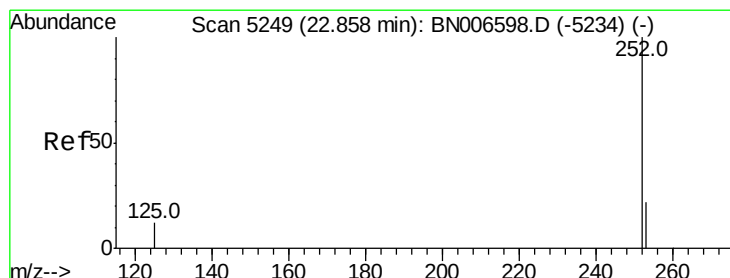
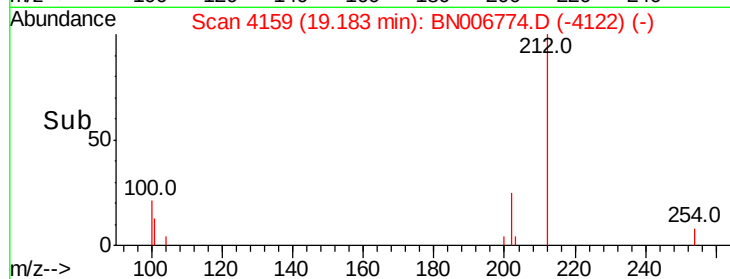
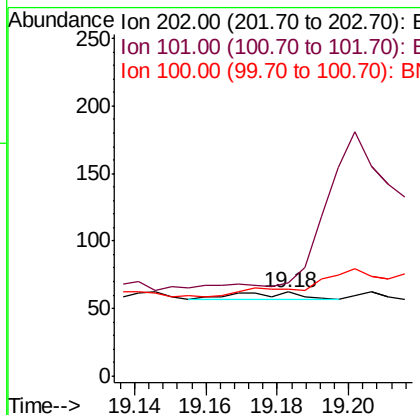
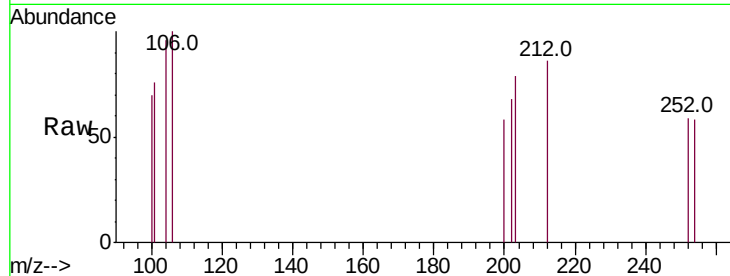




#15
 Fluoranthene
 Concen: 0.000 ng/ul
 RT: 19.18 min Scan# 4159
 Delta R.T. 0.07 min
 Lab File: BN006774.D
 Acq: 10 Jul 2019 17:40

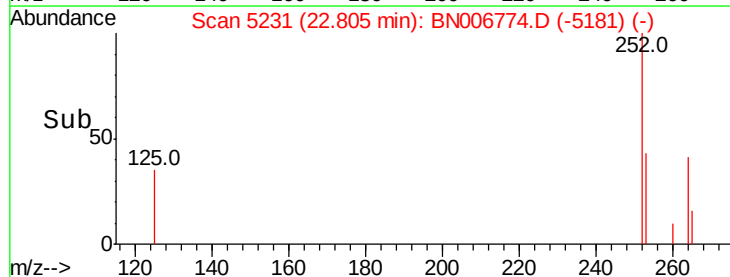
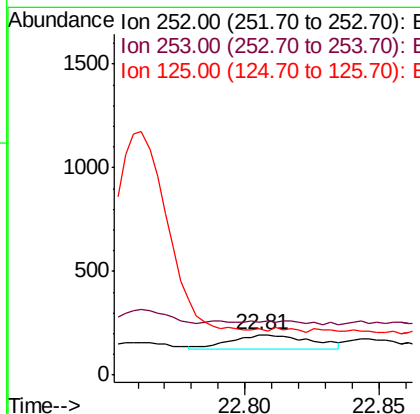
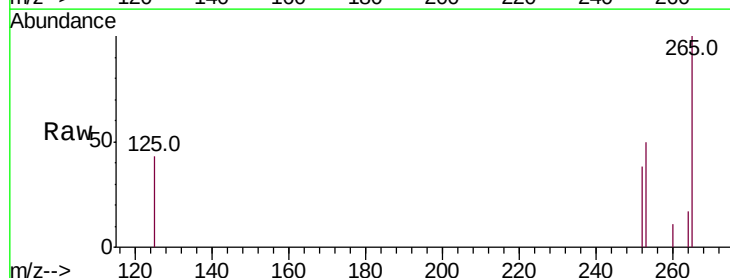
Instrument :
 BNA_N
 ClientSampleId :

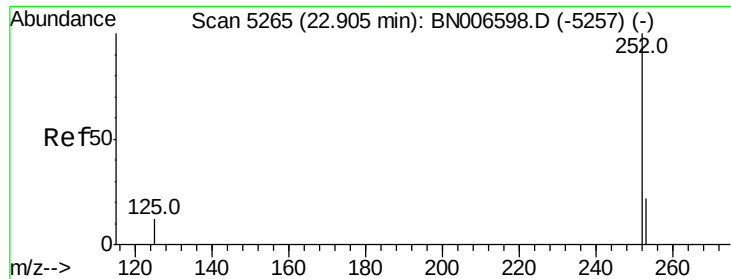
Tot Ion:202 Resp: 6
 Ion Ratio Lower Upper
 202 100
 101 111.3 0.0 33.2#
 100 103.2 0.0 29.9#



#21
 Benzo(b)fluoranthene
 Concen: 0.003 ng/ul
 RT: 22.81 min Scan# 5231
 Delta R.T. -0.05 min
 Lab File: BN006774.D
 Acq: 10 Jul 2019 17:40

Tgt Ion:252 Resp: 148
 Ion Ratio Lower Upper
 252 100
 253 131.6 0.0 47.8#
 125 114.3 0.0 29.2#

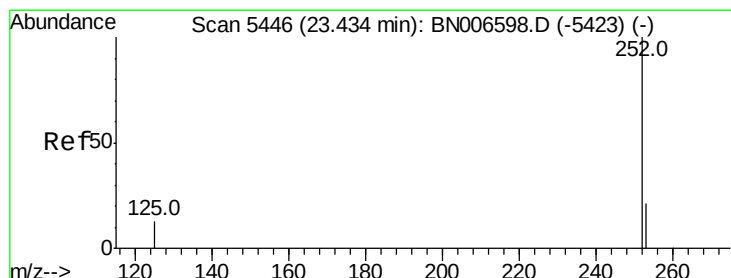
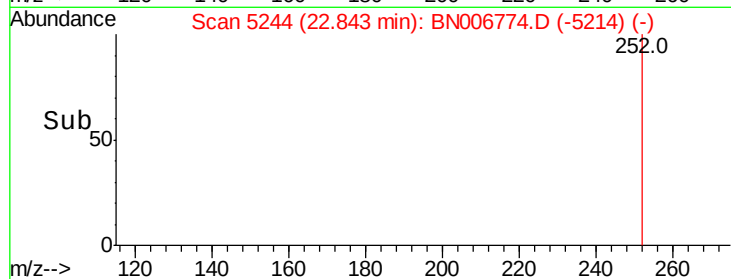
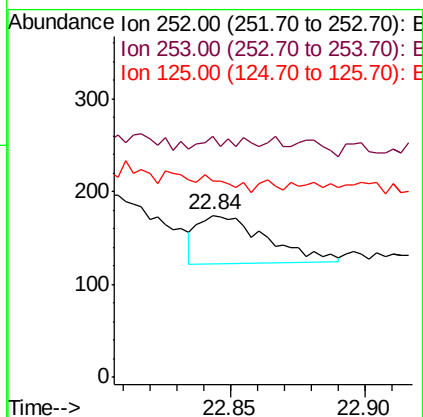
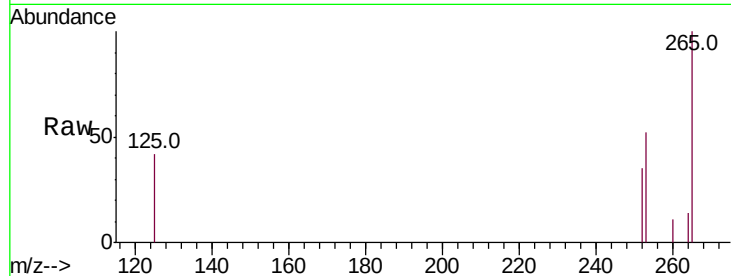




#22
Benzo(k)fluoranthene
Concen: 0.002 ng/ul
RT: 22.84 min Scan# 5244
Delta R.T. -0.06 min
Lab File: BN006774.D
Acq: 10 Jul 2019 17:40

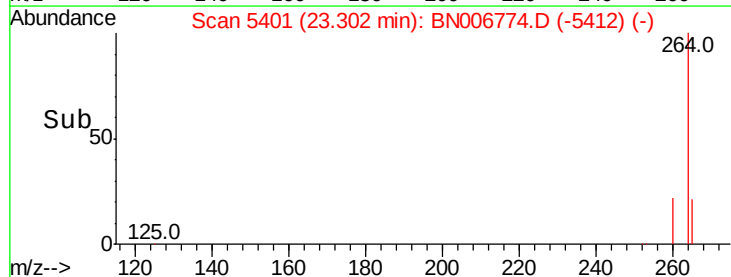
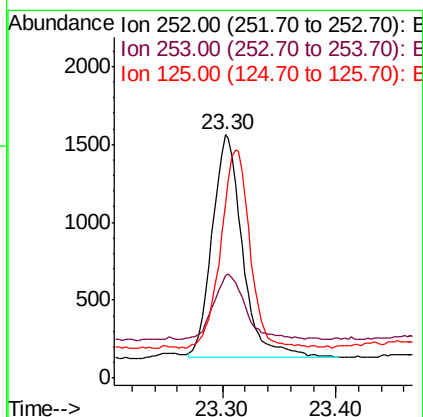
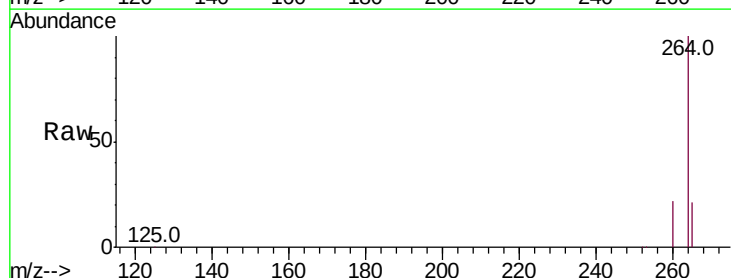
Instrument :
BNA_N
ClientSampleId :

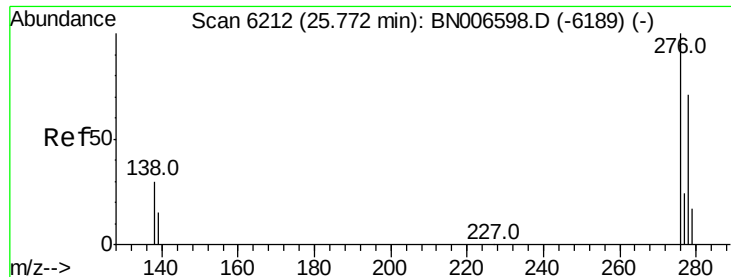
Tot Ion:252 Resp: 92
Ion Ratio Lower Upper
252 100
253 148.9 19.2 28.8#
125 121.3 11.0 16.6#



#23
Benzo(a)pyrene
Concen: 0.047 ng/ul
RT: 23.30 min Scan# 5401
Delta R.T. -0.13 min
Lab File: BN006774.D
Acq: 10 Jul 2019 17:40

Tgt Ion:252 Resp: 2669
Ion Ratio Lower Upper
252 100
253 42.4 19.4 29.2#
125 71.9 12.6 19.0#

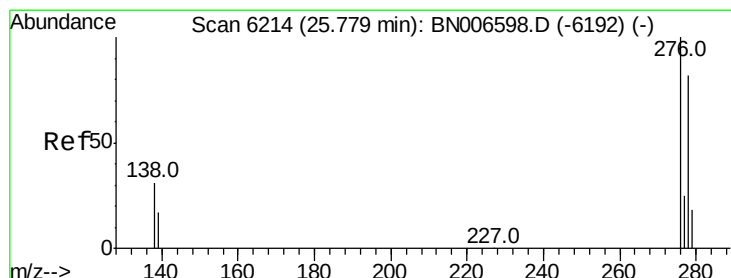
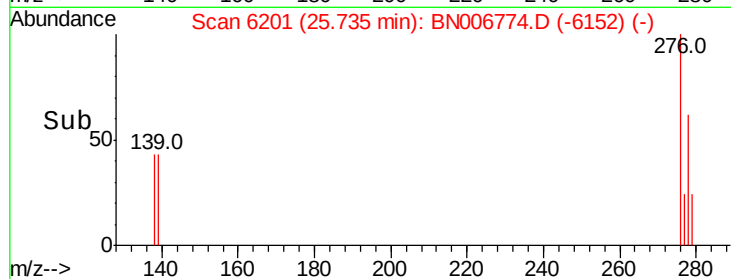
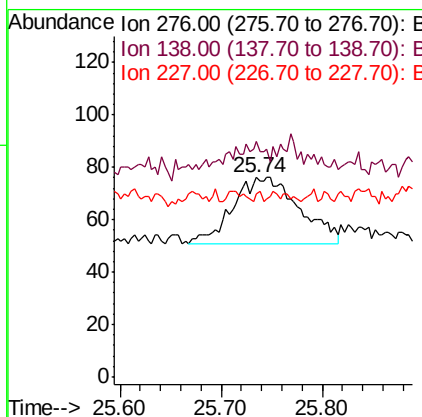
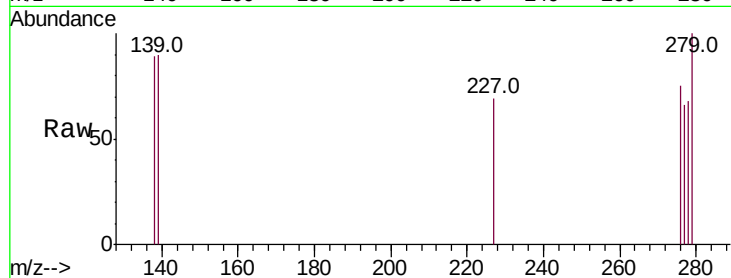




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.002 ng/ul
 RT: 25.74 min Scan# 6201
 Delta R.T. -0.04 min
 Lab File: BN006774.D
 Acq: 10 Jul 2019 17:40

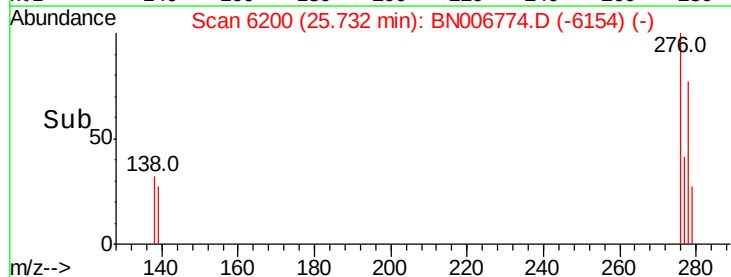
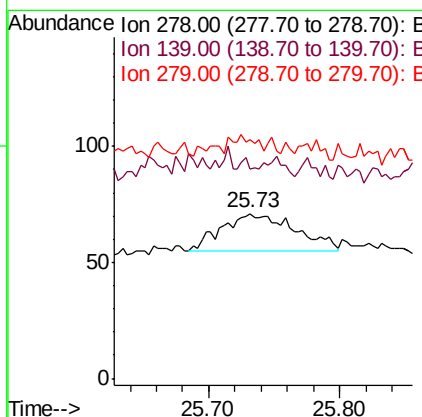
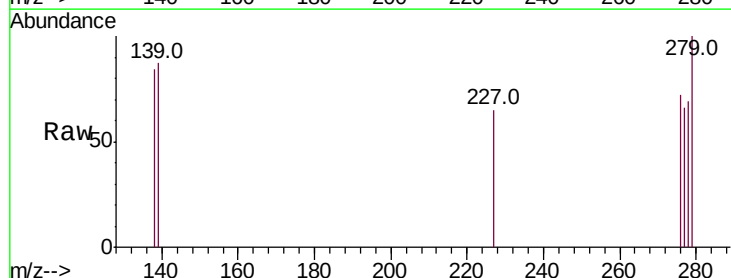
Instrument :
 BNA_N
 ClientSampleId :

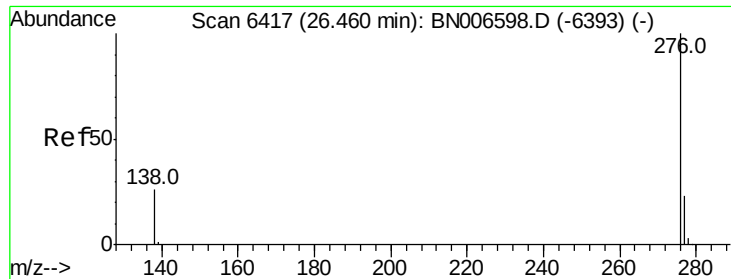
Tot Ion:276 Resp: 114
 Ion Ratio Lower Upper
 276 100
 138 0.0 24.3 36.5#
 227 0.9 0.2 0.4#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.001 ng/ul
 RT: 25.73 min Scan# 6200
 Delta R.T. -0.05 min
 Lab File: BN006774.D
 Acq: 10 Jul 2019 17:40

Tgt Ion:278 Resp: 62
 Ion Ratio Lower Upper
 278 100
 139 126.8 18.1 27.1#
 279 145.1 19.8 29.6#





#26

Benzo(a,h,i)perylene

Concen: 0.002 ng/ul

RT: 26.42 min Scan# 6404

Delta R.T. -0.04 min

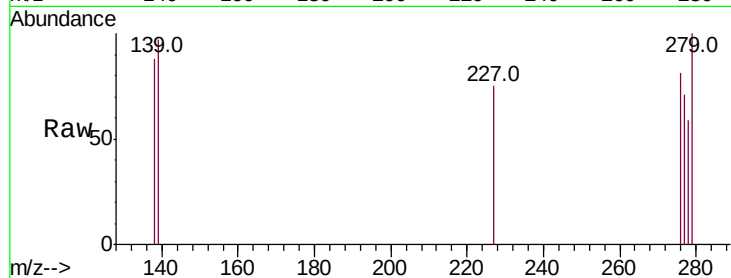
Lab File: BN006774.D

Acq: 10 Jul 2019 17:40

Instrument :

BNA_N

ClientSampleId :



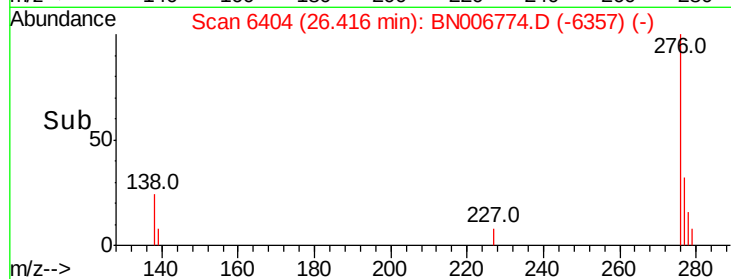
Tot Ion:276 Resp: 92

Ion Ratio Lower Upper

276 100

138 109.1 22.2 33.2#

277 87.0 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

