

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
 Data File : BN006775.D
 Acq On : 10 Jul 2019 18:15
 Operator : HP/JU
 Sample : PB121121BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 01:00:19 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

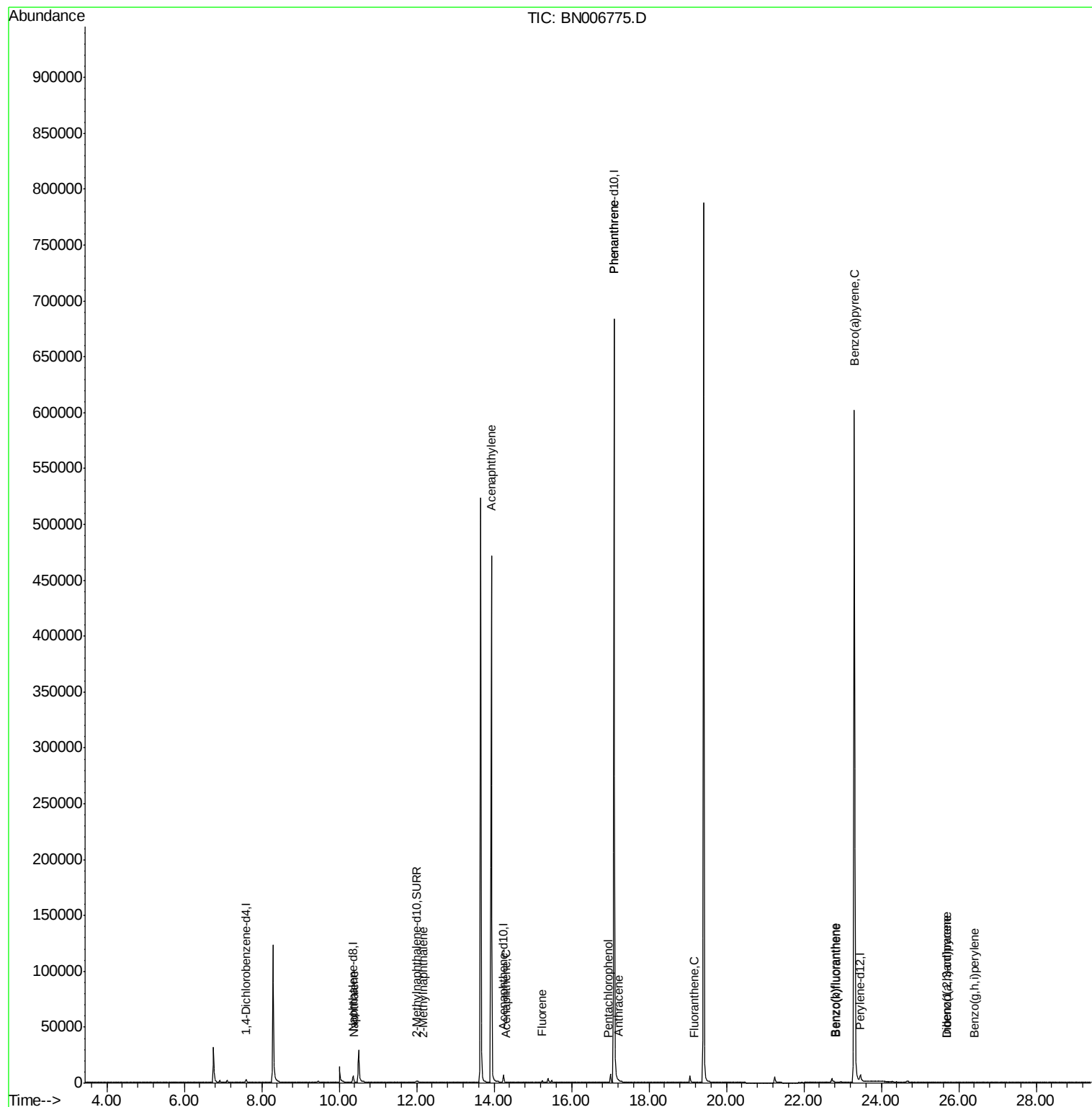
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2218	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.36	136	8001	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.24	164	4149	0.40	ng/ul	-0.04
10) Phenanthrene-d10	17.09	188	719105	0.40	ng/ul	0.06
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.27
20) Perylene-d12	23.46	264	13070	0.40	ng/ul	-0.07
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3135	0.25	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	22	0.001	ng/ul#	1
5) 2-Methylnaphthalene	12.16	142	2	0.000	ng/ul	89
7) Acenaphthylene	13.93	152	84	0.004	ng/ul#	1
8) Acenaphthene	14.31	153	33	0.002	ng/ul#	71
9) Fluorene	15.24	166	1329	0.073	ng/ul#	15
11) Pentachlorophenol	16.94	266	2	0.000	ng/ul	88
12) Phenanthrene	17.09	178	338	0.000	ng/ul#	1
13) Anthracene	17.22	178	4	0.000	ng/ul#	1
15) Fluoranthene	19.17	202	3	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.81	252	29	0.001	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	9	0.000	ng/ul#	1
23) Benzo(a)pyrene	23.30	252	3029	0.058	ng/ul#	59
24) Indeno(1,2,3-cd)pyrene	25.70	276	1	0.000	ng/ul#	1
25) Dibenzo(a,h)anthracene	25.69	278	1	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.40	276	1	0.000	ng/ul#	1

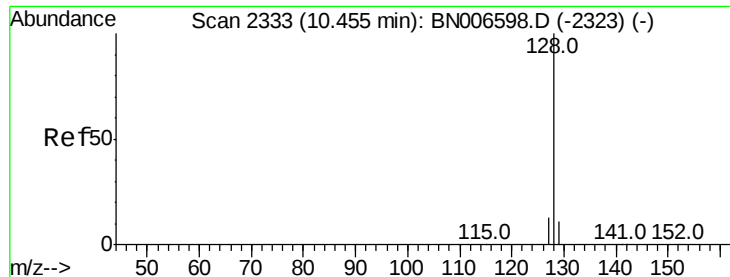
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 27 14:44:40 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.001 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.06 min

Lab File: BN006775.D

Acq: 10 Jul 2019 18:15

Instrument :

BNA_N

ClientSampled :

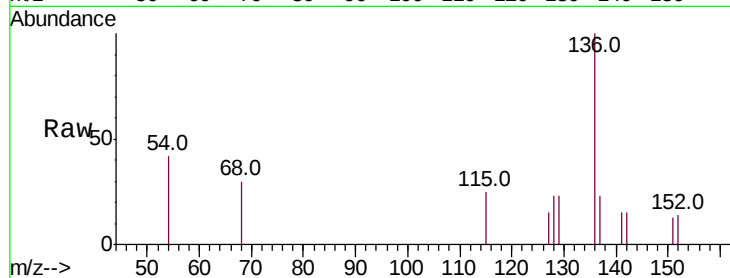
Tot Ion:128 Resp: 22

Ion Ratio Lower Upper

128 100

129 97.6 9.4 14.0#

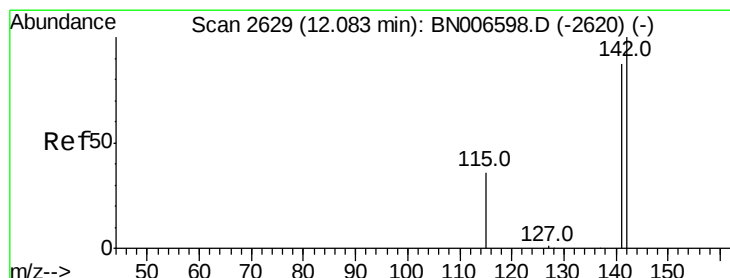
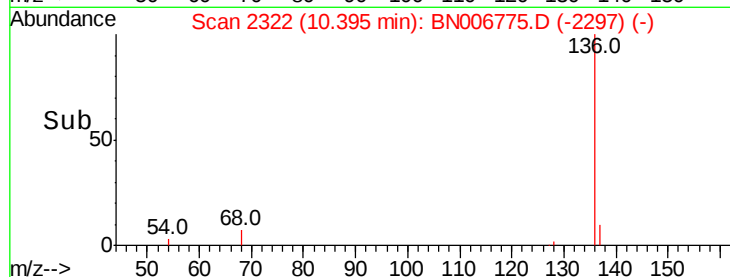
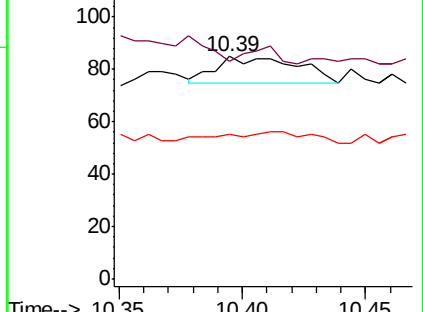
127 64.7 10.6 16.0#



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: 12.16 min Scan# 2643

Delta R.T. 0.08 min

Lab File: BN006775.D

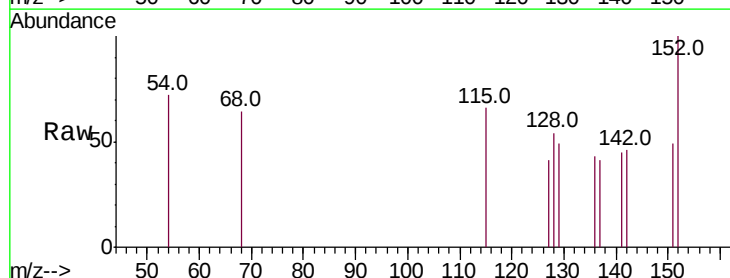
Acq: 10 Jul 2019 18:15

Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

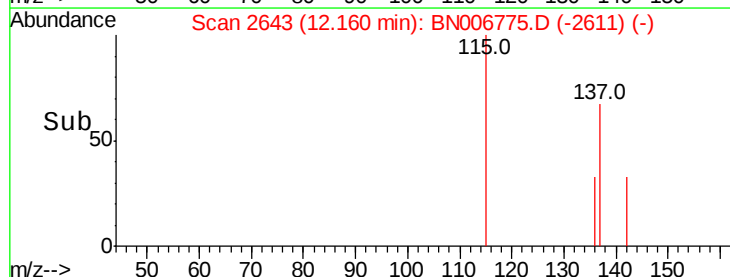
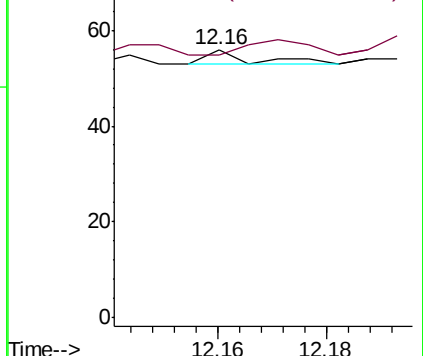
142 100

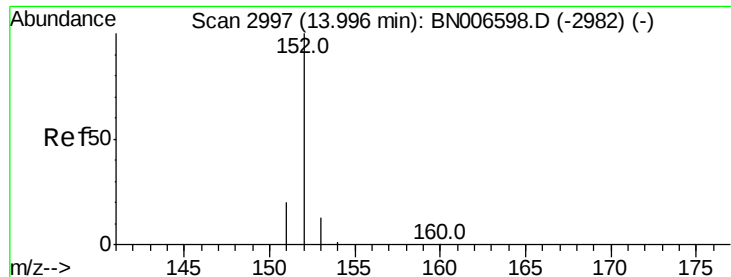
141 100.0 71.8 107.6



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: 13.93 min Scan# 2982

Delta R.T. -0.07 min

Lab File: BN006775.D

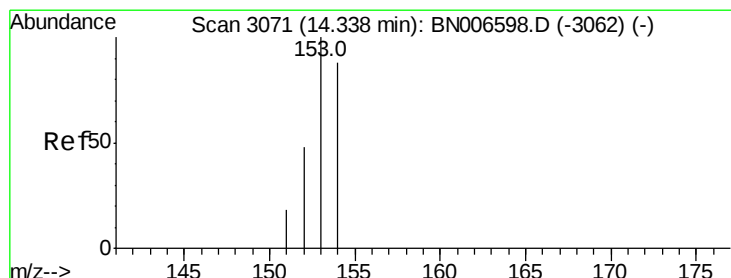
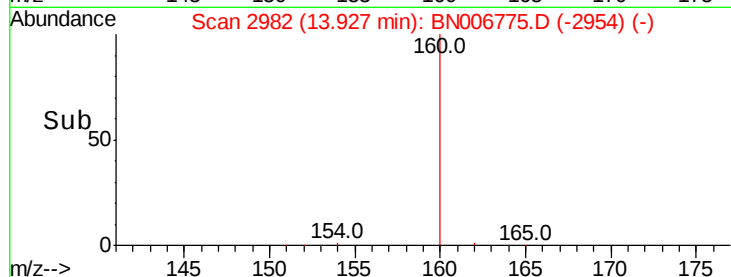
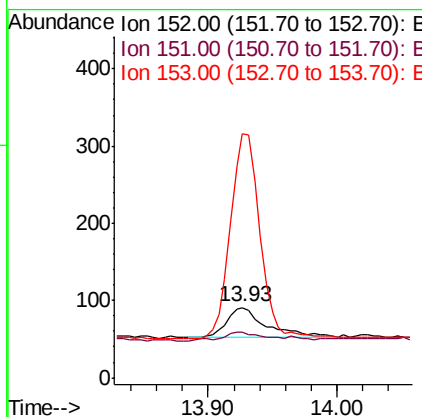
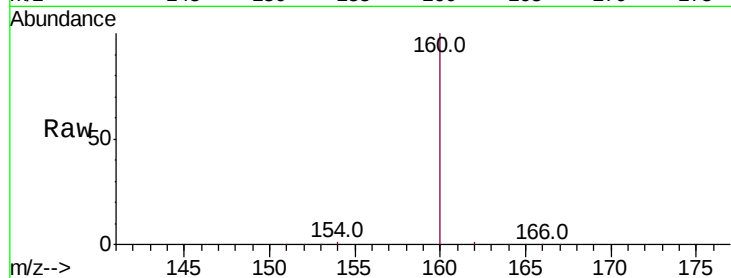
Acq: 10 Jul 2019 18:15

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	152	Resp:	84
Ion	Ratio	Lower	Upper
152	100		
151	64.8	16.1	24.1#
153	347.3	11.2	16.8#



#8

Acenaphthene

Concen: 0.002 ng/ul

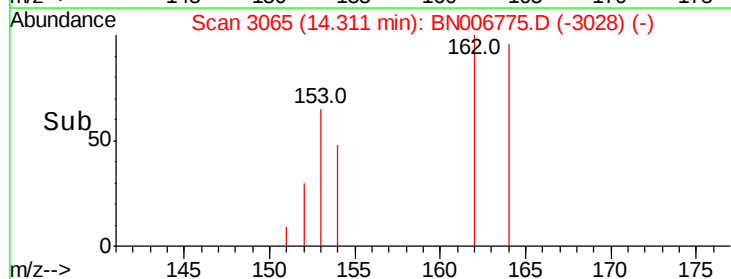
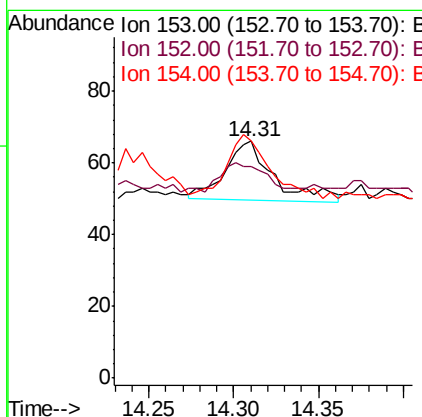
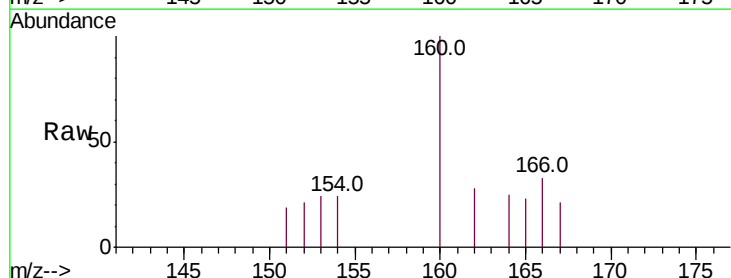
RT: 14.31 min Scan# 3065

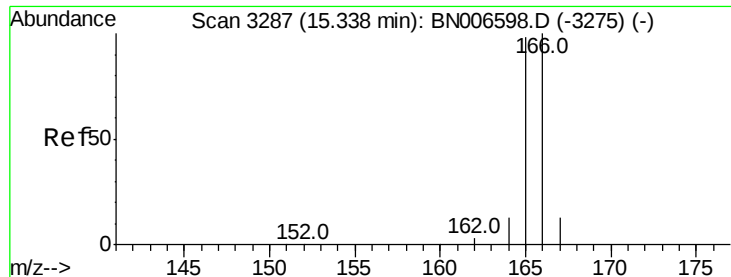
Delta R.T. -0.03 min

Lab File: BN006775.D

Acq: 10 Jul 2019 18:15

Tgt Ion:	153	Resp:	33
Ion	Ratio	Lower	Upper
153	100		
152	89.4	39.3	58.9#
154	100.0	70.6	105.8





#9

Fluorene

Concen: 0.073 ng/ul

RT: 15.24 min Scan# 3266

Delta R.T. -0.10 min

Lab File: BN006775.D

Acq: 10 Jul 2019 18:15

Instrument :

BNA_N

ClientSampled :

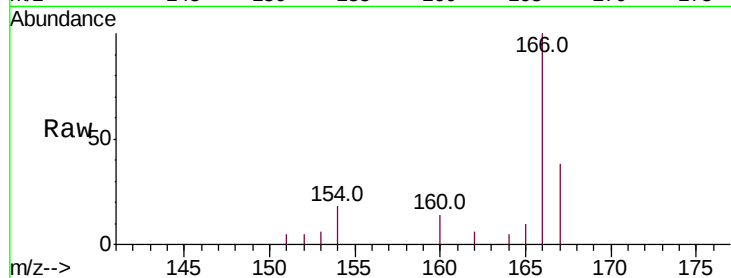
Tot Ion:166 Resp: 1329

Ion Ratio Lower Upper

166 100

165 9.9 78.2 117.4#

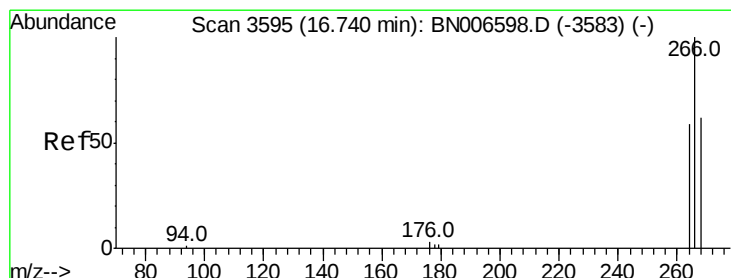
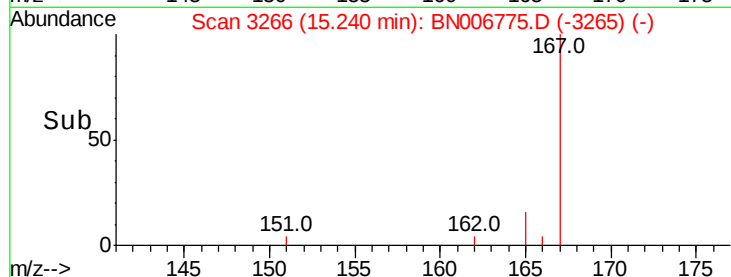
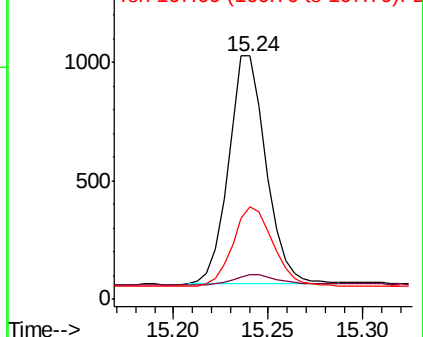
167 38.0 11.3 16.9#



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: 16.94 min Scan# 3643

Delta R.T. 0.20 min

Lab File: BN006775.D

Acq: 10 Jul 2019 18:15

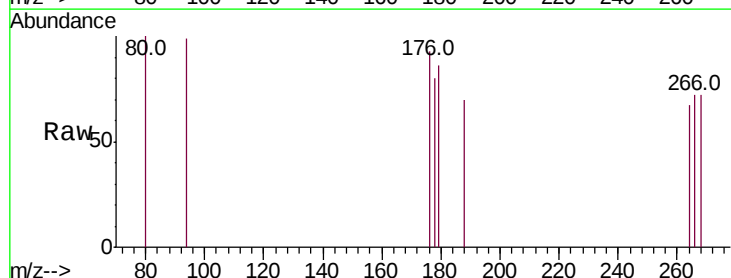
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 50.0 45.9 68.9

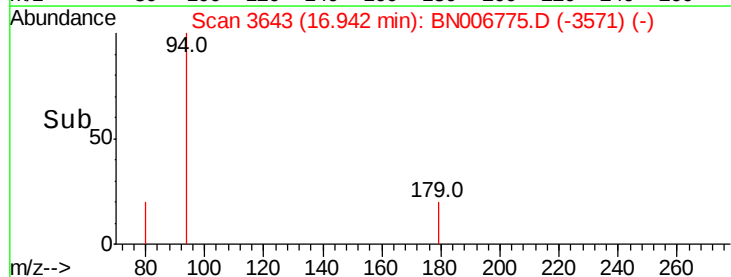
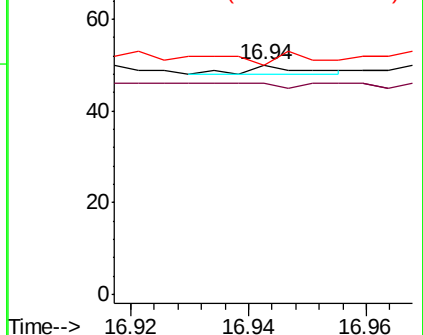
268 50.0 48.1 72.1

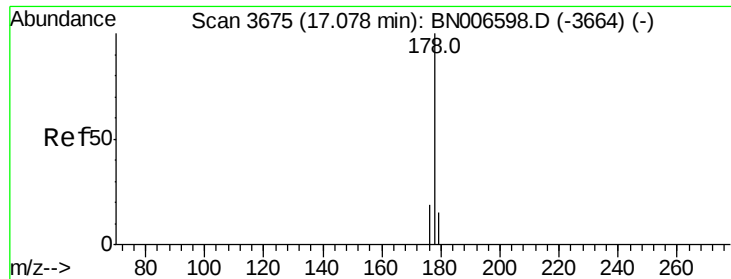


Abundance Ion 266.00 (265.70 to 266.70): E

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: BN006775.D

Acq: 10 Jul 2019 18:15

Instrument :

BNA_N

ClientSampleId :

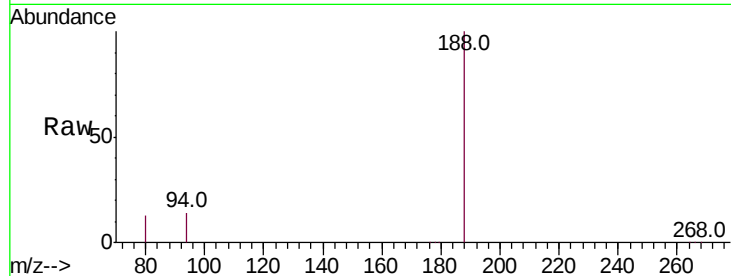
Tot Ion:178 Resp: 338

Ion Ratio Lower Upper

178 100

179 229.6 12.6 19.0#

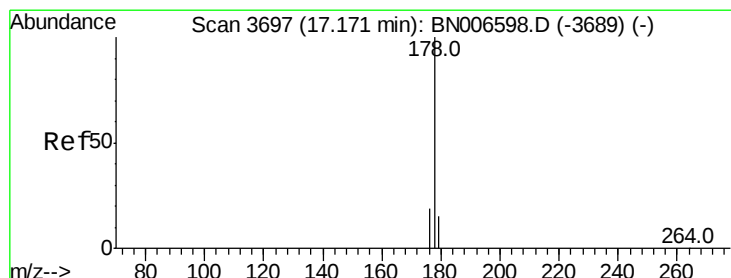
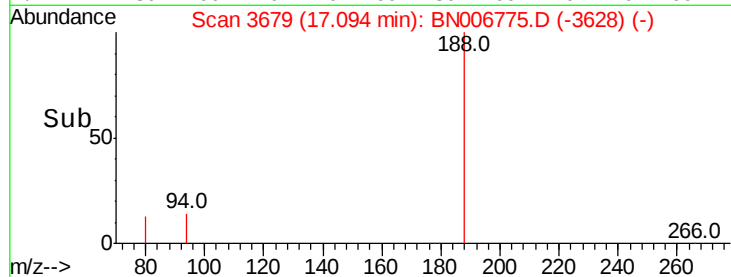
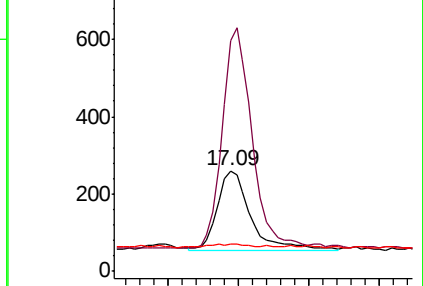
176 26.5 15.8 23.8#



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# 3709

Delta R.T. 0.05 min

Lab File: BN006775.D

Acq: 10 Jul 2019 18:15

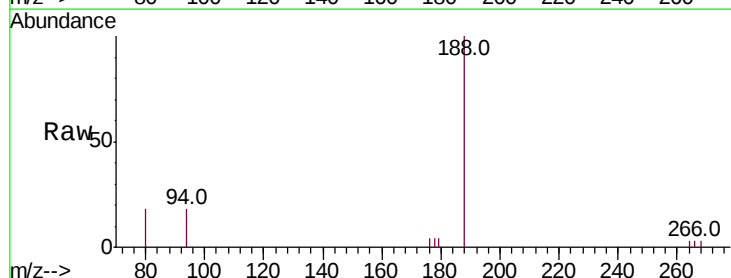
Tgt Ion:178 Resp: 4

Ion Ratio Lower Upper

178 100

179 103.4 12.7 19.1#

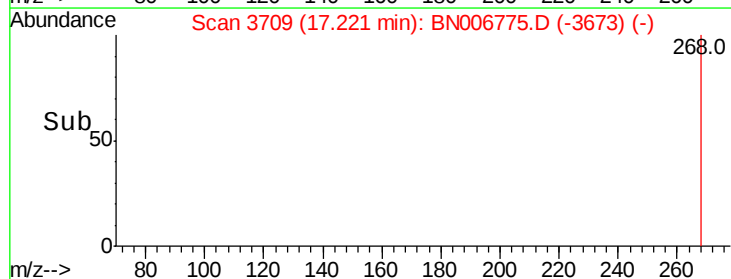
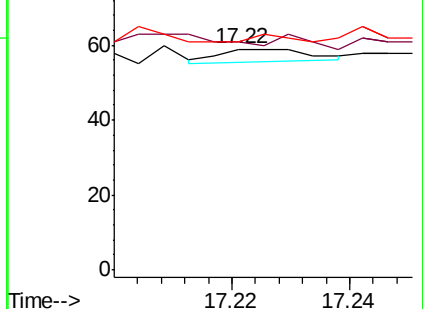
176 103.4 15.8 23.6#

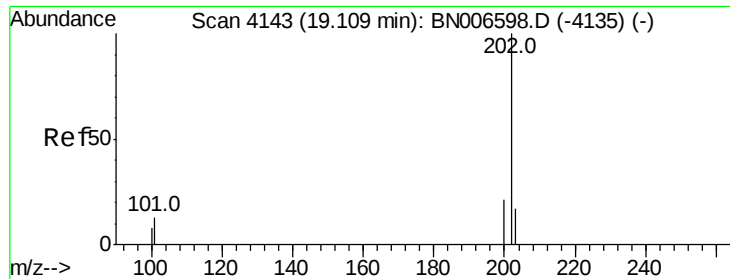


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.17 min Scan# 4156

Delta R.T. 0.06 min

Lab File: BN006775.D

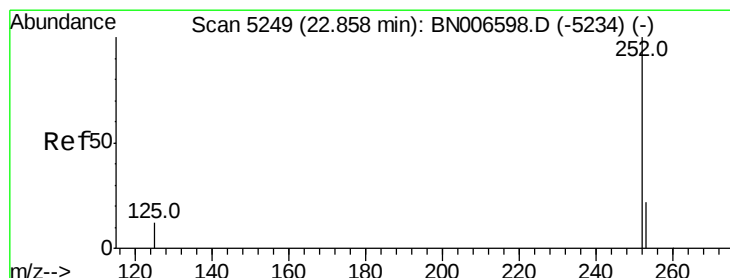
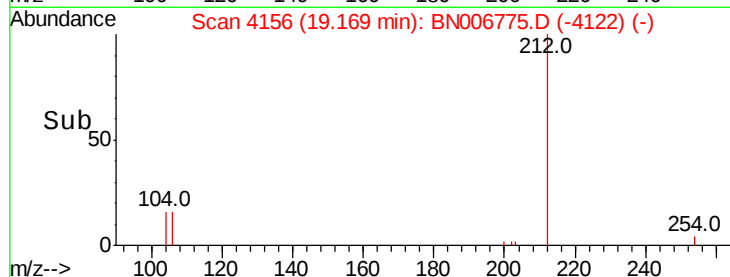
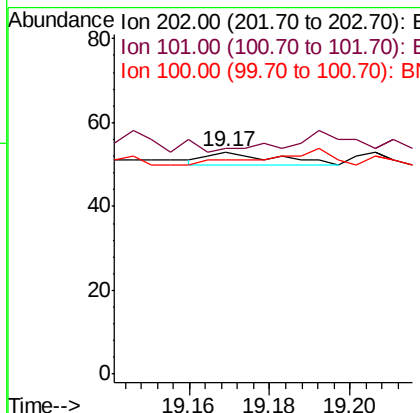
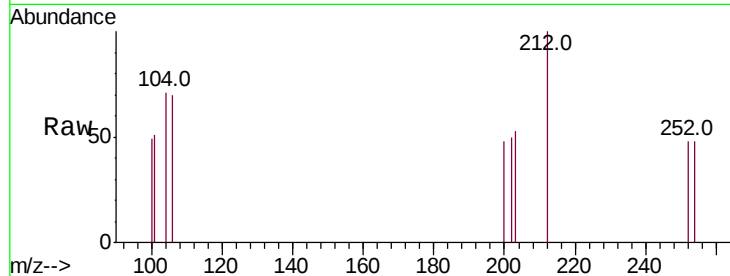
Acq: 10 Jul 2019 18:15

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	202	Resp:	3
Ion	Ratio	Lower	Upper
202	100		
101	101.9	0.0	33.2#
100	96.2	0.0	29.9#



#21

Benzo(b)fluoranthene

Concen: 0.001 ng/ul

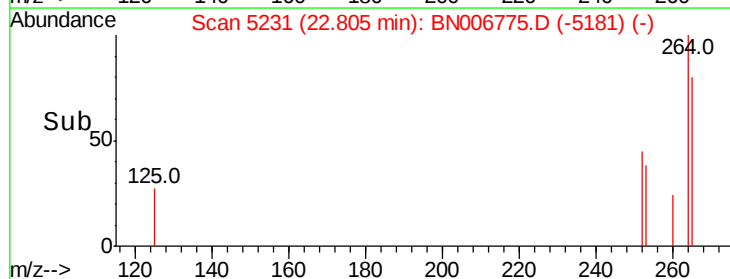
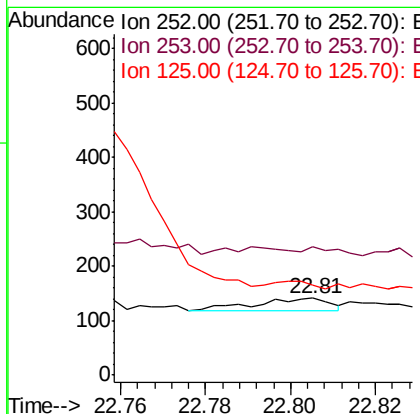
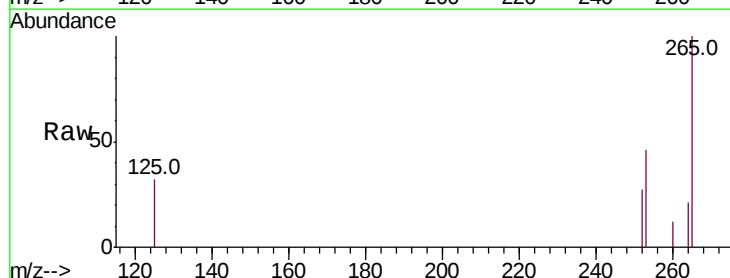
RT: 22.81 min Scan# 5231

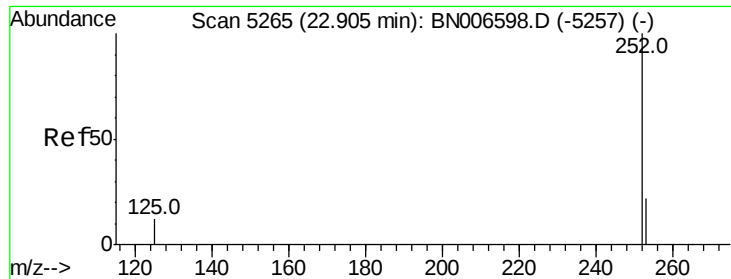
Delta R.T. -0.05 min

Lab File: BN006775.D

Acq: 10 Jul 2019 18:15

Tgt Ion:	252	Resp:	29
Ion	Ratio	Lower	Upper
252	100		
253	167.4	0.0	47.8#
125	117.7	0.0	29.2#





#22

Benzo(k)fluoranthene

Concen: 0.000 ng/ul

RT: 22.84 min Scan# 5242

Delta R.T. -0.07 min

Lab File: BN006775.D

Acq: 10 Jul 2019 18:15

Instrument :

BNA_N

ClientSampled :

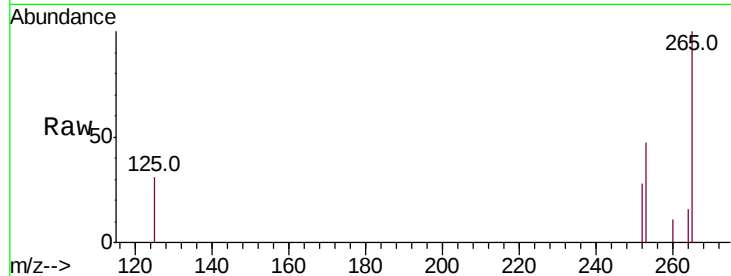
Tot Ion:252 Resp: 9

Ion Ratio Lower Upper

252 100

253 167.4 19.2 28.8#

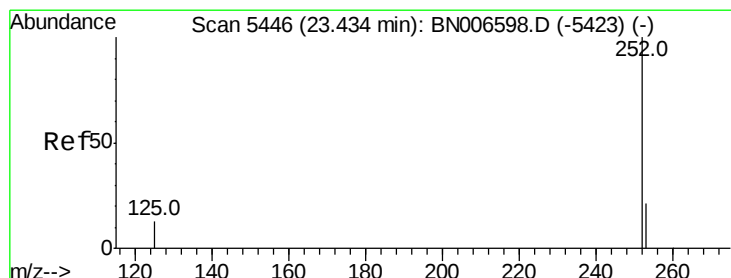
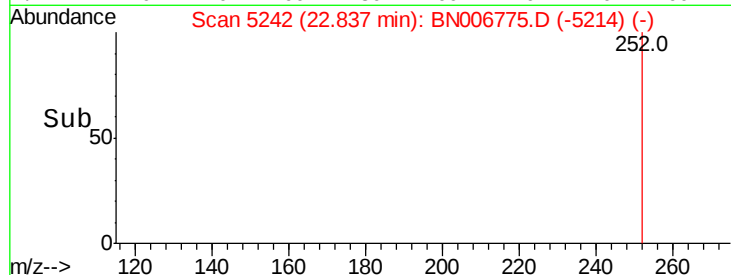
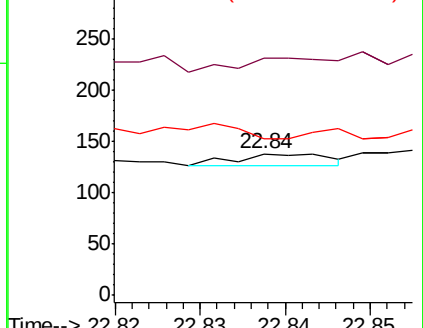
125 110.9 11.0 16.6#



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: 0.058 ng/ul

RT: 23.30 min Scan# 5400

Delta R.T. -0.13 min

Lab File: BN006775.D

Acq: 10 Jul 2019 18:15

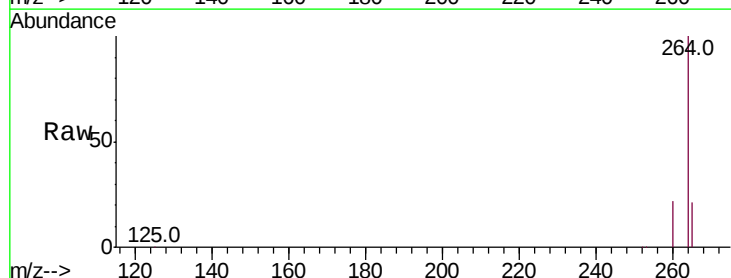
Tgt Ion:252 Resp: 3029

Ion Ratio Lower Upper

252 100

253 39.2 19.4 29.2#

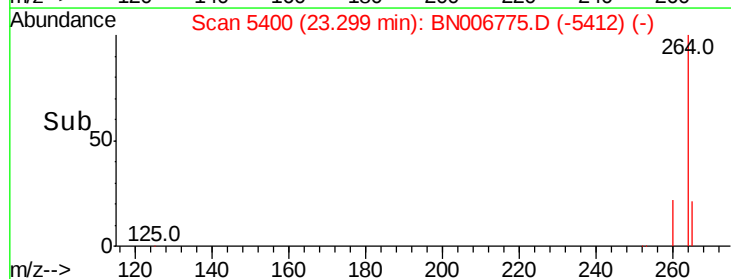
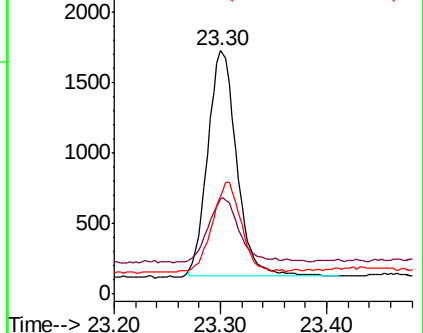
125 40.1 12.6 19.0#

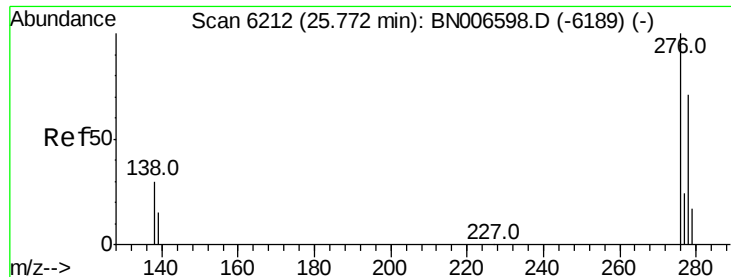


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



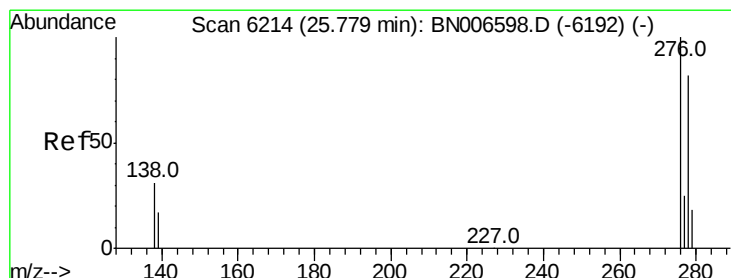
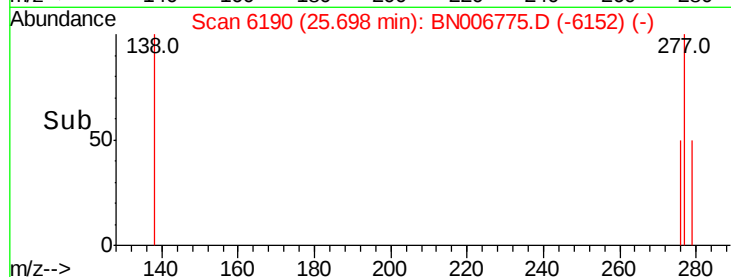
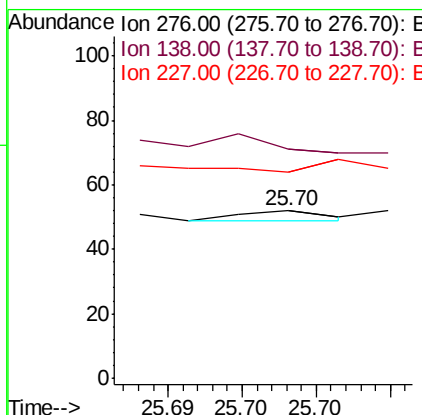
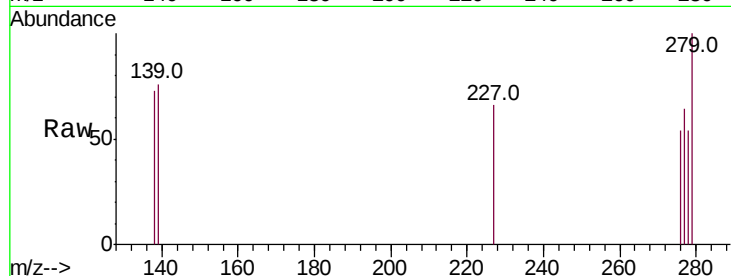


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/ul
RT: 25.70 min Scan# 6190
Delta R.T. -0.07 min
Lab File: BN006775.D
Acq: 10 Jul 2019 18:15

Instrument :
BNA_N
ClientSampleId :

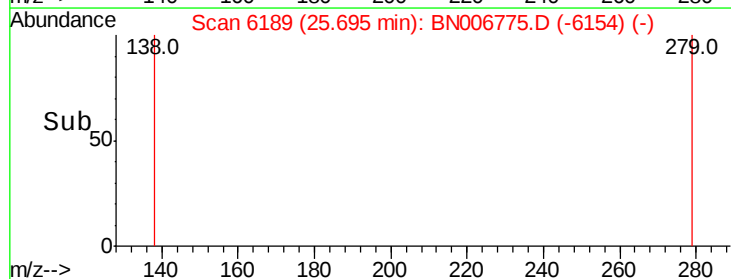
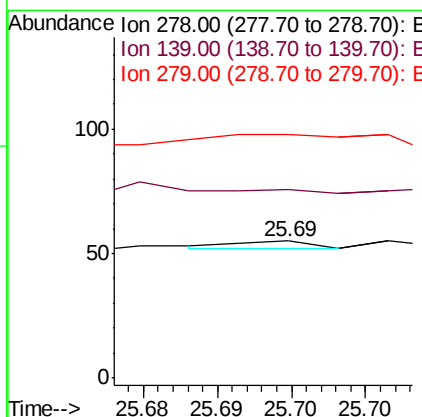
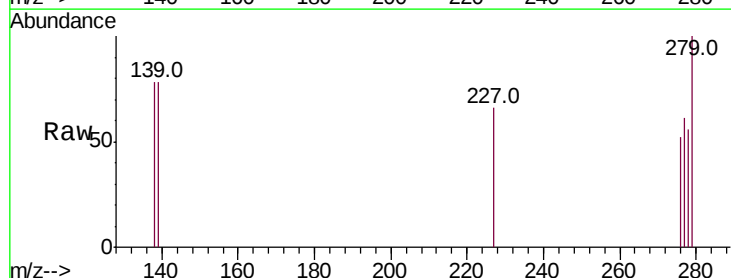
Tot Ion:276 Resp: 1
Ion Ratio Lower Upper
276 100
138 500.0 24.3 36.5#
227 100.0 0.2 0.4#

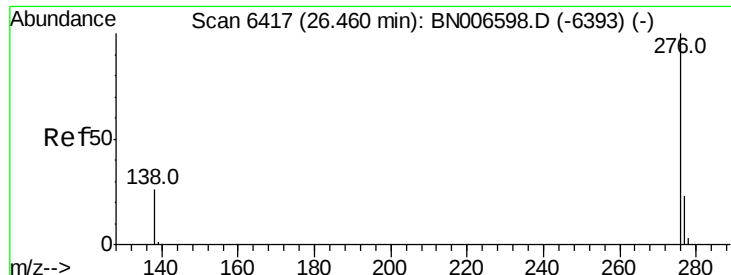


#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/ul
RT: 25.69 min Scan# 6189
Delta R.T. -0.08 min
Lab File: BN006775.D
Acq: 10 Jul 2019 18:15

Tgt Ion:278 Resp: 1
Ion Ratio Lower Upper
278 100
139 138.2 18.1 27.1#
279 178.2 19.8 29.6#





#26

Benzo(a,h,i)perylene

Concen: 0.000 ng/ul

RT: 26.40 min Scan# 6398

Delta R.T. -0.06 min

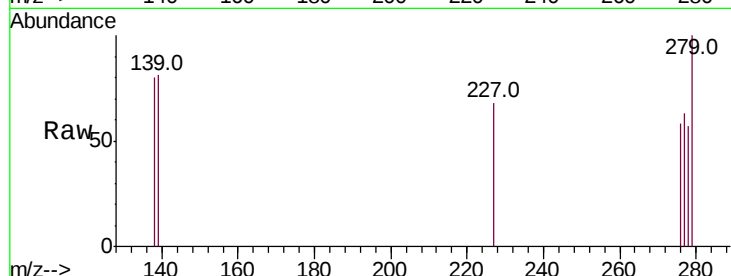
Lab File: BN006775.D

Acq: 10 Jul 2019 18:15

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 1

Ion Ratio Lower Upper

276 100

138 137.0 22.2 33.2#

277 109.3 19.5 29.3#

