

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006266.D
 Acq On : 12 Jun 2019 03:17
 Operator : JU/SJ
 Sample : K3215-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 12 06:52:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	6263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	32117	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	10690	0.40	ng/ul	-0.12
10) Phenanthrene-d10	16.93	188	3237	0.40	ng/ul	-0.13
16) Chrysene-d12	21.10	240	152	0.40	ng/ul	-0.16
20) Perylene-d12	23.35	264	1189196	0.40	ng/ul	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	14650	0.30	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	1371	0.16	ng/ul	-0.13

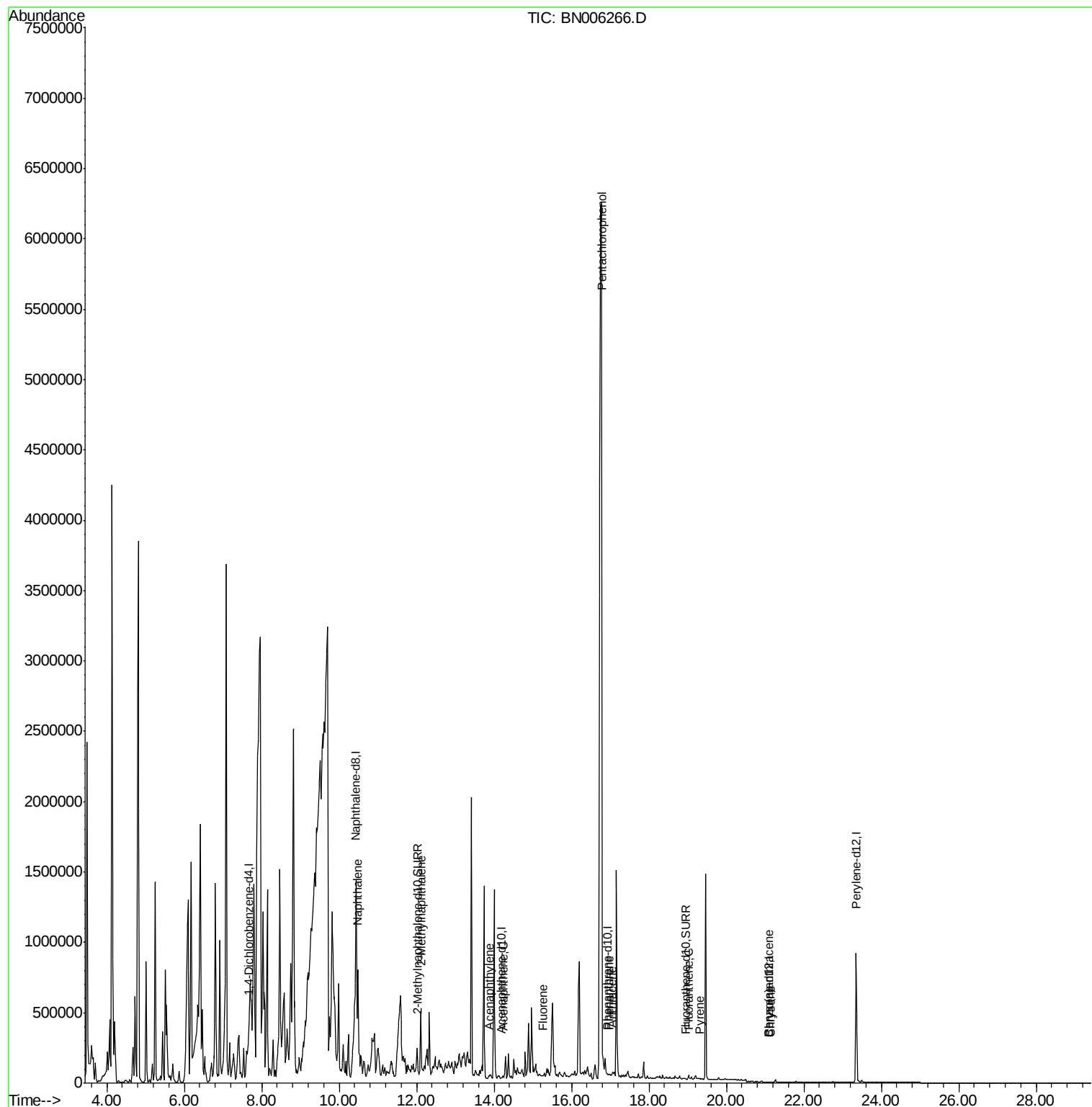
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.48	128	819701	9.249	ng/ul	99
5) 2-Methylnaphthalene	12.11	142	288126	4.665	ng/ul	88
7) Acenaphthylene	13.89	152	5261	0.089	ng/ul#	1
8) Acenaphthene	14.23	153	25404	0.616	ng/ul#	29
9) Fluorene	15.26	166	7505	0.156	ng/ul#	77
11) Pentachlorophenol	16.77	266	10088252	12265.006	ng/ul	99
12) Phenanthrene	16.97	178	9184	0.884	ng/ul#	1
13) Anthracene	17.05	178	3943	0.397	ng/ul#	1
15) Fluoranthene	19.02	202	11180	0.974	ng/ul#	1
17) Pyrene	19.31	202	1569	1.960	ng/ul#	1
18) Benzo(a)anthracene	21.09	228	188	0.280	ng/ul#	1
19) Chrysene	21.15	228	130	0.206	ng/ul#	1

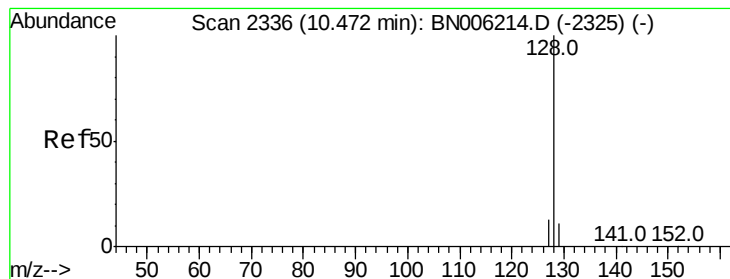
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 9.249 ng/ul

RT: 10.48 min Scan# 2338

Delta R.T. 0.01 min

Lab File: BN006266.D

Acq: 12 Jun 2019 03:17

Instrument :

BNA_N

ClientSampleId :

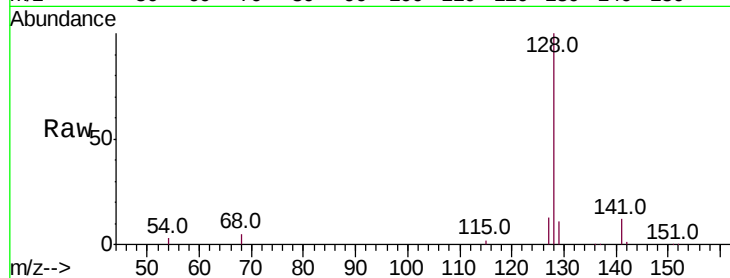
Tot Ion:128 Resp: 819701

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

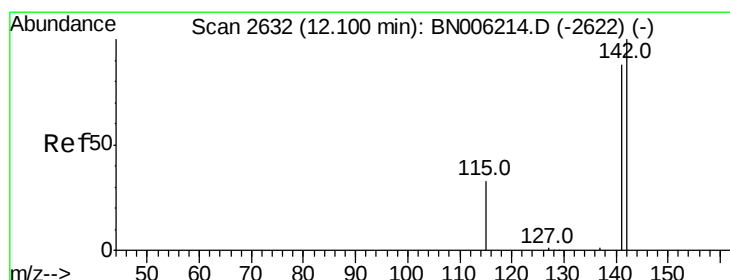
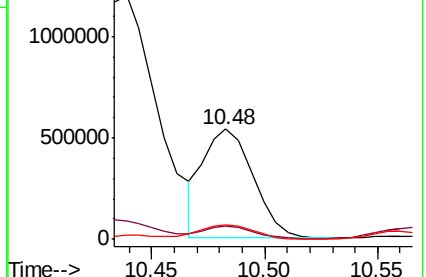
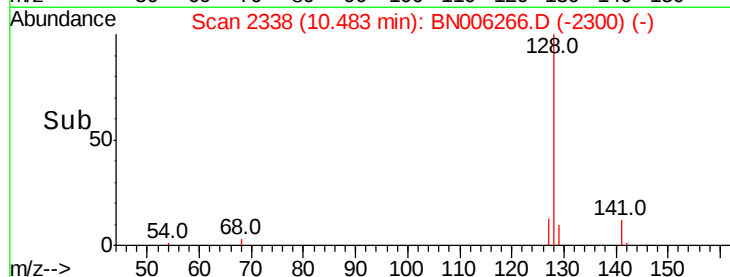
127 13.2 10.7 16.1



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: 4.665 ng/ul

RT: 12.11 min Scan# 2633

Delta R.T. 0.01 min

Lab File: BN006266.D

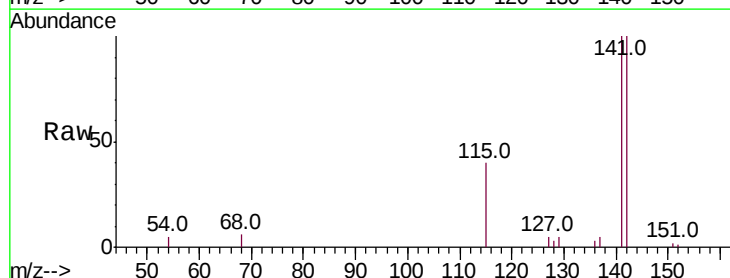
Acq: 12 Jun 2019 03:17

Tgt Ion:142 Resp: 288126

Ion Ratio Lower Upper

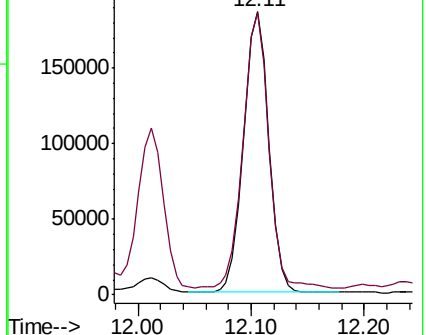
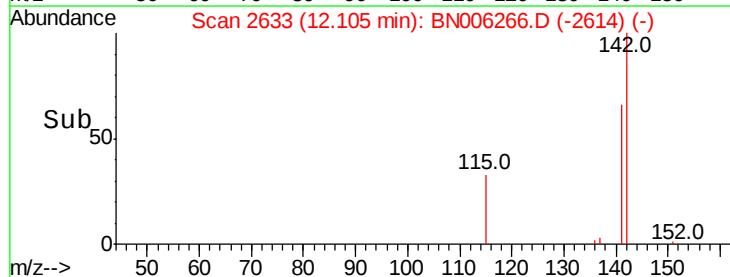
142 100

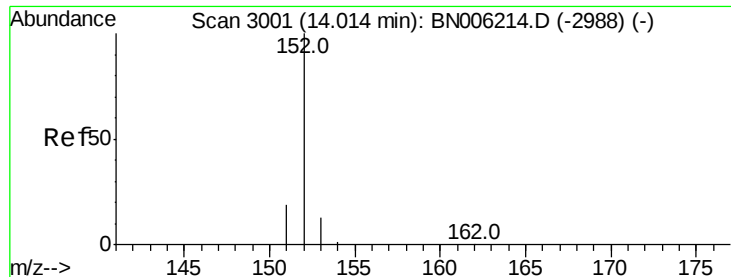
141 99.3 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.089 ng/ul

RT: 13.89 min Scan# 2974

Delta R.T. -0.12 min

Lab File: BN006266.D

Acq: 12 Jun 2019 03:17

Instrument :

BNA_N

ClientSampleId :

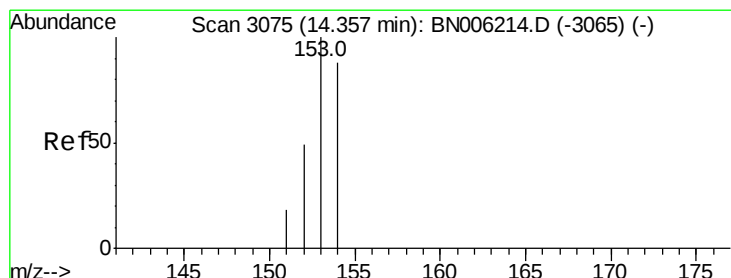
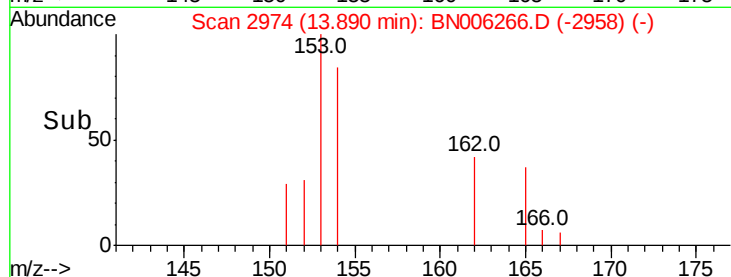
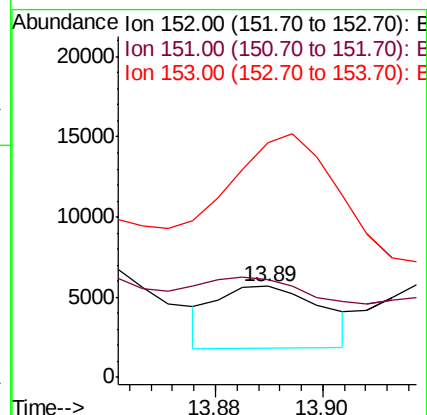
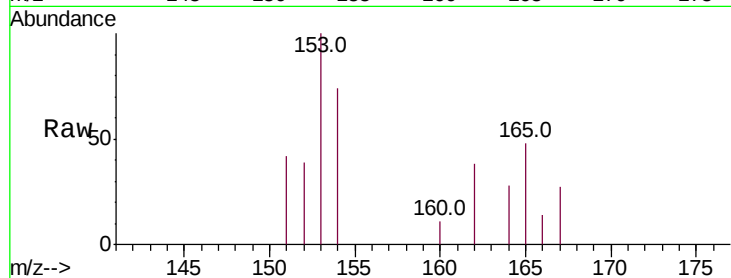
Tot Ion:152 Resp: 5261

Ion Ratio Lower Upper

152 100

151 107.8 15.8 23.8#

153 257.5 10.8 16.2#



#8

Acenaphthene

Concen: 0.616 ng/ul

RT: 14.23 min Scan# 3048

Delta R.T. -0.13 min

Lab File: BN006266.D

Acq: 12 Jun 2019 03:17

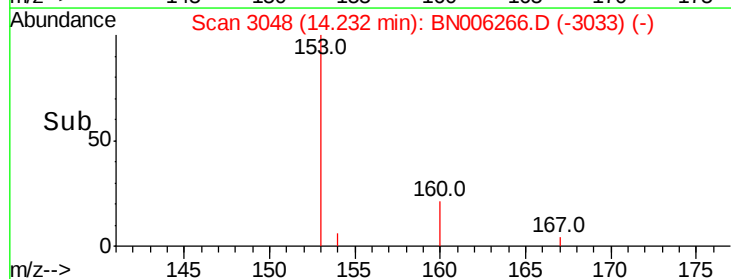
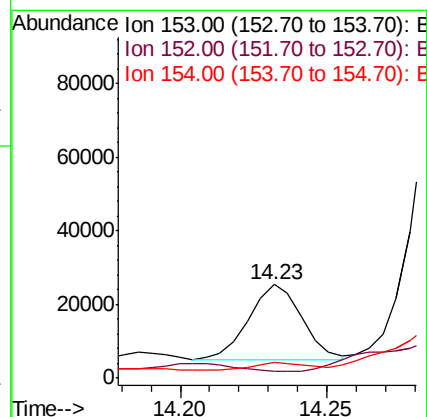
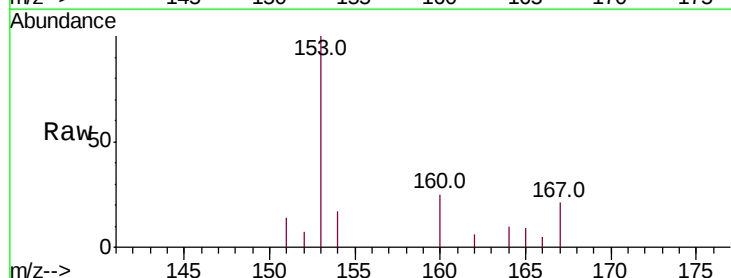
Tgt Ion:153 Resp: 25404

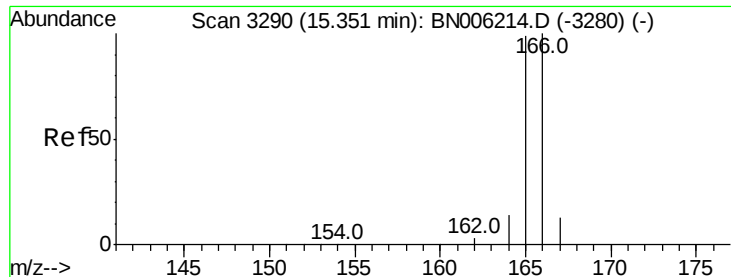
Ion Ratio Lower Upper

153 100

152 7.4 39.1 58.7#

154 16.5 71.1 106.7#





#9

Fluorene

Concen: 0.156 ng/ul

RT: 15.26 min Scan# 3270

Delta R.T. -0.09 min

Lab File: BN006266.D

Acq: 12 Jun 2019 03:17

Instrument :

BNA_N

ClientSampleId :

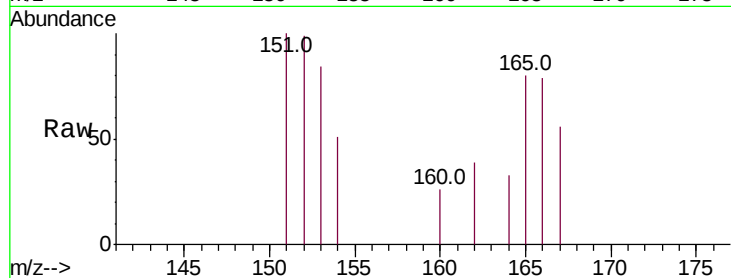
Tot Ion:166 Resp: 7505

Ion Ratio Lower Upper

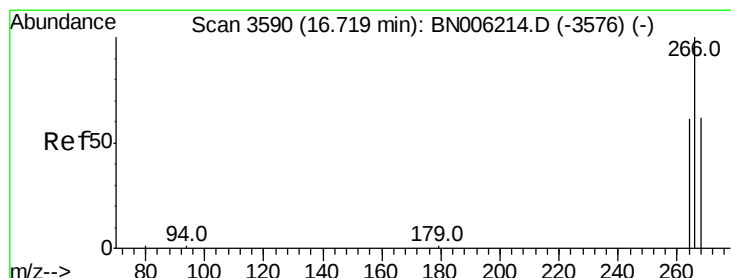
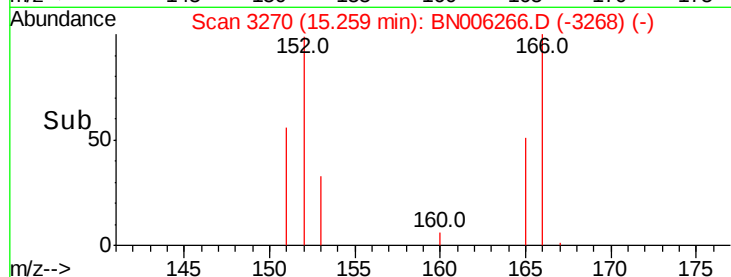
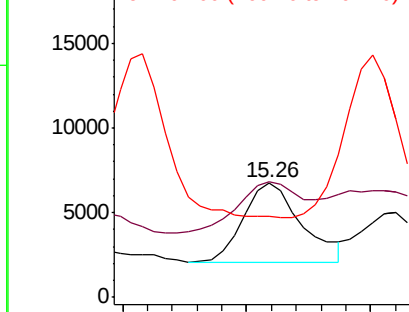
166 100

165 100.9 76.4 114.6

167 71.1 11.0 16.6#



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: 12265.006 ng/ul

RT: 16.77 min Scan# 3603

Delta R.T. 0.06 min

Lab File: BN006266.D

Acq: 12 Jun 2019 03:17

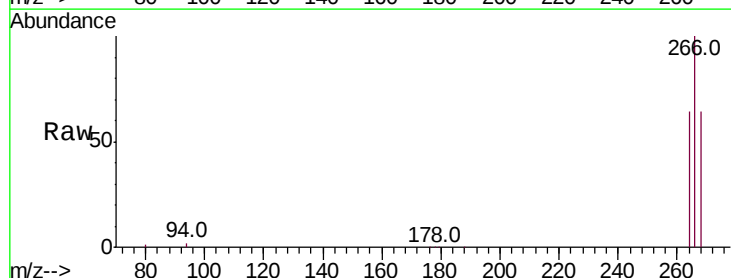
Tgt Ion:266 Resp:10088252

Ion Ratio Lower Upper

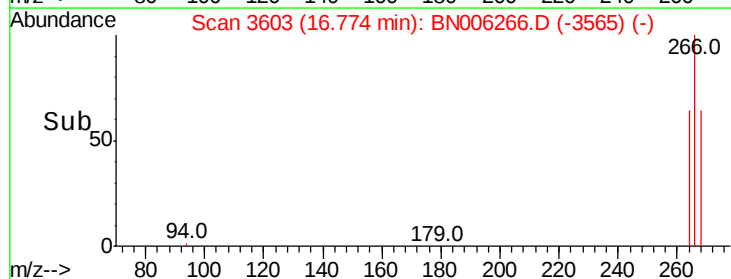
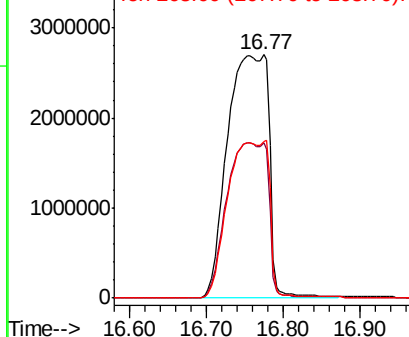
266 100

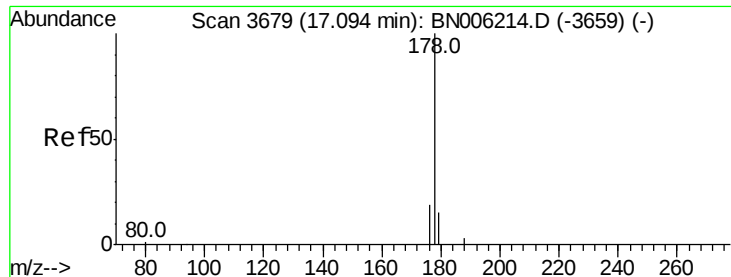
264 63.8 50.3 75.5

268 64.3 51.3 76.9



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: 0.884 ng/ul

RT: 16.97 min Scan# 3650

Delta R.T. -0.12 min

Lab File: BN006266.D

Acq: 12 Jun 2019 03:17

Instrument :

BNA_N

ClientSampled :

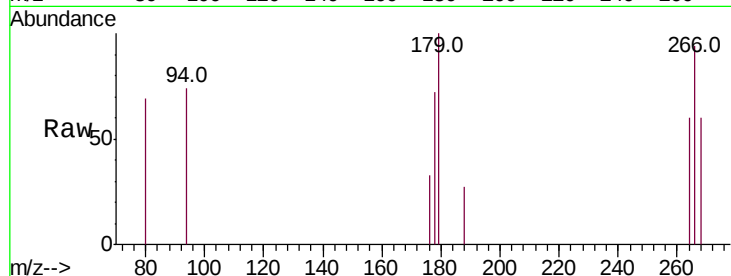
Tot Ion:178 Resp: 9184

Ion Ratio Lower Upper

178 100

179 138.4 12.3 18.5#

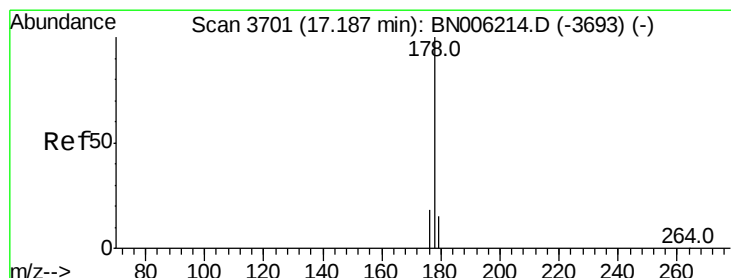
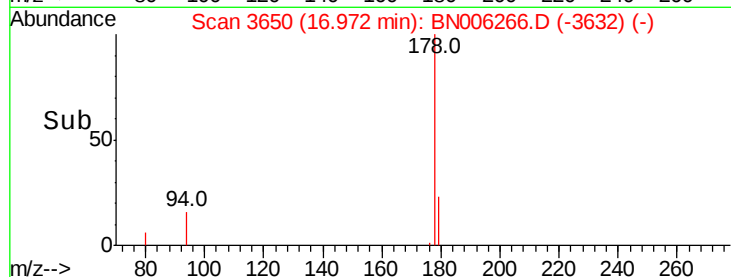
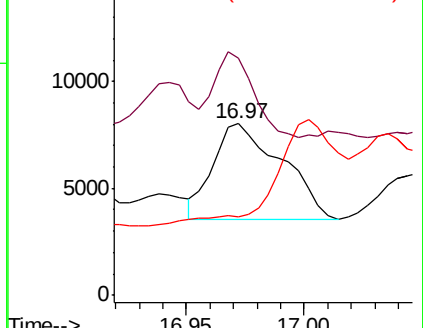
176 45.9 15.3 22.9#



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: 0.397 ng/ul

RT: 17.05 min Scan# 3668

Delta R.T. -0.14 min

Lab File: BN006266.D

Acq: 12 Jun 2019 03:17

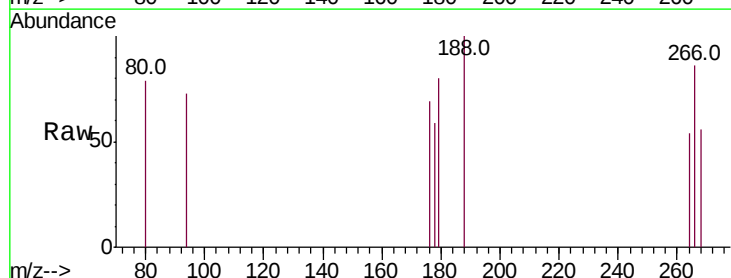
Tgt Ion:178 Resp: 3943

Ion Ratio Lower Upper

178 100

179 136.3 12.2 18.4#

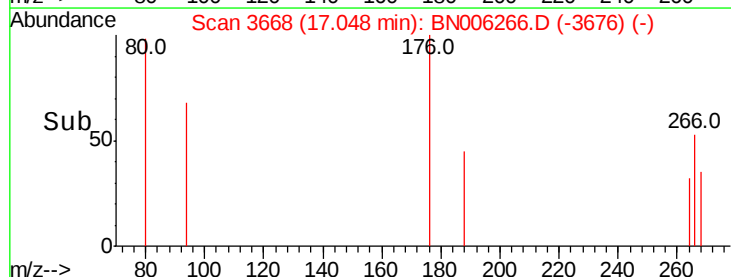
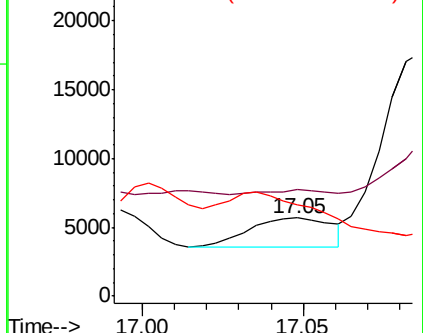
176 117.8 15.1 22.7#

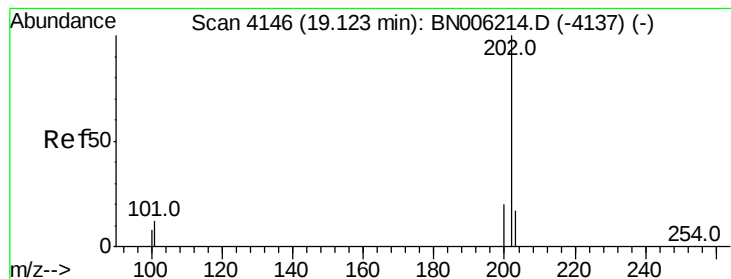


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.974 ng/ul

RT: 19.02 min Scan# 4124

Delta R.T. -0.10 min

Lab File: BN006266.D

Acq: 12 Jun 2019 03:17

Instrument :

BNA_N

ClientSampleId :

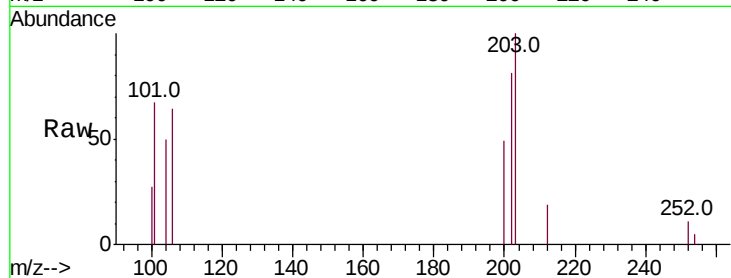
Tot Ion:202 Resp: 11180

Ion Ratio Lower Upper

202 100

101 82.8 0.0 32.1#

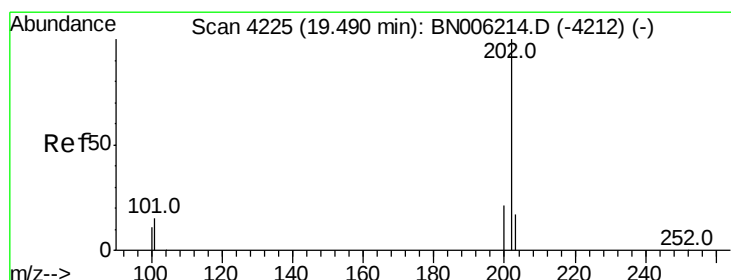
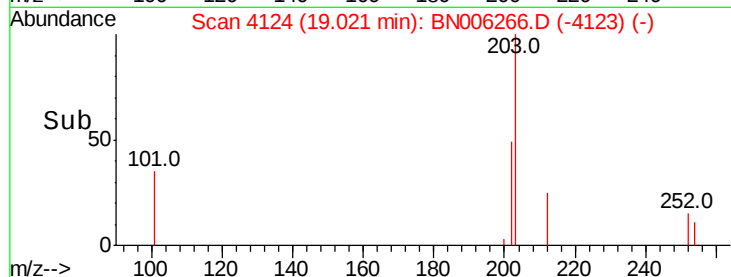
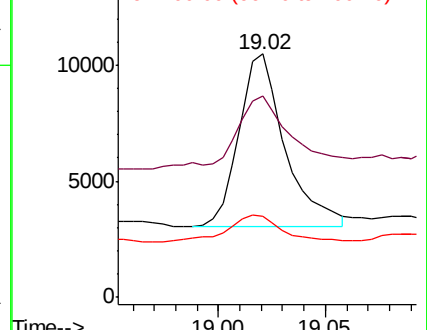
100 33.3 0.0 28.7#



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



#17

Pyrene

Concen: 1.960 ng/ul

RT: 19.31 min Scan# 4186

Delta R.T. -0.18 min

Lab File: BN006266.D

Acq: 12 Jun 2019 03:17

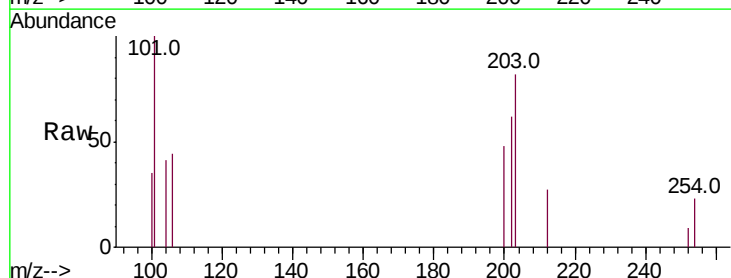
Tgt Ion:202 Resp: 1569

Ion Ratio Lower Upper

202 100

101 161.4 12.2 18.2#

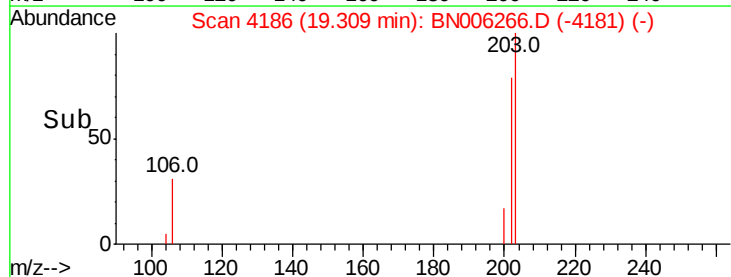
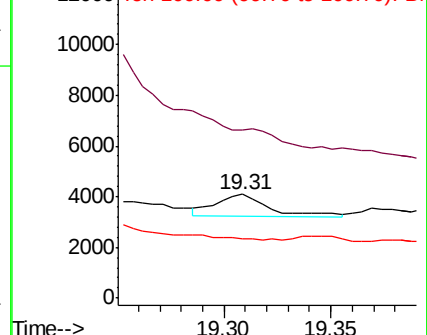
100 57.3 9.8 14.6#

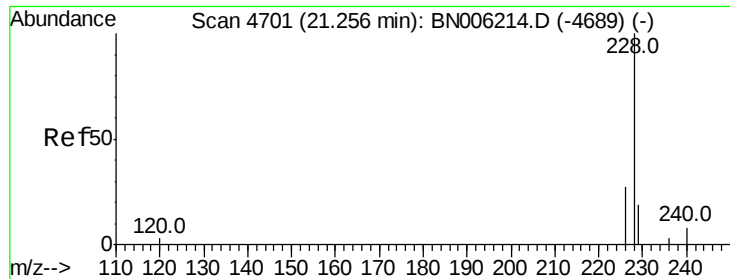


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.280 ng/ul

RT: 21.09 min Scan# 4645

Delta R.T. -0.15 min

Lab File: BN006266.D

Acq: 12 Jun 2019 03:17

Instrument :

BNA_N

ClientSampleId :

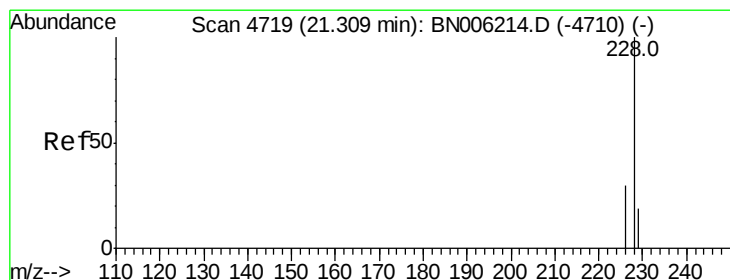
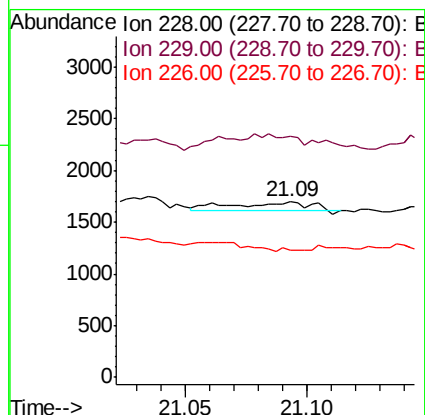
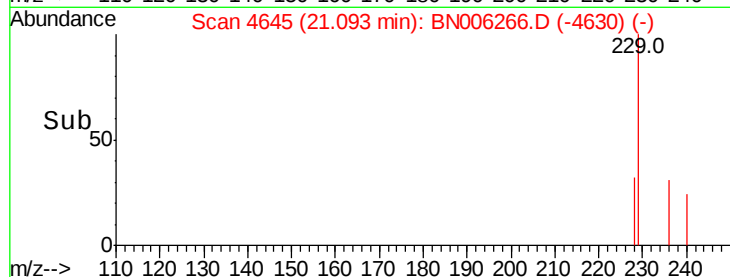
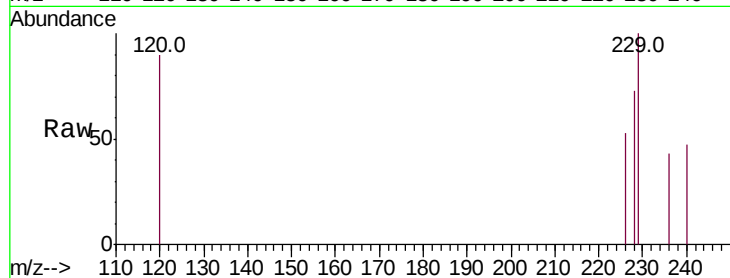
Tot Ion:228 Resp: 188

Ion Ratio Lower Upper

228 100

229 137.7 16.5 24.7#

226 72.7 22.8 34.2#



#19

Chrysene

Concen: 0.206 ng/ul

RT: 21.15 min Scan# 4666

Delta R.T. -0.15 min

Lab File: BN006266.D

Acq: 12 Jun 2019 03:17

Tgt Ion:228 Resp: 130

Ion Ratio Lower Upper

228 100

226 73.2 25.0 37.6#

229 134.2 16.3 24.5#

