

Data File : BN003391.D
Acq On : 01 Nov 2018 22:31
Operator : MJ/SJ
Sample : J5704-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Quant Time: Nov 02 04:53:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 04:49:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	13958	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	46858	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	262296	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.29	188	2216590	0.40	ng/ul	0.06
16) Chrysene-d12	21.51	240	9	0.40	ng/ul	0.09
20) Perylene-d12	23.77	264	38085	0.40	ng/ul	0.03

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	16256	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	26616	0.00	ng/ul	0.03

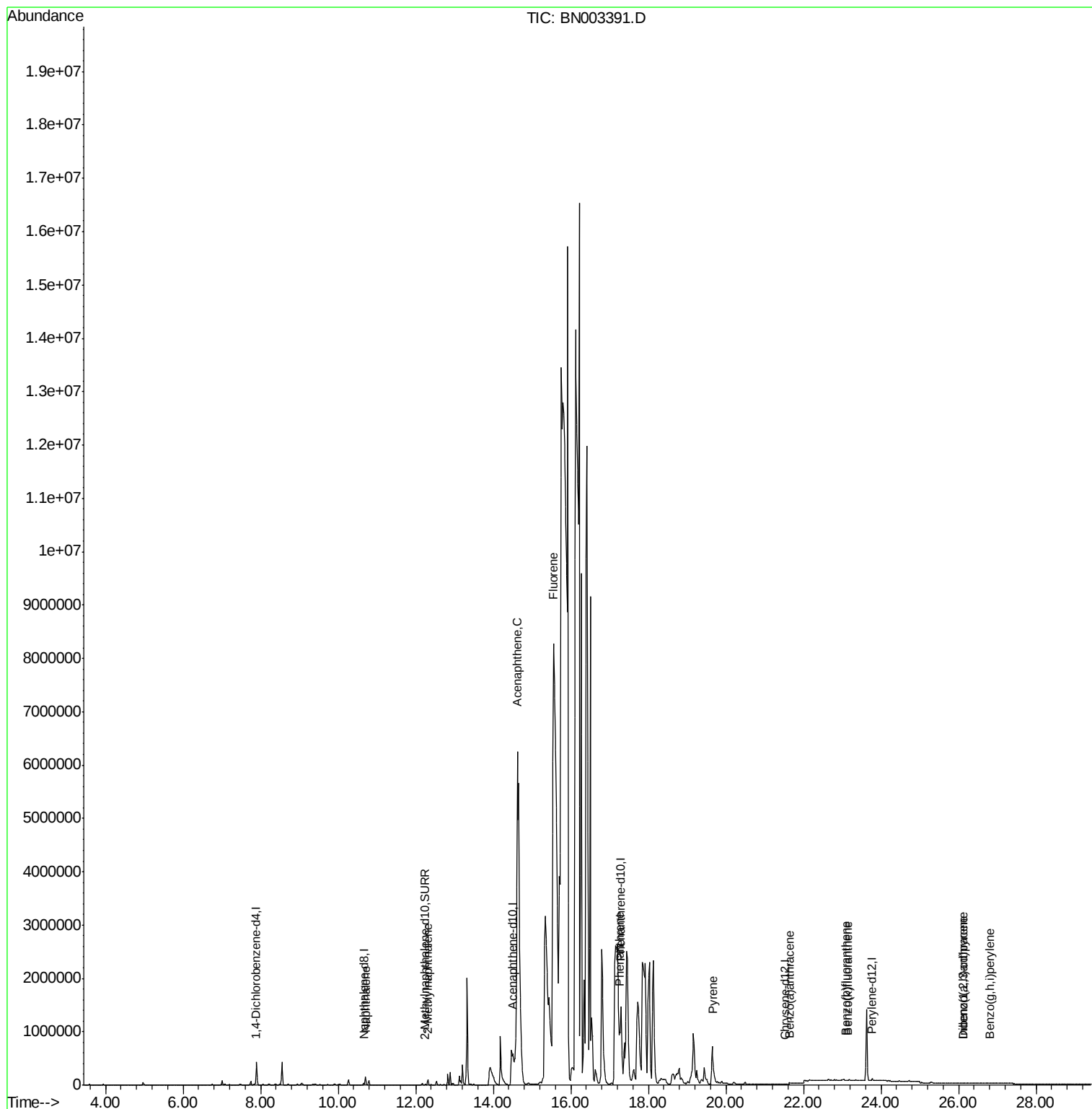
Target Compounds				Qvalue		
3) Naphthalene	10.70	128	200073	1.522	ng/ul	100
5) 2-Methylnaphthalene	12.31	142	78298	0.828	ng/ul	100
8) Acenaphthene	14.62	153	6772677	6.651	ng/ul#	1
9) Fluorene	15.56	166	11847831	9.881	ng/ul#	44
12) Phenanthrene	17.26	178	296342	0.041	ng/ul#	1
17) Pyrene	19.67	202	10193	311.354	ng/ul#	1
18) Benzo(a)anthracene	21.64	228	5905	209.270	ng/ul#	1
21) Benzo(b)fluoranthene	23.08	252	5466	0.033	ng/ul#	1
22) Benzo(k)fluoranthene	23.13	252	3500	0.022	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.11	276	3886	0.026	ng/ul#	10
25) Dibenzo(a,h)anthracene	26.12	278	3660	0.031	ng/ul#	1
26) Benzo(g,h,i)perylene	26.82	276	4041	0.032	ng/ul#	1

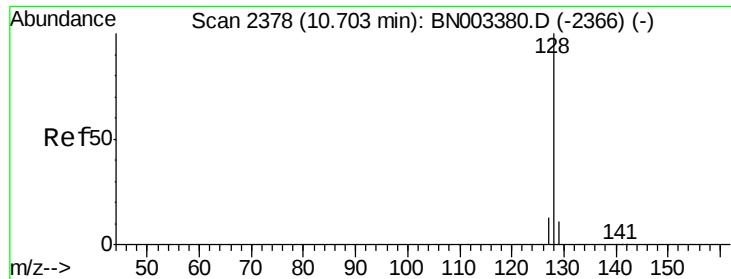
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.522 ng/ul

RT: 10.70 min Scan# 2378

Delta R.T. 0.00 min

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Instrument :

BNA_N

ClientSampleId :

A40E4

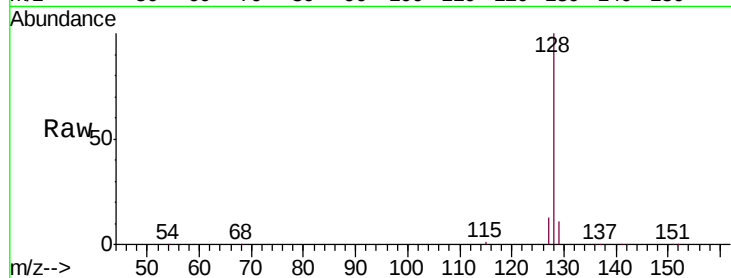
Tgt Ion:128 Resp: 200073

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

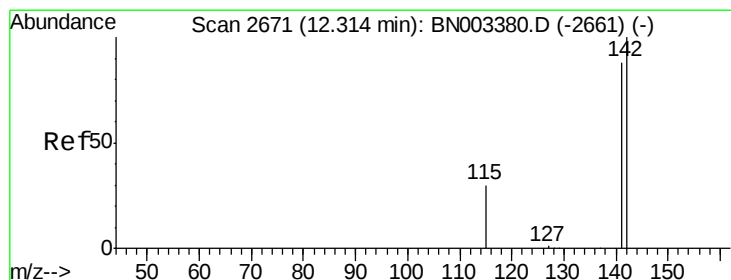
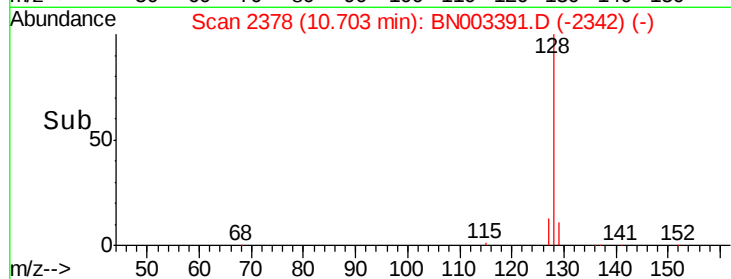
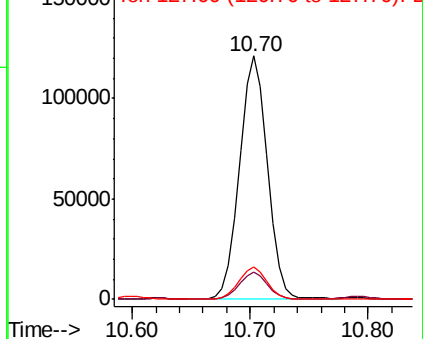
127 13.1 10.5 15.7



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: 0.828 ng/ul

RT: 12.31 min Scan# 2671

Delta R.T. 0.00 min

Lab File: BN003391.D

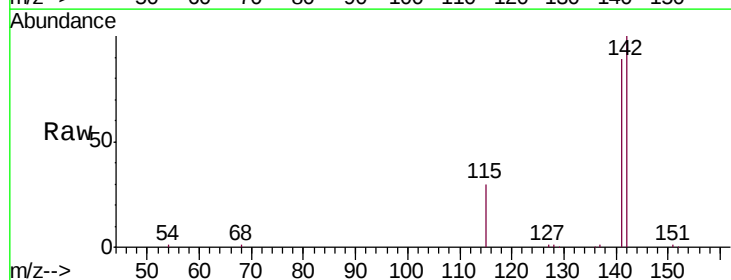
Acq: 01 Nov 2018 22:31

Tgt Ion:142 Resp: 78298

Ion Ratio Lower Upper

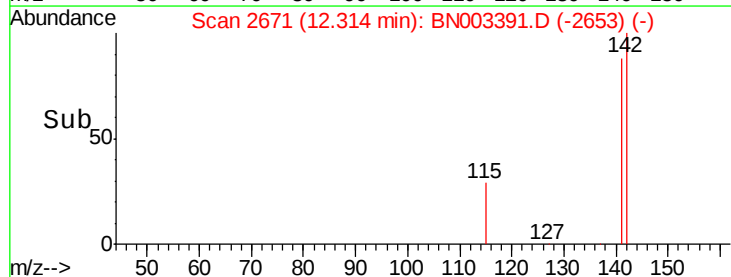
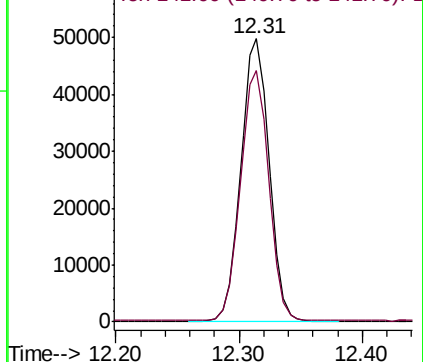
142 100

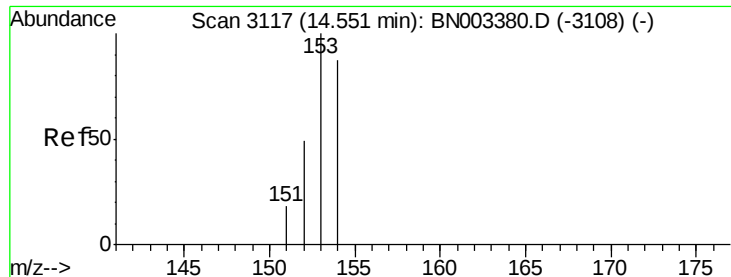
141 88.8 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 6.651 ng/ul

RT: 14.62 min Scan# 3132

Delta R.T. 0.07 min

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Instrument :

BNA_N

ClientSampleId :

A40E4

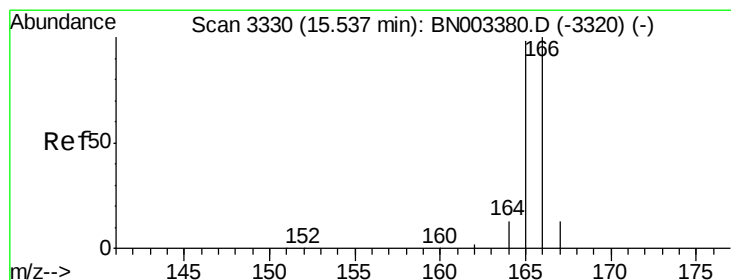
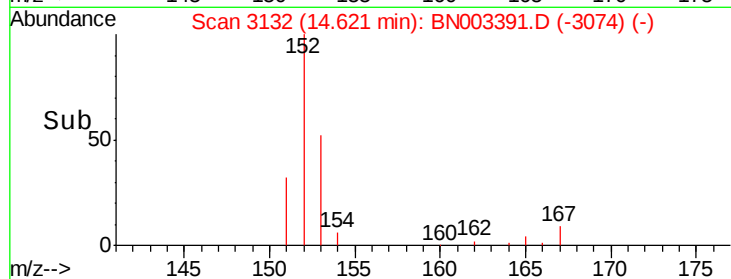
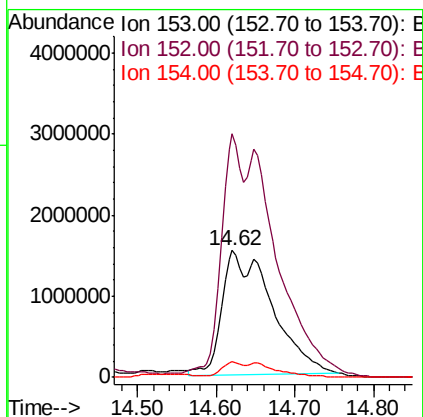
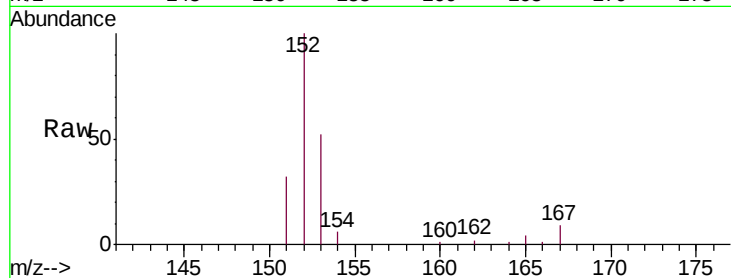
Tgt Ion:153 Resp: 6772677

Ion Ratio Lower Upper

153 100

152 191.7 39.5 59.3#

154 12.3 70.3 105.5#



#9

Fluorene

Concen: 9.881 ng/ul

RT: 15.56 min Scan# 3334

Delta R.T. 0.02 min

Lab File: BN003391.D

Acq: 01 Nov 2018 22:31

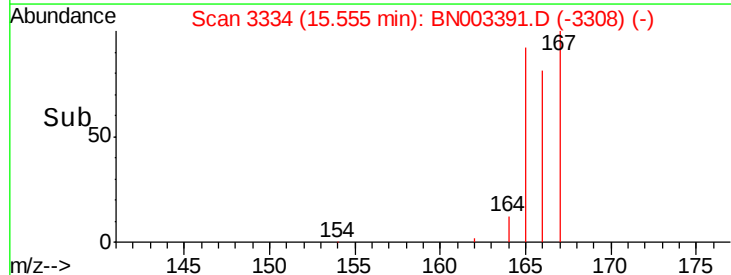
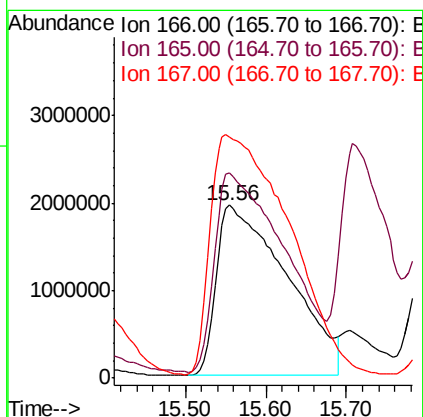
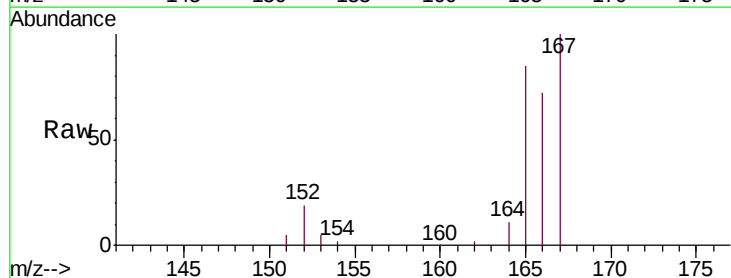
Tgt Ion:166 Resp:11847831

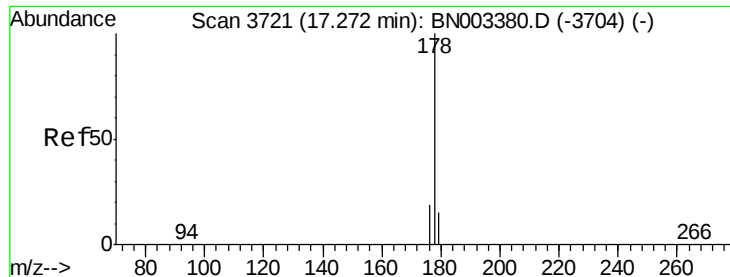
Ion Ratio Lower Upper

166 100

165 118.6 78.3 117.5#

167 139.4 10.8 16.2#





#12

Phenanthrene

Concen: 0.041 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BN003391.D

Acq: 01 Nov 2018 22:31

Instrument :

BNA_N

ClientSampleId :

A40E4

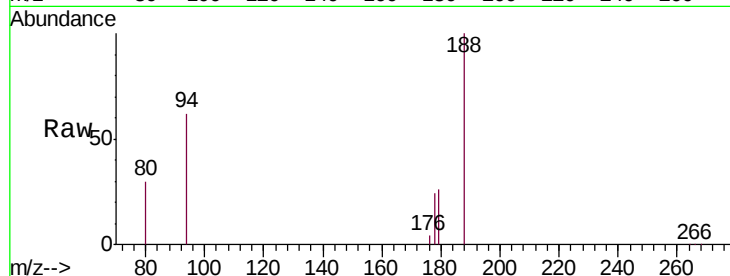
Tgt Ion:178 Resp: 296342

Ion Ratio Lower Upper

178 100

179 110.7 12.4 18.6#

176 15.8 15.0 22.4

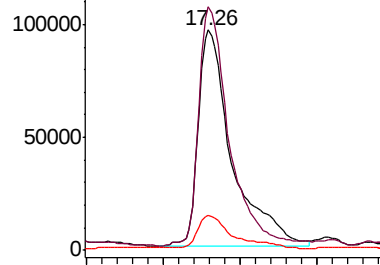


Abundance

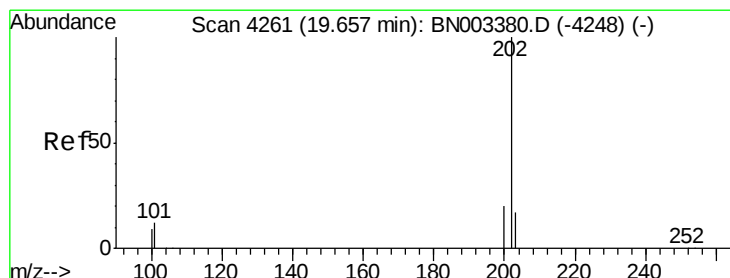
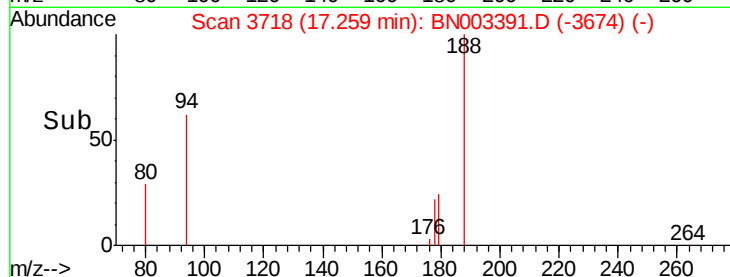
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.10 17.20 17.30 17.40



#17

Pyrene

Concen: 311.354 ng/ul

RT: 19.67 min Scan# 4264

Delta R.T. 0.01 min

Lab File: BN003391.D

Acq: 01 Nov 2018 22:31

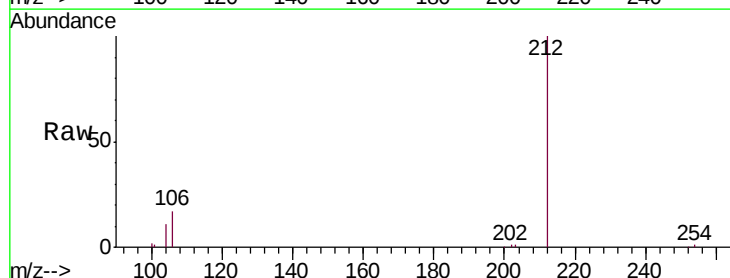
Tgt Ion:202 Resp: 10193

Ion Ratio Lower Upper

202 100

101 52.2 9.5 14.3#

100 144.7 7.5 11.3#

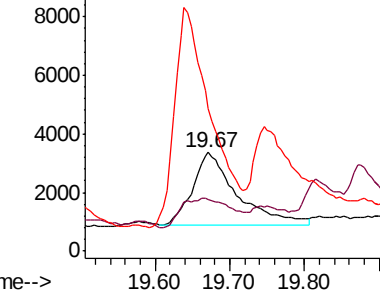


Abundance

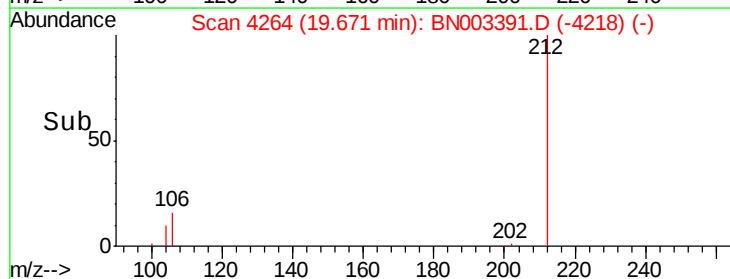
Ion 202.00 (201.70 to 202.70): E

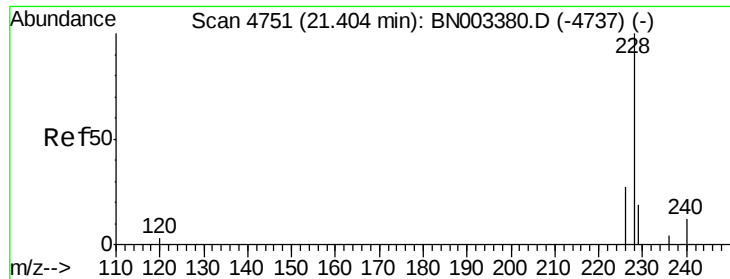
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time--> 19.60 19.70 19.80





#18

Benzo(a)anthracene

Concen: 209.270 ng/ul

RT: 21.64 min Scan# 4831

Delta R.T. 0.23 min

Lab File: BN003391.D

Acq: 01 Nov 2018 22:31

Instrument :

BNA_N

ClientSampleId :

A40E4

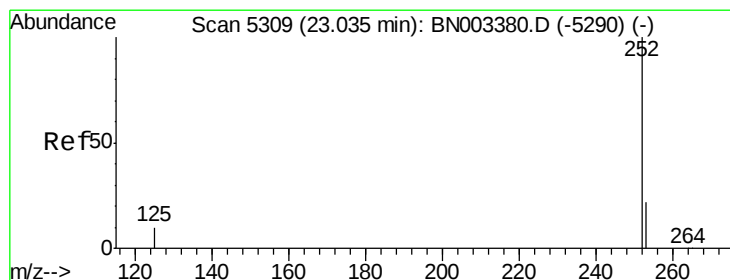
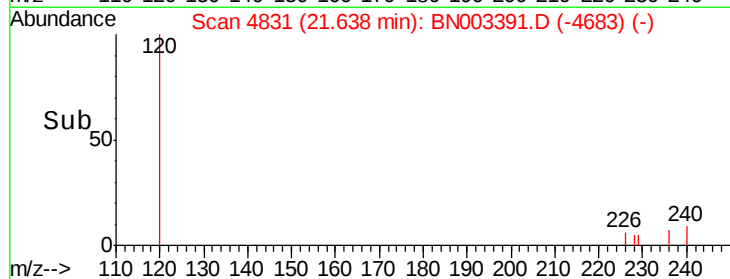
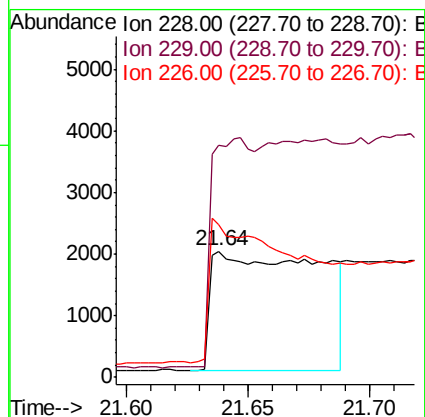
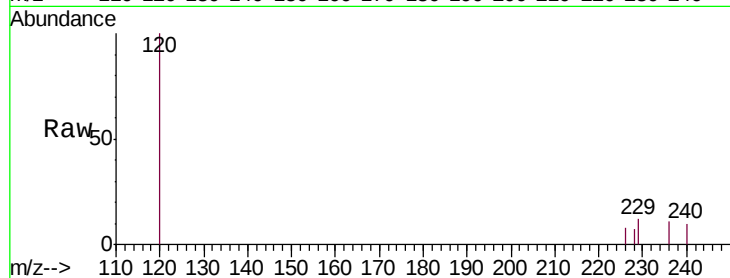
Tgt Ion:228 Resp: 5905

Ion Ratio Lower Upper

228 100

229 184.4 15.5 23.3#

226 121.4 21.5 32.3#



#21

Benzo(b)fluoranthene

Concen: 0.033 ng/ul

RT: 23.08 min Scan# 5325

Delta R.T. 0.05 min

Lab File: BN003391.D

Acq: 01 Nov 2018 22:31

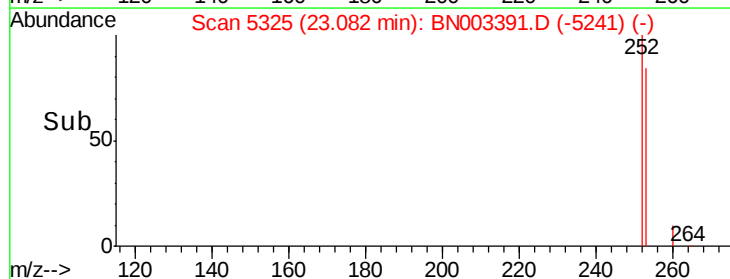
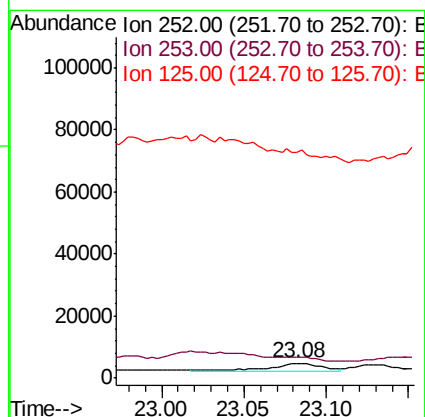
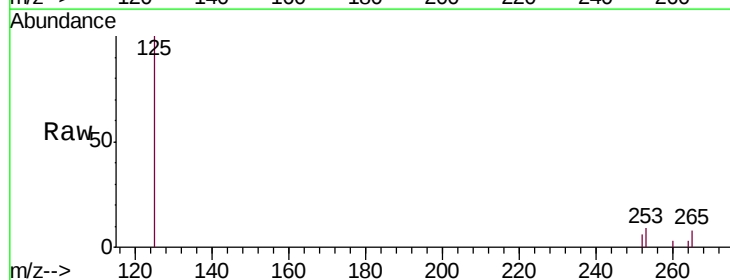
Tgt Ion:252 Resp: 5466

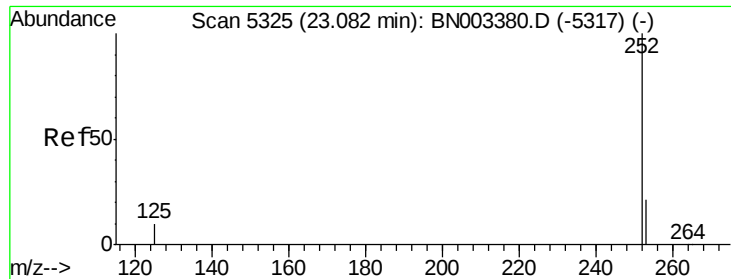
Ion Ratio Lower Upper

252 100

253 146.9 0.0 45.6#

125 1561.1 0.0 21.8#





#22

Benzo(k)fluoranthene

Concen: 0.022 ng/u1

RT: 23.13 min Scan# 5341

Delta R.T. 0.05 min

Lab File: BN003391.D

Acq: 01 Nov 2018 22:31

Instrument :

BNA_N

ClientSampled :

A40E4

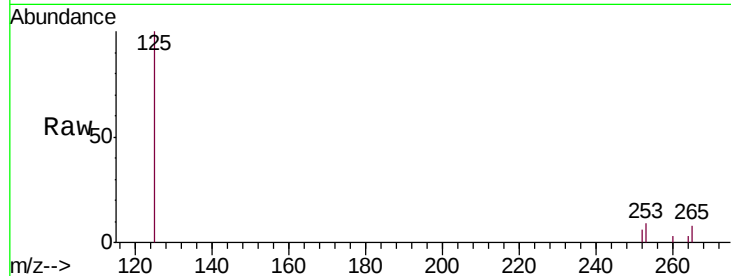
Tgt Ion:252 Resp: 3500

Ion Ratio Lower Upper

252 100

253 137.9 18.2 27.4#

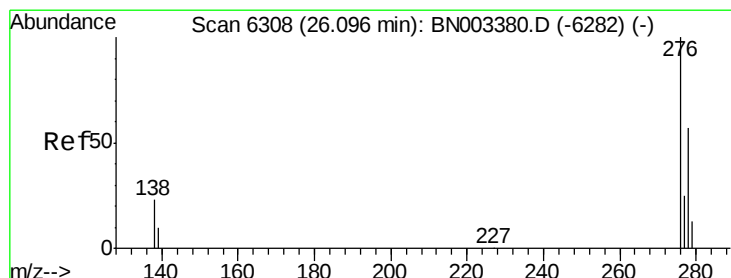
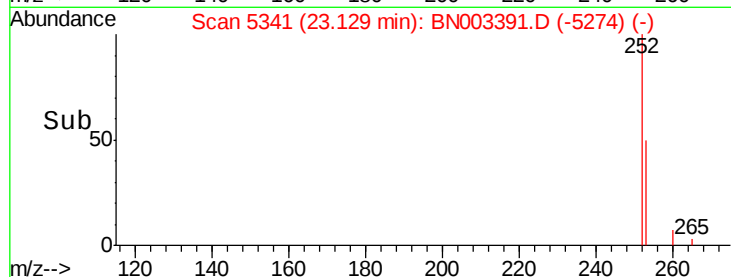
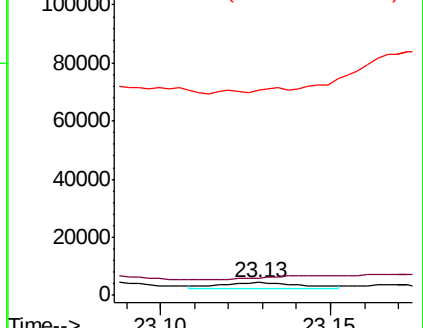
125 1605.8 8.6 13.0#



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: 0.026 ng/u1

RT: 26.11 min Scan# 6311

Delta R.T. 0.01 min

Lab File: BN003391.D

Acq: 01 Nov 2018 22:31

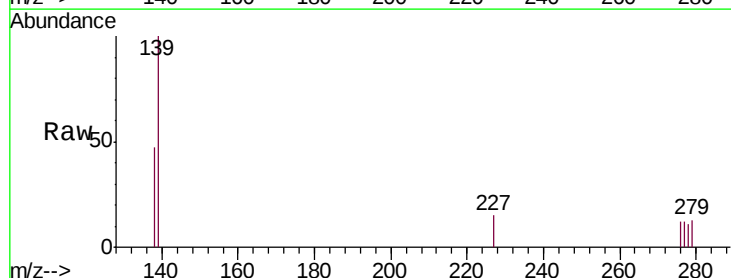
Tgt Ion:276 Resp: 3886

Ion Ratio Lower Upper

276 100

138 69.9 19.8 29.8#

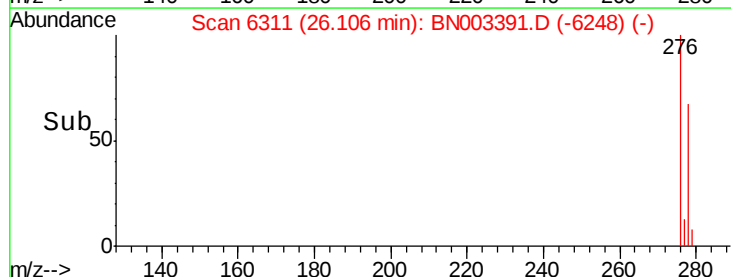
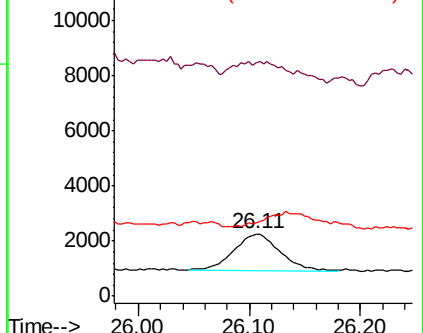
227 0.0 0.2 0.2#

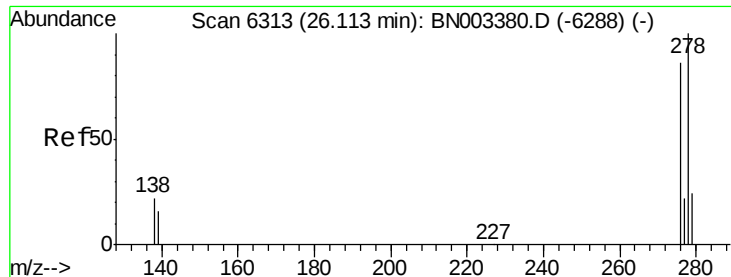


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

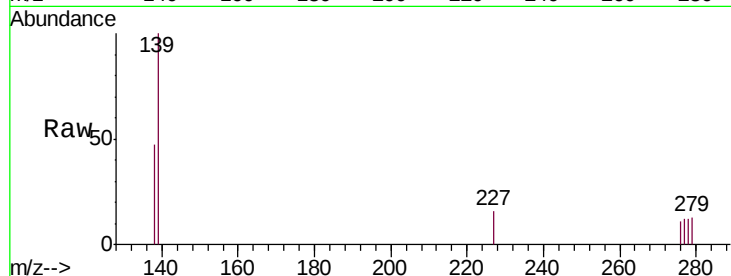




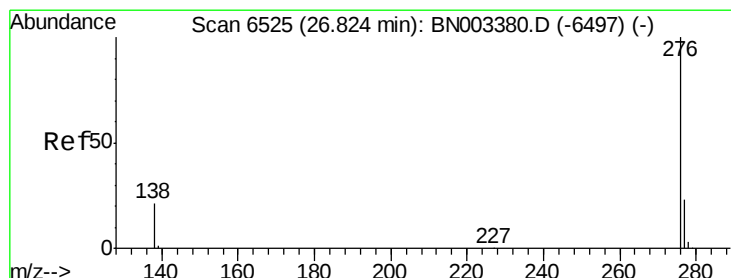
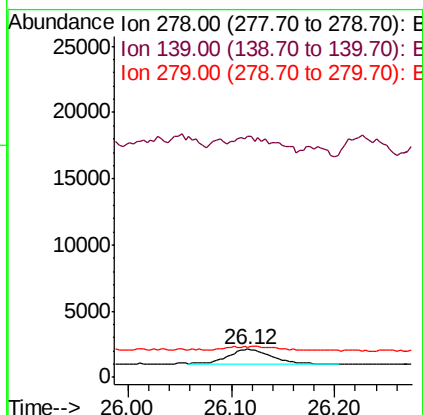
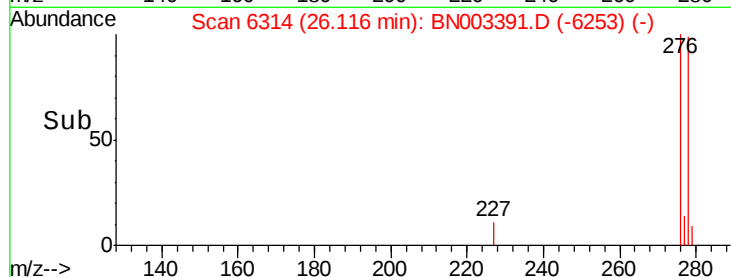
#25
Dibenzo(a,h)anthracene
Concen: 0.031 ng/u1
RT: 26.12 min Scan# 6314
Delta R.T. 0.00 min
Lab File: BN003391.D
Acq: 01 Nov 2018 22:31

Instrument :
BNA_N
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A40E4

Tgt Ion: 278 Resp: 3660
Ion Ratio Lower Upper
278 100
139 857.4 13.1 19.7#
279 108.6 19.5 29.3#

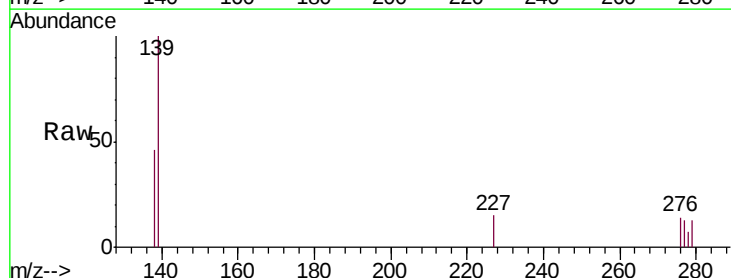


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.032 ng/u1
RT: 26.82 min Scan# 6525
Delta R.T. 0.00 min
Lab File: BN003391.D
Acq: 01 Nov 2018 22:31

Tgt Ion: 276 Resp: 4041
Ion Ratio Lower Upper
276 100
138 339.7 17.0 25.6#
277 96.1 19.2 28.8#



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

