

Data File : BN003385.D
Acq On : 01 Nov 2018 18:59
Operator : MJ/SJ
Sample : J5657-17MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40F1MS

Quant Time: Nov 02 04:52:03 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	11362	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	46979	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	26533	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	65477	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	63723	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	54488	0.40	ng/ul	-0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	16142	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	48633	0.26	ng/ul	0.00

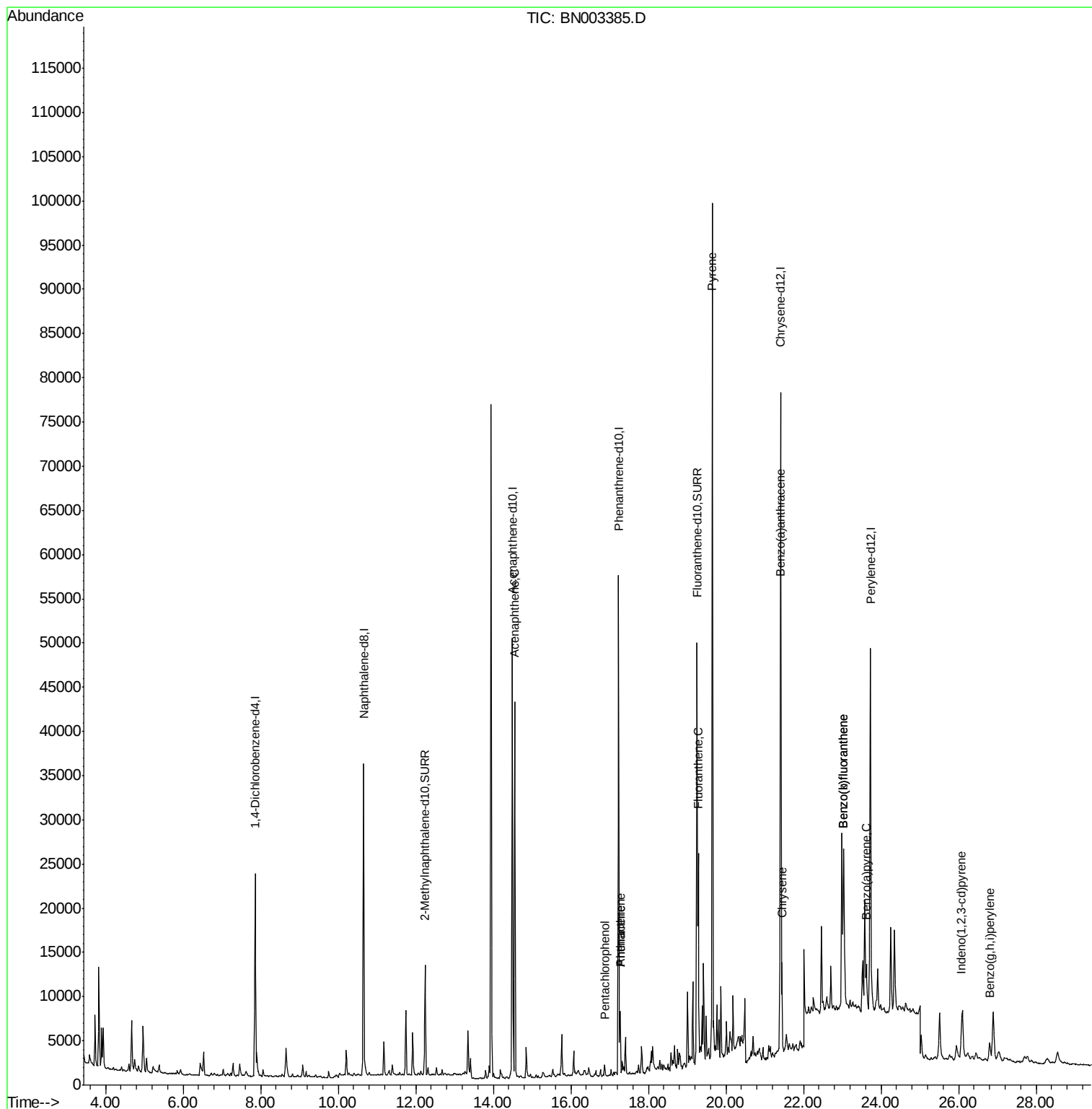
Target Compounds				Qvalue		
8) Acenaphthene	14.55	153	23874	0.232	ng/ul	99
11) Pentachlorophenol	16.87	266	874	0.067	ng/ul	98
12) Phenanthrene	17.27	178	6654	0.031	ng/ul	94
13) Anthracene	17.27	178	4335	0.025	ng/ul	93
15) Fluoranthene	19.29	202	18256	0.076	ng/ul	81
17) Pyrene	19.65	202	79874	0.345	ng/ul	99
18) Benzo(a)anthracene	21.39	228	6829	0.034	ng/ul#	79
19) Chrysene	21.45	228	11644	0.051	ng/ul#	85
21) Benzo(b)fluoranthene	23.02	252	18774	0.080	ng/ul#	6
22) Benzo(k)fluoranthene	23.02	252	18774	0.083	ng/ul#	6
23) Benzo(a)pyrene	23.62	252	7967	0.041	ng/ul#	30
24) Indeno(1,2,3-cd)pyrene	26.08	276	4946	0.024	ng/ul#	51
26) Benzo(g,h,i)perylene	26.80	276	4639	0.026	ng/ul#	62

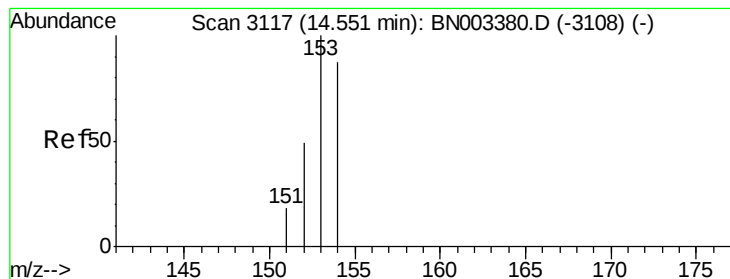
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.232 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. -0.00 min

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BNA_N

ClientSampleId :

A40F1MS

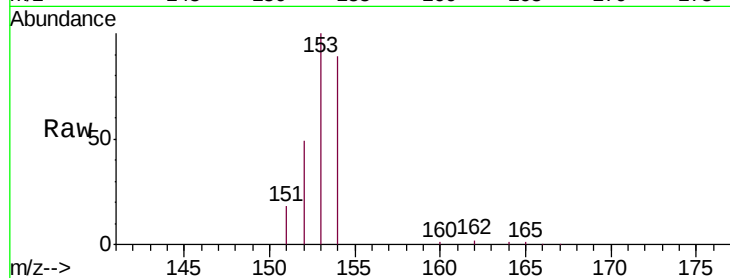
Tgt Ion:153 Resp: 23874

Ion Ratio Lower Upper

153 100

152 48.7 39.5 59.3

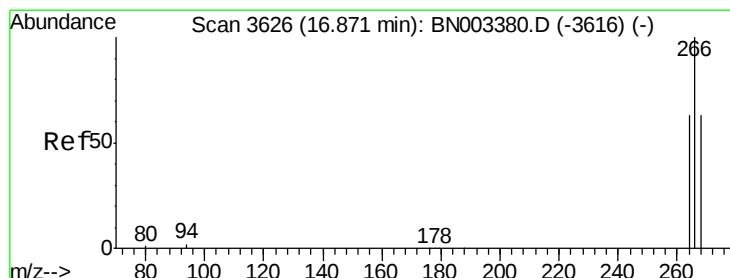
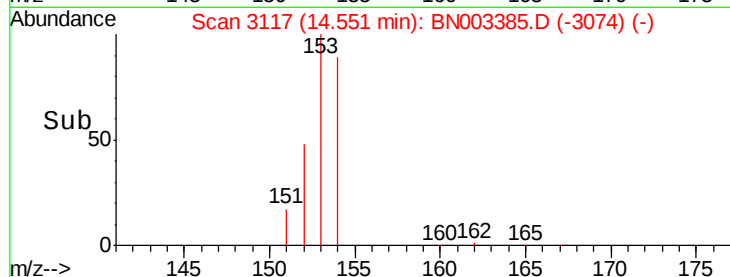
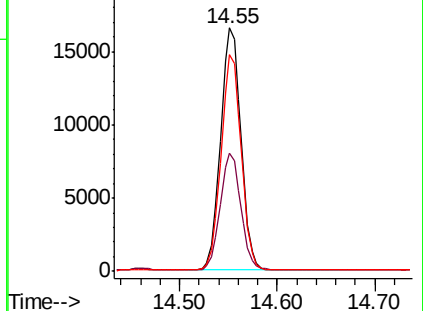
154 89.3 70.3 105.5



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



#11

Pentachlorophenol

Concen: 0.067 ng/ul

RT: 16.87 min Scan# 3626

Delta R.T. -0.00 min

Lab File: BN003385.D

Acq: 01 Nov 2018 18:59

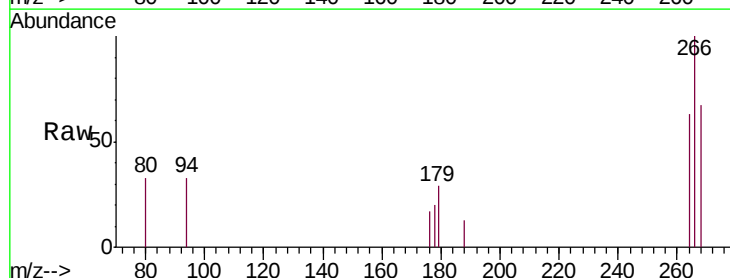
Tgt Ion:266 Resp: 874

Ion Ratio Lower Upper

266 100

264 62.4 50.2 75.4

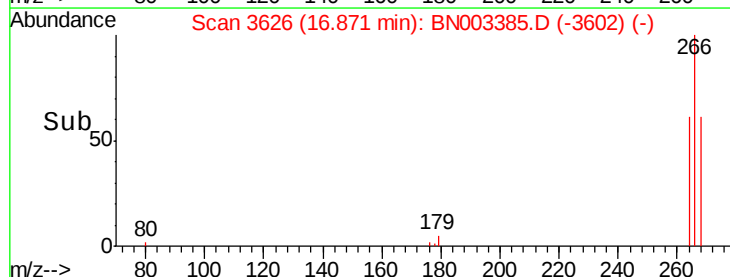
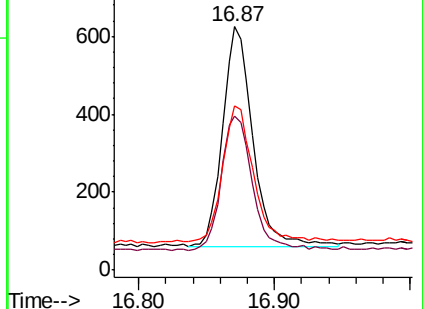
268 65.6 50.7 76.1

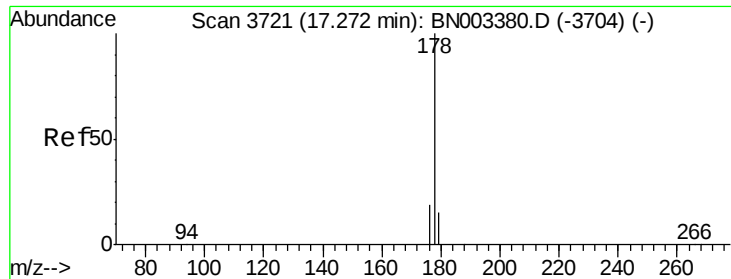


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.031 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. -0.00 min

Lab File: BN003385.D

Acq: 01 Nov 2018 18:59

Instrument :

BNA_N

ClientSampleId :

A40F1MS

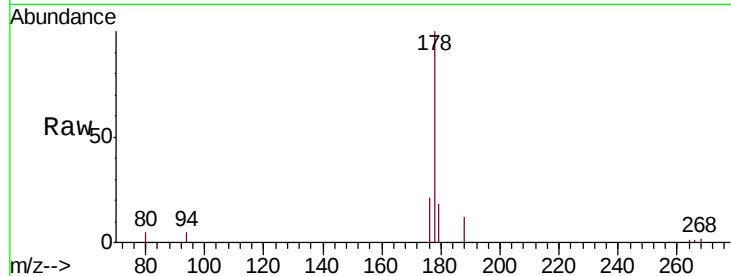
Tgt Ion:178 Resp: 6654

Ion Ratio Lower Upper

178 100

179 18.0 12.4 18.6

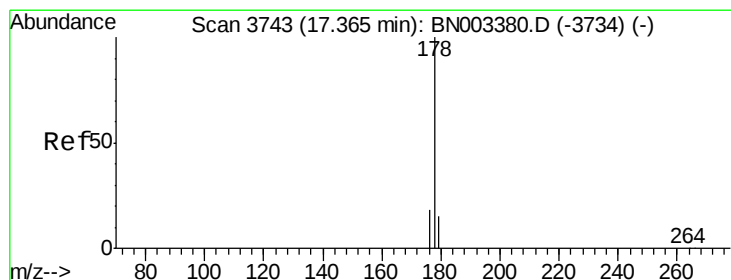
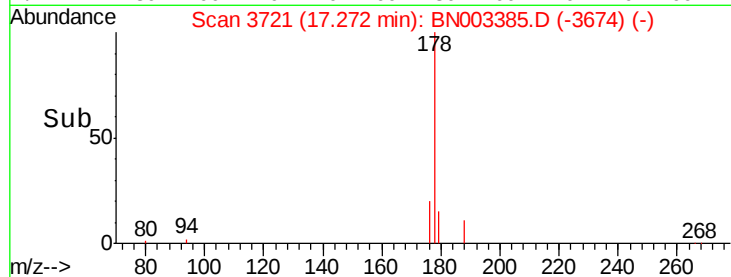
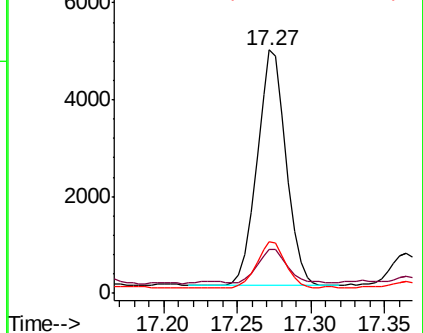
176 21.4 15.0 22.4



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



#13

Anthracene

Concen: 0.025 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. -0.09 min

Lab File: BN003385.D

Acq: 01 Nov 2018 18:59

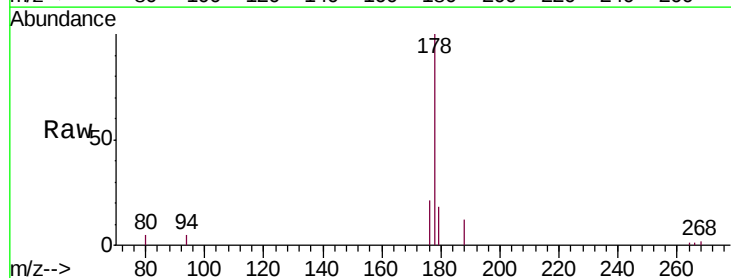
Tgt Ion:178 Resp: 4335

Ion Ratio Lower Upper

178 100

179 18.0 12.2 18.2

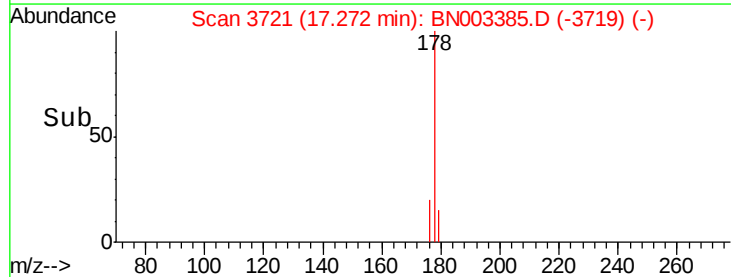
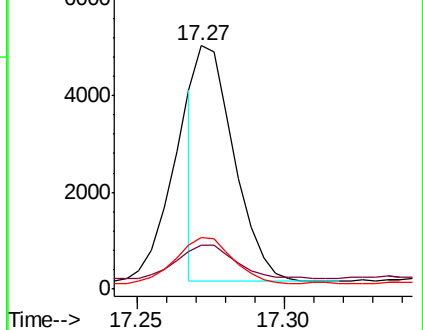
176 21.4 14.7 22.1

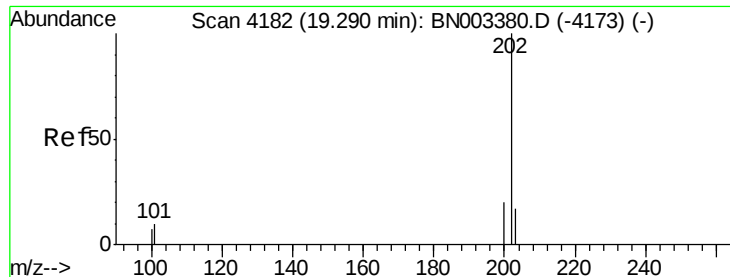


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.076 ng/ul

RT: 19.29 min Scan# 4181

Delta R.T. -0.00 min

Lab File: BN003385.D

Acq: 01 Nov 2018 18:59

Instrument :

BNA_N

ClientSampleId :

A40F1MS

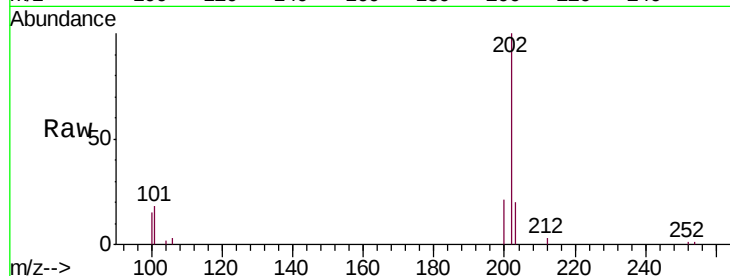
Tgt Ion:202 Resp: 18256

Ion Ratio Lower Upper

202 100

101 18.2 0.0 30.7

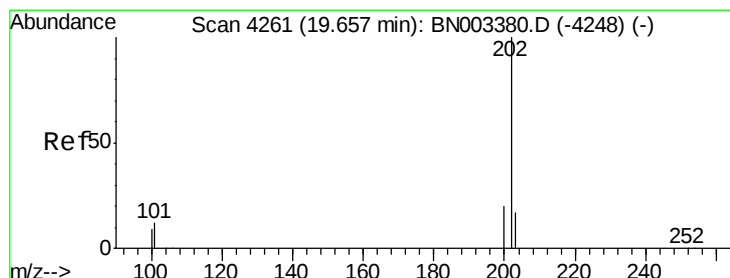
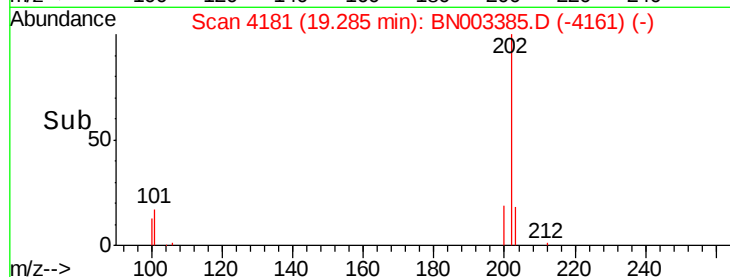
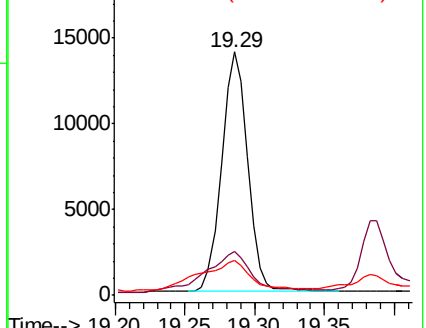
100 14.5 0.0 28.0



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: 0.345 ng/ul

RT: 19.65 min Scan# 4260

Delta R.T. -0.00 min

Lab File: BN003385.D

Acq: 01 Nov 2018 18:59

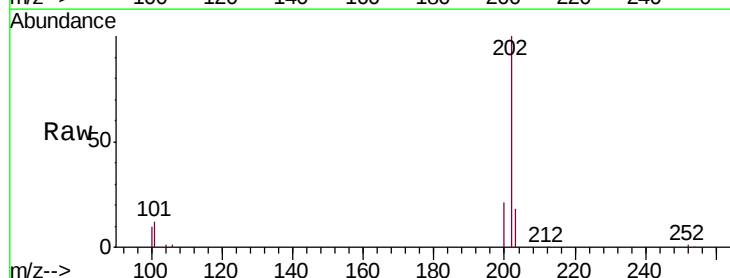
Tgt Ion:202 Resp: 79874

Ion Ratio Lower Upper

202 100

101 12.2 9.5 14.3

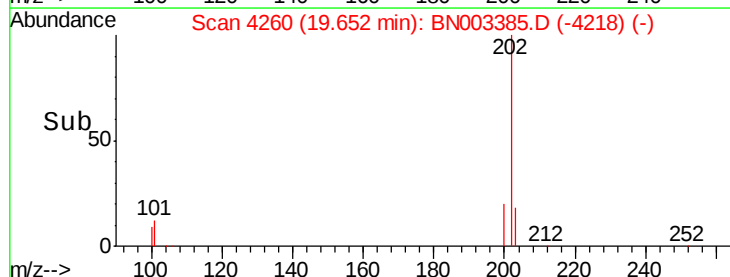
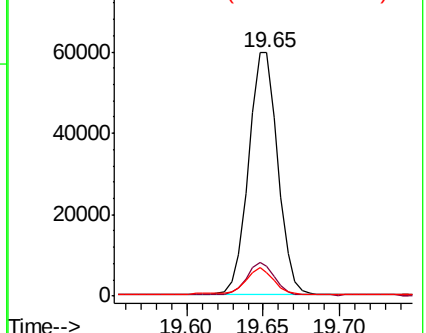
100 9.8 7.5 11.3

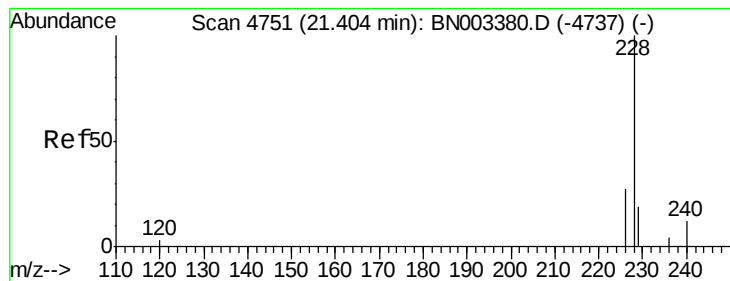


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.034 ng/ul

RT: 21.39 min Scan# 4747

Delta R.T. -0.01 min

Lab File: BN003385.D

Acq: 01 Nov 2018 18:59

Instrument :

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ClientSampleId :

A40F1MS

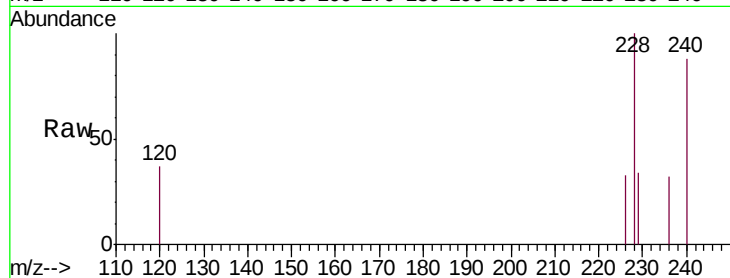
Tgt Ion:228 Resp: 6829

Ion Ratio Lower Upper

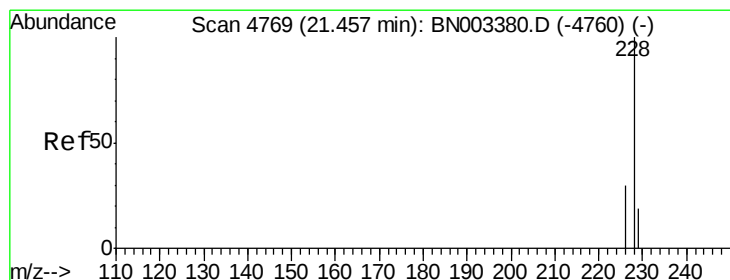
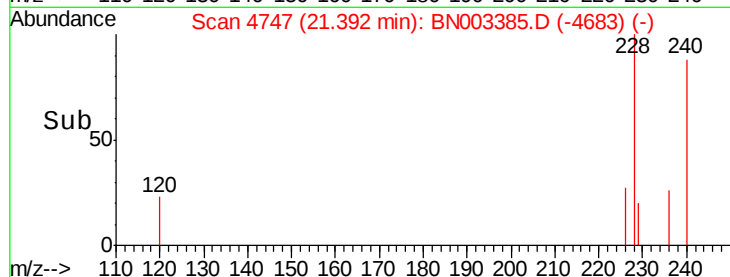
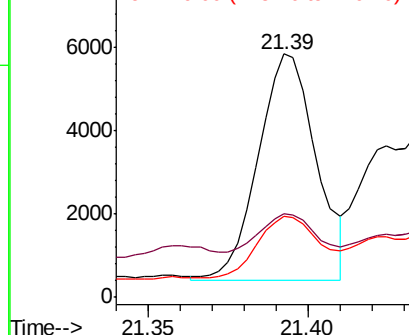
228 100

229 34.4 15.5 23.3#

226 33.3 21.5 32.3#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.051 ng/ul

RT: 21.45 min Scan# 4765

Delta R.T. -0.01 min

Lab File: BN003385.D

Acq: 01 Nov 2018 18:59

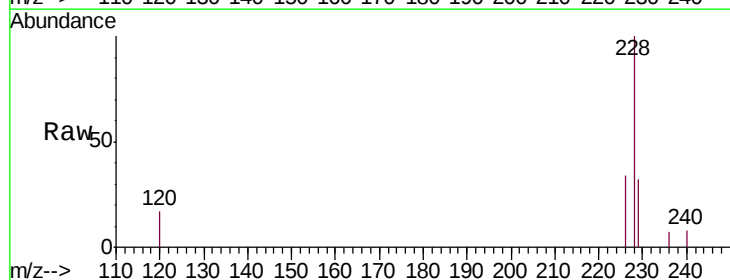
Tgt Ion:228 Resp: 11644

Ion Ratio Lower Upper

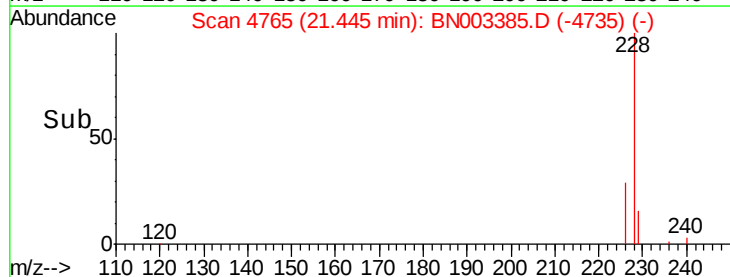
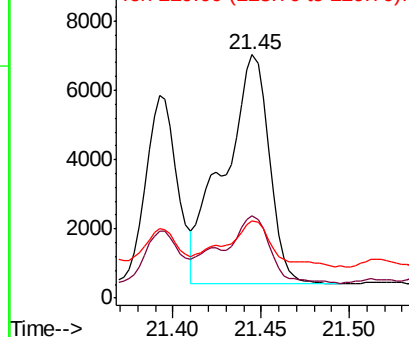
228 100

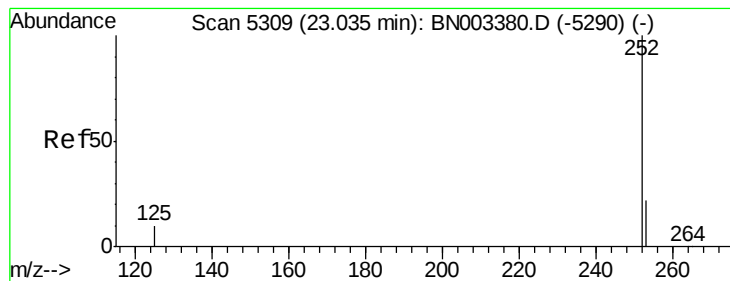
226 33.7 23.8 35.6

229 31.8 15.5 23.3#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.080 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. -0.01 min

Lab File: BN003385.D

Acq: 01 Nov 2018 18:59

Instrument :

BNA_N

ClientSampleId :

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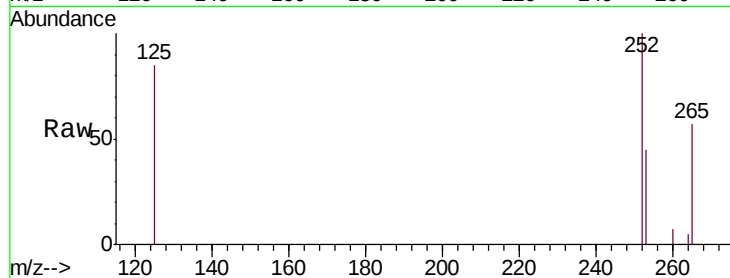
Tgt Ion:252 Resp: 18774

Ion Ratio Lower Upper

252 100

253 44.9 0.0 45.6

125 84.6 0.0 21.8#

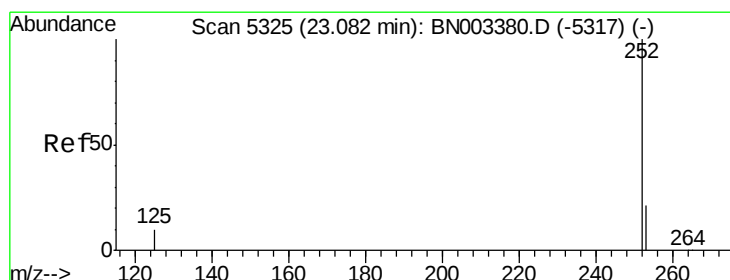
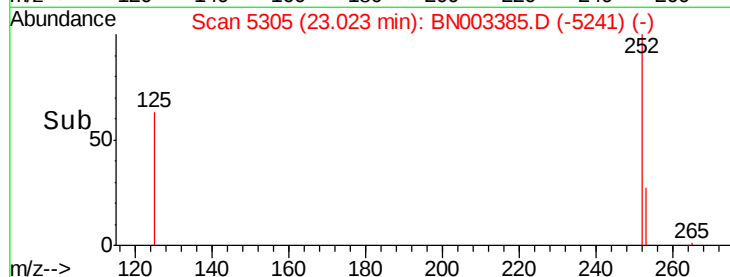
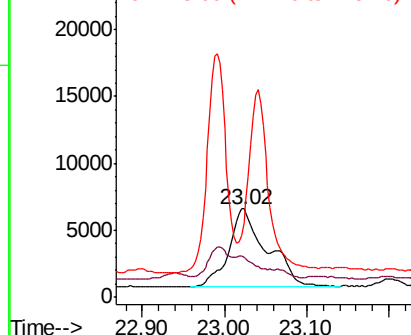


Abundance

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: 0.083 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. -0.06 min

Lab File: BN003385.D

Acq: 01 Nov 2018 18:59

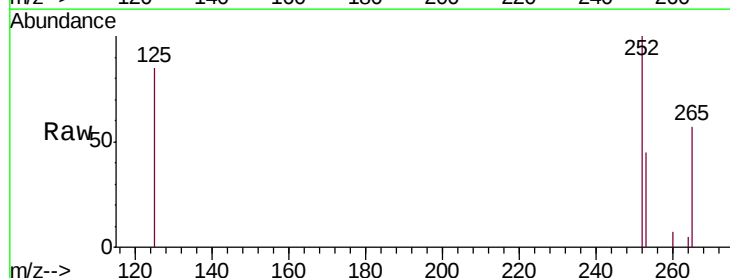
Tgt Ion:252 Resp: 18774

Ion Ratio Lower Upper

252 100

253 44.9 18.2 27.4#

125 84.6 8.6 13.0#

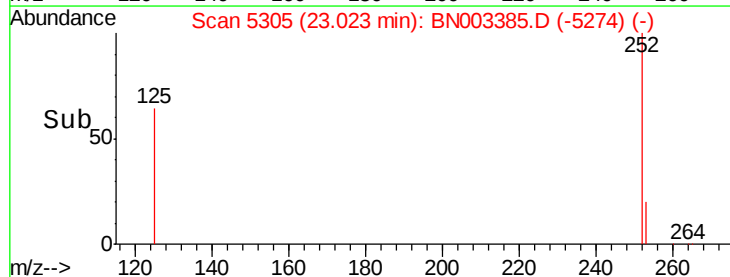
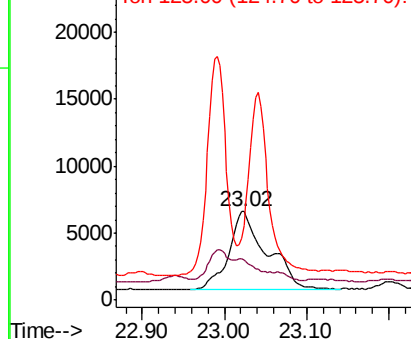


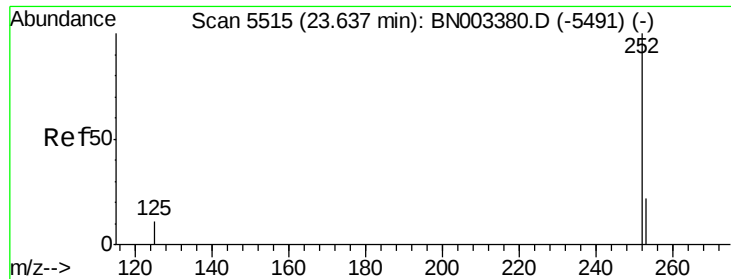
Abundance

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





#23

Benzo(a)pyrene

Concen: 0.041 ng/u1

RT: 23.62 min Scan# 5509

Delta R.T. -0.02 min

Lab File: BN003385.D

Acq: 01 Nov 2018 18:59

Instrument :

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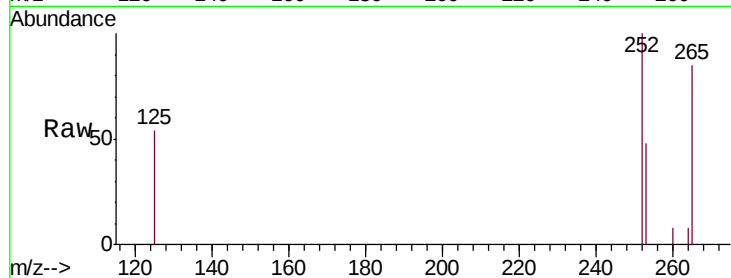
Tgt Ion:252 Resp: 7967

Ion Ratio Lower Upper

252 100

253 47.8 18.5 27.7#

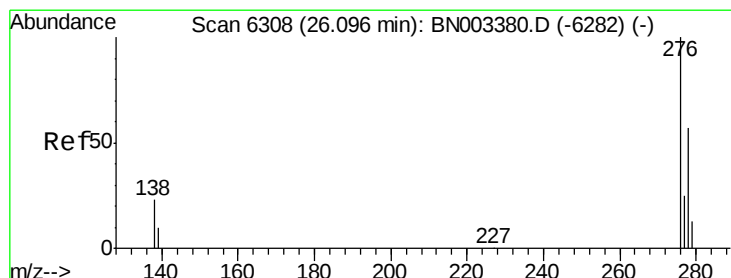
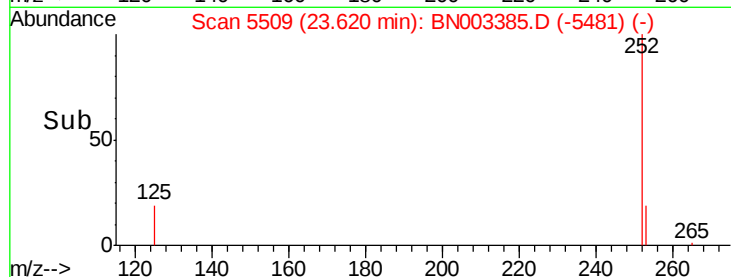
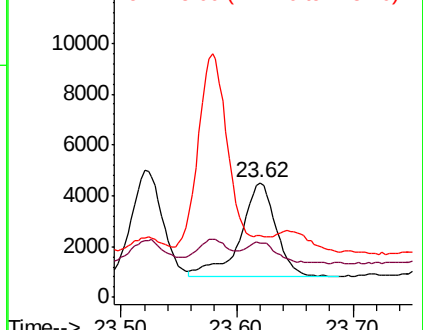
125 53.6 9.9 14.9#



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: 0.024 ng/u1

RT: 26.08 min Scan# 6302

Delta R.T. -0.02 min

Lab File: BN003385.D

Acq: 01 Nov 2018 18:59

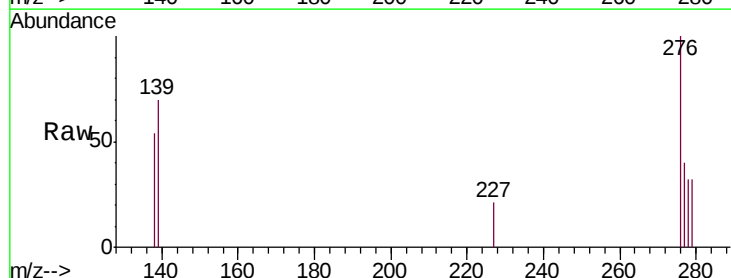
Tgt Ion:276 Resp: 4946

Ion Ratio Lower Upper

276 100

138 0.0 19.8 29.8#

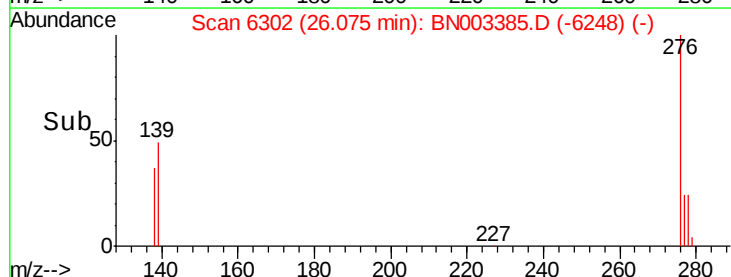
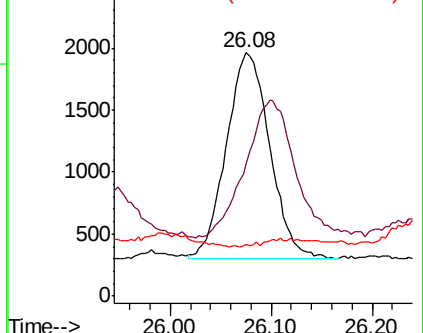
227 0.4 0.2 0.2#

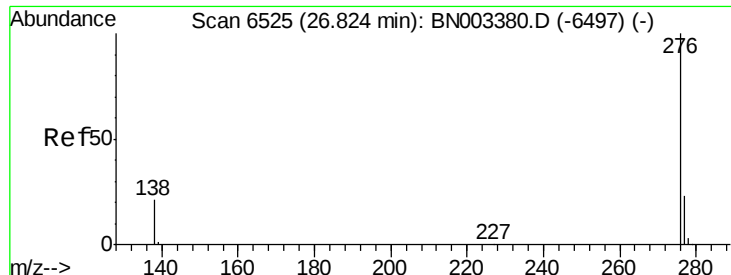


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.026 ng/u1

RT: 26.80 min Scan# 6519

Delta R.T. -0.02 min

Lab File: BN003385.D

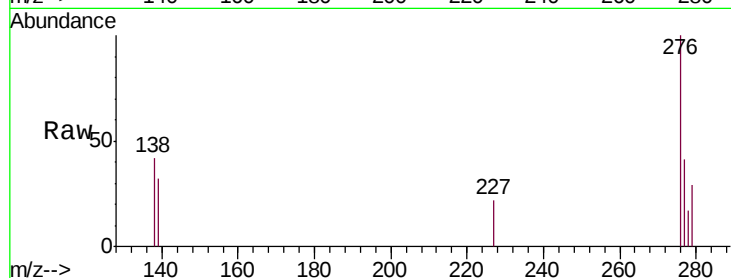
Acq: 01 Nov 2018 18:59

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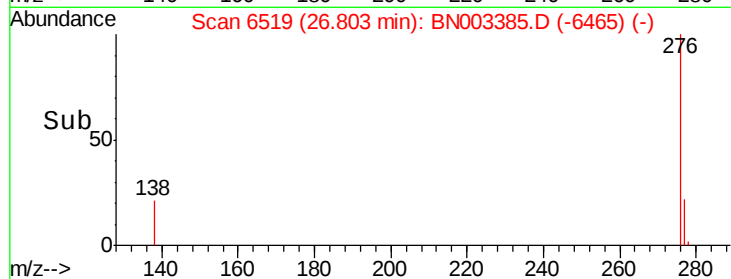
Tgt Ion: 276 Resp: 4639

Ion Ratio Lower Upper

276 100

138 42.0 17.0 25.6#

277 40.6 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

