

Data Path : Z:\HPCHEM1\BNA N\DATA\BN030518\
 Data File : BN000252.D
 Acq On : 05 Mar 2018 19:10
 Operator : JU/SJ
 Sample : MDL-SIM-S-07
 Misc : 0.07 PPM
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SIM-S-07

Quant Time: Mar 06 04:39:03 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN030218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 04:37:49 2018
 Response via : Initial Calibration

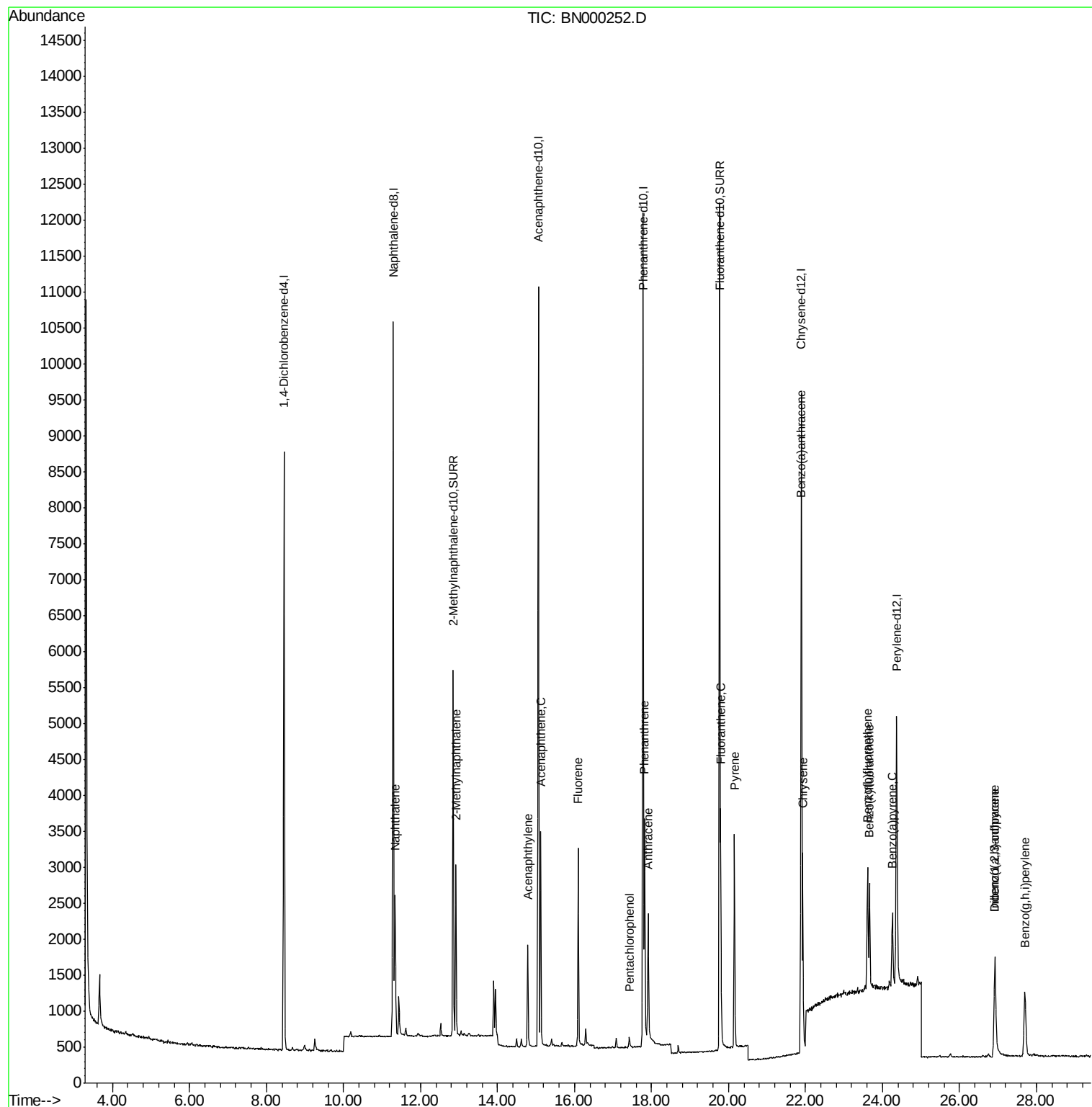
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	4270	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	13537	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	5694	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.78	188	12996	0.40	ng/ul	0.00
16) Chrysene-d12	21.89	240	7346	0.40	ng/ul	0.00
20) Perylene-d12	24.37	264	5924	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.84	152	6603	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.77	212	11373	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.34	128	2771	0.064	ng/ul#	91
5) 2-Methylnaphthalene	12.92	142	1701	0.062	ng/ul	99
7) Acenaphthylene	14.79	152	1733	0.061	ng/ul	96
8) Acenaphthene	15.12	153	1696	0.062	ng/ul	95
9) Fluorene	16.10	166	1805	0.061	ng/ul	92
11) Pentachlorophenol	17.42	266	113	0.043	ng/ul	92
12) Phenanthrene	17.82	178	3265	0.062	ng/ul#	87
13) Anthracene	17.91	178	2214	0.056	ng/ul#	90
15) Fluoranthene	19.80	202	3129	0.061	ng/ul	62
17) Pyrene	20.15	202	3023	0.070	ng/ul#	55
18) Benzo(a)anthracene	21.88	228	1806	0.063	ng/ul#	85
19) Chrysene	21.93	228	2779	0.071	ng/ul	93
21) Benzo(b)fluoranthene	23.61	252	2235	0.063	ng/ul	81
22) Benzo(k)fluoranthene	23.66	252	2095	0.062	ng/ul#	74
23) Benzo(a)pyrene	24.26	252	1652	0.059	ng/ul#	72
24) Indeno(1,2,3-cd)pyrene	26.92	276	1790	0.057	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.93	278	1257	0.055	ng/ul#	67
26) Benzo(g,h,i)perylene	27.70	276	1939	0.063	ng/ul#	72

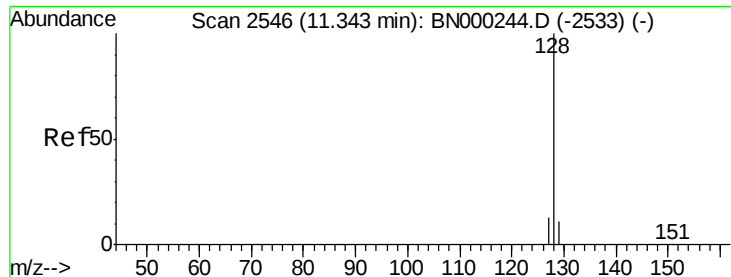
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.064 ng/ul

RT: 11.34 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-S-07

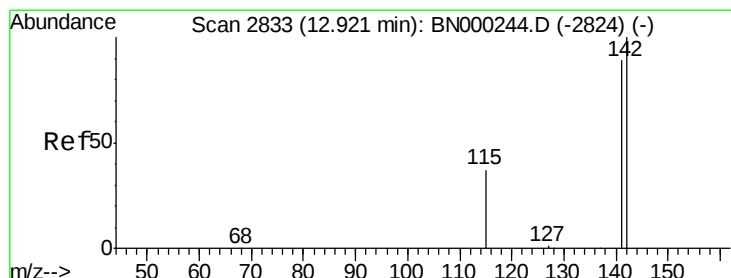
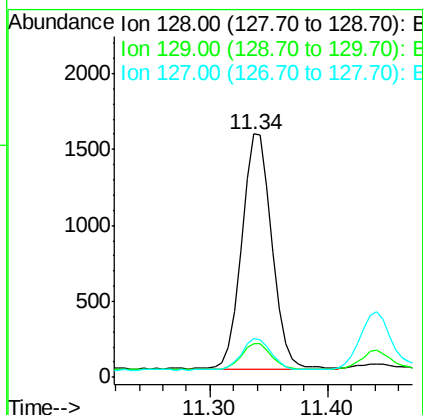
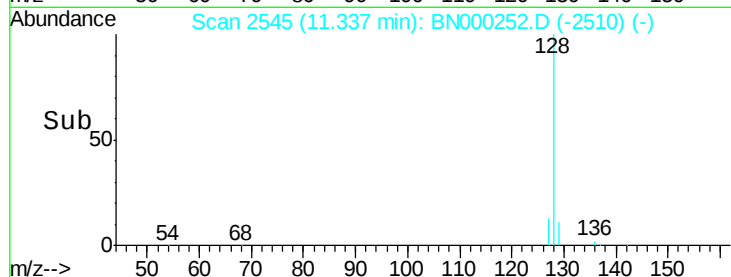
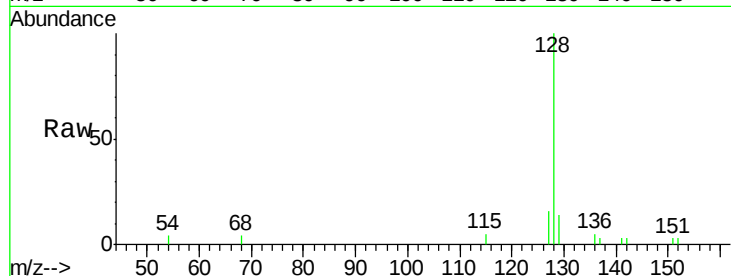
Tot Ion:128 Resp: 2771

Ion Ratio Lower Upper

128 100

129 13.8 11.3 16.9

127 16.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.062 ng/ul

RT: 12.92 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BN000252.D

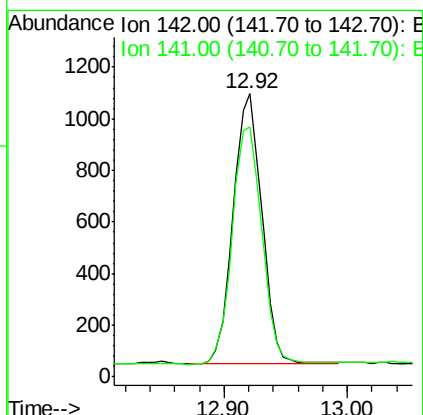
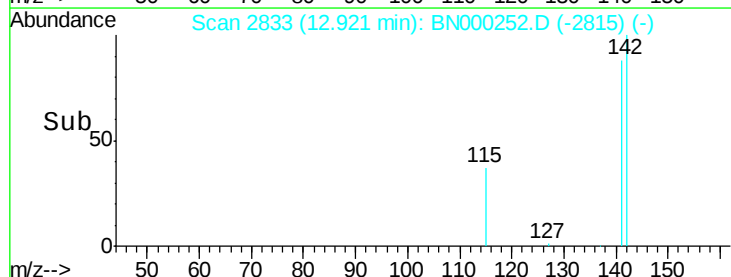
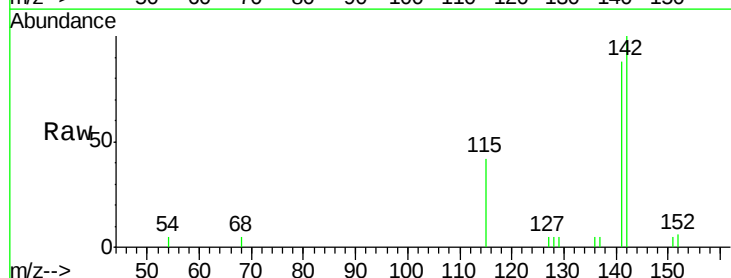
Acq: 05 Mar 2018 19:10

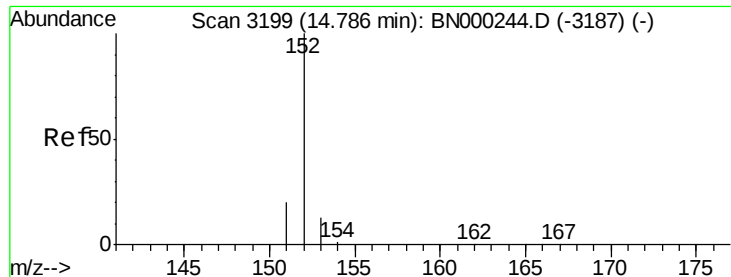
Tgt Ion:142 Resp: 1701

Ion Ratio Lower Upper

142 100

141 91.4 72.6 108.8





#7

Acenaphthylene

Concen: 0.061 ng/ul

RT: 14.79 min Scan# 3199

Delta R.T. 0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-S-07

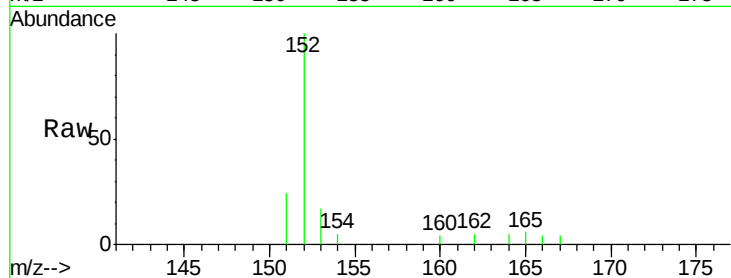
Tot Ion:152 Resp: 1733

Ion Ratio Lower Upper

152 100

151 24.0 17.1 25.7

153 16.5 12.8 19.2



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

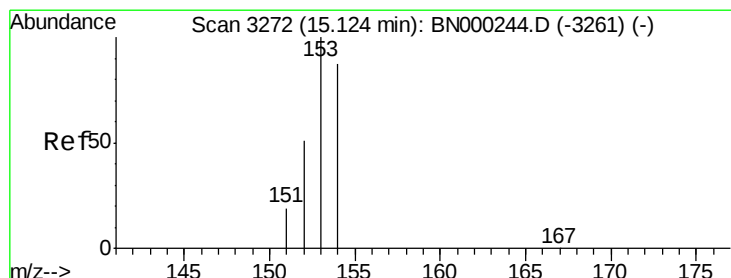
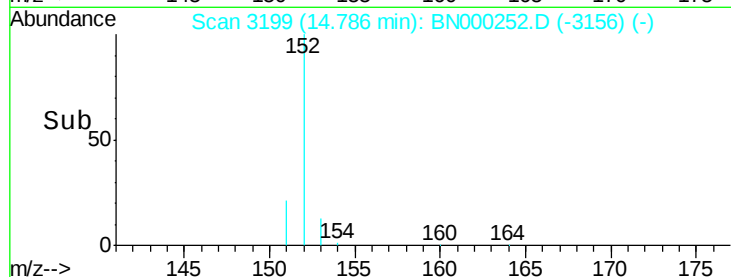
14.79

1000

500

0

Time-->



#8

Acenaphthene

Concen: 0.062 ng/ul

RT: 15.12 min Scan# 3272

Delta R.T. 0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

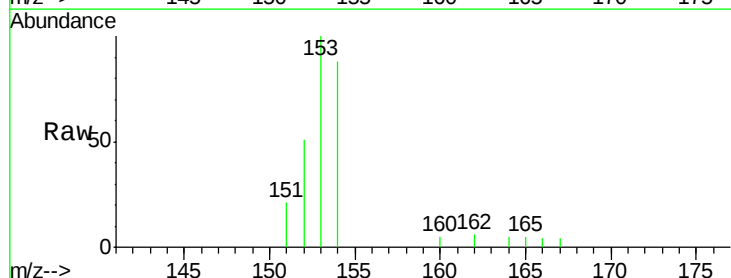
Tgt Ion:153 Resp: 1696

Ion Ratio Lower Upper

153 100

152 50.6 36.0 54.0

154 87.7 72.0 108.0



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

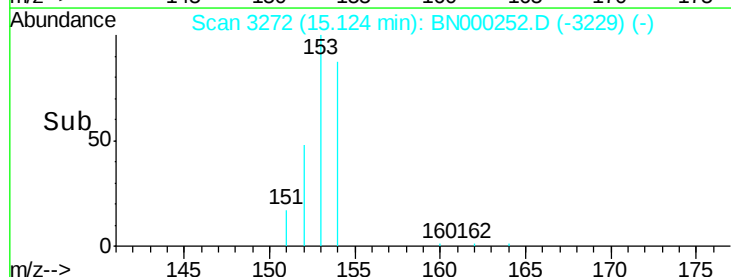
15.12

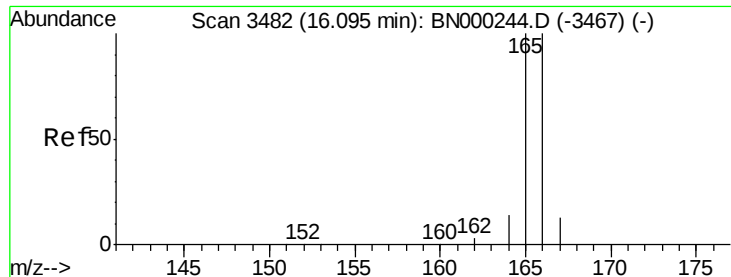
1000

500

0

Time-->





#9

Fluorene

Concen: 0.061 ng/ul

RT: 16.10 min Scan# 3482

Delta R.T. 0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-S-07

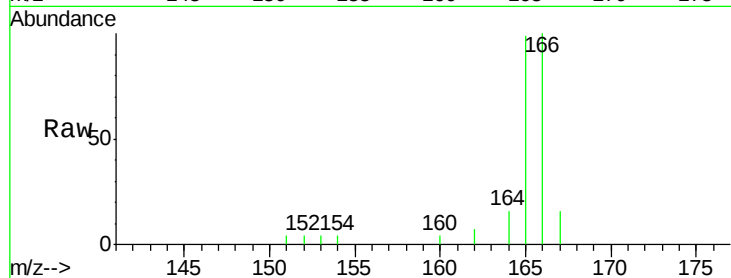
Tot Ion:166 Resp: 1805

Ion Ratio Lower Upper

166 100

165 99.4 73.4 110.2

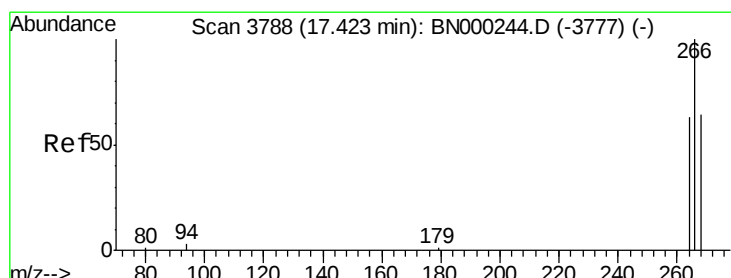
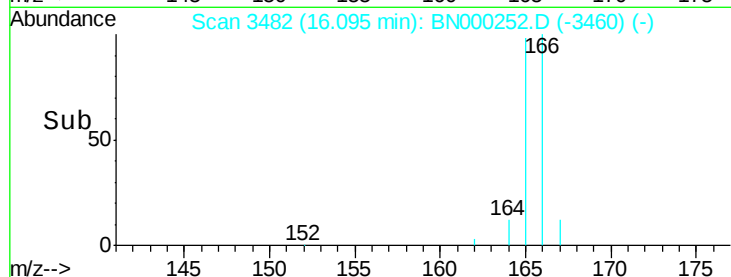
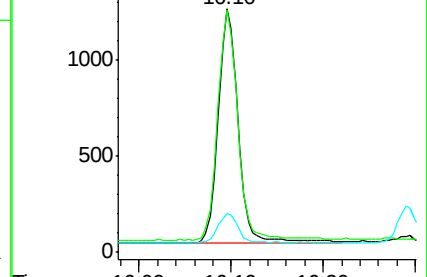
167 15.9 14.6 22.0



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: 0.043 ng/ul

RT: 17.42 min Scan# 3788

Delta R.T. 0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

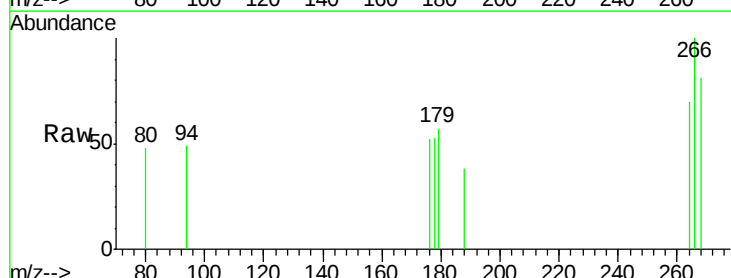
Tgt Ion:266 Resp: 113

Ion Ratio Lower Upper

266 100

264 56.6 47.9 71.9

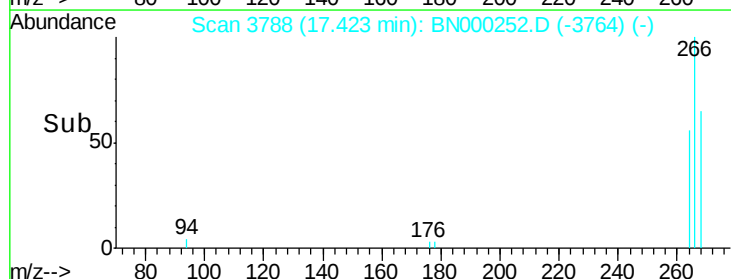
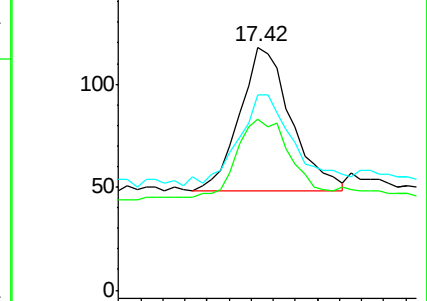
268 70.8 49.8 74.8

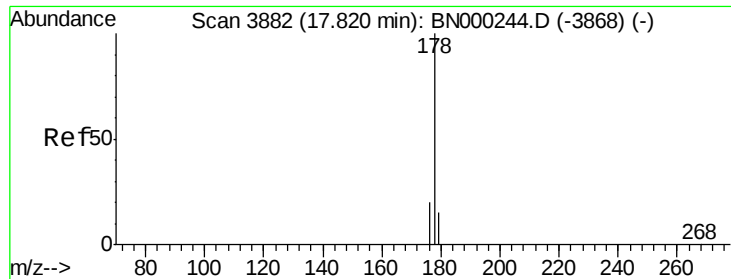


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.062 ng/ul

RT: 17.82 min Scan# 3882

Delta R.T. 0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

Instrument :

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MDL-SIM-S-07

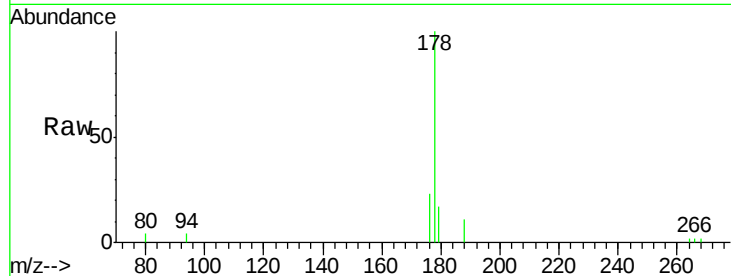
Tot Ion:178 Resp: 3265

Ion Ratio Lower Upper

178 100

179 17.3 18.4 27.6#

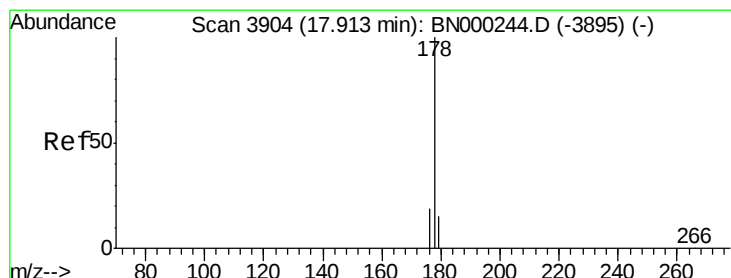
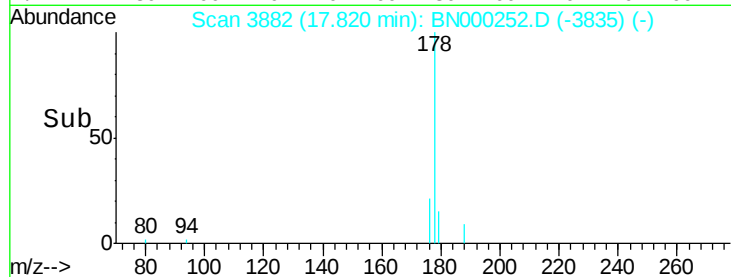
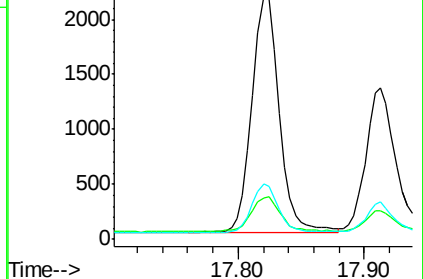
176 22.9 13.6 20.4#



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: 0.056 ng/ul

RT: 17.91 min Scan# 3904

Delta R.T. 0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

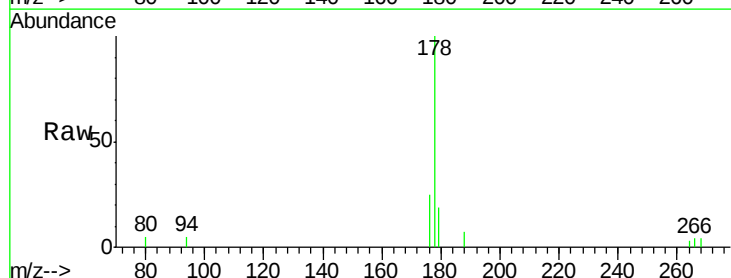
Tgt Ion:178 Resp: 2214

Ion Ratio Lower Upper

178 100

179 19.1 18.1 27.1

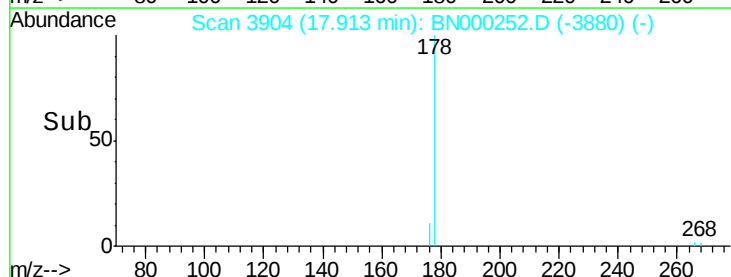
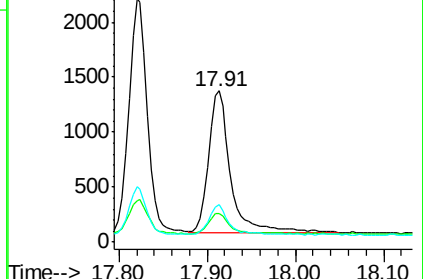
176 24.6 14.7 22.1#

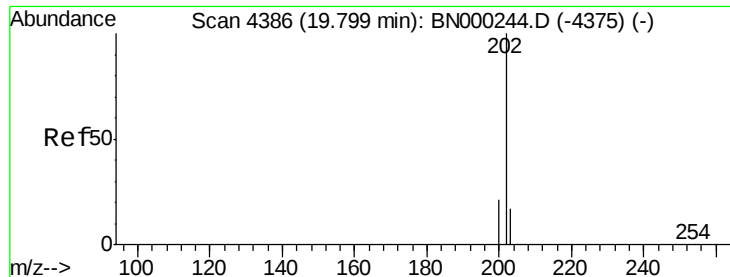


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.061 ng/ul

RT: 19.80 min Scan# 4386

Delta R.T. 0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-S-07

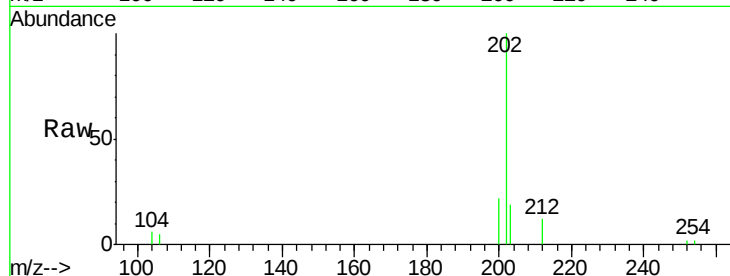
Tot Ion:202 Resp: 3129

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.3

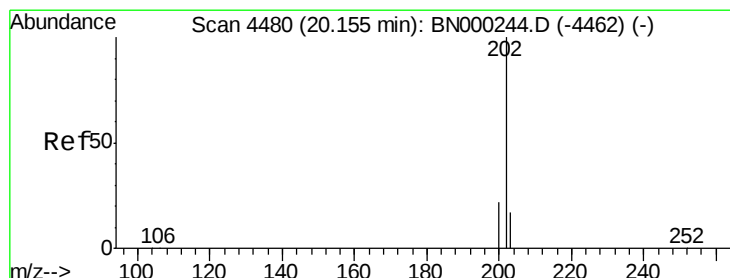
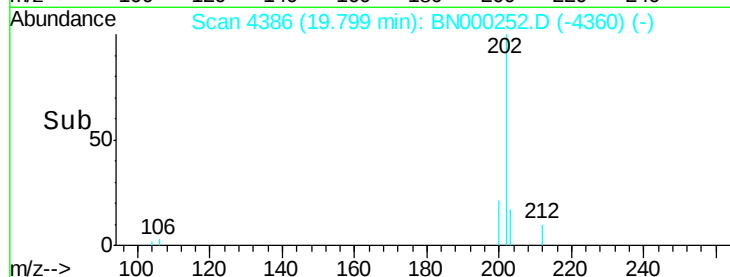
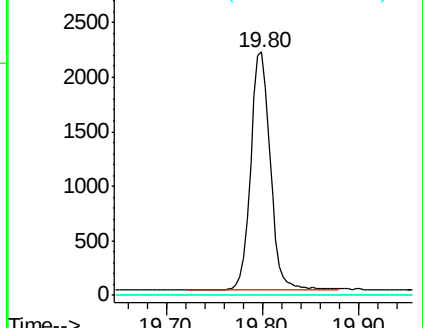
100 0.0 0.0 39.5



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: 0.070 ng/ul

RT: 20.15 min Scan# 4480

Delta R.T. 0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

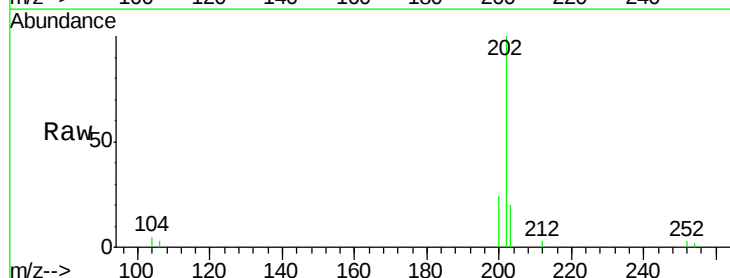
Tgt Ion:202 Resp: 3023

Ion Ratio Lower Upper

202 100

101 0.0 18.2 27.4#

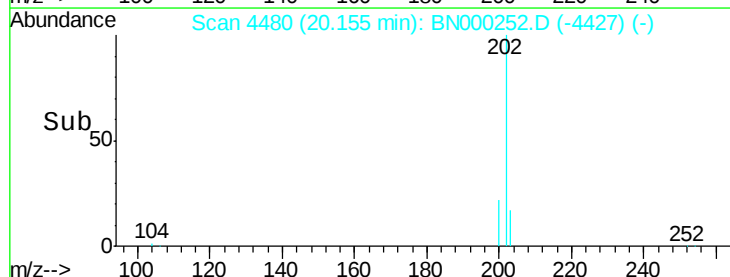
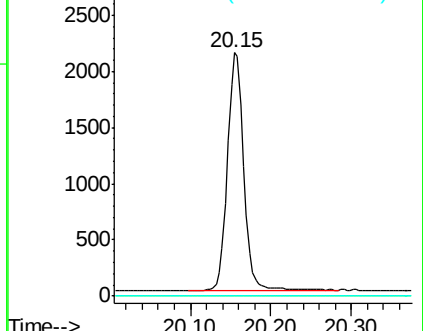
100 0.0 15.6 23.4#

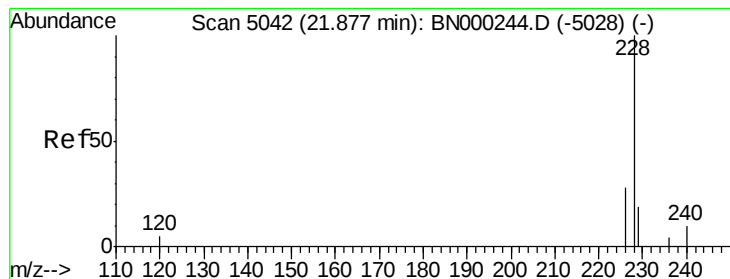


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.063 ng/ul

RT: 21.88 min Scan# 5042

Delta R.T. 0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

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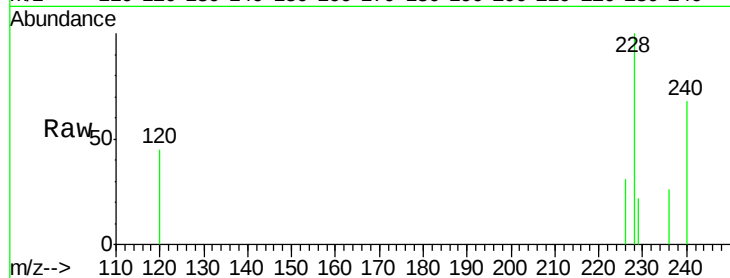
Tot Ion:228 Resp: 1806

Ion Ratio Lower Upper

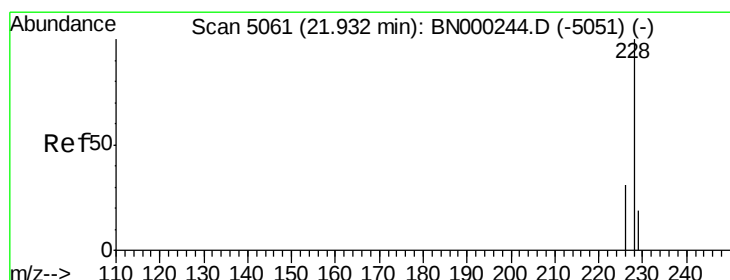
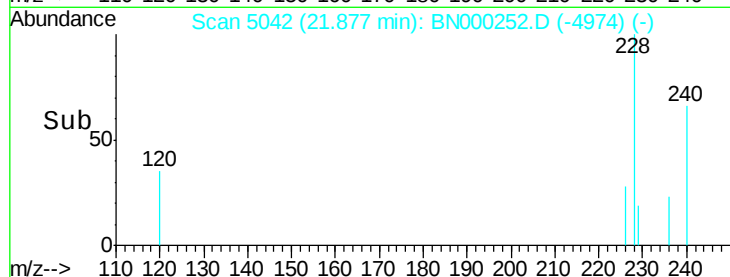
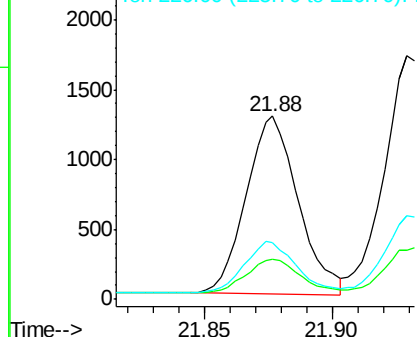
228 100

229 22.1 22.8 34.2#

226 30.7 17.0 25.6#



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: 0.071 ng/ul

RT: 21.93 min Scan# 5060

Delta R.T. -0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

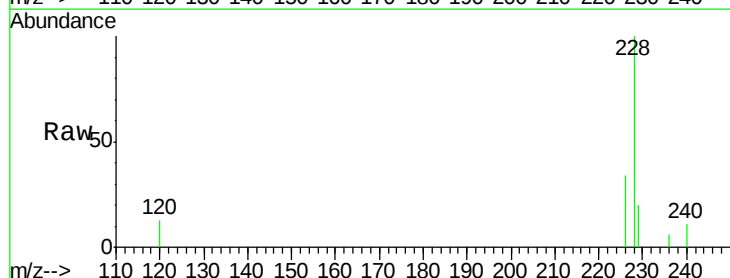
Tgt Ion:228 Resp: 2779

Ion Ratio Lower Upper

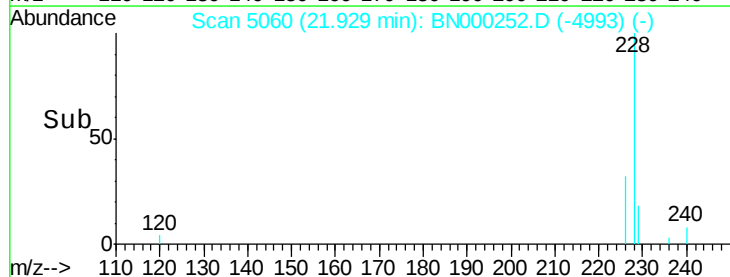
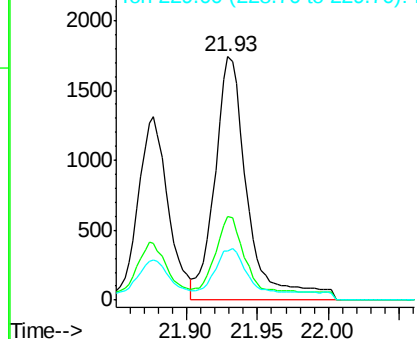
228 100

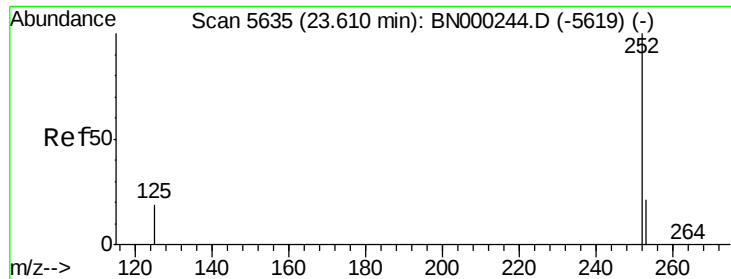
226 34.2 23.4 35.0

229 20.3 17.7 26.5



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: 0.063 ng/u1

RT: 23.61 min Scan# 5635

Delta R.T. 0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

Instrument :

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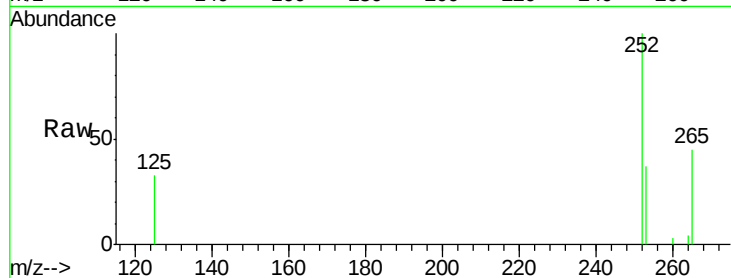
Tot Ion:252 Resp: 2235

Ion Ratio Lower Upper

252 100

253 37.3 0.0 64.2

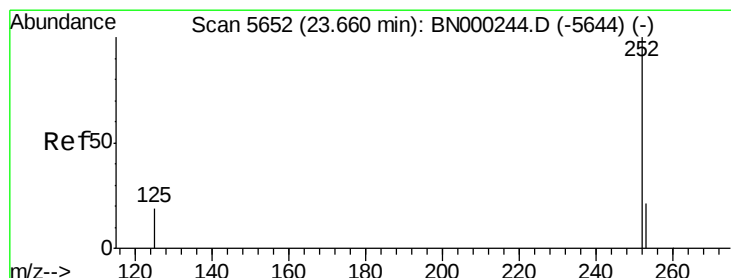
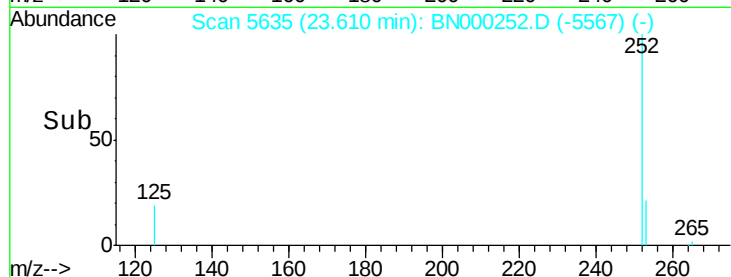
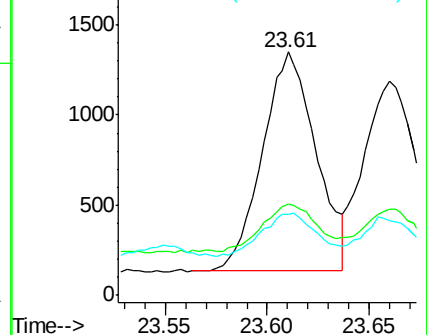
125 33.2 0.0 35.0



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



#22

Benzo(k)fluoranthene

Concen: 0.062 ng/u1

RT: 23.66 min Scan# 5652

Delta R.T. 0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

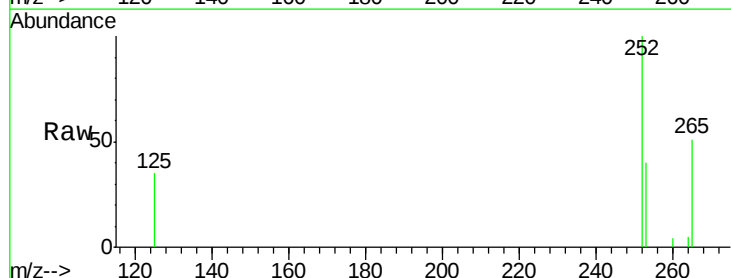
Tgt Ion:252 Resp: 2095

Ion Ratio Lower Upper

252 100

253 40.1 24.5 36.7#

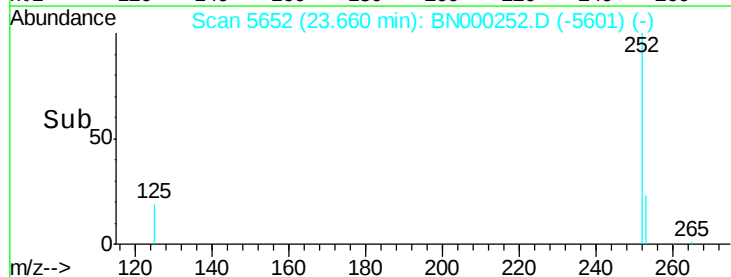
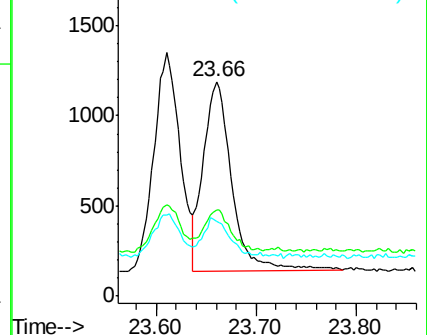
125 34.6 13.7 20.5#

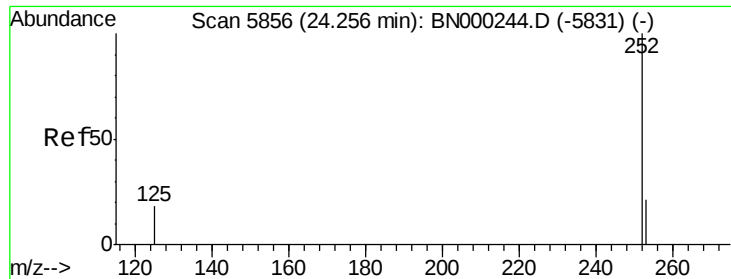


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.059 ng/u1

RT: 24.26 min Scan# 5856

Delta R.T. 0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-S-07

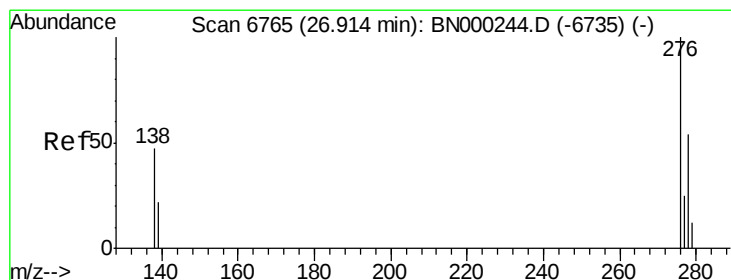
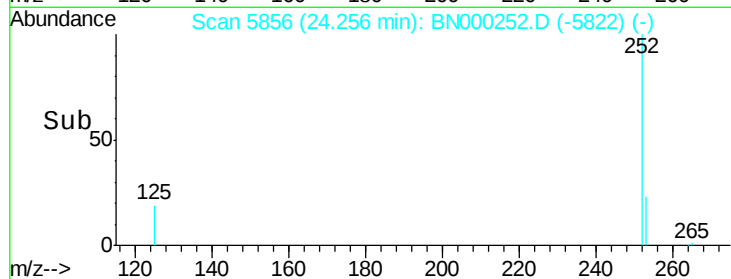
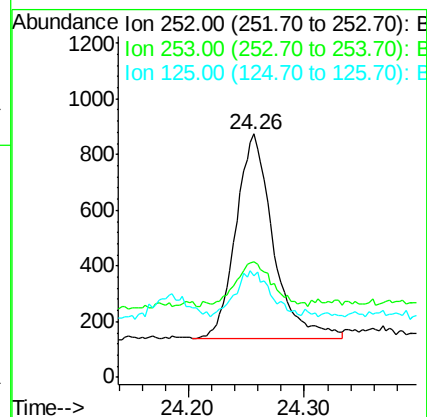
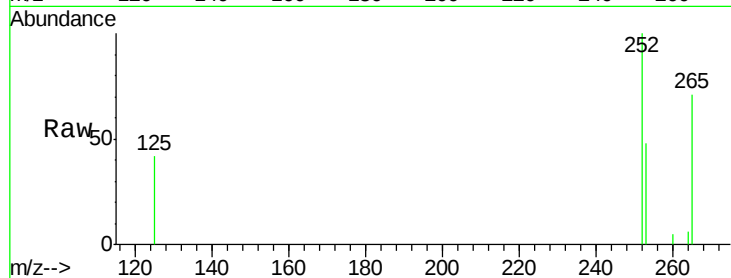
Tot Ion:252 Resp: 1652

Ion Ratio Lower Upper

252 100

253 47.6 28.5 42.7#

125 41.6 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.057 ng/u1

RT: 26.92 min Scan# 6766

Delta R.T. 0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

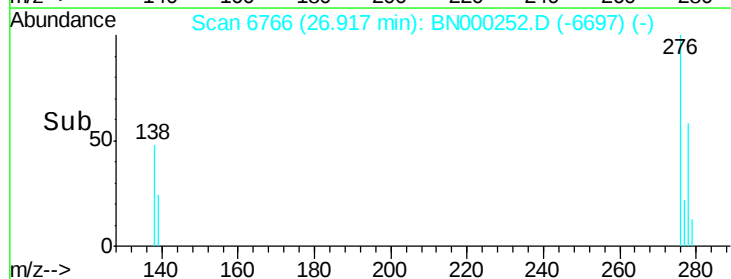
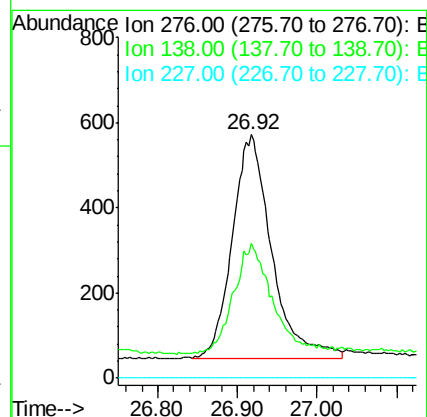
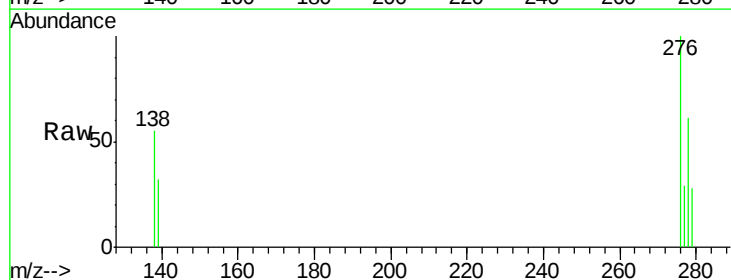
Tgt Ion:276 Resp: 1790

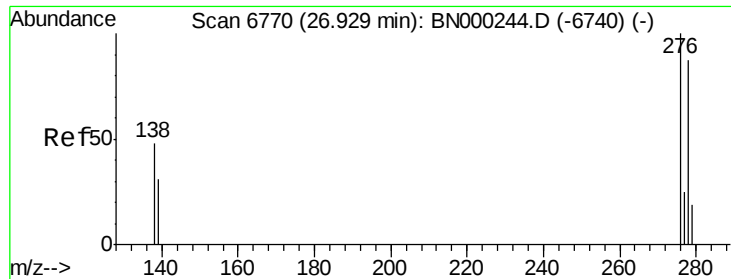
Ion Ratio Lower Upper

276 100

138 49.3 28.0 42.0#

227 0.0 8.0 12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.055 ng/ul

RT: 26.93 min Scan# 6770

Delta R.T. 0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-S-07

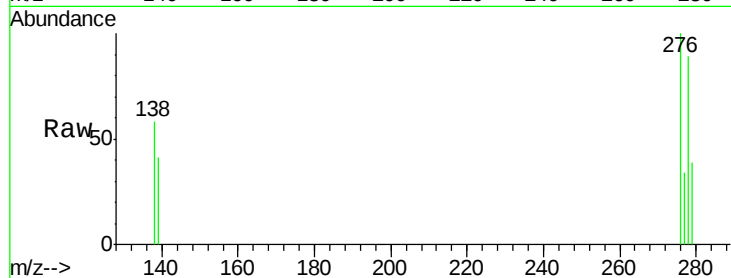
Tot Ion:278 Resp: 1257

Ion Ratio Lower Upper

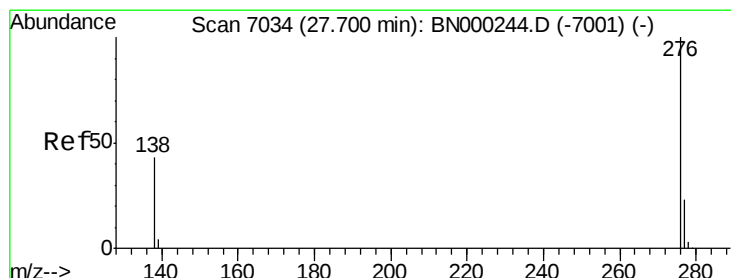
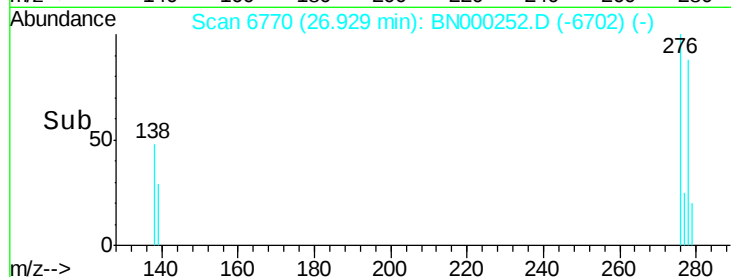
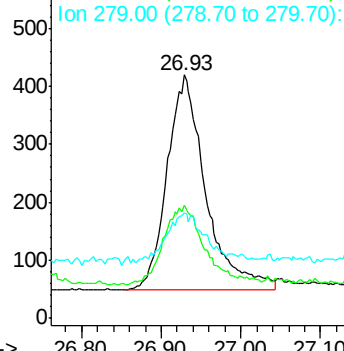
278 100

139 46.4 17.4 26.0#

279 43.3 25.9 38.9#



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: 0.063 ng/ul

RT: 27.70 min Scan# 7034

Delta R.T. 0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

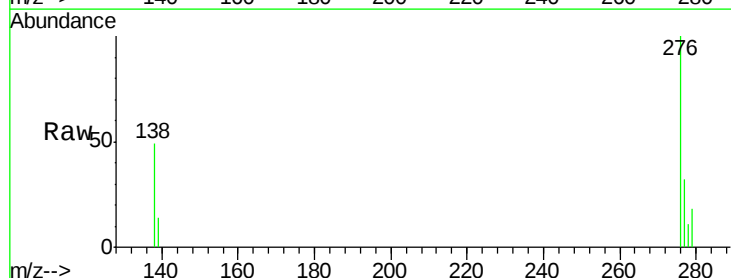
Tgt Ion:276 Resp: 1939

Ion Ratio Lower Upper

276 100

138 48.8 21.8 32.8#

277 32.3 20.5 30.7#



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

