

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

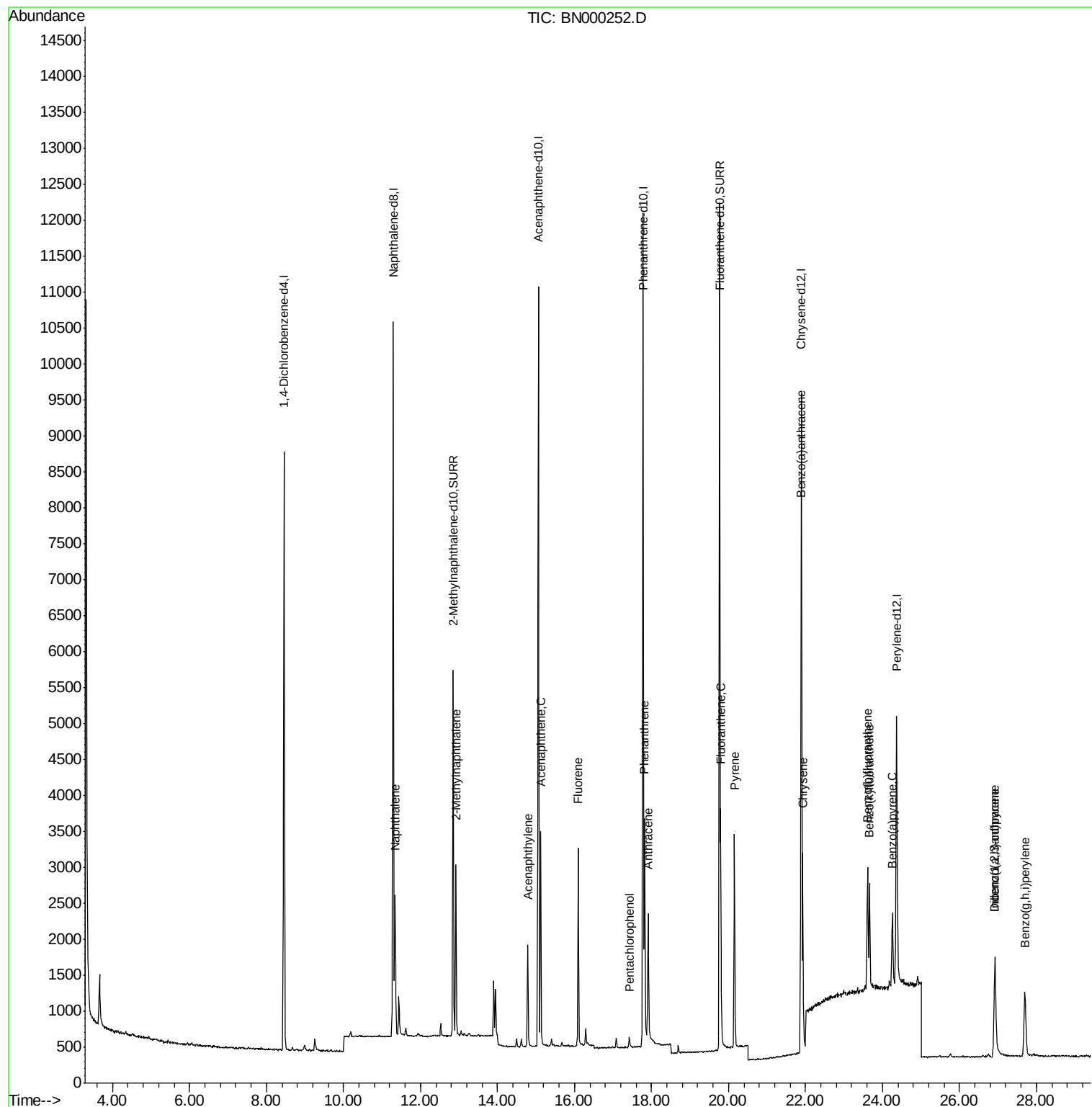
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	4270	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	13537	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	5694	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.78	188	12996	0.40	ng/ul	0.00
16) Chrysene-d12	21.89	240	7346	0.40	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					Qvalue	
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

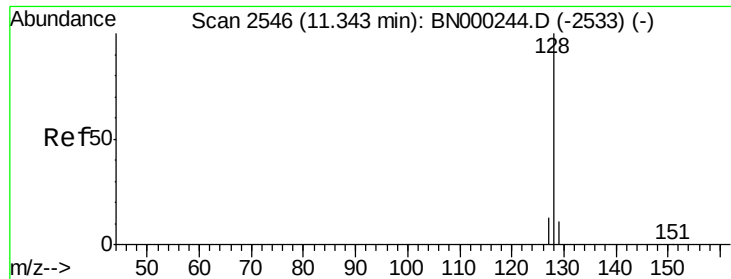
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

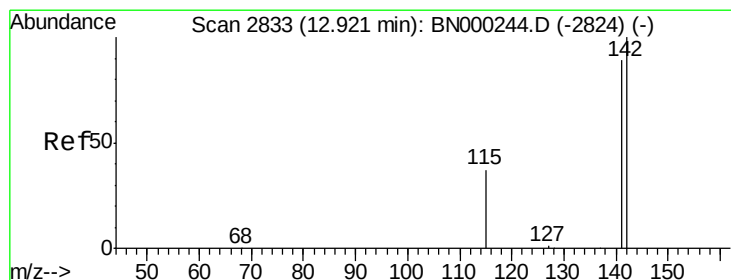
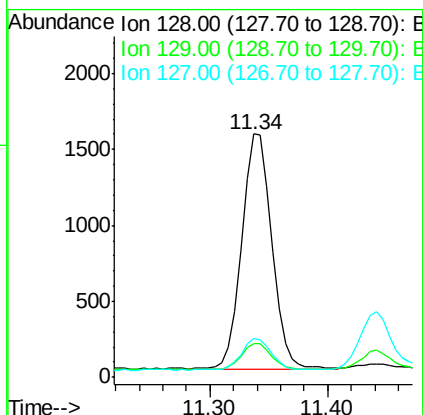
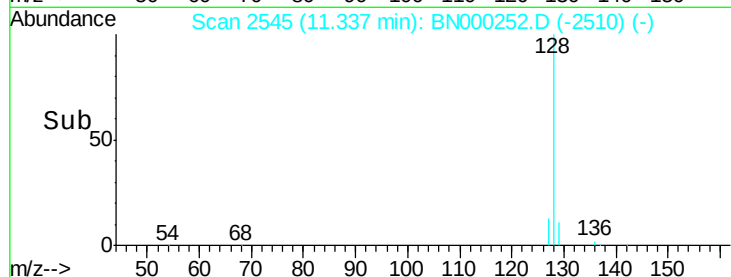
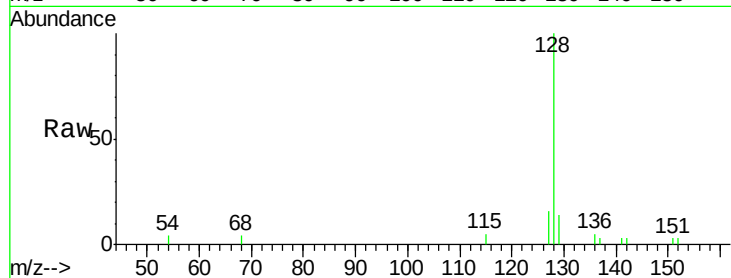
Tgt Ion:128 Resp: 2771

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

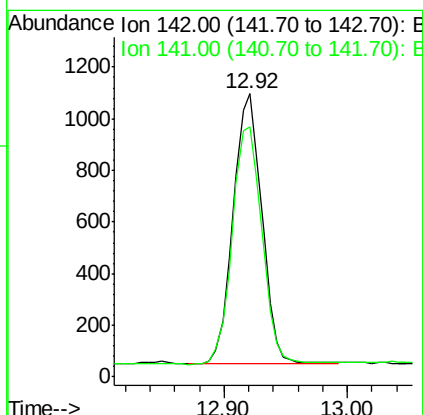
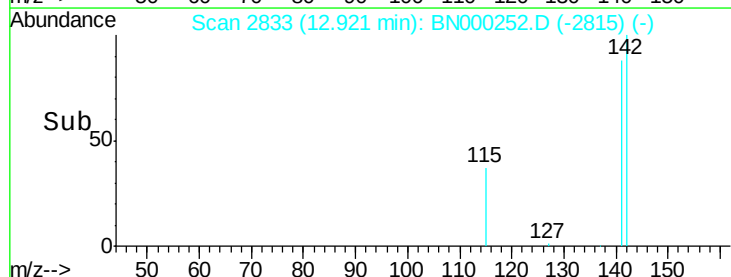
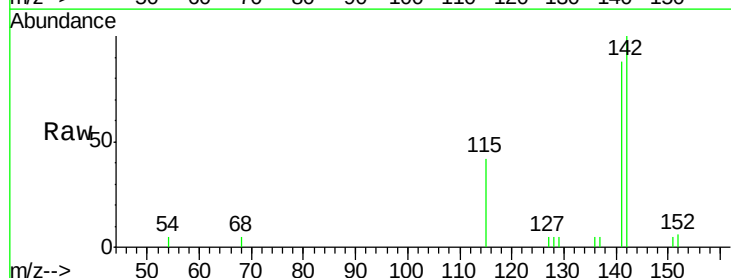
Acq: 05 Mar 2018 19:10

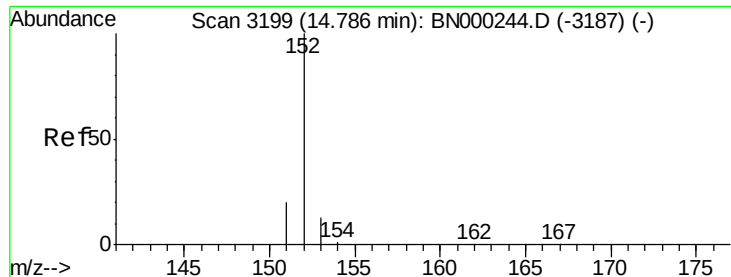
Tgt Ion:142 Resp: 1701

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

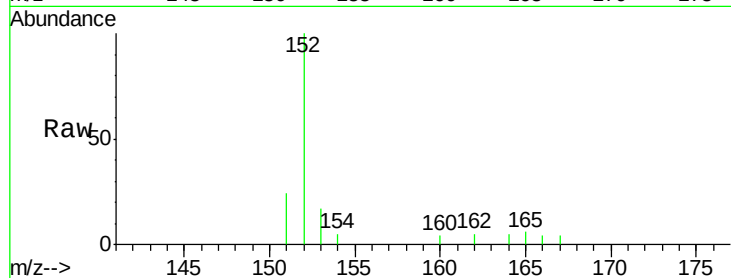
Tgt Ion:152 Resp: 1733

Ion Ratio Lower Upper

152 100

151 24.0 17.1 25.7

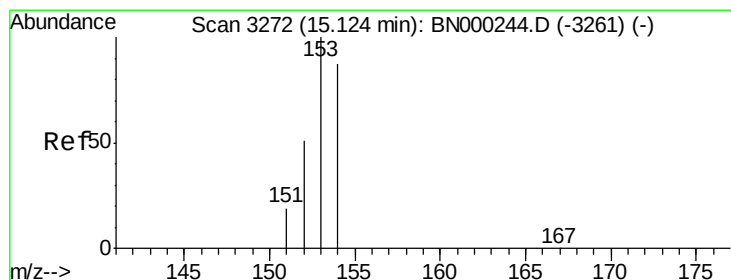
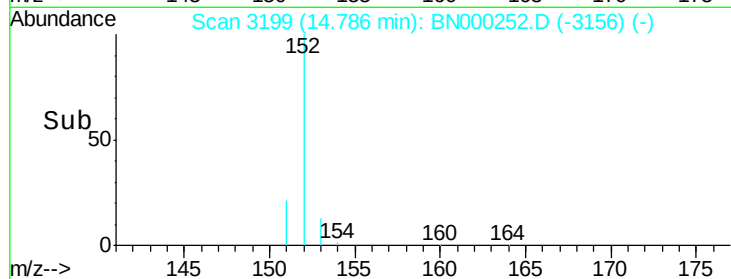
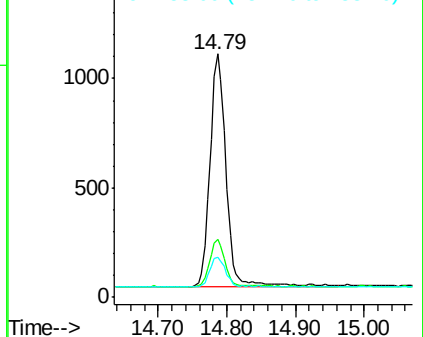
153 16.5 12.8 19.2



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



#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

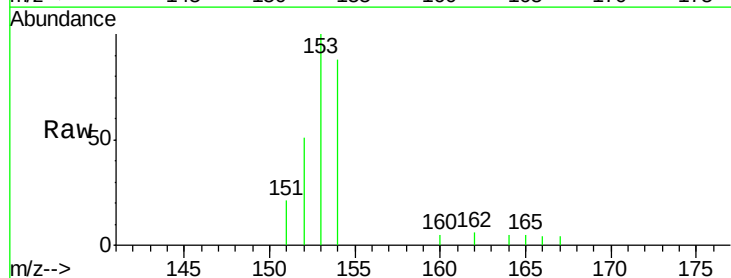
Tgt Ion:153 Resp: 1696

Ion Ratio Lower Upper

153 100

152 50.6 36.0 54.0

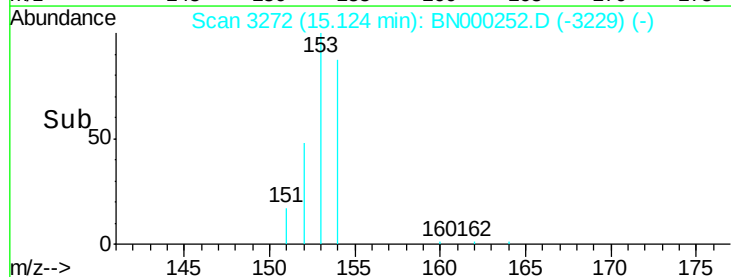
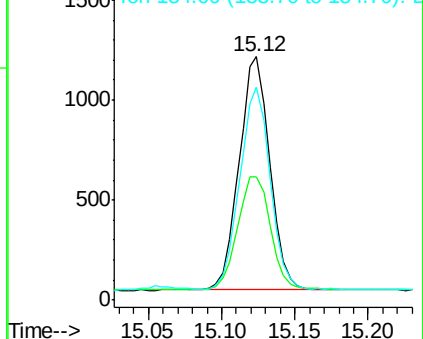
154 87.7 72.0 108.0

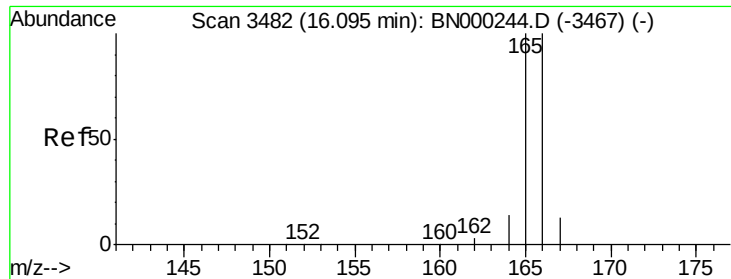


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

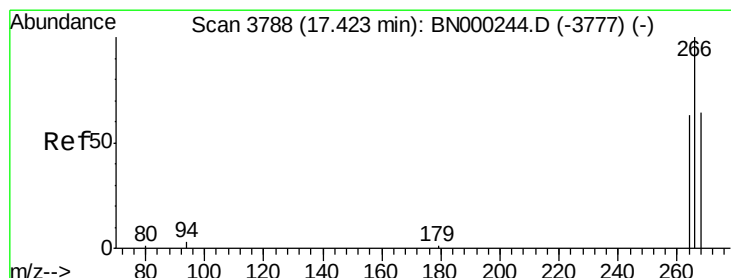
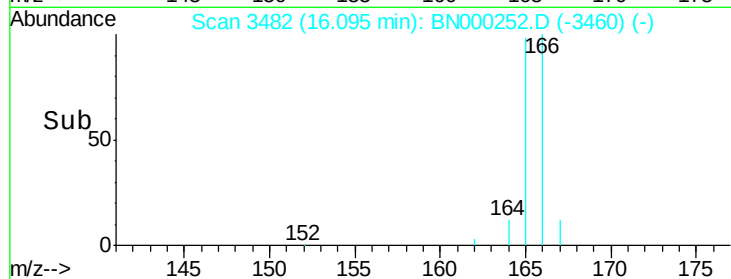
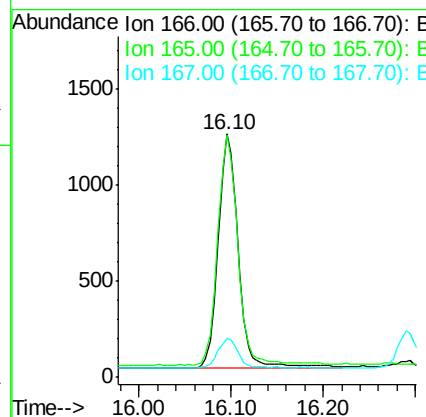
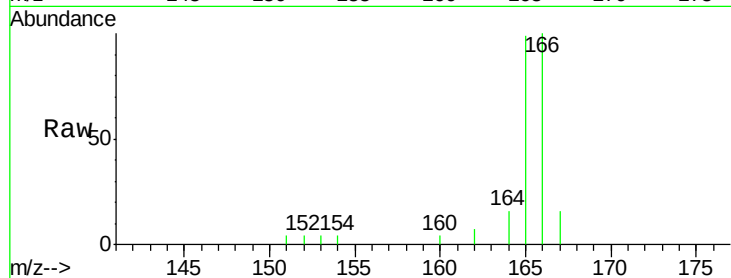




#9
Fluorene
 Concen: 0.061 ng/ul
 RT: 16.10 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: BN000252.D
 Acq: 05 Mar 2018 19:10

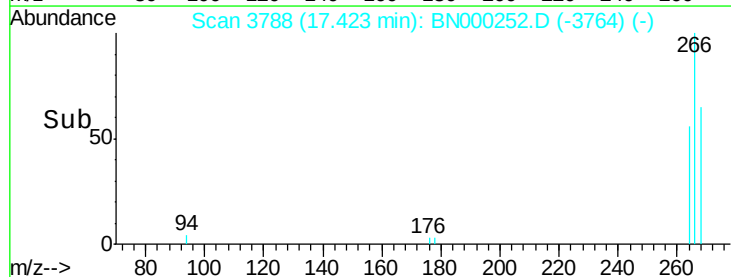
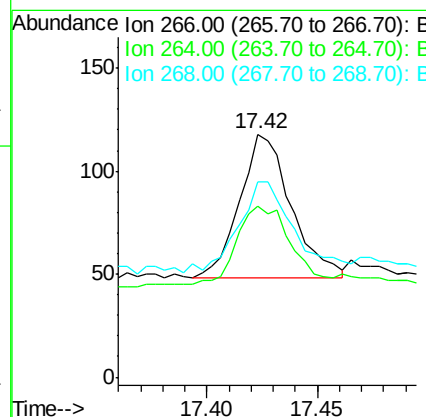
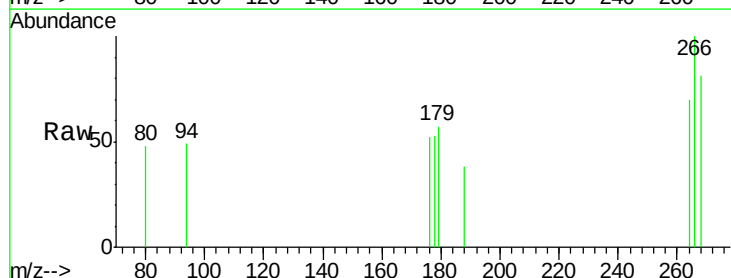
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SIM-S-07

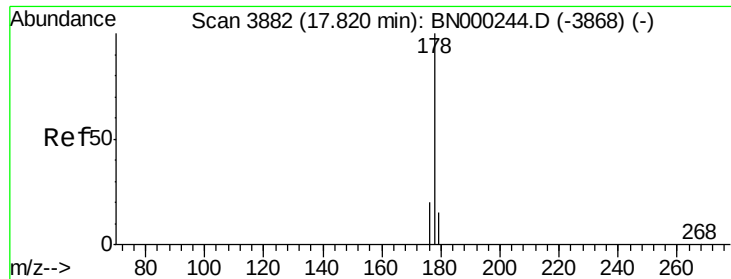
Tgt Ion:166 Resp: 1805
 Ion Ratio Lower Upper
 166 100
 165 99.4 73.4 110.2
 167 15.9 14.6 22.0



#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





#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 :

BNA_N

ClientSampleId :

MDL-SIM-S-07

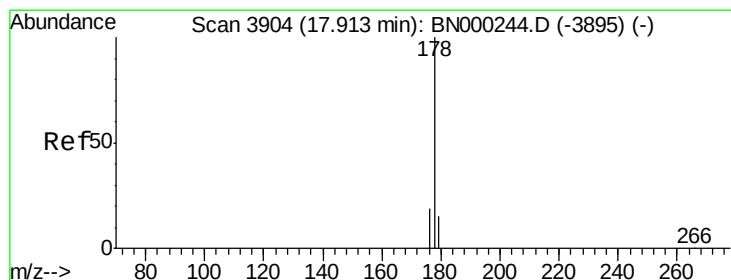
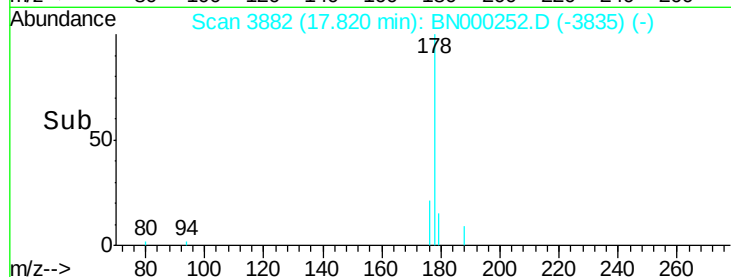
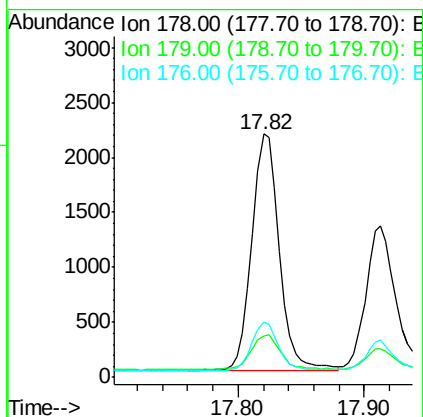
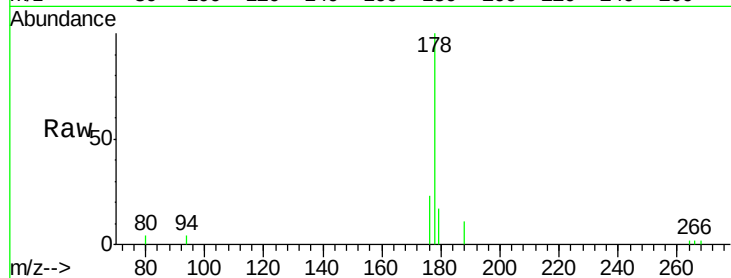
Tgt Ion:178 Resp: 3265

Ion Ratio Lower Upper

178 100

179 17.3 18.4 27.6#

176 22.9 13.6 20.4#



#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

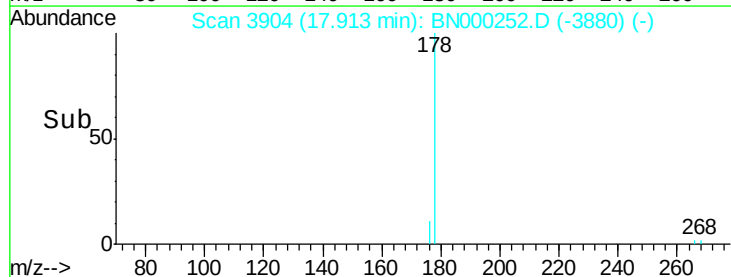
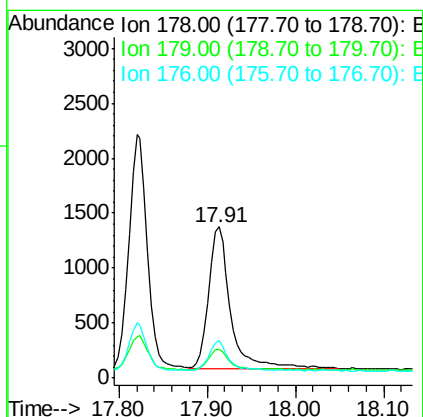
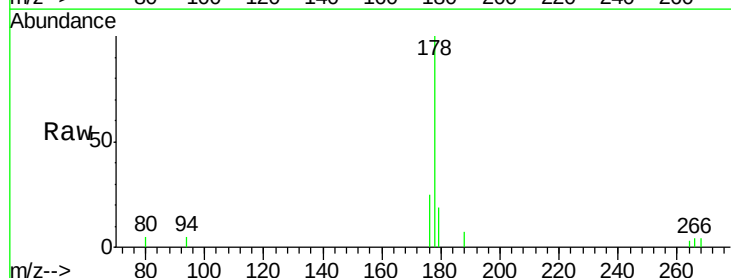
Tgt Ion:178 Resp: 2214

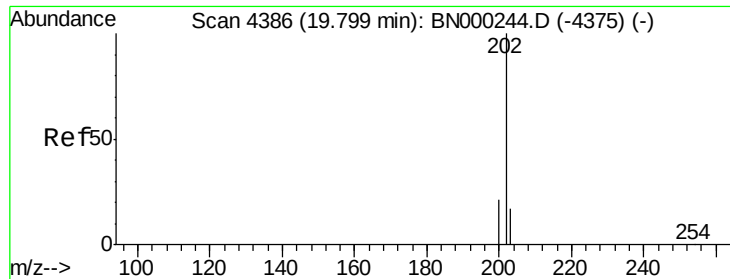
Ion Ratio Lower Upper

178 100

179 19.1 18.1 27.1

176 24.6 14.7 22.1#





#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

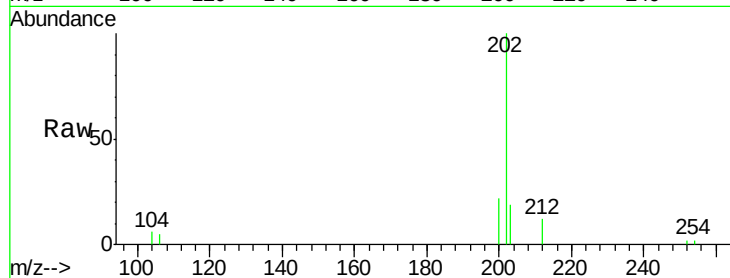
Tgt Ion:202 Resp: 3129

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.3

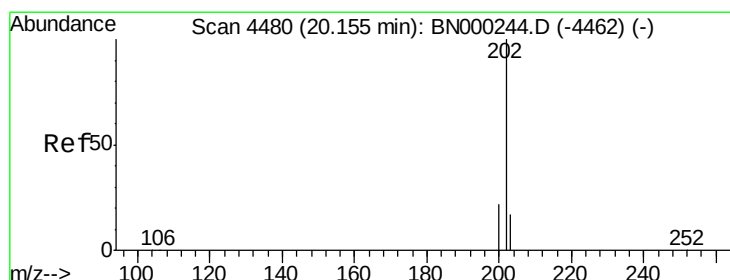
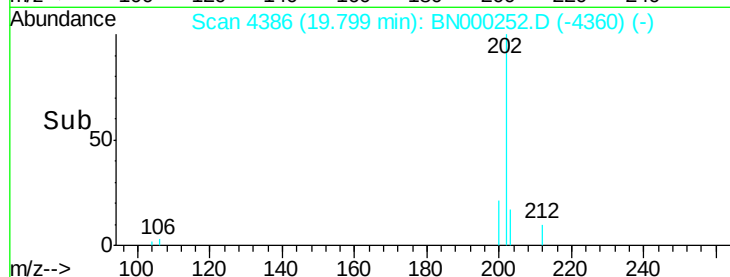
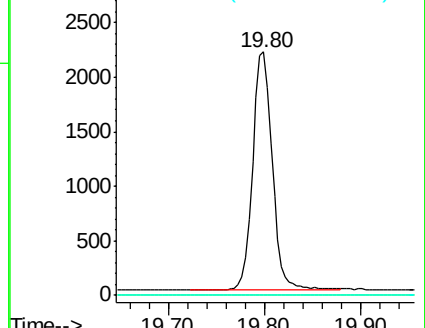
100 0.0 0.0 39.5



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

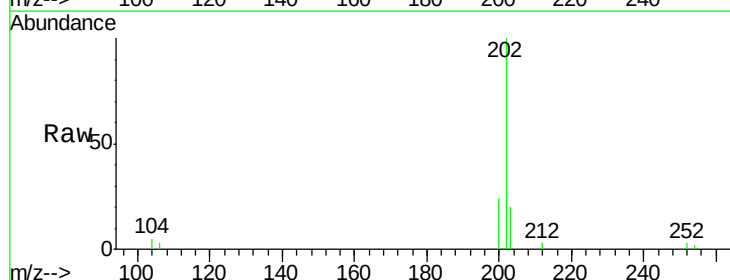
Tgt Ion:202 Resp: 3023

Ion Ratio Lower Upper

202 100

101 0.0 18.2 27.4#

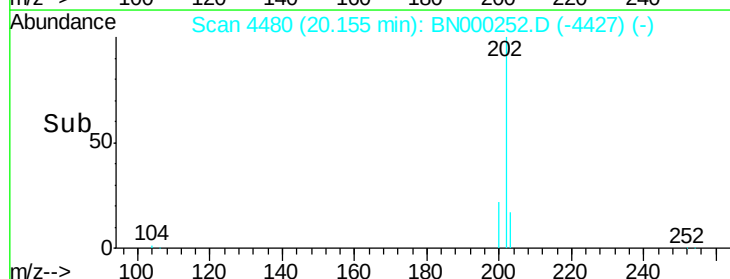
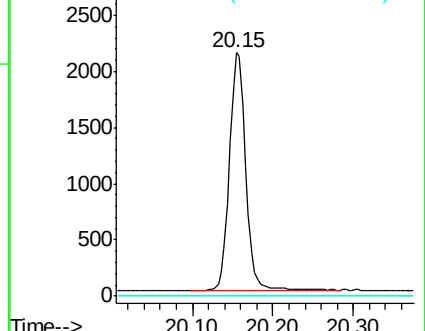
100 0.0 15.6 23.4#

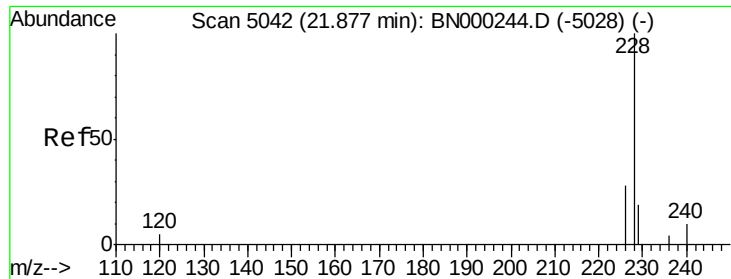


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

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MDL-SIM-S-07

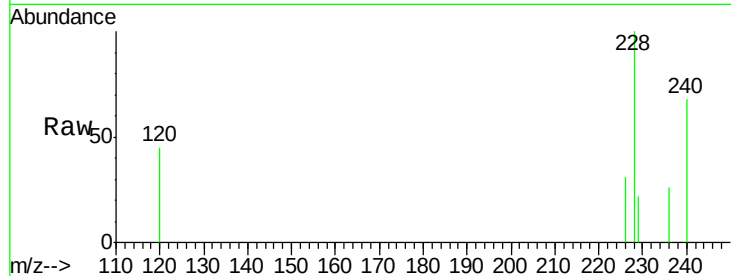
Tgt Ion:228 Resp: 1806

Ion Ratio Lower Upper

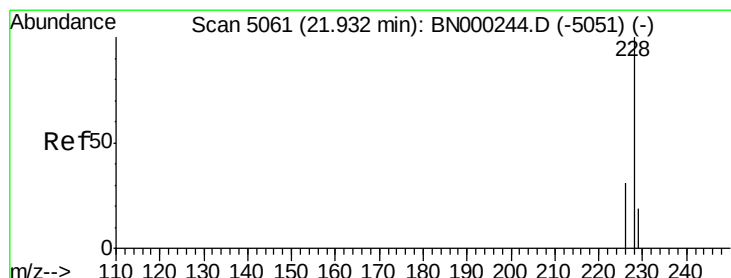
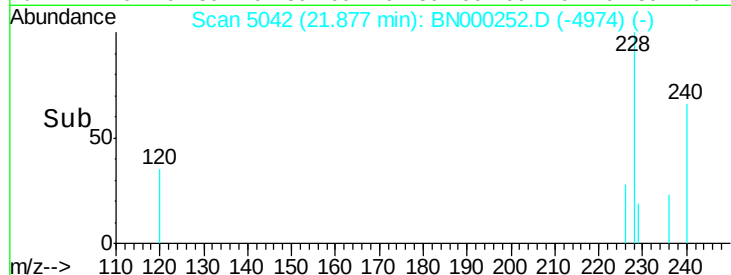
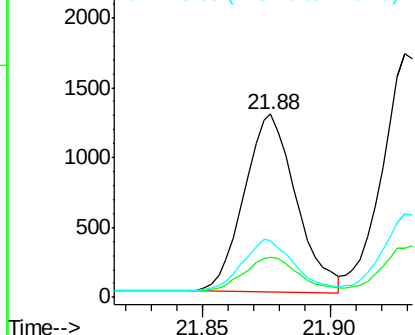
228 100

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

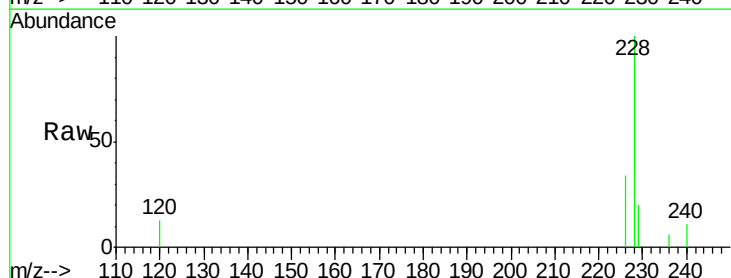
Tgt Ion:228 Resp: 2779

Ion Ratio Lower Upper

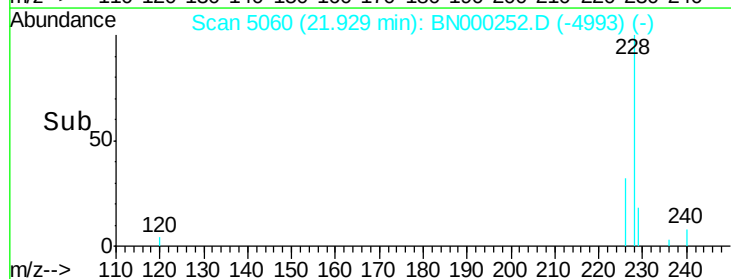
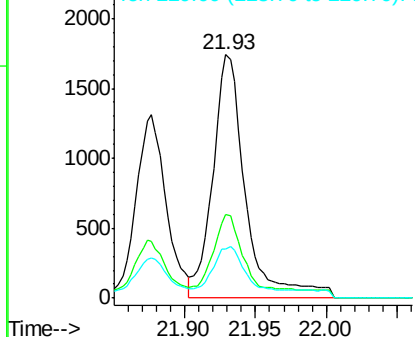
228 100

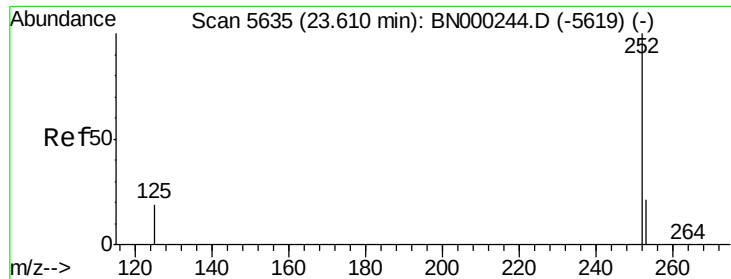
226 34.2 23.4 35.0

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/ul

RT: 23.61 min Scan# 5635

Delta R.T. 0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

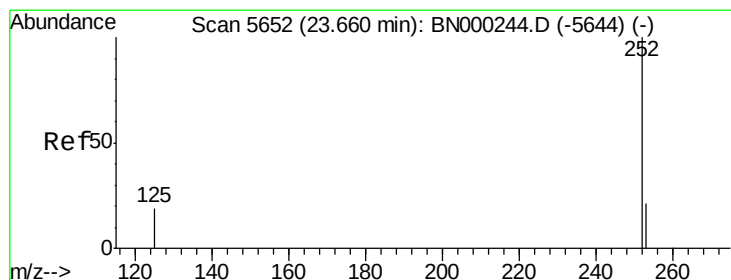
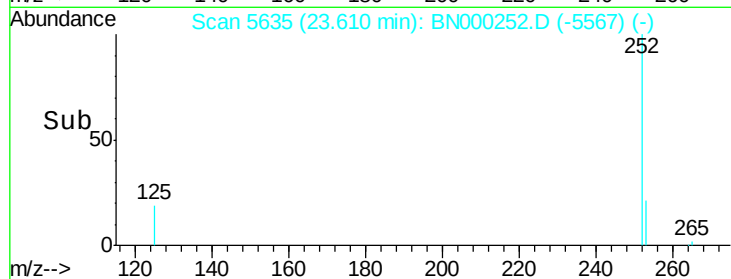
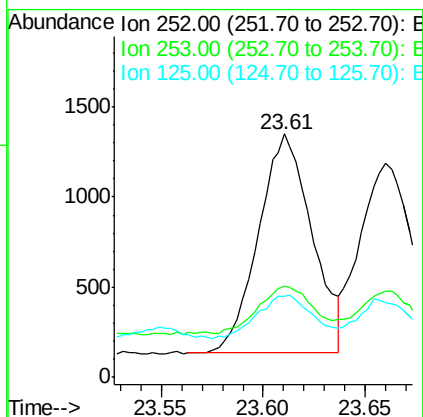
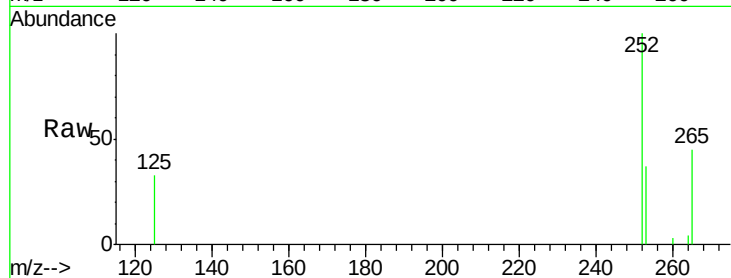
Instrument :

BNA_N

ClientSampleId :

MDL-SIM-S-07

Tgt Ion:	252	Resp:	2235
Ion Ratio	Lower	Upper	
252	100		
253	37.3	0.0	64.2
125	33.2	0.0	35.0



#22

Benzo(k)fluoranthene

Concen: 0.062 ng/ul

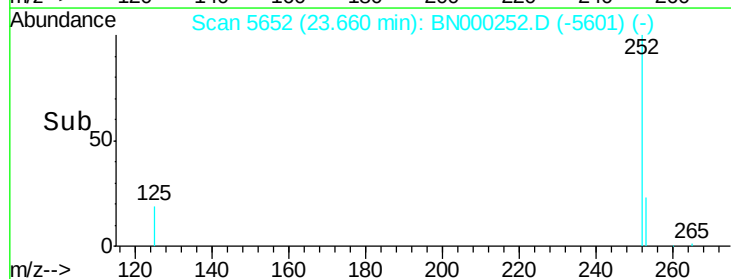
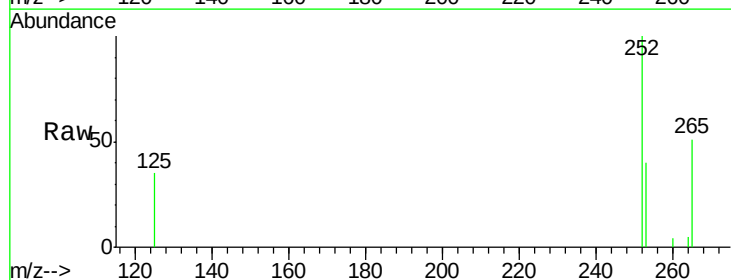
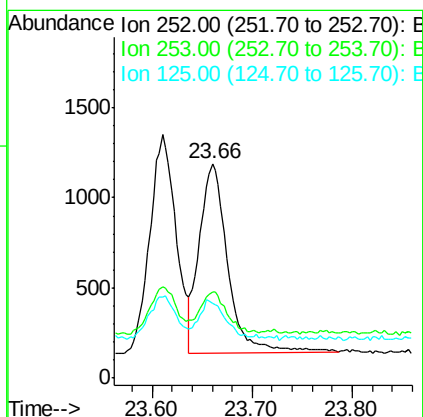
RT: 23.66 min Scan# 5652

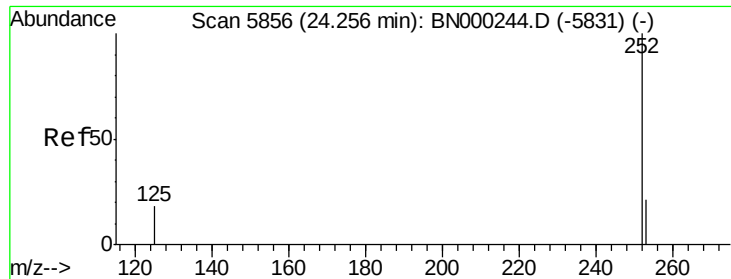
Delta R.T. 0.00 min

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#





#23

Benzo(a)pyrene

Concen: 0.059 ng/ul

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

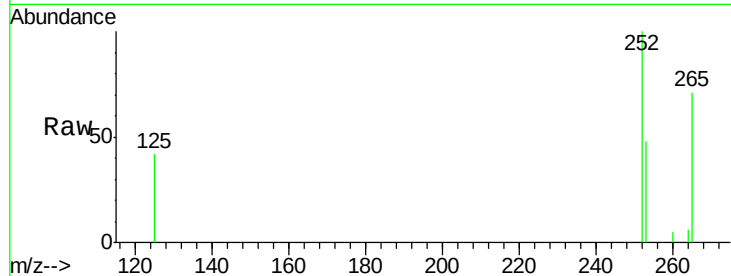
Tgt Ion:252 Resp: 1652

Ion Ratio Lower Upper

252 100

253 47.6 28.5 42.7#

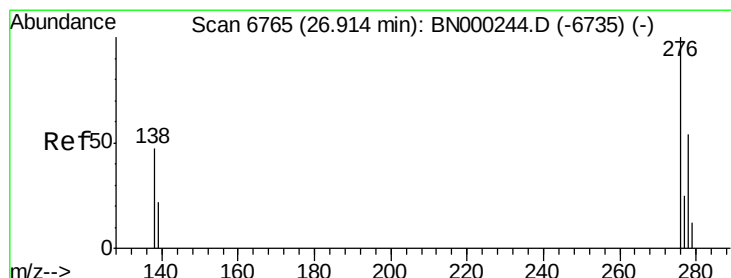
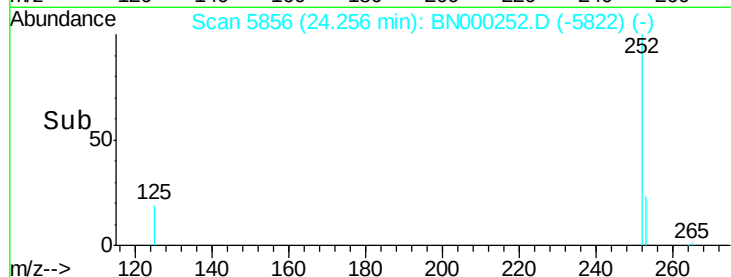
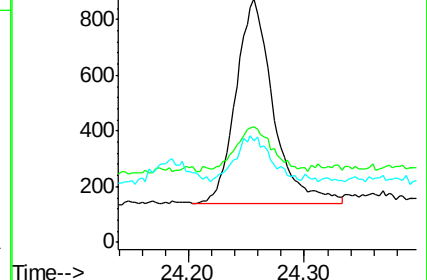
125 41.6 18.1 27.1#



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: 0.057 ng/ul

RT: 26.92 min Scan# 6766

Delta R.T. 0.00 min

Lab File: BN000252.D

Acq: 05 Mar 2018 19:10

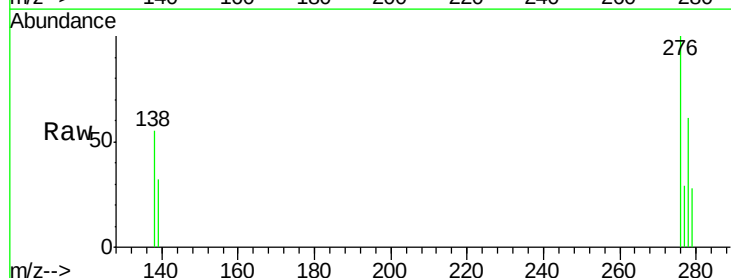
Tgt Ion:276 Resp: 1790

Ion Ratio Lower Upper

276 100

138 49.3 28.0 42.0#

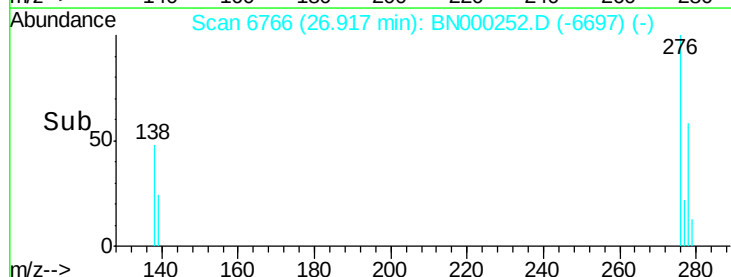
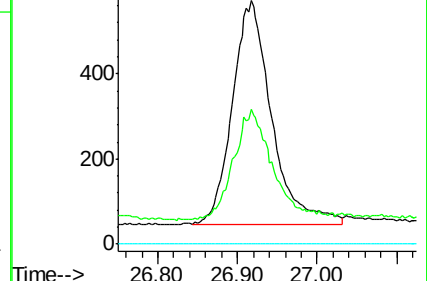
227 0.0 8.0 12.0#

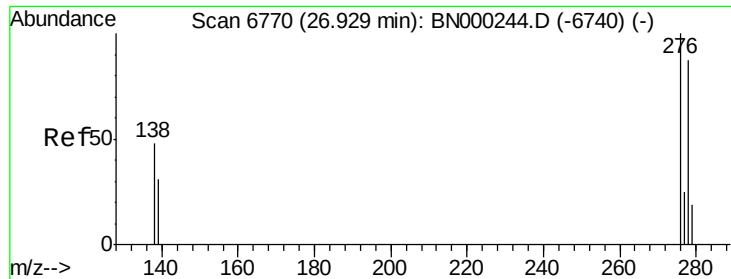


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

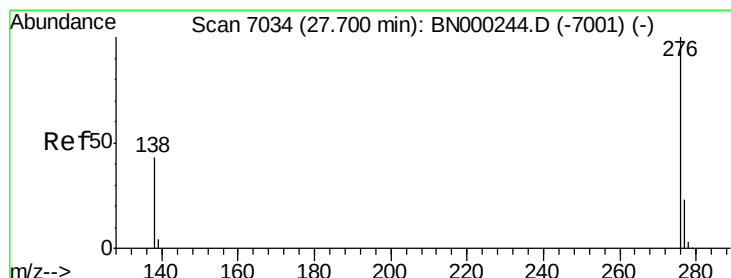
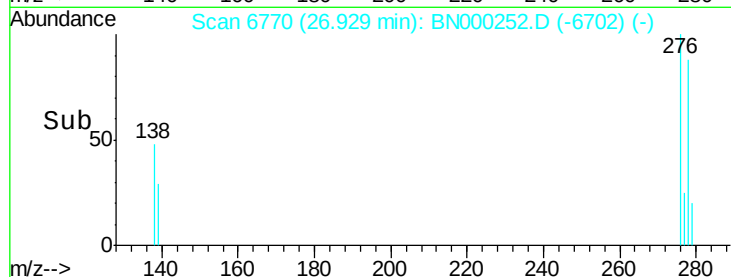
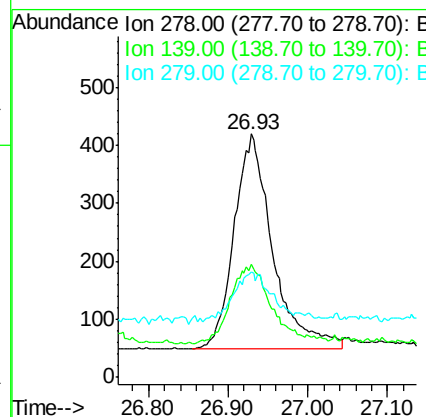
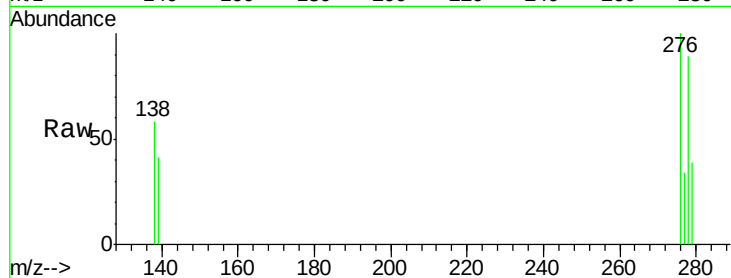




#25
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 26.93 min Scan# 6770
Delta R.T. 0.00 min
Lab File: BN000252.D
Acq: 05 Mar 2018 19:10

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

Tgt Ion: 278 Resp: 1257
Ion Ratio Lower Upper
278 100
139 46.4 17.4 26.0#
279 43.3 25.9 38.9#



#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#

