

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN030518\
 Data File : BN000246.D
 Acq On : 05 Mar 2018 15:43
 Operator : JU/SJ
 Sample : MDL-SIM-S-01
 Misc : 0.07 PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SIM-S-01

Quant Time: Mar 05 16:18:01 2018
 Quant Method : Z:\HPCHEM1\BNA_N\Methods\SOM-EPA-SIM-BN030218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 15:16:04 2018
 Response via : Initial Calibration

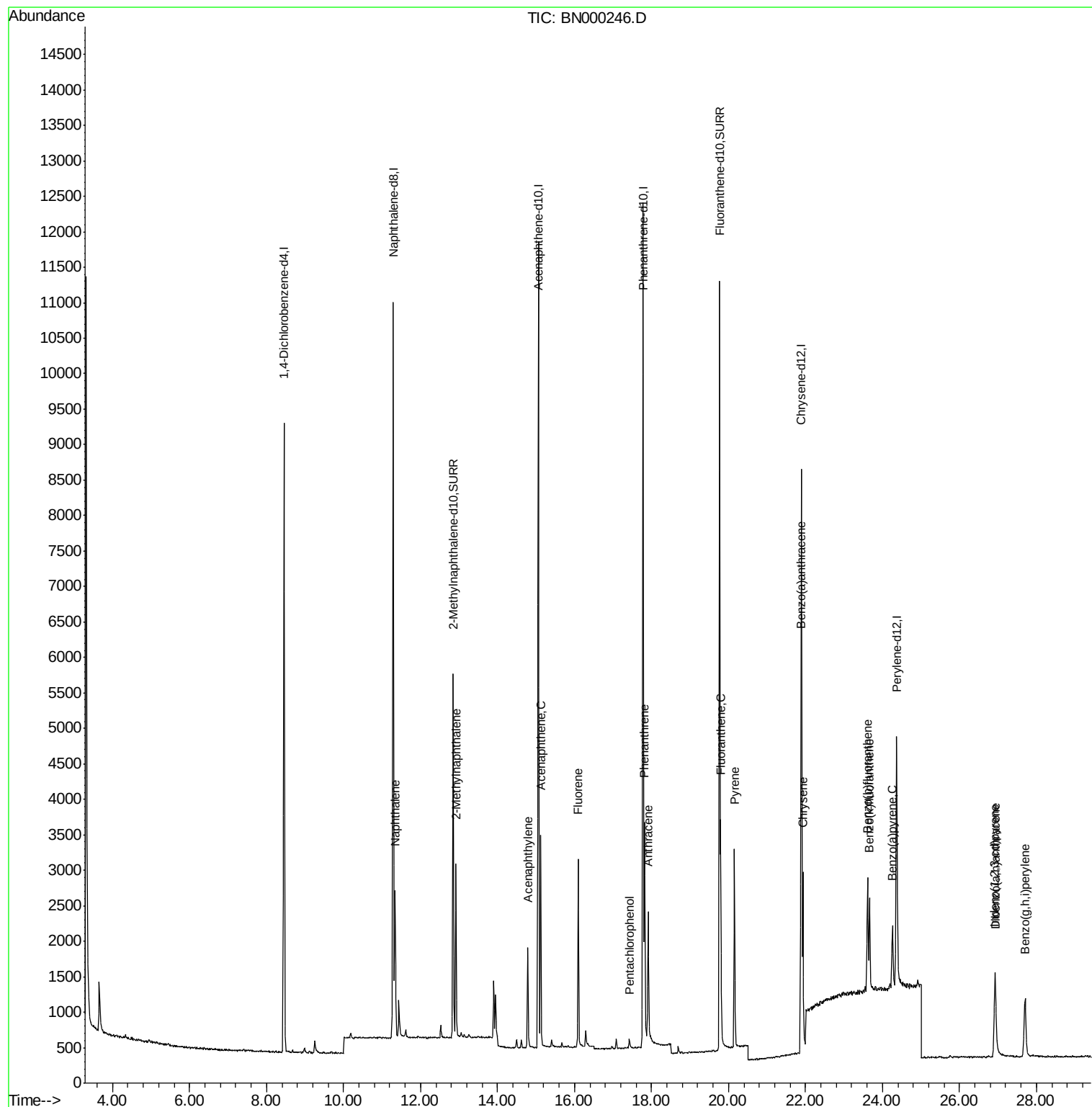
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	4556	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	14451	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	6028	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.78	188	13231	0.40	ng/ul	0.00
16) Chrysene-d12	21.89	240	7094	0.40	ng/ul	0.00
20) Perylene-d12	24.37	264	5575	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.85	152	6765	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.77	212	10673	0.35	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.34	128	2867	0.062	ng/ul#	91
5) 2-Methylnaphthalene	12.92	142	1720	0.059	ng/ul	99
7) Acenaphthylene	14.79	152	1785	0.060	ng/ul	98
8) Acenaphthene	15.12	153	1733	0.060	ng/ul	94
9) Fluorene	16.10	166	1819	0.058	ng/ul	91
11) Pentachlorophenol	17.42	266	111	0.042	ng/ul	97
12) Phenanthrene	17.82	178	3185	0.059	ng/ul#	89
13) Anthracene	17.91	178	2178	0.054	ng/ul#	92
15) Fluoranthene	19.80	202	2995	0.057	ng/ul	62
17) Pyrene	20.15	202	2882	0.069	ng/ul#	55
18) Benzo(a)anthracene	21.87	228	1672	0.060	ng/ul#	84
19) Chrysene	21.93	228	2613	0.069	ng/ul	95
21) Benzo(b)fluoranthene	23.61	252	2055	0.061	ng/ul	81
22) Benzo(k)fluoranthene	23.66	252	1880	0.059	ng/ul#	69
23) Benzo(a)pyrene	24.26	252	1486	0.057	ng/ul#	69
24) Indeno(1,2,3-cd)pyrene	26.92	276	1664	0.056	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.93	278	1060	0.050	ng/ul#	64
26) Benzo(g,h,i)perylene	27.70	276	1723	0.059	ng/ul#	72

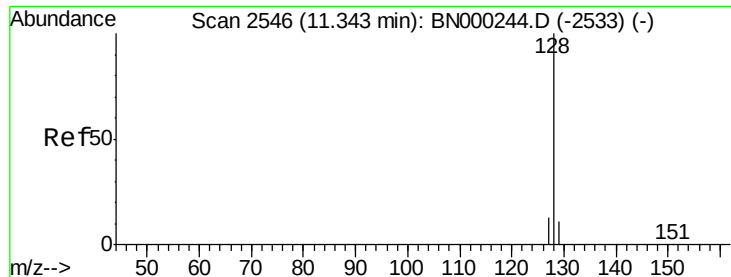
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.062 ng/ul

RT: 11.34 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BN000246.D

Acq: 05 Mar 2018 15:43

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-S-01

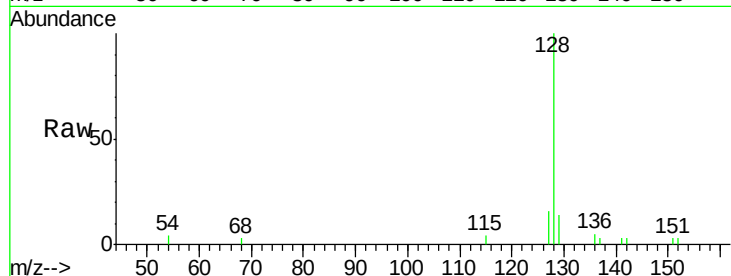
Tgt Ion:128 Resp: 2867

Ion Ratio Lower Upper

128 100

129 13.5 11.3 16.9

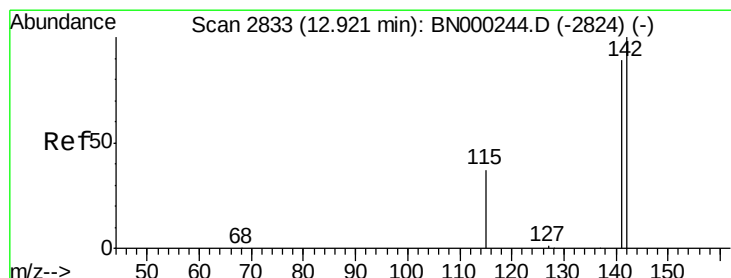
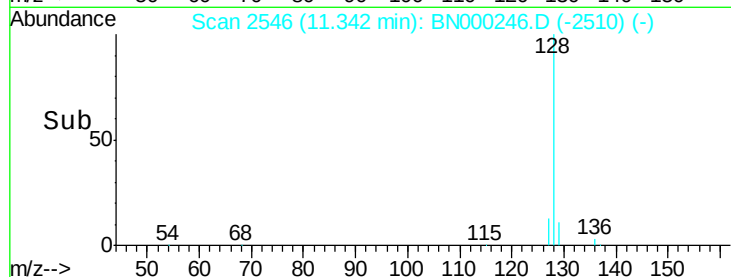
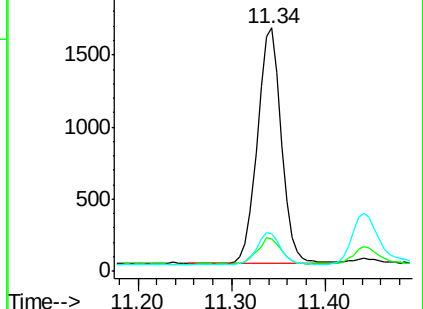
127 15.6 4.0 6.0#



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: 0.059 ng/ul

RT: 12.92 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BN000246.D

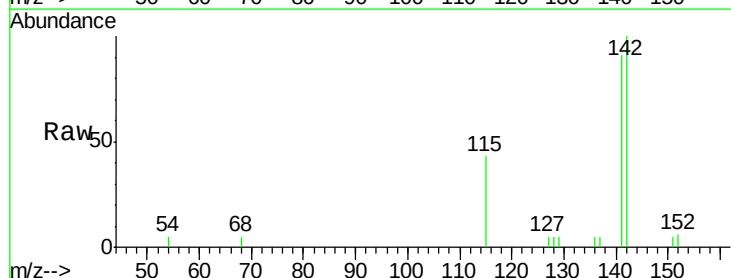
Acq: 05 Mar 2018 15:43

Tgt Ion:142 Resp: 1720

Ion Ratio Lower Upper

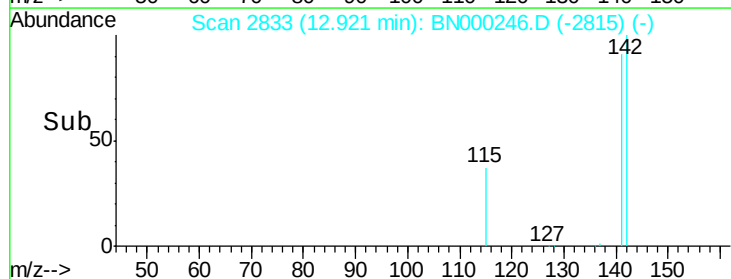
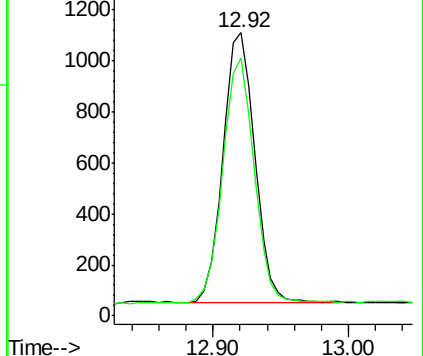
142 100

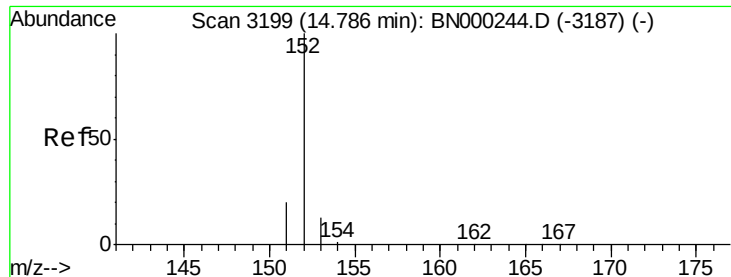
141 89.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.060 ng/ul

RT: 14.79 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BN000246.D

Acq: 05 Mar 2018 15:43

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-S-01

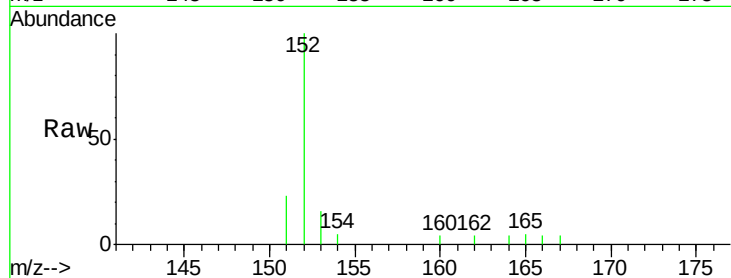
Tgt Ion:152 Resp: 1785

Ion Ratio Lower Upper

152 100

151 23.0 17.1 25.7

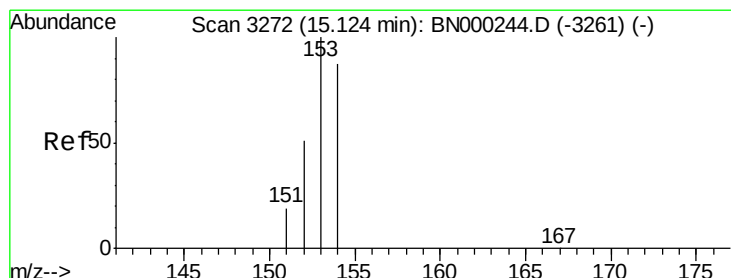
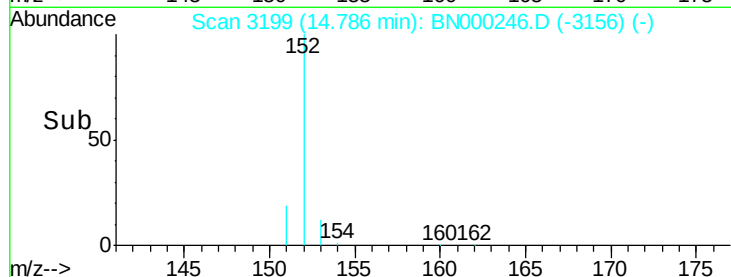
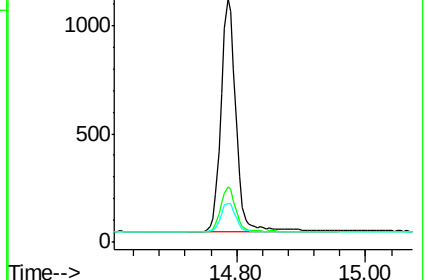
153 15.9 12.8 19.2



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: 0.060 ng/ul

RT: 15.12 min Scan# 3272

Delta R.T. 0.00 min

Lab File: BN000246.D

Acq: 05 Mar 2018 15:43

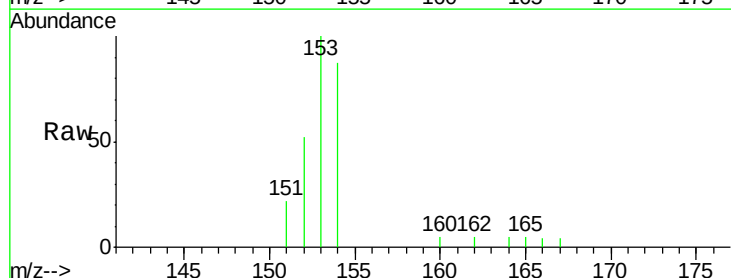
Tgt Ion:153 Resp: 1733

Ion Ratio Lower Upper

153 100

152 52.3 36.0 54.0

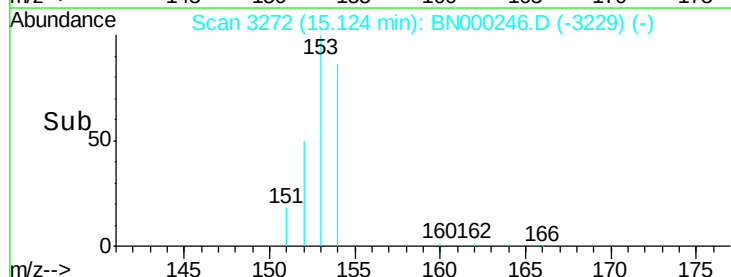
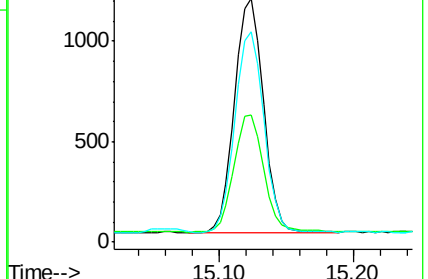
154 86.6 72.0 108.0

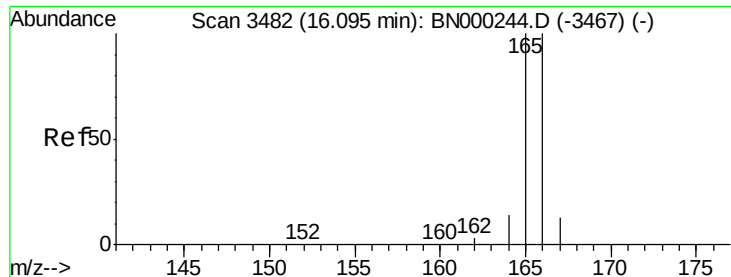


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

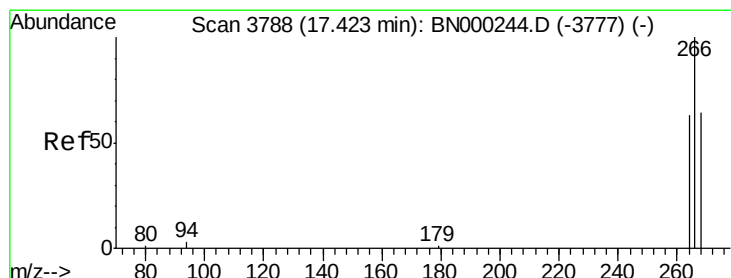
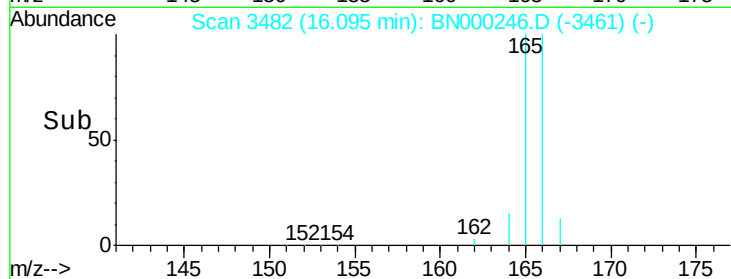
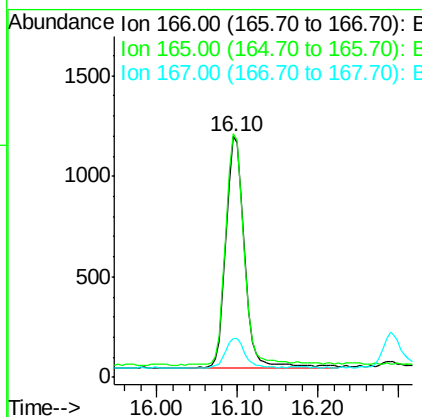
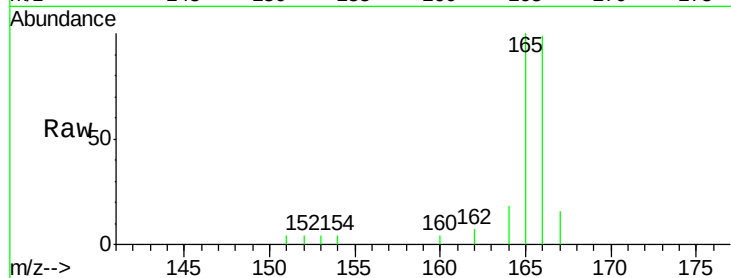




#9
Fluorene
 Concen: 0.058 ng/ul
 RT: 16.10 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: BN000246.D
 Acq: 05 Mar 2018 15:43

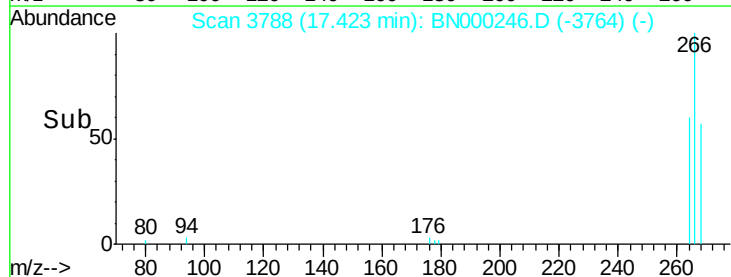
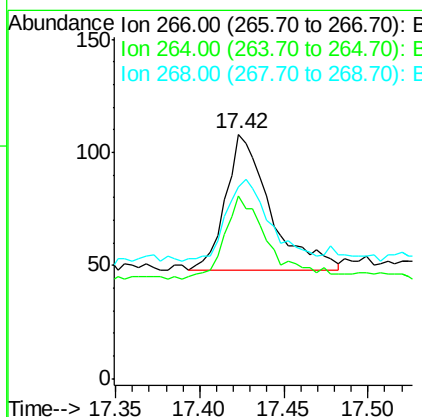
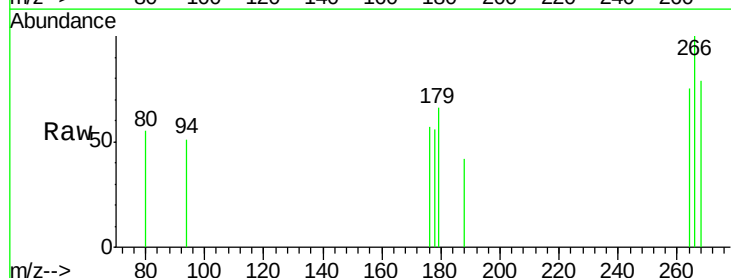
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SIM-S-01

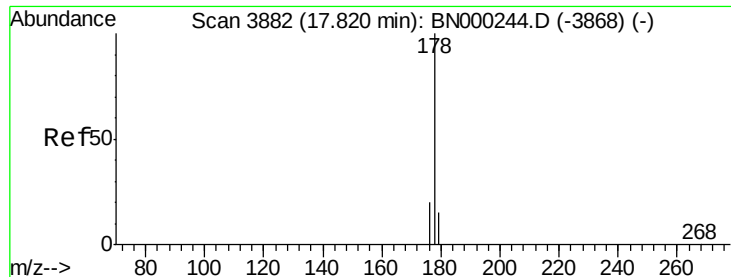
Tgt Ion:166 Resp: 1819
 Ion Ratio Lower Upper
 166 100
 165 101.2 73.4 110.2
 167 16.4 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.042 ng/ul
 RT: 17.42 min Scan# 3788
 Delta R.T. -0.00 min
 Lab File: BN000246.D
 Acq: 05 Mar 2018 15:43

Tgt Ion:266 Resp: 111
 Ion Ratio Lower Upper
 266 100
 264 61.3 47.9 71.9
 268 58.6 49.8 74.8





#12

Phenanthrene

Concen: 0.059 ng/ul

RT: 17.82 min Scan# 3882

Delta R.T. -0.00 min

Lab File: BN000246.D

Acq: 05 Mar 2018 15:43

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-S-01

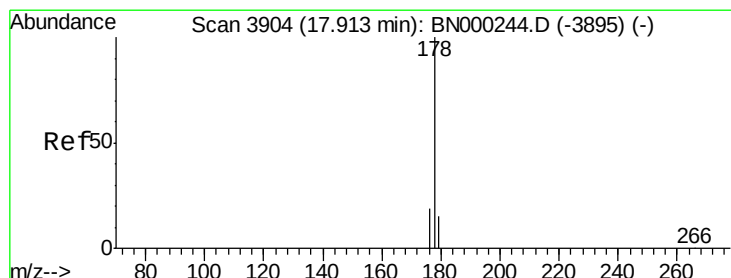
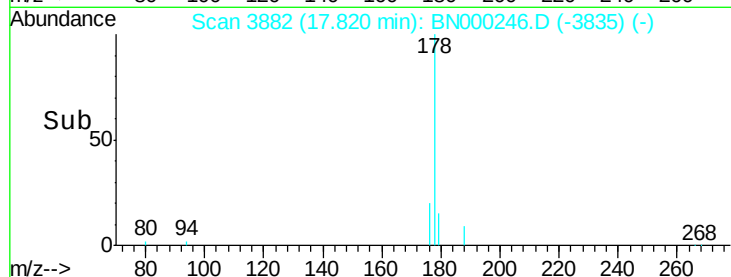
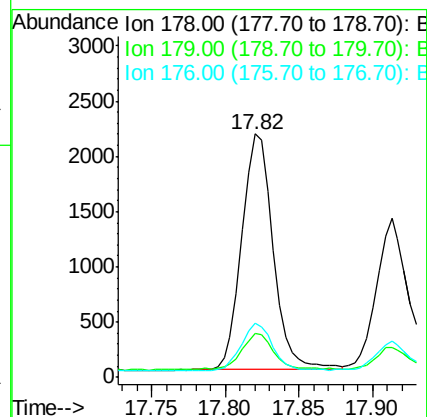
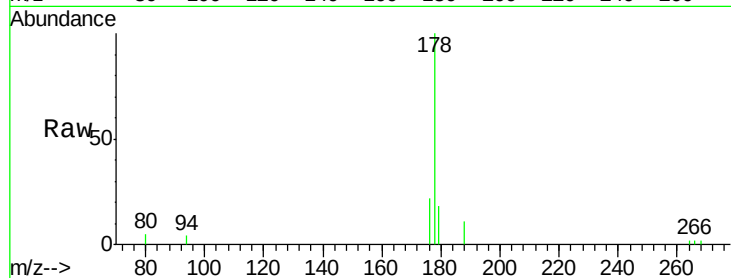
Tgt Ion:178 Resp: 3185

Ion Ratio Lower Upper

178 100

179 18.0 18.4 27.6#

176 22.1 13.6 20.4#



#13

Anthracene

Concen: 0.054 ng/ul

RT: 17.91 min Scan# 3904

Delta R.T. -0.00 min

Lab File: BN000246.D

Acq: 05 Mar 2018 15:43

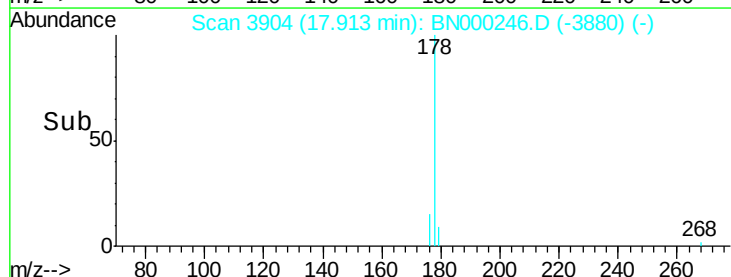
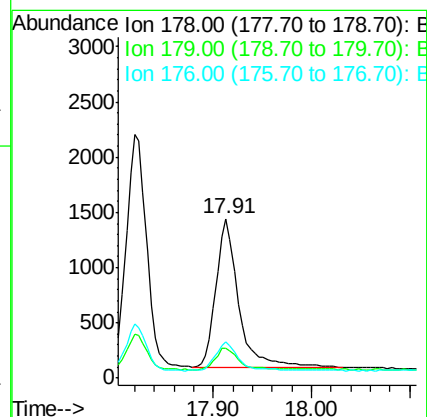
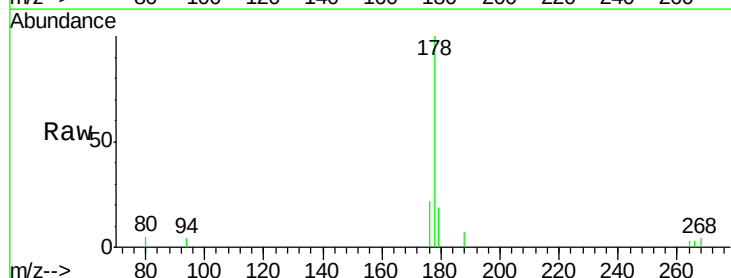
Tgt Ion:178 Resp: 2178

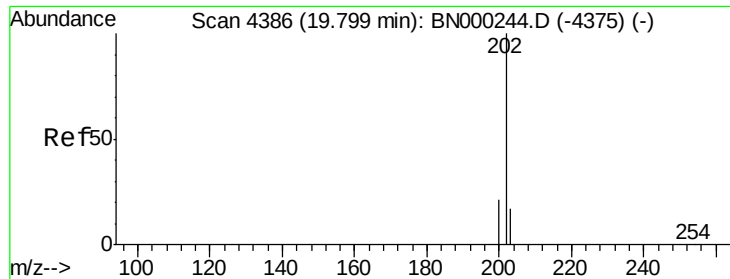
Ion Ratio Lower Upper

178 100

179 18.8 18.1 27.1

176 22.4 14.7 22.1#





#15

Fluoranthene

Concen: 0.057 ng/ul

RT: 19.80 min Scan# 4386

Delta R.T. -0.00 min

Lab File: BN000246.D

Acq: 05 Mar 2018 15:43

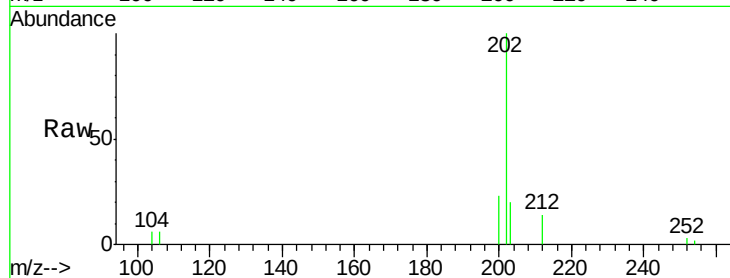
Instrument :

BNA_N

ClientSampleId :

MDL-SIM-S-01

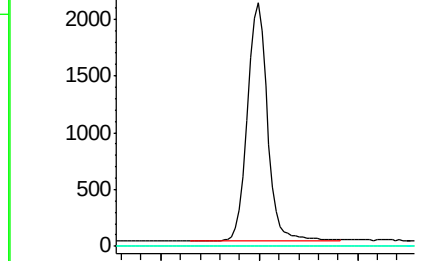
Tgt Ion:	202	Resp:	2995
Ion Ratio	Lower	Upper	
202	100		
101	0.0	0.0	30.3
100	0.0	0.0	39.5



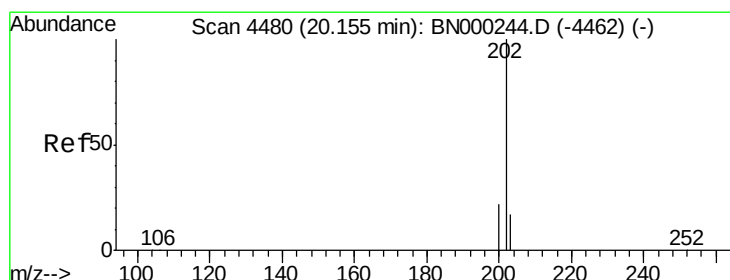
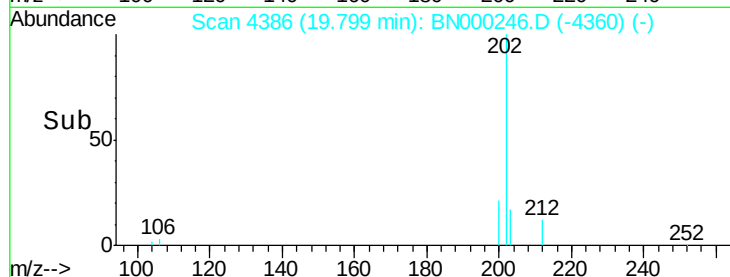
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#17

Pyrene

Concen: 0.069 ng/ul

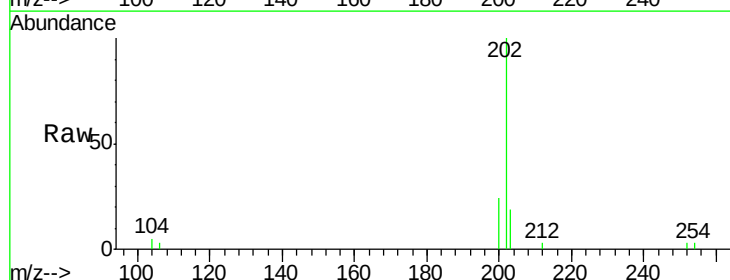
RT: 20.15 min Scan# 4480

Delta R.T. -0.00 min

Lab File: BN000246.D

Acq: 05 Mar 2018 15:43

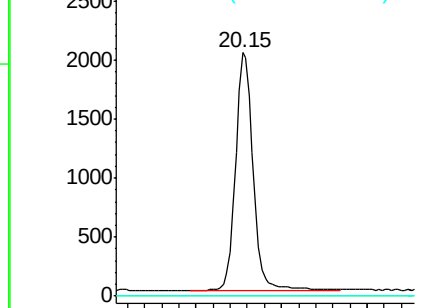
Tgt Ion:	202	Resp:	2882
Ion Ratio	Lower	Upper	
202	100		
101	0.0	18.2	27.4#
100	0.0	15.6	23.4#



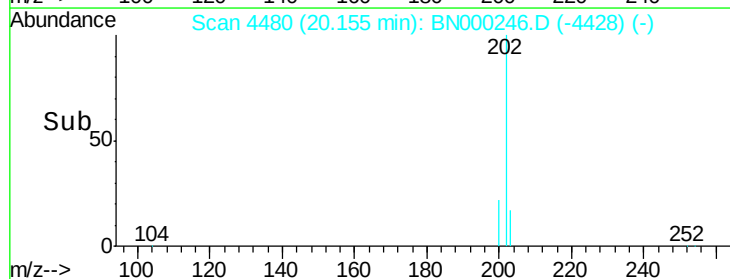
Abundance Ion 202.00 (201.70 to 202.70): E

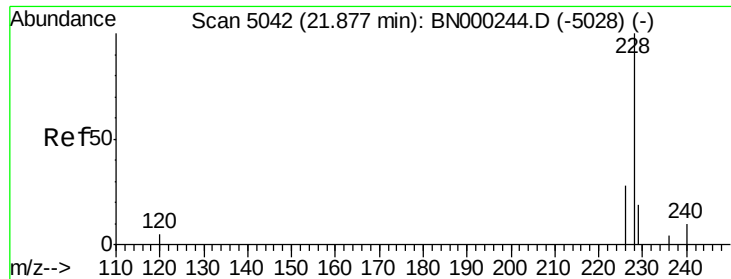
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#18

Benzo(a)anthracene

Concen: 0.060 ng/ul

RT: 21.87 min Scan# 5041

Delta R.T. -0.01 min

Lab File: BN000246.D

Acq: 05 Mar 2018 15:43

Instrument :

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MDL-SIM-S-01

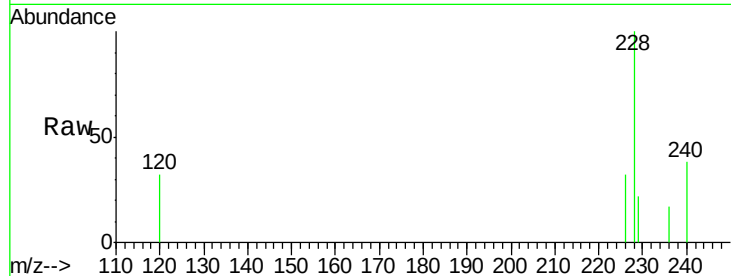
Tgt Ion:228 Resp: 1672

Ion Ratio Lower Upper

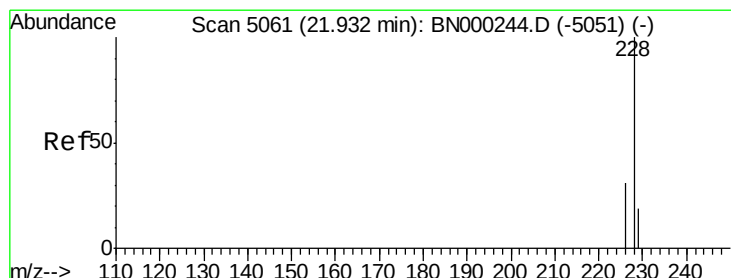
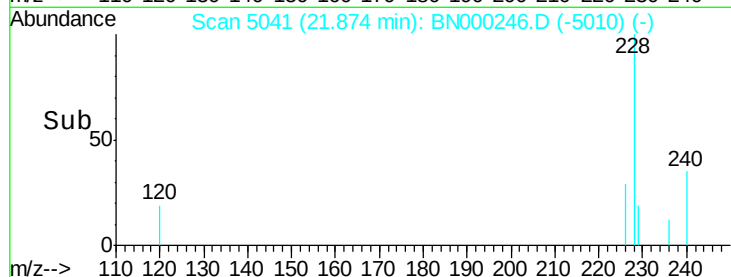
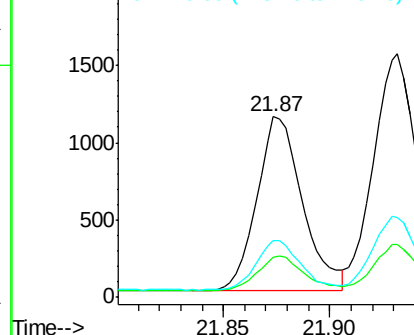
228 100

229 22.1 22.8 34.2#

226 31.6 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: 0.069 ng/ul

RT: 21.93 min Scan# 5061

Delta R.T. -0.00 min

Lab File: BN000246.D

Acq: 05 Mar 2018 15:43

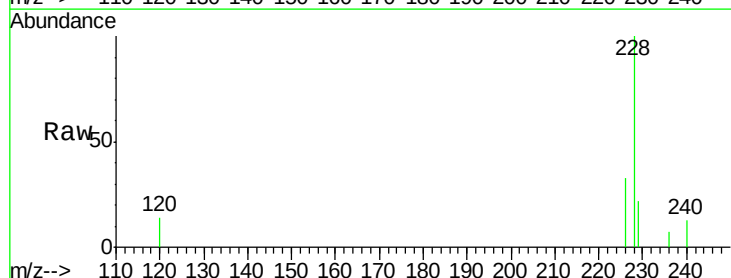
Tgt Ion:228 Resp: 2613

Ion Ratio Lower Upper

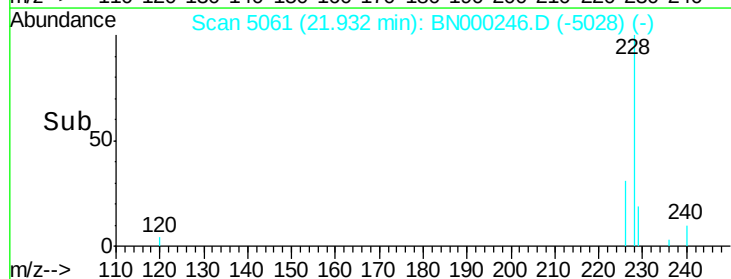
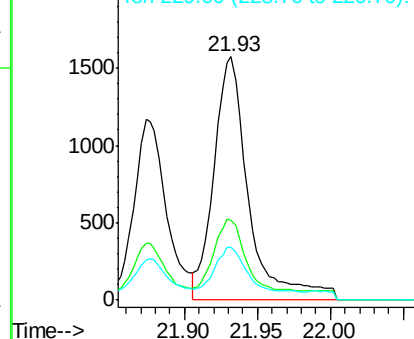
228 100

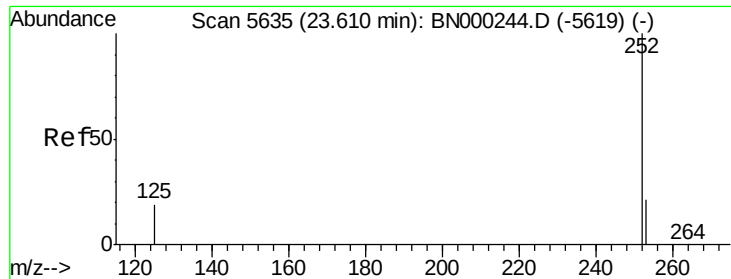
226 33.0 23.4 35.0

229 21.6 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: 0.061 ng/ul

RT: 23.61 min Scan# 5635

Delta R.T. -0.01 min

Lab File: BN000246.D

Acq: 05 Mar 2018 15:43

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-S-01

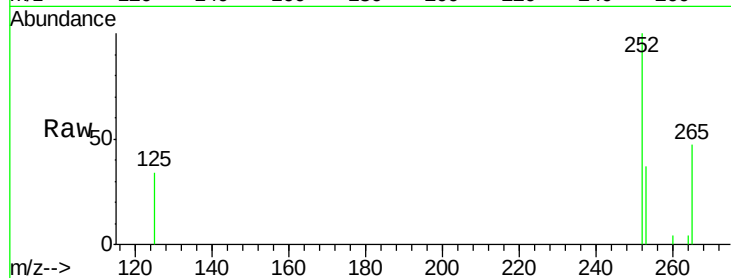
Tgt Ion:252 Resp: 2055

Ion Ratio Lower Upper

252 100

253 37.2 0.0 64.2

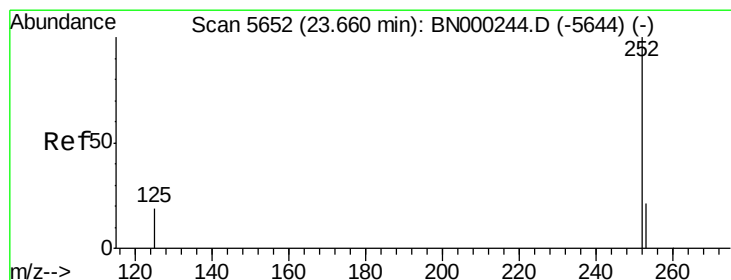
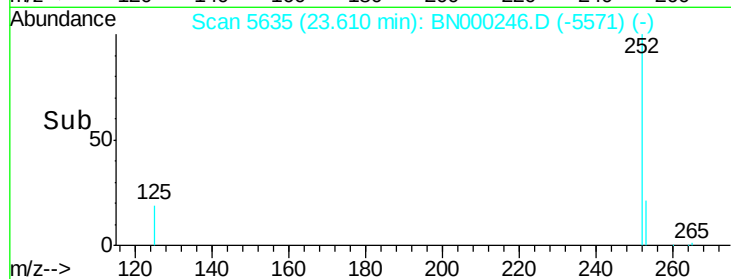
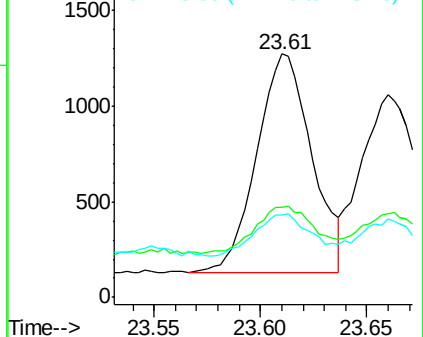
125 34.1 0.0 35.0



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: 0.059 ng/ul

RT: 23.66 min Scan# 5652

Delta R.T. -0.01 min

Lab File: BN000246.D

Acq: 05 Mar 2018 15:43

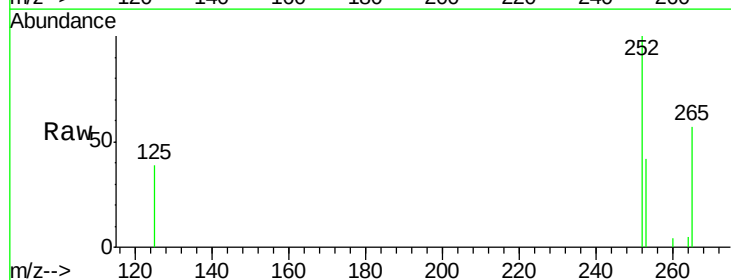
Tgt Ion:252 Resp: 1880

Ion Ratio Lower Upper

252 100

253 41.6 24.5 36.7#

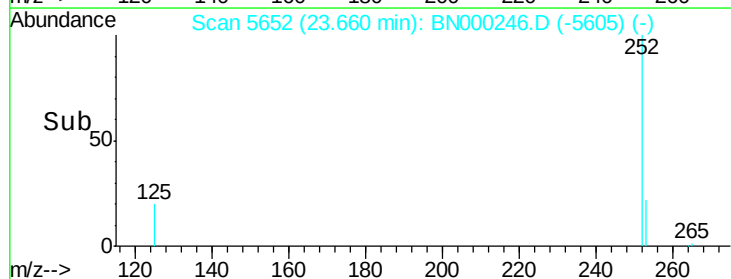
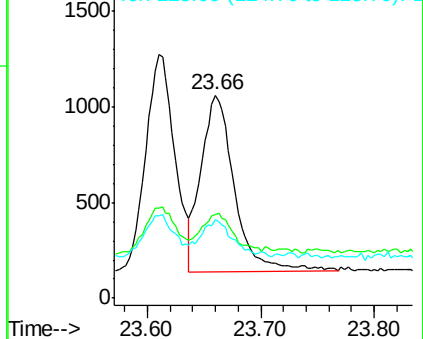
125 38.5 13.7 20.5#

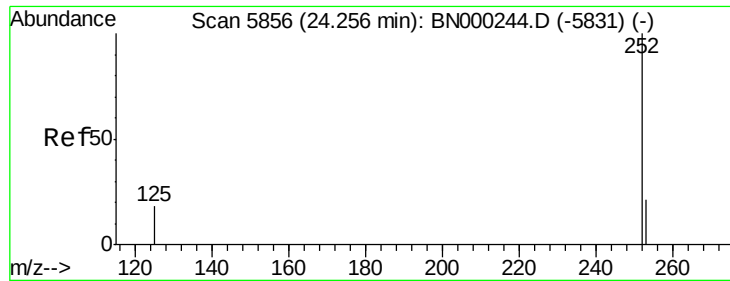


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.057 ng/ul

RT: 24.26 min Scan# 5856

Delta R.T. -0.01 min

Lab File: BN000246.D

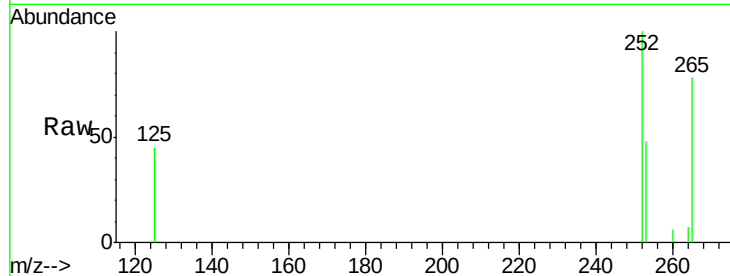
Acq: 05 Mar 2018 15:43

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-S-01



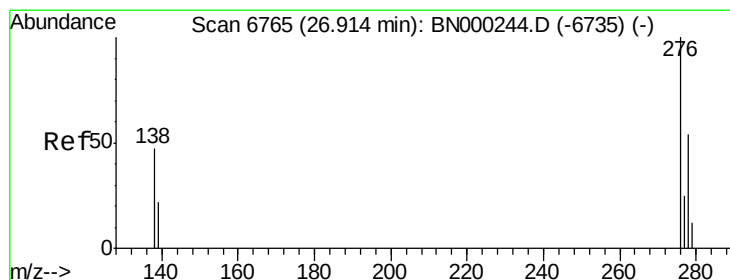
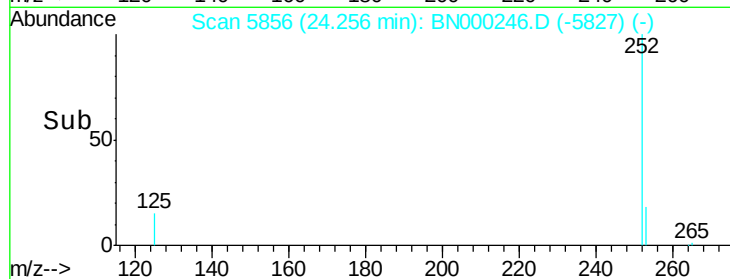
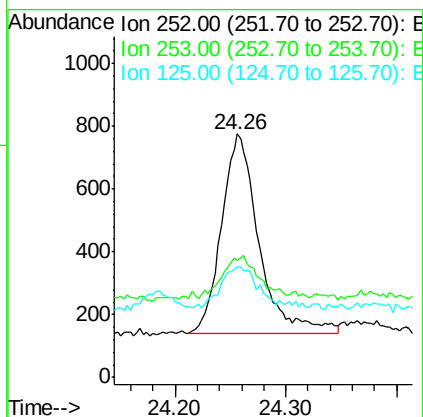
Tgt Ion:252 Resp: 1486

Ion Ratio Lower Upper

252 100

253 47.9 28.5 42.7#

125 45.4 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.056 ng/ul

RT: 26.92 min Scan# 6766

Delta R.T. -0.02 min

Lab File: BN000246.D

Acq: 05 Mar 2018 15:43

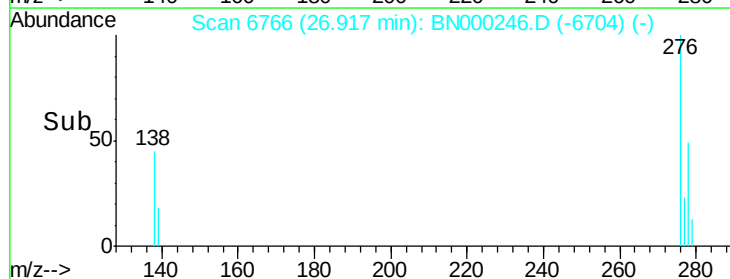
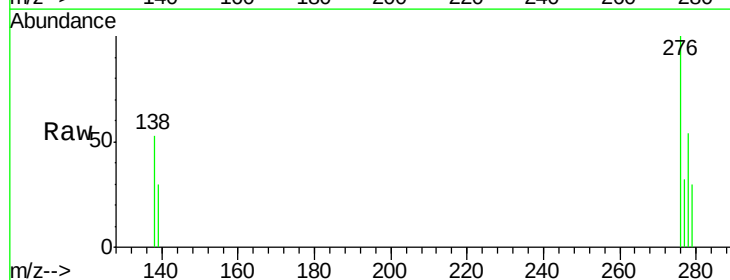
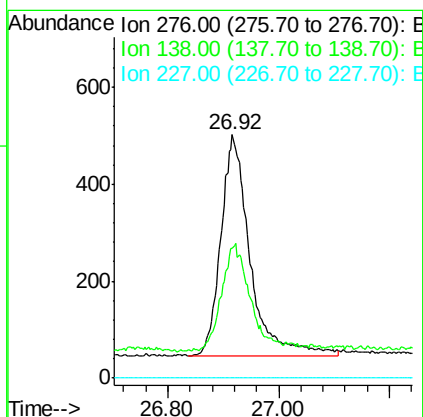
Tgt Ion:276 Resp: 1664

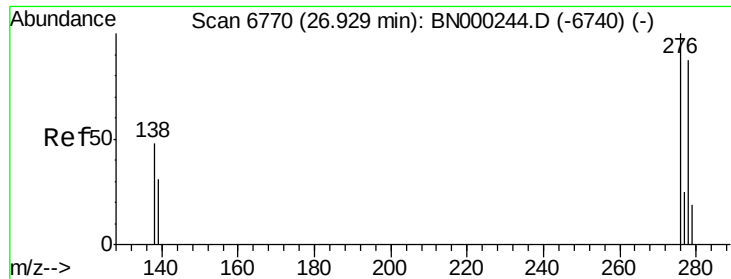
Ion Ratio Lower Upper

276 100

138 46.8 28.0 42.0#

227 0.0 8.0 12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.050 ng/ul

RT: 26.93 min Scan# 6772

Delta R.T. -0.01 min

Lab File: BN000246.D

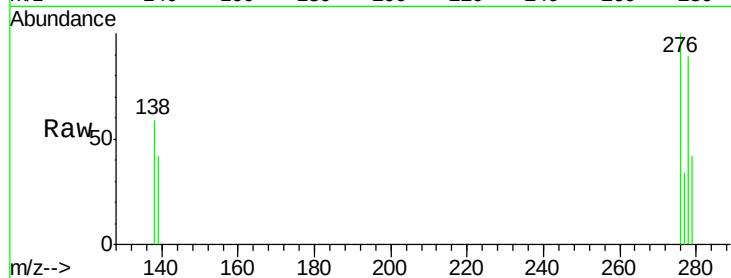
Acq: 05 Mar 2018 15:43

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-S-01



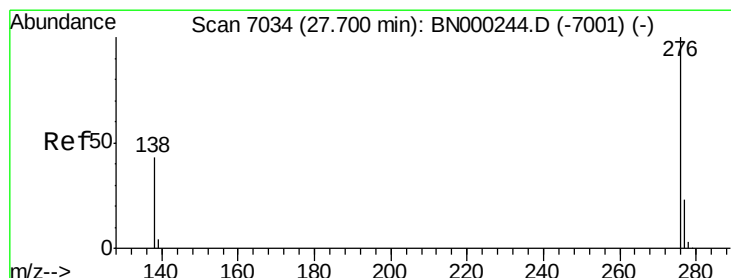
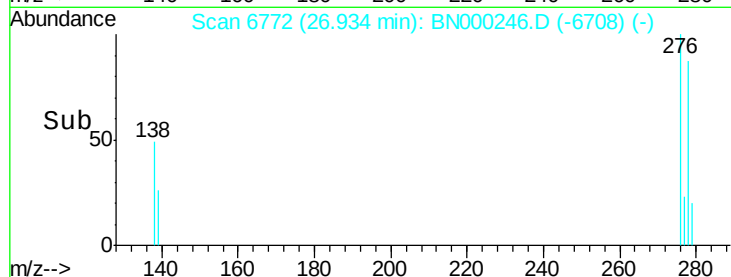
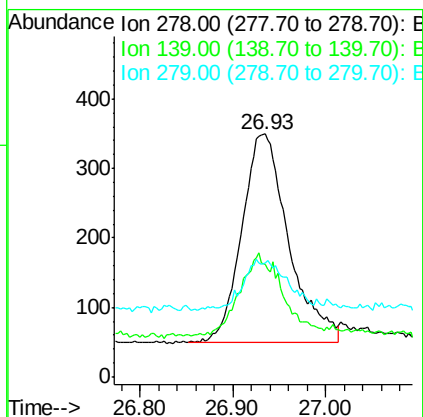
Tgt Ion:278 Resp: 1060

Ion Ratio Lower Upper

278 100

139 46.6 17.4 26.0#

279 46.9 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 0.059 ng/ul

RT: 27.70 min Scan# 7035

Delta R.T. -0.02 min

Lab File: BN000246.D

Acq: 05 Mar 2018 15:43

Tgt Ion:276 Resp: 1723

Ion Ratio Lower Upper

276 100

138 50.5 21.8 32.8#

277 30.6 20.5 30.7

