

Data File : BN003974.D
Acq On : 16 Dec 2018 00:33
Operator : JU/SJ
Sample : J6171-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y27

Quant Time: Dec 16 02:05:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1783	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8903	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6005	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	686470	0.40	ng/ul	0.10
16) Chrysene-d12	21.50	240	290	0.40	ng/ul	0.10
20) Perylene-d12	23.83	264	343	0.40	ng/ul	0.11

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3455	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	202	0.00	ng/ul	0.09

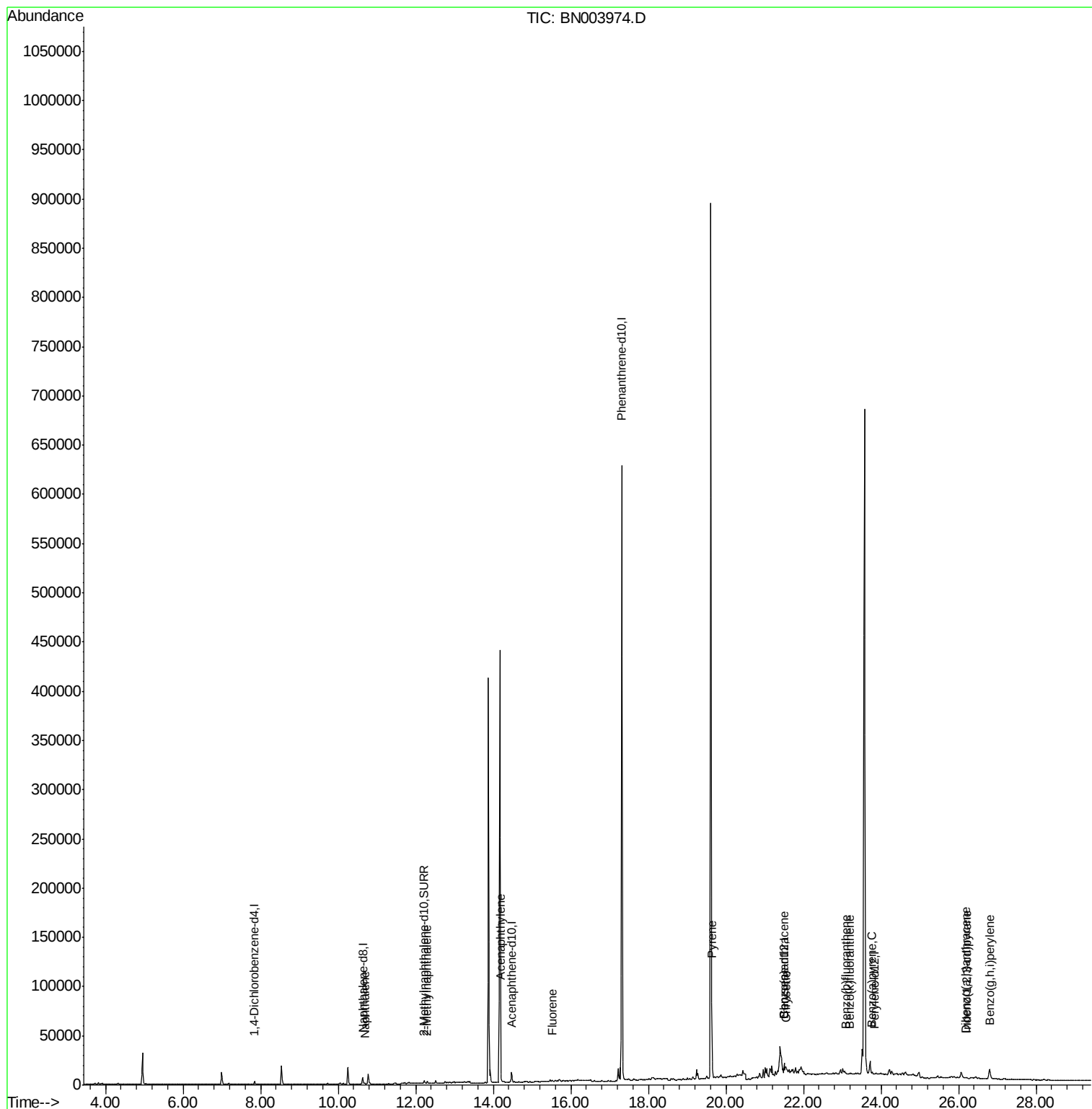
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	1672	0.067	ng/ul#	79
5) 2-Methylnaphthalene	12.29	142	1700	0.097	ng/ul	98
7) Acenaphthylene	14.20	152	1104	0.041	ng/ul#	16
9) Fluorene	15.52	166	907	0.033	ng/ul#	56
17) Pyrene	19.64	202	28039	26.958	ng/ul	96
18) Benzo(a)anthracene	21.50	228	1775	1.938	ng/ul#	1
19) Chrysene	21.55	228	4849	4.626	ng/ul#	1
21) Benzo(b)fluoranthene	23.09	252	362	0.255	ng/ul#	1
22) Benzo(k)fluoranthene	23.19	252	1163	0.841	ng/ul#	1
23) Benzo(a)pyrene	23.76	252	1605	1.306	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.20	276	328	0.233	ng/ul#	8
25) Dibenzo(a,h)anthracene	26.18	278	768	0.677	ng/ul#	1
26) Benzo(g,h,i)perylene	26.80	276	20049	16.372	ng/ul#	80

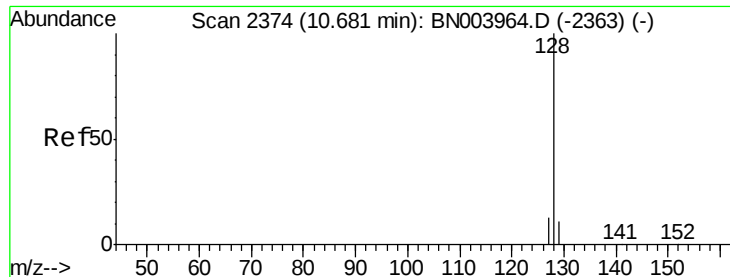
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.067 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BN003974.D

Acq: 16 Dec 2018 00:33

Instrument :

BNA_N

ClientSampleId :

F9Y27

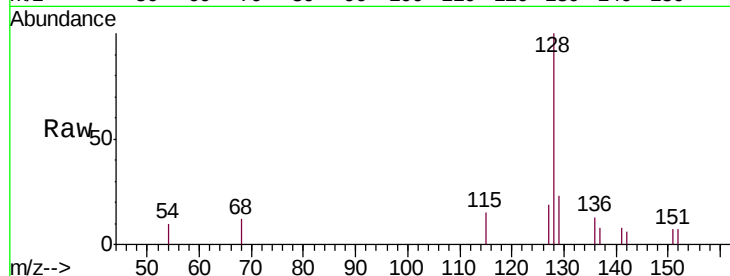
Tgt Ion:128 Resp: 1672

Ion Ratio Lower Upper

128 100

129 22.6 9.0 13.6#

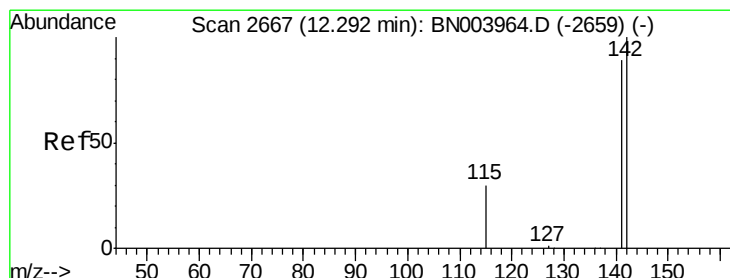
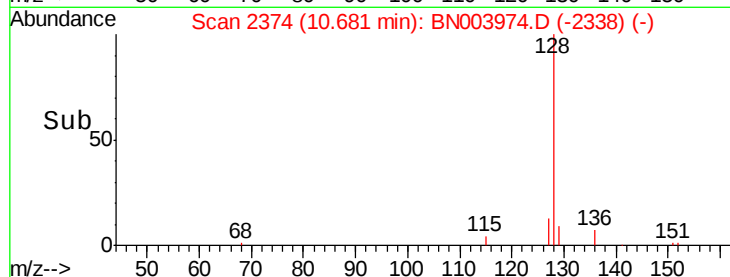
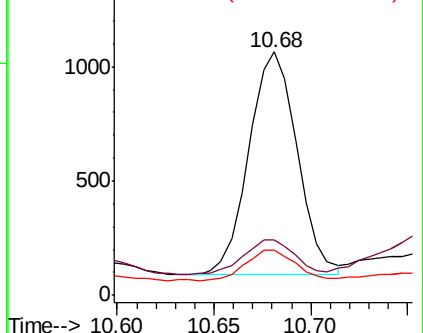
127 18.6 10.5 15.7#



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: 0.097 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN003974.D

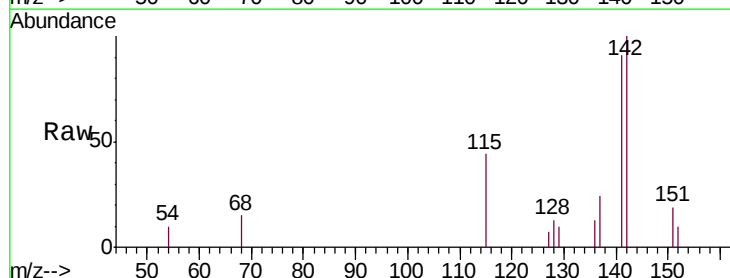
Acq: 16 Dec 2018 00:33

Tgt Ion:142 Resp: 1700

Ion Ratio Lower Upper

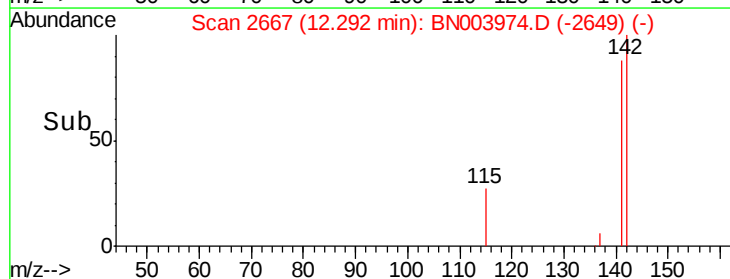
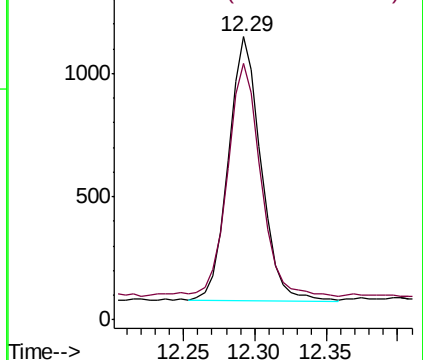
142 100

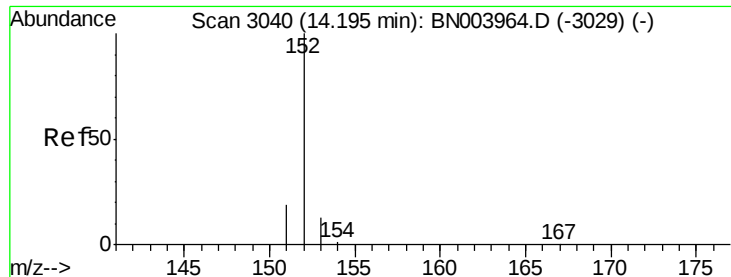
141 91.2 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.041 ng/ul

RT: 14.20 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN003974.D

Acq: 16 Dec 2018 00:33

Instrument :

BNA_N

ClientSampleId :

F9Y27

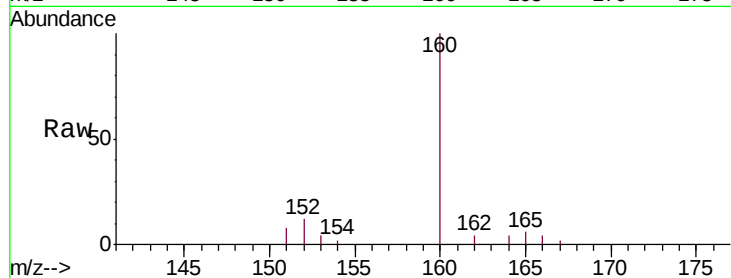
Tgt Ion:152 Resp: 1104

Ion Ratio Lower Upper

152 100

151 70.2 15.9 23.9#

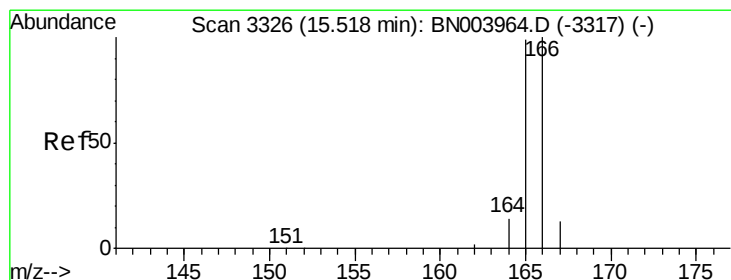
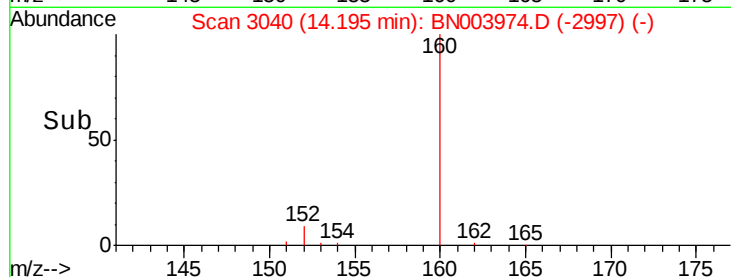
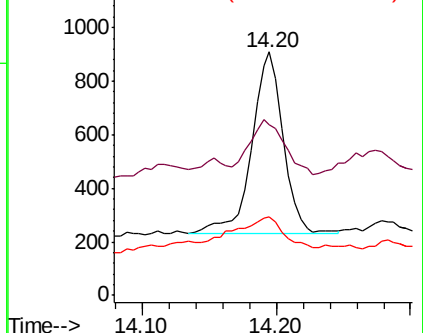
153 32.1 10.7 16.1#



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



#9

Fluorene

Concen: 0.033 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. 0.00 min

Lab File: BN003974.D

Acq: 16 Dec 2018 00:33

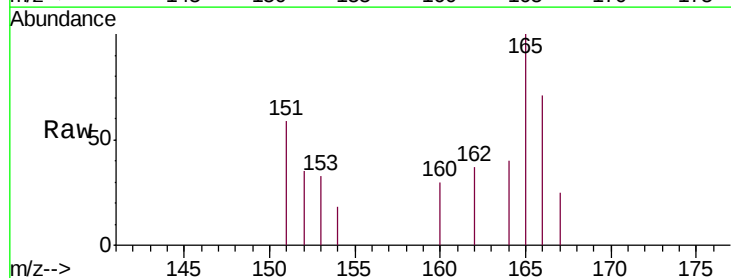
Tgt Ion:166 Resp: 907

Ion Ratio Lower Upper

166 100

165 140.0 78.3 117.5#

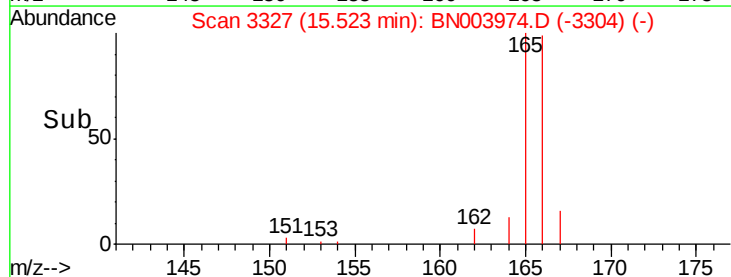
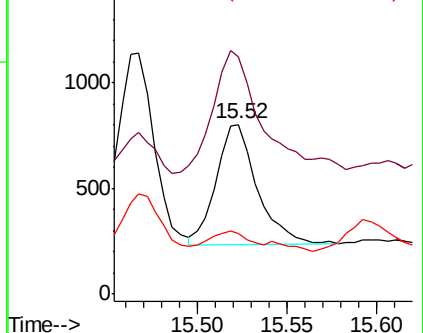
167 35.4 11.3 16.9#

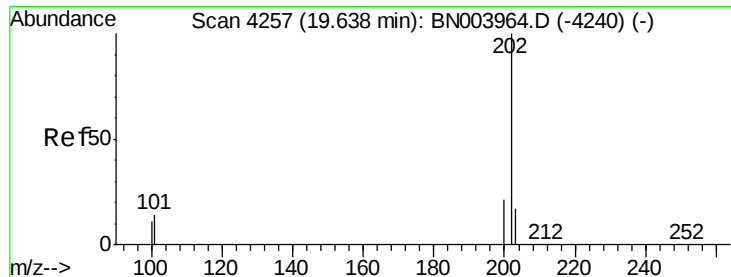


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pyrene

Concen: 26.958 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN003974.D

Acq: 16 Dec 2018 00:33

Instrument :

BNA_N

ClientSampleId :

F9Y27

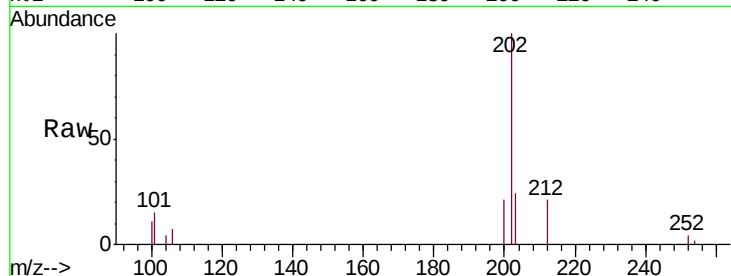
Tgt Ion:202 Resp: 28039

Ion Ratio Lower Upper

202 100

101 15.3 10.3 15.5

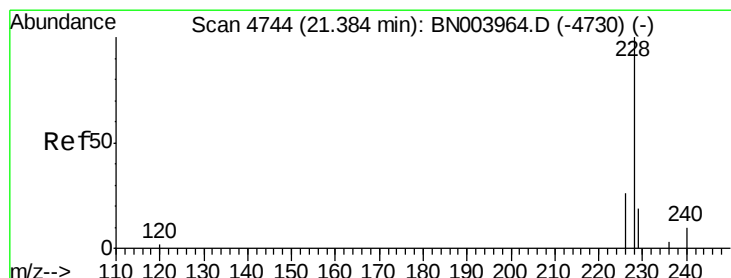
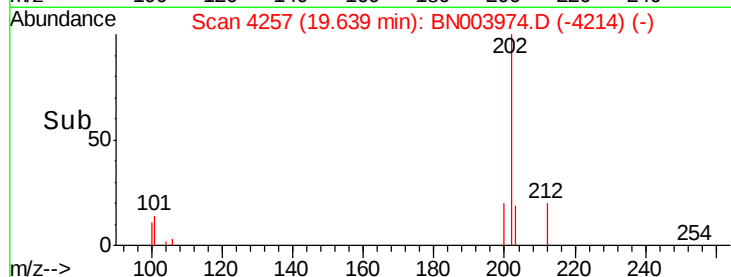
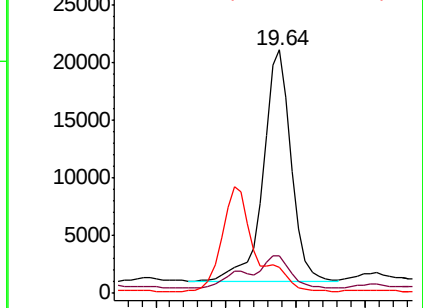
100 10.9 8.5 12.7



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: 1.938 ng/ul

RT: 21.50 min Scan# 4785

Delta R.T. 0.12 min

Lab File: BN003974.D

Acq: 16 Dec 2018 00:33

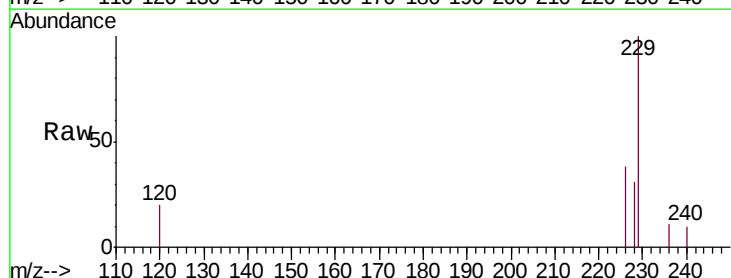
Tgt Ion:228 Resp: 1775

Ion Ratio Lower Upper

228 100

229 323.9 15.6 23.4#

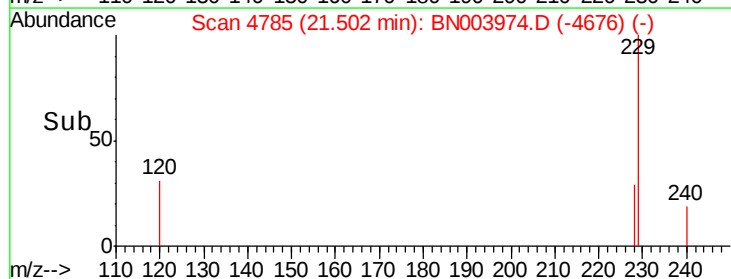
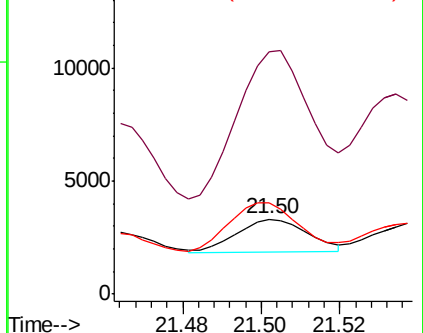
226 122.2 21.1 31.7#

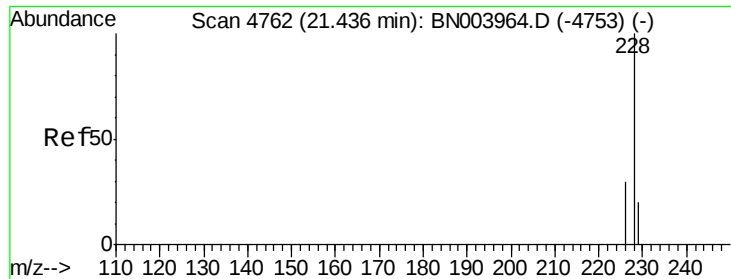


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 4.626 ng/ul

RT: 21.55 min Scan# 4802

Delta R.T. 0.12 min

Lab File: BN003974.D

Acq: 16 Dec 2018 00:33

Instrument :

BNA_N

ClientSampleId :

F9Y27

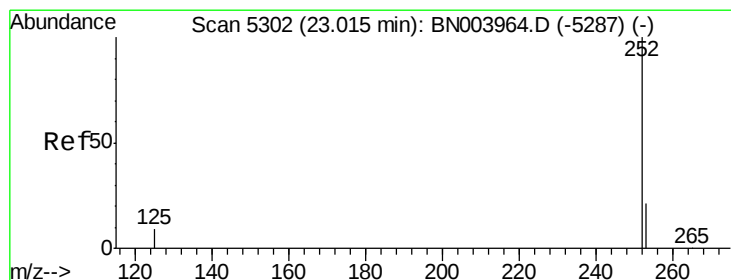
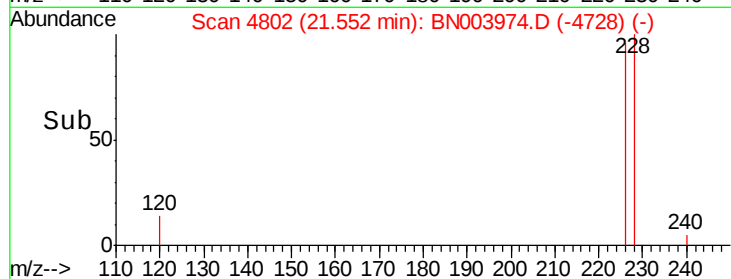
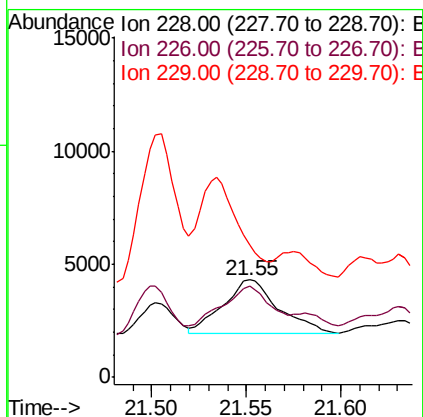
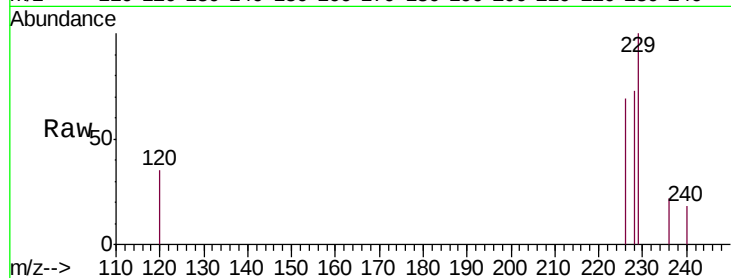
Tgt Ion:228 Resp: 4849

Ion Ratio Lower Upper

228 100

226 93.6 24.0 36.0#

229 136.1 15.7 23.5#



#21

Benzo(b)fluoranthene

Concen: 0.255 ng/ul

RT: 23.09 min Scan# 5330

Delta R.T. 0.08 min

Lab File: BN003974.D

Acq: 16 Dec 2018 00:33

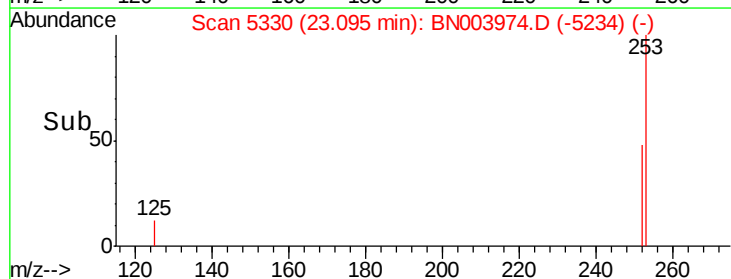
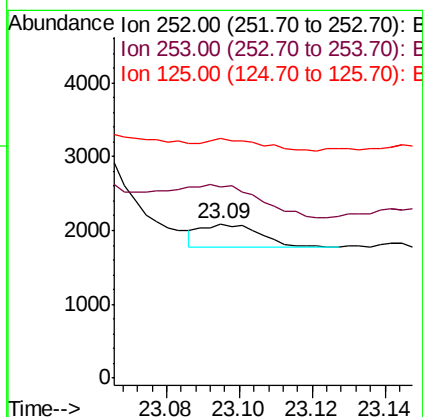
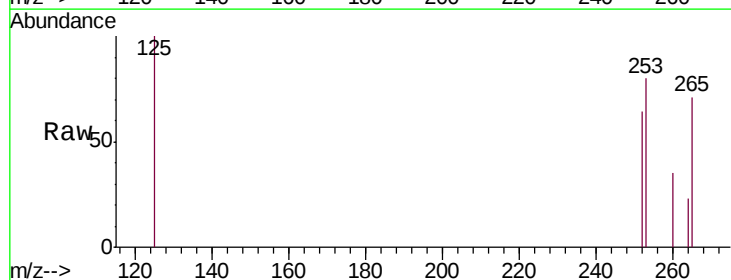
Tgt Ion:252 Resp: 362

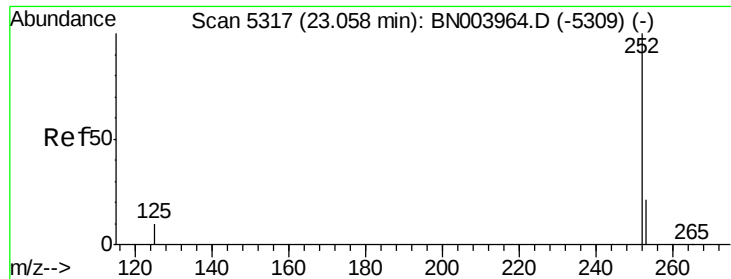
Ion Ratio Lower Upper

252 100

253 124.0 0.0 46.0#

125 155.6 0.0 22.4#





#22

Benzo(k)fluoranthene

Concen: 0.841 ng/u1

RT: 23.19 min Scan# 5362

Delta R.T. 0.13 min

Lab File: BN003974.D

Acq: 16 Dec 2018 00:33

Instrument :

BNA_N

ClientSampleId :

F9Y27

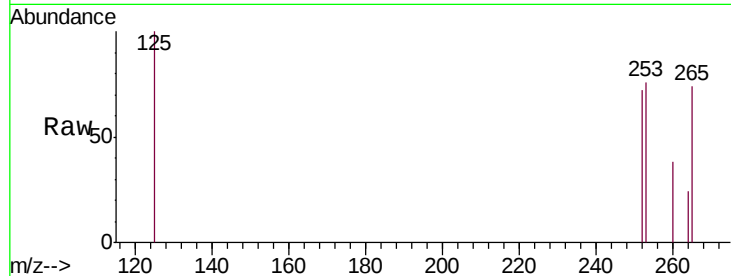
Tgt Ion:252 Resp: 1163

Ion Ratio Lower Upper

252 100

253 105.8 18.5 27.7#

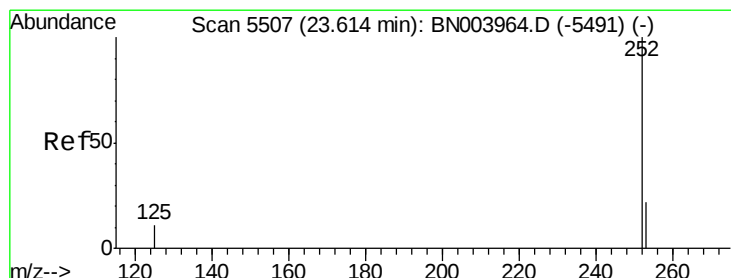
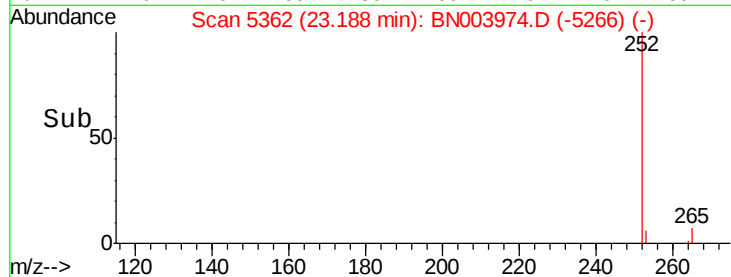
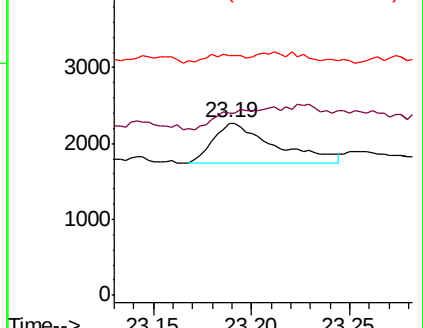
125 139.4 9.0 13.6#



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: 1.306 ng/u1

RT: 23.76 min Scan# 5559

Delta R.T. 0.15 min

Lab File: BN003974.D

Acq: 16 Dec 2018 00:33

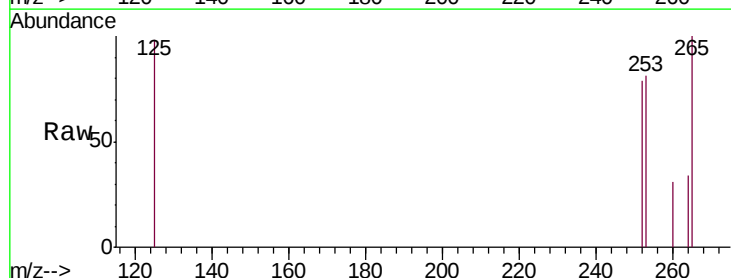
Tgt Ion:252 Resp: 1605

Ion Ratio Lower Upper

252 100

253 102.4 19.0 28.4#

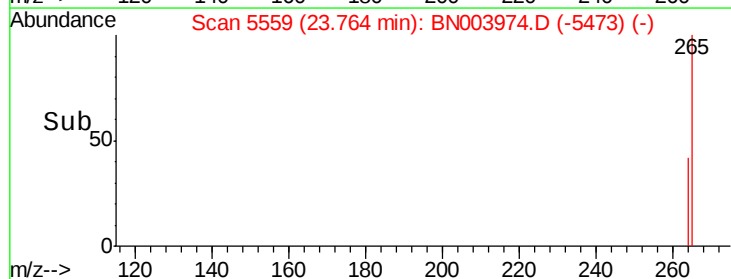
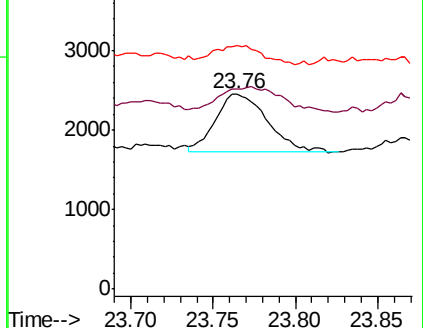
125 124.6 10.2 15.4#

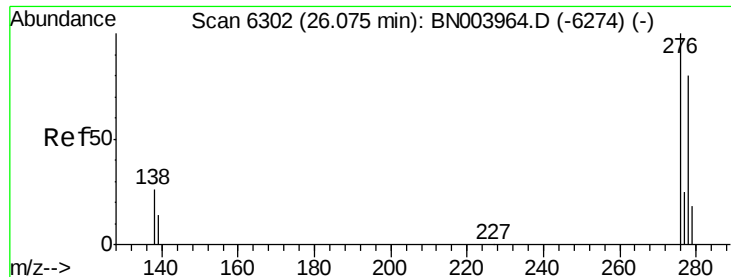


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.233 ng/ul

RT: 26.20 min Scan# 6340

Delta R.T. 0.13 min

Lab File: BN003974.D

Acq: 16 Dec 2018 00:33

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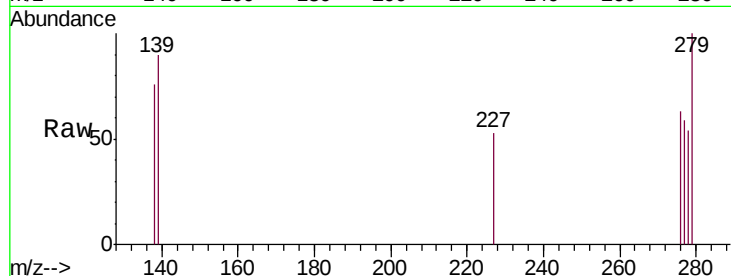
Tgt Ion: 276 Resp: 328

Ion Ratio Lower Upper

276 100

138 72.3 20.3 30.5#

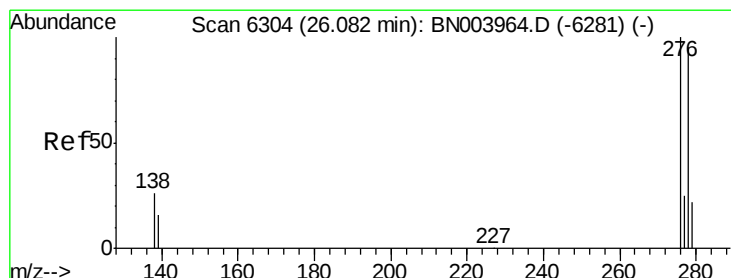
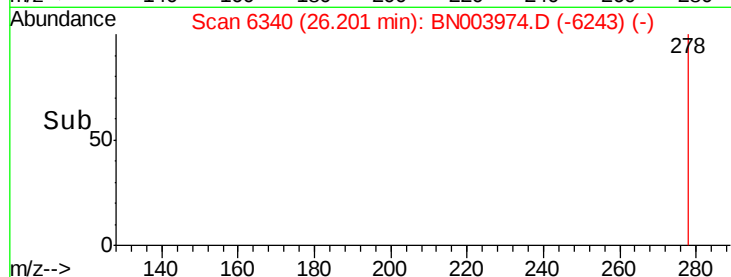
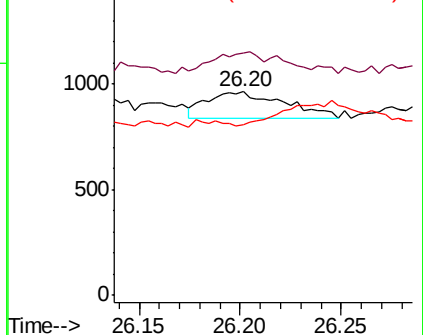
227 0.0 0.2 0.2#



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: 0.677 ng/ul

RT: 26.18 min Scan# 6335

Delta R.T. 0.10 min

Lab File: BN003974.D

Acq: 16 Dec 2018 00:33

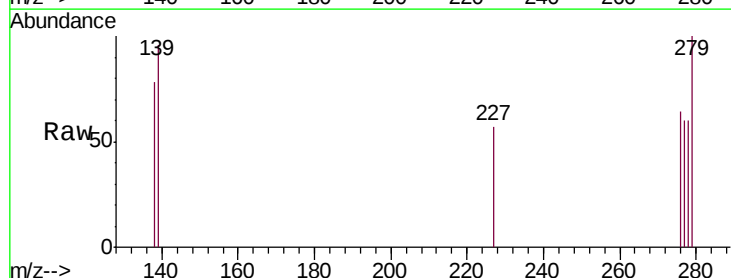
Tgt Ion: 278 Resp: 768

Ion Ratio Lower Upper

278 100

139 159.2 14.2 21.4#

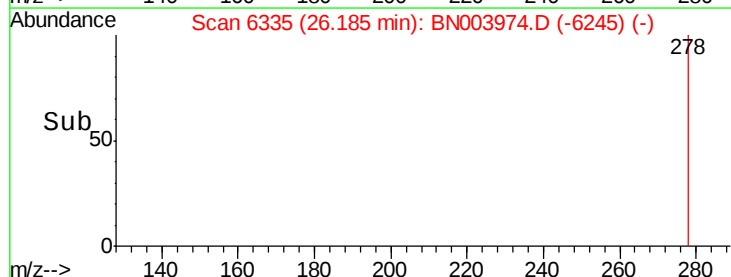
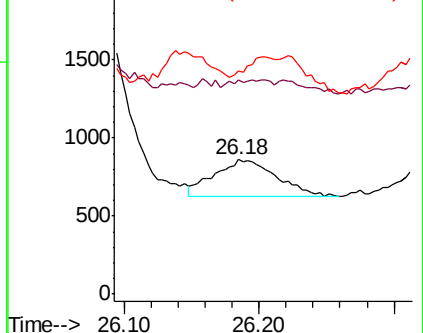
279 165.5 19.8 29.6#

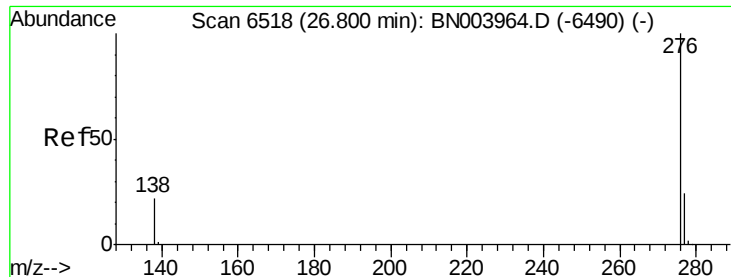


Abundance Ion 278.00 (277.70 to 278.70): E

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: 16.372 ng/ul

RT: 26.80 min Scan# 6517

Delta R.T. -0.00 min

Lab File: BN003974.D

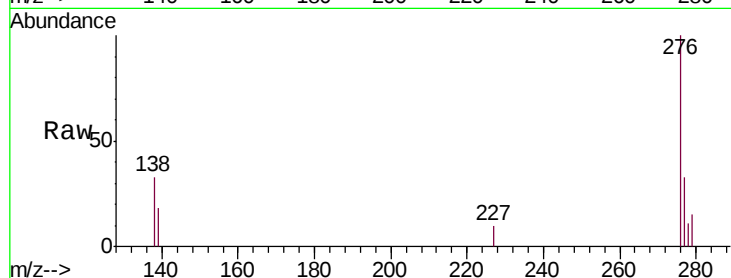
Acq: 16 Dec 2018 00:33

Instrument :

BNA_N

ClientSampleId :

F9Y27



Tgt Ion: 276 Resp: 20049

Ion Ratio Lower Upper

276 100

138 33.3 17.7 26.5#

277 32.7 19.3 28.9#

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

