

Data File : BN003973.D
Acq On : 15 Dec 2018 23:57
Operator : JU/SJ
Sample : J6171-07DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11DL

Quant Time: Dec 16 02:05:39 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	2000	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10145	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6037	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	15070	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	19301	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	17416	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	622	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1810	0.04	ng/ul	0.00

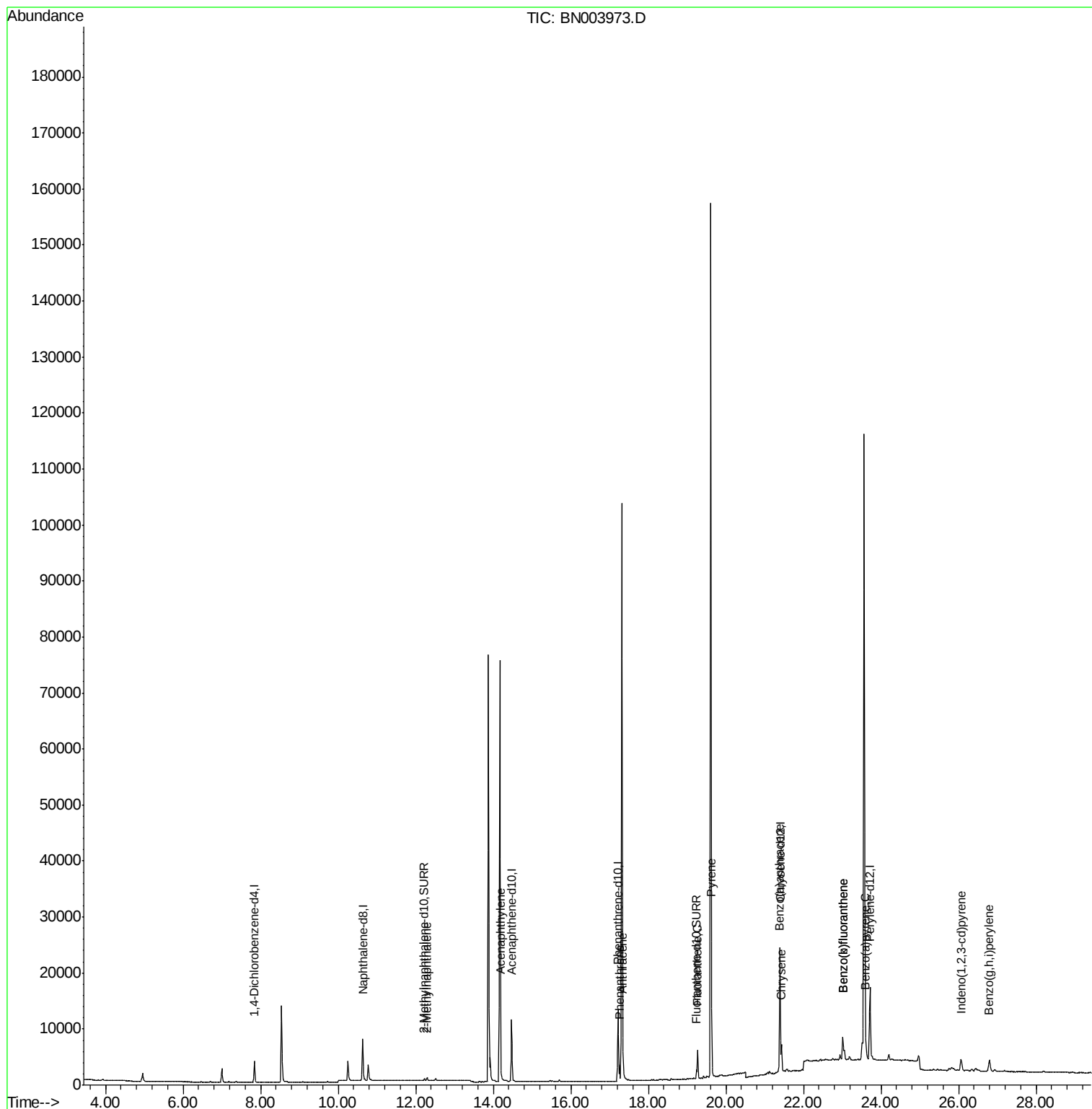
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.29	142	472	0.024	ng/ul	99
7) Acenaphthylene	14.19	152	619	0.023	ng/ul#	69
12) Phenanthrene	17.26	178	3058	0.062	ng/ul#	93
13) Anthracene	17.35	178	1117	0.027	ng/ul#	79
15) Fluoranthene	19.27	202	4322	0.074	ng/ul	91
17) Pyrene	19.63	202	5874	0.085	ng/ul#	93
18) Benzo(a)anthracene	21.38	228	3230	0.053	ng/ul#	73
19) Chrysene	21.43	228	5292	0.076	ng/ul#	79
21) Benzo(b)fluoranthene	23.01	252	8974	0.125	ng/ul#	49
22) Benzo(k)fluoranthene	23.01	252	9006	0.128	ng/ul#	49
23) Benzo(a)pyrene	23.61	252	3006	0.048	ng/ul#	10
24) Indeno(1,2,3-cd)pyrene	26.07	276	3438	0.048	ng/ul#	100
26) Benzo(g,h,i)perylene	26.79	276	4416	0.071	ng/ul#	66

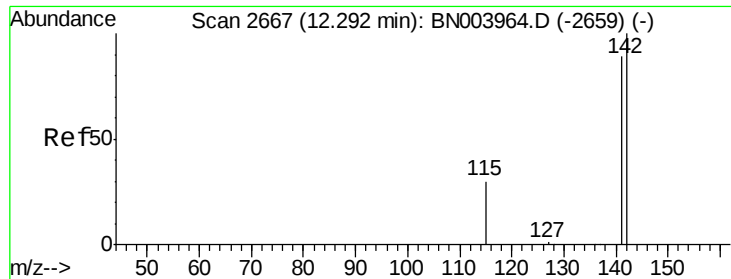
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN003973.D

Acq: 15 Dec 2018 23:57

Instrument :

BNA_N

ClientSampleId :

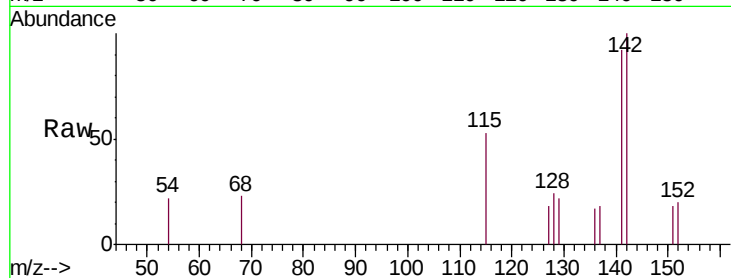
F9Y11DL

Tgt Ion:142 Resp: 472

Ion Ratio Lower Upper

142 100

141 90.0 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.29

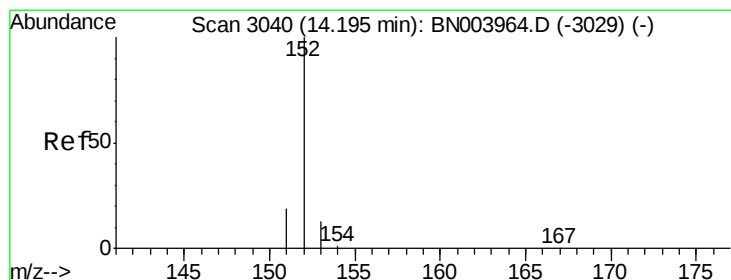
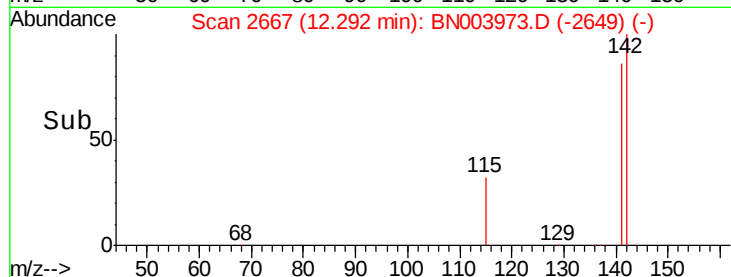
300

200

100

0

Time--> 12.20 12.30 12.40



#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN003973.D

Acq: 15 Dec 2018 23:57

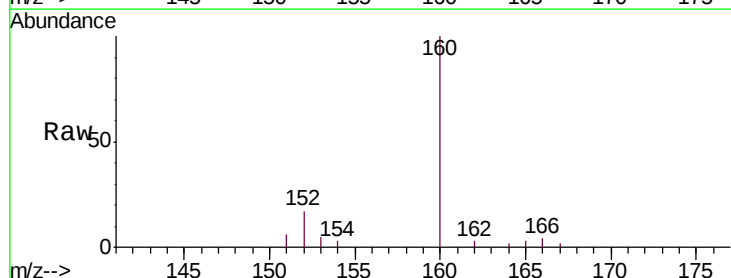
Tgt Ion:152 Resp: 619

Ion Ratio Lower Upper

152 100

151 32.8 15.9 23.9#

153 27.8 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

14.19

500

400

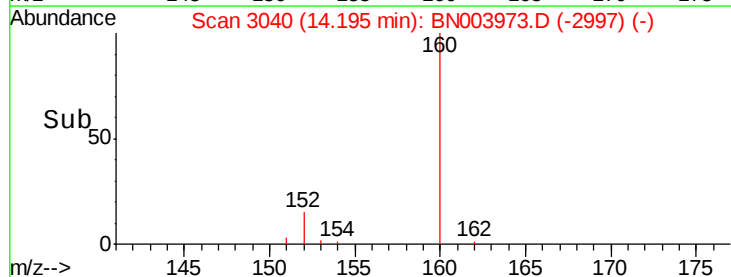
300

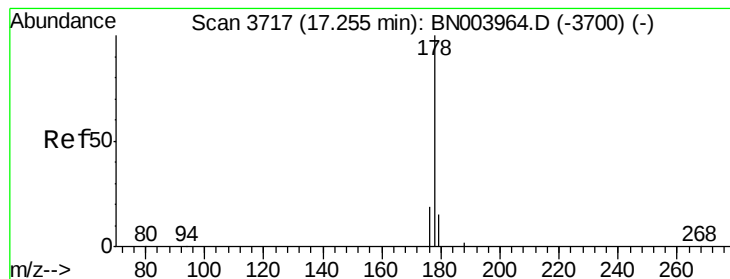
200

100

0

Time--> 14.10 14.20 14.30





#12

Phenanthrene

Concen: 0.062 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BN003973.D

Acq: 15 Dec 2018 23:57

Instrument :

BNA_N

ClientSampleId :

F9Y11DL

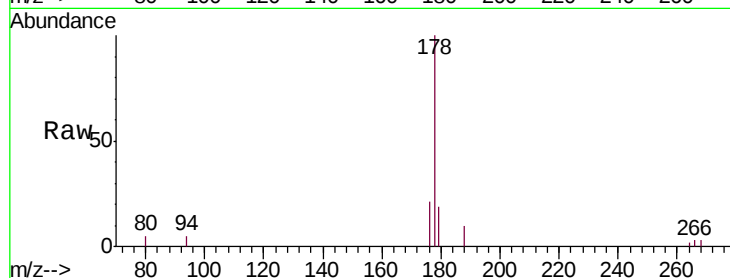
Tgt Ion:178 Resp: 3058

Ion Ratio Lower Upper

178 100

179 19.1 12.5 18.7#

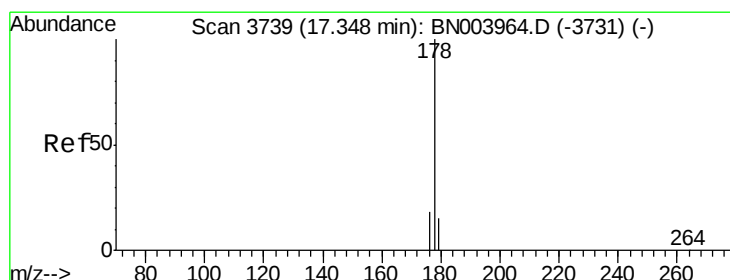
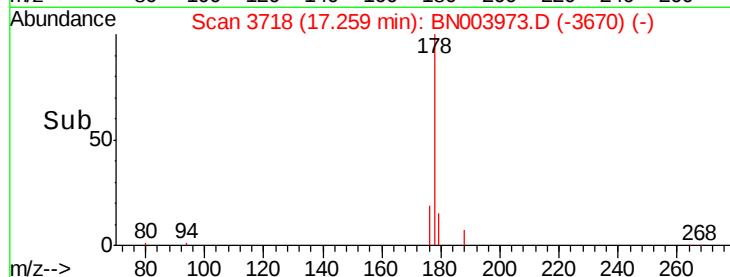
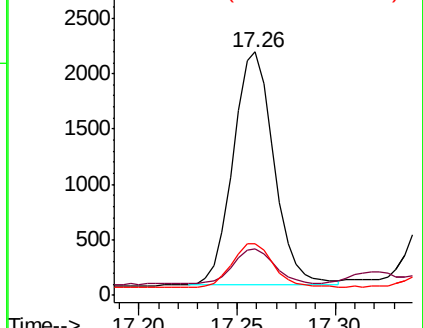
176 20.9 15.0 22.4



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: 0.027 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. 0.00 min

Lab File: BN003973.D

Acq: 15 Dec 2018 23:57

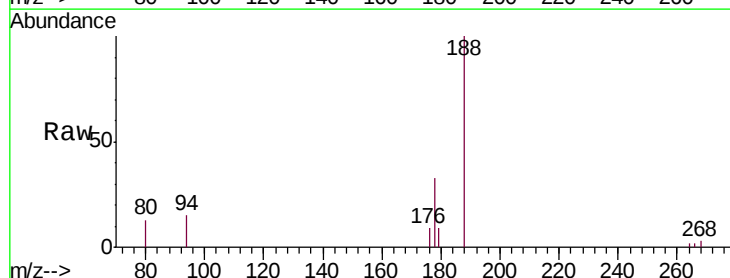
Tgt Ion:178 Resp: 1117

Ion Ratio Lower Upper

178 100

179 26.4 12.3 18.5#

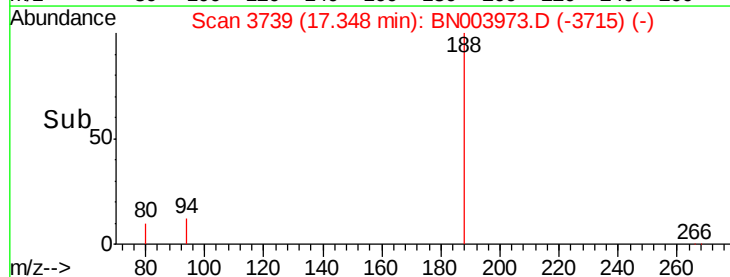
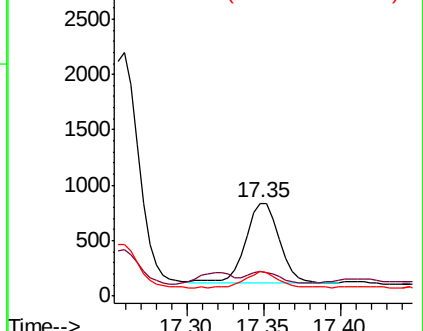
176 26.2 14.8 22.2#

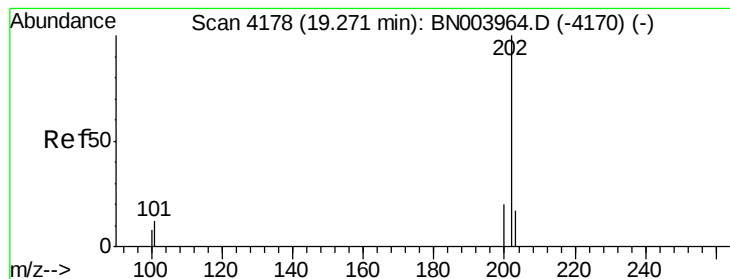


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.074 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. 0.00 min

Lab File: BN003973.D

Acq: 15 Dec 2018 23:57

Instrument :

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ClientSampleId :

F9Y11DL

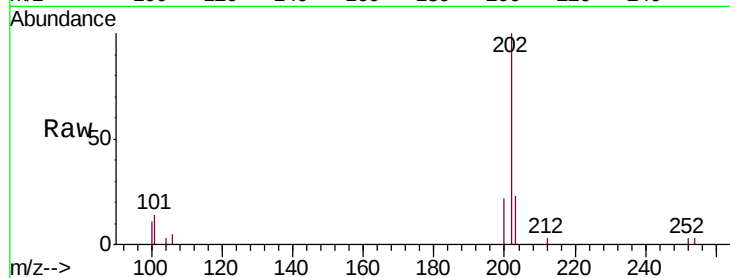
Tgt Ion:202 Resp: 4322

Ion Ratio Lower Upper

202 100

101 14.2 0.0 30.7

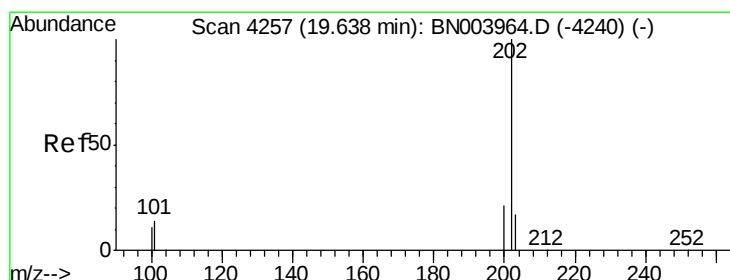
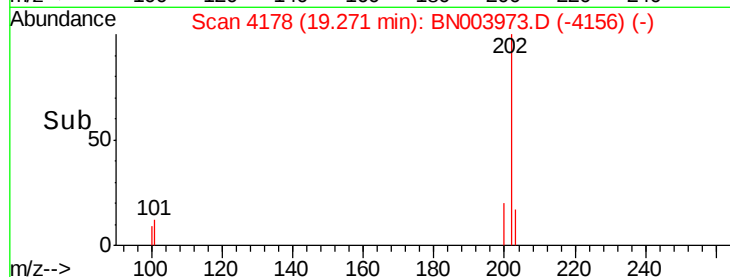
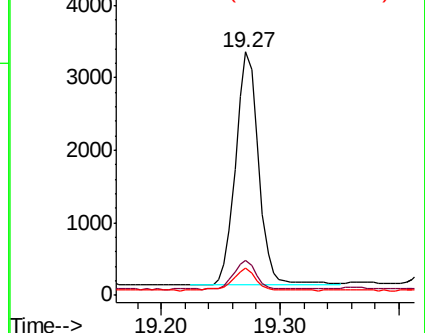
100 11.0 0.0 28.1



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: 0.085 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. -0.00 min

Lab File: BN003973.D

Acq: 15 Dec 2018 23:57

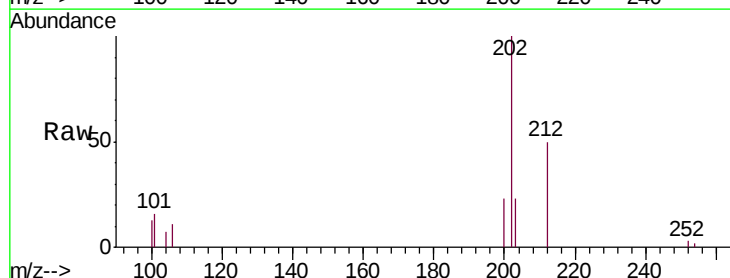
Tgt Ion:202 Resp: 5874

Ion Ratio Lower Upper

202 100

101 16.0 10.3 15.5#

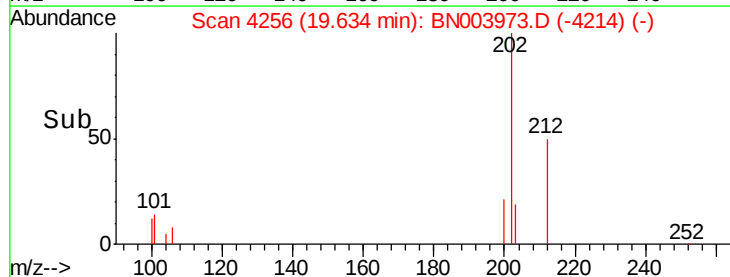
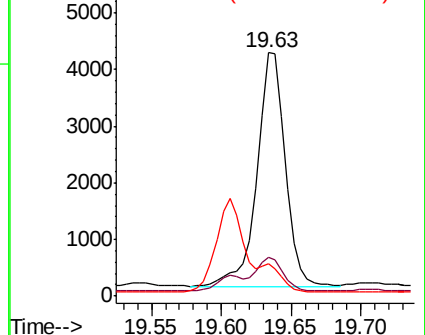
100 13.2 8.5 12.7#

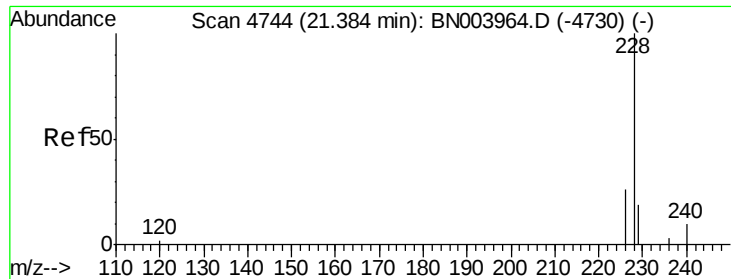


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.053 ng/ul

RT: 21.38 min Scan# 4743

Delta R.T. -0.00 min

Lab File: BN003973.D

Acq: 15 Dec 2018 23:57

Instrument :

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ClientSampleId :

F9Y11DL

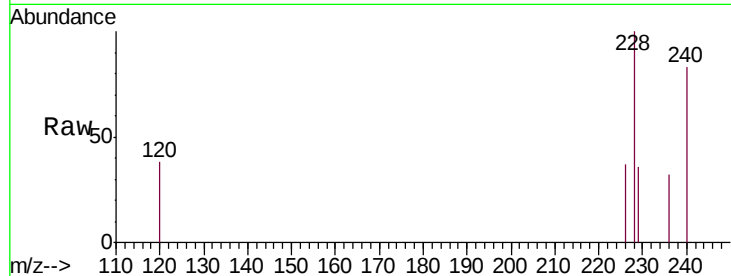
Tgt Ion:228 Resp: 3230

Ion Ratio Lower Upper

228 100

229 36.2 15.6 23.4#

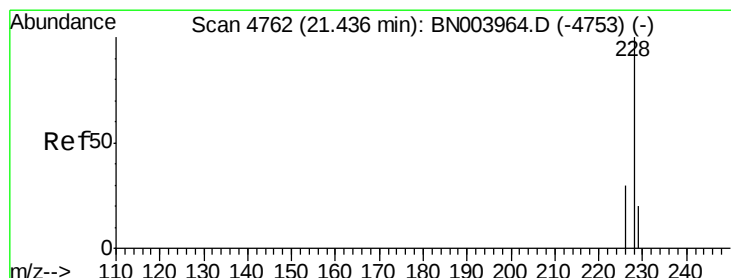
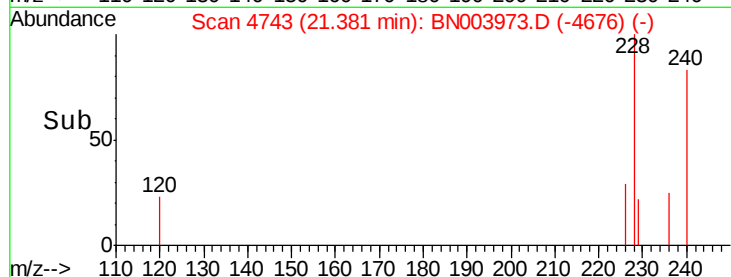
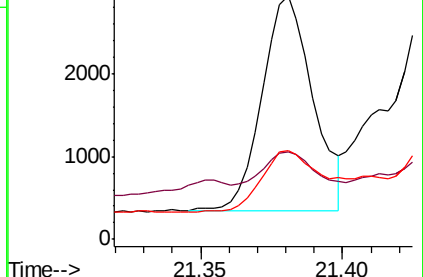
226 36.5 21.1 31.7#



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: 0.076 ng/ul

RT: 21.43 min Scan# 4761

Delta R.T. -0.00 min

Lab File: BN003973.D

Acq: 15 Dec 2018 23:57

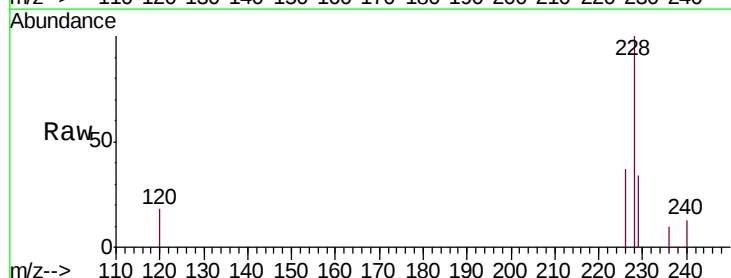
Tgt Ion:228 Resp: 5292

Ion Ratio Lower Upper

228 100

226 37.2 24.0 36.0#

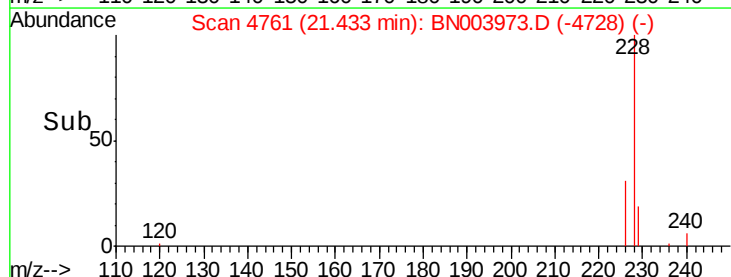
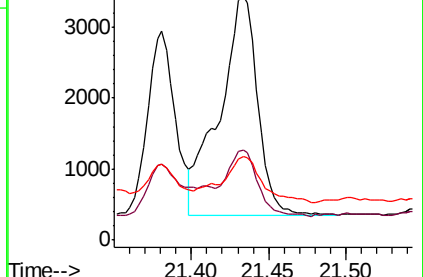
229 34.1 15.7 23.5#

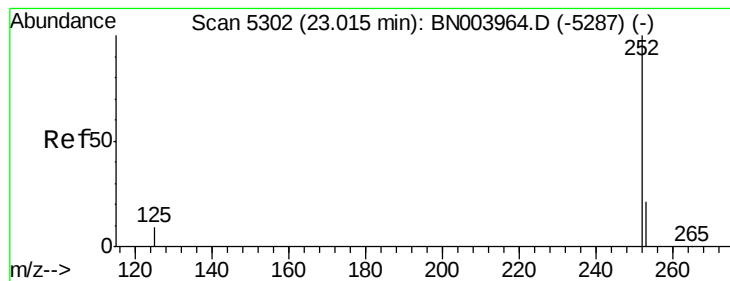


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.125 ng/ul

RT: 23.01 min Scan# 5301

Delta R.T. -0.00 min

Lab File: BN003973.D

Acq: 15 Dec 2018 23:57

Instrument :

BNA_N

ClientSampleId :

F9Y11DL

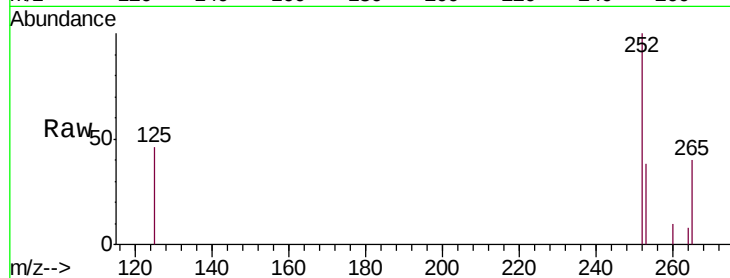
Tgt Ion:252 Resp: 8974

Ion Ratio Lower Upper

252 100

253 38.3 0.0 46.0

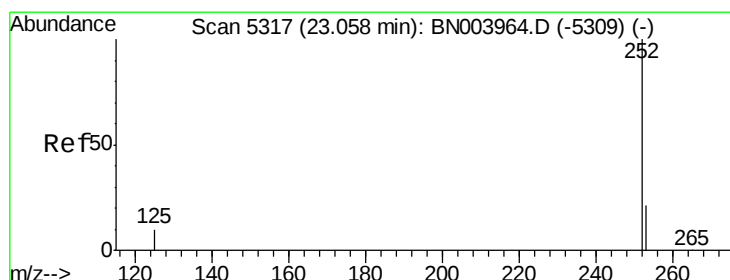
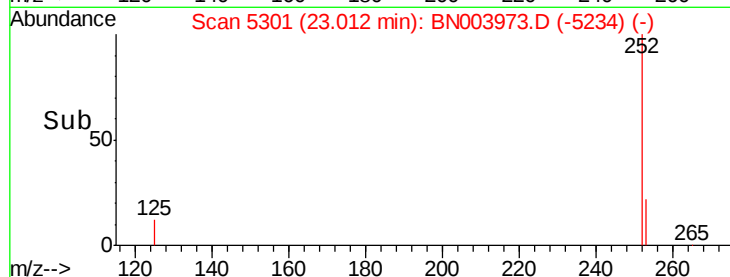
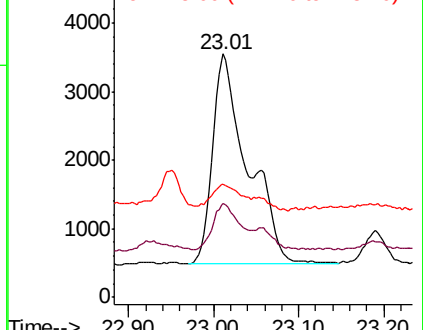
125 46.3 0.0 22.4#



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



#22

Benzo(k)fluoranthene

Concen: 0.128 ng/ul

RT: 23.01 min Scan# 5301

Delta R.T. -0.05 min

Lab File: BN003973.D

Acq: 15 Dec 2018 23:57

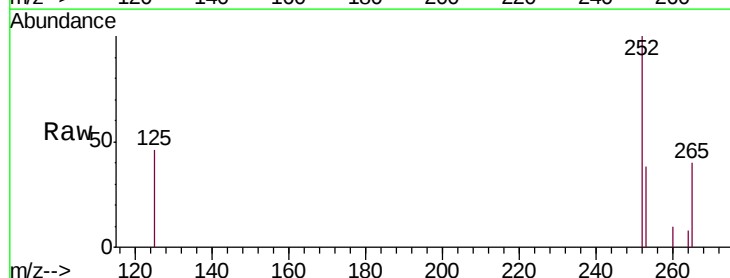
Tgt Ion:252 Resp: 9006

Ion Ratio Lower Upper

252 100

253 38.3 18.5 27.7#

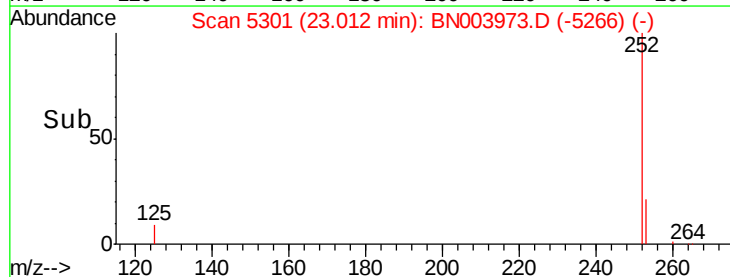
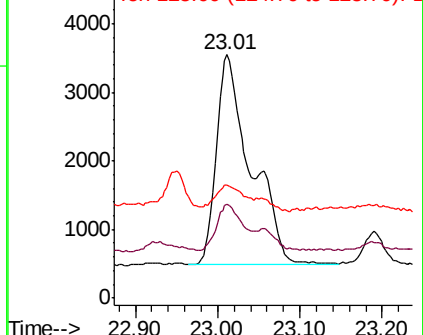
125 46.3 9.0 13.6#

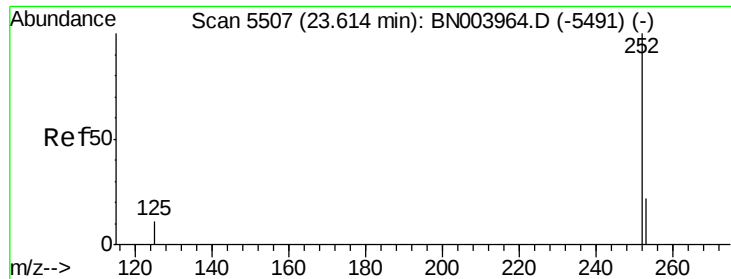


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.048 ng/u1

RT: 23.61 min Scan# 5506

Delta R.T. -0.00 min

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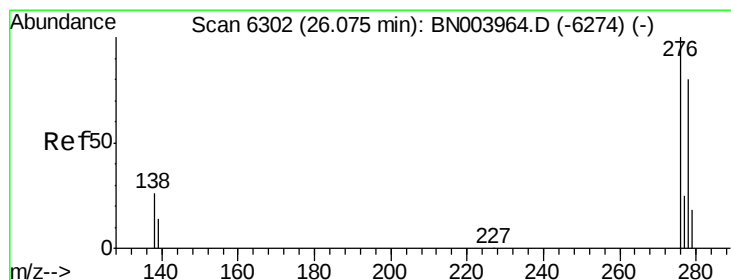
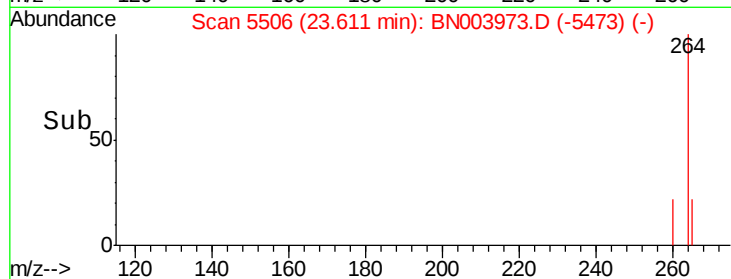
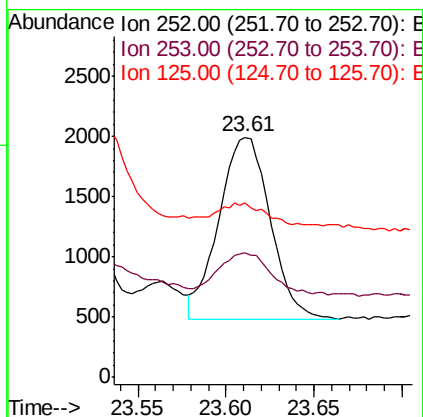
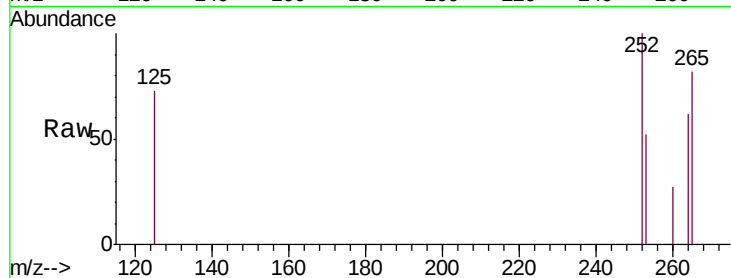
Tgt Ion:252 Resp: 3006

Ion Ratio Lower Upper

252 100

253 51.8 19.0 28.4#

125 72.8 10.2 15.4#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.048 ng/u1

RT: 26.07 min Scan# 6300

Delta R.T. -0.01 min

Lab File: BN003973.D

Acq: 15 Dec 2018 23:57

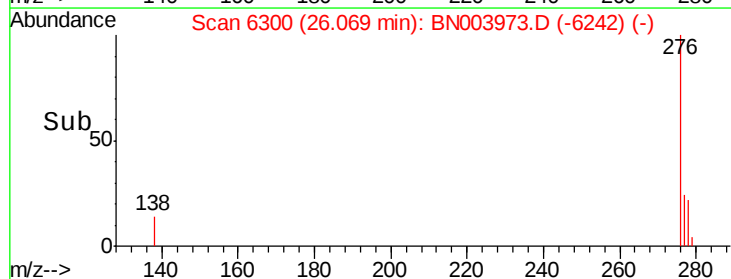
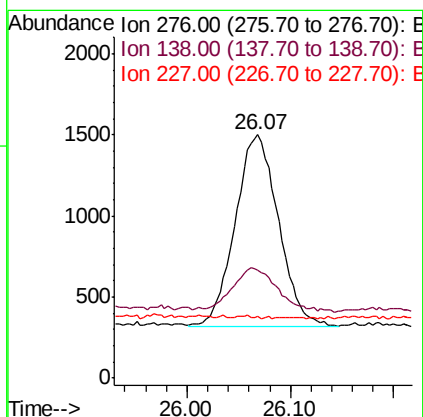
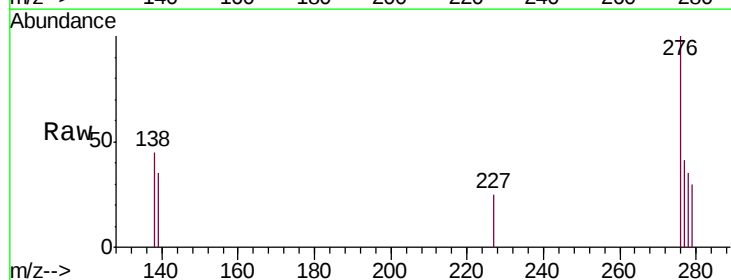
Tgt Ion:276 Resp: 3438

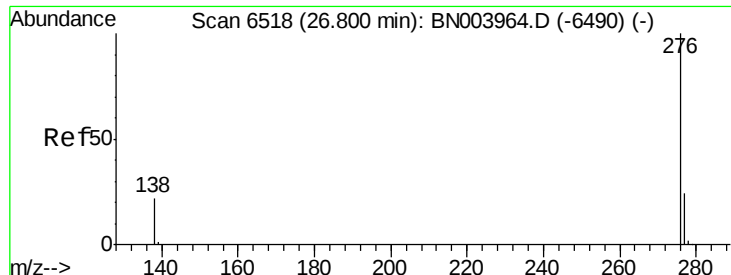
Ion Ratio Lower Upper

276 100

138 25.2 20.3 30.5

227 0.7 0.2 0.2#





#26

Benzo(g,h,i)perylene

Concen: 0.071 ng/ul

RT: 26.79 min Scan# 6516

Delta R.T. -0.01 min

Lab File: BN003973.D

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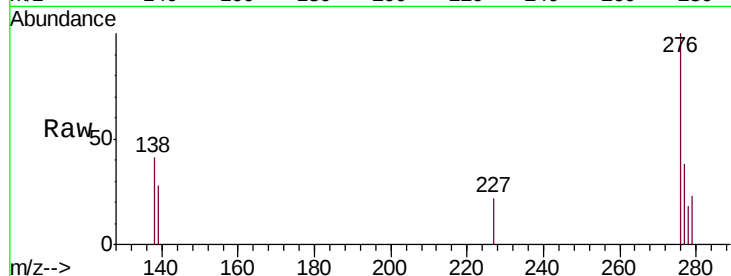
Tgt Ion:276 Resp: 4416

Ion Ratio Lower Upper

276 100

138 41.3 17.7 26.5#

277 38.3 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

