

Data File : BN004011.D
Acq On : 17 Dec 2018 00:40
Operator : JU/SJ
Sample : J6229-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E58

Quant Time: Dec 17 06:25:34 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1990	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9883	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5911	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	756638	0.40	ng/ul	0.10
16) Chrysene-d12	21.50	240	86	0.40	ng/ul	0.10
20) Perylene-d12	23.86	264	823	0.40	ng/ul	0.14

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3731	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	298	0.00	ng/ul	0.09

Target Compounds				Qvalue		
3) Naphthalene	10.68	128	1873	0.067	ng/ul#	86
5) 2-Methylnaphthalene	12.29	142	3713	0.192	ng/ul	98
9) Fluorene	15.52	166	821	0.030	ng/ul#	96
17) Pyrene	19.64	202	85664	277.726	ng/ul	96
18) Benzo(a)anthracene	21.43	228	84646	311.624	ng/ul	93
19) Chrysene	21.55	228	1613	5.189	ng/ul#	1
21) Benzo(b)fluoranthene	23.02	252	30237	8.882	ng/ul	88
22) Benzo(k)fluoranthene	23.19	252	2167	0.653	ng/ul#	1
23) Benzo(a)pyrene	23.77	252	1840	0.624	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.20	276	1037	0.307	ng/ul#	50
25) Dibenzo(a,h)anthracene	26.19	278	3307	1.215	ng/ul#	1
26) Benzo(g,h,i)perylene	26.81	276	34190	11.636	ng/ul	93

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

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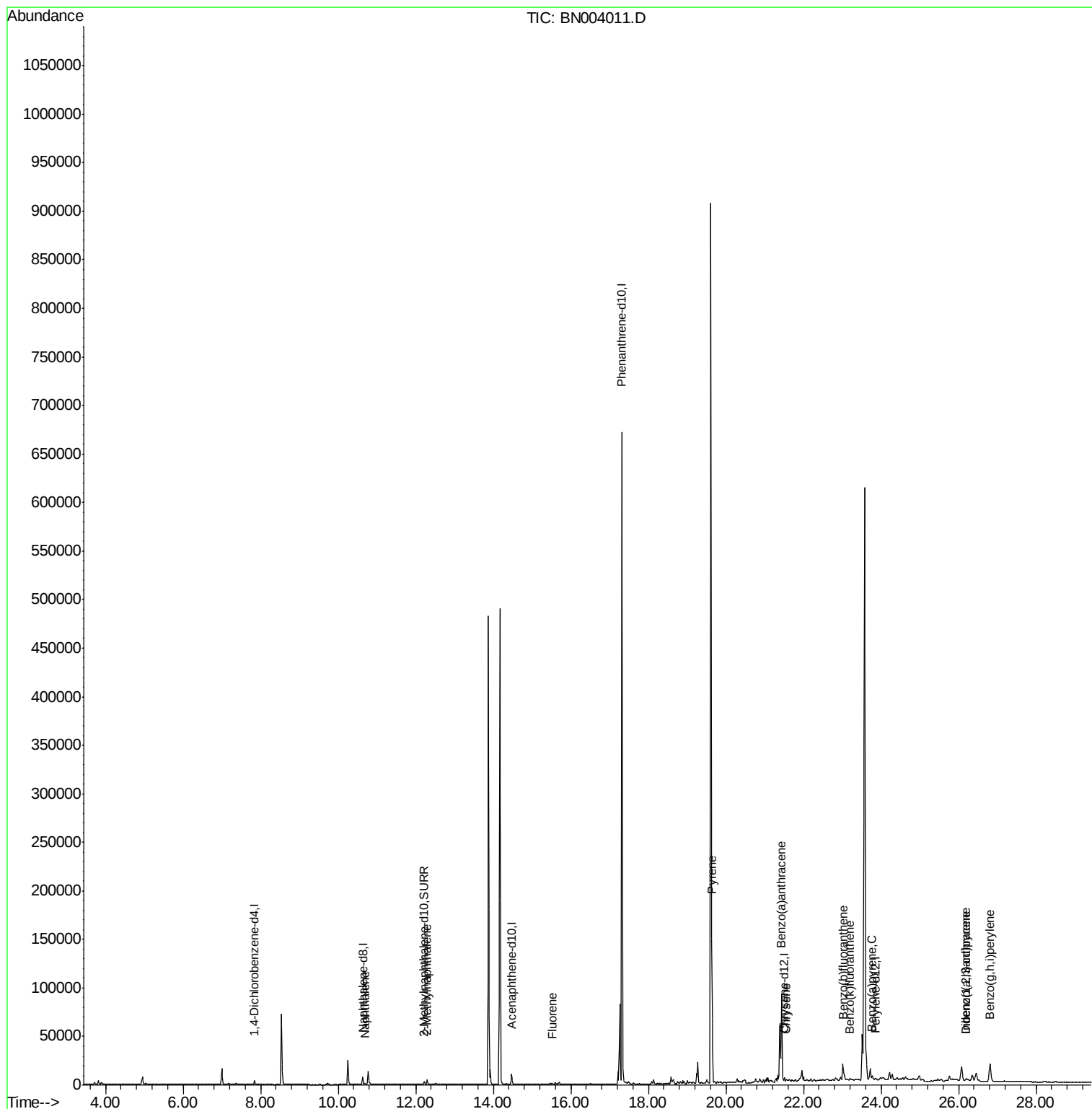
Quant Time: Dec 17 06:25:34 2018

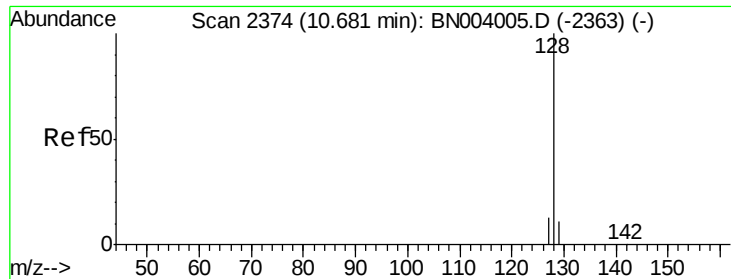
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M

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#3

Naphthalene

Concen: 0.067 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

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ClientSampleId :

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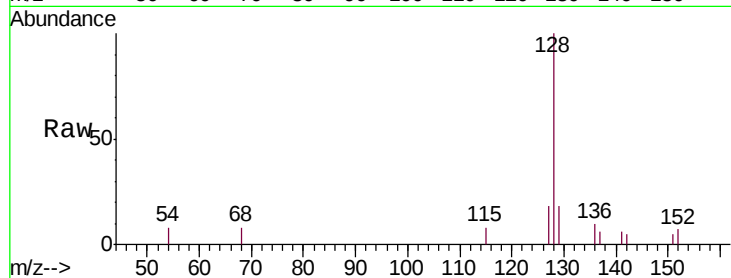
Tgt Ion:128 Resp: 1873

Ion Ratio Lower Upper

128 100

129 17.7 9.0 13.6#

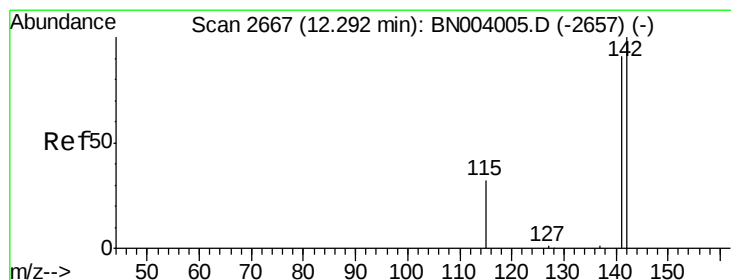
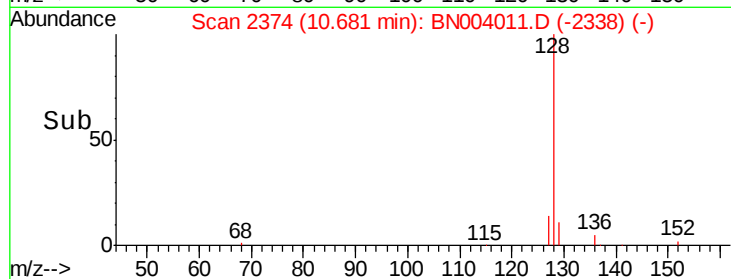
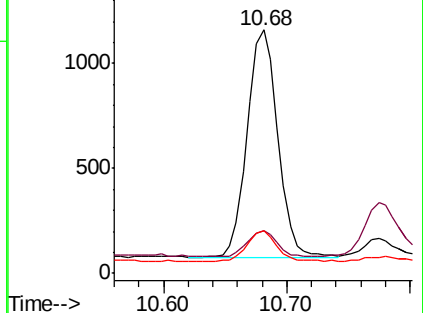
127 17.7 10.5 15.7#



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: 0.192 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN004011.D

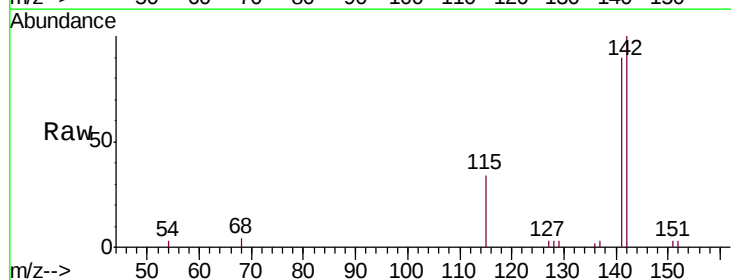
Acq: 17 Dec 2018 00:40

Tgt Ion:142 Resp: 3713

Ion Ratio Lower Upper

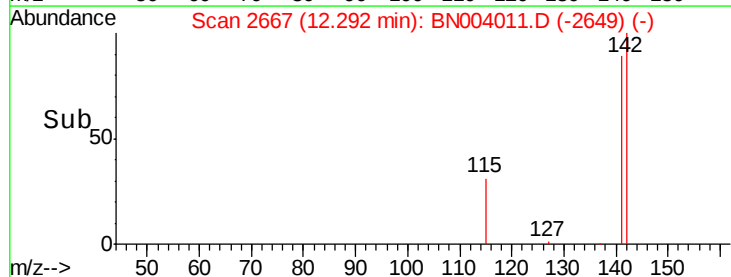
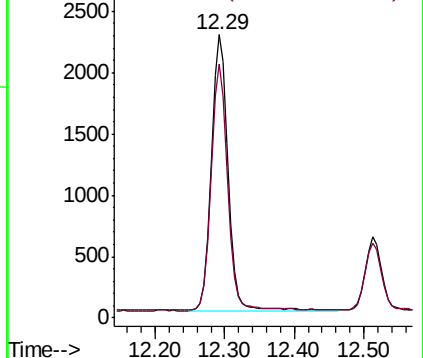
142 100

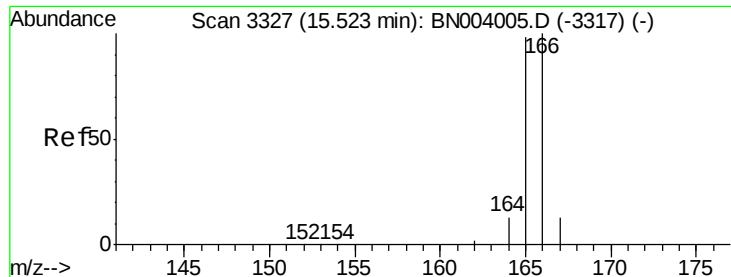
141 87.9 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.030 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. 0.00 min

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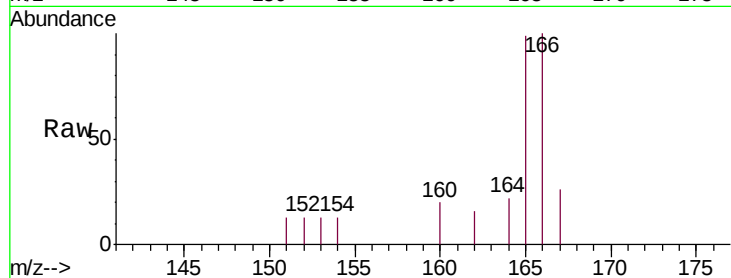
Tgt Ion:166 Resp: 821

Ion Ratio Lower Upper

166 100

165 98.7 78.3 117.5

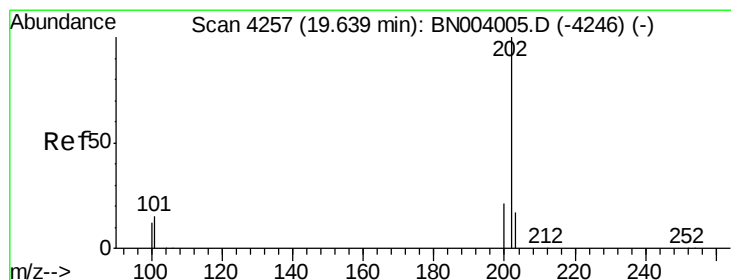
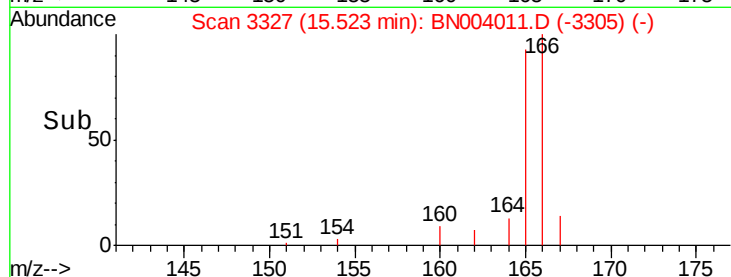
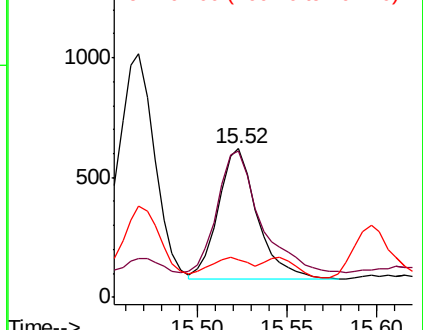
167 25.6 11.3 16.9#



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: 277.726 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004011.D

Acq: 17 Dec 2018 00:40

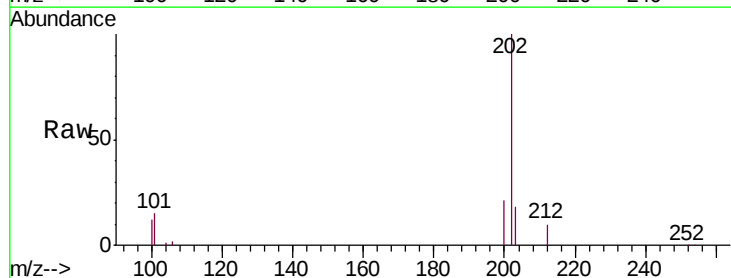
Tgt Ion:202 Resp: 85664

Ion Ratio Lower Upper

202 100

101 14.9 10.3 15.5

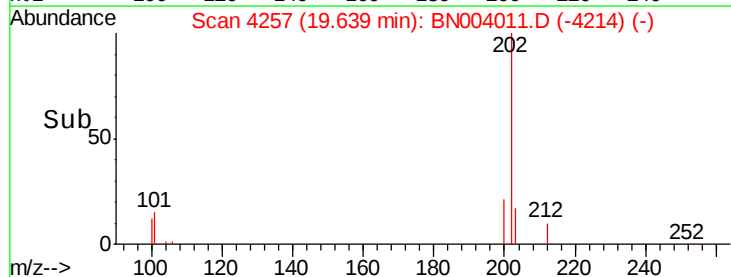
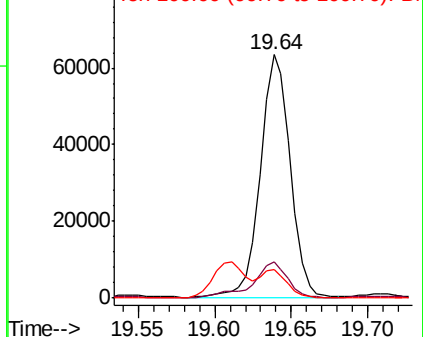
100 11.8 8.5 12.7

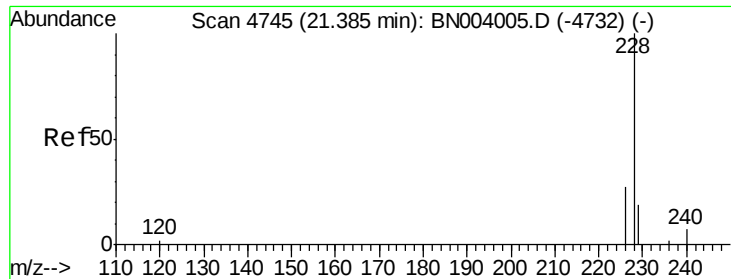


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 311.624 ng/ul

RT: 21.43 min Scan# 4762

Delta R.T. 0.05 min

Lab File: BN004011.D

Acq: 17 Dec 2018 00:40

Instrument :

BNA_N

ClientSampleId :

F9E58

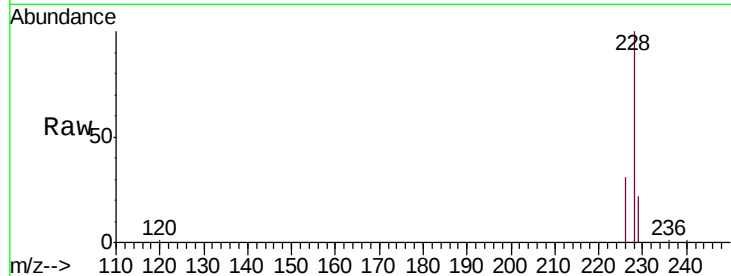
Tgt Ion:228 Resp: 84646

Ion Ratio Lower Upper

228 100

229 22.4 15.6 23.4

226 30.7 21.1 31.7

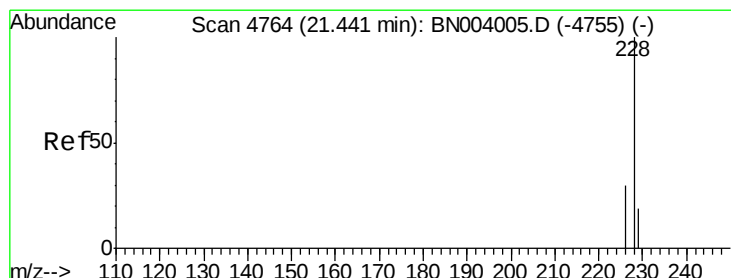
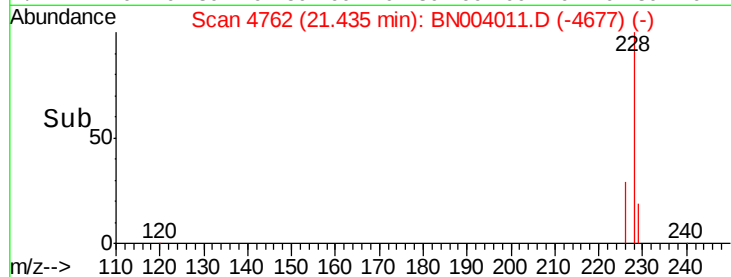
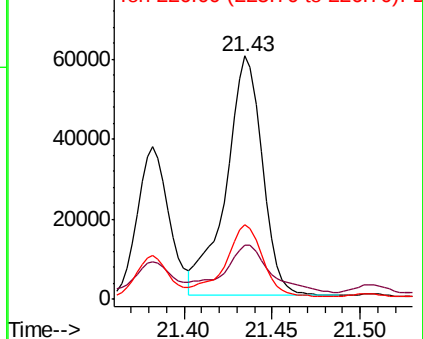


Abundance

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: 5.189 ng/ul

RT: 21.55 min Scan# 4803

Delta R.T. 0.11 min

Lab File: BN004011.D

Acq: 17 Dec 2018 00:40

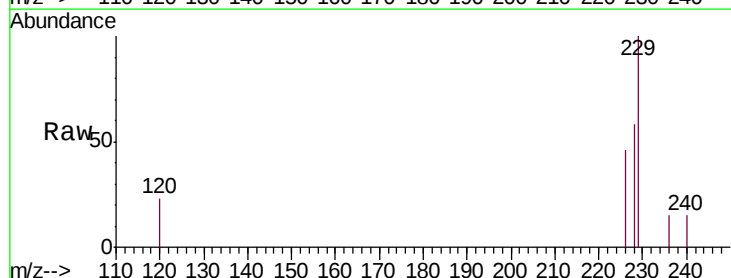
Tgt Ion:228 Resp: 1613

Ion Ratio Lower Upper

228 100

226 79.0 24.0 36.0#

229 173.1 15.7 23.5#

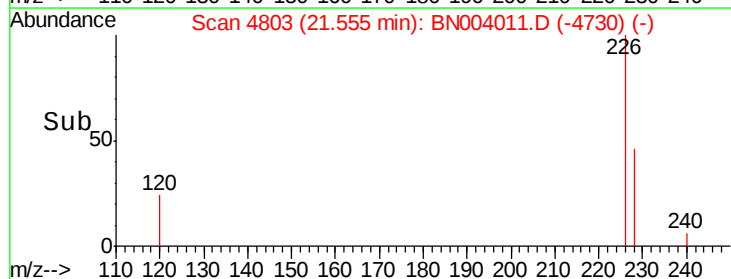
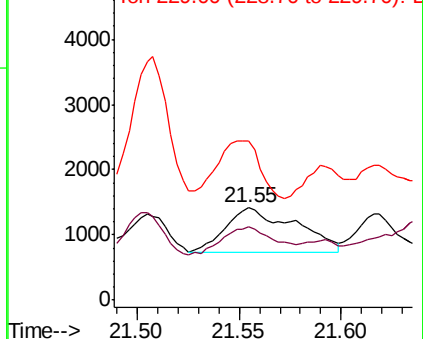


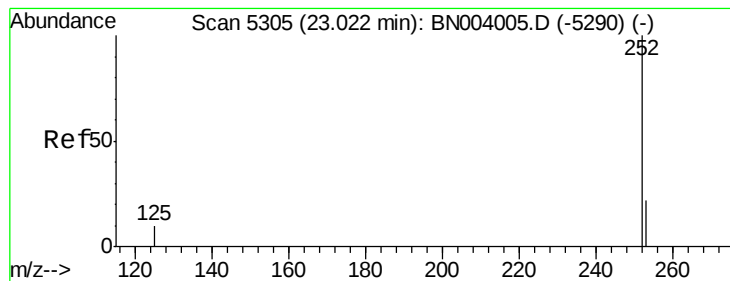
Abundance

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: 8.882 ng/ul

RT: 23.02 min Scan# 5303

Delta R.T. -0.01 min

Lab File: BN004011.D

Acq: 17 Dec 2018 00:40

Instrument :

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F9E58

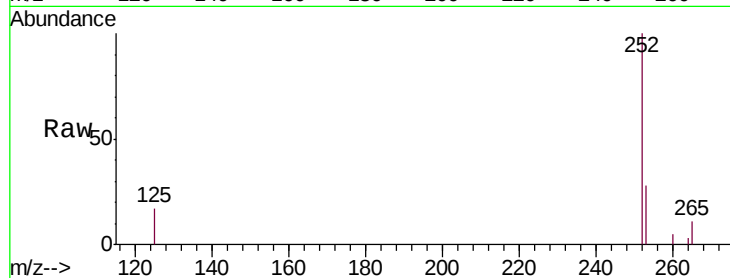
Tgt Ion:252 Resp: 30237

Ion Ratio Lower Upper

252 100

253 28.3 0.0 46.0

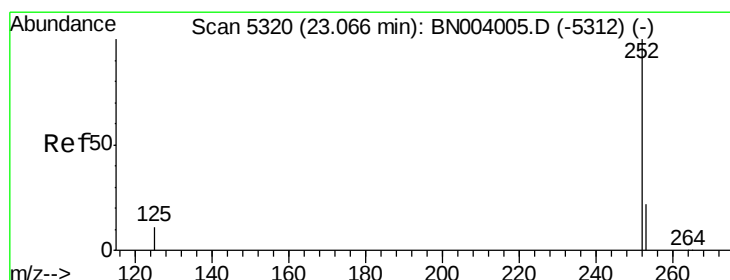
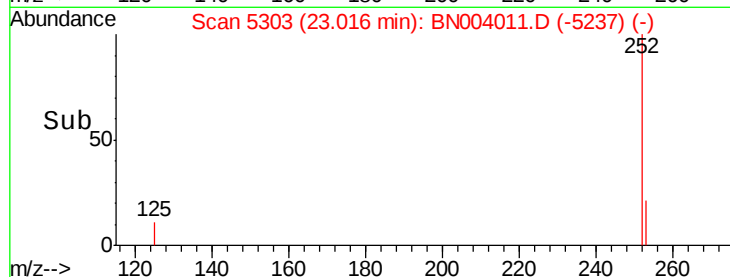
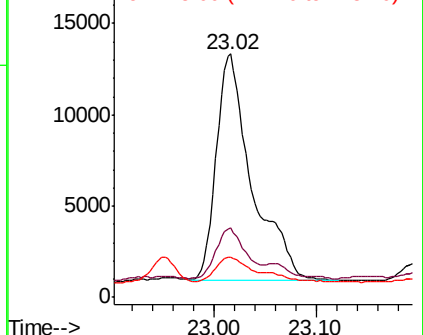
125 16.6 0.0 22.4



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: 0.653 ng/ul

RT: 23.19 min Scan# 5364

Delta R.T. 0.13 min

Lab File: BN004011.D

Acq: 17 Dec 2018 00:40

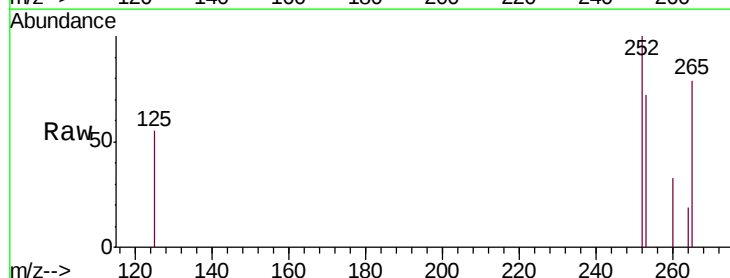
Tgt Ion:252 Resp: 2167

Ion Ratio Lower Upper

252 100

253 72.3 18.5 27.7#

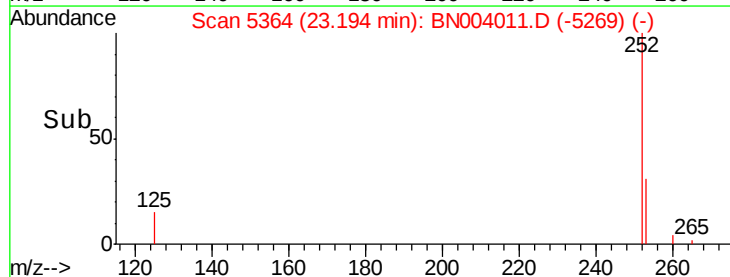
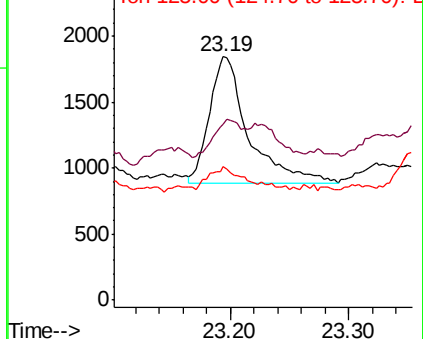
125 54.9 9.0 13.6#

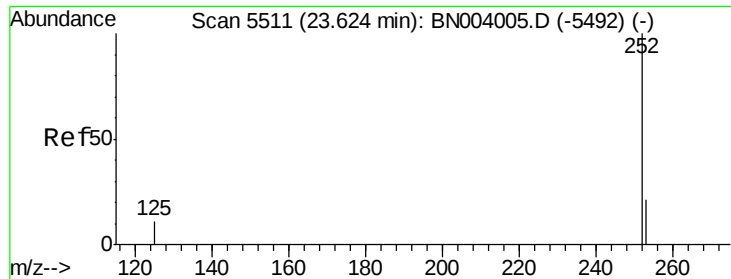


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.624 ng/ul

RT: 23.77 min Scan# 5560

Delta R.T. 0.14 min

Lab File: BN004011.D

Acq: 17 Dec 2018 00:40

Instrument :

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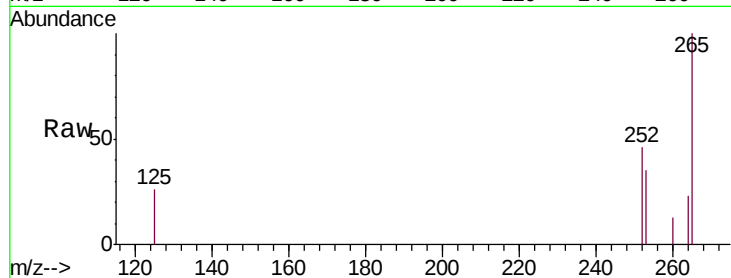
Tgt Ion: 252 Resp: 1840

Ion Ratio Lower Upper

252 100

253 76.2 19.0 28.4#

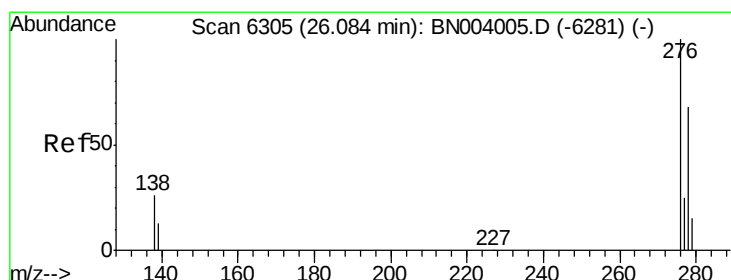
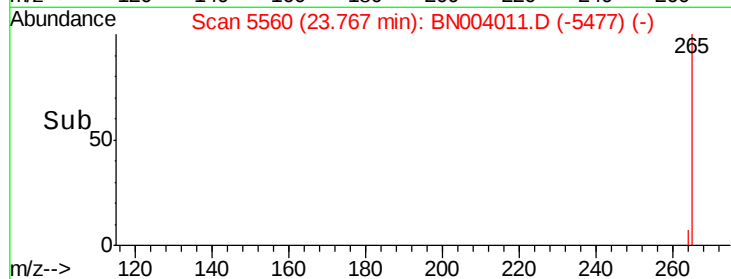
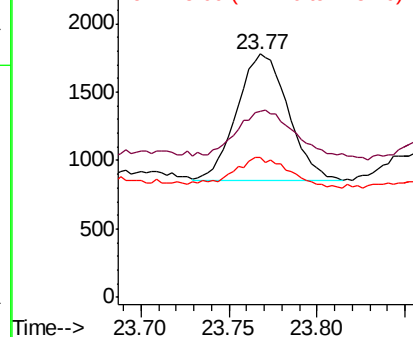
125 57.3 10.2 15.4#



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: 0.307 ng/ul

RT: 26.20 min Scan# 6339

Delta R.T. 0.11 min

Lab File: BN004011.D

Acq: 17 Dec 2018 00:40

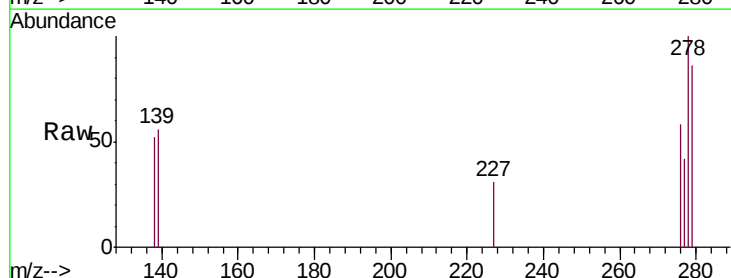
Tgt Ion: 276 Resp: 1037

Ion Ratio Lower Upper

276 100

138 0.0 20.3 30.5#

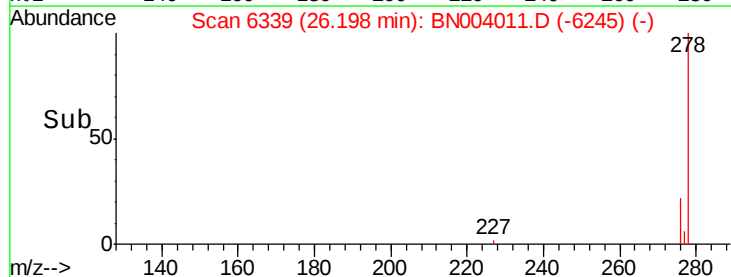
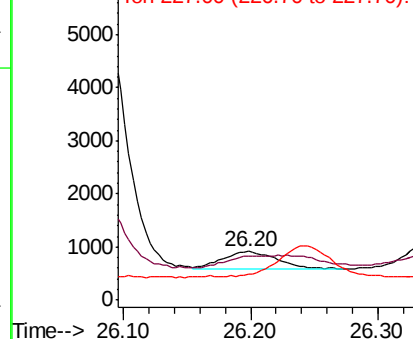
227 0.0 0.2 0.2#

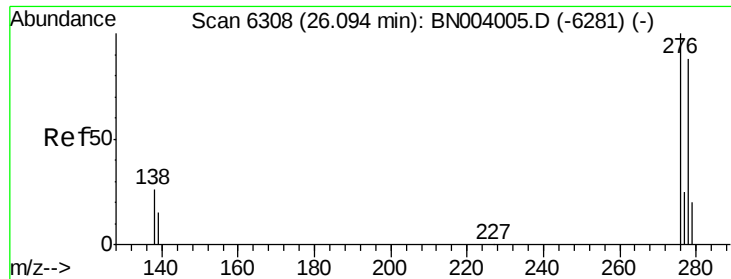


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 1.215 ng/ul

RT: 26.19 min Scan# 6338

Delta R.T. 0.10 min

Lab File: BN004011.D

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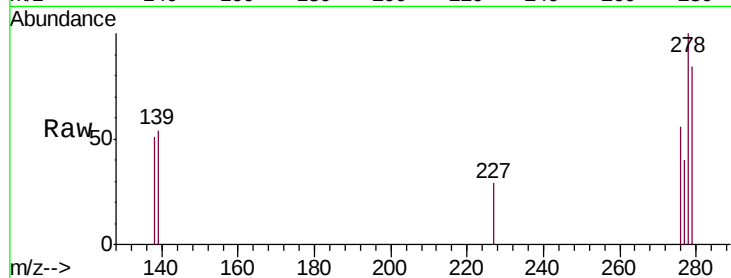
Tgt Ion:278 Resp: 3307

Ion Ratio Lower Upper

278 100

139 54.0 14.2 21.4#

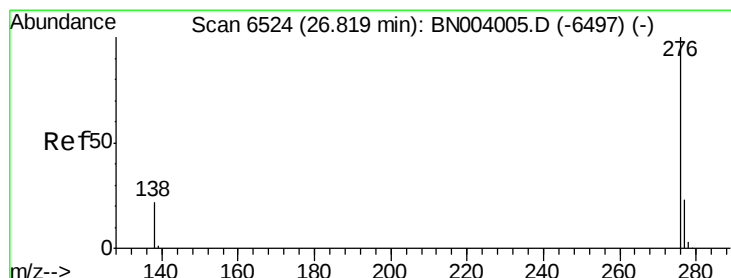
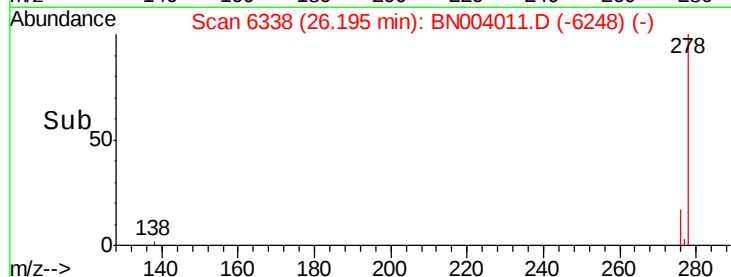
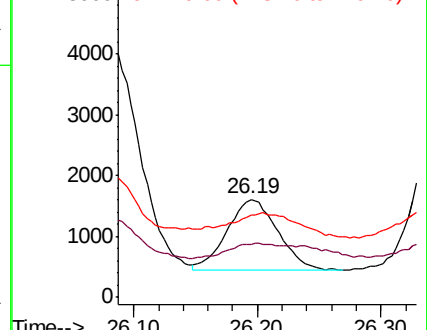
279 83.6 19.8 29.6#



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: 11.636 ng/ul

RT: 26.81 min Scan# 6521

Delta R.T. -0.01 min

Lab File: BN004011.D

Acq: 17 Dec 2018 00:40

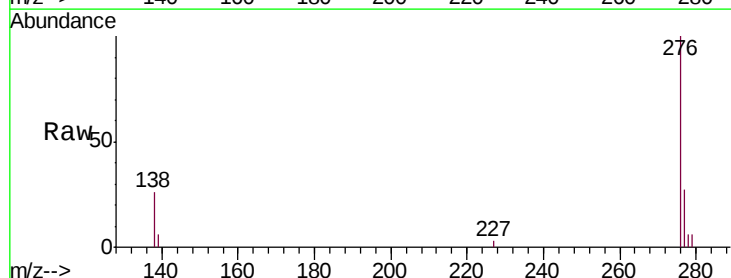
Tgt Ion:276 Resp: 34190

Ion Ratio Lower Upper

276 100

138 26.3 17.7 26.5

277 26.7 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

