

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031218\
 Data File : BN000303.D
 Acq On : 12 Mar 2018 10:52
 Operator : JU/SJ
 Sample : J1843-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM58

Quant Time: Mar 12 13:59:36 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 09 23:47:40 2018
 Response via : Initial Calibration

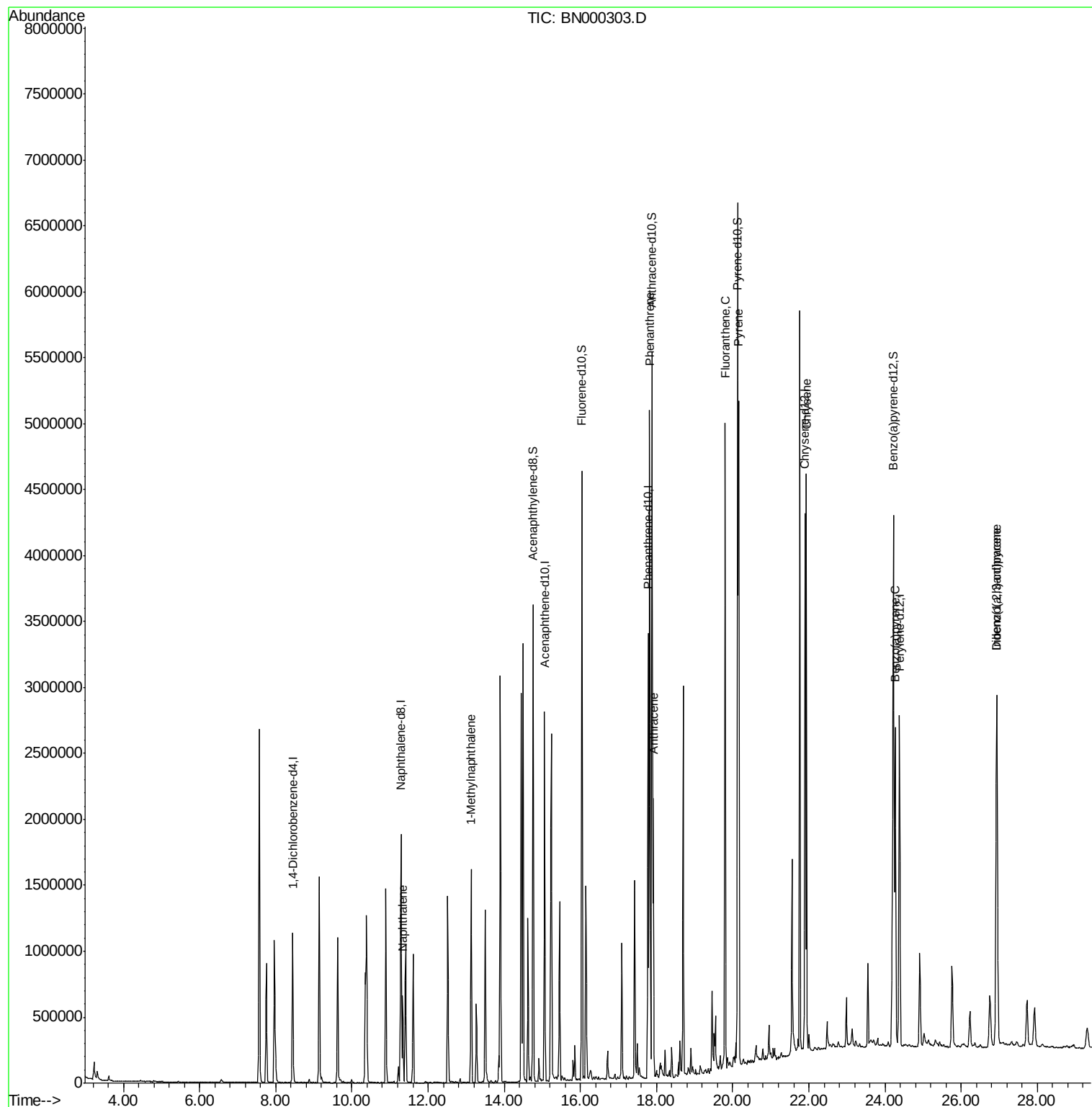
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	304090	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1569711	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	904853	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1862623	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1791583	20.00	ng/ul	0.00
22) Perylene-d12	24.38	264	1747499	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2436390	27.13	ng/ul	0.00
10) Fluorene-d10	16.04	176	1734049	28.51	ng/ul	0.00
14) Anthracene-d10	17.88	188	2837605	32.61	ng/ul	0.00
18) Pyrene-d10	20.13	212	3059541	34.91	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.22	264	2779533	34.83	ng/ul	0.01
Target Compounds						
3) Naphthalene	11.33	128	546616	6.599	ng/ul	99
5) 1-Methylnaphthalene	13.13	142	742726	12.692	ng/ul#	92
13) Phenanthrene	17.82	178	2865501	26.825	ng/ul	98
15) Anthracene	17.92	178	1240993	11.449	ng/ul	99
16) Fluoranthene	19.80	202	2625568	22.749	ng/ul#	92
19) Pyrene	20.16	202	2757852	24.382	ng/ul#	91
21) Chrysene	21.93	228	2088324	19.758	ng/ul	99
26) Benzo(a)pyrene	24.27	252	1710001	17.242	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.93	276	2059823	19.263	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.94	278	1100824	12.559	ng/ul#	93

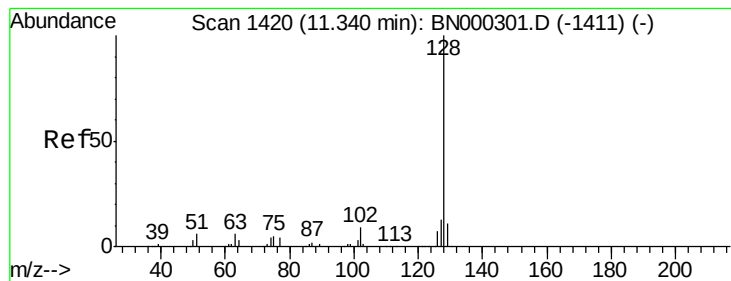
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 6.599 ng/ul

RT: 11.33 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BN000303.D

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ClientSampleId :

DAM58

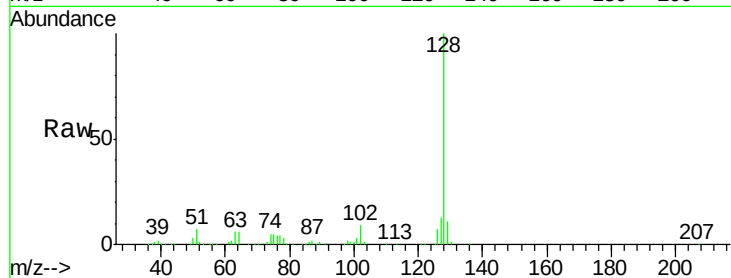
Tgt Ion:128 Resp: 546616

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

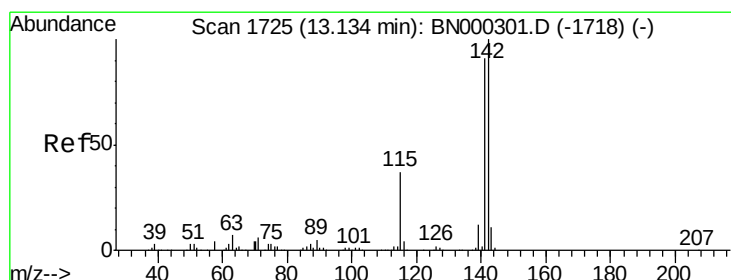
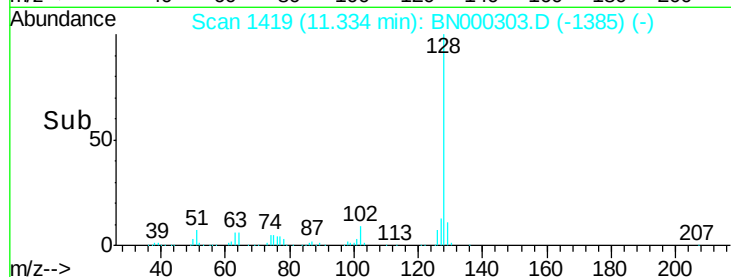
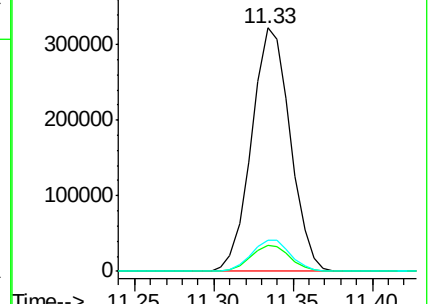
127 12.6 10.6 16.0



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

1-Methylnaphthalene

Concen: 12.692 ng/ul

RT: 13.13 min Scan# 1725

Delta R.T. 0.01 min

Lab File: BN000303.D

Acq: 12 Mar 2018 10:52

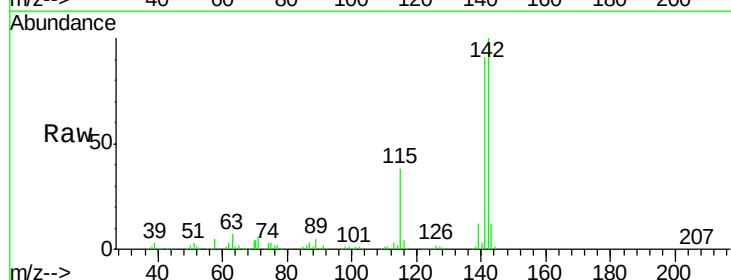
Tgt Ion:142 Resp: 742726

Ion Ratio Lower Upper

142 100

141 91.4 79.3 118.9

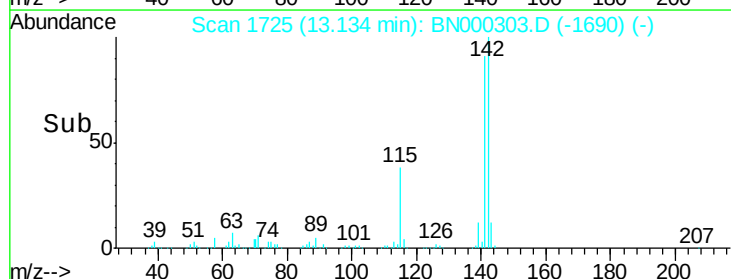
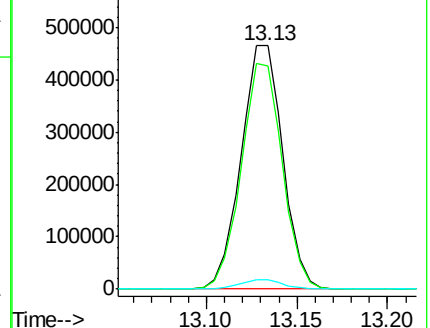
116 4.0 4.2 6.2#

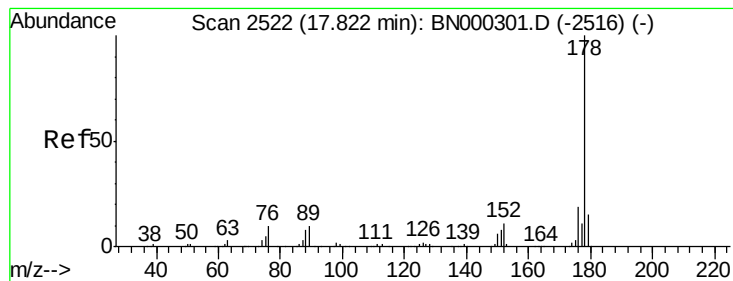


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#13

Phenanthrene

Concen: 26.825 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BN000303.D

Acq: 12 Mar 2018 10:52

Instrument :

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ClientSampleId :

DAM58

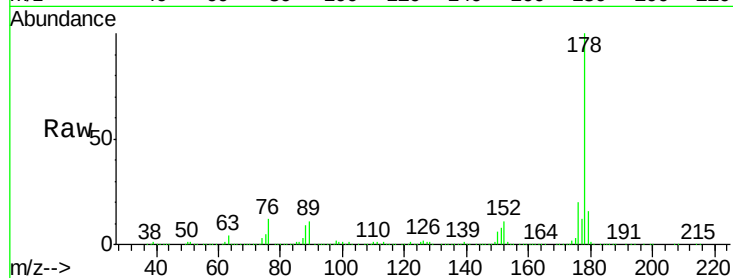
Tgt Ion:178 Resp: 2865501

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

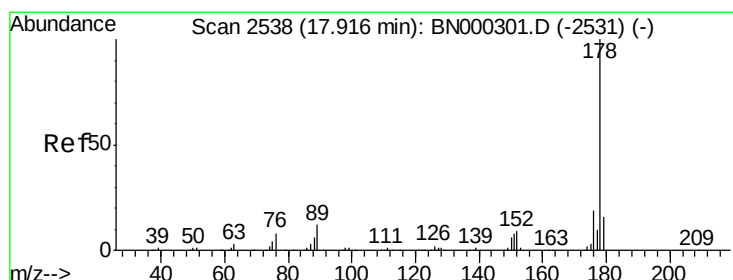
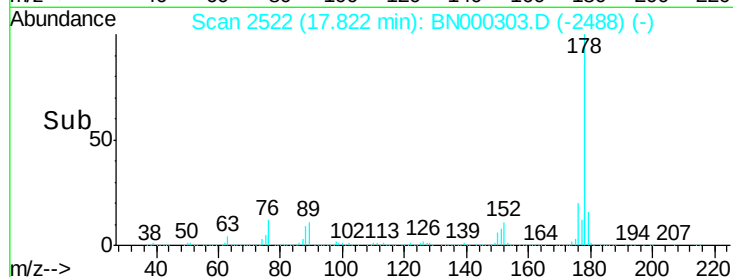
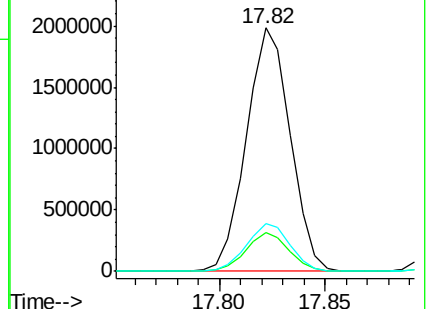
176 19.7 15.1 22.7



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

Anthracene

Concen: 11.449 ng/ul

RT: 17.92 min Scan# 2538

Delta R.T. 0.01 min

Lab File: BN000303.D

Acq: 12 Mar 2018 10:52

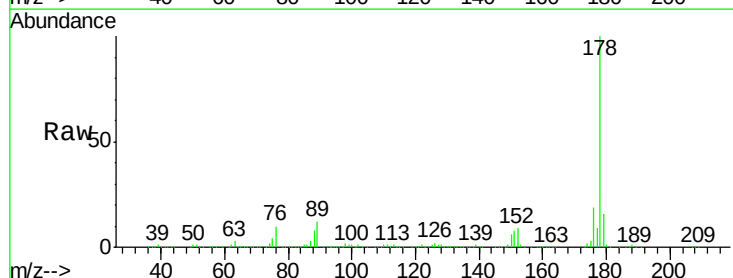
Tgt Ion:178 Resp: 1240993

Ion Ratio Lower Upper

178 100

179 15.6 11.8 17.8

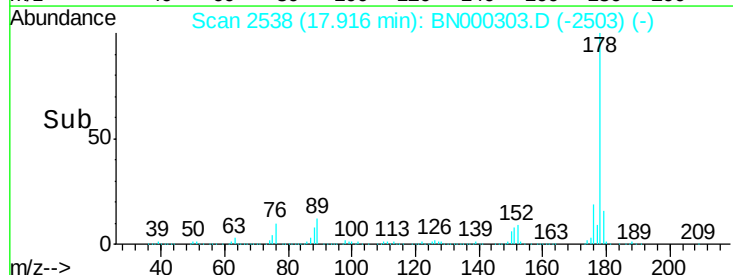
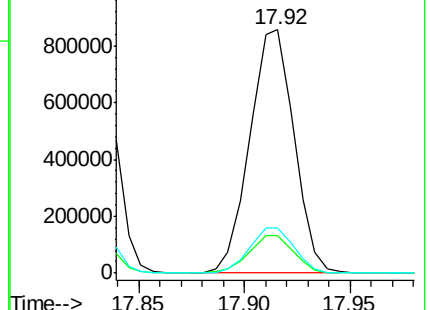
176 18.7 15.2 22.8

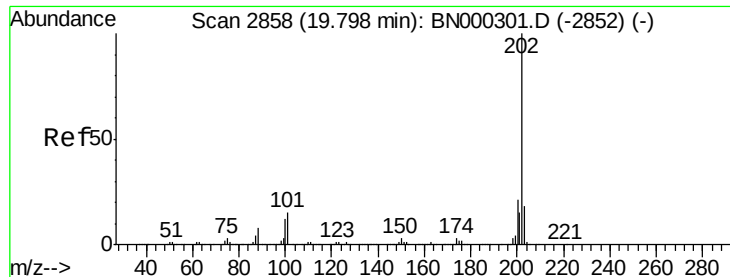


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 22.749 ng/ul

RT: 19.80 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BN000303.D

Acq: 12 Mar 2018 10:52

Instrument :

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ClientSampleId :

DAM58

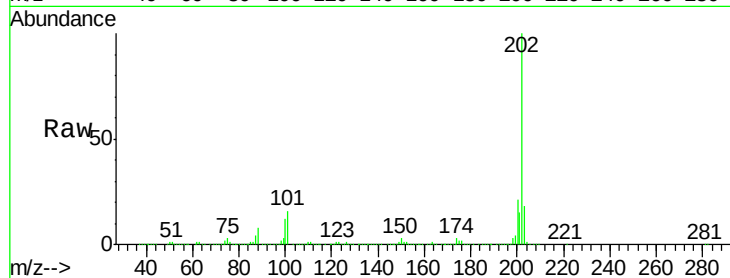
Tgt Ion:202 Resp: 2625568

Ion Ratio Lower Upper

202 100

101 15.7 9.9 14.9#

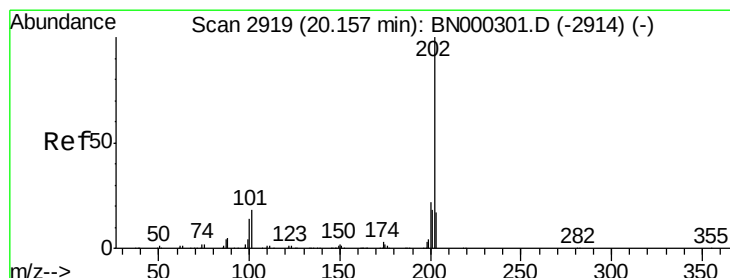
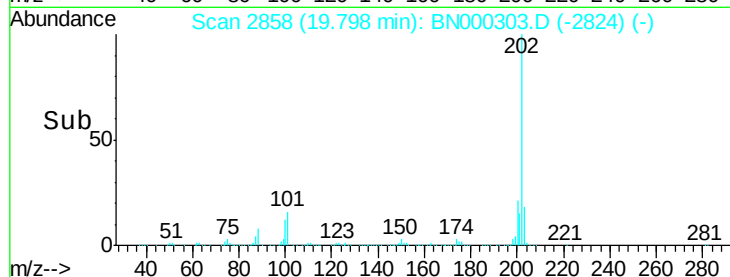
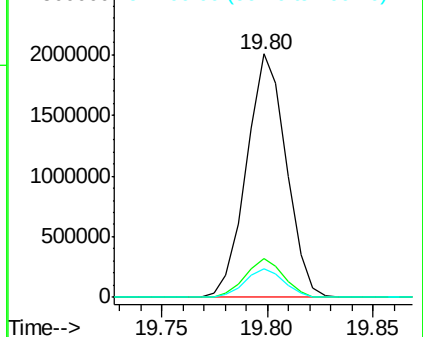
100 11.8 7.4 11.0#



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



#19

Pyrene

Concen: 24.382 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. 0.01 min

Lab File: BN000303.D

Acq: 12 Mar 2018 10:52

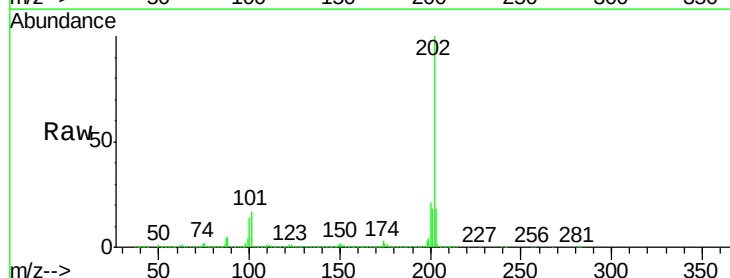
Tgt Ion:202 Resp: 2757852

Ion Ratio Lower Upper

202 100

101 17.0 11.0 16.4#

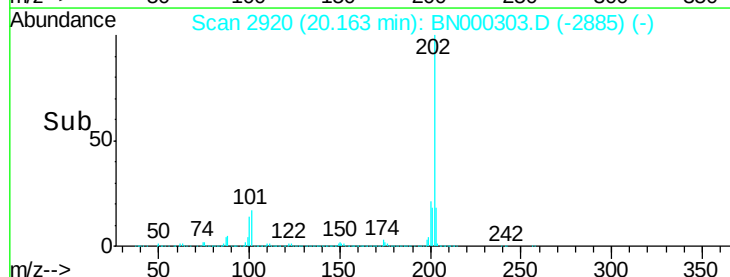
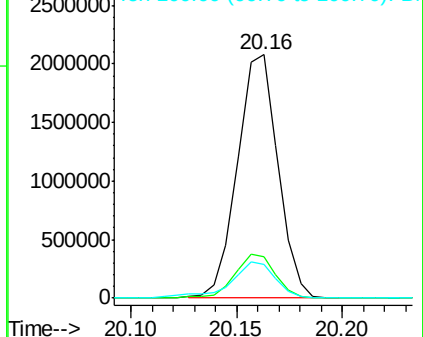
100 14.0 8.1 12.1#

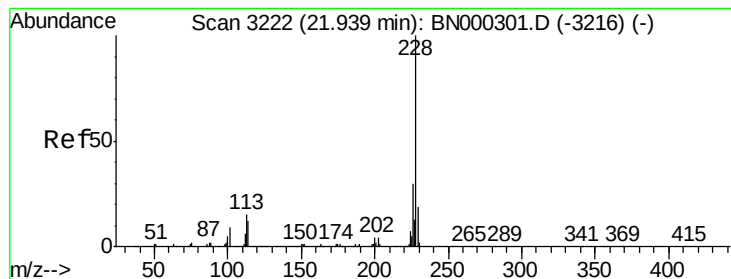


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Chrysene

Concen: 19.758 ng/ul

RT: 21.93 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BN000303.D

Acq: 12 Mar 2018 10:52

Instrument :

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ClientSampleId :

DAM58

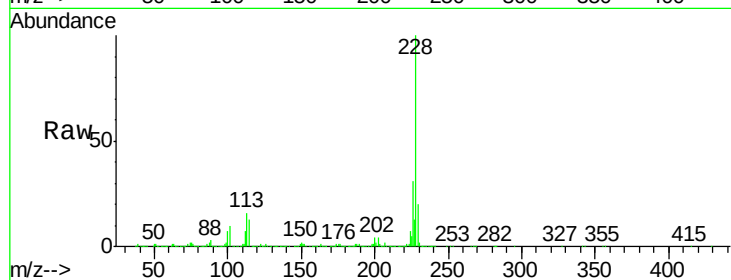
Tgt Ion:228 Resp: 2088324

Ion Ratio Lower Upper

228 100

226 31.1 24.5 36.7

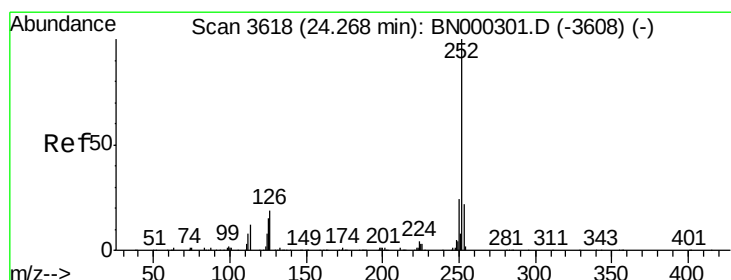
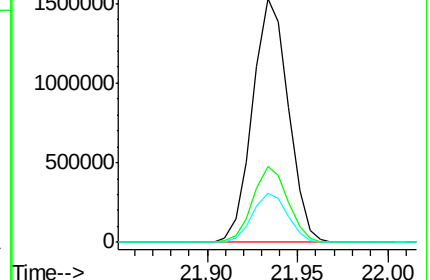
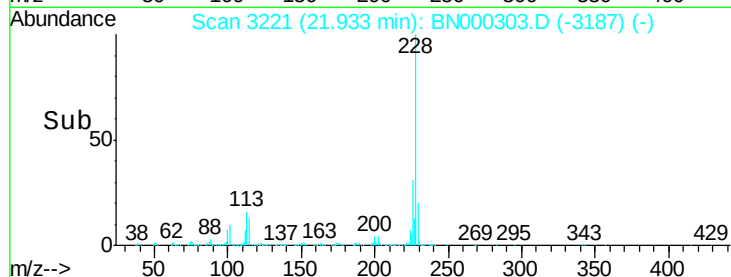
229 20.2 15.8 23.8



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



#26

Benzo(a)pyrene

Concen: 17.242 ng/ul

RT: 24.27 min Scan# 3618

Delta R.T. 0.01 min

Lab File: BN000303.D

Acq: 12 Mar 2018 10:52

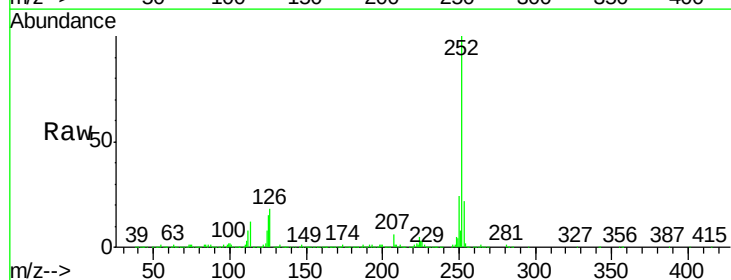
Tgt Ion:252 Resp: 1710001

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

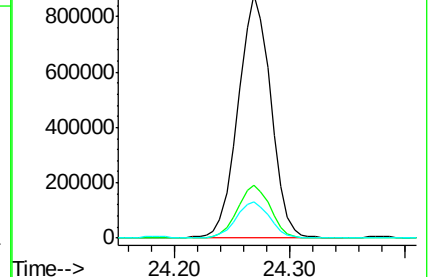
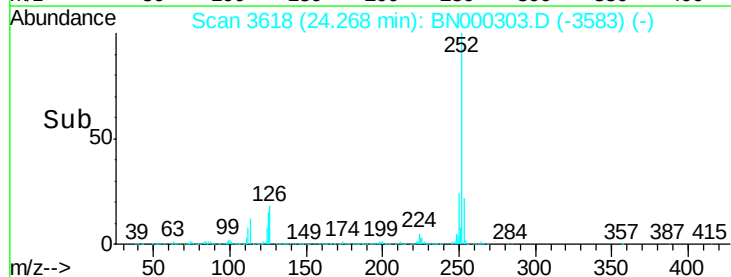
125 15.1 8.2 12.4#

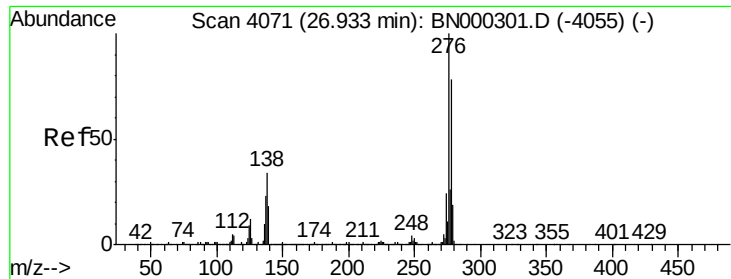


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Indeno(1,2,3-cd)pyrene

Concen: 19.263 ng/ul

RT: 26.93 min Scan# 4071

Delta R.T. 0.01 min

Lab File: BN000303.D

Acq: 12 Mar 2018 10:52

Instrument :

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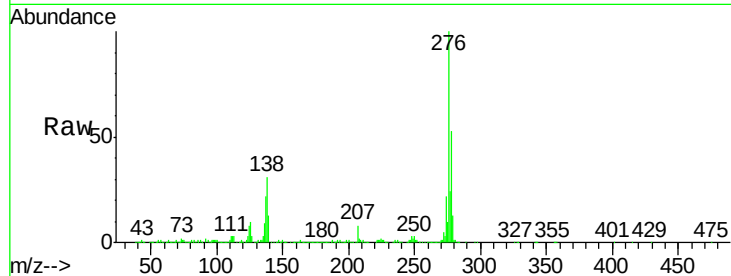
Tgt Ion:276 Resp: 2059823

Ion Ratio Lower Upper

276 100

138 31.4 14.4 21.6#

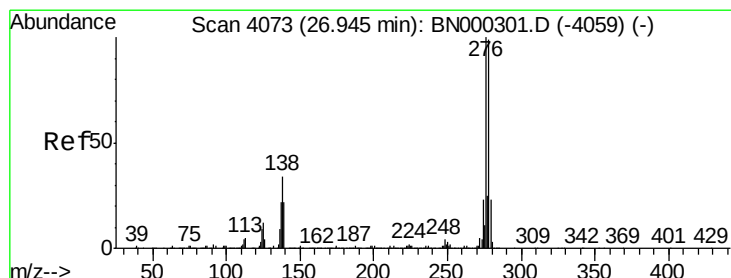
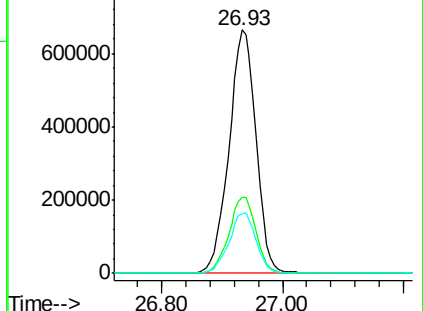
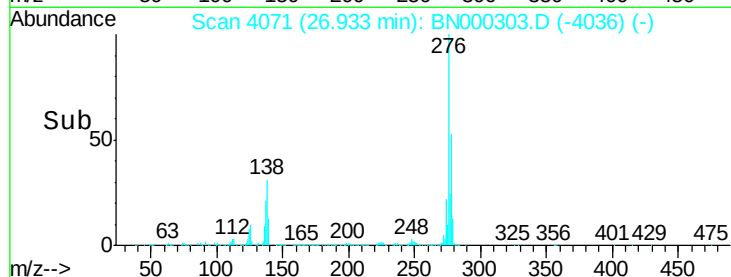
277 24.5 18.0 27.0



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



#28

Dibenzo(a,h)anthracene

Concen: 12.559 ng/ul

RT: 26.94 min Scan# 4072

Delta R.T. -0.00 min

Lab File: BN000303.D

Acq: 12 Mar 2018 10:52

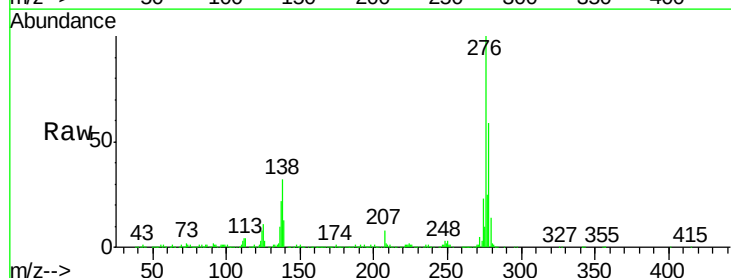
Tgt Ion:278 Resp: 1100824

Ion Ratio Lower Upper

278 100

139 22.5 12.2 18.4#

279 24.0 19.2 28.8



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

