

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030918\
 Data File : BN000295.D
 Acq On : 09 Mar 2018 22:54
 Operator : JU/SJ
 Sample : J1844-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 10 02:38:22 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

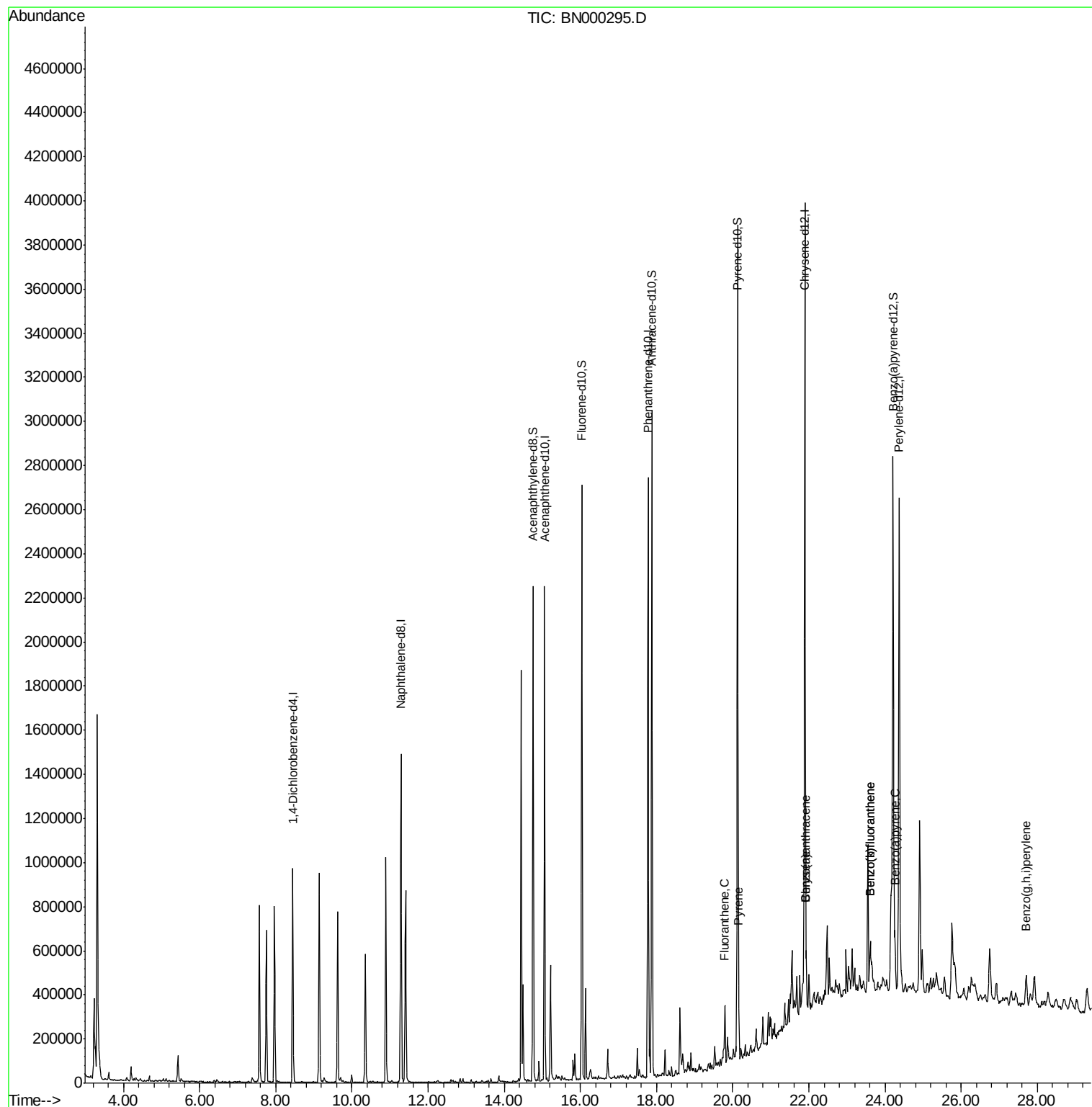
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	257109	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1240882	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	699806	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1517963	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1548087	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1578252	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1530986	22.04	ng/ul	0.00
10) Fluorene-d10	16.04	176	1034761	22.00	ng/ul	0.00
14) Anthracene-d10	17.87	188	1563371	22.04	ng/ul	0.00
18) Pyrene-d10	20.13	212	1726449	22.80	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.21	264	1623447	22.53	ng/ul	0.00
Target Compounds				Ovalue		
16) Fluoranthene	19.80	202	141820	1.508	ng/ul#	94
19) Pyrene	20.16	202	156012	1.596	ng/ul#	93
20) Benzo(a)anthracene	21.93	228	167310	1.738	ng/ul	94
21) Chrysene	21.93	228	164430	1.800	ng/ul	96
23) Benzo(b)fluoranthene	23.62	252	159005	1.690	ng/ul#	94
24) Benzo(k)fluoranthene	23.62	252	159005	1.805	ng/ul#	95
26) Benzo(a)pyrene	24.26	252	162245	1.811	ng/ul#	94
29) Benzo(g,h,i)perylene	27.71	276	173210	2.148	ng/ul#	85

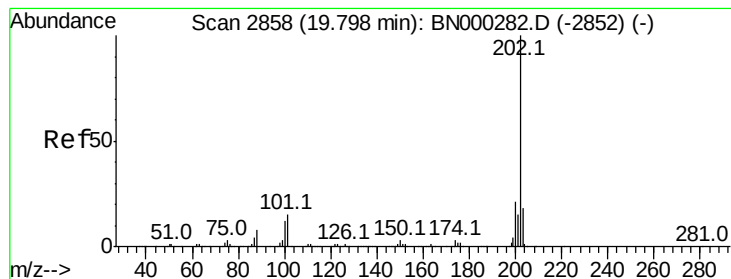
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Fluoranthene

Concen: 1.508 ng/ul

RT: 19.80 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BN000295.D

Acq: 09 Mar 2018 22:54

Instrument :

BNA_N

ClientSampled :

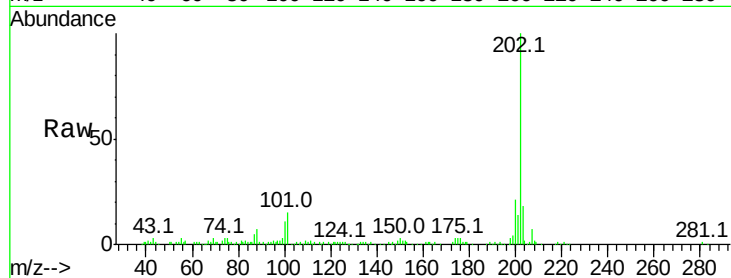
Tot Ion:202 Resp: 141820

Ion Ratio Lower Upper

202 100

101 14.9 9.9 14.9#

100 11.4 7.4 11.0#

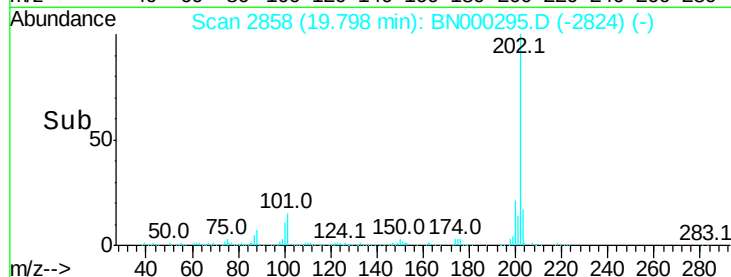


Abundance Ion 202.00 (201.70 to 202.70): E

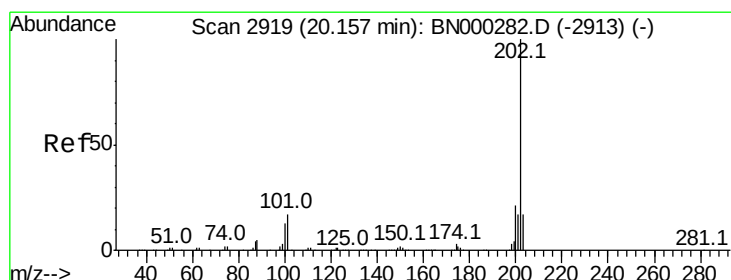
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.80



Time-->



#19

Pyrene

Concen: 1.596 ng/ul

RT: 20.16 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BN000295.D

Acq: 09 Mar 2018 22:54

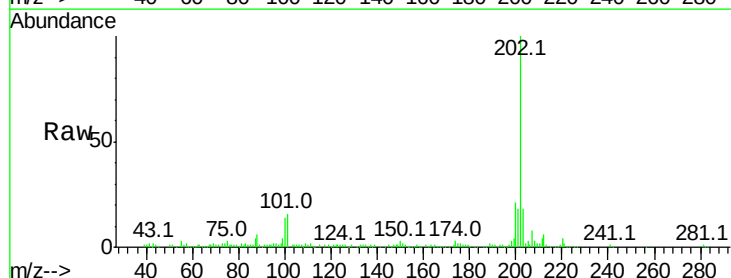
Tgt Ion:202 Resp: 156012

Ion Ratio Lower Upper

202 100

101 15.7 11.0 16.4

100 13.6 8.1 12.1#

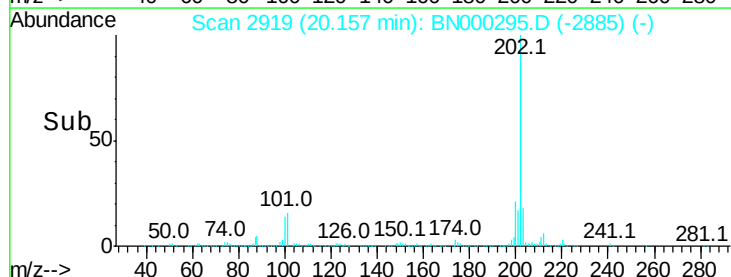


Abundance Ion 202.00 (201.70 to 202.70): E

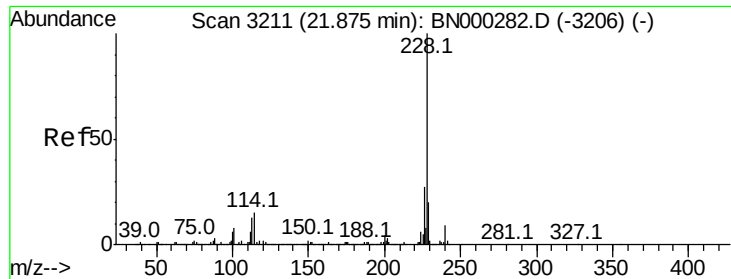
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

20.16



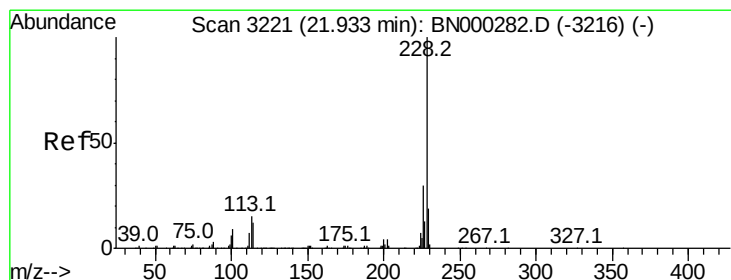
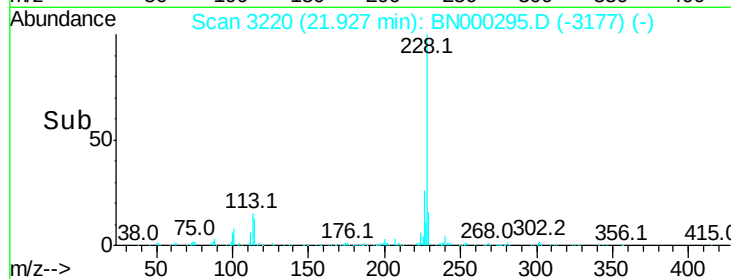
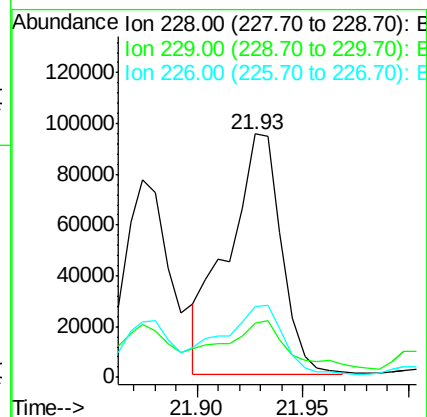
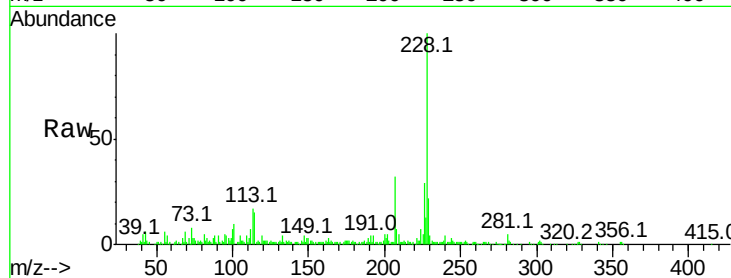
Time-->



#20
Benzo(a)anthracene
Concen: 1.738 ng/ul
RT: 21.93 min Scan# 3220
Delta R.T. 0.05 min
Lab File: BN000295.D
Acq: 09 Mar 2018 22:54

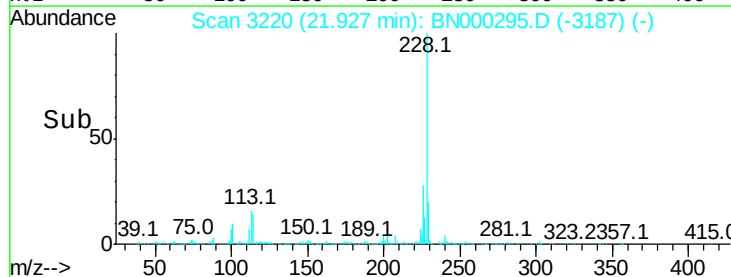
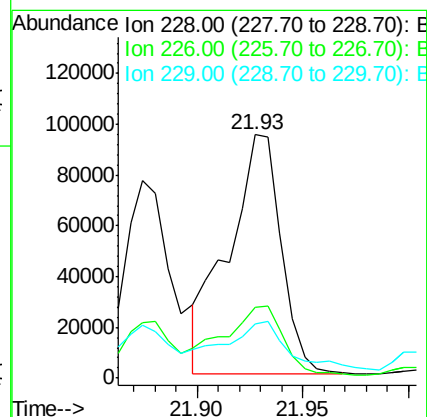
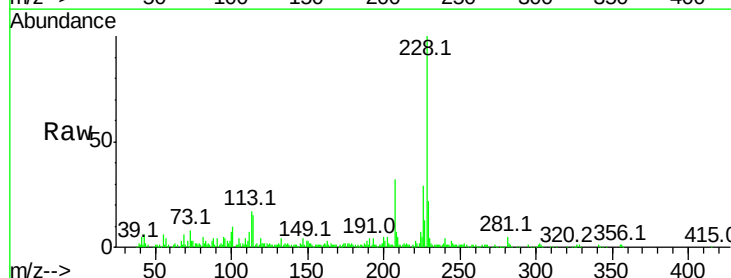
Instrument :
BNA_N
ClientSampleId :

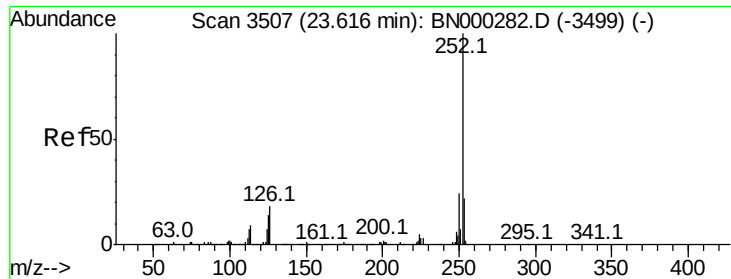
Tot Ion:228 Resp: 167310
Ion Ratio Lower Upper
228 100
229 22.4 15.7 23.5
226 29.0 21.1 31.7



#21
Chrysene
Concen: 1.800 ng/ul
RT: 21.93 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BN000295.D
Acq: 09 Mar 2018 22:54

Tgt Ion:228 Resp: 164430
Ion Ratio Lower Upper
228 100
226 29.0 24.5 36.7
229 22.4 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 1.690 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.00 min

Lab File: BN000295.D

Acq: 09 Mar 2018 22:54

Instrument :

BNA_N

ClientSampleId :

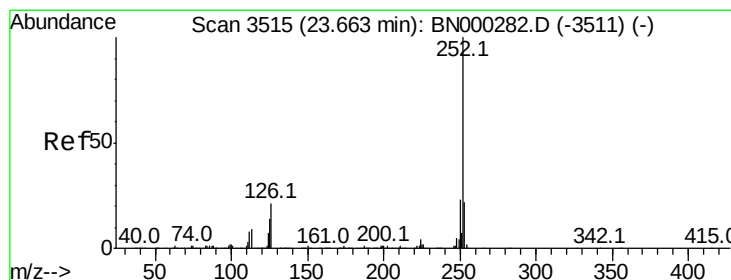
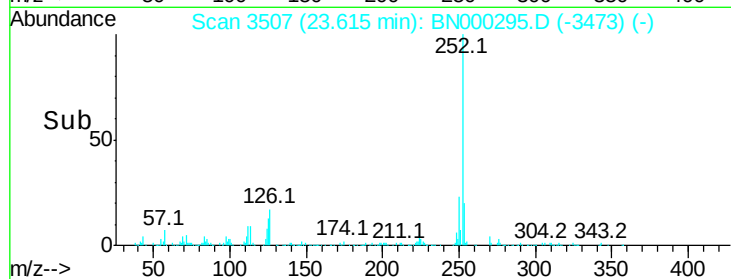
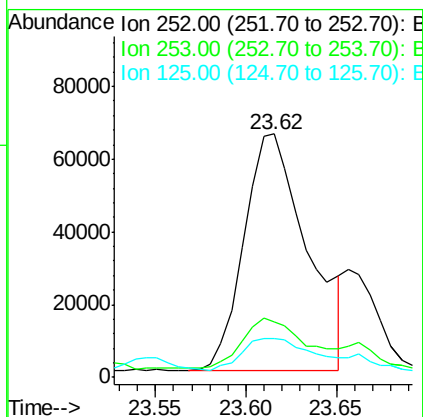
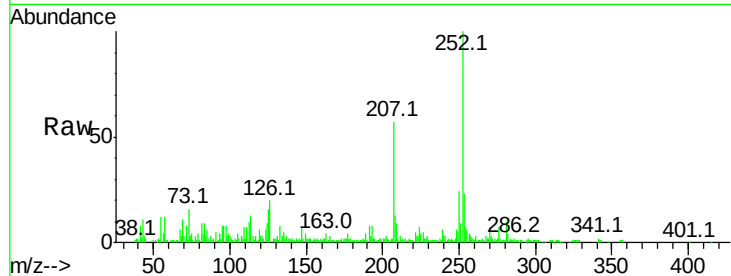
Tot Ion:252 Resp: 159005

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 16.2 8.0 12.0#



#24

Benzo(k)fluoranthene

Concen: 1.805 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.05 min

Lab File: BN000295.D

Acq: 09 Mar 2018 22:54

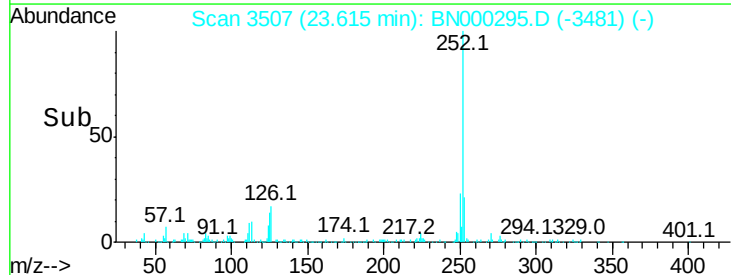
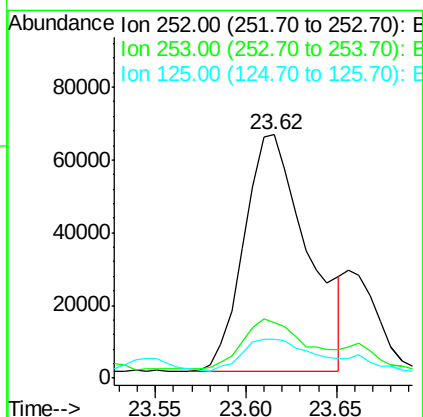
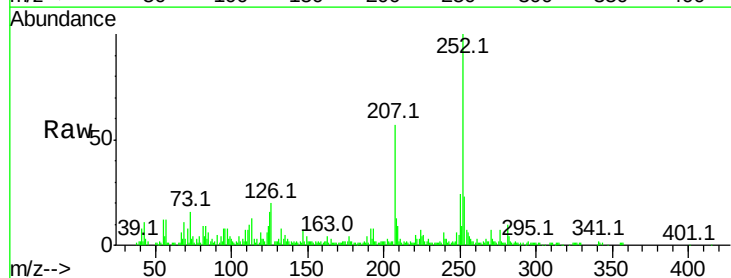
Tgt Ion:252 Resp: 159005

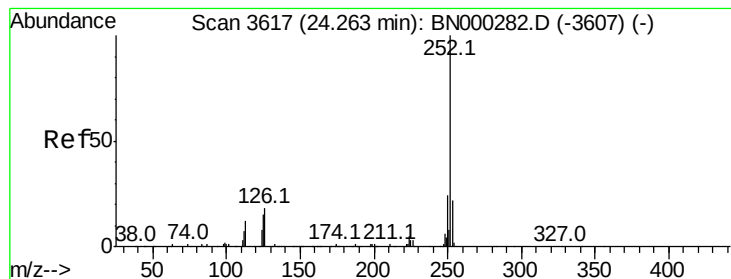
Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 16.2 8.1 12.1#





#26

Benzo(a)pyrene

Concen: 1.811 ng/ul

RT: 24.26 min Scan# 3617

Delta R.T. -0.00 min

Lab File: BN000295.D

Acq: 09 Mar 2018 22:54

Instrument :

BNA_N

ClientSampleId :

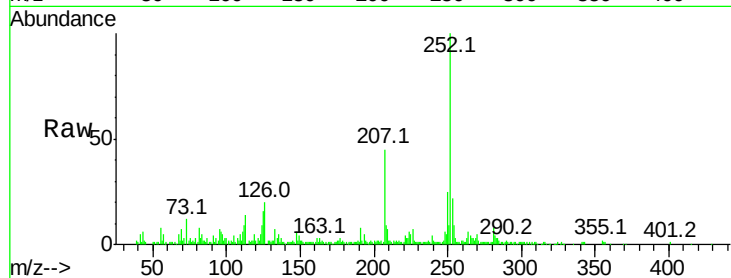
Tot Ion:252 Resp: 162245

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

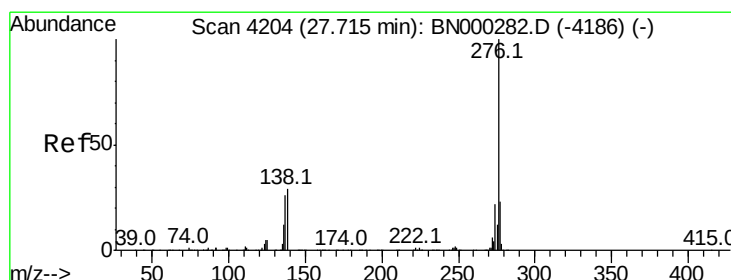
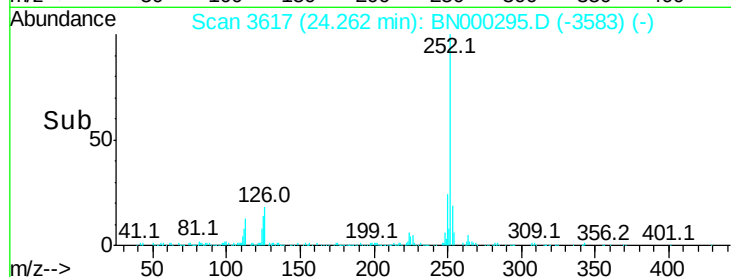
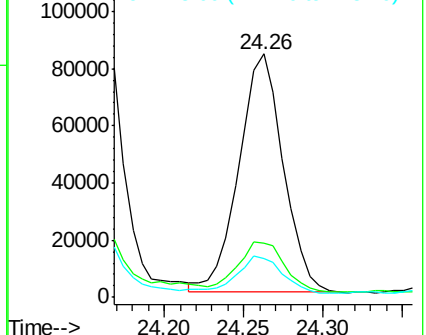
125 15.7 8.2 12.4#



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



#29

Benzo(g,h,i)perylene

Concen: 2.148 ng/ul

RT: 27.71 min Scan# 4203

Delta R.T. -0.01 min

Lab File: BN000295.D

Acq: 09 Mar 2018 22:54

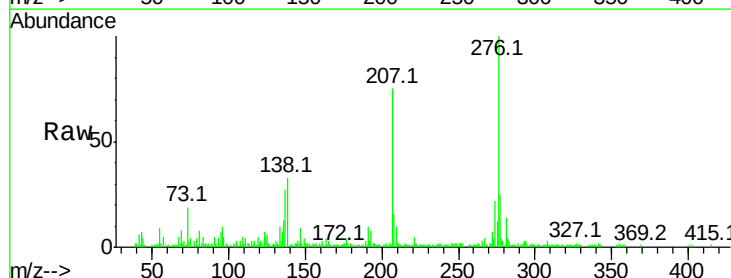
Tgt Ion:276 Resp: 173210

Ion Ratio Lower Upper

276 100

138 32.9 15.3 22.9#

277 24.9 19.0 28.4



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

