

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031218\
 Data File : BN000304.D
 Acq On : 12 Mar 2018 11:27
 Operator : JU/SJ
 Sample : J1843-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM68

Quant Time: Mar 12 12:03:14 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

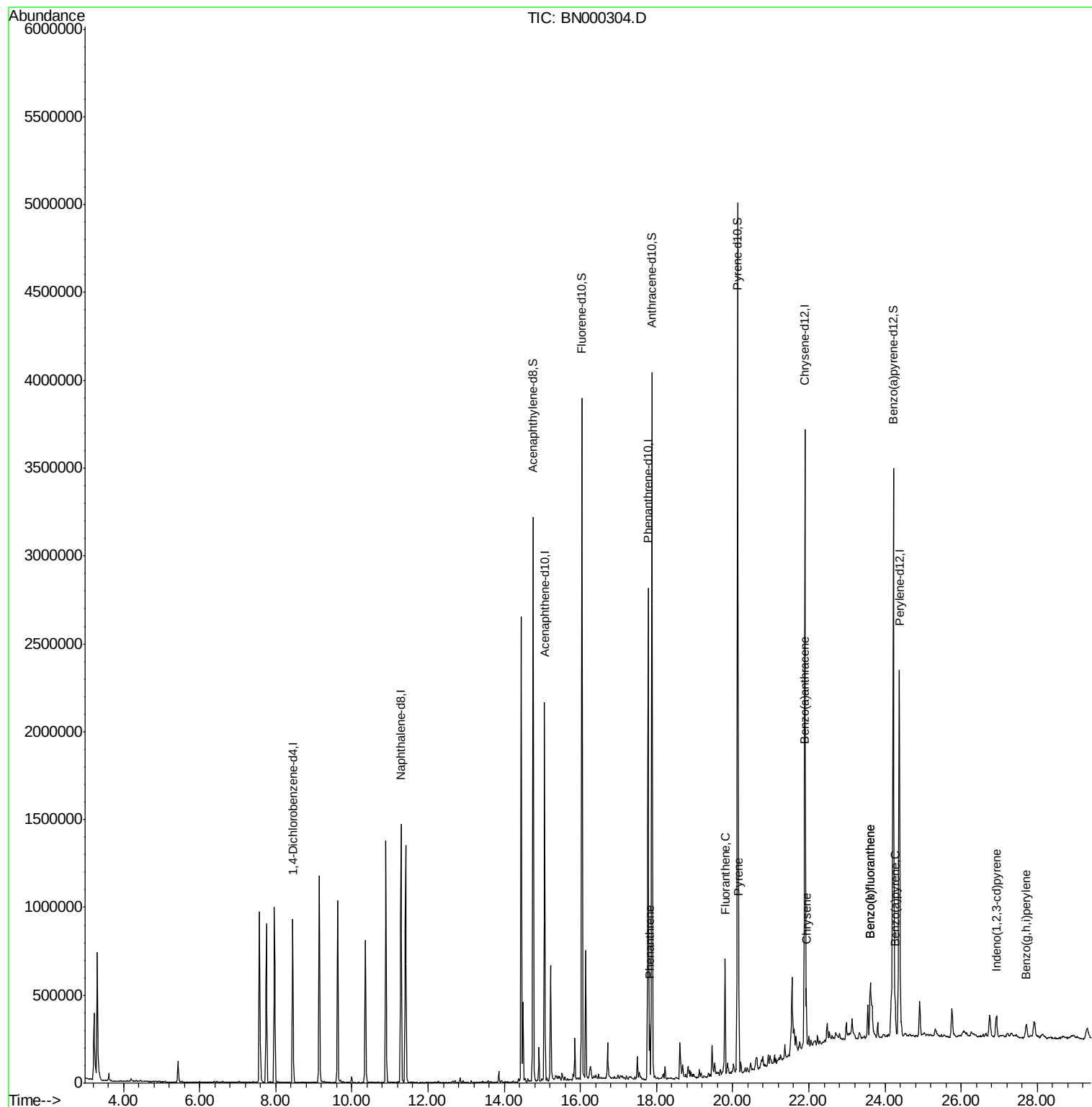
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	247590	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1225847	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	704912	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1502182	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1523470	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1509240	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2145726	30.67	ng/ul	0.00
10) Fluorene-d10	16.04	176	1426660	30.11	ng/ul	0.00
14) Anthracene-d10	17.87	188	2155552	30.71	ng/ul	0.00
18) Pyrene-d10	20.13	212	2322805	31.17	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.22	264	2156787	31.29	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.82	178	167028	1.939	ng/ul	99
16) Fluoranthene	19.80	202	355965	3.824	ng/ul	94
19) Pyrene	20.16	202	328034	3.410	ng/ul#	89
20) Benzo(a)anthracene	21.87	228	170694	1.802	ng/ul	97
21) Chrysene	21.93	228	174929	1.946	ng/ul	97
23) Benzo(b)fluoranthene	23.62	252	238448	2.650	ng/ul#	94
24) Benzo(k)fluoranthene	23.62	252	238448	2.831	ng/ul#	94
26) Benzo(a)pyrene	24.26	252	157712	1.841	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.92	276	100429	1.087	ng/ul#	90
29) Benzo(g,h,i)perylene	27.70	276	86796	1.126	ng/ul#	88

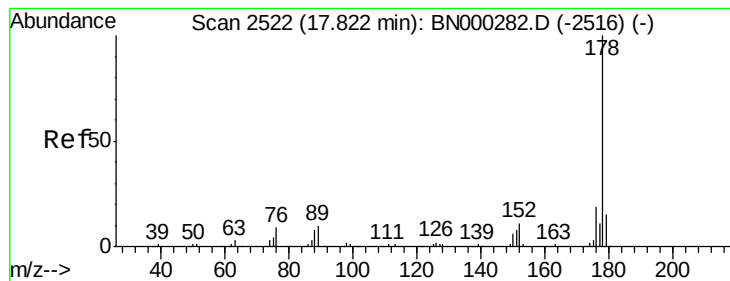
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.939 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BN000304.D

Acq: 12 Mar 2018 11:27

Instrument :

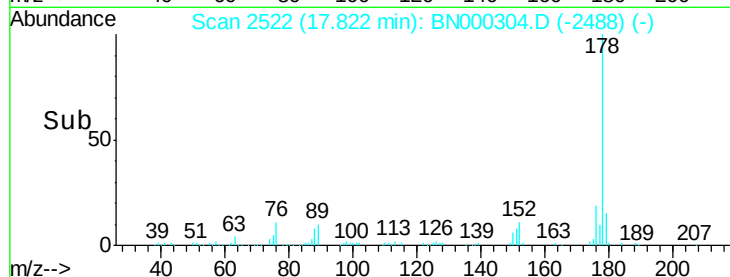
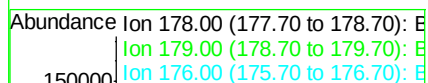
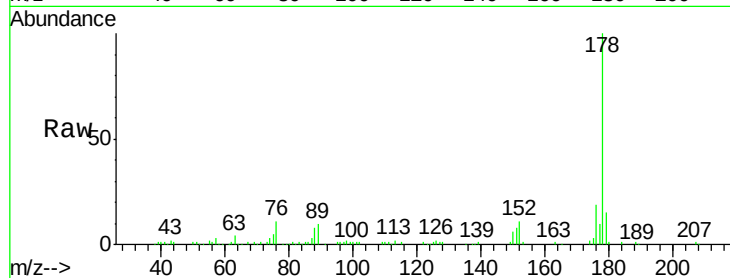
BNA_N

ClientSampleId :

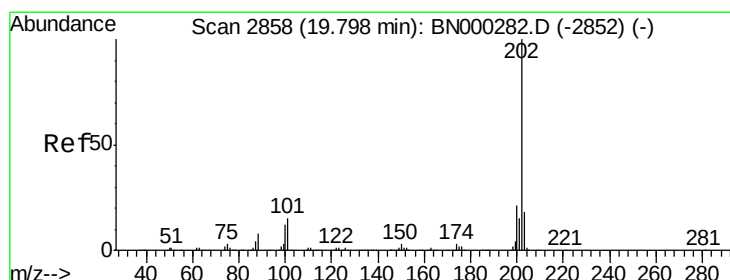
DAM68

Tot Ion:178 Resp: 167028

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	18.8	15.1	22.7



Time-->



#16

Fluoranthene

Concen: 3.824 ng/ul

RT: 19.80 min Scan# 2858

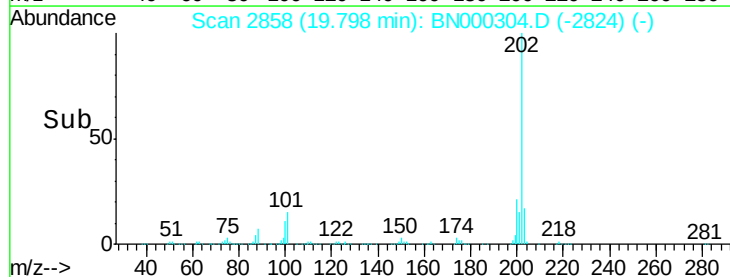
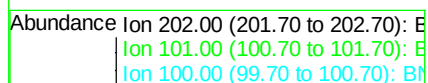
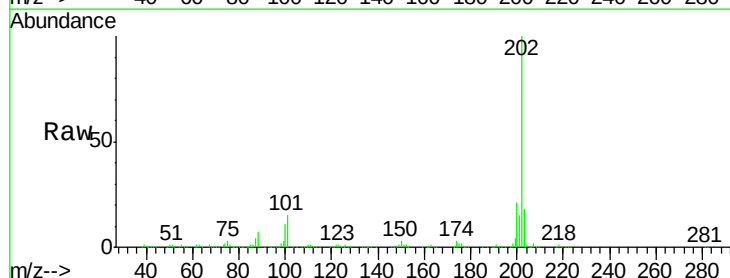
Delta R.T. -0.00 min

Lab File: BN000304.D

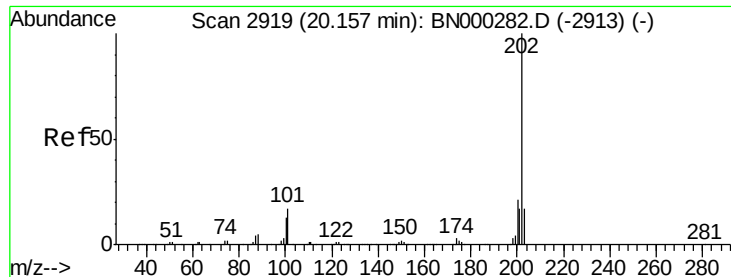
Acq: 12 Mar 2018 11:27

Tgt Ion:202 Resp: 355965

Ion	Ratio	Lower	Upper
202	100		
101	14.8	9.9	14.9
100	10.9	7.4	11.0



Time-->



#19

Pvrene

Concen: 3.410 ng/ul

RT: 20.16 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BN000304.D

Acq: 12 Mar 2018 11:27

Instrument :

BNA_N

ClientSampleId :

DAM68

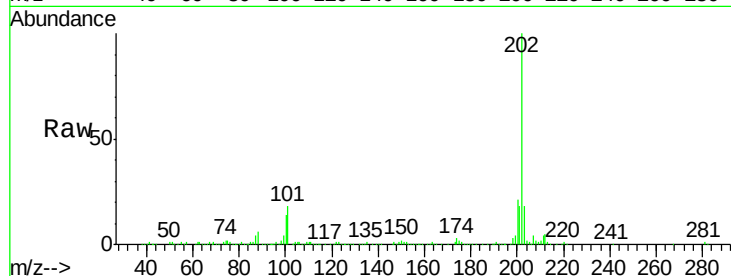
Tot Ion:202 Resp: 328034

Ion Ratio Lower Upper

202 100

101 17.8 11.0 16.4#

100 14.3 8.1 12.1#

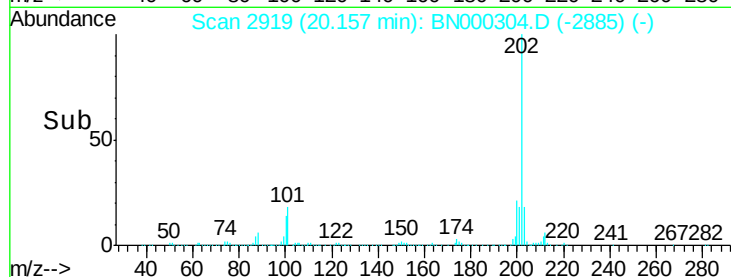


Abundance Ion 202.00 (201.70 to 202.70): E

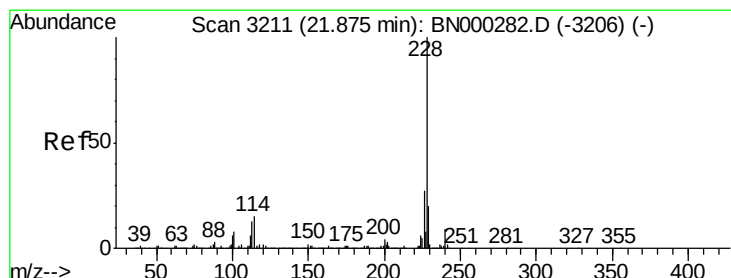
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->



Time-->



#20

Benzo(a)anthracene

Concen: 1.802 ng/ul

RT: 21.87 min Scan# 3211

Delta R.T. -0.00 min

Lab File: BN000304.D

Acq: 12 Mar 2018 11:27

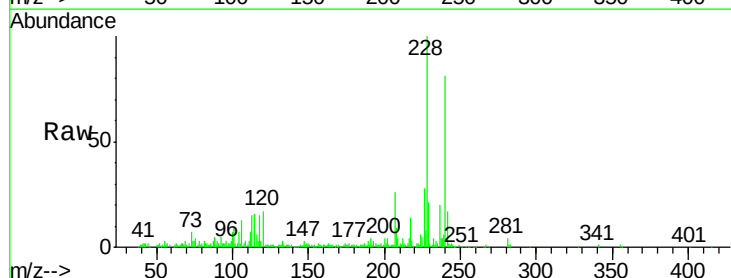
Tgt Ion:228 Resp: 170694

Ion Ratio Lower Upper

228 100

229 21.3 15.7 23.5

226 27.8 21.1 31.7

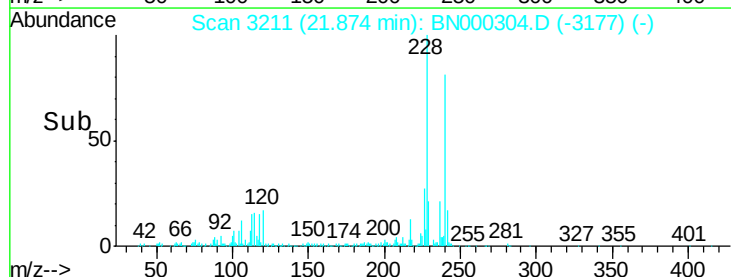


Abundance Ion 228.00 (227.70 to 228.70): E

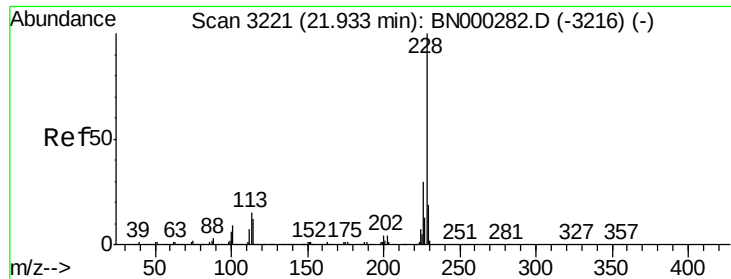
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



Time-->



#21

Chrysene

Concen: 1.946 ng/ul

RT: 21.93 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BN000304.D

Acq: 12 Mar 2018 11:27

Instrument :

BNA_N

ClientSampleId :

DAM68

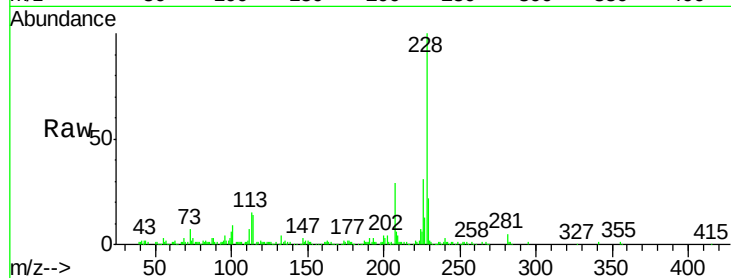
Tot Ion:228 Resp: 174929

Ion Ratio Lower Upper

228 100

226 31.1 24.5 36.7

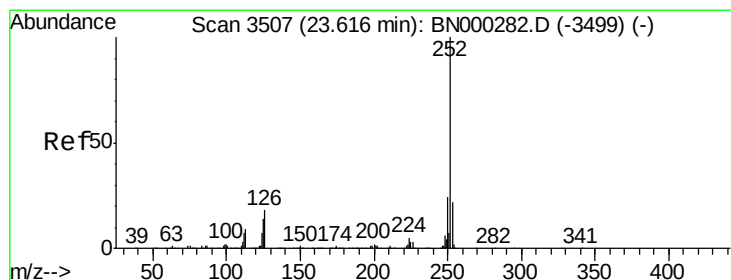
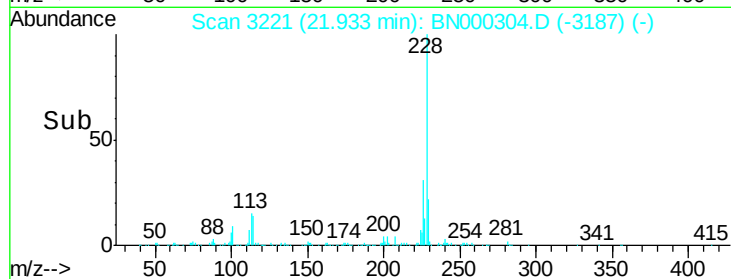
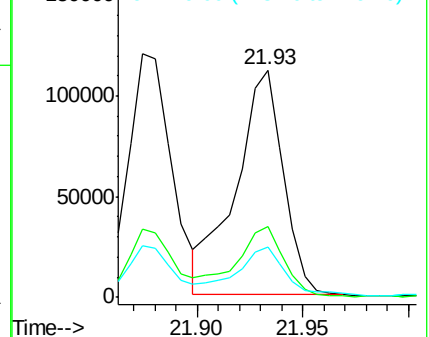
229 22.3 15.8 23.8



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



#23

Benzo(b)fluoranthene

Concen: 2.650 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.00 min

Lab File: BN000304.D

Acq: 12 Mar 2018 11:27

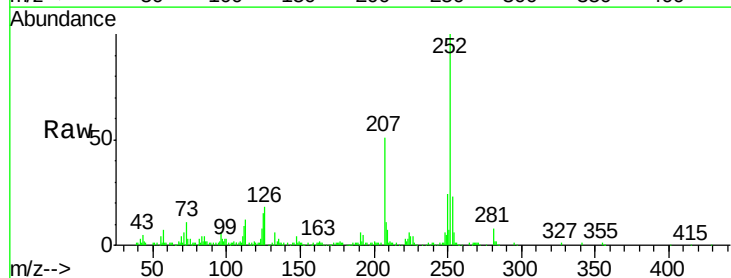
Tgt Ion:252 Resp: 238448

Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

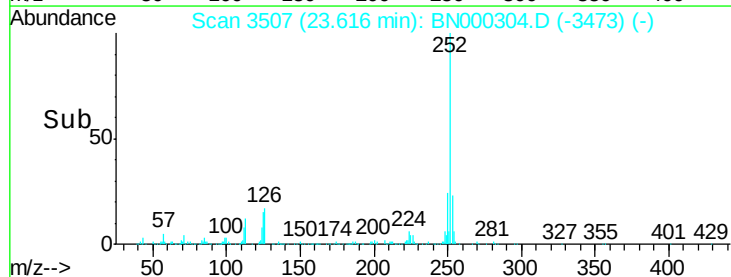
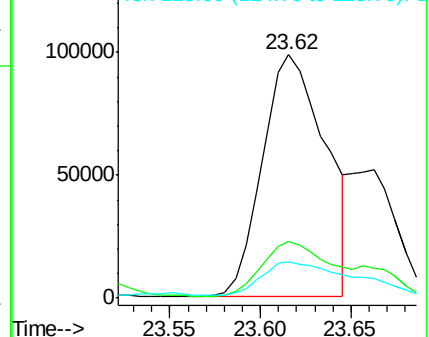
125 15.1 8.0 12.0#

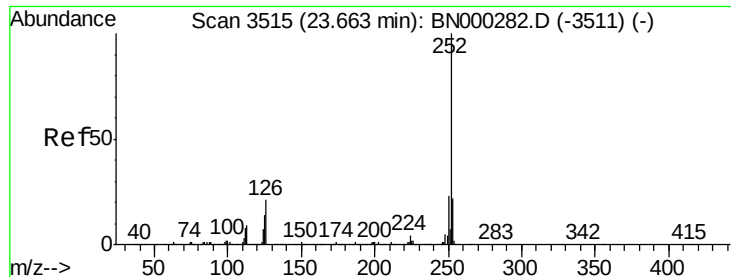


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 2.831 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.05 min

Lab File: BN000304.D

Acq: 12 Mar 2018 11:27

Instrument :

BNA_N

ClientSampled :

DAM68

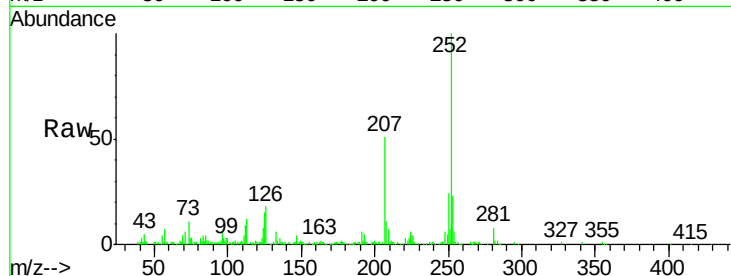
Tot Ion:252 Resp: 238448

Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

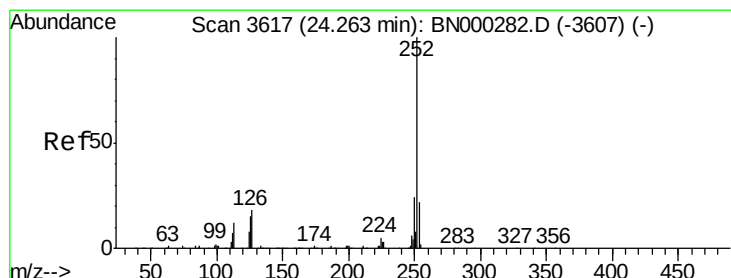
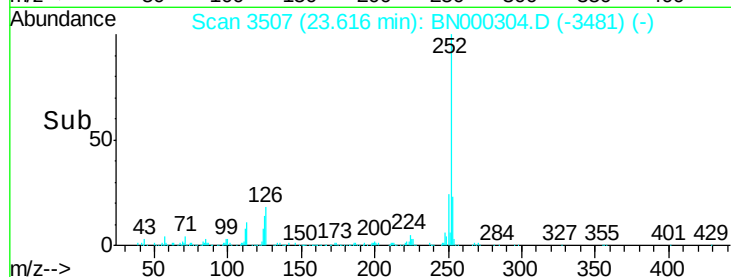
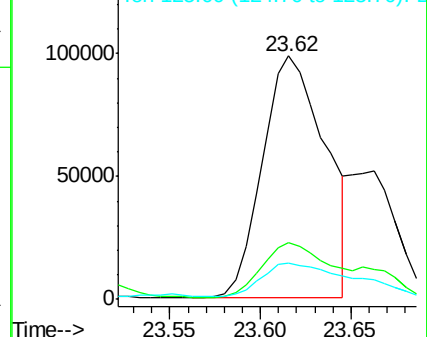
125 15.1 8.1 12.1#



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



#26

Benzo(a)pyrene

Concen: 1.841 ng/ul

RT: 24.26 min Scan# 3617

Delta R.T. -0.00 min

Lab File: BN000304.D

Acq: 12 Mar 2018 11:27

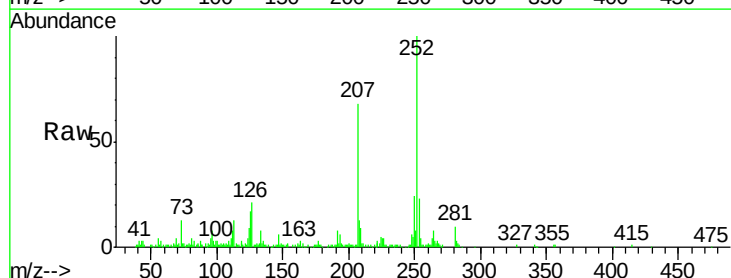
Tgt Ion:252 Resp: 157712

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

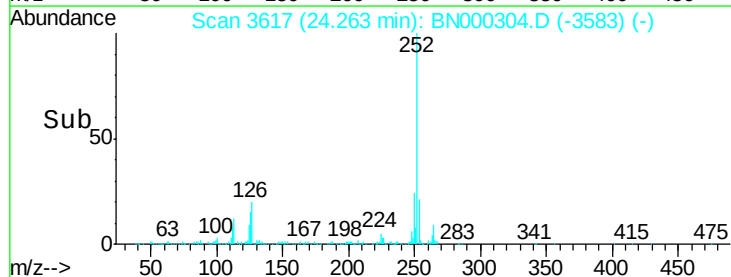
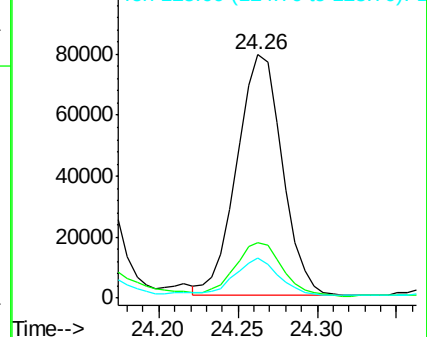
125 16.5 8.2 12.4#

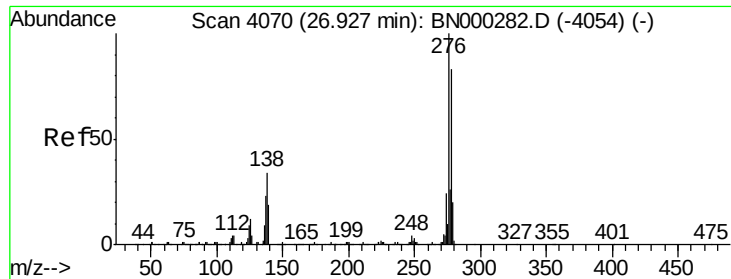


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.087 ng/ul

RT: 26.92 min Scan# 4069

Delta R.T. -0.01 min

Lab File: BN000304.D

Acq: 12 Mar 2018 11:27

Instrument :

BNA_N

ClientSampleId :

DAM68

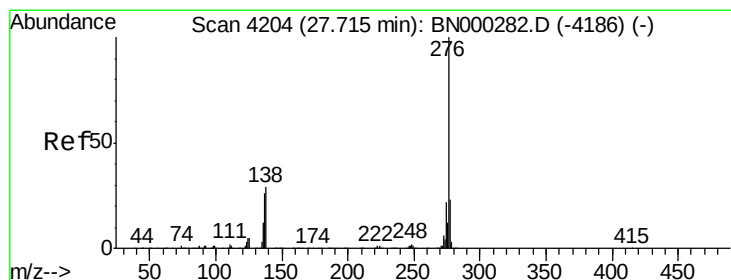
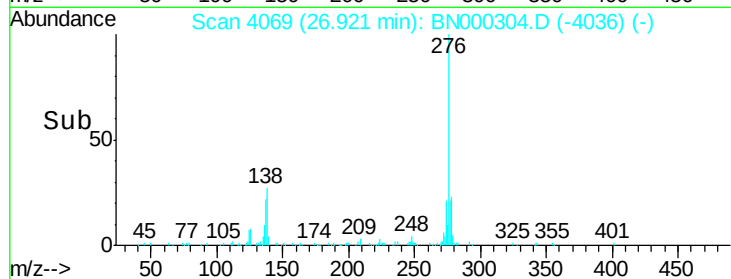
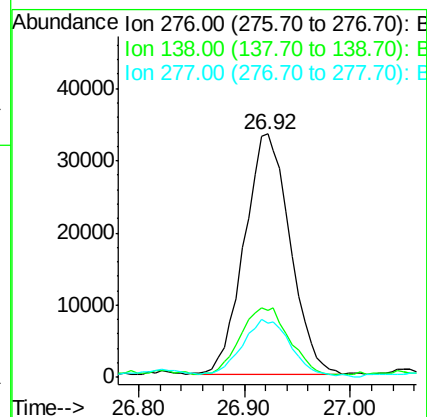
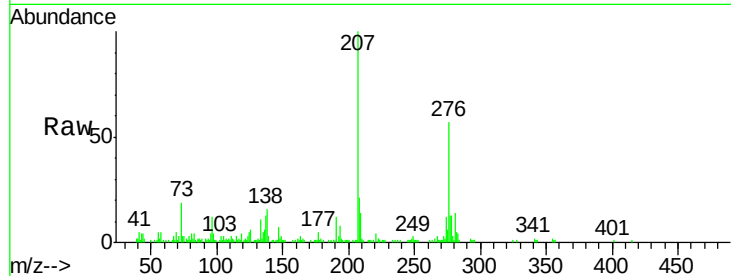
Tot Ion:276 Resp: 100429

Ion Ratio Lower Upper

276 100

138 27.7 14.4 21.6#

277 22.3 18.0 27.0



#29

Benzo(g,h,i)perylene

Concen: 1.126 ng/ul

RT: 27.70 min Scan# 4202

Delta R.T. -0.01 min

Lab File: BN000304.D

Acq: 12 Mar 2018 11:27

Tgt Ion:276 Resp: 86796

Ion Ratio Lower Upper

276 100

138 29.2 15.3 22.9#

277 25.1 19.0 28.4

