

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000357.D
 Acq On : 13 Mar 2018 19:52
 Operator : JU/SJ
 Sample : J1845-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMA0

Quant Time: Mar 14 08:14:06 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 08:11:44 2018
 Response via : Initial Calibration

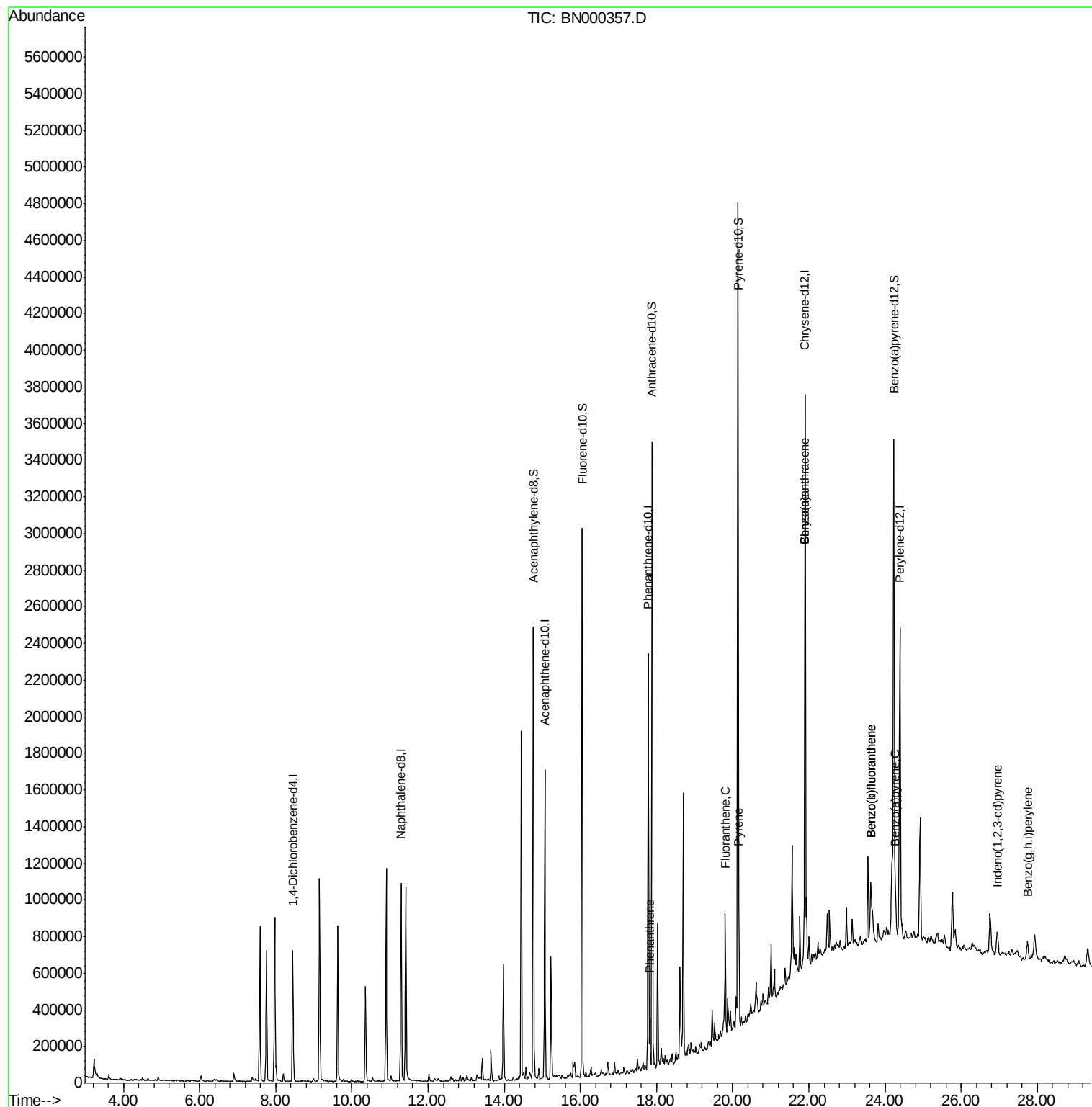
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	192574	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	916962	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	525109	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1230514	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1322754	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1233634	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1692962	32.48	ng/ul	0.00
10) Fluorene-d10	16.05	176	1123291	31.83	ng/ul	0.00
14) Anthracene-d10	17.88	188	1835817	31.93	ng/ul	0.00
18) Pyrene-d10	20.13	212	2153158	33.27	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1813650	32.19	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	122733	1.739	ng/ul	99
16) Fluoranthene	19.80	202	353012	4.630	ng/ul#	93
19) Pyrene	20.16	202	327975	3.927	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	188510	2.292	ng/ul	96
21) Chrysene	21.89	228	178785	2.291	ng/ul	95
23) Benzo(b)fluoranthene	23.63	252	236075	3.209	ng/ul#	92
24) Benzo(k)fluoranthene	23.63	252	330328	4.797	ng/ul#	92
26) Benzo(a)pyrene	24.28	252	160017	2.286	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.95	276	111751	1.480	ng/ul#	82
29) Benzo(g,h,i)perylene	27.74	276	122257	1.940	ng/ul#	82

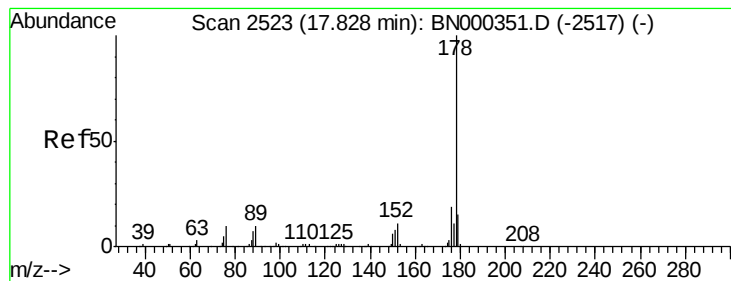
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.739 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000357.D

Acq: 13 Mar 2018 19:52

Instrument :

BNA_N

ClientSampleId :

DAMA0

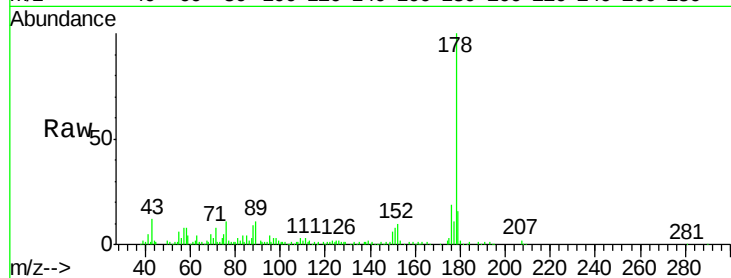
Tot Ion:178 Resp: 122733

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

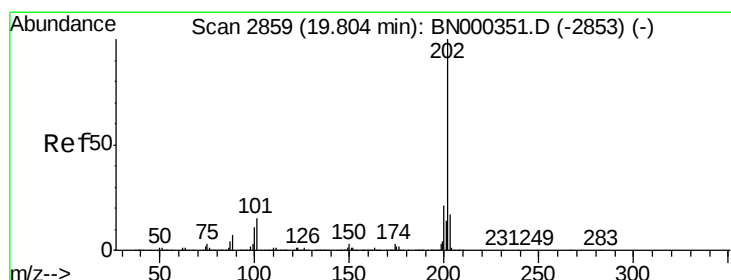
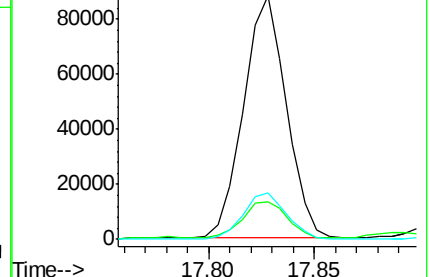
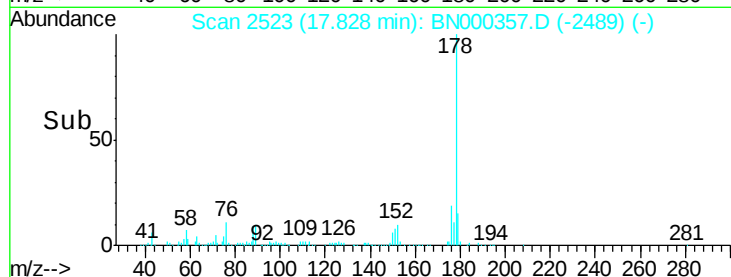
176 19.2 15.1 22.7



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



#16

Fluoranthene

Concen: 4.630 ng/ul

RT: 19.80 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BN000357.D

Acq: 13 Mar 2018 19:52

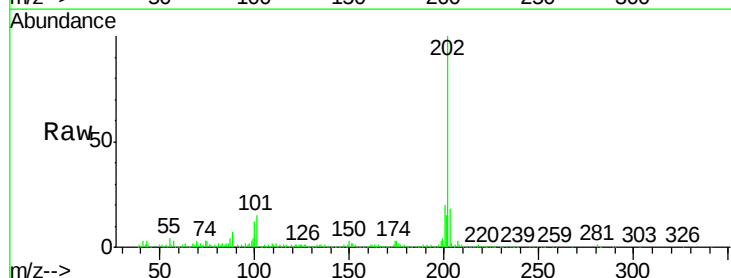
Tgt Ion:202 Resp: 353012

Ion Ratio Lower Upper

202 100

101 15.0 9.9 14.9#

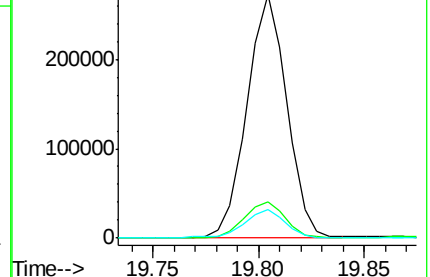
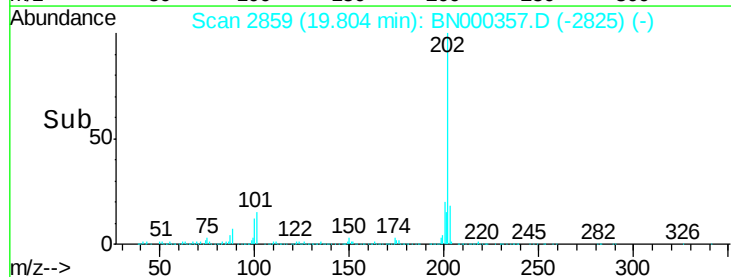
100 11.7 7.4 11.0#

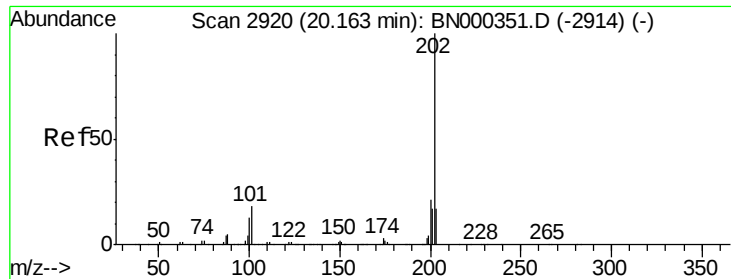


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 3.927 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BN000357.D

Acq: 13 Mar 2018 19:52

Instrument :

BNA_N

ClientSampleId :

DAMA0

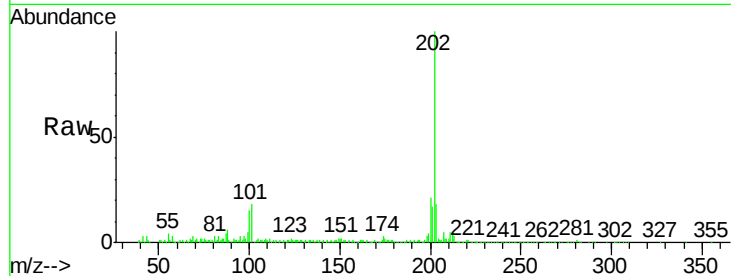
Tot Ion:202 Resp: 327975

Ion Ratio Lower Upper

202 100

101 17.9 11.0 16.4#

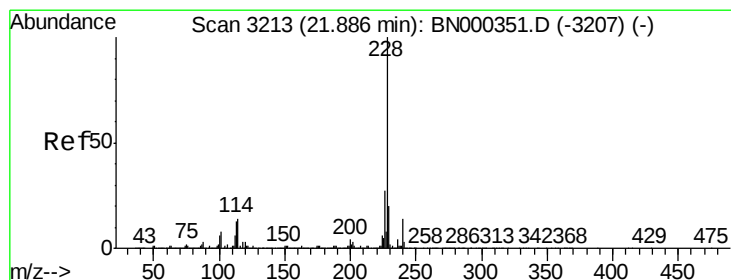
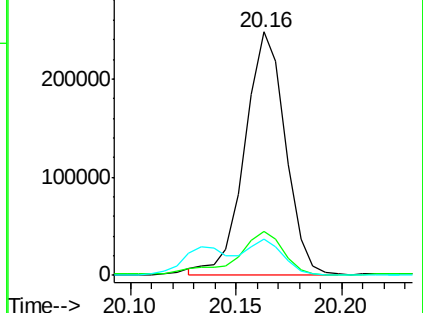
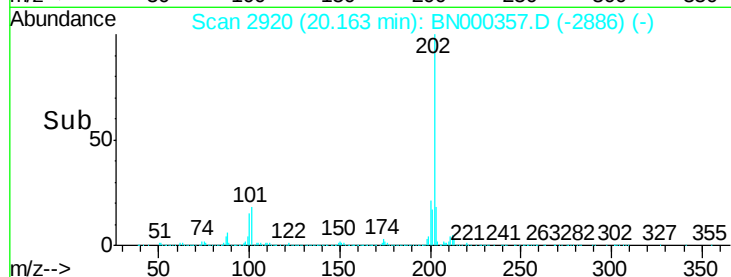
100 15.0 8.1 12.1#



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



#20

Benzo(a)anthracene

Concen: 2.292 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000357.D

Acq: 13 Mar 2018 19:52

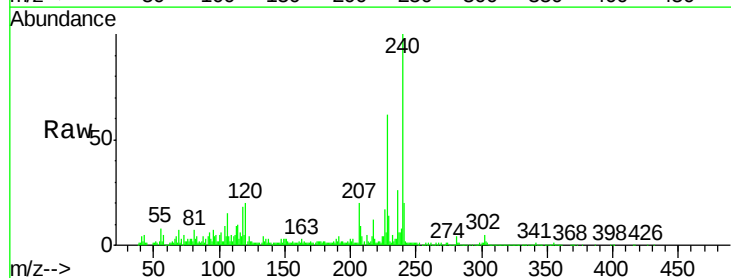
Tgt Ion:228 Resp: 188510

Ion Ratio Lower Upper

228 100

229 22.3 15.7 23.5

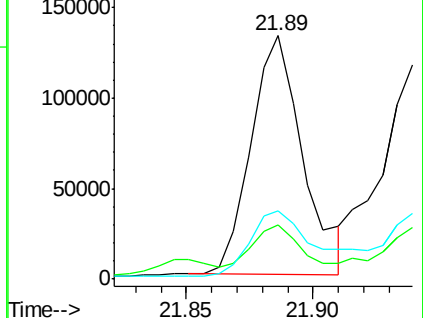
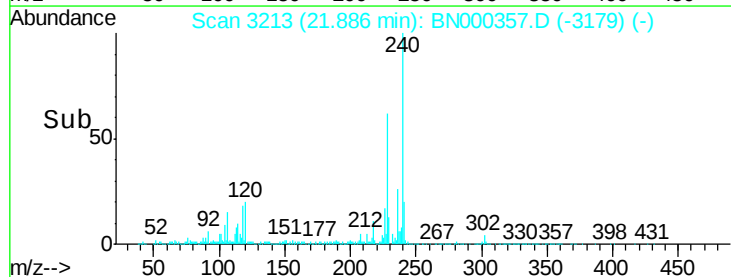
226 28.1 21.1 31.7

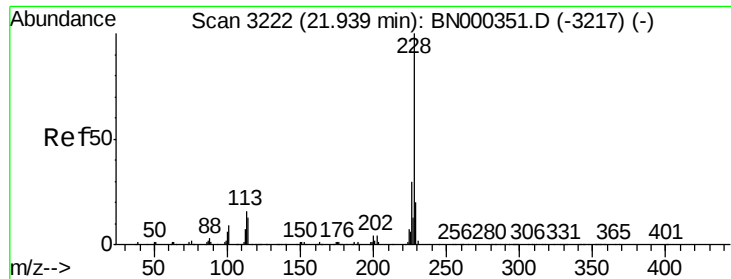


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.291 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.05 min

Lab File: BN000357.D

Acq: 13 Mar 2018 19:52

Instrument :

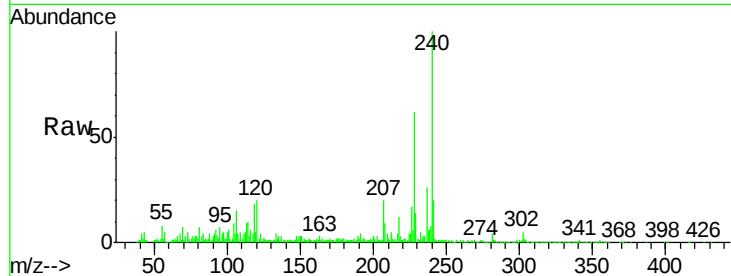
BNA_N

ClientSampleId :

DAMA0

Tot Ion:228 Resp: 178785

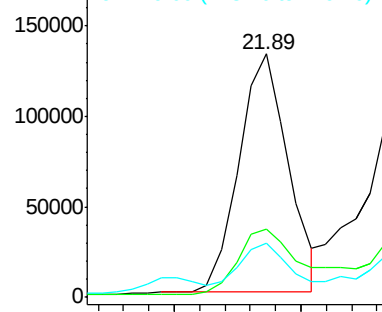
Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.5	36.7
229	22.3	15.8	23.8



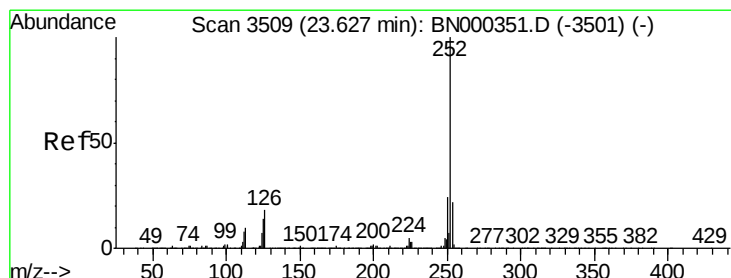
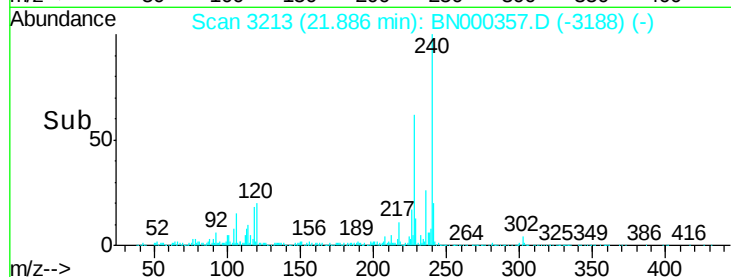
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#23

Benzo(b)fluoranthene

Concen: 3.209 ng/ul

RT: 23.63 min Scan# 3509

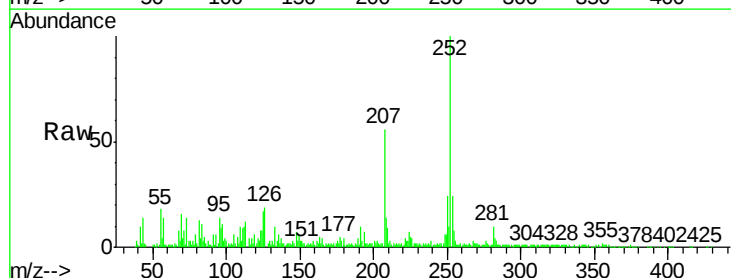
Delta R.T. -0.00 min

Lab File: BN000357.D

Acq: 13 Mar 2018 19:52

Tgt Ion:252 Resp: 236075

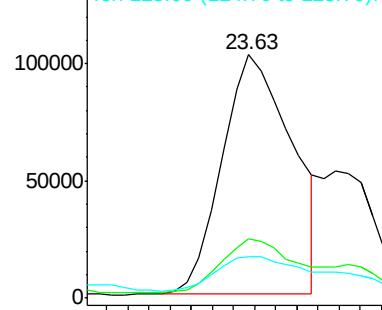
Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	17.1	8.0	12.0



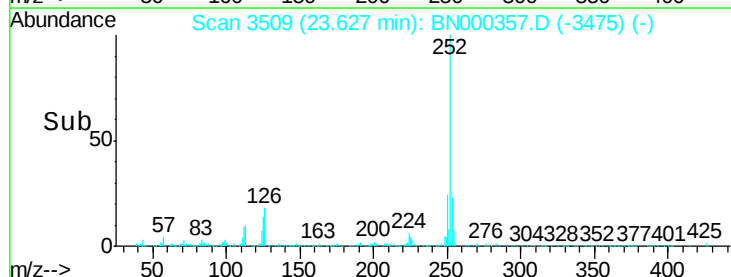
Abundance Ion 252.00 (251.70 to 252.70): E

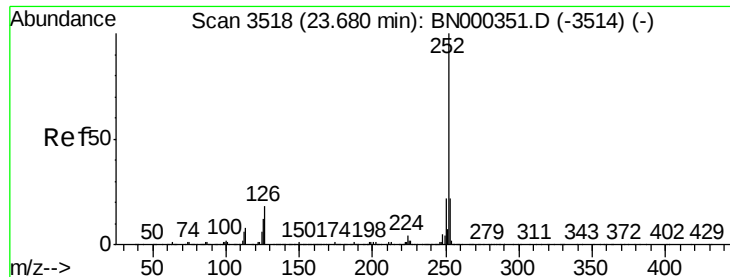
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#24

Benzo(k)fluoranthene

Concen: 4.797 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.05 min

Lab File: BN000357.D

Acq: 13 Mar 2018 19:52

Instrument :

BNA_N

ClientSampled :

DAMA0

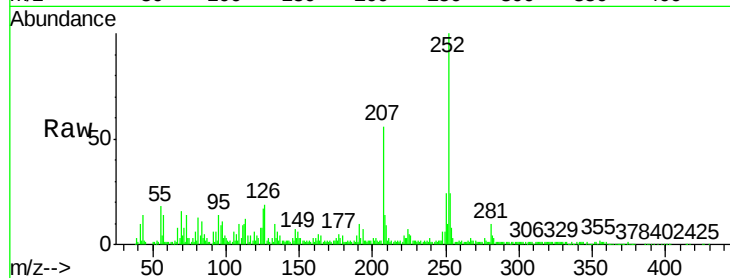
Tot Ion:252 Resp: 330328

Ion Ratio Lower Upper

252 100

253 24.2 18.0 27.0

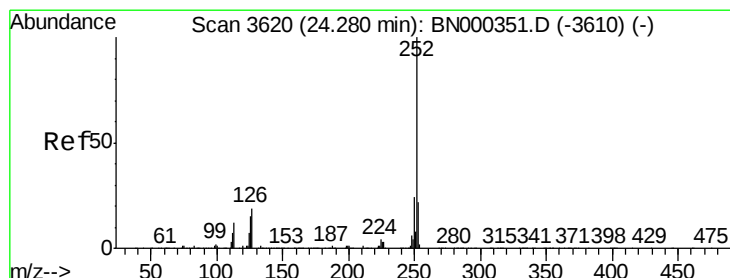
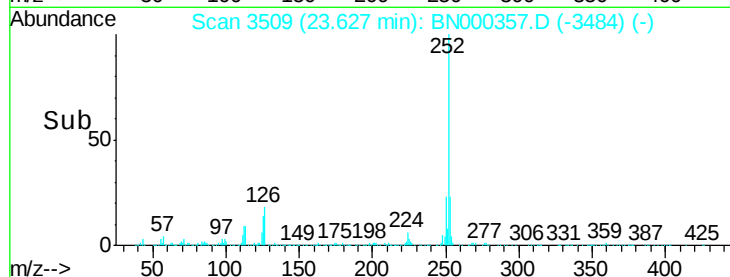
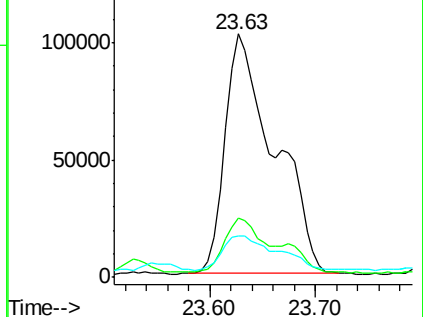
125 17.1 8.1 12.1#



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: 2.286 ng/ul

RT: 24.28 min Scan# 3620

Delta R.T. -0.00 min

Lab File: BN000357.D

Acq: 13 Mar 2018 19:52

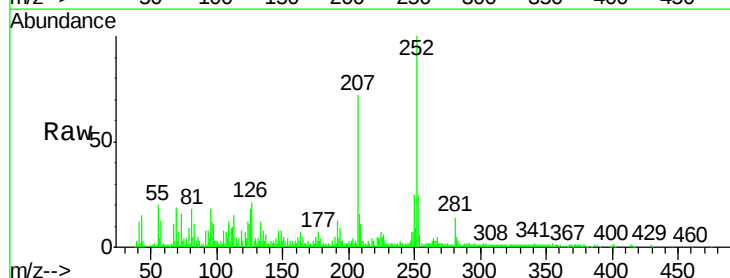
Tgt Ion:252 Resp: 160017

Ion Ratio Lower Upper

252 100

253 24.7 17.2 25.8

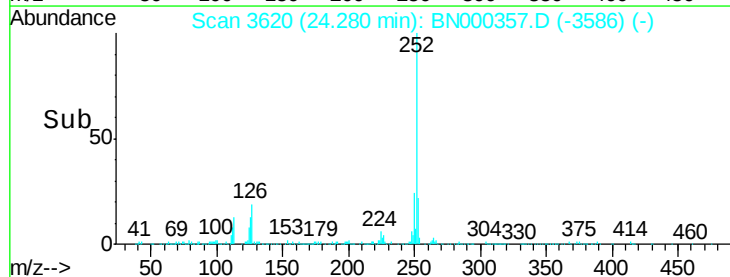
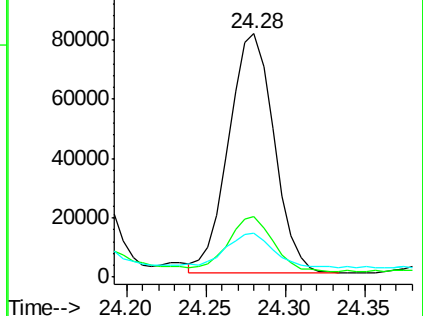
125 18.1 8.2 12.4#

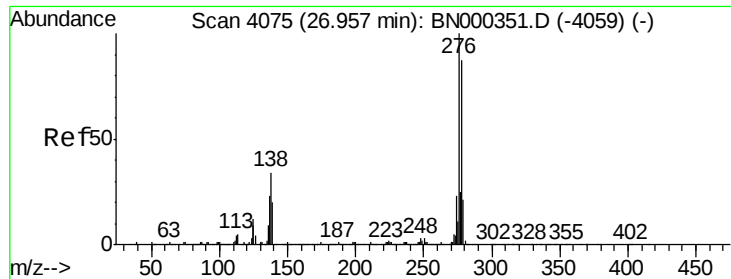


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



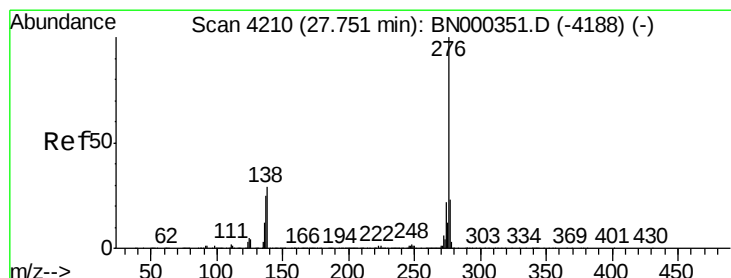
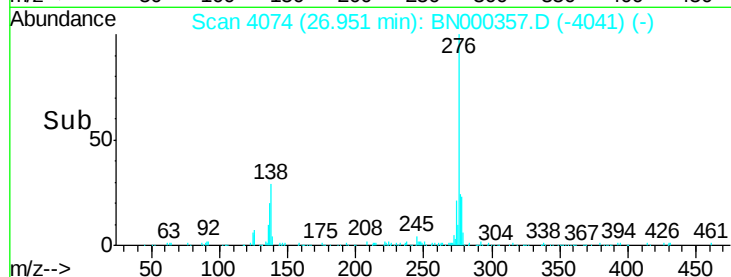
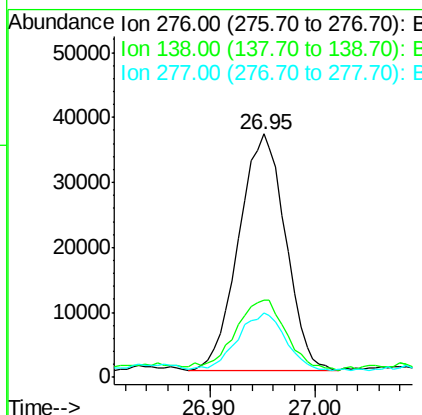
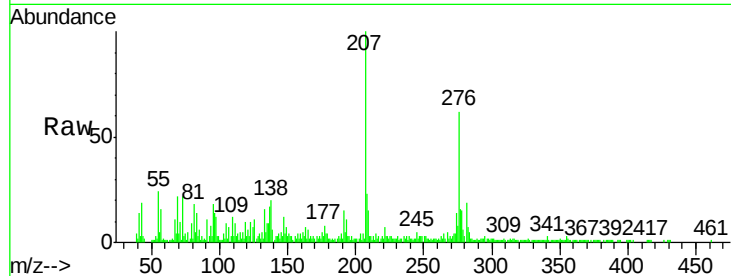


#27

Indeno(1,2,3-cd)pyrene
Concen: 1.480 ng/ul
RT: 26.95 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN000357.D
Acq: 13 Mar 2018 19:52

Instrument :
BNA_N
ClientSampled :
DAMA0

Tot Ion:276 Resp: 111751
Ion Ratio Lower Upper
276 100
138 31.8 14.4 21.6#
277 26.4 18.0 27.0



#29

Benzo(g,h,i)perylene
Concen: 1.940 ng/ul
RT: 27.74 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BN000357.D
Acq: 13 Mar 2018 19:52

Tgt Ion:276 Resp: 122257
Ion Ratio Lower Upper
276 100
138 33.2 15.3 22.9#
277 27.0 19.0 28.4

