

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000350.D
 Acq On : 13 Mar 2018 15:50
 Operator : JU/SJ
 Sample : J1845-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM91

Quant Time: Mar 14 05:44:34 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 05:40:51 2018
 Response via : Initial Calibration

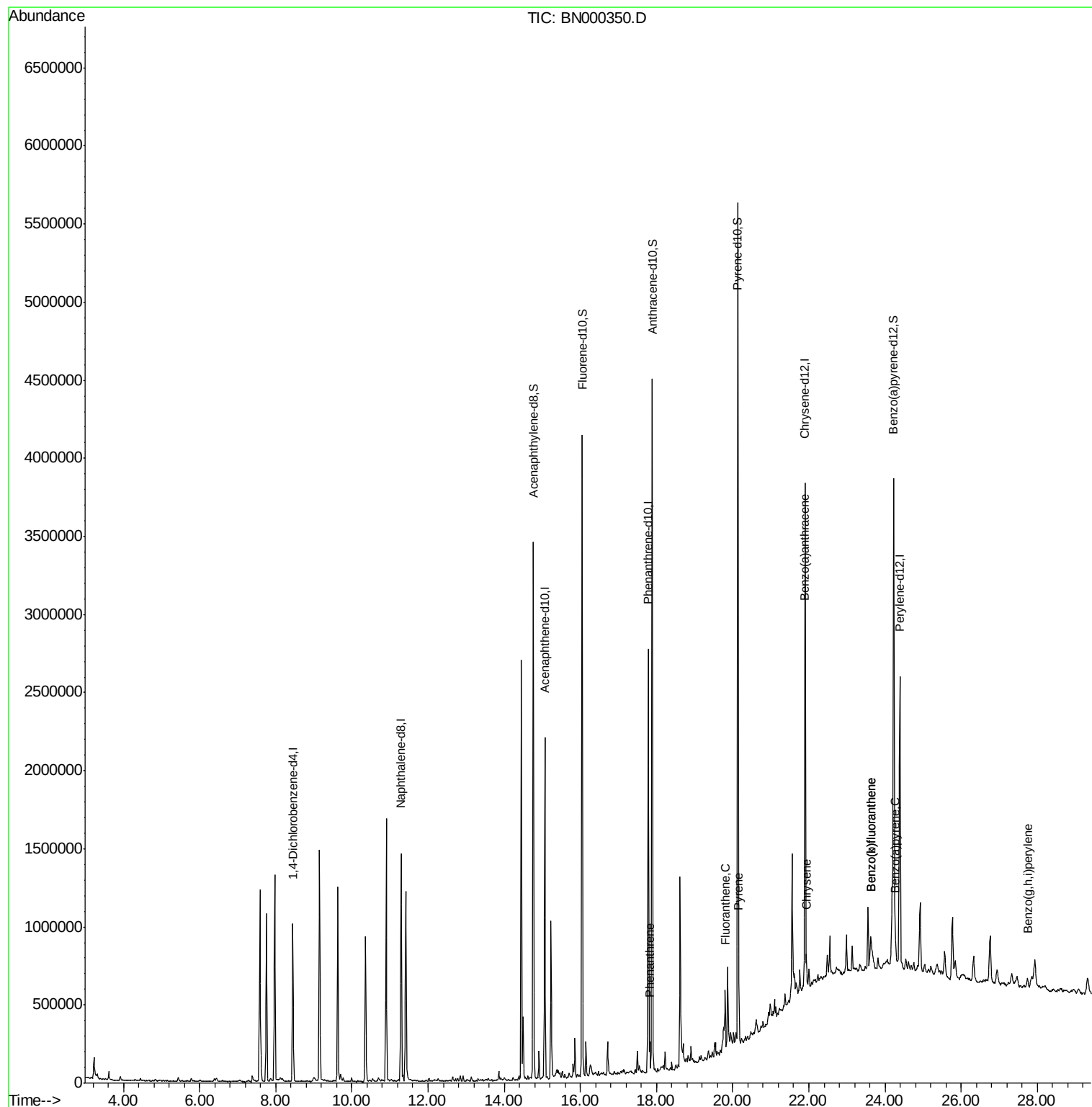
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	269743	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1240730	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	682170	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1503567	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1470644	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1345607	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2337348	34.52	ng/ul	0.00
10) Fluorene-d10	16.05	176	1521538	33.19	ng/ul	0.00
14) Anthracene-d10	17.89	188	2379769	33.88	ng/ul	0.00
18) Pyrene-d10	20.13	212	2609643	36.27	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	2078634	33.83	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	88205	1.023	ng/ul	98
16) Fluoranthene	19.80	202	204878	2.199	ng/ul	95
19) Pyrene	20.16	202	178015	1.917	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	105810	1.157	ng/ul#	93
21) Chrysene	21.94	228	110220	1.270	ng/ul#	93
23) Benzo(b)fluoranthene	23.63	252	199920	2.492	ng/ul#	88
24) Benzo(k)fluoranthene	23.63	252	200014	2.663	ng/ul#	88
26) Benzo(a)pyrene	24.27	252	87864	1.151	ng/ul#	81
29) Benzo(g,h,i)perylene	27.74	276	76312	1.110	ng/ul#	83

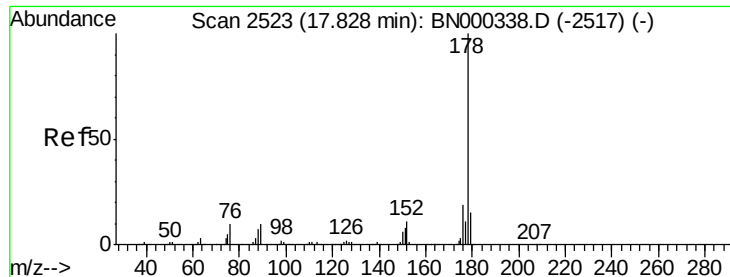
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.023 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000350.D

Acq: 13 Mar 2018 15:50

Instrument :

BNA_N

ClientSampleId :

DAM91

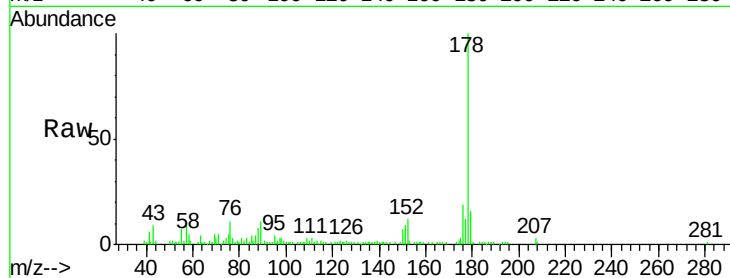
Tot Ion:178 Resp: 88205

Ion Ratio Lower Upper

178 100

179 16.5 12.3 18.5

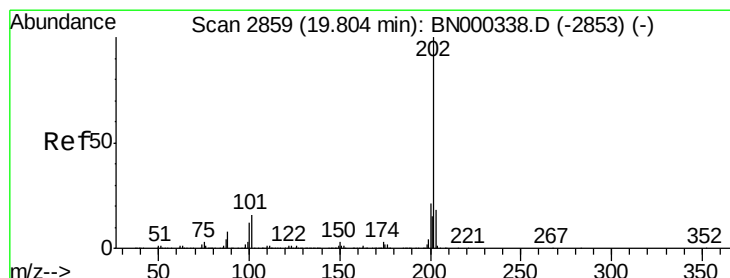
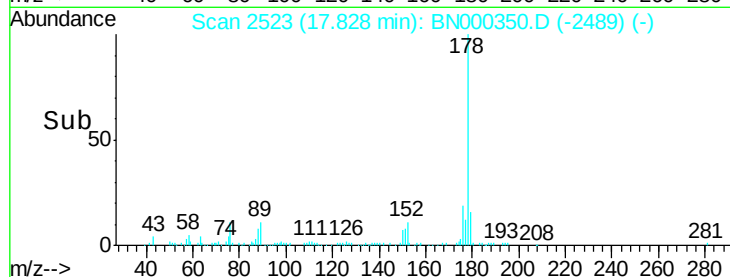
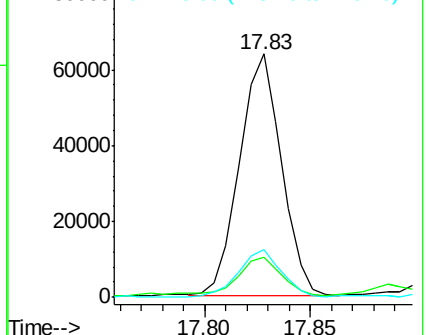
176 19.4 15.1 22.7



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: 2.199 ng/ul

RT: 19.80 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BN000350.D

Acq: 13 Mar 2018 15:50

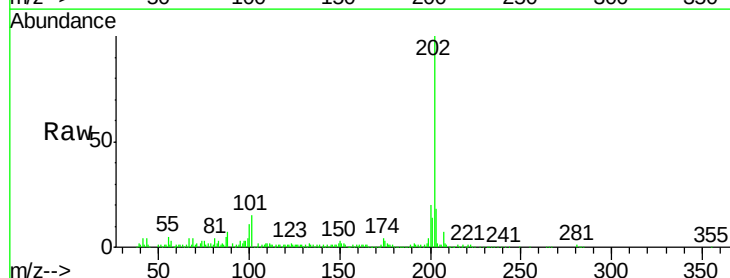
Tgt Ion:202 Resp: 204878

Ion Ratio Lower Upper

202 100

101 14.6 9.9 14.9

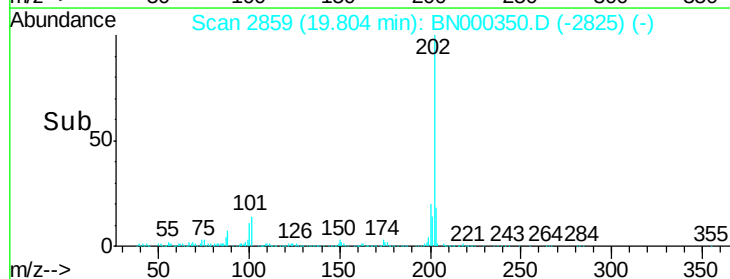
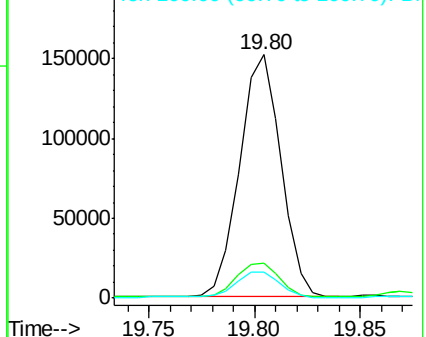
100 10.8 7.4 11.0

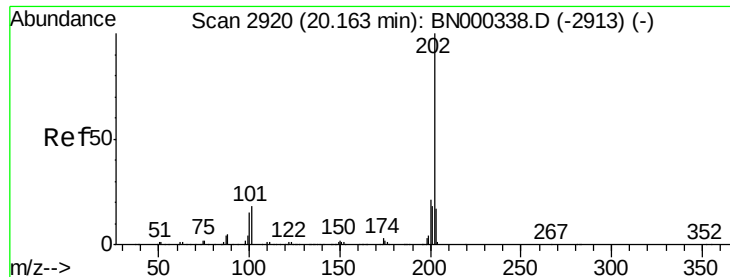


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 1.917 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BN000350.D

Acq: 13 Mar 2018 15:50

Instrument :

BNA_N

ClientSampled :

DAM91

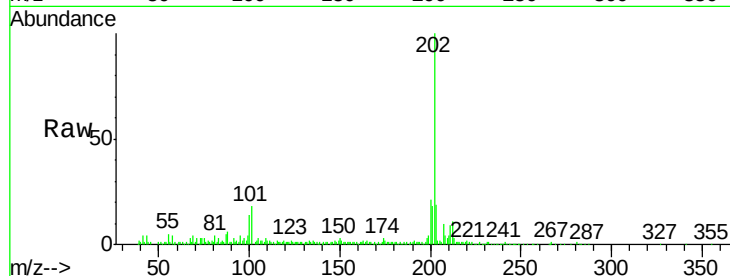
Tot Ion:202 Resp: 178015

Ion Ratio Lower Upper

202 100

101 17.9 11.0 16.4#

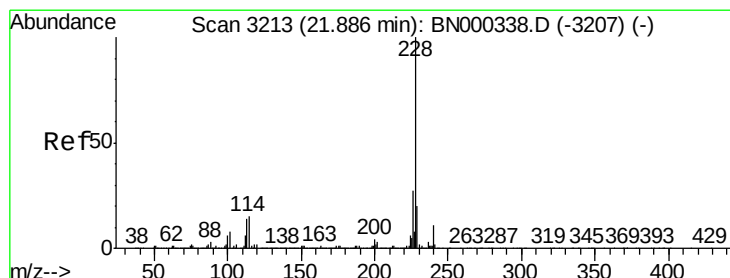
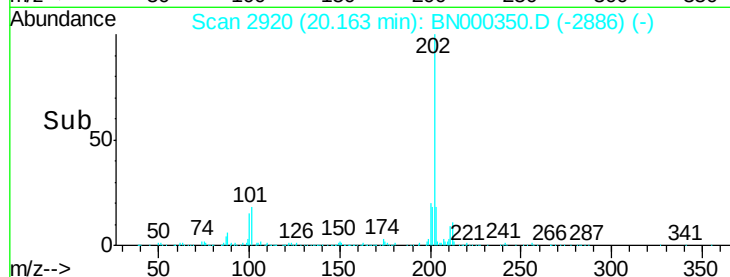
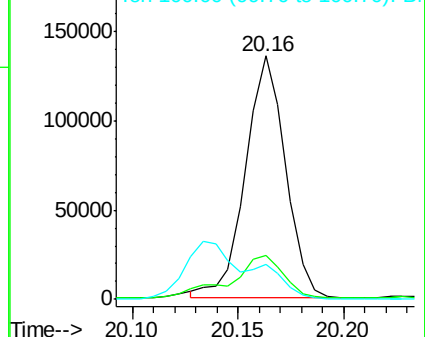
100 14.4 8.1 12.1#



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: 1.157 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000350.D

Acq: 13 Mar 2018 15:50

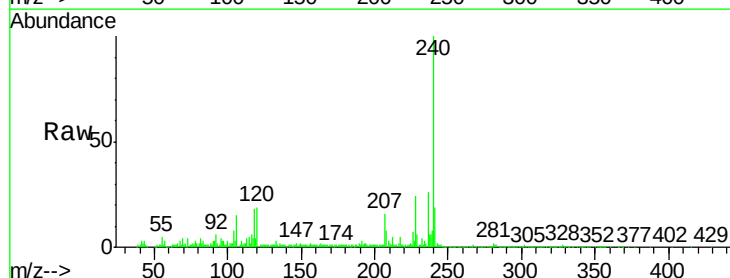
Tgt Ion:228 Resp: 105810

Ion Ratio Lower Upper

228 100

229 23.8 15.7 23.5#

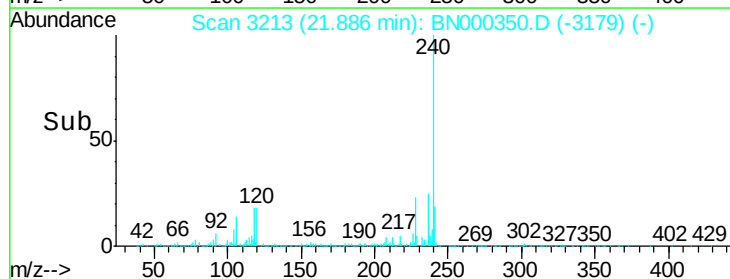
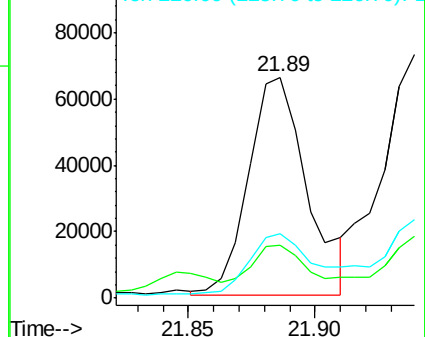
226 29.4 21.1 31.7

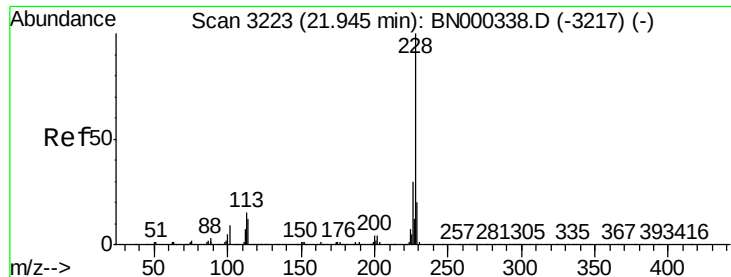


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.270 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BN000350.D

Acq: 13 Mar 2018 15:50

Instrument :

BNA_N

ClientSampleId :

DAM91

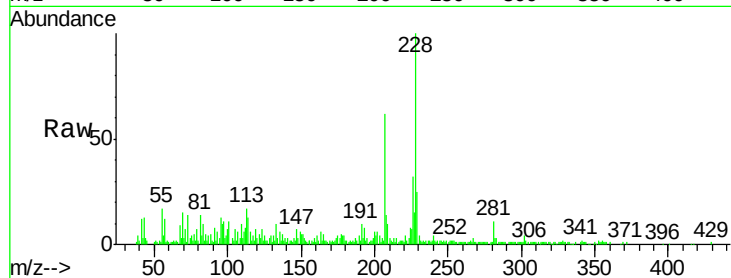
Tot Ion:228 Resp: 110220

Ion Ratio Lower Upper

228 100

226 32.4 24.5 36.7

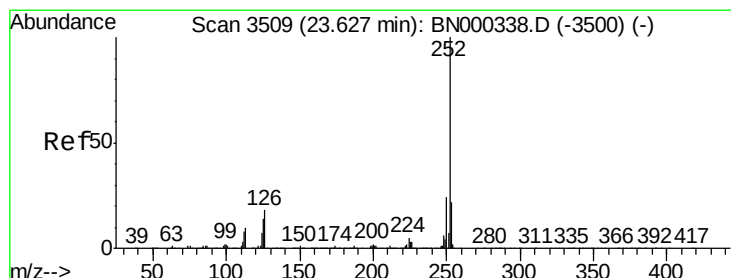
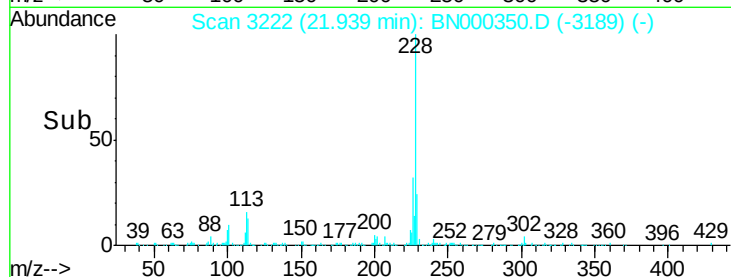
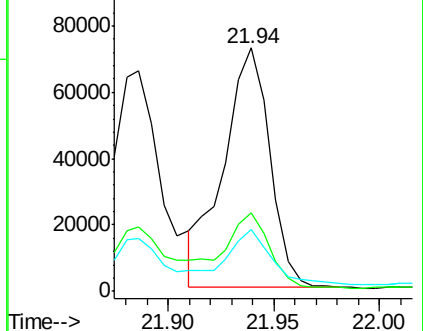
229 25.2 15.8 23.8#



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



#23

Benzo(b)fluoranthene

Concen: 2.492 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BN000350.D

Acq: 13 Mar 2018 15:50

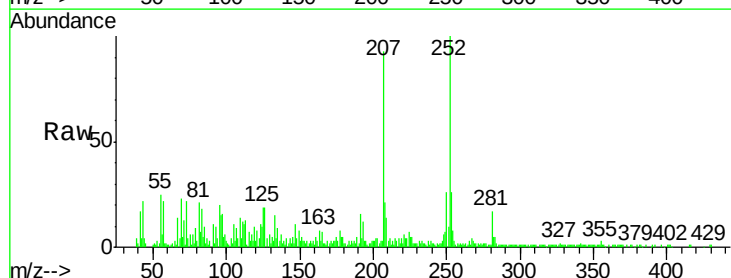
Tgt Ion:252 Resp: 199920

Ion Ratio Lower Upper

252 100

253 25.7 18.0 27.0

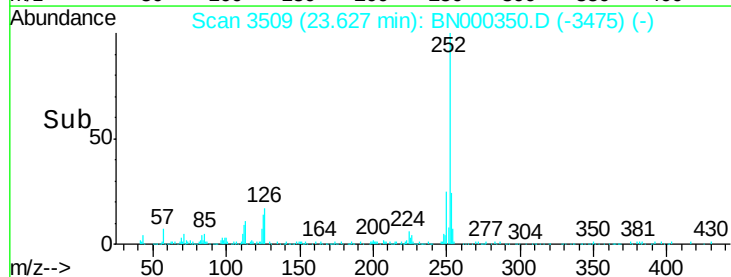
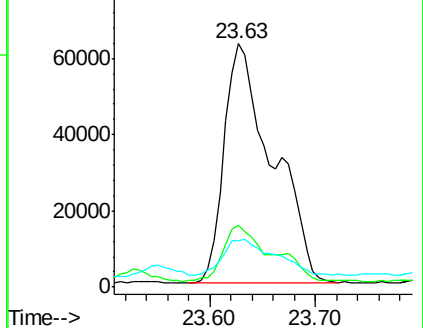
125 19.2 8.0 12.0#

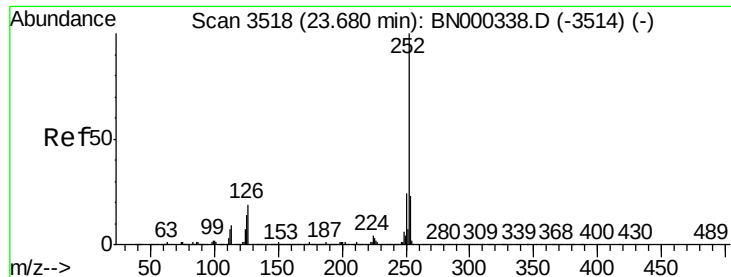


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 2.663 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.05 min

Lab File: BN000350.D

Acq: 13 Mar 2018 15:50

Instrument :

BNA_N

ClientSampleId :

DAM91

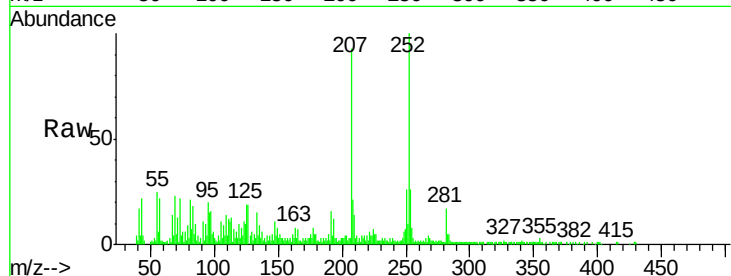
Tot Ion:252 Resp: 200014

Ion Ratio Lower Upper

252 100

253 25.7 18.0 27.0

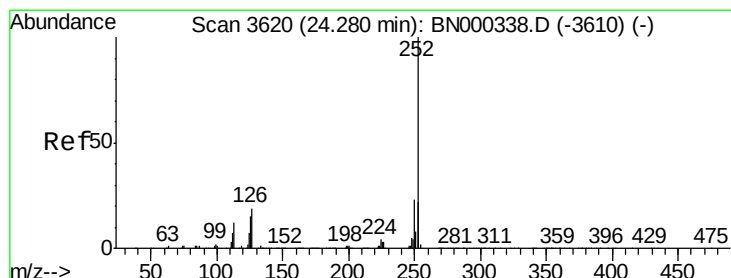
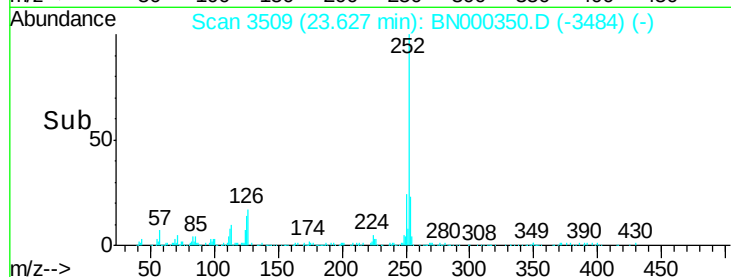
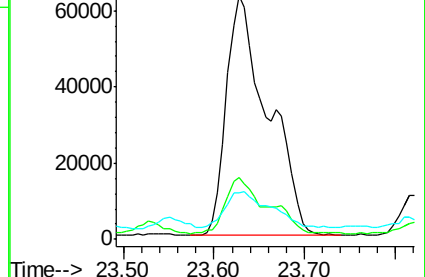
125 19.2 8.1 12.1#



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: 1.151 ng/ul

RT: 24.27 min Scan# 3619

Delta R.T. -0.01 min

Lab File: BN000350.D

Acq: 13 Mar 2018 15:50

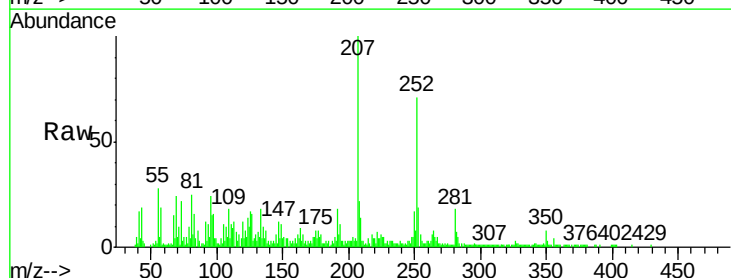
Tgt Ion:252 Resp: 87864

Ion Ratio Lower Upper

252 100

253 27.0 17.2 25.8#

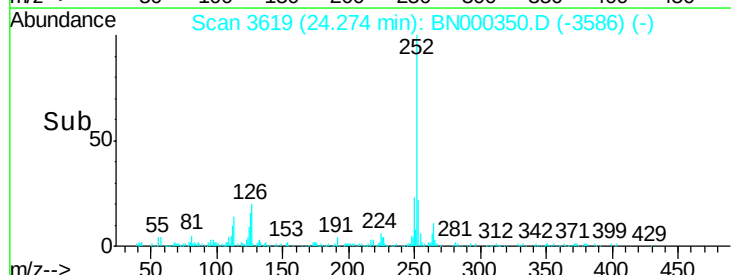
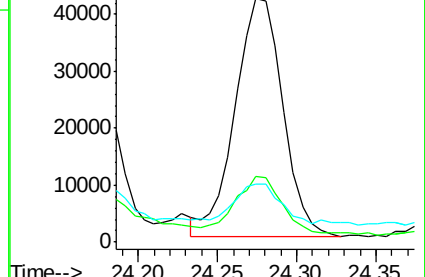
125 23.6 8.2 12.4#

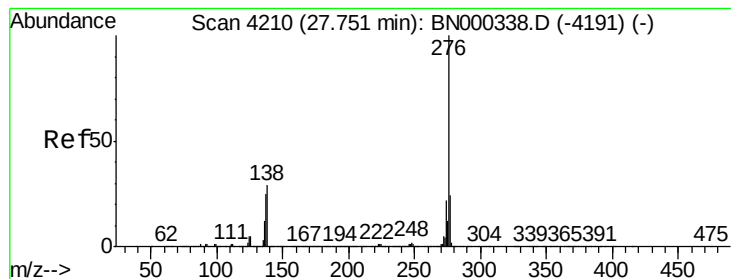


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#29

Benzo(a,h,i)perylene

Concen: 1.110 ng/ul

RT: 27.74 min Scan# 4209

Delta R.T. -0.01 min

Lab File: BN000350.D

Acq: 13 Mar 2018 15:50

Instrument :

BNA_N

ClientSampleId :

DAM91

Tot Ion: 276 Resp: 76312

Ion Ratio Lower Upper

276 100

138 34.3 15.3 22.9#

277 25.7 19.0 28.4

