

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000352.D
 Acq On : 13 Mar 2018 16:59
 Operator : JU/SJ
 Sample : J1845-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM91MS

Quant Time: Mar 14 08:13:01 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	151755	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	741594	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	426659	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	998416	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1161499	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1073308	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.76	160	1914946	45.22	ng/ul	0.00
10) Fluorene-d10	16.05	176	1270060	44.29	ng/ul	0.00
14) Anthracene-d10	17.88	188	2083291	44.66	ng/ul	0.00
18) Pyrene-d10	20.14	212	2490307	43.83	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	2173297	44.34	ng/ul	0.00

Target Compounds

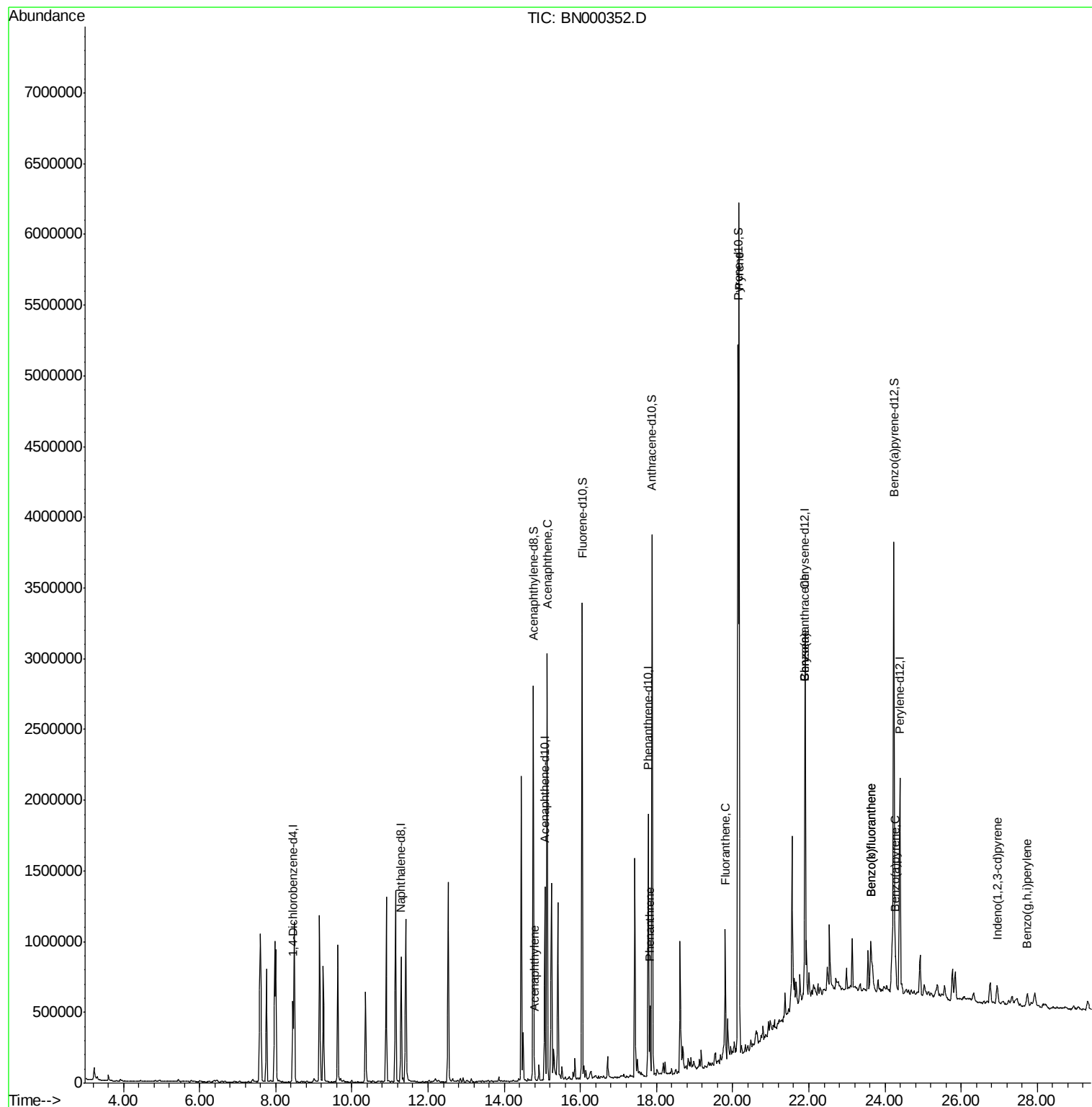
					Ovalue	
8) Acenaphthylene	14.79	152	42999	1.010	ng/ul	98
9) Acenaphthene	15.13	153	1170052	39.505	ng/ul	95
13) Phenanthrene	17.83	178	258741	4.519	ng/ul	99
16) Fluoranthene	19.80	202	495504	8.009	ng/ul#	94
19) Pyrene	20.17	202	3276190	44.676	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	186729	2.586	ng/ul	95
21) Chrysene	21.89	228	175799	2.566	ng/ul	96
23) Benzo(b)fluoranthene	23.63	252	348346	5.443	ng/ul#	95
24) Benzo(k)fluoranthene	23.63	252	250158	4.176	ng/ul#	95
26) Benzo(a)pyrene	24.28	252	159367	2.616	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.94	276	112129	1.707	ng/ul#	81
29) Benzo(g,h,i)perylene	27.74	276	113999	2.079	ng/ul#	84

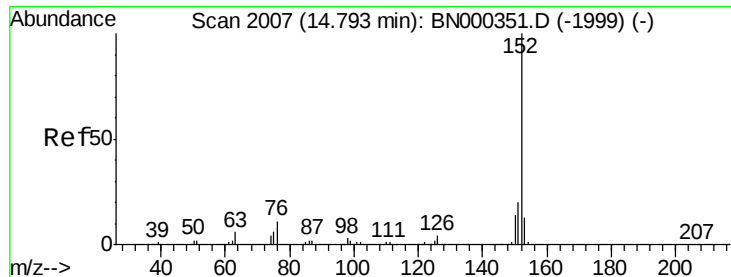
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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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





#8

Acenaphthylene

Concen: 1.010 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN000352.D

Acq: 13 Mar 2018 16:59

Instrument :

BNA_N

ClientSampleId :

DAM91MS

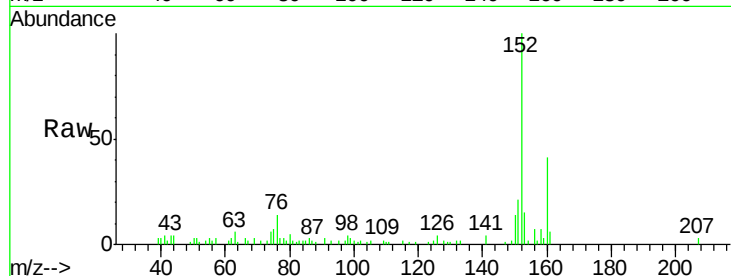
Tot Ion:152 Resp: 42999

Ion Ratio Lower Upper

152 100

151 21.3 16.7 25.1

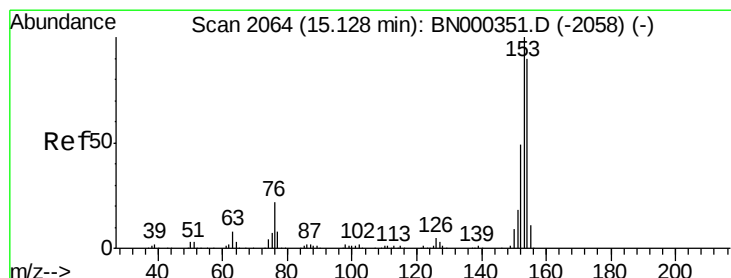
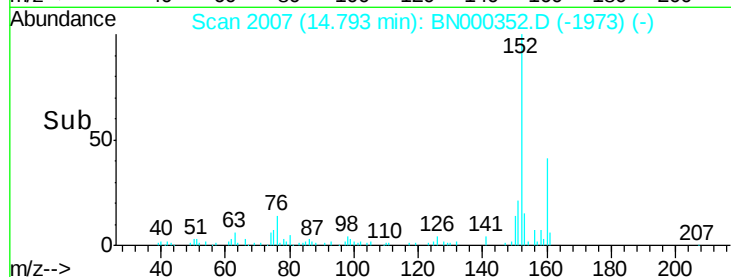
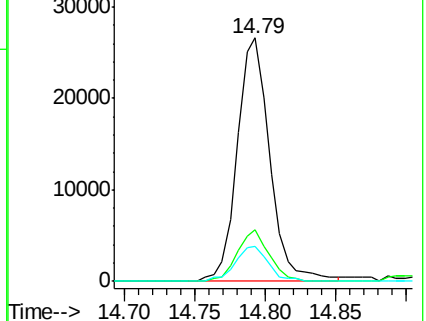
153 14.6 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#9

Acenaphthene

Concen: 39.505 ng/ul

RT: 15.13 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BN000352.D

Acq: 13 Mar 2018 16:59

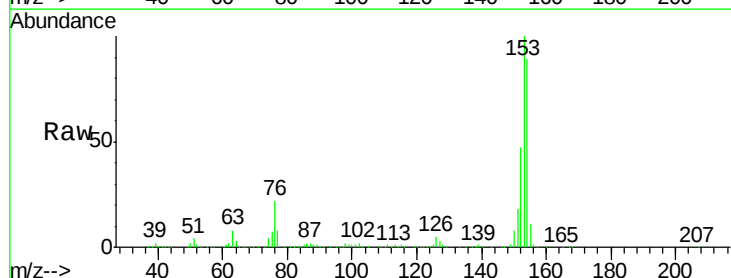
Tgt Ion:153 Resp: 1170052

Ion Ratio Lower Upper

153 100

152 47.1 39.0 58.6

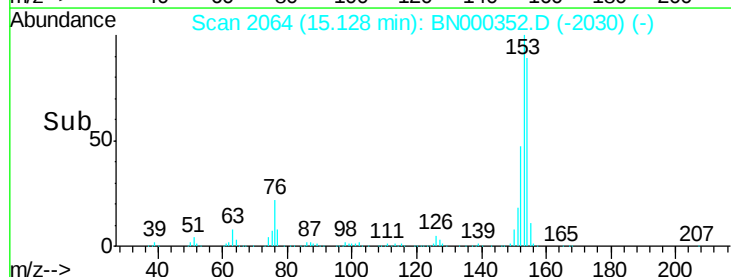
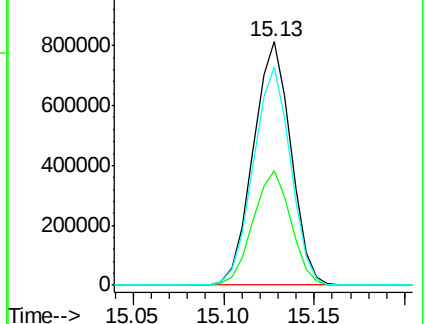
154 89.4 66.8 100.2

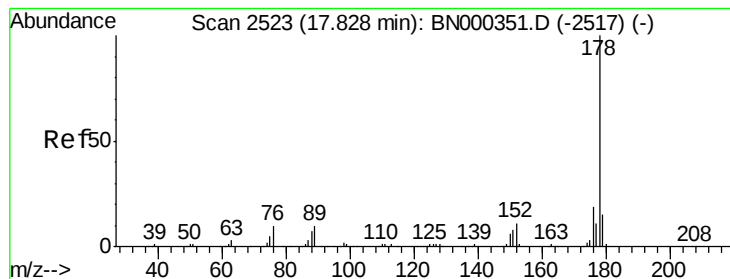


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#13

Phenanthrene

Concen: 4.519 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000352.D

Acq: 13 Mar 2018 16:59

Instrument :

BNA_N

ClientSampleId :

DAM91MS

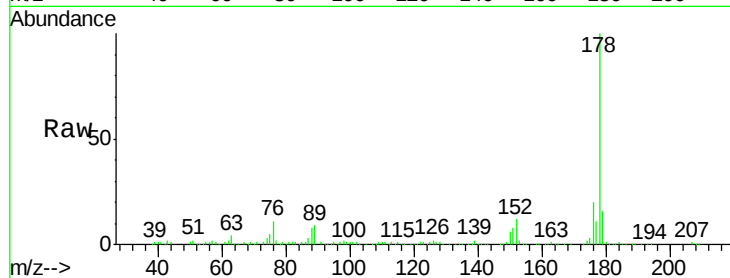
Tot Ion:178 Resp: 258741

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

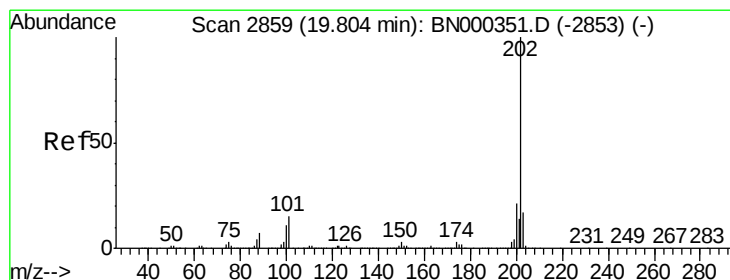
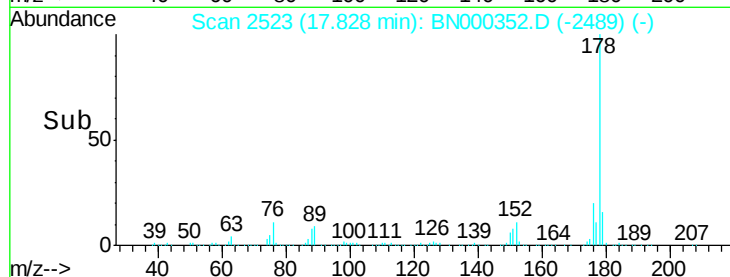
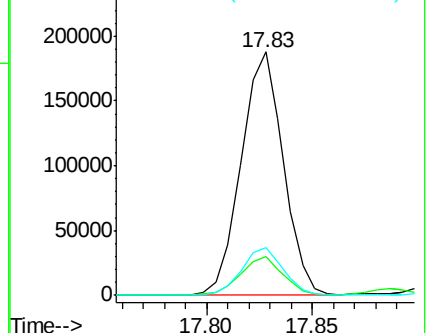
176 19.7 15.1 22.7



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



#16

Fluoranthene

Concen: 8.009 ng/ul

RT: 19.80 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BN000352.D

Acq: 13 Mar 2018 16:59

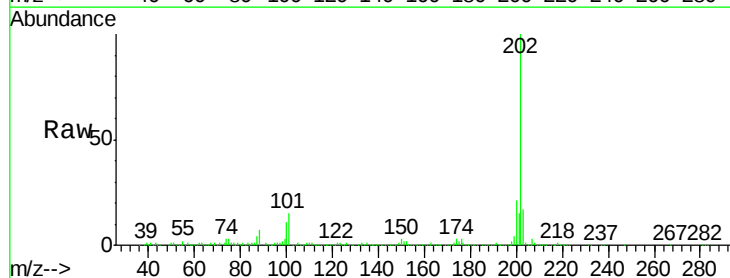
Tgt Ion:202 Resp: 495504

Ion Ratio Lower Upper

202 100

101 14.9 9.9 14.9#

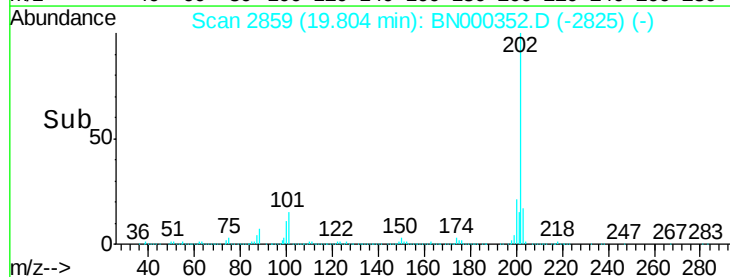
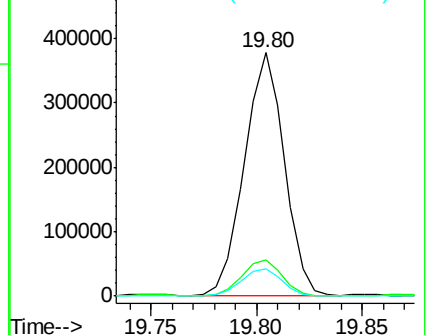
100 11.0 7.4 11.0#

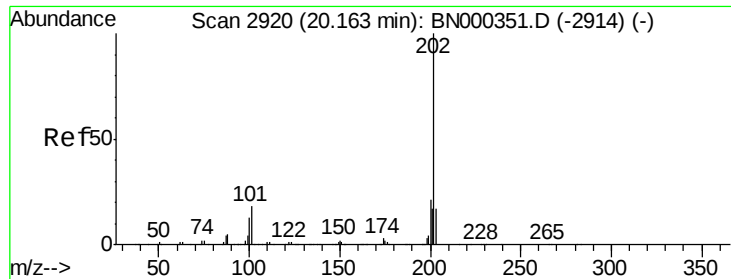


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

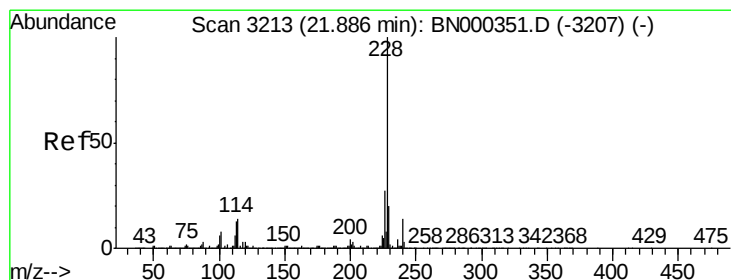
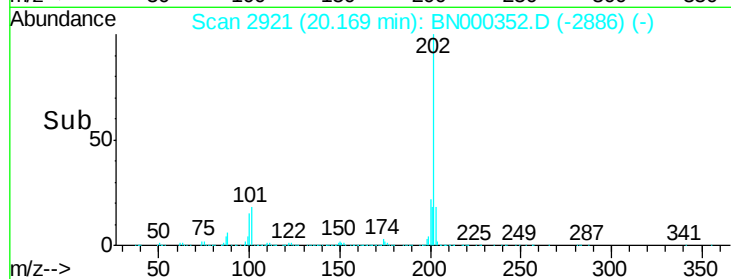
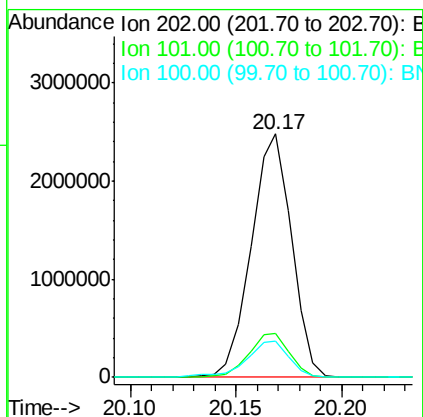
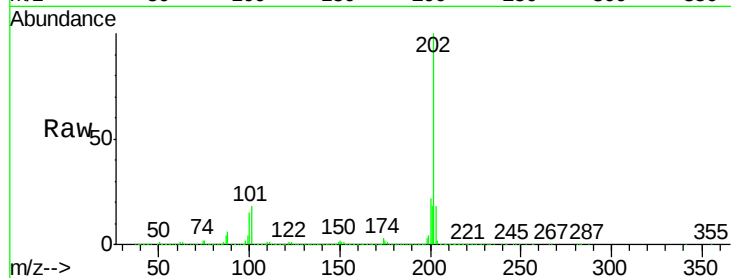




#19
Pvrene
Concen: 44.676 ng/ul
RT: 20.17 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BN000352.D
Acq: 13 Mar 2018 16:59

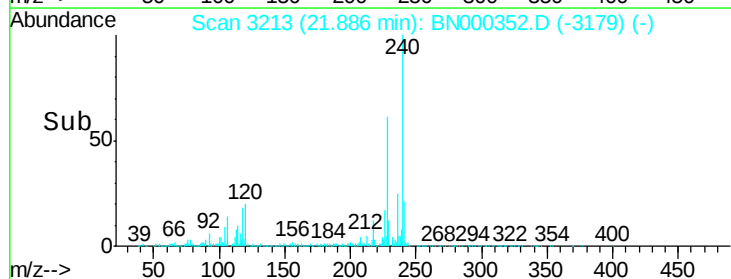
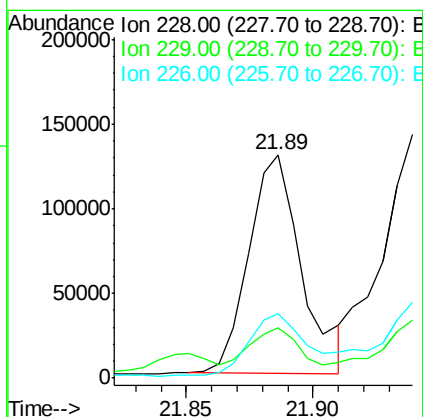
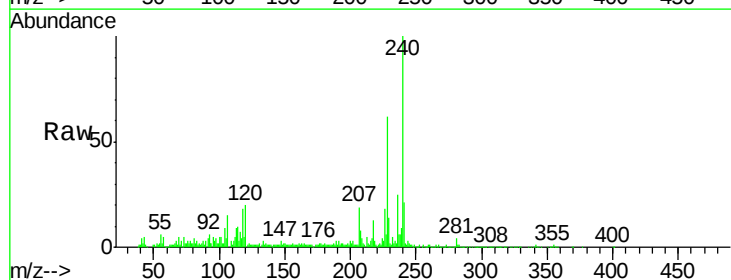
Instrument :
BNA_N
ClientSampleId :
DAM91MS

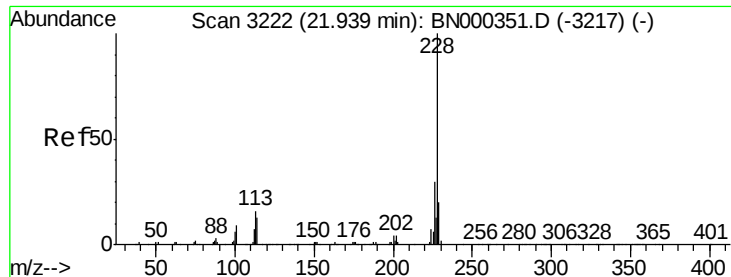
Tot Ion:202 Resp: 3276190
Ion Ratio Lower Upper
202 100
101 17.8 11.0 16.4#
100 14.6 8.1 12.1#



#20
Benzo(a)anthracene
Concen: 2.586 ng/ul
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000352.D
Acq: 13 Mar 2018 16:59

Tgt Ion:228 Resp: 186729
Ion Ratio Lower Upper
228 100
229 22.3 15.7 23.5
226 29.0 21.1 31.7





#21

Chrysene

Concen: 2.566 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.05 min

Lab File: BN000352.D

Acq: 13 Mar 2018 16:59

Instrument :

BNA_N

ClientSampleId :

DAM91MS

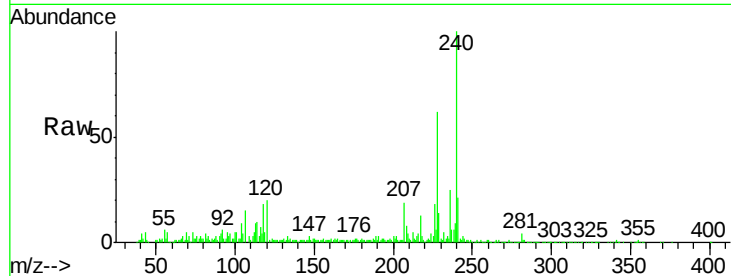
Tot Ion:228 Resp: 175799

Ion Ratio Lower Upper

228 100

226 29.0 24.5 36.7

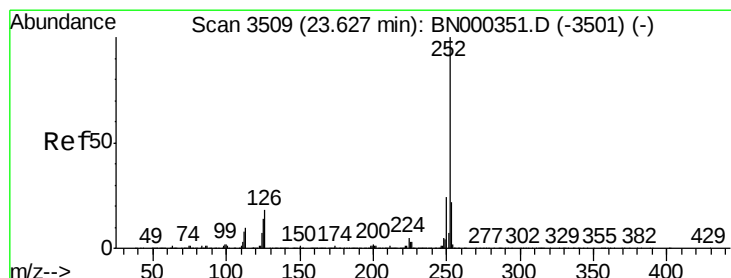
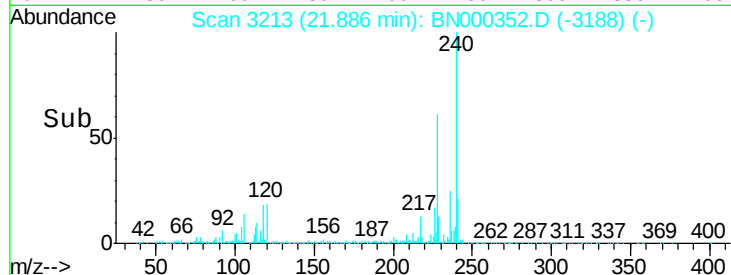
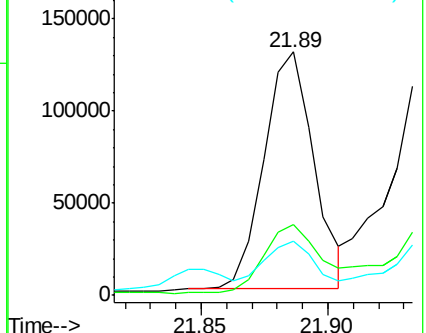
229 22.3 15.8 23.8



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: 5.443 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BN000352.D

Acq: 13 Mar 2018 16:59

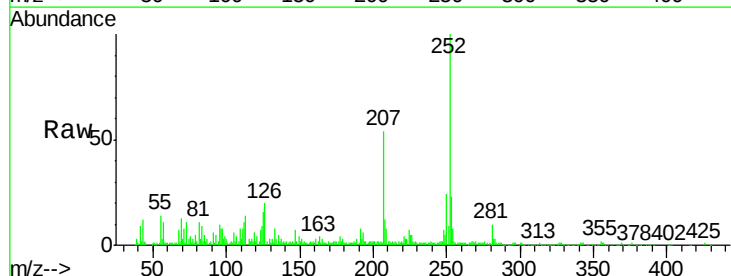
Tgt Ion:252 Resp: 348346

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

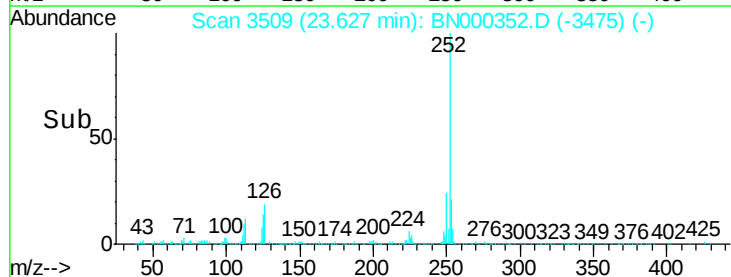
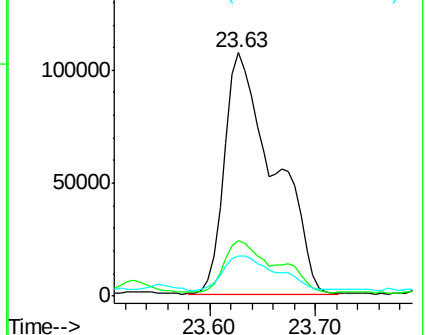
125 16.3 8.0 12.0#

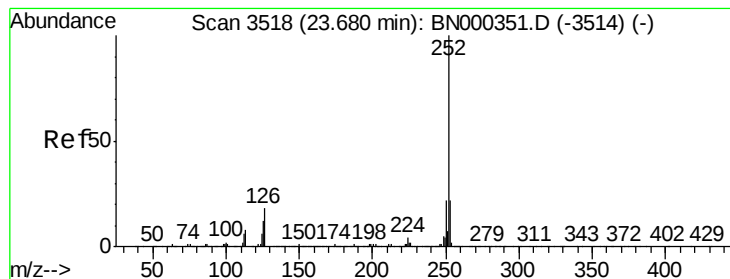


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 4.176 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.05 min

Lab File: BN000352.D

Acq: 13 Mar 2018 16:59

Instrument :

BNA_N

ClientSampleId :

DAM91MS

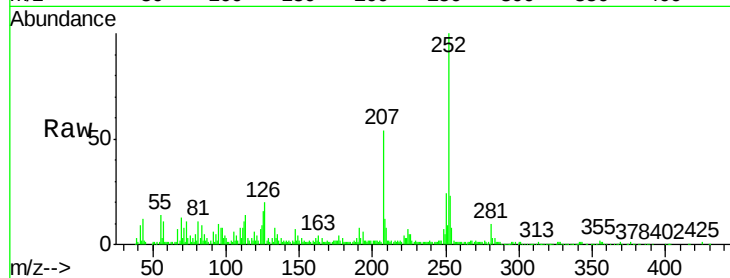
Tot Ion:252 Resp: 250158

Ion Ratio Lower Upper

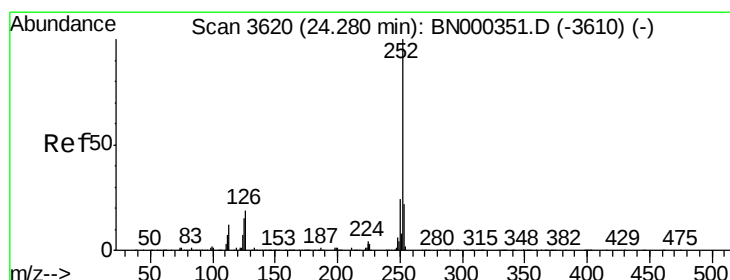
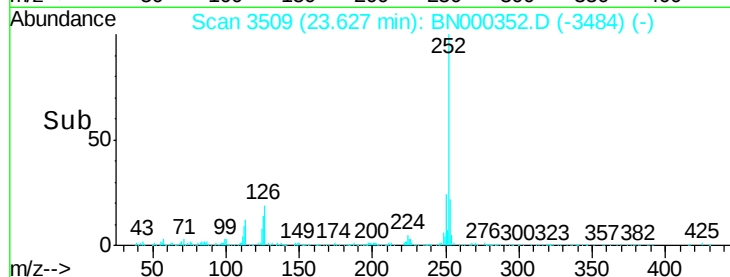
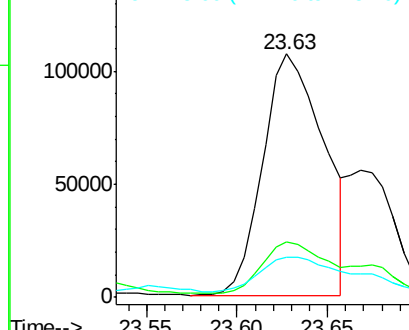
252 100

253 22.6 18.0 27.0

125 16.3 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: 2.616 ng/ul

RT: 24.28 min Scan# 3620

Delta R.T. -0.00 min

Lab File: BN000352.D

Acq: 13 Mar 2018 16:59

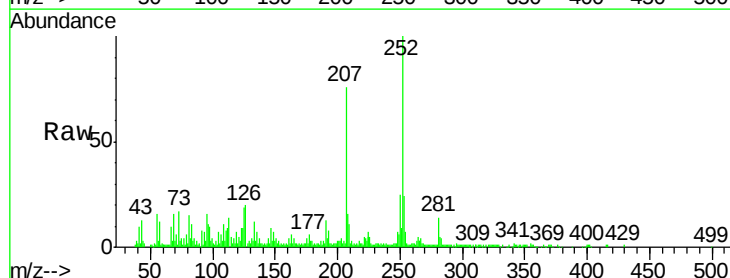
Tgt Ion:252 Resp: 159367

Ion Ratio Lower Upper

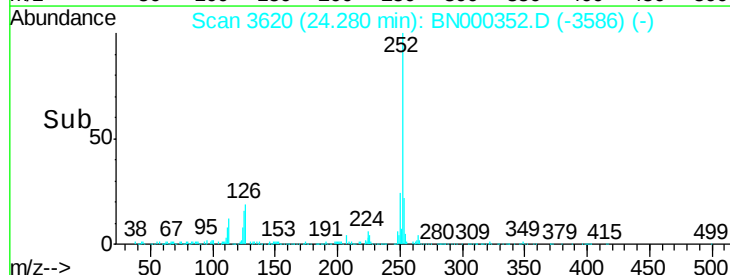
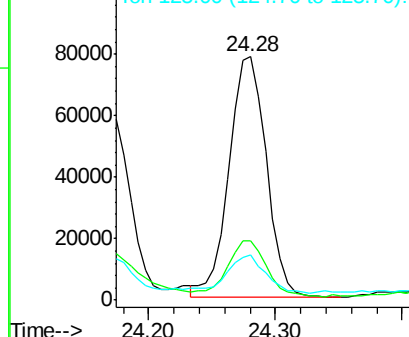
252 100

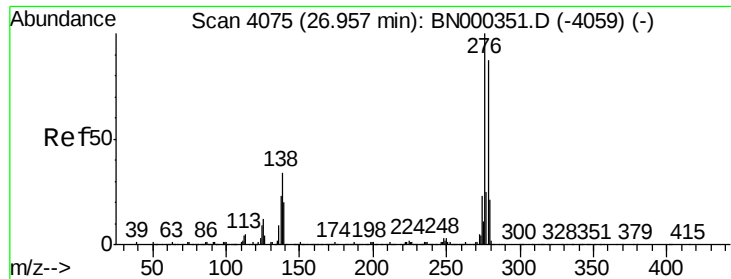
253 24.4 17.2 25.8

125 18.7 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

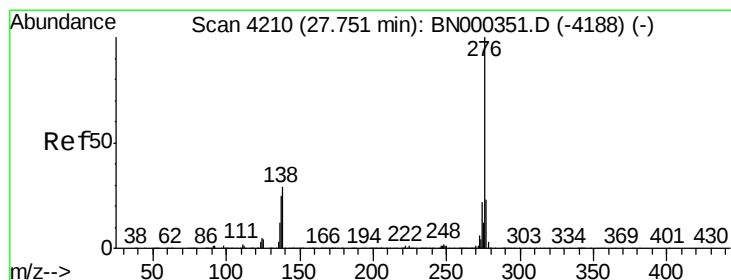
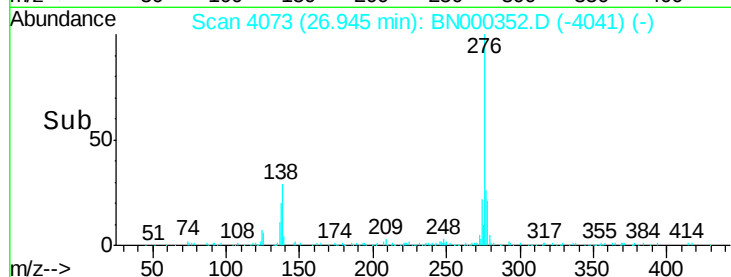
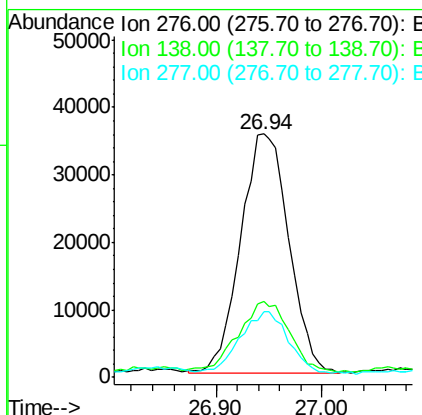
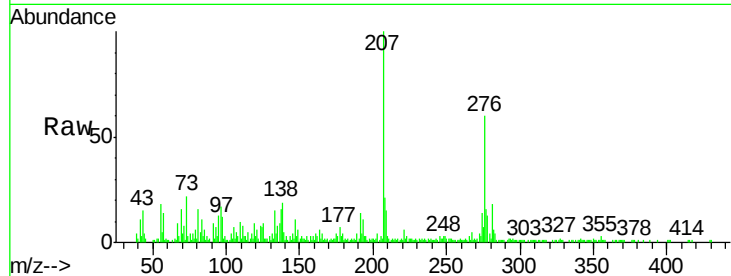




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.707 ng/ul
 RT: 26.94 min Scan# 4073
 Delta R.T. -0.01 min
 Lab File: BN000352.D
 Acq: 13 Mar 2018 16:59

Instrument :
 BNA_N
 ClientSampleId :
 DAM91MS

Tot Ion:276 Resp: 112129
 Ion Ratio Lower Upper
 276 100
 138 31.4 14.4 21.6#
 277 27.1 18.0 27.0#



#29
 Benzo(g,h,i)perylene
 Concen: 2.079 ng/ul
 RT: 27.74 min Scan# 4208
 Delta R.T. -0.01 min
 Lab File: BN000352.D
 Acq: 13 Mar 2018 16:59

Tgt Ion:276 Resp: 113999
 Ion Ratio Lower Upper
 276 100
 138 32.3 15.3 22.9#
 277 25.9 19.0 28.4

