

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000391.D
 Acq On : 15 Mar 2018 00:51
 Operator : JU/SJ
 Sample : J1866-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 15 07:08:35 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:02:49 2018
 Response via : Initial Calibration

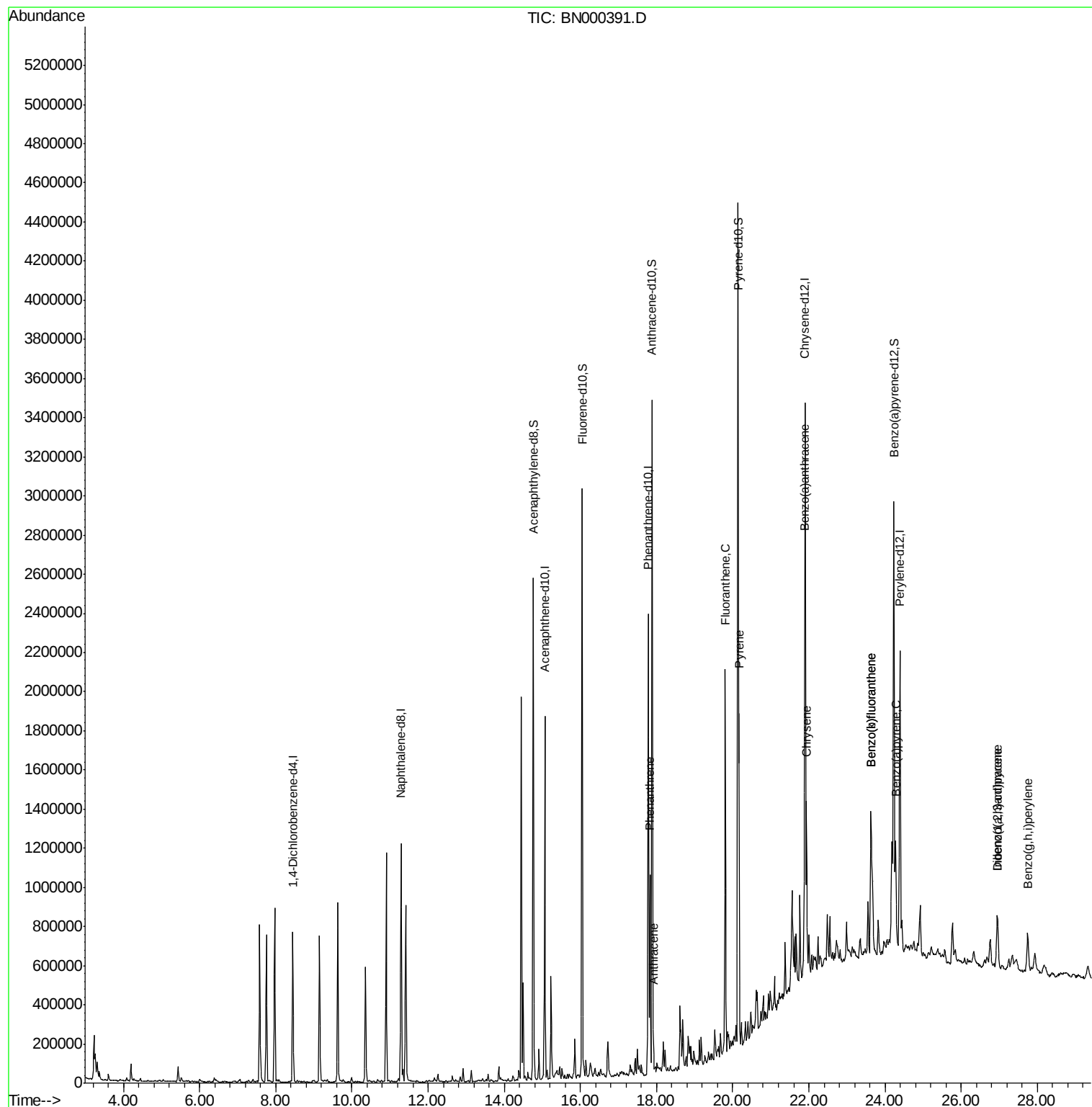
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	212792	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1027890	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	586023	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1291978	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1190974	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1081196	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1759724	30.25	ng/ul	0.00
10) Fluorene-d10	16.05	176	1167110	29.63	ng/ul	0.00
14) Anthracene-d10	17.88	188	1827355	30.27	ng/ul	0.00
18) Pyrene-d10	20.14	212	2007521	34.46	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1529100	30.97	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	563873	7.610	ng/ul	100
15) Anthracene	17.92	178	111792	1.487	ng/ul	97
16) Fluoranthene	19.80	202	1079349	13.482	ng/ul#	93
19) Pyrene	20.16	202	887780	11.807	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	453184	6.121	ng/ul	97
21) Chrysene	21.94	228	478119	6.805	ng/ul	96
23) Benzo(b)fluoranthene	23.63	252	633369	9.824	ng/ul#	95
24) Benzo(k)fluoranthene	23.63	252	790432	13.098	ng/ul#	95
26) Benzo(a)pyrene	24.28	252	371421	6.053	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.96	276	249648	3.773	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.96	278	68973	1.272	ng/ul#	79
29) Benzo(g,h,i)perylene	27.74	276	239252	4.331	ng/ul#	86

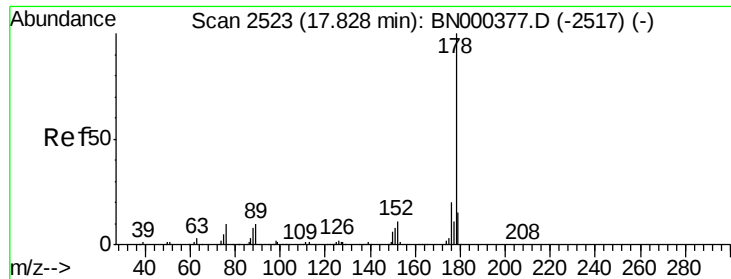
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
Data File : BN000391.D
Acq On : 15 Mar 2018 00:51
Operator : JU/SJ
Sample : J1866-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 15 07:08:35 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 15 07:02:49 2018
Response via : Initial Calibration

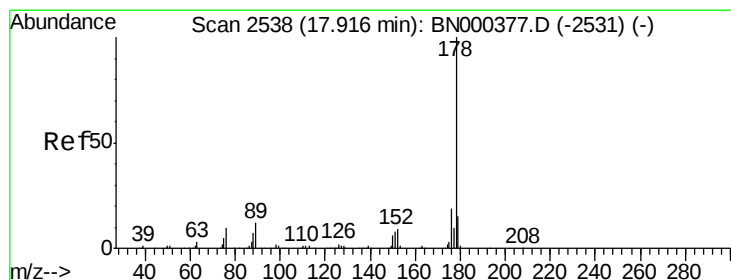
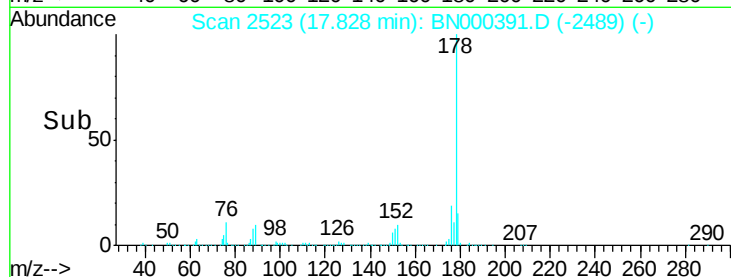
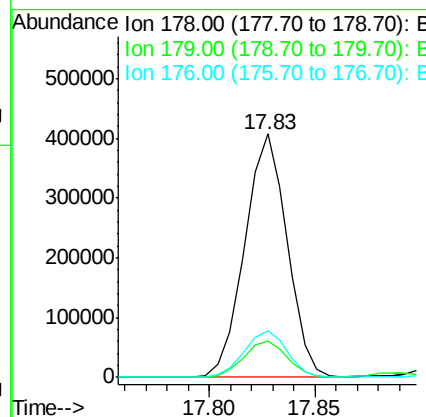
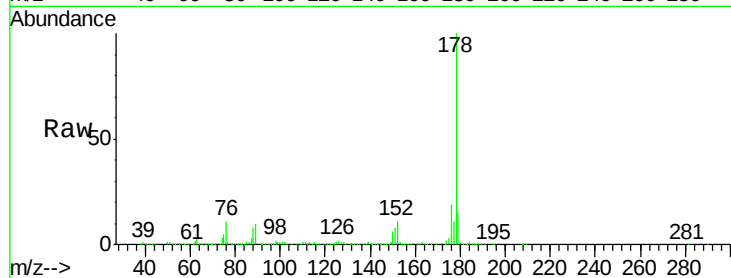




#13
Phenanthrene
Concen: 7.610 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000391.D
Acq: 15 Mar 2018 00:51

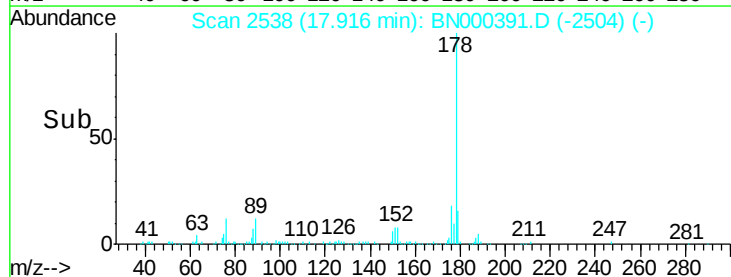
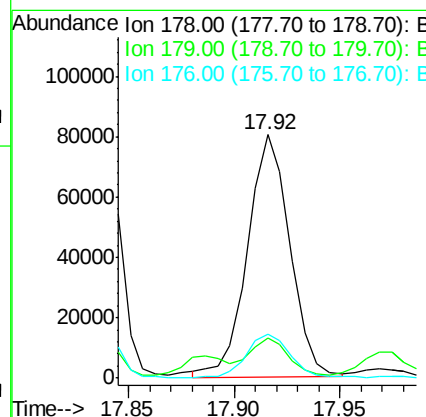
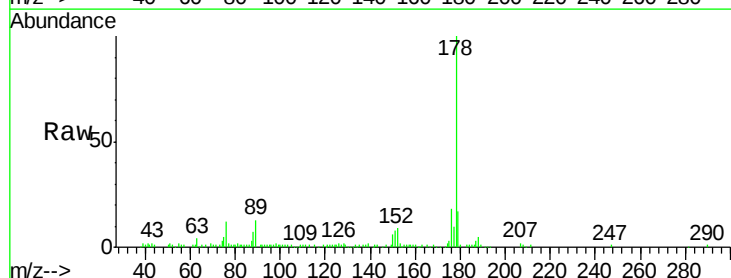
Instrument :
BNA_N
ClientSampleId :

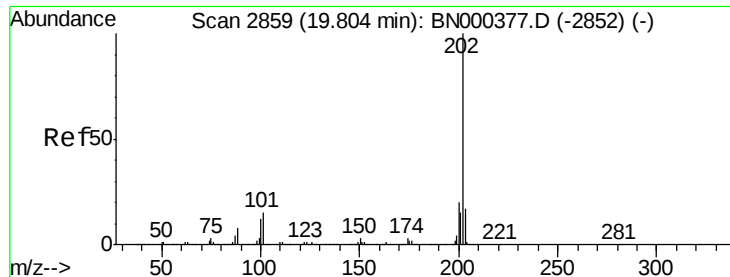
Tot Ion:178 Resp: 563873
Ion Ratio Lower Upper
178 100
179 15.0 12.3 18.5
176 18.9 15.1 22.7



#15
Anthracene
Concen: 1.487 ng/ul
RT: 17.92 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BN000391.D
Acq: 15 Mar 2018 00:51

Tgt Ion:178 Resp: 111792
Ion Ratio Lower Upper
178 100
179 16.6 11.8 17.8
176 18.1 15.2 22.8





#16

Fluoranthene

Concen: 13.482 ng/ul

RT: 19.80 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BN000391.D

Acq: 15 Mar 2018 00:51

Instrument :

BNA_N

ClientSampleId :

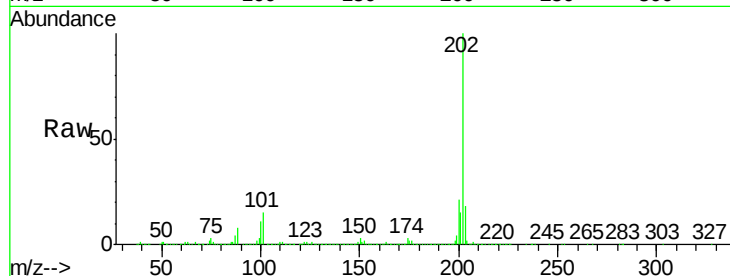
Tot Ion:202 Resp: 1079349

Ion Ratio Lower Upper

202 100

101 15.2 9.9 14.9#

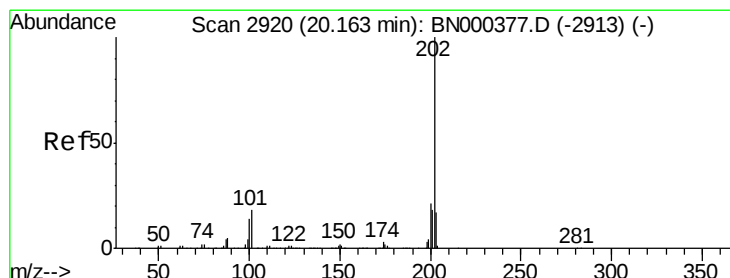
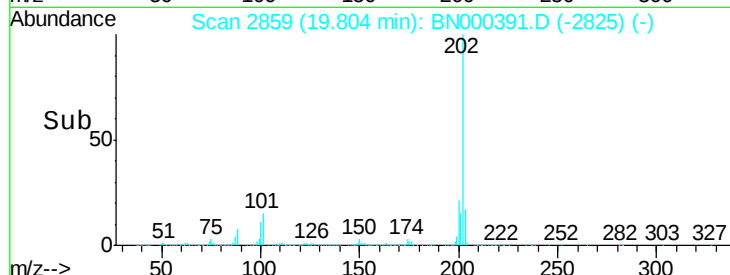
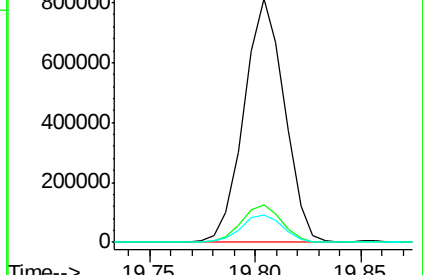
100 11.4 7.4 11.0#



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

Pyrene

Concen: 11.807 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BN000391.D

Acq: 15 Mar 2018 00:51

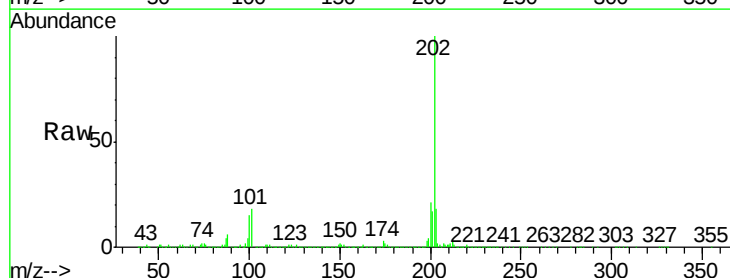
Tgt Ion:202 Resp: 887780

Ion Ratio Lower Upper

202 100

101 18.2 11.0 16.4#

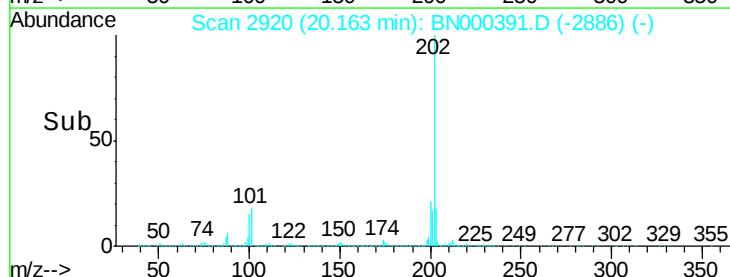
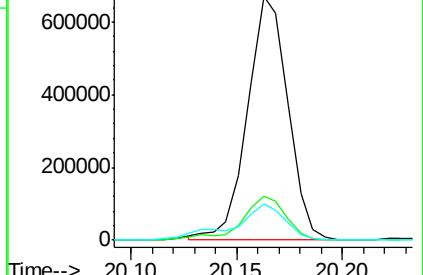
100 14.7 8.1 12.1#

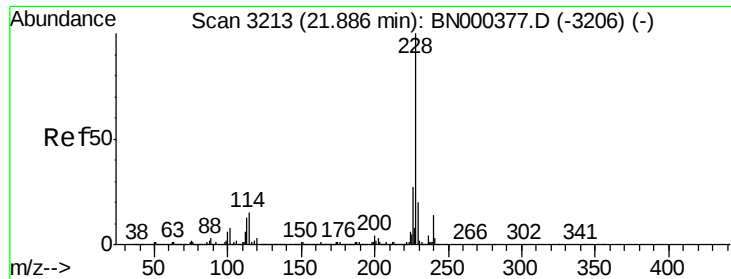


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

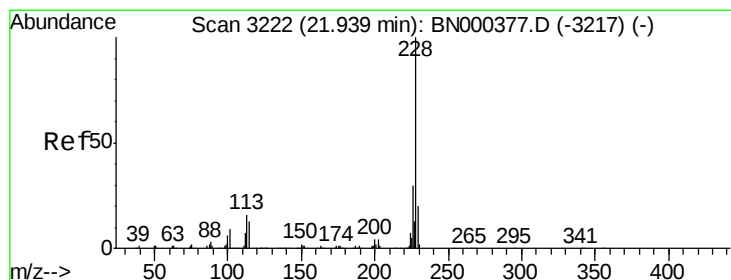
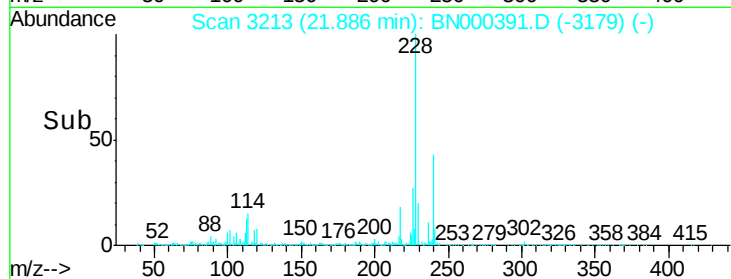
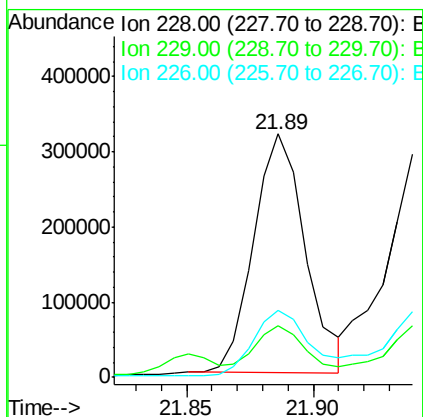
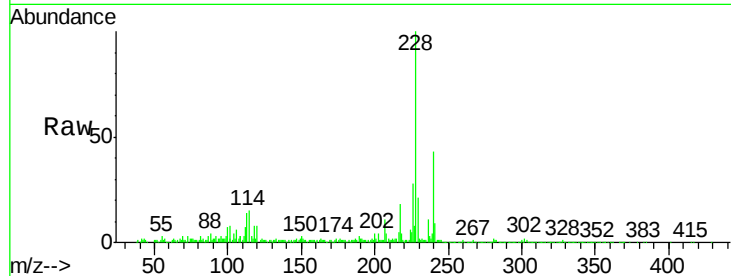




#20
Benzo(a)anthracene
Concen: 6.121 ng/ul
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000391.D
Acq: 15 Mar 2018 00:51

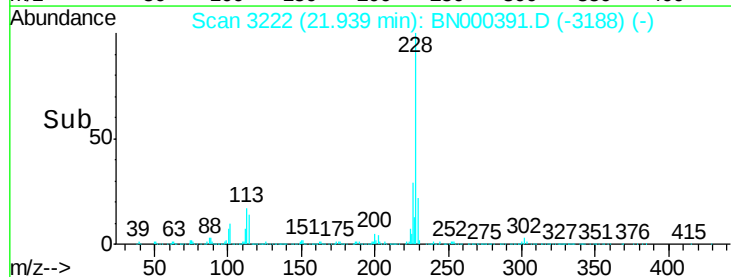
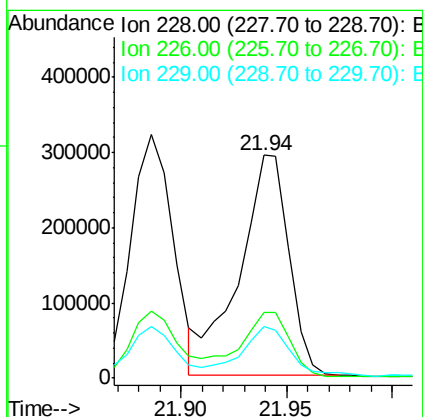
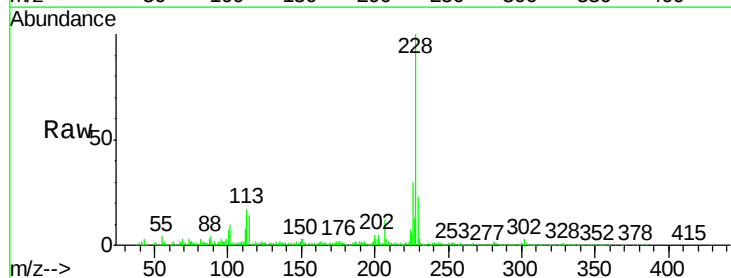
Instrument :
BNA_N
ClientSampleId :

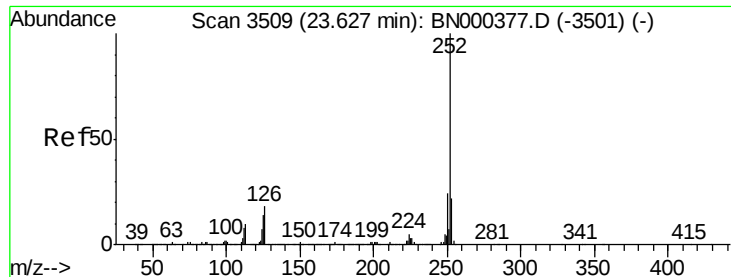
Tot Ion:228 Resp: 453184
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 27.6 21.1 31.7



#21
Chrysene
Concen: 6.805 ng/ul
RT: 21.94 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BN000391.D
Acq: 15 Mar 2018 00:51

Tgt Ion:228 Resp: 478119
Ion Ratio Lower Upper
228 100
226 29.7 24.5 36.7
229 22.9 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 9.824 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. 0.01 min

Lab File: BN000391.D

Acq: 15 Mar 2018 00:51

Instrument :

BNA_N

ClientSampleId :

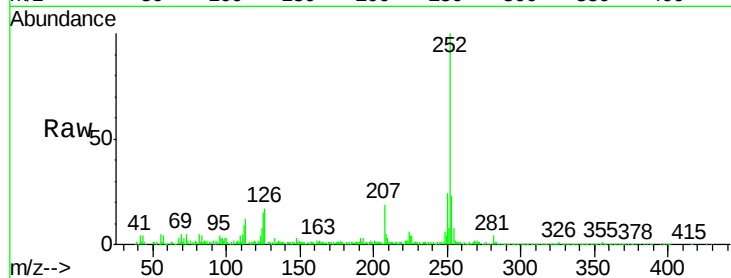
Tot Ion:252 Resp: 633369

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

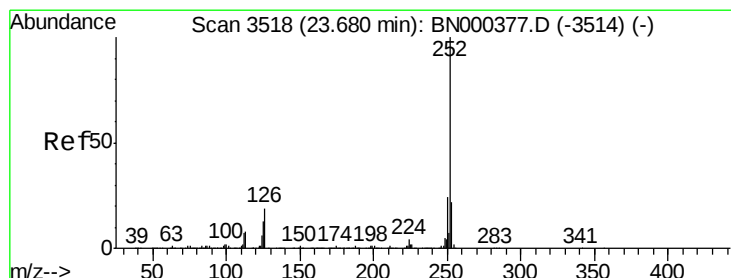
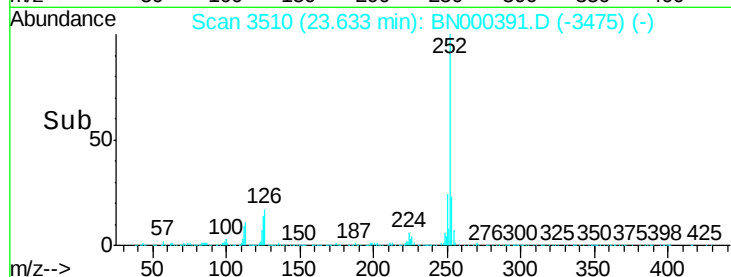
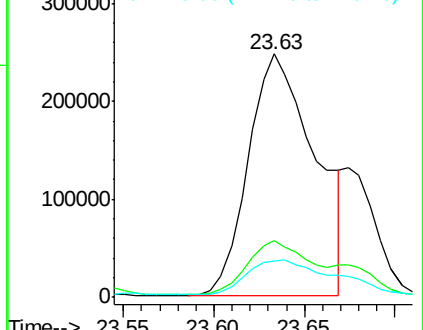
125 14.9 8.0 12.0#



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: 13.098 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. -0.05 min

Lab File: BN000391.D

Acq: 15 Mar 2018 00:51

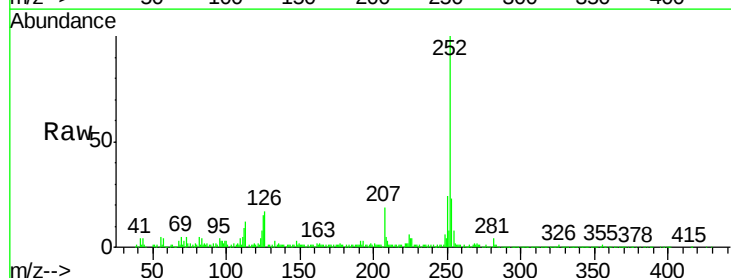
Tgt Ion:252 Resp: 790432

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

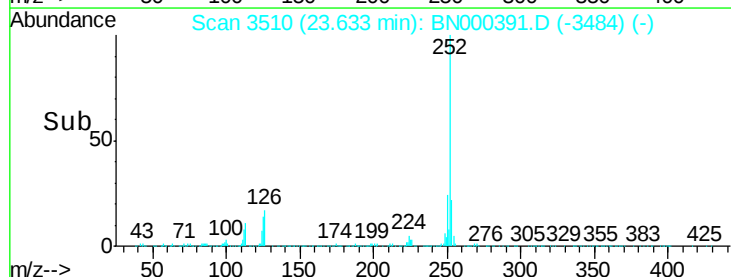
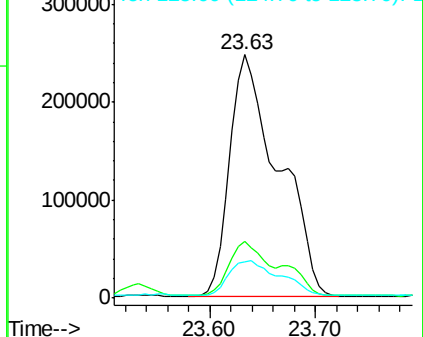
125 14.9 8.1 12.1#

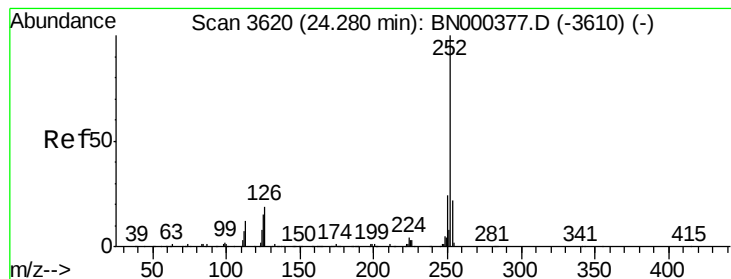


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 6.053 ng/ul

RT: 24.28 min Scan# 3620

Delta R.T. -0.00 min

Lab File: BN000391.D

Acq: 15 Mar 2018 00:51

Instrument :

BNA_N

ClientSampleId :

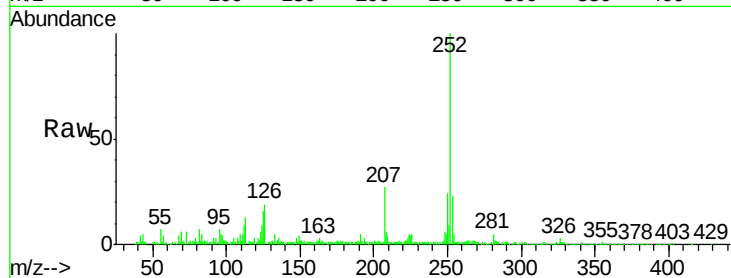
Tot Ion:252 Resp: 371421

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

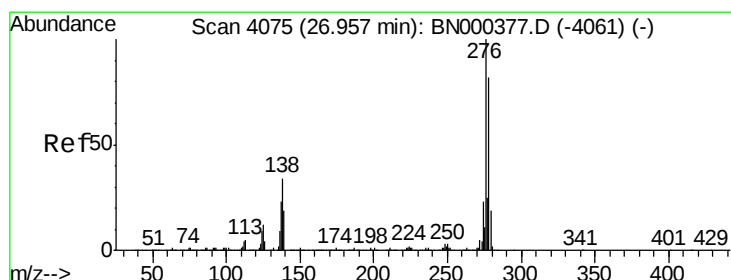
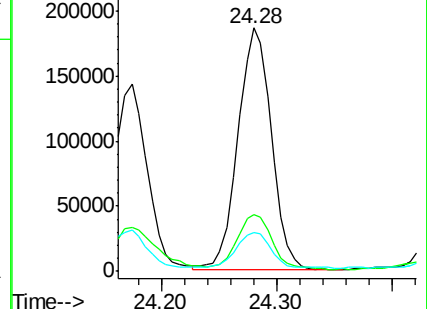
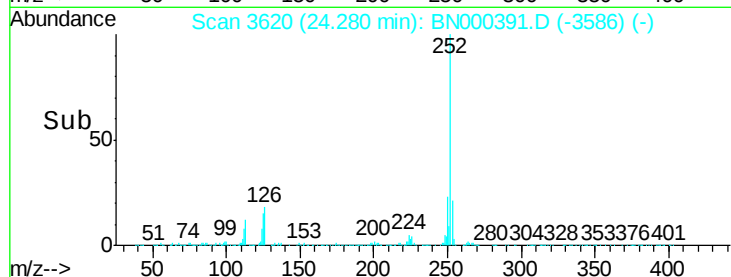
125 15.9 8.2 12.4#



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: 3.773 ng/ul

RT: 26.96 min Scan# 4075

Delta R.T. -0.00 min

Lab File: BN000391.D

Acq: 15 Mar 2018 00:51

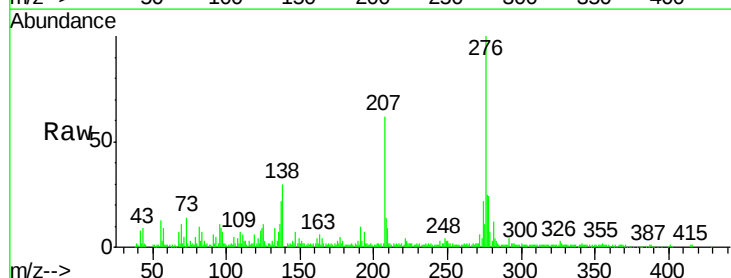
Tgt Ion:276 Resp: 249648

Ion Ratio Lower Upper

276 100

138 29.5 14.4 21.6#

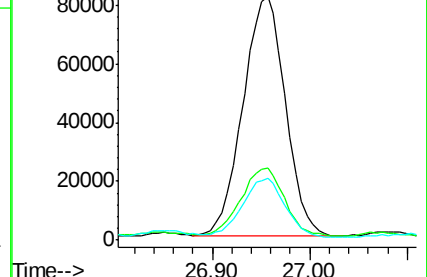
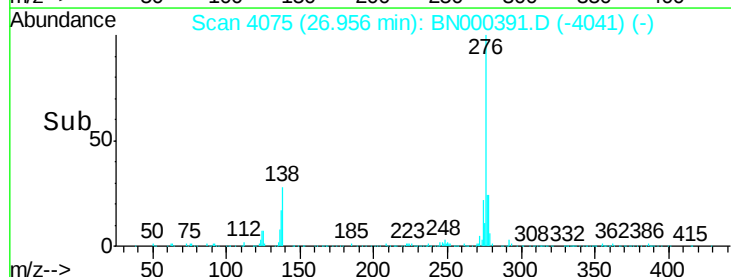
277 25.3 18.0 27.0

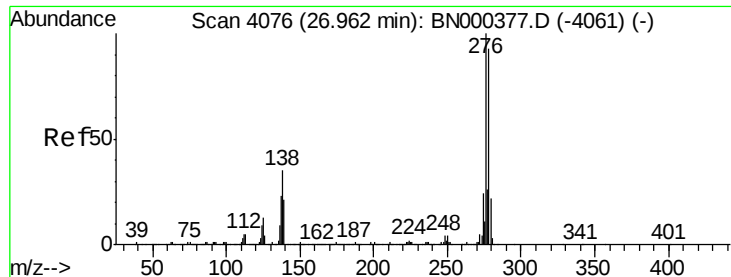


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Dibenzo(a,h)anthracene

Concen: 1.272 ng/ul

RT: 26.96 min Scan# 4075

Delta R.T. -0.01 min

Lab File: BN000391.D

Acq: 15 Mar 2018 00:51

Instrument :

BNA_N

ClientSampled :

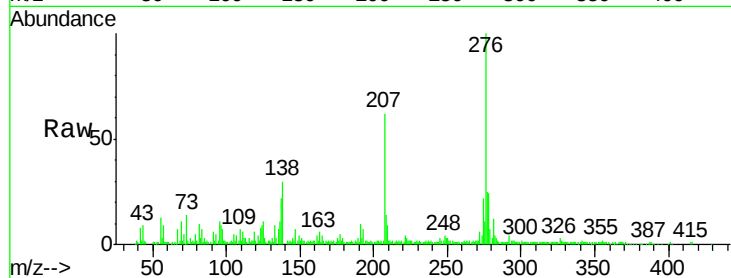
Tot Ion:278 Resp: 68973

Ion Ratio Lower Upper

278 100

139 0.0 12.2 18.4#

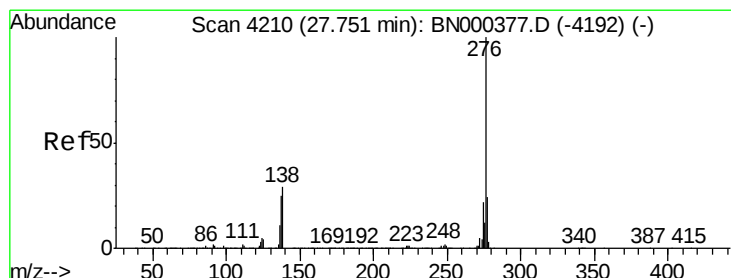
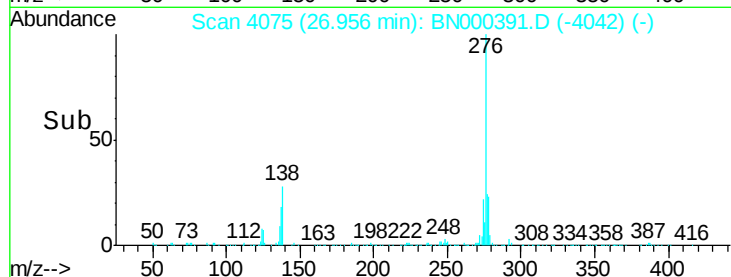
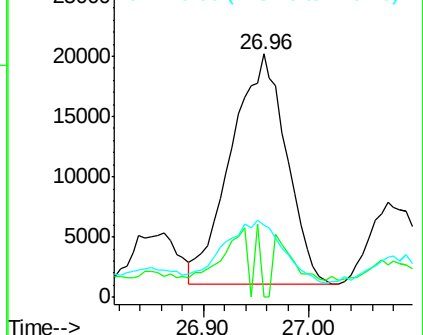
279 29.4 19.2 28.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#29

Benzo(g,h,i)perylene

Concen: 4.331 ng/ul

RT: 27.74 min Scan# 4209

Delta R.T. -0.01 min

Lab File: BN000391.D

Acq: 15 Mar 2018 00:51

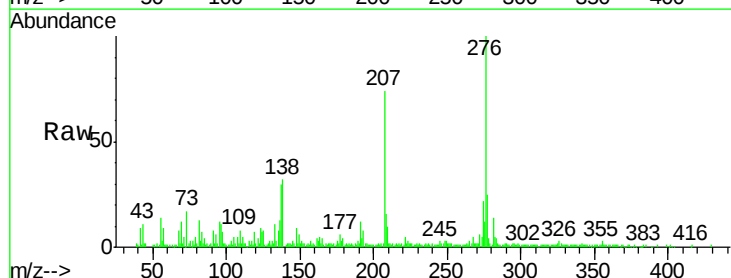
Tgt Ion:276 Resp: 239252

Ion Ratio Lower Upper

276 100

138 31.9 15.3 22.9#

277 24.5 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

