

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
 Data File : BN010528.D
 Acq On : 16 Apr 2020 22:10
 Operator : CG/JU
 Sample : L2191-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB7A6

Quant Time: Apr 17 01:07:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 16 10:21:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	475690	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2124341	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1401883	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	3196563	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	3192558	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2819020	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	57593	6.34	ng/uL	0.00
5) Phenol-d5	6.78	99	1282635	34.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	696804	36.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	1103312	34.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1113056	35.15	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	580716	35.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	642044	35.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1196477	33.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1136029	27.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	3848858	37.00	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	4689942	36.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	669658	33.07	ng/ul	0.00
58) Fluorene-d10	15.22	176	3458351	37.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	545286	32.66	ng/ul	0.00
71) Anthracene-d10	17.07	188	5308066	35.85	ng/ul	0.00
79) Pyrene-d10	19.37	212	6264590	34.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	5478390	37.47	ng/ul	0.00

Target Compounds

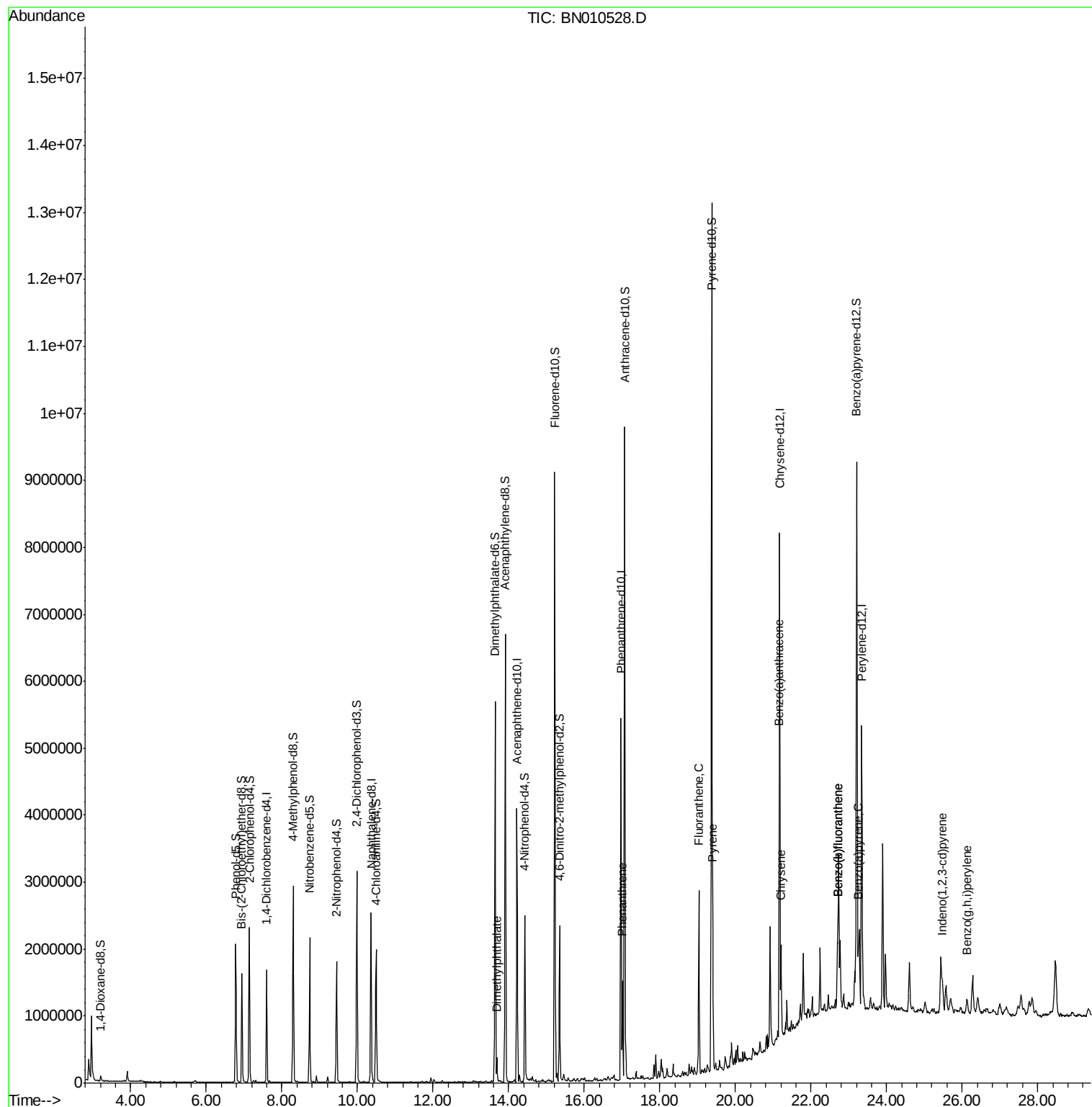
					Ovalue	
45) Dimethylphthalate	13.69	163	224248	2.077	ng/ul#	98
70) Phenanthrene	17.01	178	878443	4.949	ng/ul	98
77) Fluoranthene	19.03	202	1614918	8.373	ng/ul	98
80) Pyrene	19.40	202	1361960	5.904	ng/ul	99
83) Benzo(a)anthracene	21.16	228	784514	3.542	ng/ul	98
85) Chrysene	21.21	228	737001	3.539	ng/ul	96
88) Benzo(b)fluoranthene	22.70	252	852733	4.636	ng/ul	98
89) Benzo(k)fluoranthene	22.70	252	852733	4.672	ng/ul#	98
91) Benzo(a)pyrene	23.25	252	546969	3.347	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.48	276	321332	1.747	ng/ul	98
94) Benzo(g,h,i)perylene	26.13	276	231012	1.517	ng/ul	96

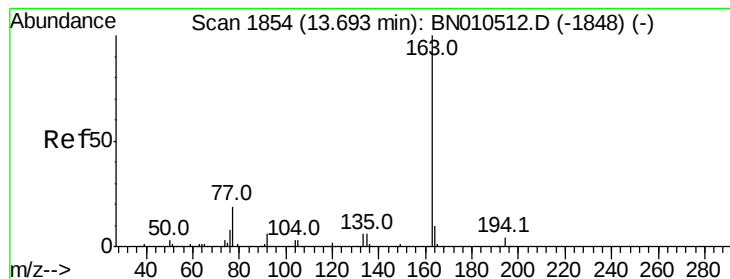
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041620\
Data File : BN010528.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2191-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB7A6

Quant Time: Apr 17 01:07:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 16 10:21:51 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 2.077 ng/ul

RT: 13.69 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BN010528.D

Acq: 16 Apr 2020 22:10

Instrument :

BNA_N

ClientSampleId :

CB7A6

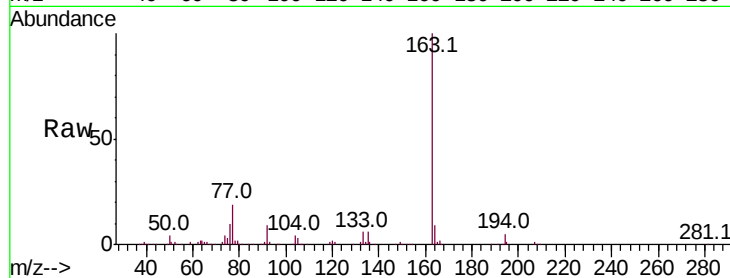
Tot Ion:163 Resp: 224248

Ion Ratio Lower Upper

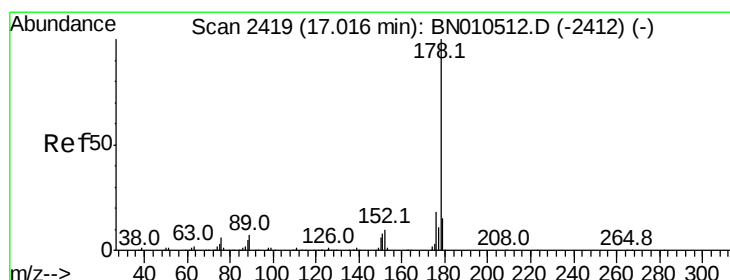
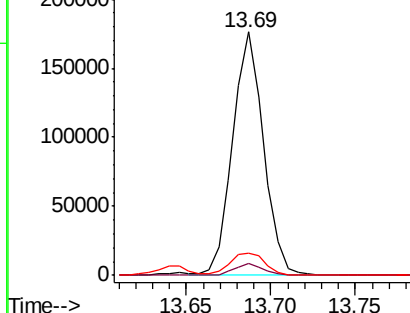
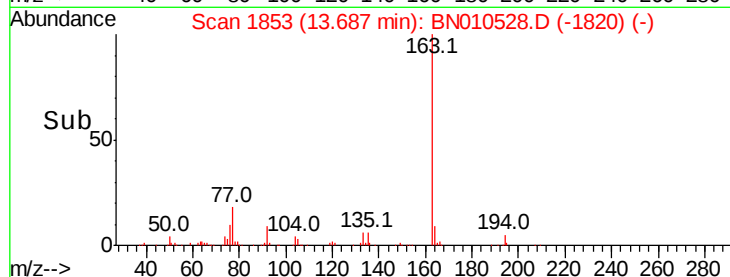
163 100

194 5.1 3.3 4.9#

164 9.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#70

Phenanthrene

Concen: 4.949 ng/ul

RT: 17.01 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BN010528.D

Acq: 16 Apr 2020 22:10

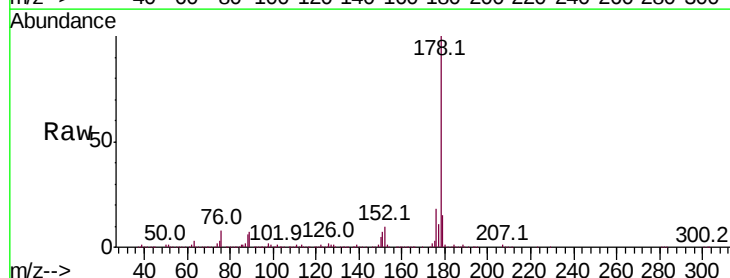
Tgt Ion:178 Resp: 878443

Ion Ratio Lower Upper

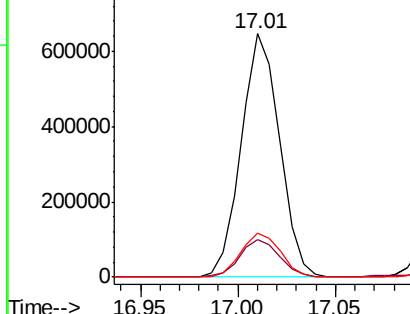
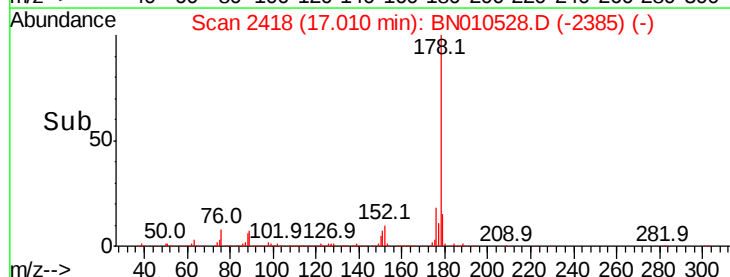
178 100

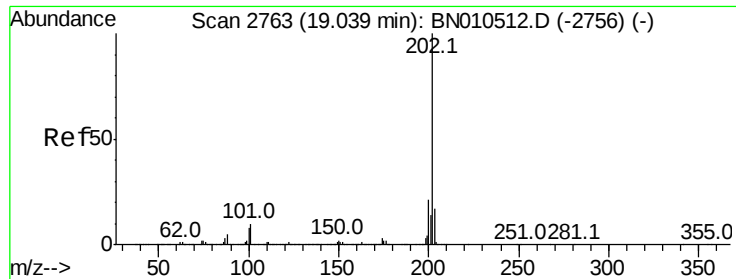
179 15.2 11.4 17.2

176 18.0 15.3 22.9



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





#77

Fluoranthene

Concen: 8.373 ng/ul

RT: 19.03 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BN010528.D

Acq: 16 Apr 2020 22:10

Instrument :

BNA_N

ClientSampleId :

CB7A6

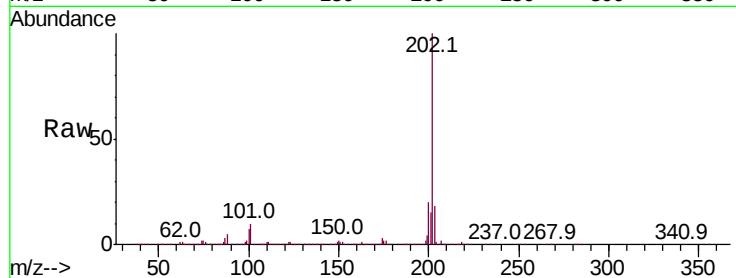
Tot Ion:202 Resp: 1614918

Ion Ratio Lower Upper

202 100

101 10.1 7.1 10.7

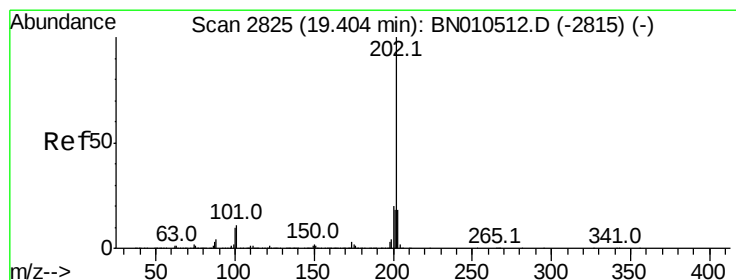
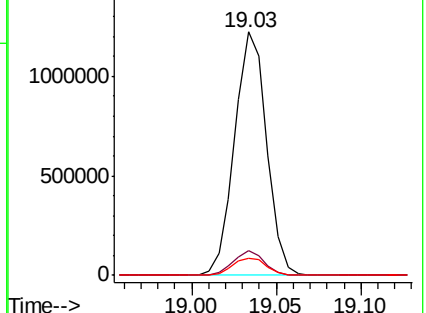
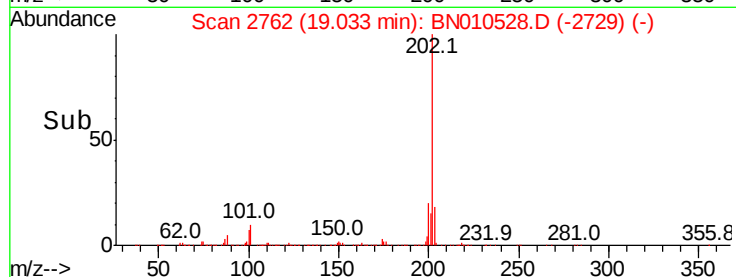
100 7.2 5.5 8.3



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



#80

Pyrene

Concen: 5.904 ng/ul

RT: 19.40 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BN010528.D

Acq: 16 Apr 2020 22:10

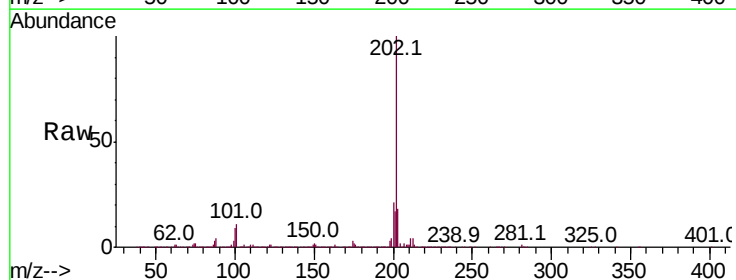
Tgt Ion:202 Resp: 1361960

Ion Ratio Lower Upper

202 100

101 11.3 8.6 13.0

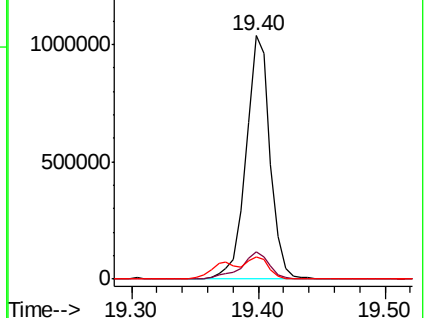
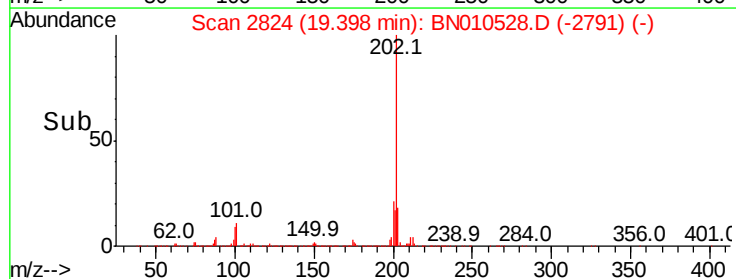
100 9.4 7.0 10.6

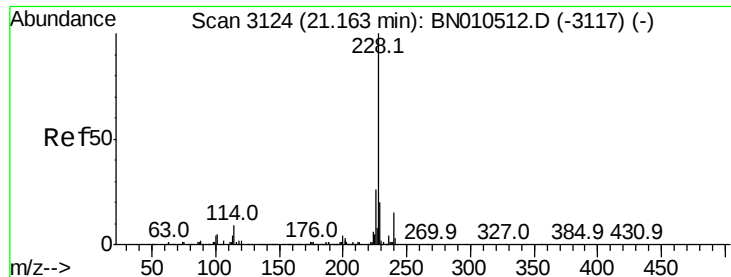


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 3.542 ng/ul

RT: 21.16 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BN010528.D

Acq: 16 Apr 2020 22:10

Instrument :

BNA_N

ClientSampleId :

CB7A6

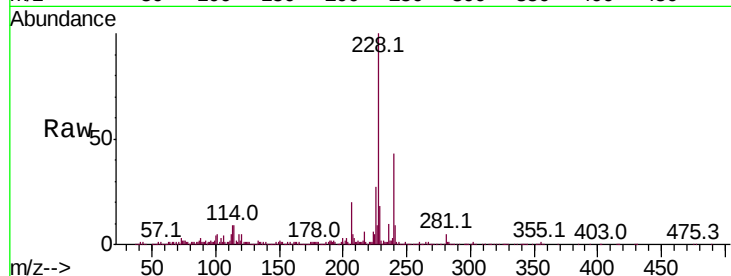
Tot Ion:228 Resp: 784514

Ion Ratio Lower Upper

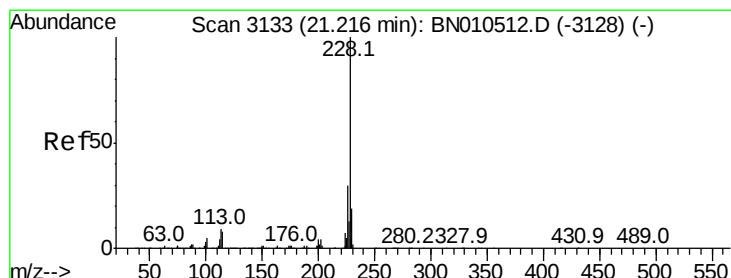
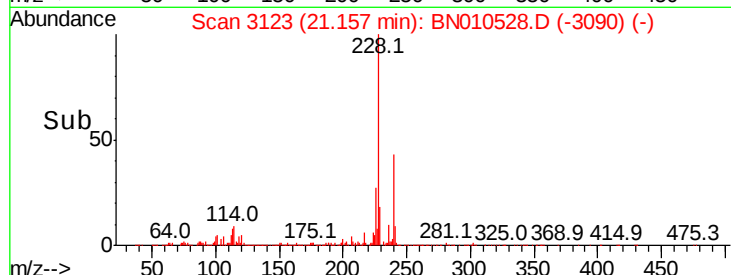
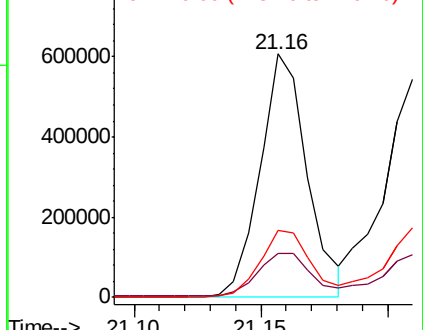
228 100

229 18.2 16.0 24.0

226 27.4 21.4 32.2



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



#85

Chrysene

Concen: 3.539 ng/ul

RT: 21.21 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BN010528.D

Acq: 16 Apr 2020 22:10

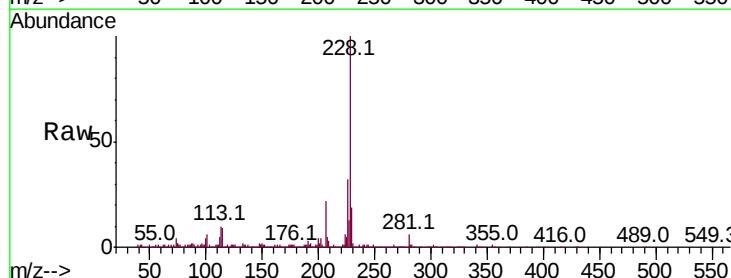
Tgt Ion:228 Resp: 737001

Ion Ratio Lower Upper

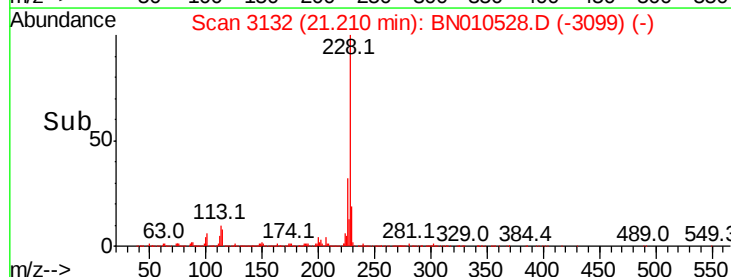
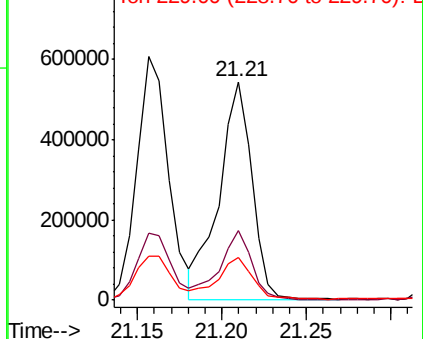
228 100

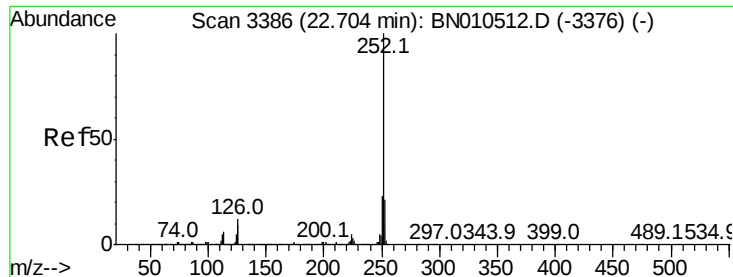
226 31.8 23.0 34.6

229 19.4 15.0 22.4



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





#88

Benzo(b)fluoranthene

Concen: 4.636 ng/u1

RT: 22.70 min Scan# 3385

Delta R.T. -0.01 min

Lab File: BN010528.D

Acq: 16 Apr 2020 22:10

Instrument :

BNA_N

ClientSampled :

CB7A6

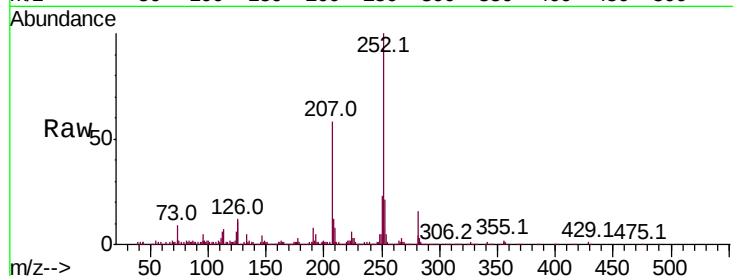
Tot Ion:252 Resp: 852733

Ion Ratio Lower Upper

252 100

253 21.4 16.7 25.1

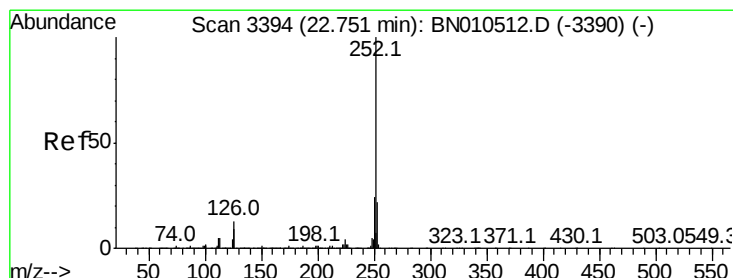
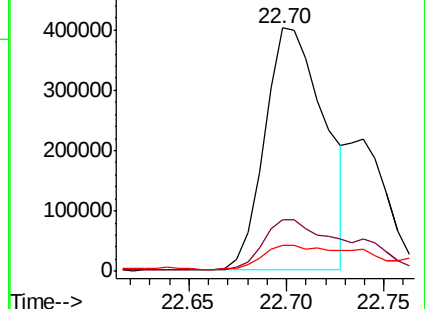
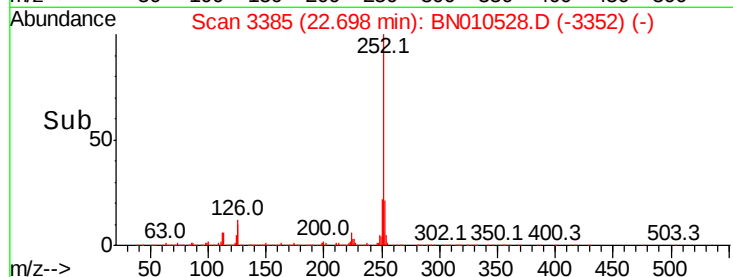
125 10.8 7.2 10.8



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



#89

Benzo(k)fluoranthene

Concen: 4.672 ng/u1

RT: 22.70 min Scan# 3385

Delta R.T. -0.05 min

Lab File: BN010528.D

Acq: 16 Apr 2020 22:10

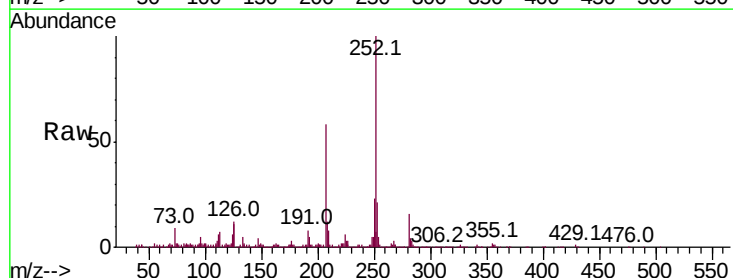
Tgt Ion:252 Resp: 852733

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

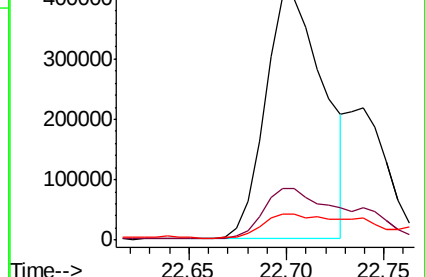
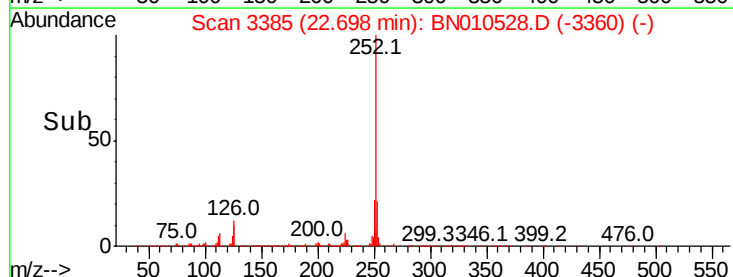
125 10.8 6.9 10.3#

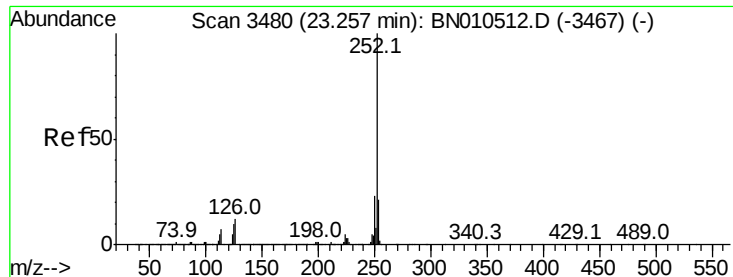


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.347 ng/ul

RT: 23.25 min Scan# 3479

Delta R.T. -0.01 min

Lab File: BN010528.D

Acq: 16 Apr 2020 22:10

Instrument :

BNA_N

ClientSampleId :

CB7A6

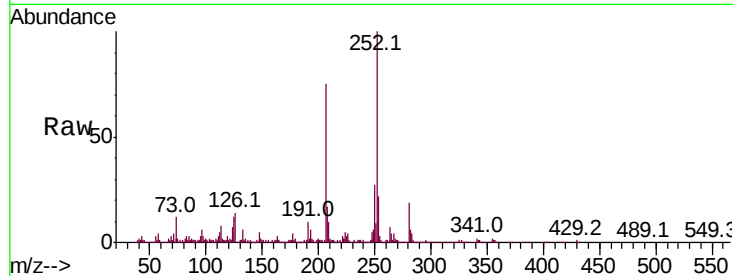
Tot Ion:252 Resp: 546969

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

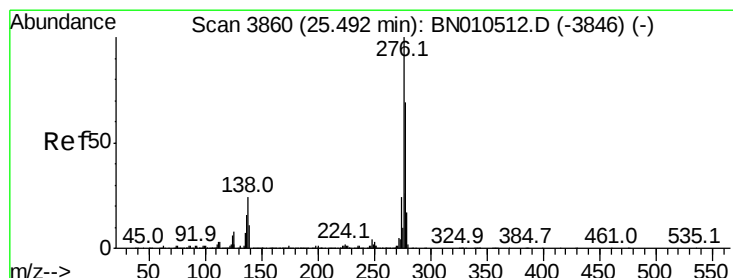
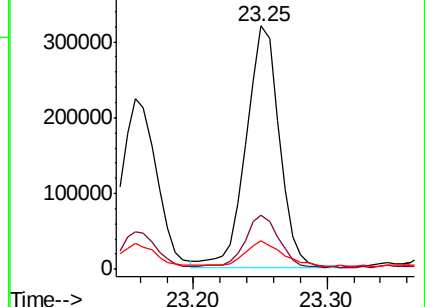
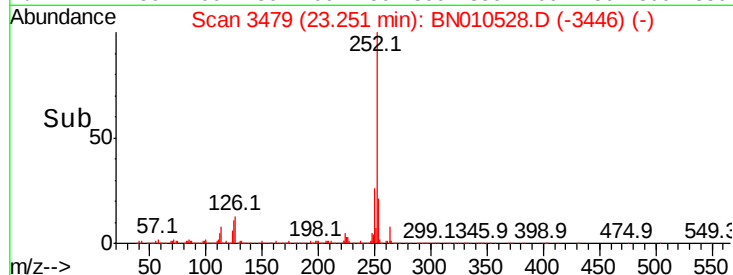
125 11.8 7.8 11.6#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.747 ng/ul

RT: 25.48 min Scan# 3858

Delta R.T. -0.01 min

Lab File: BN010528.D

Acq: 16 Apr 2020 22:10

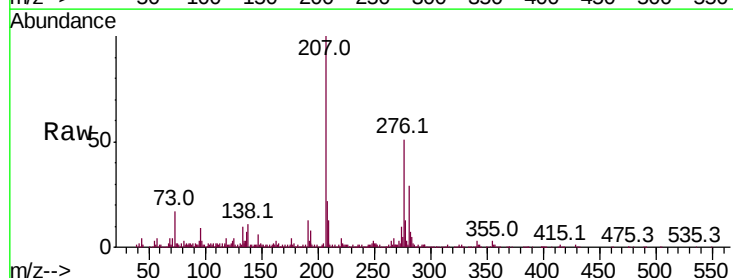
Tgt Ion:276 Resp: 321332

Ion Ratio Lower Upper

276 100

138 21.2 18.3 27.5

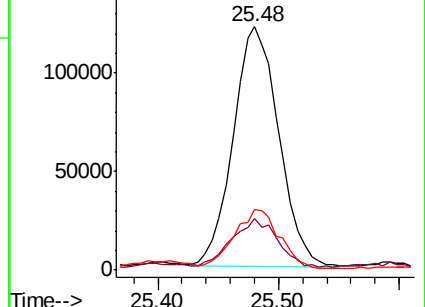
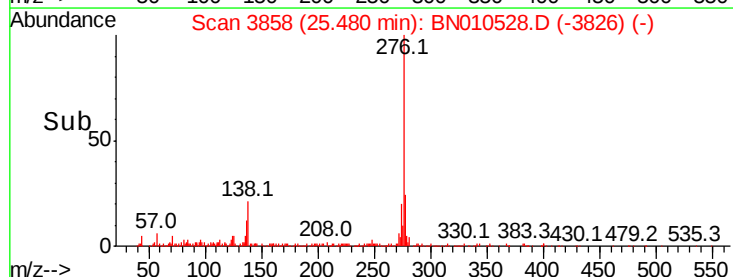
277 25.1 19.8 29.8

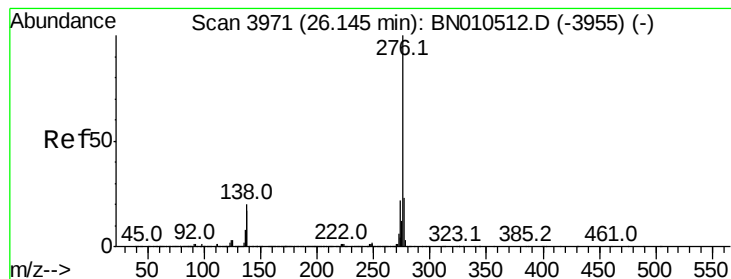


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.517 ng/ul

RT: 26.13 min Scan# 3969

Delta R.T. -0.01 min

Lab File: BN010528.D

Acq: 16 Apr 2020 22:10

Instrument :

BNA_N

ClientSampleId :

CB7A6

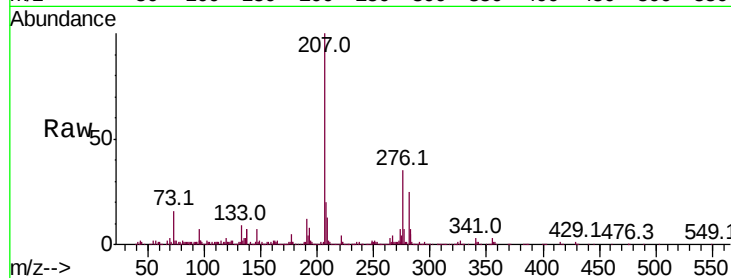
Tot Ion:276 Resp: 231012

Ion Ratio Lower Upper

276 100

138 20.4 14.7 22.1

277 21.0 18.4 27.6



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

