

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042421\
 Data File : BN014417.D
 Acq On : 25 Apr 2021 00:00
 Operator : CG/JU
 Sample : M2065-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG4Z8

Quant Time: Apr 26 01:53:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 23 12:06:34 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	119096	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	492613	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	273399	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	605974	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	663950	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	622774	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	5585	1.78	ng/uL	0.00
4) Pyridine-d5	3.60	84	288	0.03	ng/ul	-0.01
7) Phenol-d5	6.85	99	113682	11.42	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	81502	13.67	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	97269	12.42	ng/ul	0.00
15) 4-Methylphenol-d8	8.38	113	88574	11.74	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	54019	15.17	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	34979	10.03	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	80907	10.77	ng/ul	0.00
31) 4-Chloroaniline-d4	10.59	131	89630	8.05	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	274691	13.87	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	379506	15.93	ng/ul	0.00
54) 4-Nitrophenol-d4	14.51	143	13377	3.48	ng/ul	0.00
60) Fluorene-d10	15.32	176	267749	15.29	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	7981	2.46	ng/ul	0.00
73) Anthracene-d10	17.16	188	405541	14.34	ng/ul	0.00
81) Pyrene-d10	19.46	212	470764	14.61	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.34	264	487180	14.75	ng/ul	0.00

Target Compounds

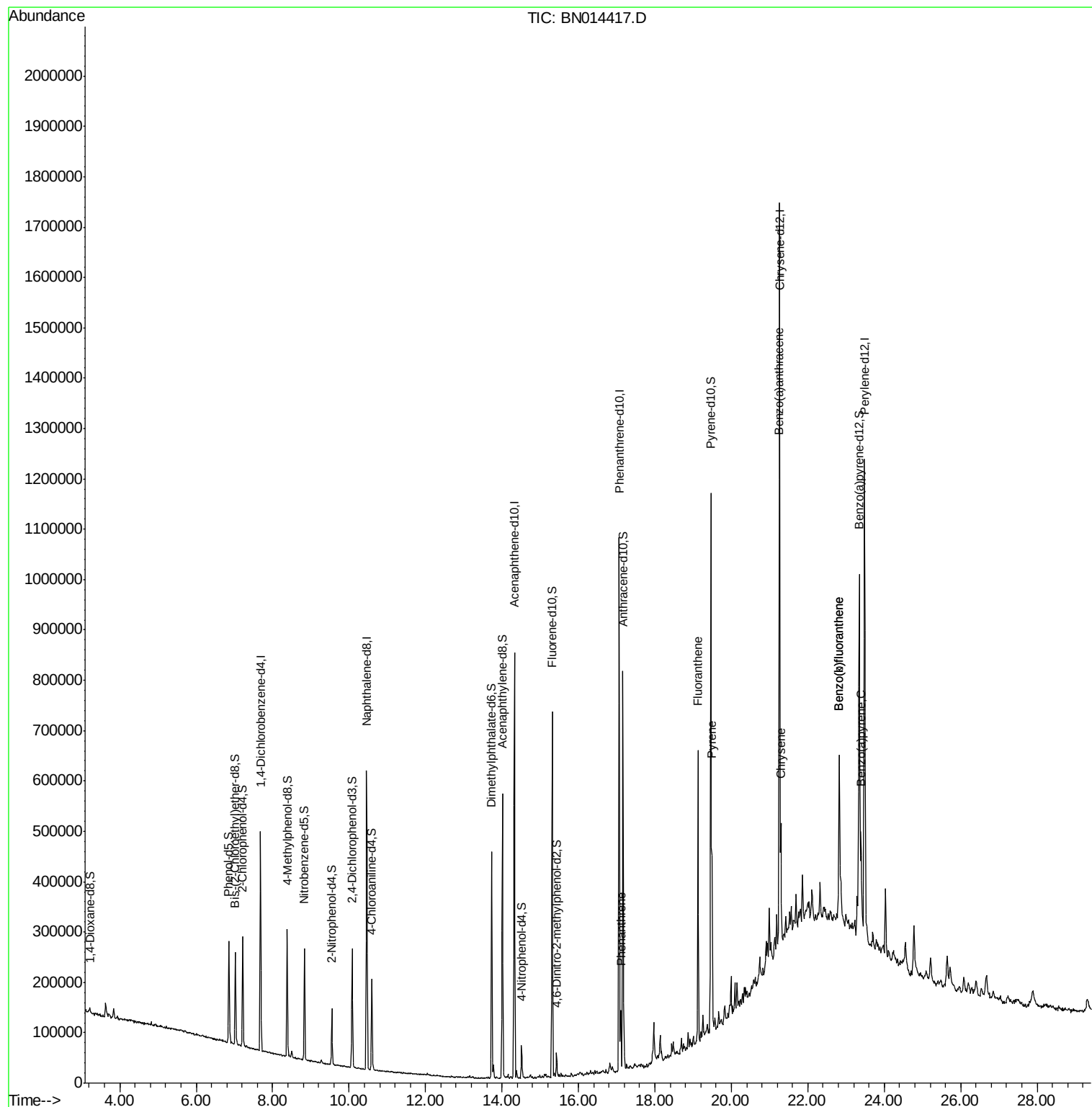
					Ovalue	
72) Phenanthrene	17.11	178	66566	1.881	ng/ul	99
80) Fluoranthene	19.13	202	313312	7.693	ng/ul	99
82) Pyrene	19.49	202	246740	5.690	ng/ul	99
85) Benzo(a)anthracene	21.24	228	85429	1.991	ng/ul	95
87) Chrysene	21.30	228	132241	3.180	ng/ul	96
90) Benzo(b)fluoranthene	22.82	252	131754	3.162	ng/ul#	89
91) Benzo(k)fluoranthene	22.82	252	131754	3.177	ng/ul#	90
93) Benzo(a)pyrene	23.39	252	55288	1.500	ng/ul#	90

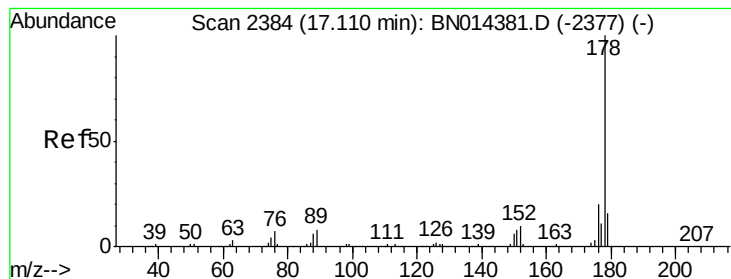
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 1.881 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BN014417.D

Acq: 25 Apr 2021 00:00

Instrument :

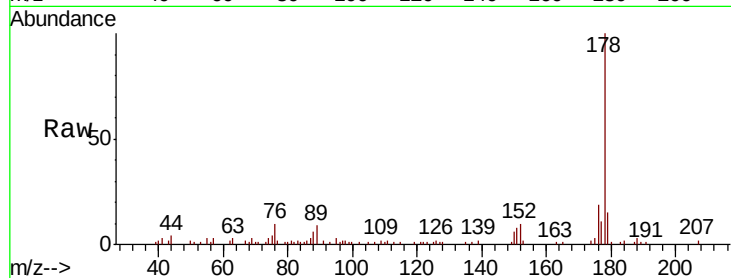
BNA_N

ClientSampleId :

BG4Z8

Tot Ion:178 Resp: 66566

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.4
176	18.9	15.0	22.4

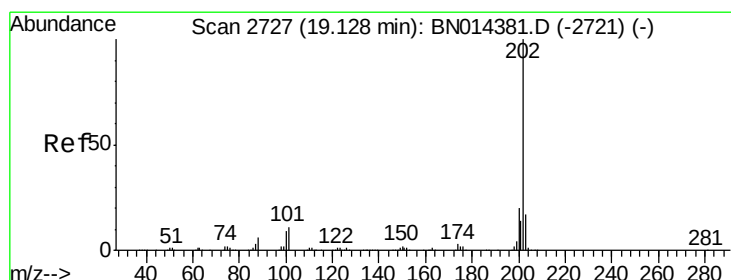
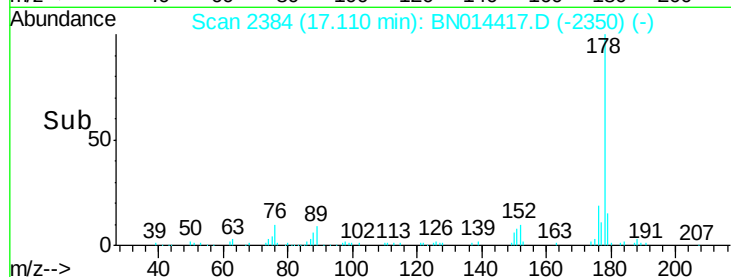
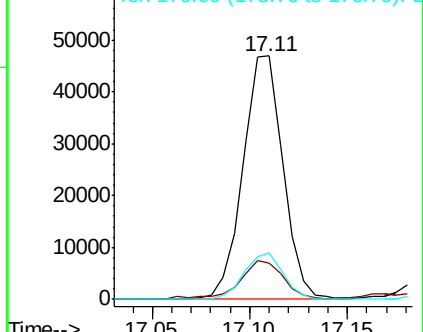


Abundance

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



#80

Fluoranthene

Concen: 7.693 ng/ul

RT: 19.13 min Scan# 2727

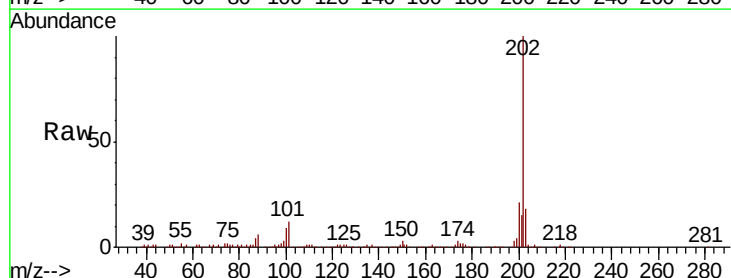
Delta R.T. 0.00 min

Lab File: BN014417.D

Acq: 25 Apr 2021 00:00

Tgt Ion:202 Resp: 313312

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.0	13.6
100	9.0	7.0	10.4

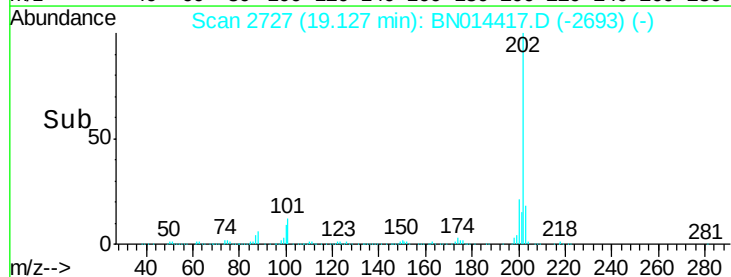
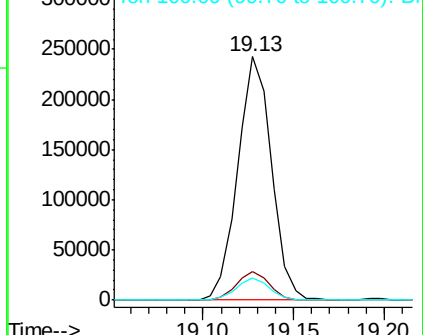


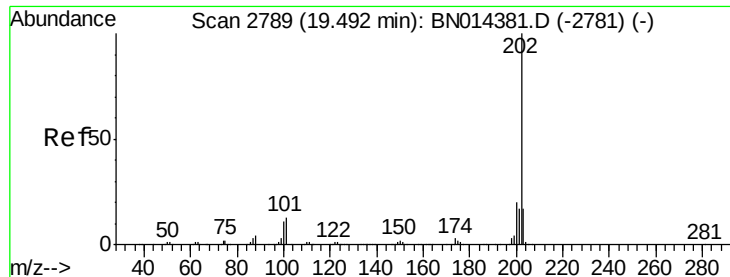
Abundance

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





#82

Pvrene

Concen: 5.690 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BN014417.D

Acq: 25 Apr 2021 00:00

Instrument :

BNA_N

ClientSampleId :

BG4Z8

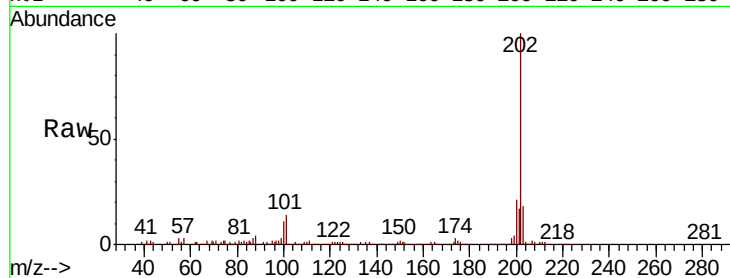
Tot Ion:202 Resp: 246740

Ion Ratio Lower Upper

202 100

101 13.8 10.5 15.7

100 11.0 8.7 13.1



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): E

250000

200000

150000

100000

50000

0

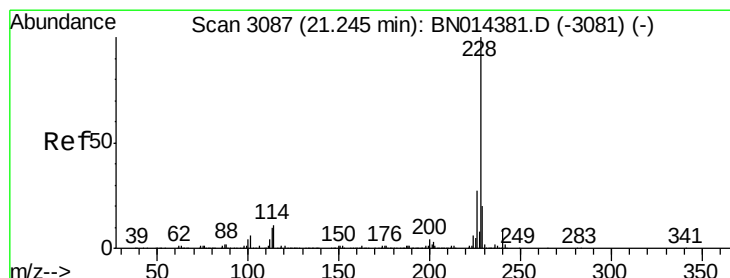
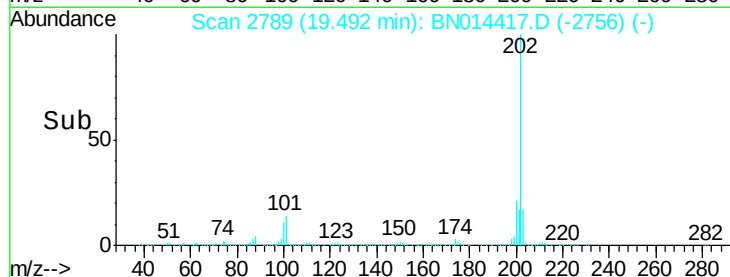
19.49

19.45

19.50

19.55

Time-->



#85

Benzo(a)anthracene

Concen: 1.991 ng/ul

RT: 21.24 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BN014417.D

Acq: 25 Apr 2021 00:00

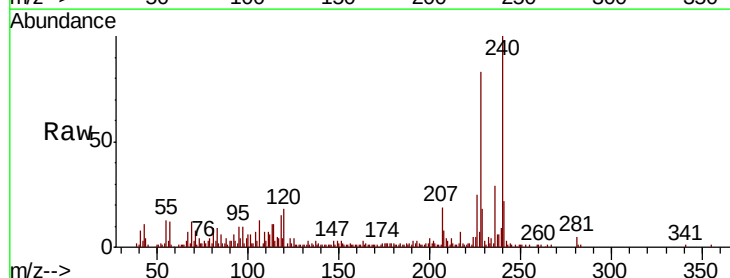
Tgt Ion:228 Resp: 85429

Ion Ratio Lower Upper

228 100

229 21.5 15.4 23.2

226 30.0 21.8 32.8



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

80000

60000

40000

20000

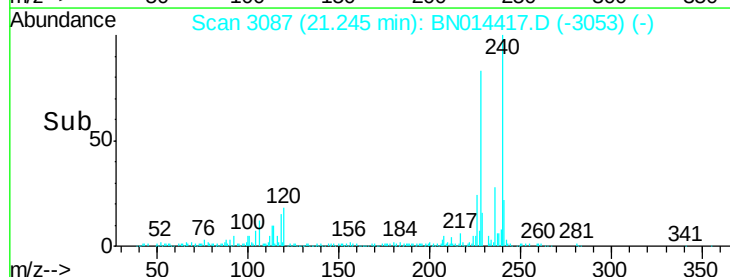
0

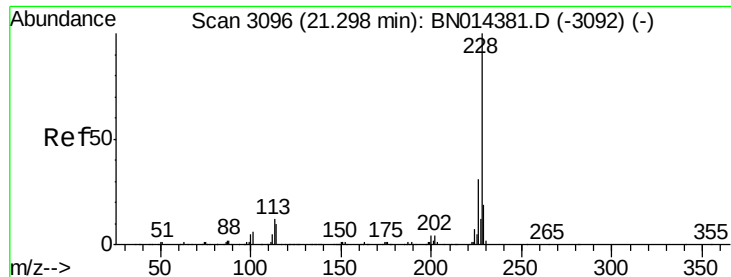
21.24

21.20

21.25

Time-->





#87

Chrysene

Concen: 3.180 ng/ul

RT: 21.30 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BN014417.D

Acq: 25 Apr 2021 00:00

Instrument :

BNA_N

ClientSampled :

BG4Z8

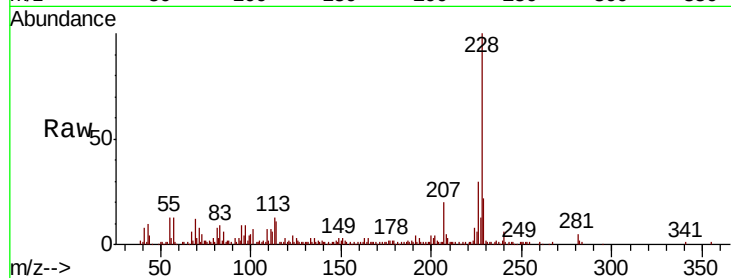
Tot Ion:228 Resp: 132241

Ion Ratio Lower Upper

228 100

226 29.9 26.0 39.0

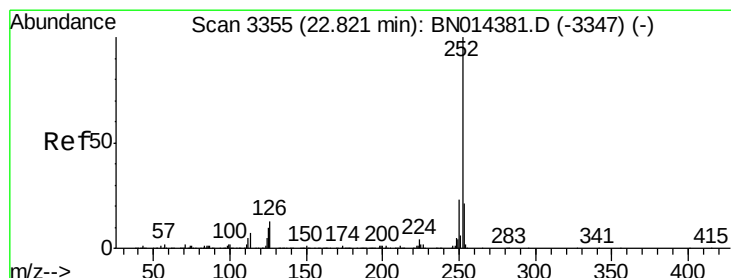
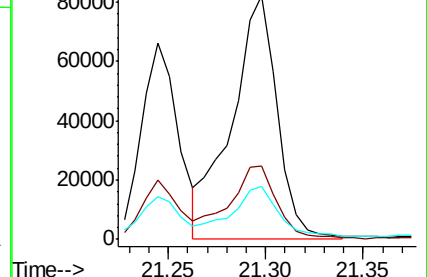
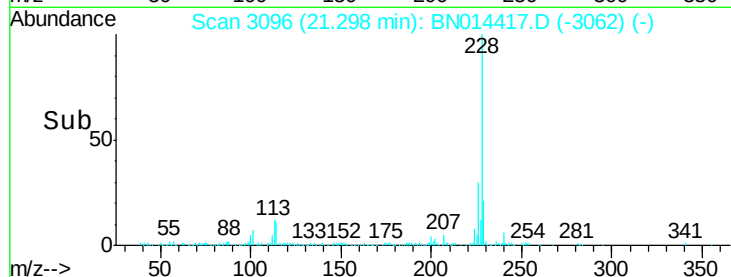
229 21.6 16.4 24.6



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



#90

Benzo(b)fluoranthene

Concen: 3.162 ng/ul

RT: 22.82 min Scan# 3355

Delta R.T. 0.00 min

Lab File: BN014417.D

Acq: 25 Apr 2021 00:00

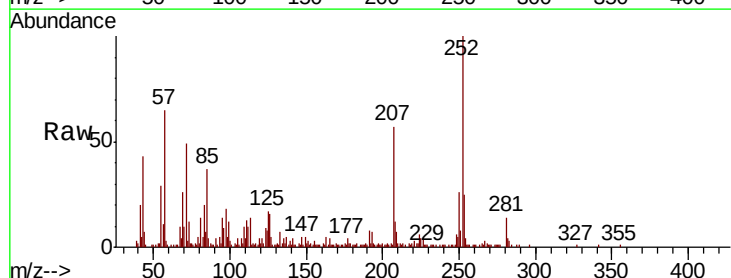
Tgt Ion:252 Resp: 131754

Ion Ratio Lower Upper

252 100

253 25.2 17.3 25.9

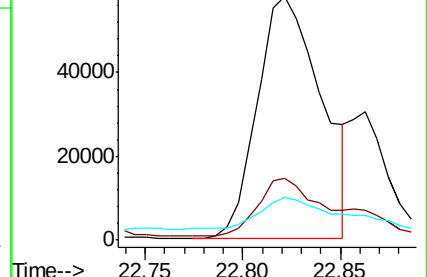
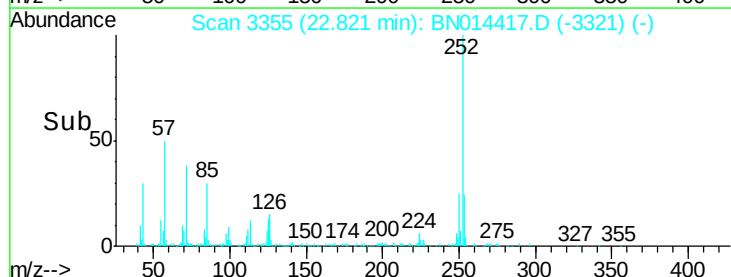
125 17.4 8.1 12.1#

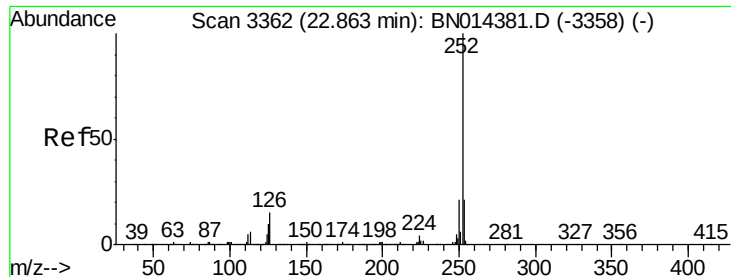


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(k)fluoranthene

Concen: 3.177 ng/ul

RT: 22.82 min Scan# 3355

Delta R.T. -0.04 min

Lab File: BN014417.D

Acq: 25 Apr 2021 00:00

Instrument :

BNA_N

ClientSampleId :

BG4Z8

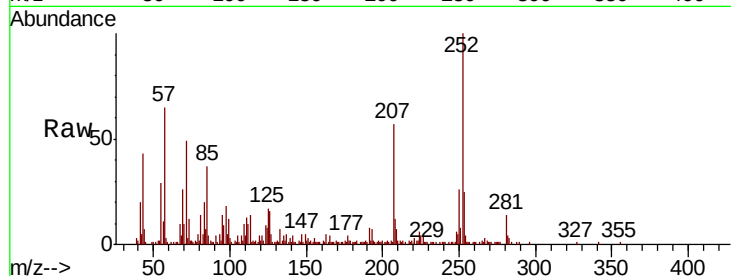
Tot Ion:252 Resp: 131754

Ion Ratio Lower Upper

252 100

253 25.2 17.8 26.8

125 17.4 8.2 12.4#

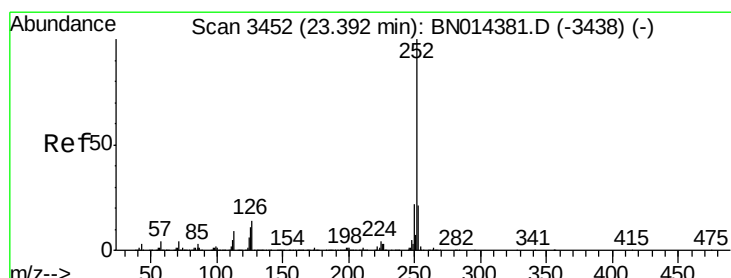
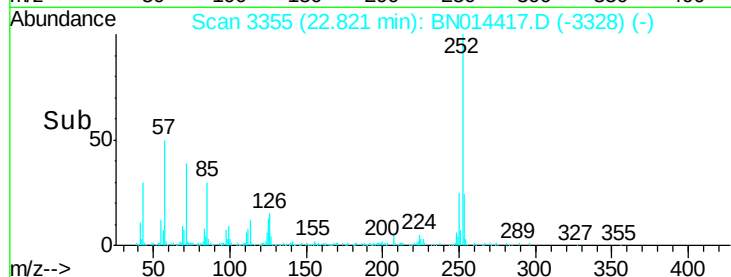
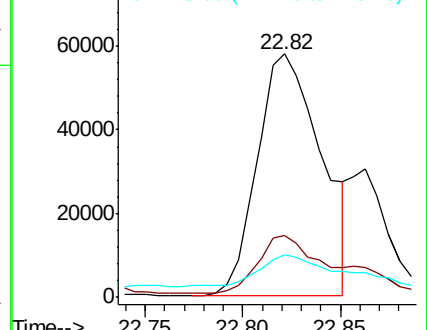


Abundance

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



#93

Benzo(a)pyrene

Concen: 1.500 ng/ul

RT: 23.39 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BN014417.D

Acq: 25 Apr 2021 00:00

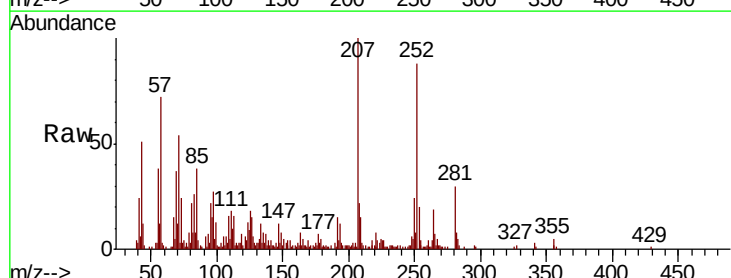
Tgt Ion:252 Resp: 55288

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

125 20.7 9.3 13.9#



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

