

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042421\
 Data File : BN014396.D
 Acq On : 24 Apr 2021 10:58
 Operator : CG/JU
 Sample : M2065-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG568

Quant Time: Apr 26 01:48:38 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	140527	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	592184	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	340837	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	702258	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	708917	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	719739	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	6718	1.82	ng/uL	0.00
4) Pyridine-d5	3.60	84	478	0.05	ng/ul	0.00
7) Phenol-d5	6.85	99	150801	12.84	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	101358	14.41	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	130207	14.09	ng/ul	0.00
15) 4-Methylphenol-d8	8.38	113	109565	12.30	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	66497	15.54	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	54606	13.03	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	112226	12.43	ng/ul	0.00
31) 4-Chloroaniline-d4	10.59	131	130373	9.73	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	374885	15.18	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	501584	16.89	ng/ul	0.00
54) 4-Nitrophenol-d4	14.51	143	35870	7.49	ng/ul	0.00
60) Fluorene-d10	15.32	176	351319	16.10	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	17536	4.67	ng/ul	0.00
73) Anthracene-d10	17.16	188	551126	16.81	ng/ul	0.00
81) Pyrene-d10	19.46	212	623854	18.13	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.35	264	635286	16.64	ng/ul	0.00

Target Compounds

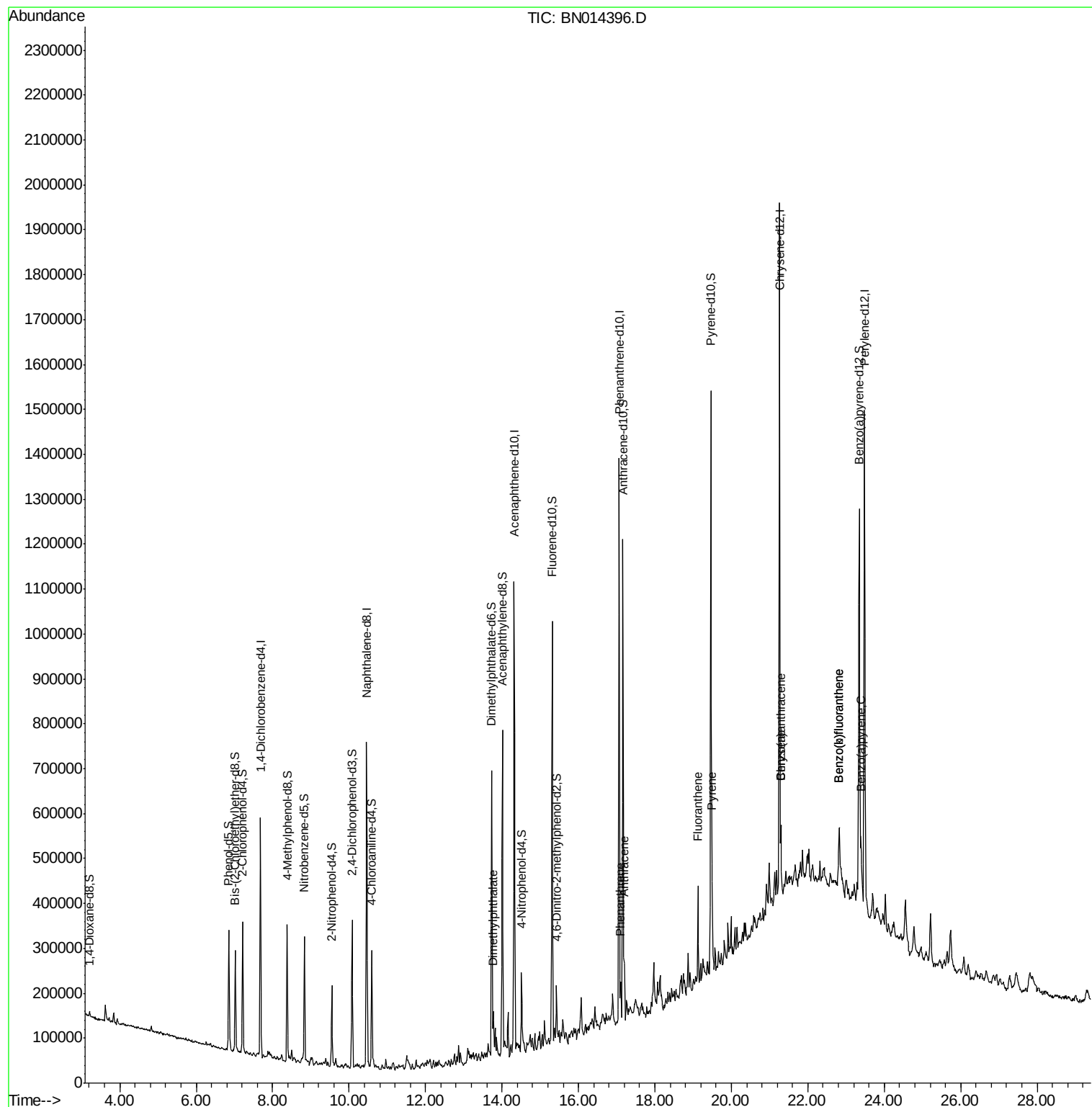
					Ovalue
47) Dimethylphthalate	13.77	163	52024	2.030	ng/ul 98
72) Phenanthrene	17.11	178	44647	1.089	ng/ul 95
74) Anthracene	17.20	178	101997	2.449	ng/ul 98
80) Fluoranthene	19.13	202	116566	2.681	ng/ul 99
82) Pyrene	19.49	202	136719	2.953	ng/ul 99
85) Benzo(a)anthracene	21.30	228	76924	1.679	ng/ul 93
87) Chrysene	21.30	228	77559	1.747	ng/ul 95
90) Benzo(b)fluoranthene	22.82	252	58851	1.222	ng/ul# 78
91) Benzo(k)fluoranthene	22.82	252	58851	1.228	ng/ul# 80
93) Benzo(a)pyrene	23.39	252	50481	1.185	ng/ul# 88

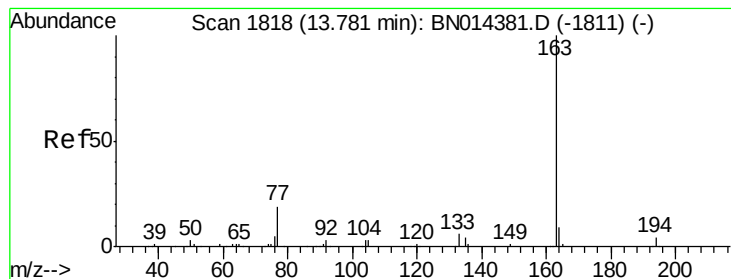
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#47

Dimethylphthalate

Concen: 2.030 ng/ul

RT: 13.77 min Scan# 1817

Delta R.T. -0.01 min

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ClientSampleId :

BG568

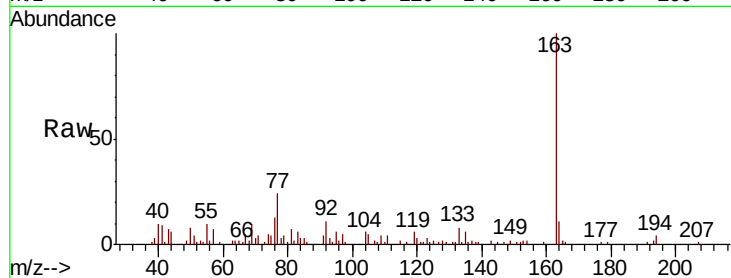
Tot Ion:163 Resp: 52024

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

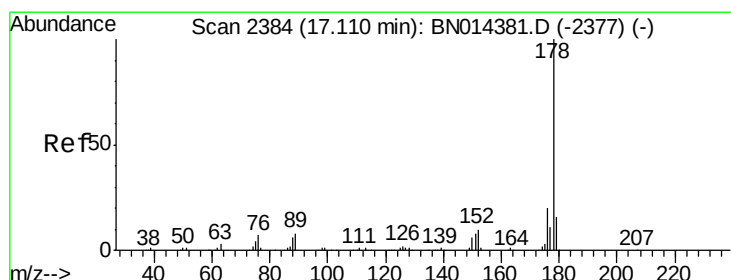
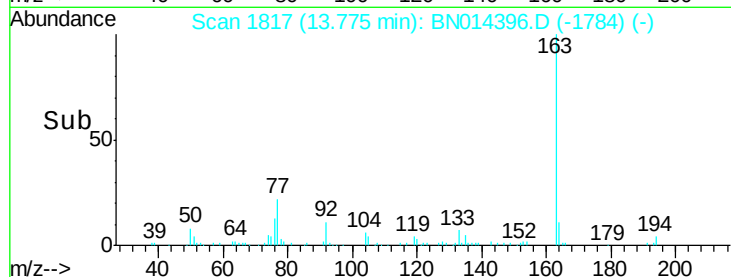
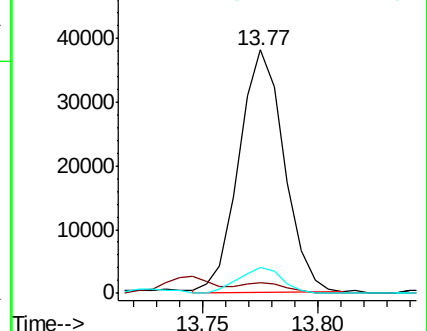
164 10.9 7.8 11.8



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



#72

Phenanthrene

Concen: 1.089 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BN014396.D

Acq: 24 Apr 2021 10:58

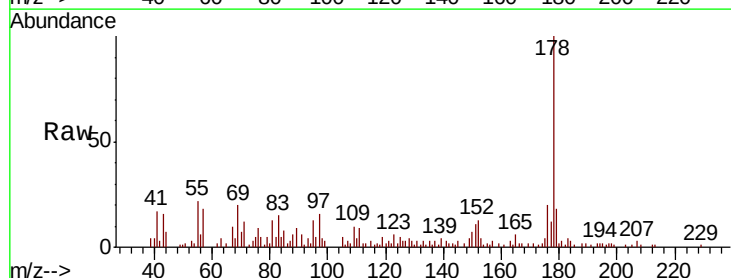
Tgt Ion:178 Resp: 44647

Ion Ratio Lower Upper

178 100

179 18.1 12.2 18.4

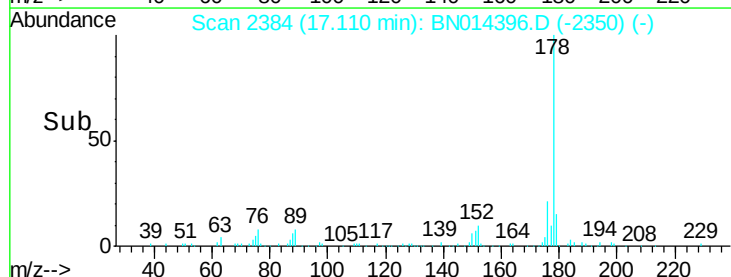
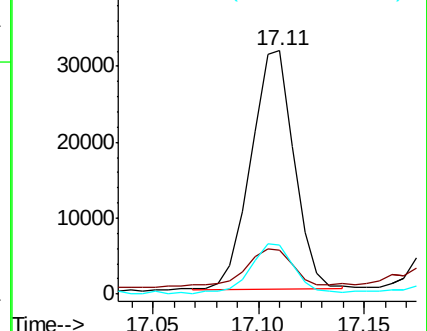
176 20.2 15.0 22.4

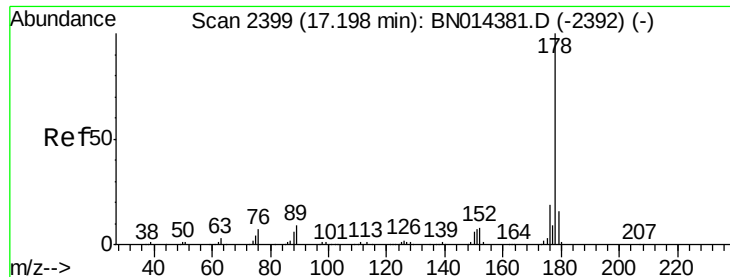


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Anthracene

Concen: 2.449 ng/ul

RT: 17.20 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BN014396.D

Acq: 24 Apr 2021 10:58

Instrument :

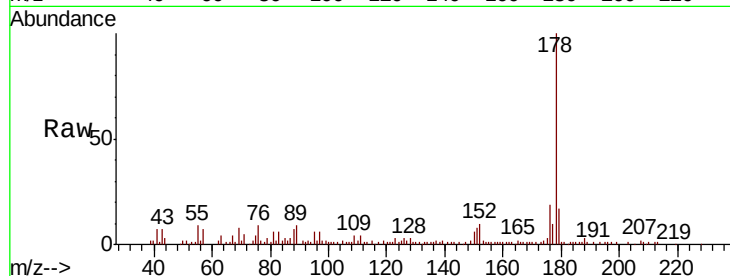
BNA_N

ClientSampled :

BG568

Tot Ion:178 Resp: 101997

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.3	18.5
176	18.7	15.1	22.7

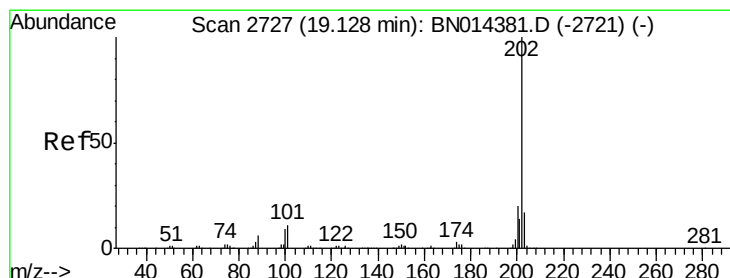
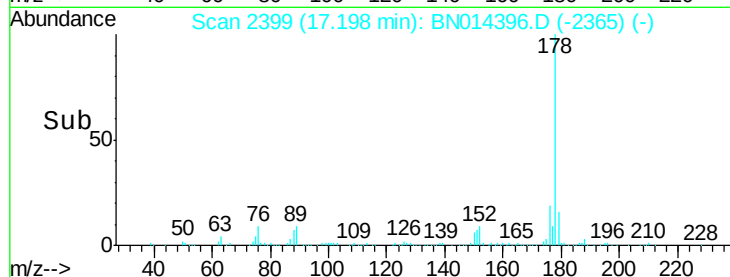
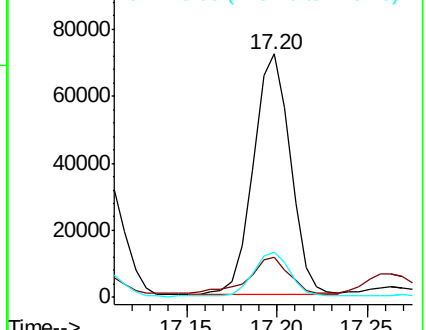


Abundance

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



#80

Fluoranthene

Concen: 2.681 ng/ul

RT: 19.13 min Scan# 2727

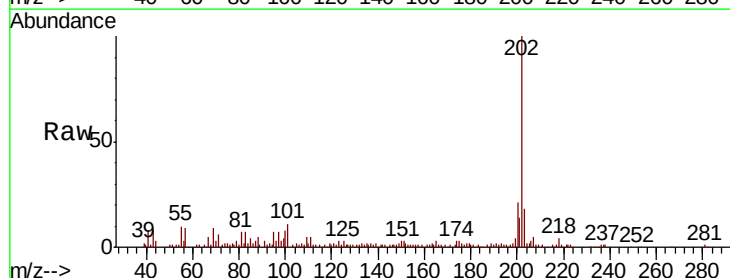
Delta R.T. 0.00 min

Lab File: BN014396.D

Acq: 24 Apr 2021 10:58

Tgt Ion:202 Resp: 116566

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.0	13.6
100	8.0	7.0	10.4

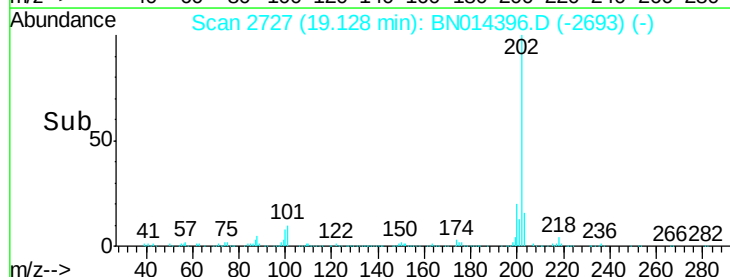
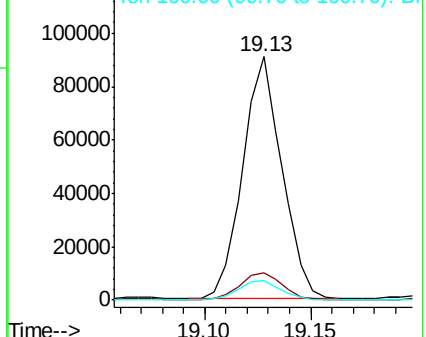


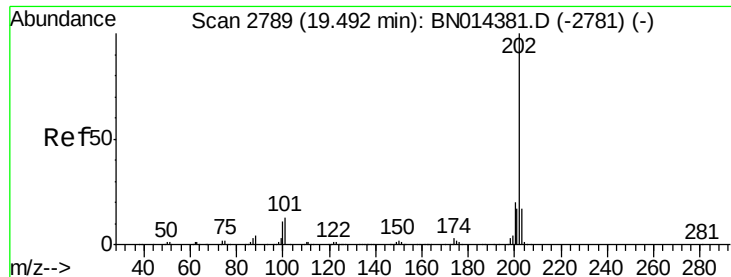
Abundance

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

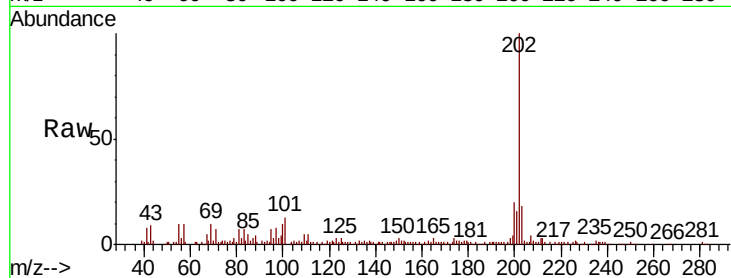




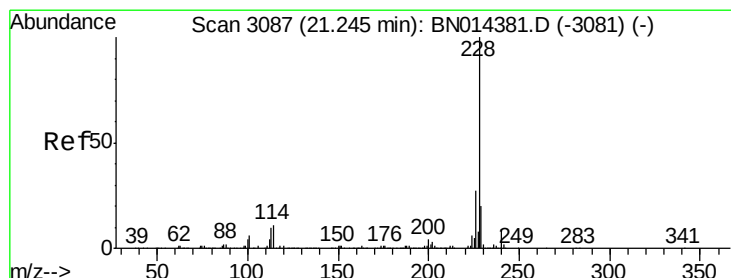
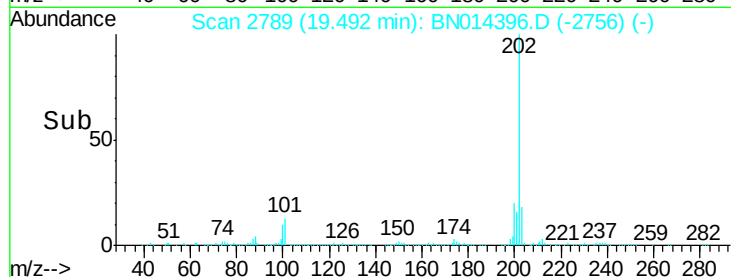
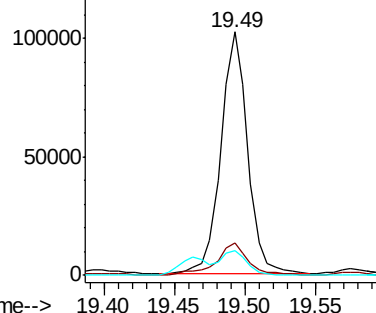
#82
Pvrene
Concen: 2.953 ng/ul
RT: 19.49 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BN014396.D
Acq: 24 Apr 2021 10:58

Instrument :
BNA_N
ClientSampleId :
BG568

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.5	15.7
100	10.3	8.7	13.1

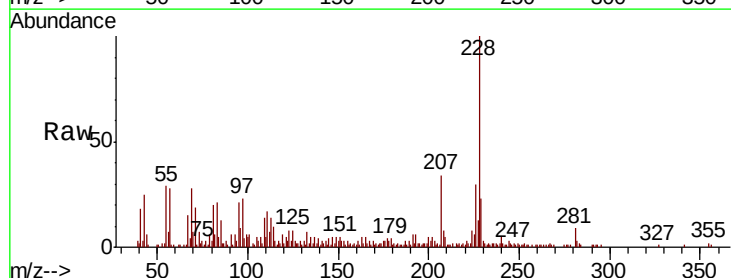


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

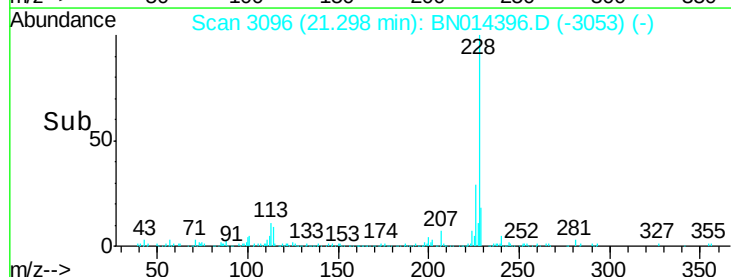
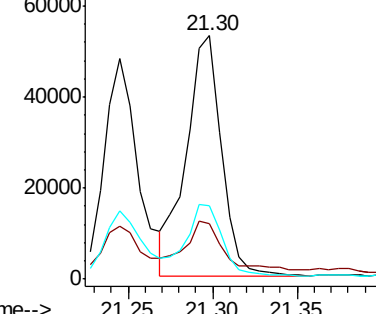


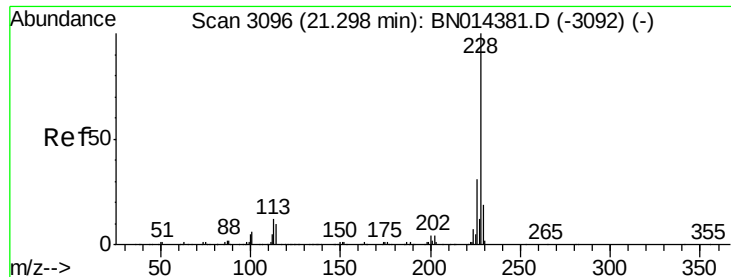
#85
Benzo(a)anthracene
Concen: 1.679 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. 0.05 min
Lab File: BN014396.D
Acq: 24 Apr 2021 10:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.4	23.2
226	30.2	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

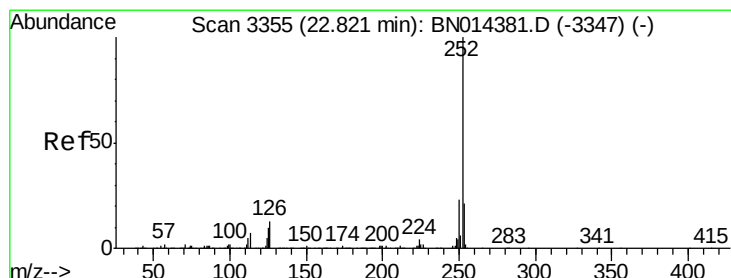
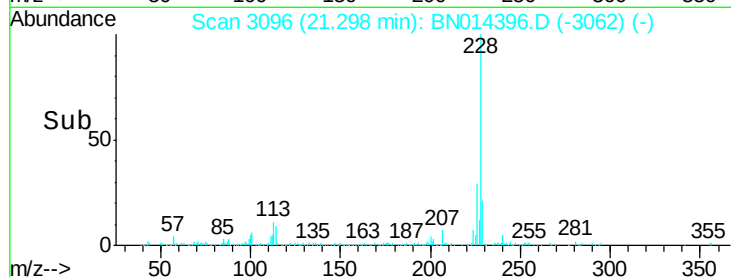
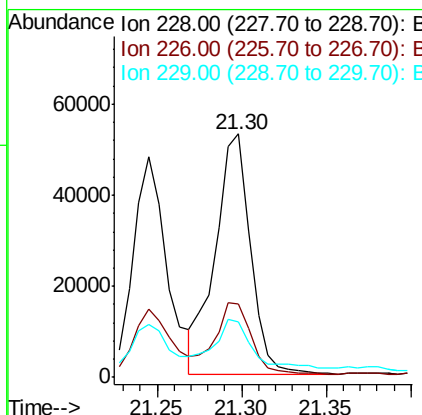
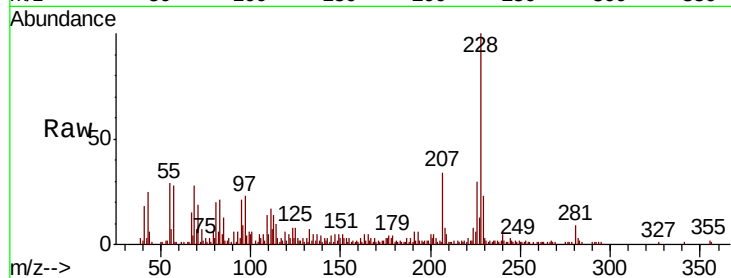




#87
Chrysene
Concen: 1.747 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BN014396.D
Acq: 24 Apr 2021 10:58

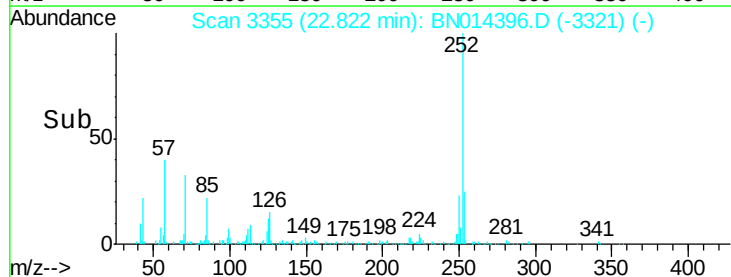
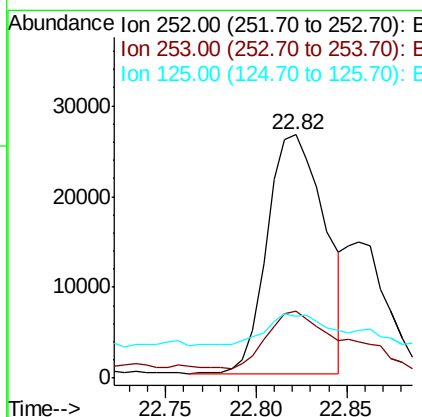
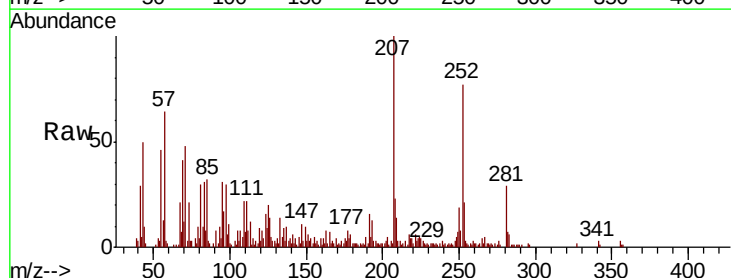
Instrument :
BNA_N
ClientSampleId :
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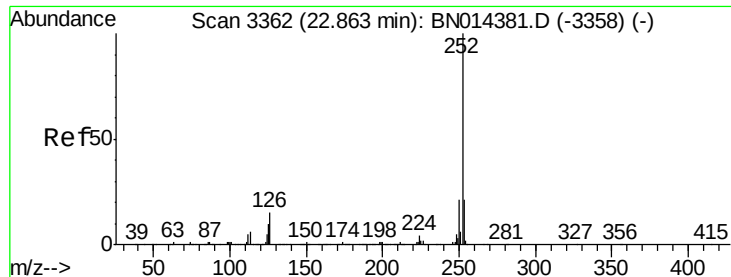
Tot Ion:228 Resp: 77559
Ion Ratio Lower Upper
228 100
226 30.2 26.0 39.0
229 23.0 16.4 24.6



#90
Benzo(b)fluoranthene
Concen: 1.222 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BN014396.D
Acq: 24 Apr 2021 10:58

Tgt Ion:252 Resp: 58851
Ion Ratio Lower Upper
252 100
253 27.5 17.3 25.9#
125 25.5 8.1 12.1#





#91

Benzo(k)fluoranthene

Concen: 1.228 ng/ul

RT: 22.82 min Scan# 3355

Delta R.T. -0.04 min

Lab File: BN014396.D

Acq: 24 Apr 2021 10:58

Instrument :

BNA_N

ClientSampleId :

BG568

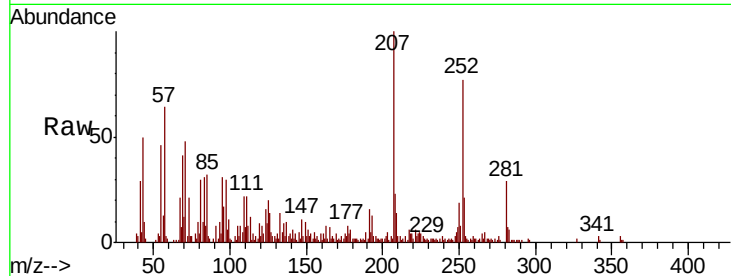
Tot Ion:252 Resp: 58851

Ion Ratio Lower Upper

252 100

253 27.5 17.8 26.8#

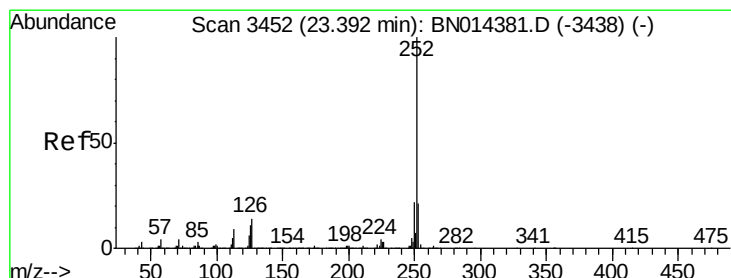
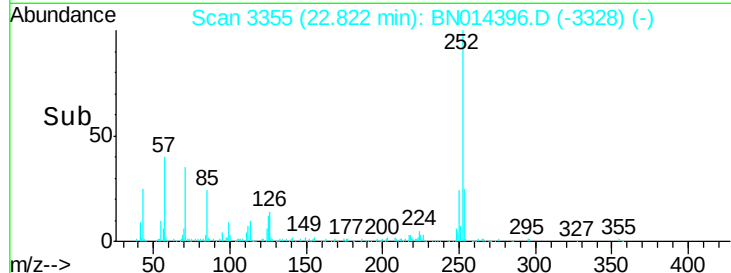
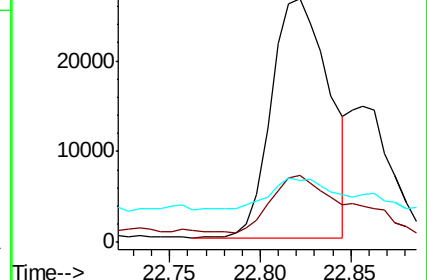
125 25.5 8.2 12.4#



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: 1.185 ng/ul

RT: 23.39 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BN014396.D

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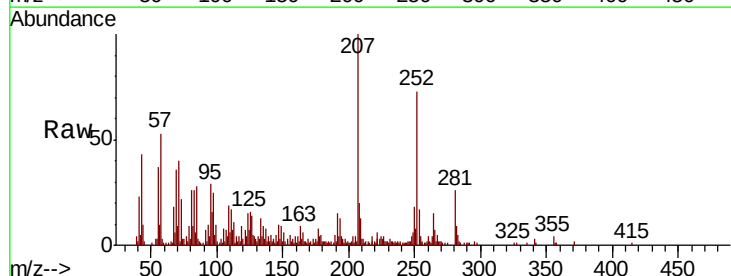
Tgt Ion:252 Resp: 50481

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

125 22.1 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

