

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042421\
 Data File : BN014418.D
 Acq On : 25 Apr 2021 00:36
 Operator : CG/JU
 Sample : M2065-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG561

Quant Time: Apr 26 01:53:08 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	109182	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	453151	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	255360	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	560300	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	623216	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	587229	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	4595	1.60	ng/uL	0.00
4) Pyridine-d5	3.59	84	283	0.04	ng/ul	-0.02
7) Phenol-d5	6.85	99	89567	9.81	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	63674	11.65	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	78204	10.89	ng/ul	0.00
15) 4-Methylphenol-d8	8.38	113	73923	10.68	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	43028	13.14	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	28443	8.87	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	65990	9.55	ng/ul	0.00
31) 4-Chloroaniline-d4	10.59	131	70872	6.92	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	239703	12.96	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	310154	13.94	ng/ul	0.00
54) 4-Nitrophenol-d4	14.51	143	9086	2.53	ng/ul	0.00
60) Fluorene-d10	15.32	176	218103	13.34	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	2939	0.98	ng/ul	0.00
73) Anthracene-d10	17.16	188	328482	12.56	ng/ul	0.00
81) Pyrene-d10	19.46	212	359974	11.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.34	264	374356	12.02	ng/ul	0.00

Target Compounds

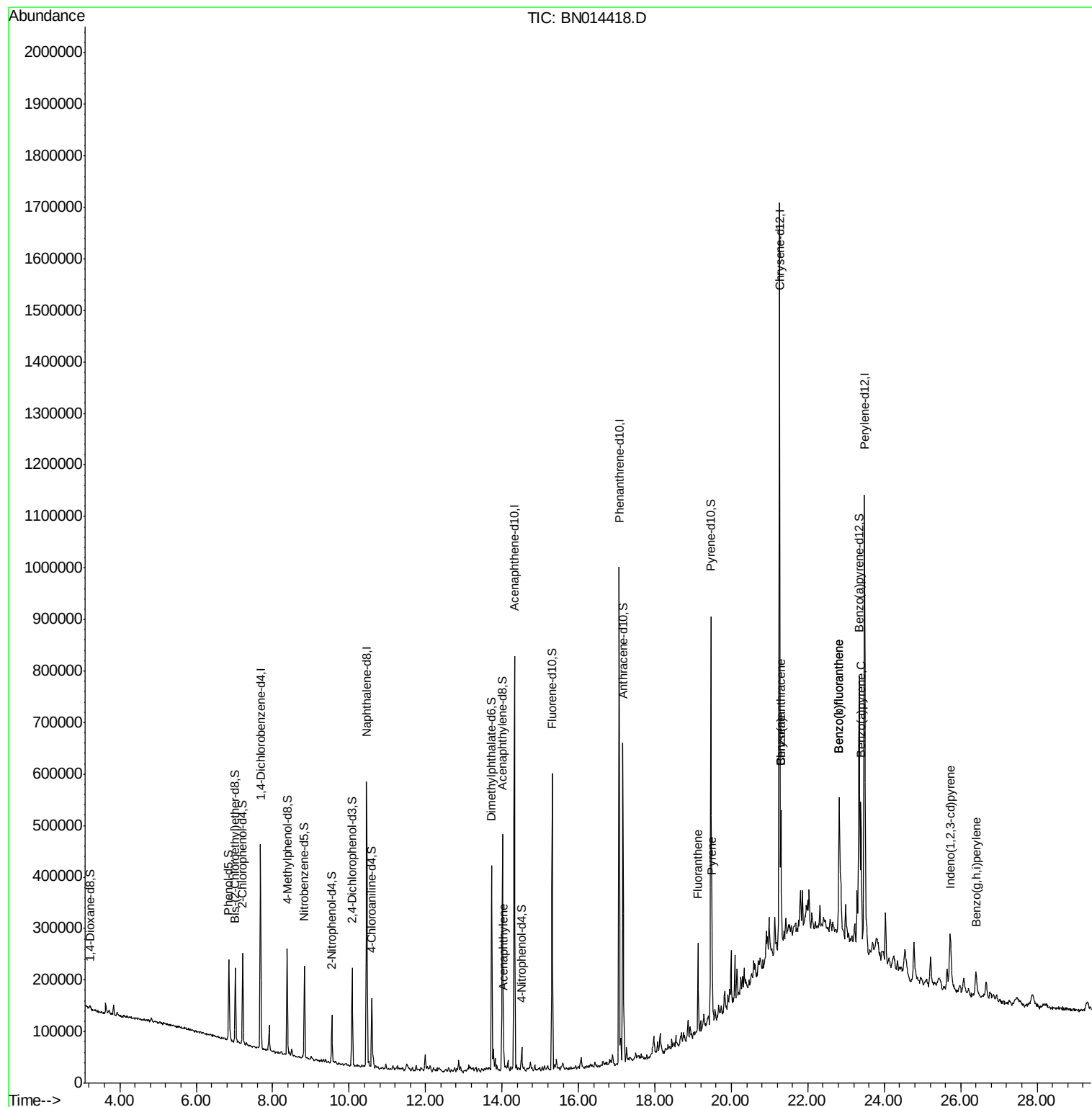
					Ovalue	
50) Acenaphthylene	14.04	152	37447	1.581	ng/ul	97
80) Fluoranthene	19.13	202	90029	2.355	ng/ul	100
82) Pyrene	19.49	202	101262	2.488	ng/ul	99
85) Benzo(a)anthracene	21.30	228	130003	3.228	ng/ul	96
87) Chrysene	21.30	228	131072	3.358	ng/ul	96
90) Benzo(b)fluoranthene	22.82	252	154513	3.933	ng/ul#	95
91) Benzo(k)fluoranthene	22.82	252	154513	3.951	ng/ul#	95
93) Benzo(a)pyrene	23.39	252	129181	3.717	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	25.72	276	72261	1.569	ng/ul	97
96) Benzo(g,h,i)perylene	26.40	276	50821	1.365	ng/ul	98

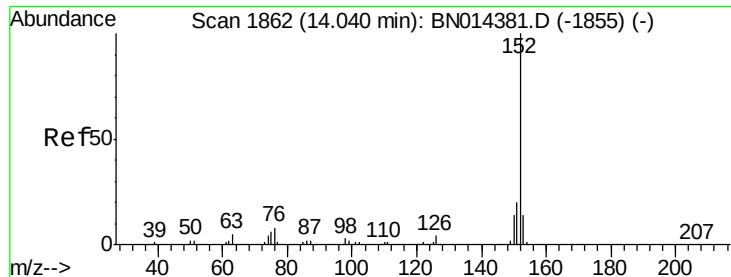
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#50

Acenaphthylene

Concen: 1.581 ng/ul

RT: 14.04 min Scan# 1862

Delta R.T. 0.00 min

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ClientSampleId :

BG561

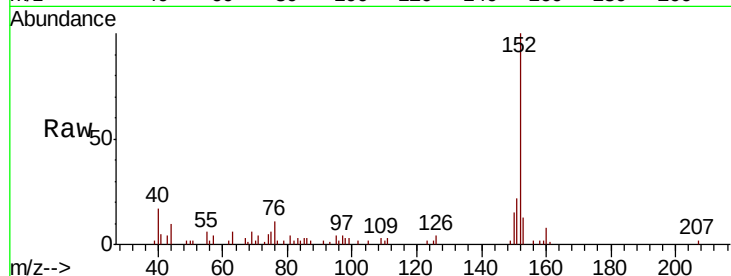
Tot Ion:152 Resp: 37447

Ion Ratio Lower Upper

152 100

151 22.0 15.5 23.3

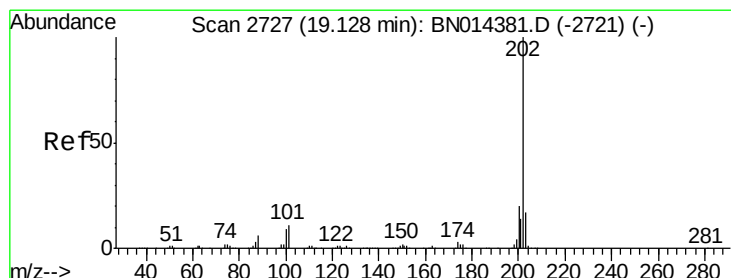
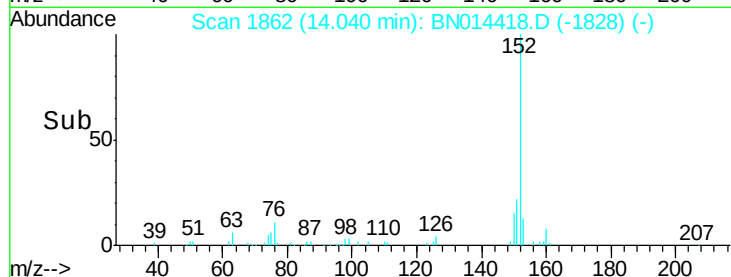
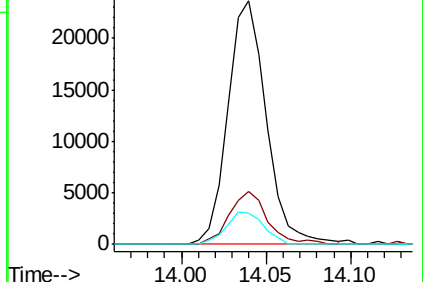
153 13.0 10.5 15.7



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



#80

Fluoranthene

Concen: 2.355 ng/ul

RT: 19.13 min Scan# 2727

Delta R.T. 0.00 min

Lab File: BN014418.D

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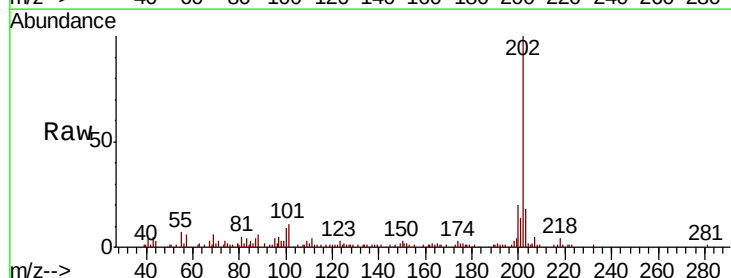
Tgt Ion:202 Resp: 90029

Ion Ratio Lower Upper

202 100

101 11.5 9.0 13.6

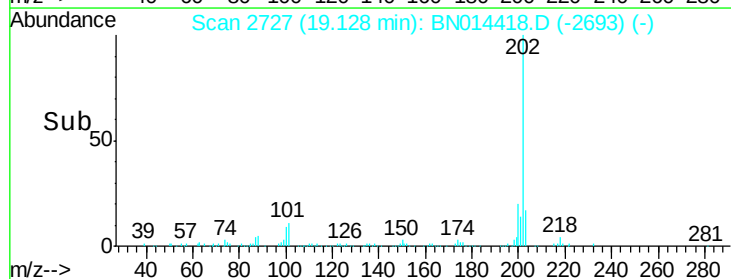
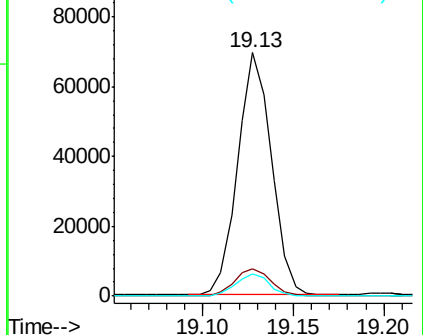
100 8.9 7.0 10.4

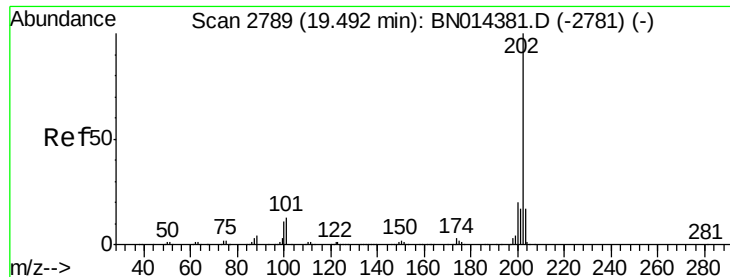


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Pvrene

Concen: 2.488 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BN014418.D

Acq: 25 Apr 2021 00:36

Instrument :

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ClientSampleId :

BG561

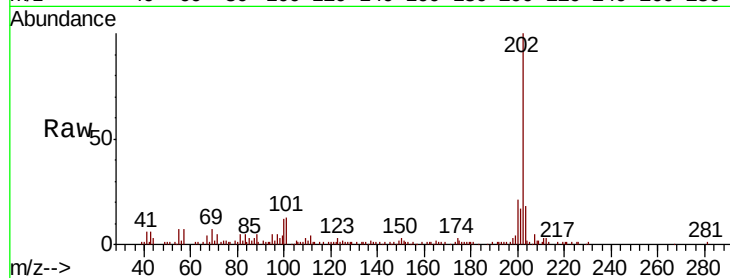
Tot Ion:202 Resp: 101262

Ion Ratio Lower Upper

202 100

101 13.1 10.5 15.7

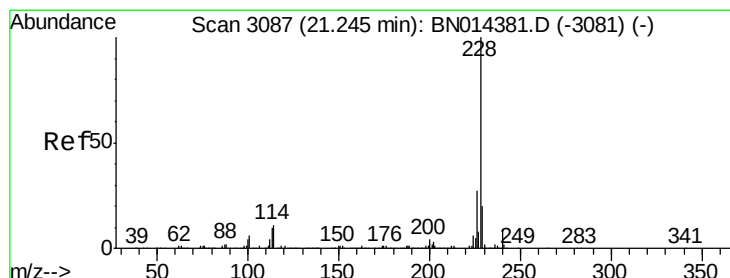
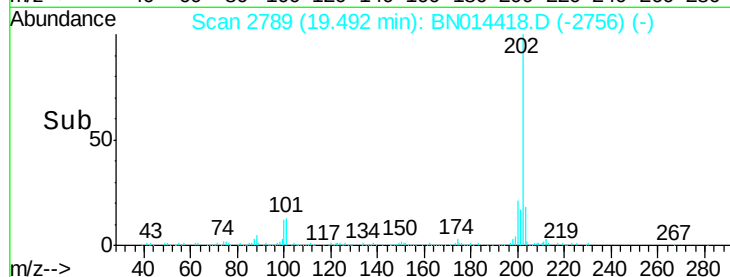
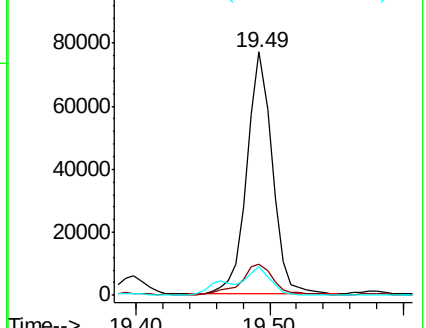
100 12.0 8.7 13.1



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): B



#85

Benzo(a)anthracene

Concen: 3.228 ng/ul

RT: 21.30 min Scan# 3096

Delta R.T. 0.05 min

Lab File: BN014418.D

Acq: 25 Apr 2021 00:36

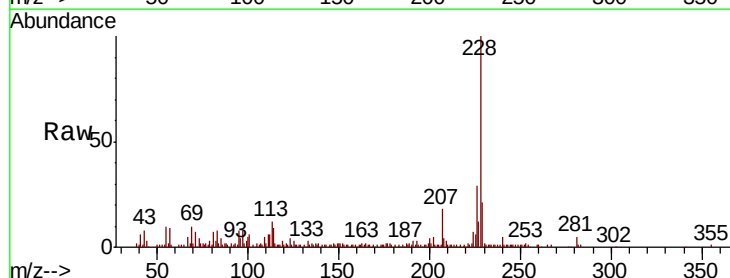
Tgt Ion:228 Resp: 130003

Ion Ratio Lower Upper

228 100

229 21.1 15.4 23.2

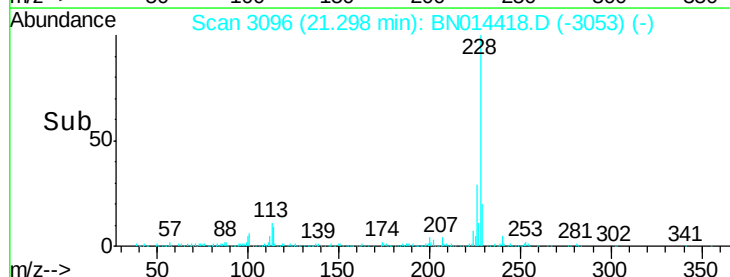
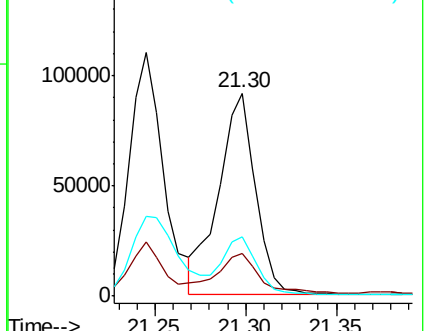
226 29.1 21.8 32.8

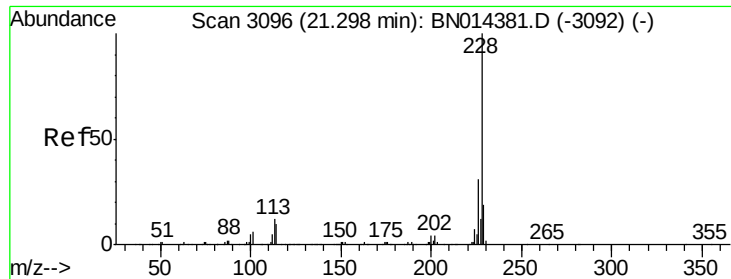


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

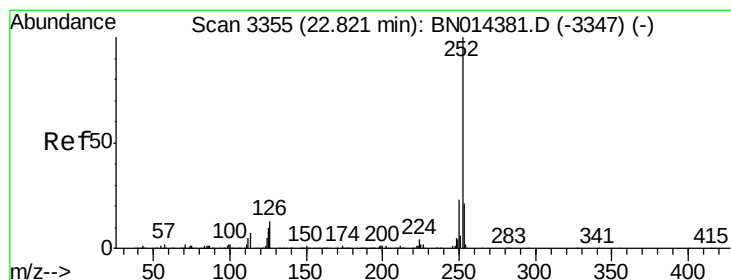
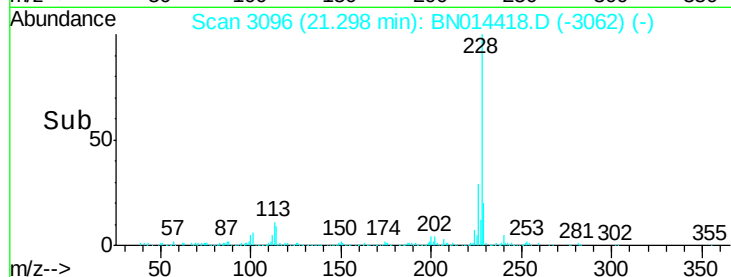
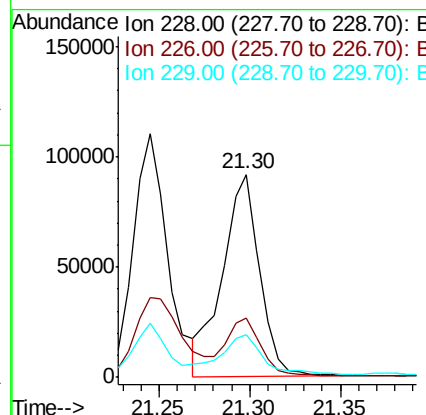
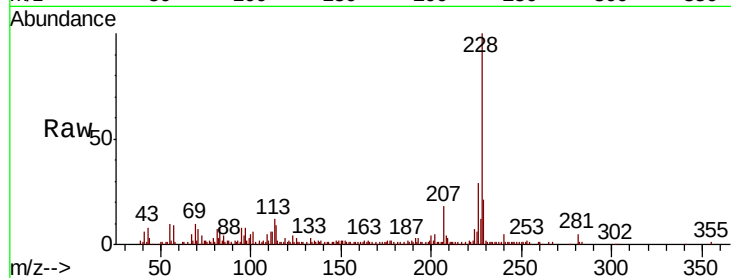




#87
 Chrysene
 Concen: 3.358 ng/ul
 RT: 21.30 min Scan# 3096
 Delta R.T. 0.00 min
 Lab File: BN014418.D
 Acq: 25 Apr 2021 00:36

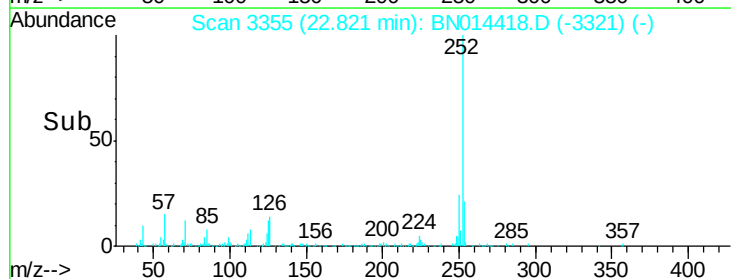
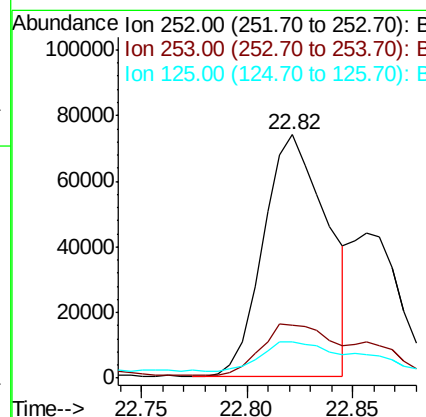
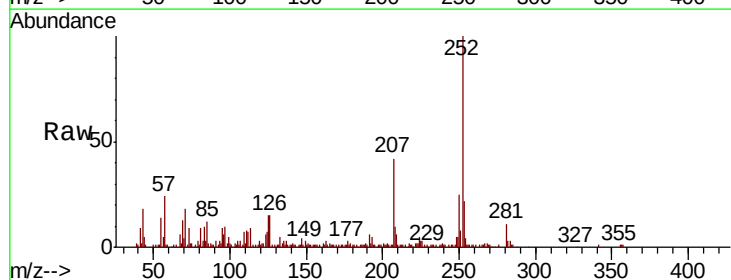
Instrument :
 BNA_N
 ClientSampled :
 BG561

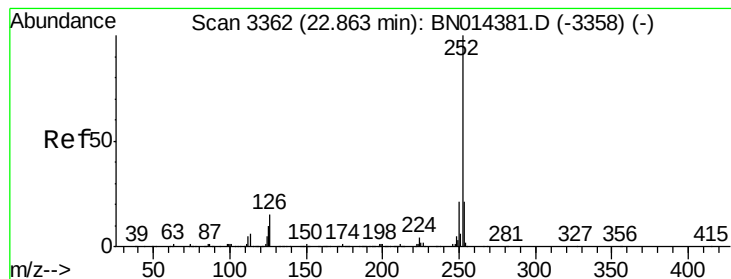
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	26.0	39.0
229	21.1	16.4	24.6



#90
 Benzo(b)fluoranthene
 Concen: 3.933 ng/ul
 RT: 22.82 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: BN014418.D
 Acq: 25 Apr 2021 00:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	15.1	8.1	12.1#





#91

Benzo(k)fluoranthene

Concen: 3.951 ng/ul

RT: 22.82 min Scan# 3355

Delta R.T. -0.04 min

Lab File: BN014418.D

Acq: 25 Apr 2021 00:36

Instrument :

BNA_N

ClientSampled :

BG561

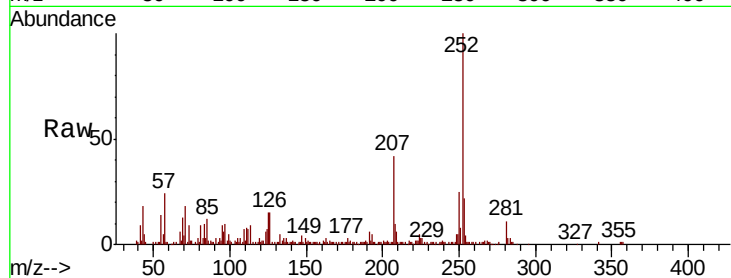
Tot Ion:252 Resp: 154513

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

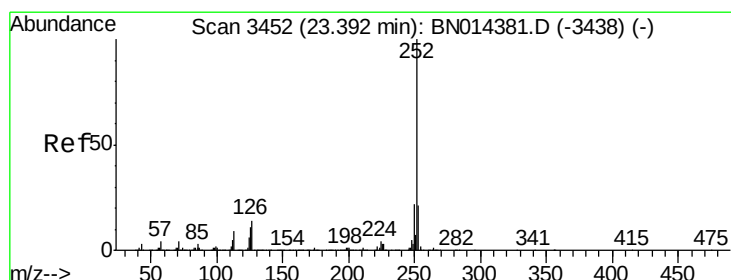
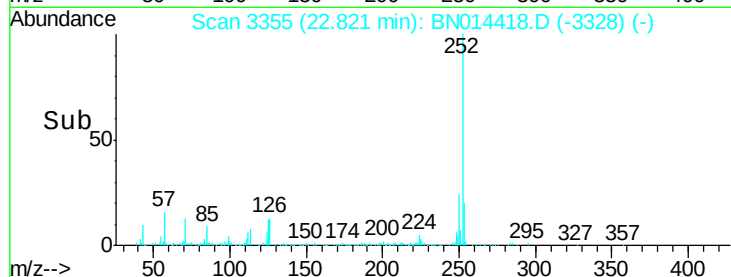
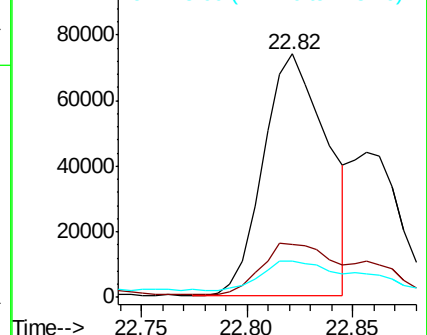
125 15.1 8.2 12.4#



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: 3.717 ng/ul

RT: 23.39 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BN014418.D

Acq: 25 Apr 2021 00:36

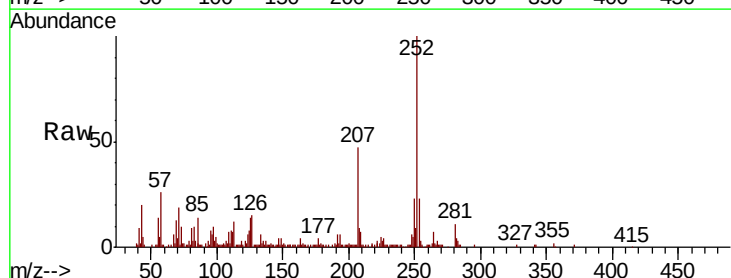
Tgt Ion:252 Resp: 129181

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

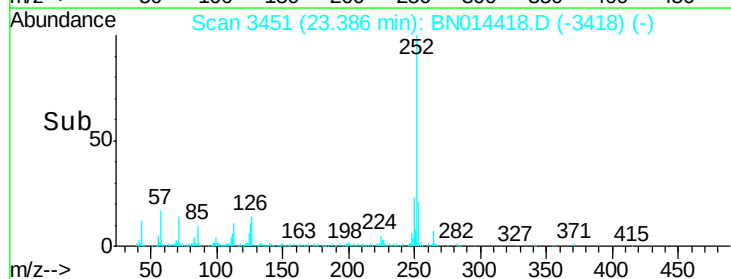
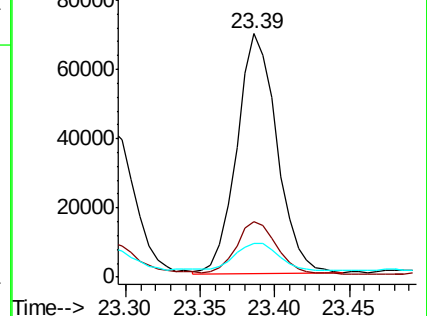
125 14.1 9.3 13.9#

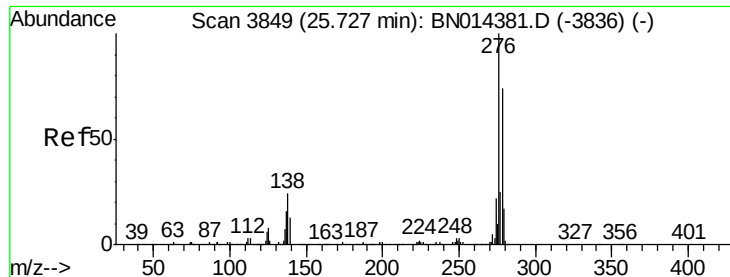


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

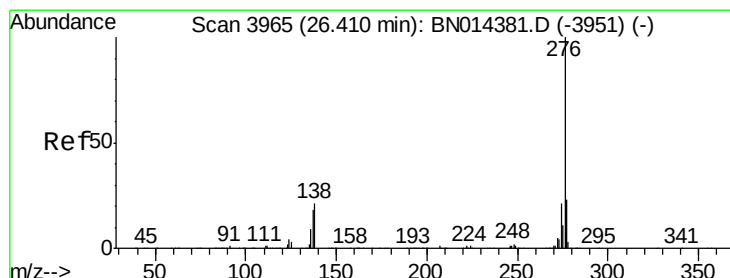
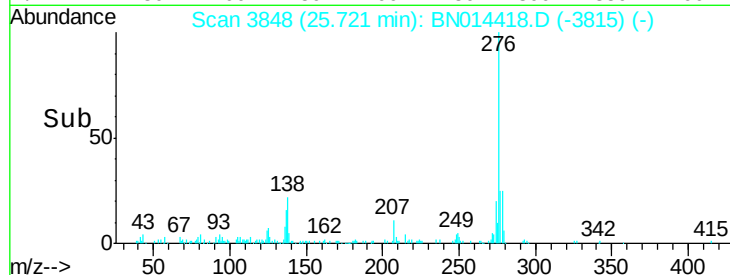
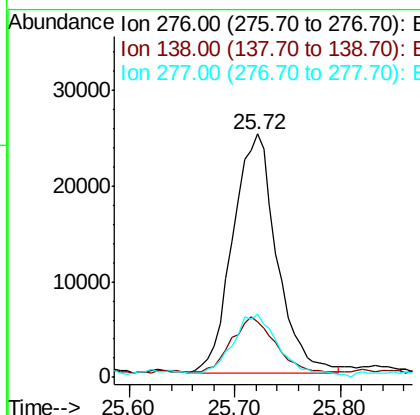
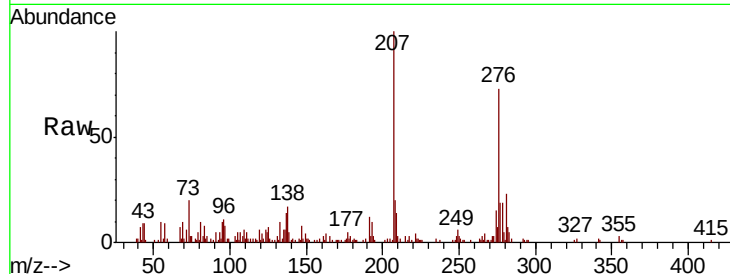




#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.569 ng/ul
 RT: 25.72 min Scan# 3848
 Delta R.T. -0.01 min
 Lab File: BN014418.D
 Acq: 25 Apr 2021 00:36

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Tot Ion:276 Resp: 72261
 Ion Ratio Lower Upper
 276 100
 138 22.8 19.0 28.4
 277 25.7 19.3 28.9



#96
 Benzo(g,h,i)perylene
 Concen: 1.365 ng/ul
 RT: 26.40 min Scan# 3964
 Delta R.T. -0.01 min
 Lab File: BN014418.D
 Acq: 25 Apr 2021 00:36

Tgt Ion:276 Resp: 50821
 Ion Ratio Lower Upper
 276 100
 138 23.2 17.0 25.6
 277 24.9 19.7 29.5

