

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041620\
 Data File : BN010517.D
 Acq On : 16 Apr 2020 15:25
 Operator : CG/JU
 Sample : L2191-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB796

Quant Time: Apr 16 16:15:21 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	356726	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1547748	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1009079	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	2328439	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	2449207	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2208489	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	45537	6.68	ng/uL	0.00
5) Phenol-d5	6.78	99	970490	34.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	525758	36.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	813735	33.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	815861	34.35	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	417841	35.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	450506	33.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	879397	33.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	865599	28.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	2811614	37.55	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	3437787	37.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	455364	31.24	ng/ul	0.00
58) Fluorene-d10	15.22	176	2582336	38.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	346843	28.52	ng/ul	0.00
71) Anthracene-d10	17.07	188	4089959	37.92	ng/ul	0.00
79) Pyrene-d10	19.37	212	4928996	35.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	4436183	38.73	ng/ul	0.00

Target Compounds

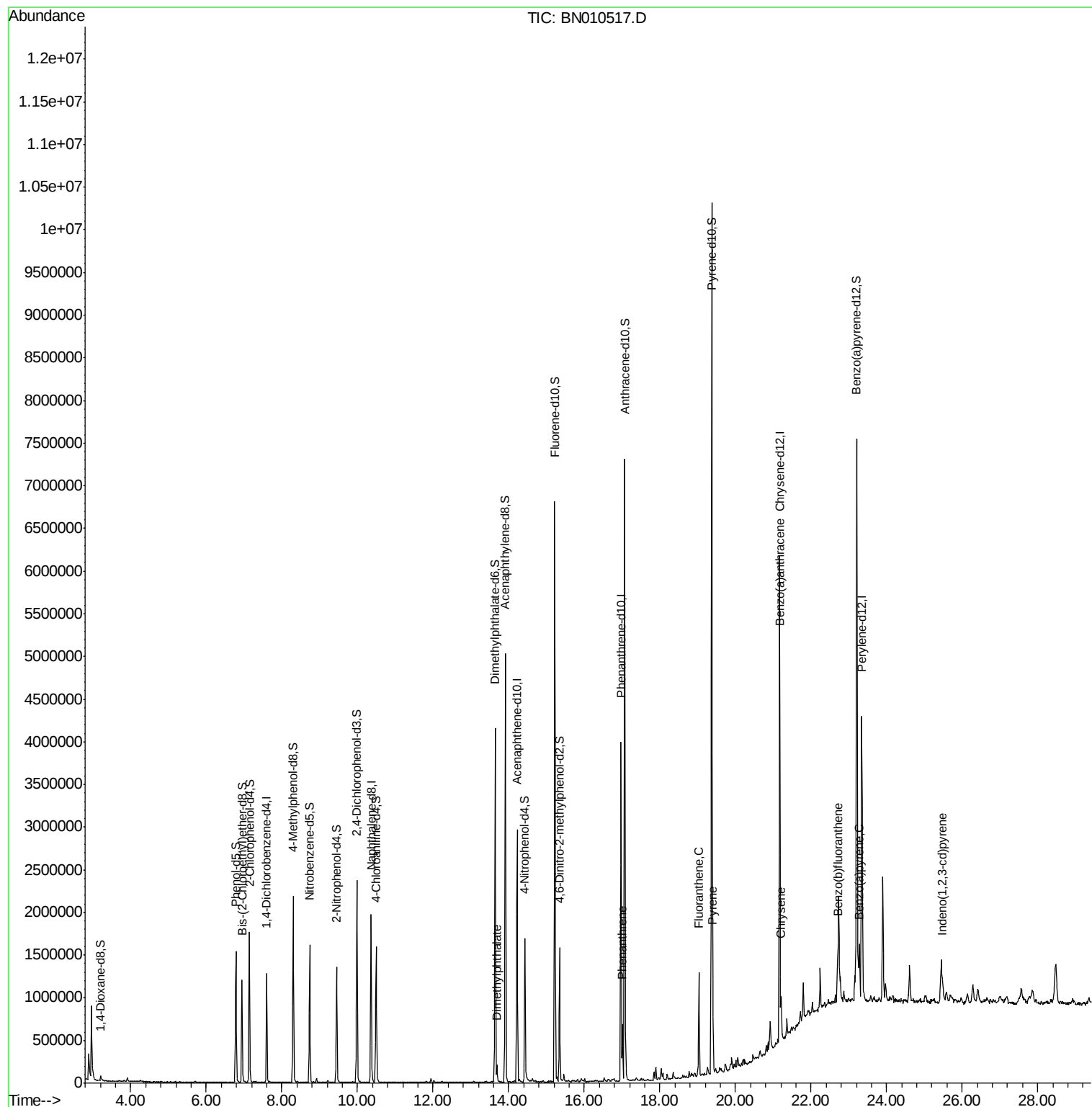
					Ovalue	
45) Dimethylphthalate	13.69	163	124574	1.603	ng/ul#	99
70) Phenanthrene	17.01	178	397063	3.071	ng/ul	97
77) Fluoranthene	19.04	202	733252	5.219	ng/ul	99
80) Pyrene	19.40	202	630652	3.564	ng/ul	99
83) Benzo(a)anthracene	21.16	228	358778	2.112	ng/ul	98
85) Chrysene	21.21	228	364428	2.281	ng/ul	95
88) Benzo(b)fluoranthene	22.70	252	474211	3.291	ng/ul#	94
91) Benzo(a)pyrene	23.26	252	229553	1.793	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.49	276	155410	1.078	ng/ul	94

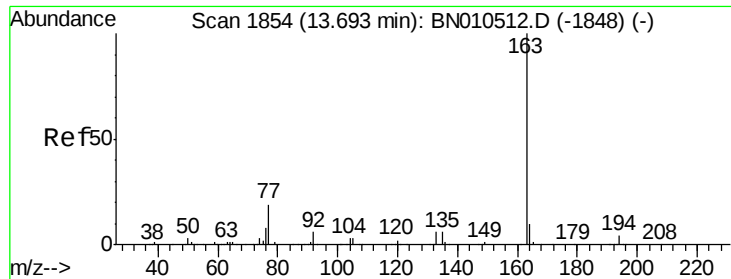
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 1.603 ng/ul

RT: 13.69 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BN010517.D

Acq: 16 Apr 2020 15:25

Instrument :

BNA_N

ClientSampleId :

CB796

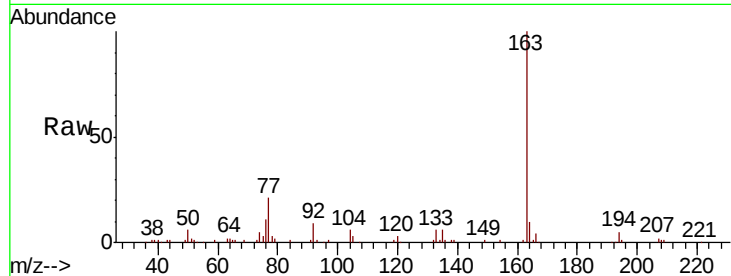
Tot Ion:163 Resp: 124574

Ion Ratio Lower Upper

163 100

194 5.2 3.3 4.9#

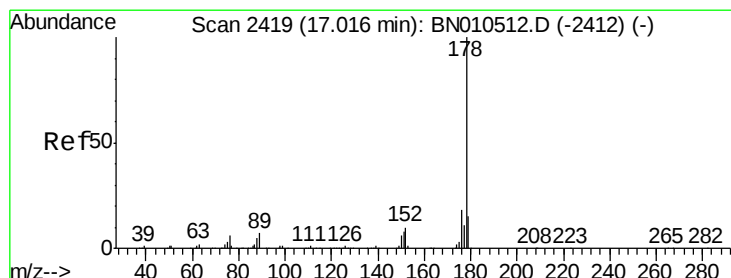
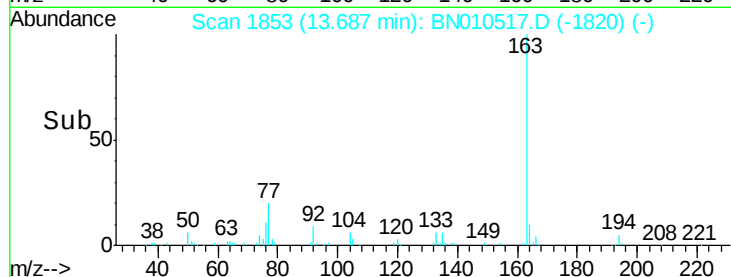
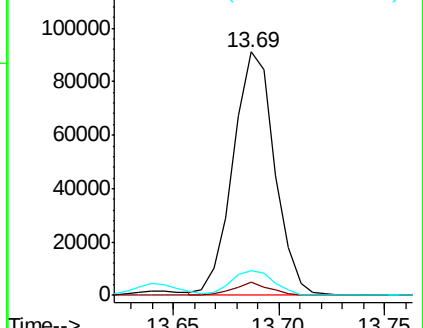
164 9.9 8.0 12.0



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: 3.071 ng/ul

RT: 17.01 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BN010517.D

Acq: 16 Apr 2020 15:25

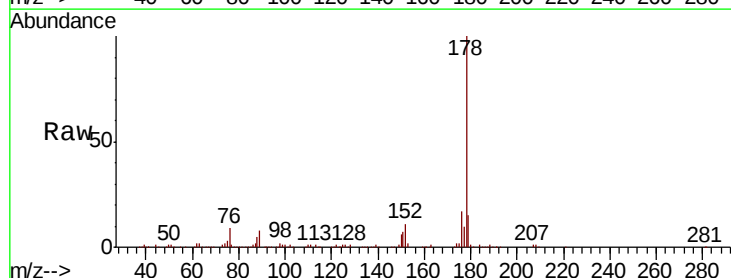
Tgt Ion:178 Resp: 397063

Ion Ratio Lower Upper

178 100

179 15.0 11.4 17.2

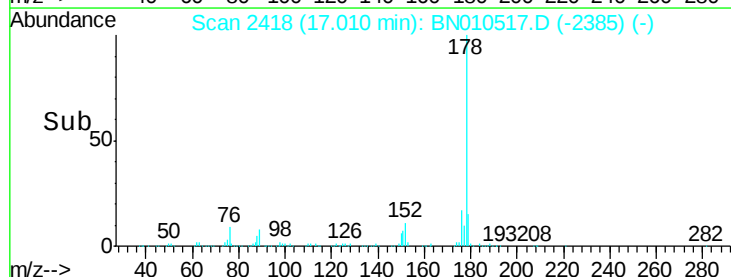
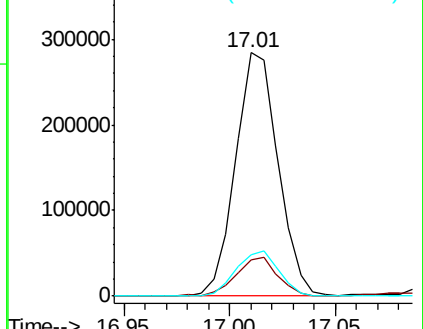
176 17.2 15.3 22.9

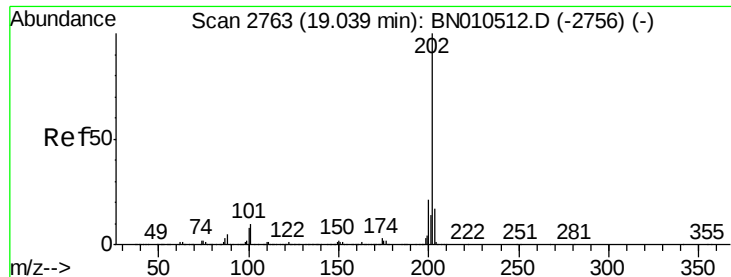


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 5.219 ng/ul

RT: 19.04 min Scan# 2763

Delta R.T. 0.00 min

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Instrument :

BNA_N

ClientSampleId :

CB796

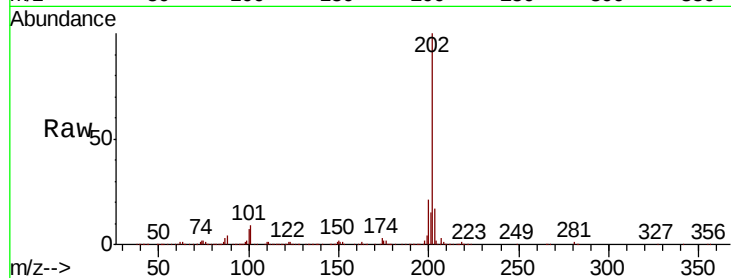
Tot Ion:202 Resp: 733252

Ion Ratio Lower Upper

202 100

101 8.9 7.1 10.7

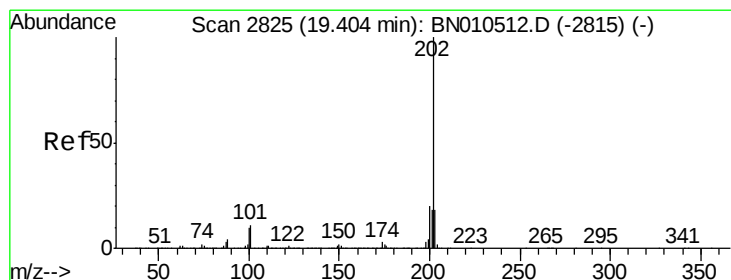
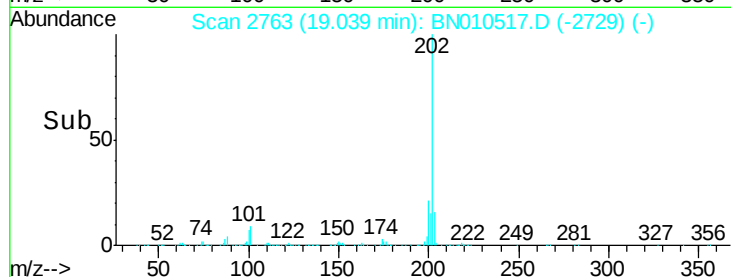
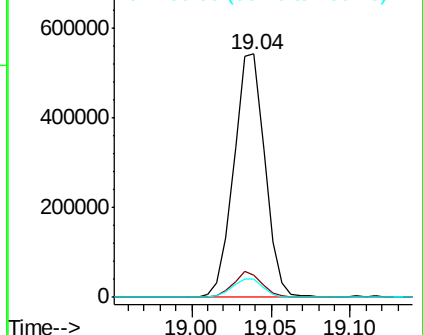
100 7.3 5.5 8.3



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: 3.564 ng/ul

RT: 19.40 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BN010517.D

Acq: 16 Apr 2020 15:25

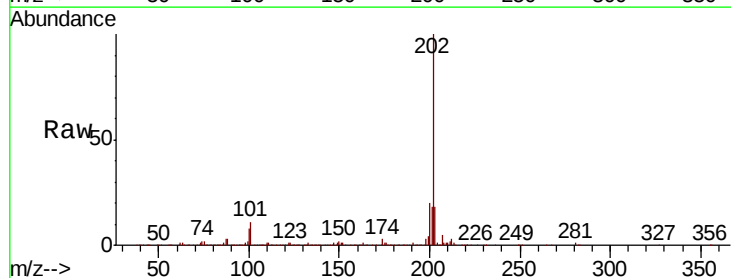
Tgt Ion:202 Resp: 630652

Ion Ratio Lower Upper

202 100

101 11.0 8.6 13.0

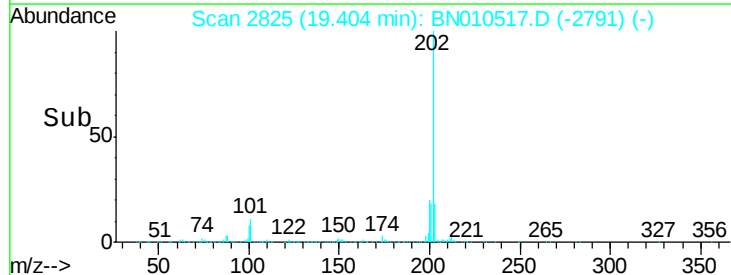
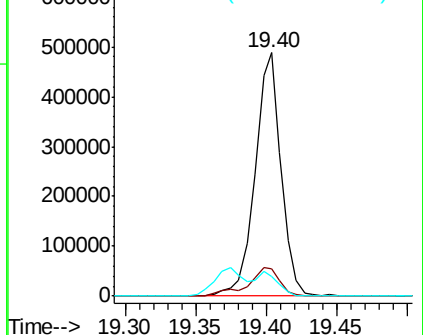
100 7.9 7.0 10.6

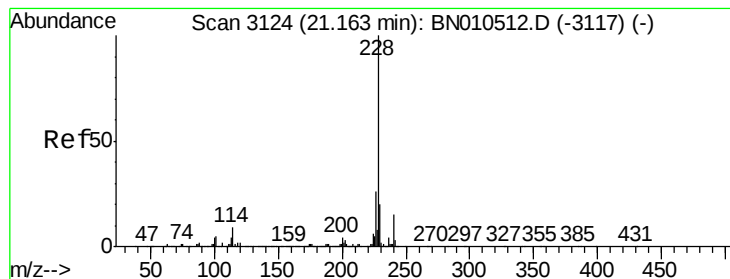


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 2.112 ng/ul

RT: 21.16 min Scan# 3124

Delta R.T. 0.00 min

Lab File: BN010517.D

Acq: 16 Apr 2020 15:25

Instrument :

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ClientSampleId :

CB796

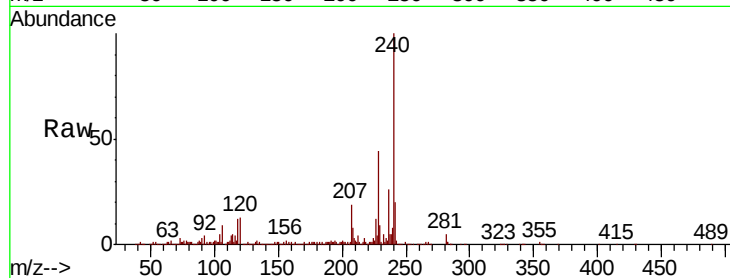
Tot Ion:228 Resp: 358778

Ion Ratio Lower Upper

228 100

229 20.3 16.0 24.0

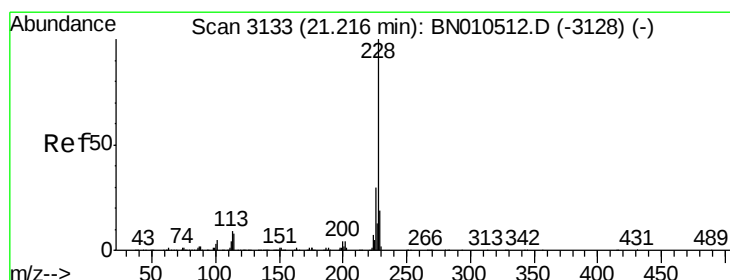
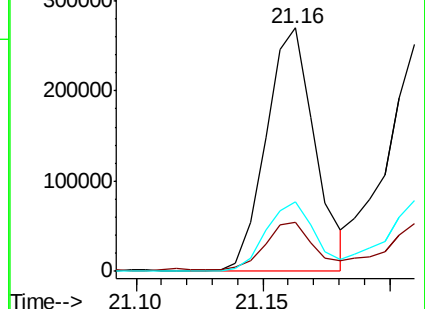
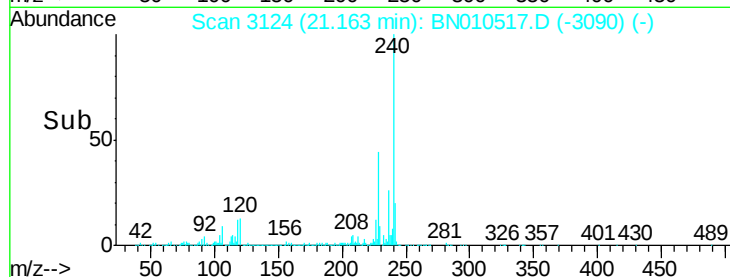
226 28.4 21.4 32.2



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: 2.281 ng/ul

RT: 21.21 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BN010517.D

Acq: 16 Apr 2020 15:25

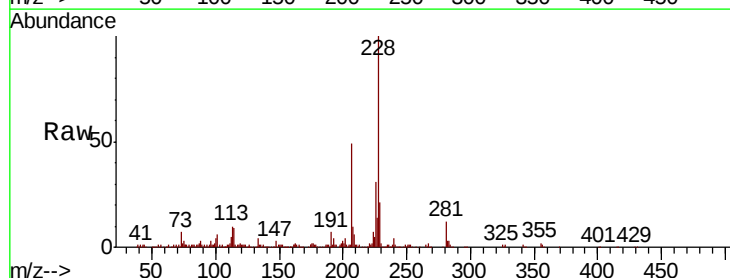
Tgt Ion:228 Resp: 364428

Ion Ratio Lower Upper

228 100

226 31.2 23.0 34.6

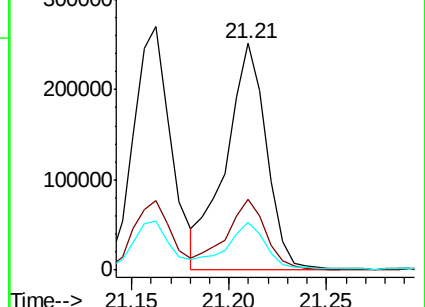
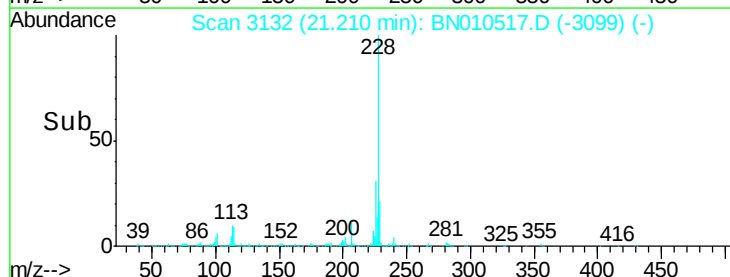
229 20.9 15.0 22.4

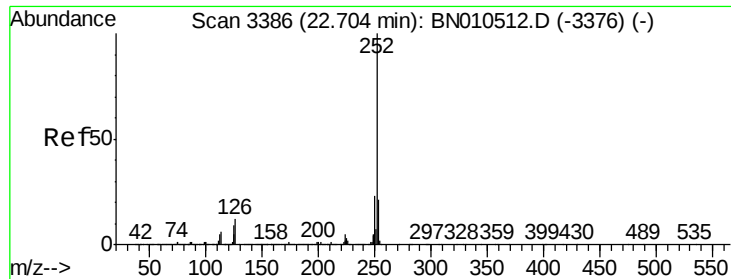


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 3.291 ng/ul

RT: 22.70 min Scan# 3386

Delta R.T. 0.00 min

Lab File: BN010517.D

Acq: 16 Apr 2020 15:25

Instrument :

BNA_N

ClientSampled :

CB796

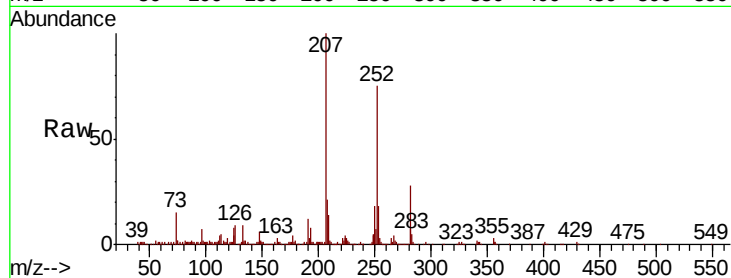
Tot Ion:252 Resp: 474211

Ion Ratio Lower Upper

252 100

253 23.9 16.7 25.1

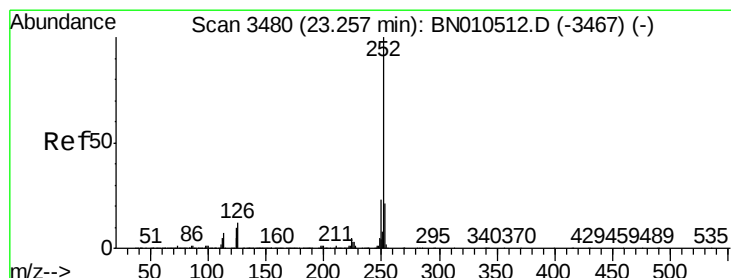
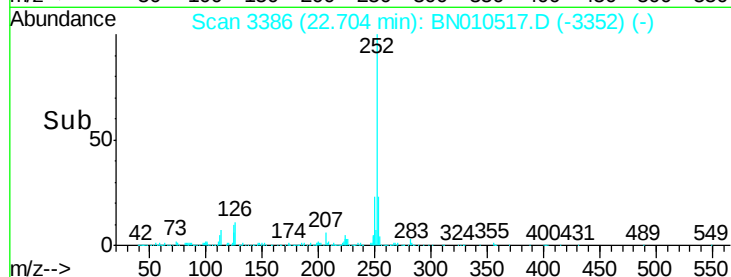
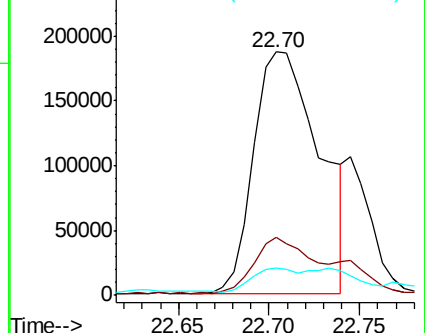
125 11.2 7.2 10.8#



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



#91

Benzo(a)pyrene

Concen: 1.793 ng/ul

RT: 23.26 min Scan# 3480

Delta R.T. 0.00 min

Lab File: BN010517.D

Acq: 16 Apr 2020 15:25

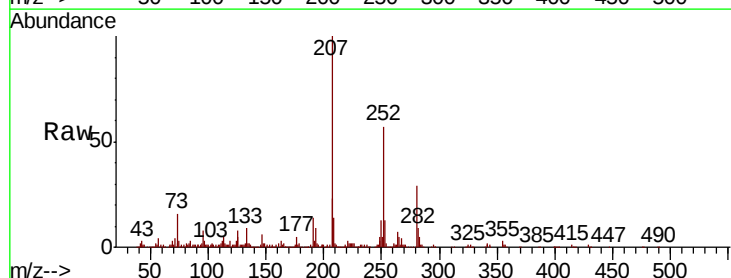
Tgt Ion:252 Resp: 229553

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

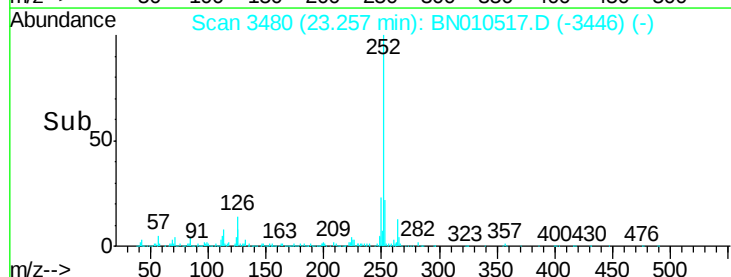
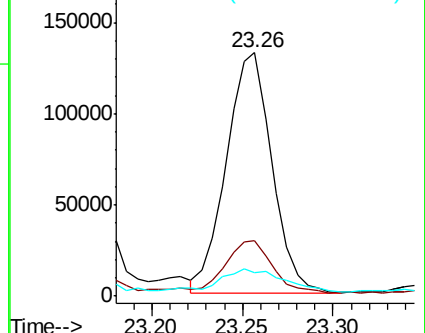
125 9.5 7.8 11.6

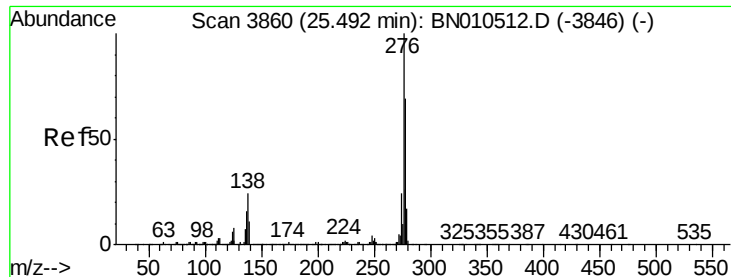


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.078 ng/ul

RT: 25.49 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BN010517.D

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Instrument :

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ClientSampleId :

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Tot Ion:276 Resp: 155410

Ion Ratio Lower Upper

276 100

138 19.6 18.3 27.5

277 22.2 19.8 29.8

