

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
 Data File : BN010533.D
 Acq On : 17 Apr 2020 01:17
 Operator : CG/JU
 Sample : L2191-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB7A7

Quant Time: Apr 17 02:18:36 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	7.59	152	545534	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2334375	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1472206	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	3248388	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	3110130	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2719299	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	69864	6.70	ng/uL	0.00
5) Phenol-d5	6.78	99	1420806	32.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	761433	34.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	1225394	33.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1112605	30.64	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	620247	34.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	706480	35.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1268512	32.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1182111	26.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	3997638	36.60	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	4808643	35.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	676416	31.80	ng/ul	0.00
58) Fluorene-d10	15.22	176	3423167	34.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	554367	32.67	ng/ul	0.00
71) Anthracene-d10	17.07	188	5165504	34.33	ng/ul	0.00
79) Pyrene-d10	19.37	212	6026382	34.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	5095689	36.13	ng/ul	0.00

Target Compounds

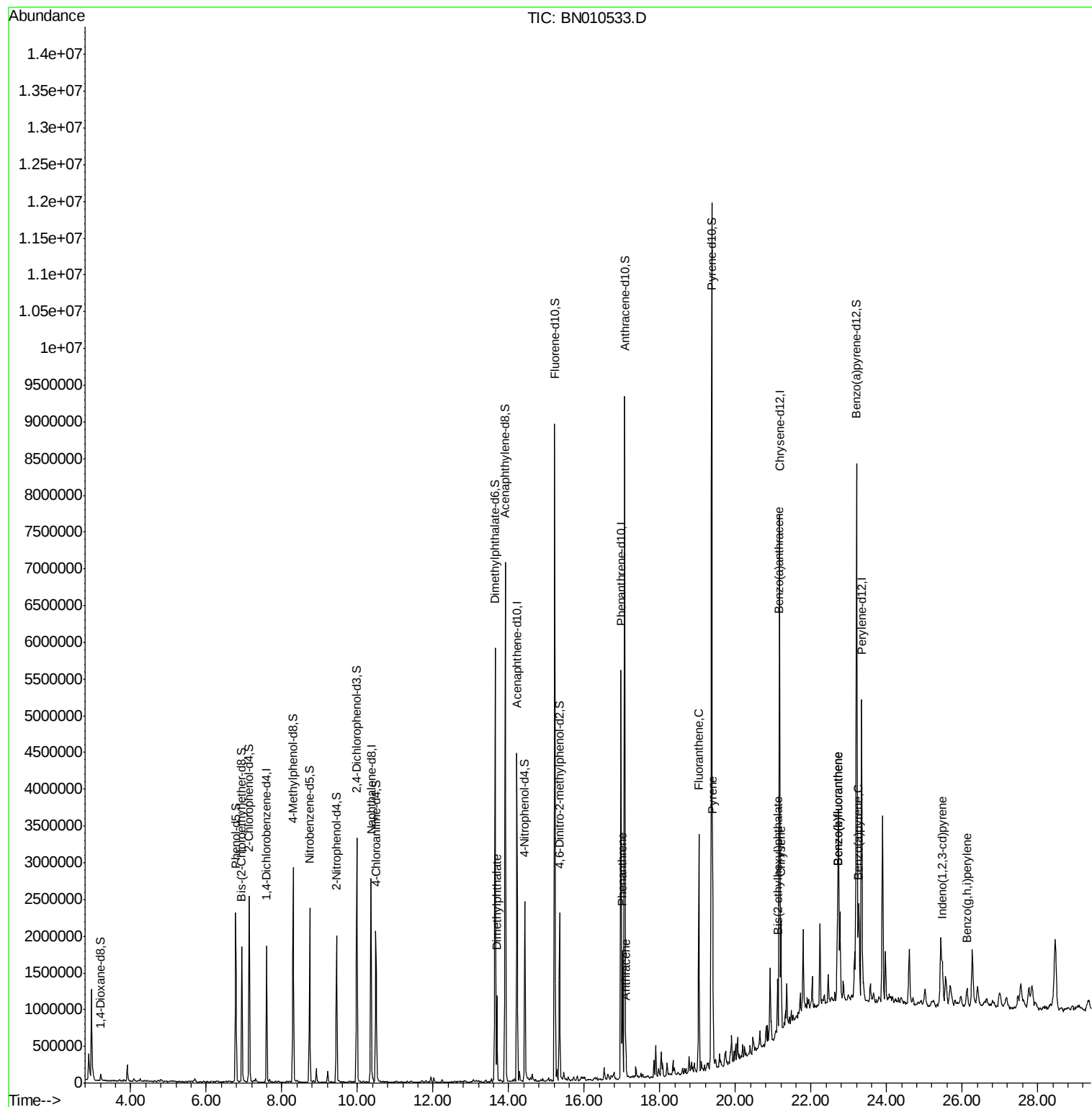
					Ovalue
45) Dimethylphthalate	13.69	163	733726	6.470	ng/ul 99
70) Phenanthrene	17.01	178	1002692	5.558	ng/ul 98
72) Anthracene	17.10	178	203478	1.113	ng/ul 97
77) Fluoranthene	19.03	202	1865468	9.518	ng/ul 99
80) Pyrene	19.40	202	1564079	6.960	ng/ul 99
83) Benzo(a)anthracene	21.16	228	865772	4.013	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.12	149	265843	1.899	ng/ul 99
85) Chrysene	21.20	228	860779	4.243	ng/ul 96
88) Benzo(b)fluoranthene	22.70	252	984241	5.547	ng/ul 98
89) Benzo(k)fluoranthene	22.70	252	984241	5.591	ng/ul 98
91) Benzo(a)pyrene	23.24	252	610219	3.871	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.48	276	376517	2.122	ng/ul 96
94) Benzo(g,h,i)perylene	26.13	276	265288	1.806	ng/ul 96

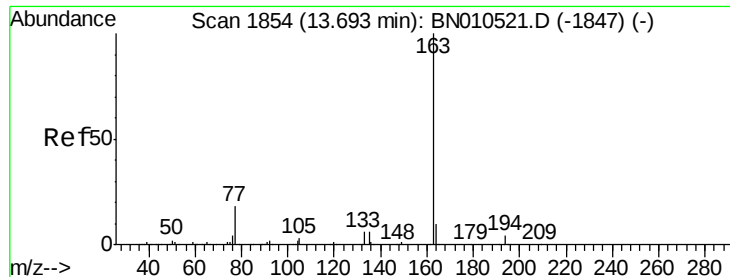
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 16 10:21:51 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 6.470 ng/ul

RT: 13.69 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BN010533.D

Acq: 17 Apr 2020 01:17

Instrument :

BNA_N

ClientSampleId :

CB7A7

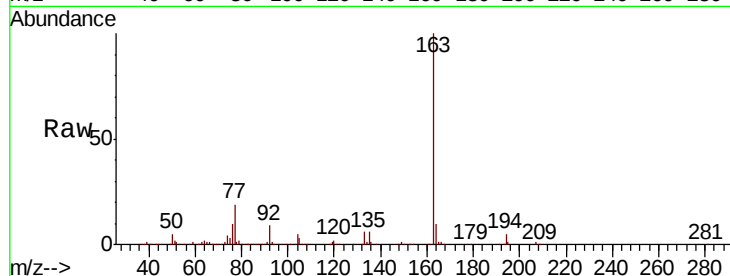
Tot Ion:163 Resp: 733726

Ion Ratio Lower Upper

163 100

194 4.6 3.3 4.9

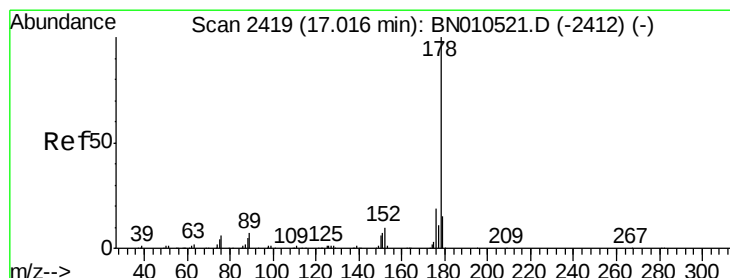
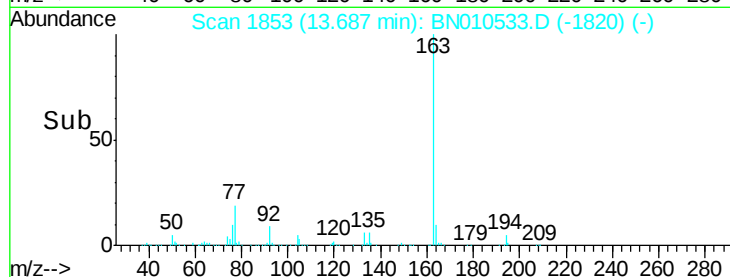
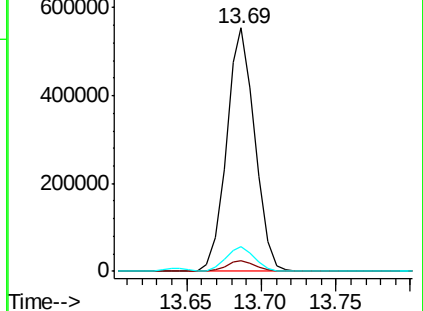
164 10.0 8.0 12.0



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: 5.558 ng/ul

RT: 17.01 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BN010533.D

Acq: 17 Apr 2020 01:17

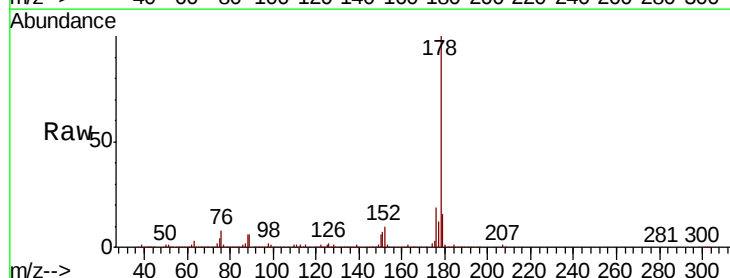
Tgt Ion:178 Resp: 1002692

Ion Ratio Lower Upper

178 100

179 15.8 11.4 17.2

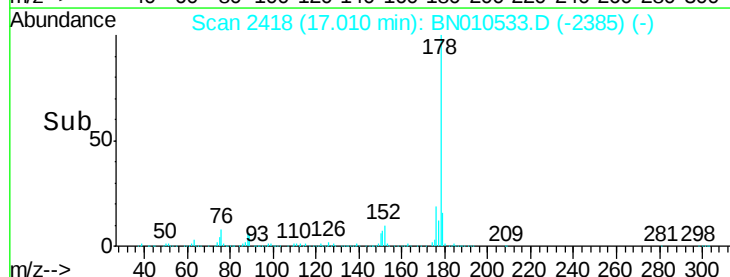
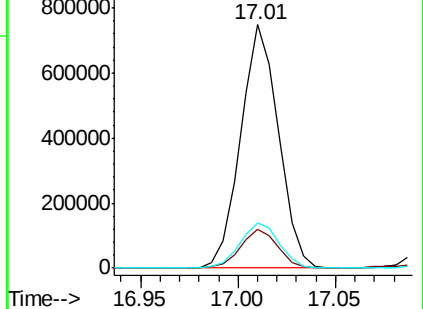
176 18.5 15.3 22.9

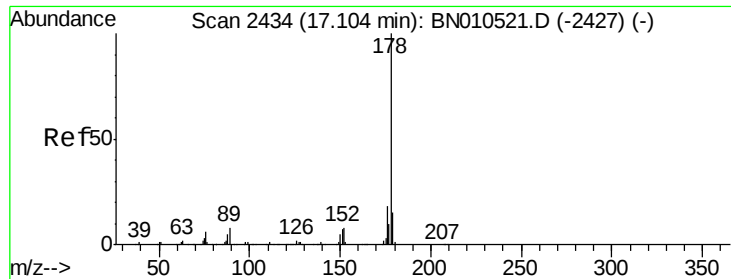


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.113 ng/ul

RT: 17.10 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BN010533.D

Acq: 17 Apr 2020 01:17

Instrument :

BNA_N

ClientSampleId :

CB7A7

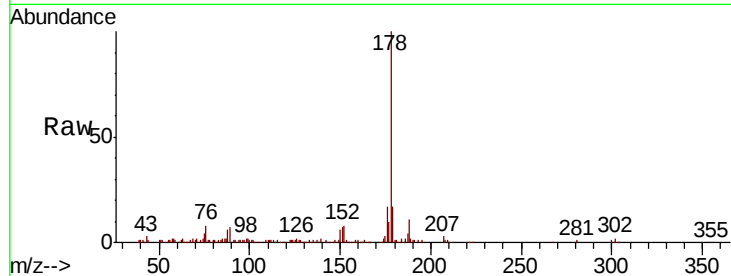
Tot Ion:178 Resp: 203478

Ion Ratio Lower Upper

178 100

179 16.9 12.3 18.5

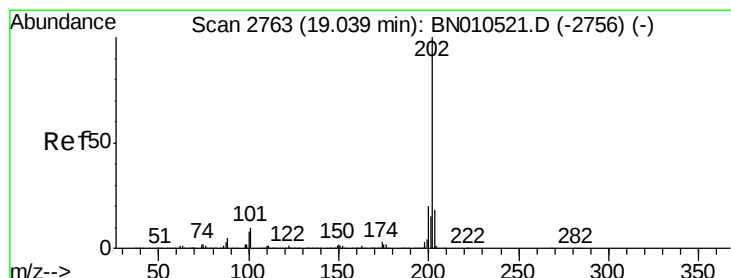
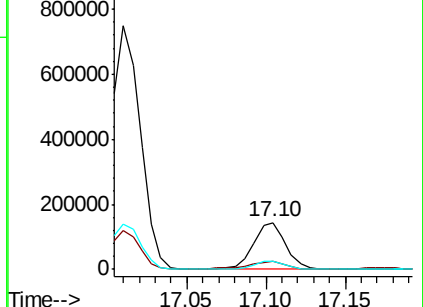
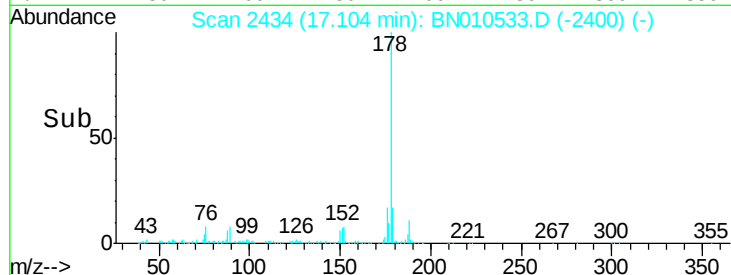
176 17.0 14.2 21.4



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



#77

Fluoranthene

Concen: 9.518 ng/ul

RT: 19.03 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BN010533.D

Acq: 17 Apr 2020 01:17

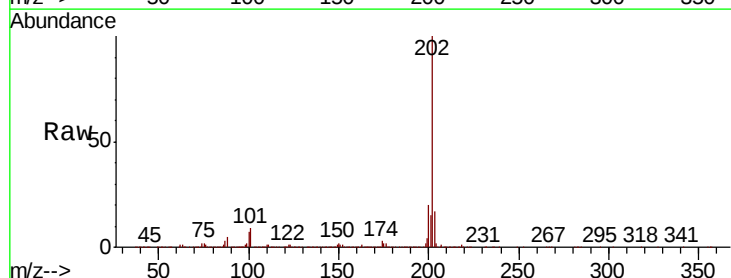
Tgt Ion:202 Resp: 1865468

Ion Ratio Lower Upper

202 100

101 9.0 7.1 10.7

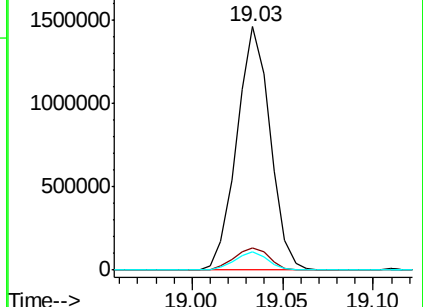
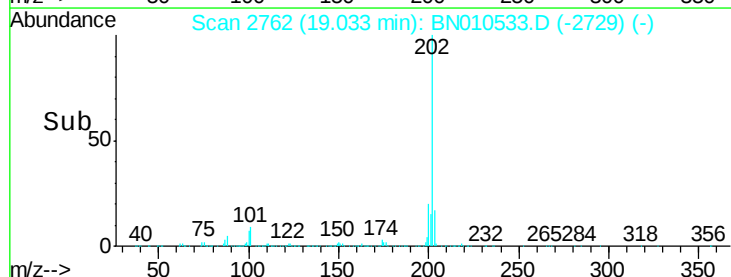
100 7.4 5.5 8.3

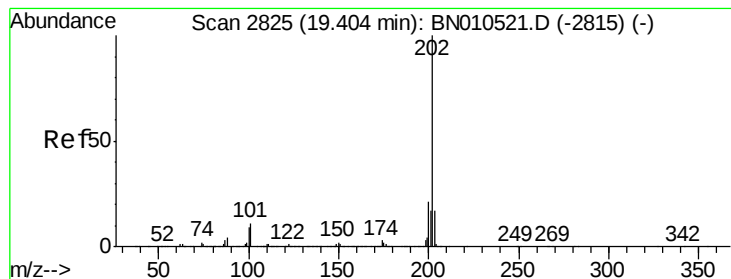


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 6.960 ng/ul

RT: 19.40 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BN010533.D

Acq: 17 Apr 2020 01:17

Instrument :

BNA_N

ClientSampleId :

CB7A7

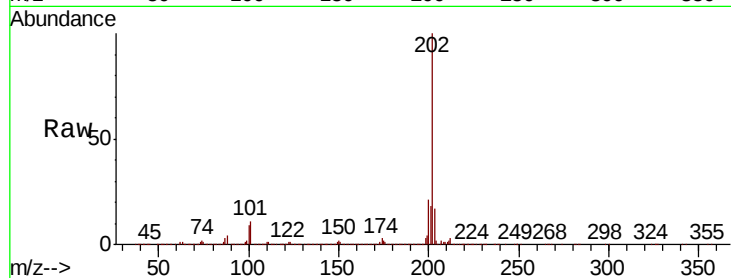
Tot Ion:202 Resp: 1564079

Ion Ratio Lower Upper

202 100

101 11.5 8.6 13.0

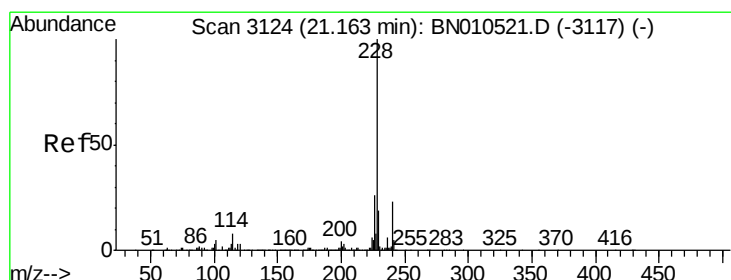
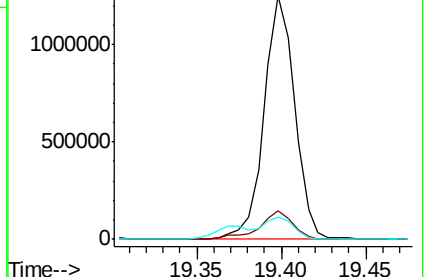
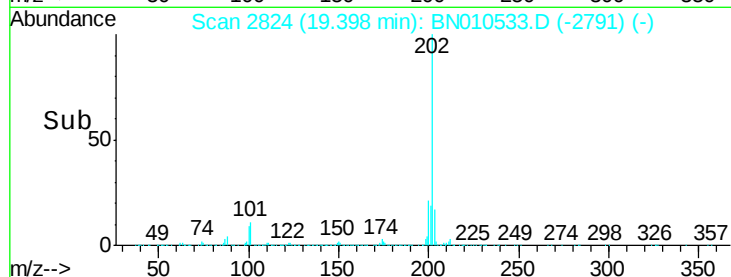
100 8.9 7.0 10.6



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): E



#83

Benzo(a)anthracene

Concen: 4.013 ng/ul

RT: 21.16 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BN010533.D

Acq: 17 Apr 2020 01:17

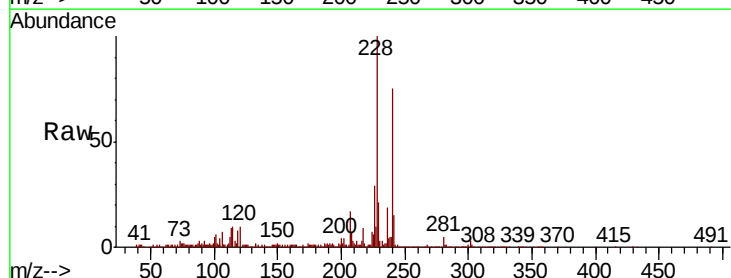
Tgt Ion:228 Resp: 865772

Ion Ratio Lower Upper

228 100

229 20.8 16.0 24.0

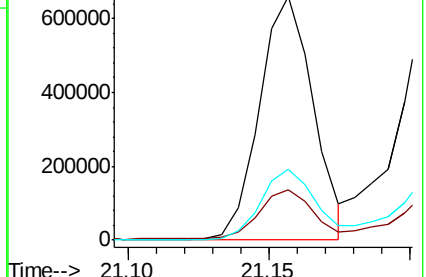
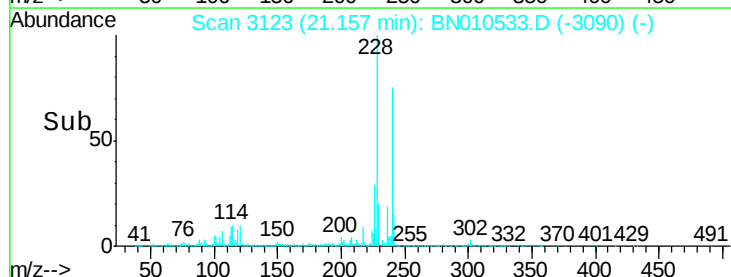
226 29.1 21.4 32.2

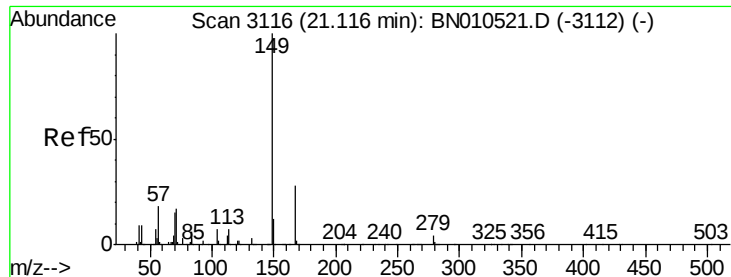


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

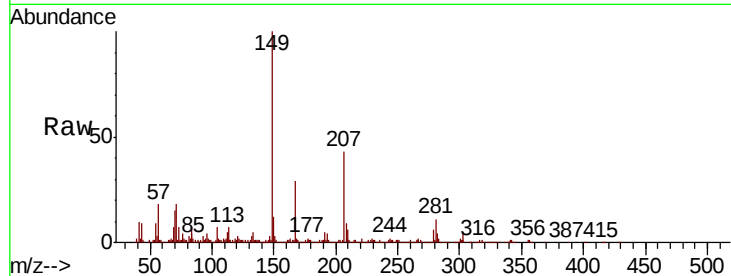




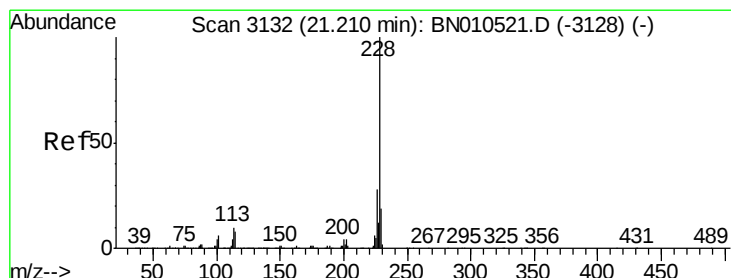
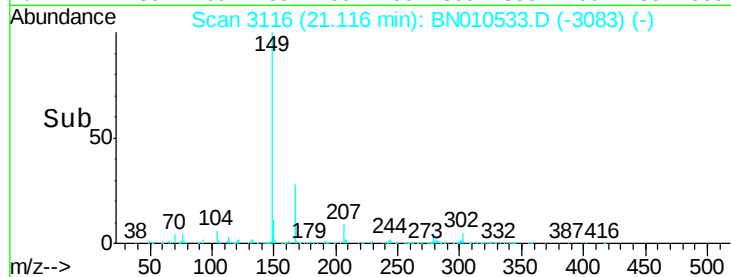
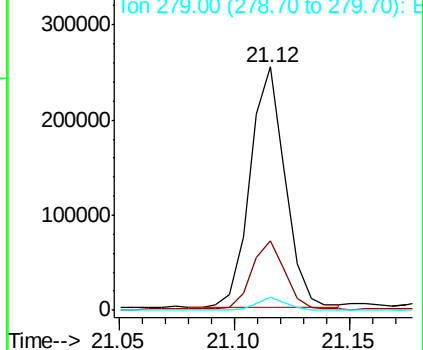
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.899 ng/ul
 RT: 21.12 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BN010533.D
 Acq: 17 Apr 2020 01:17

Instrument :
 BNA_N
 ClientSampleId :
 CB7A7

Tot Ion:149 Resp: 265843
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.4 33.6
 279 5.6 3.8 5.6

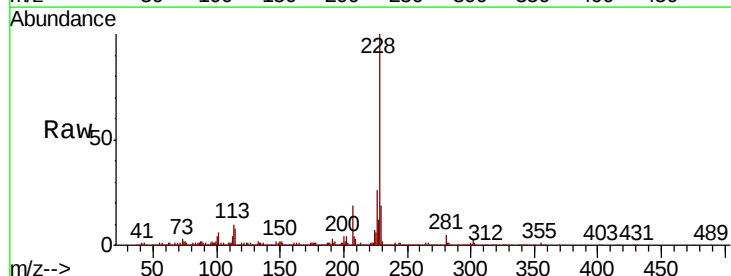


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

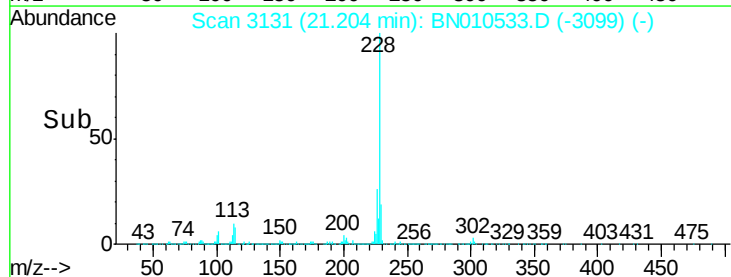
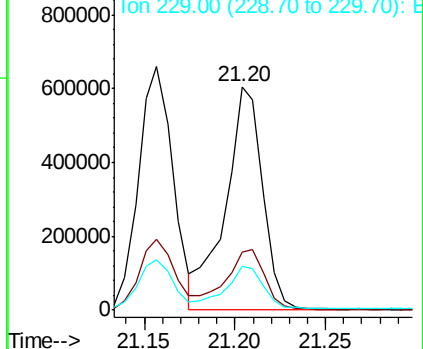


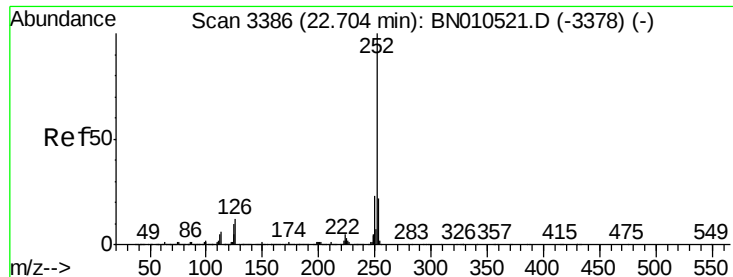
#85
 Chrysene
 Concen: 4.243 ng/ul
 RT: 21.20 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BN010533.D
 Acq: 17 Apr 2020 01:17

Tgt Ion:228 Resp: 860779
 Ion Ratio Lower Upper
 228 100
 226 26.1 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: 5.547 ng/u1

RT: 22.70 min Scan# 3386

Delta R.T. 0.00 min

Lab File: BN010533.D

Acq: 17 Apr 2020 01:17

Instrument :

BNA_N

ClientSampled :

CB7A7

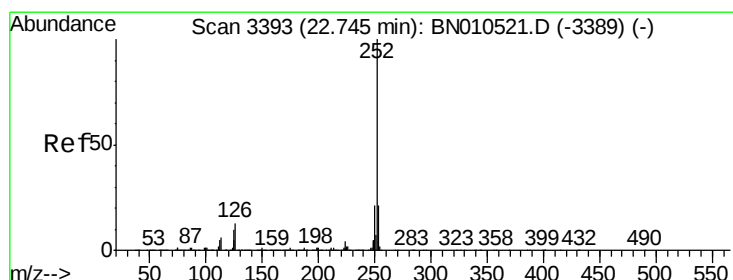
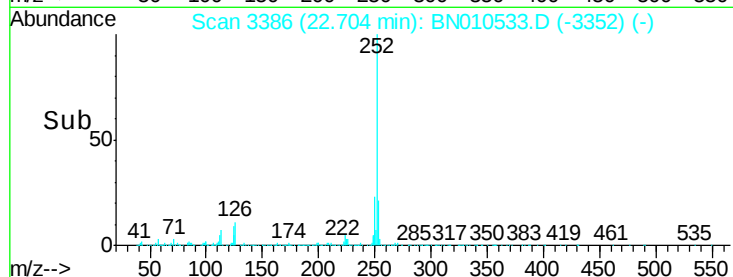
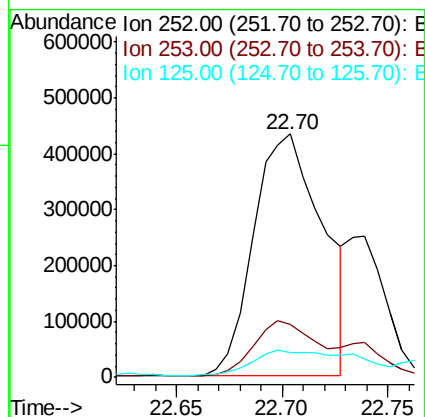
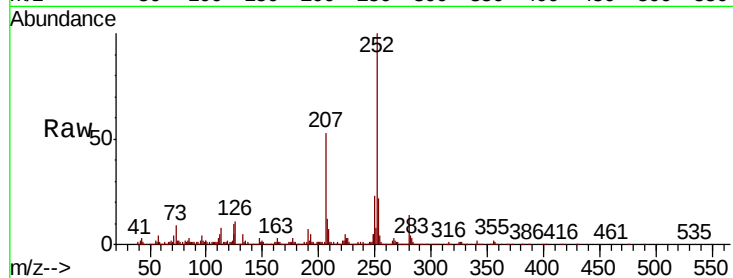
Tot Ion:252 Resp: 984241

Ion Ratio Lower Upper

252 100

253 21.7 16.7 25.1

125 10.3 7.2 10.8



#89

Benzo(k)fluoranthene

Concen: 5.591 ng/u1

RT: 22.70 min Scan# 3386

Delta R.T. -0.05 min

Lab File: BN010533.D

Acq: 17 Apr 2020 01:17

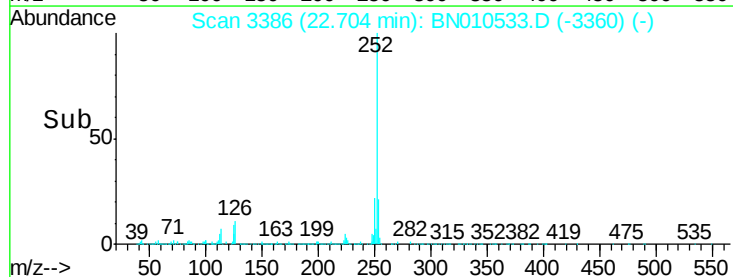
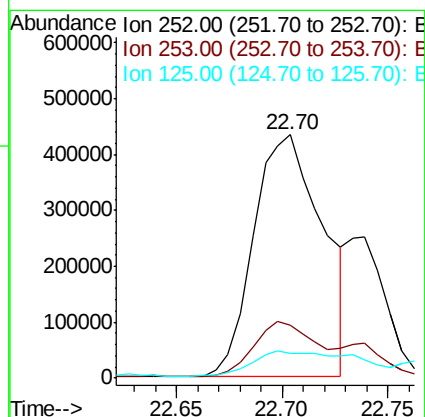
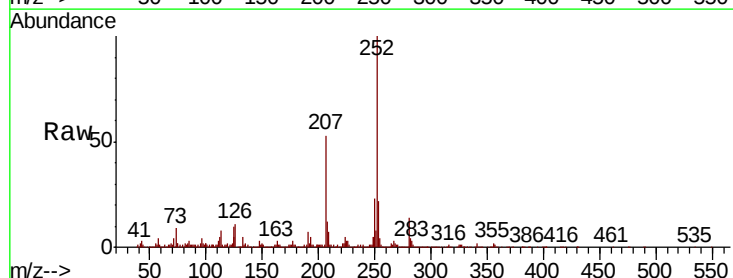
Tgt Ion:252 Resp: 984241

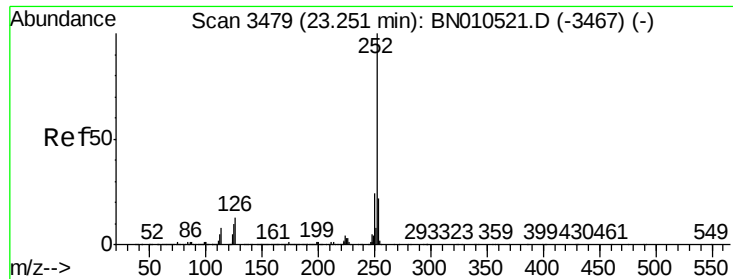
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 10.3 6.9 10.3





#91

Benzo(a)pyrene

Concen: 3.871 ng/ul

RT: 23.24 min Scan# 3478

Delta R.T. -0.01 min

Lab File: BN010533.D

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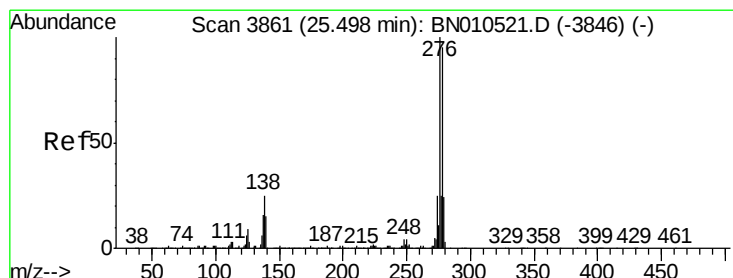
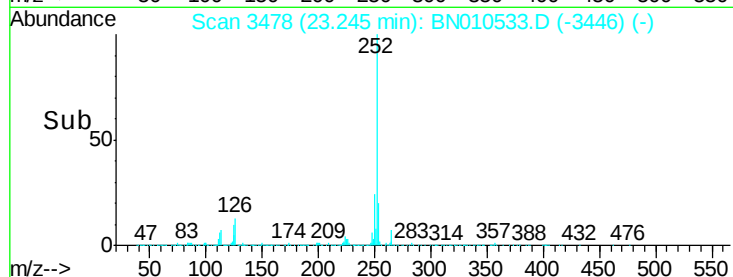
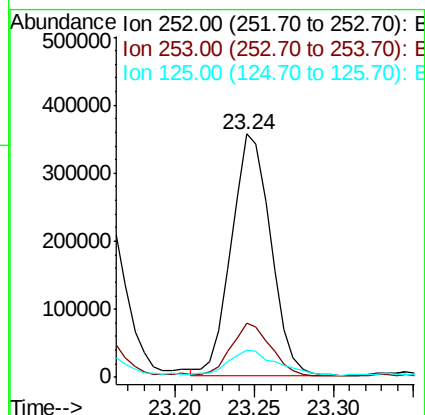
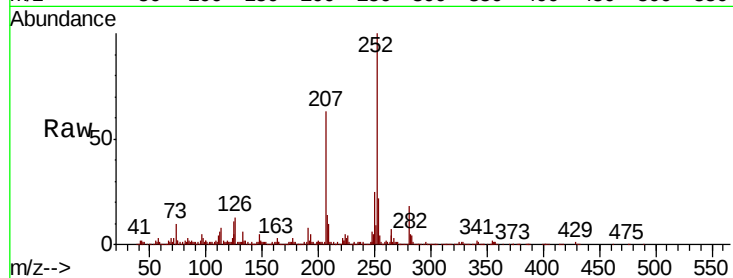
Tot Ion:252 Resp: 610219

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 11.3 7.8 11.6



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.122 ng/ul

RT: 25.48 min Scan# 3858

Delta R.T. -0.01 min

Lab File: BN010533.D

Acq: 17 Apr 2020 01:17

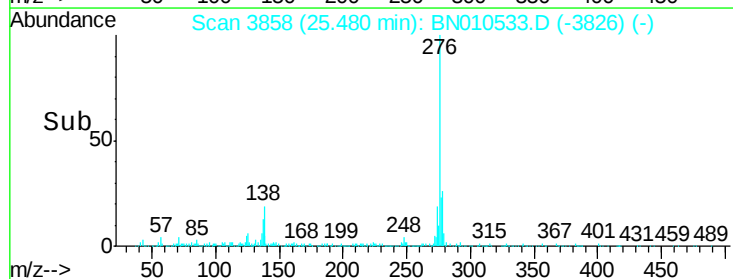
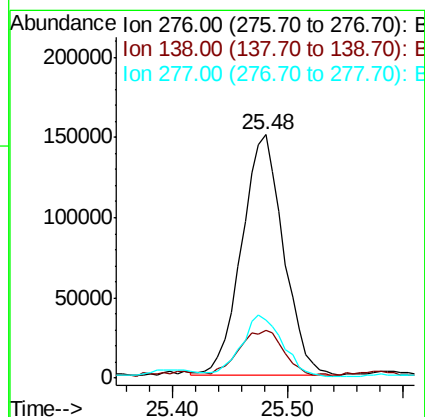
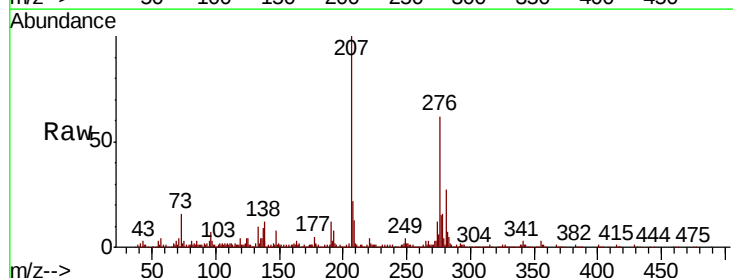
Tgt Ion:276 Resp: 376517

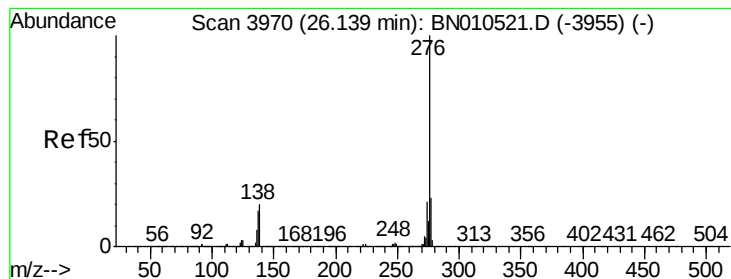
Ion Ratio Lower Upper

276 100

138 19.8 18.3 27.5

277 23.8 19.8 29.8





#94

Benzo(a,h,i)perylene

Concen: 1.806 ng/ul

RT: 26.13 min Scan# 3968

Delta R.T. -0.02 min

Lab File: BN010533.D

Acq: 17 Apr 2020 01:17

Instrument :

BNA_N

ClientSampleId :

CB7A7

Tot Ion:276 Resp: 265288

Ion Ratio Lower Upper

276 100

138 20.0 14.7 22.1

277 21.4 18.4 27.6

