

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042220\
 Data File : BN010584.D
 Acq On : 22 Apr 2020 15:15
 Operator : CG/JU
 Sample : L2313-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5B82

Quant Time: Apr 22 15:58:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 22 11:55:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	412430	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1841490	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1201257	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	2590658	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	2537577	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2235942	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	21743	2.76	ng/uL	0.00
5) Phenol-d5	6.78	99	520736	15.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	290284	17.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	444633	16.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	431083	15.70	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	236908	16.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	246793	15.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	465677	15.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	469920	13.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	1589014	17.83	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1811061	16.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	157565	9.08	ng/ul	-0.01
58) Fluorene-d10	15.22	176	1423836	17.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	133758	9.88	ng/ul	0.00
71) Anthracene-d10	17.06	188	2177052	18.14	ng/ul	0.00
79) Pyrene-d10	19.37	212	2512930	17.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	2018714	17.41	ng/ul	0.00

Target Compounds

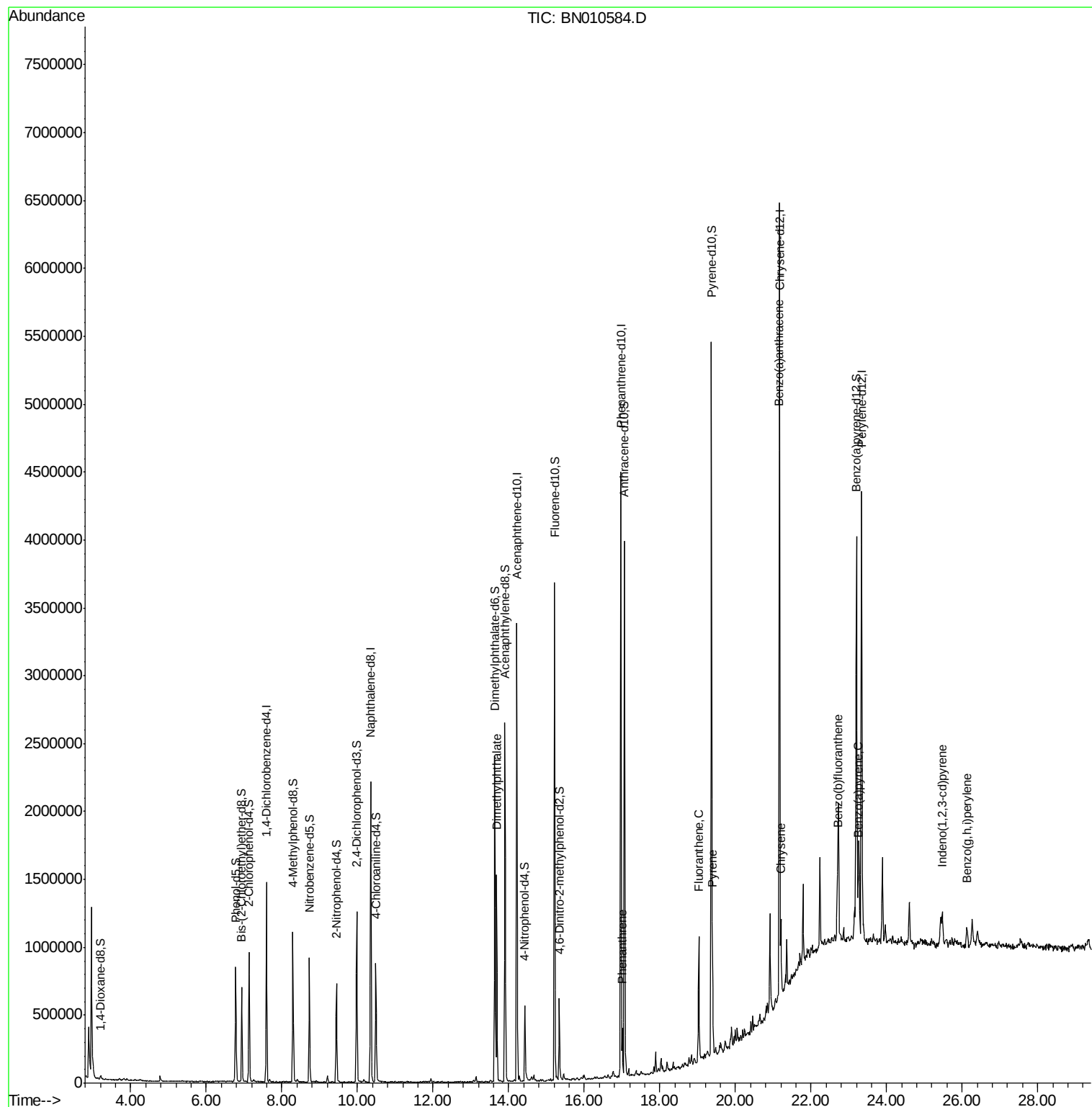
					Ovalue
45) Dimethylphthalate	13.68	163	956743	10.339	ng/ul 100
70) Phenanthrene	17.01	178	206808	1.437	ng/ul 99
77) Fluoranthene	19.03	202	564400	3.611	ng/ul 98
80) Pyrene	19.40	202	512560	2.796	ng/ul 100
83) Benzo(a)anthracene	21.16	228	315823	1.794	ng/ul 97
85) Chrysene	21.20	228	304793	1.841	ng/ul 98
88) Benzo(b)fluoranthene	22.70	252	416758	2.856	ng/ul# 97
91) Benzo(a)pyrene	23.24	252	255417	1.970	ng/ul# 97
92) Indeno(1,2,3-cd)pyrene	25.47	276	164614	1.128	ng/ul 95
94) Benzo(g,h,i)perylene	26.13	276	141154	1.169	ng/ul 98

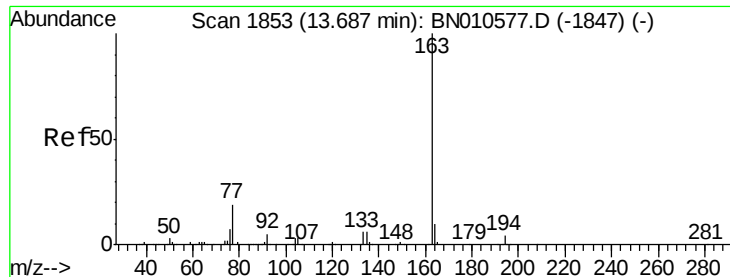
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042220\
Data File : BN010584.D
Acq On : 22 Apr 2020 15:15
Operator : CG/JU
Sample : L2313-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5B82

Quant Time: Apr 22 15:58:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 22 11:55:58 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 10.339 ng/ul

RT: 13.68 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BN010584.D

Acq: 22 Apr 2020 15:15

Instrument :

BNA_N

ClientSampleId :

C5B82

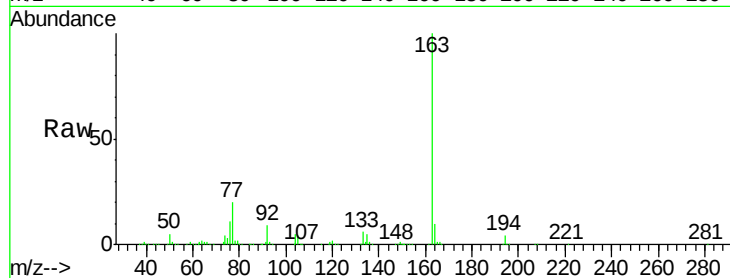
Tot Ion:163 Resp: 956743

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

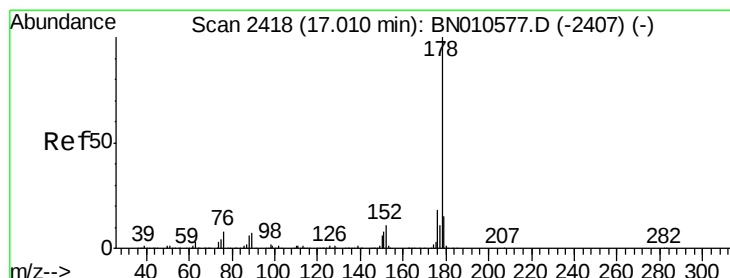
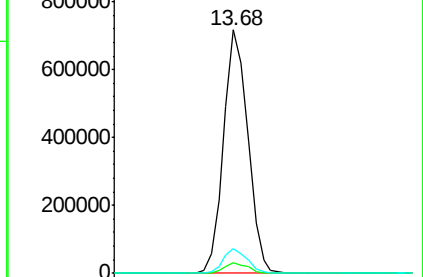
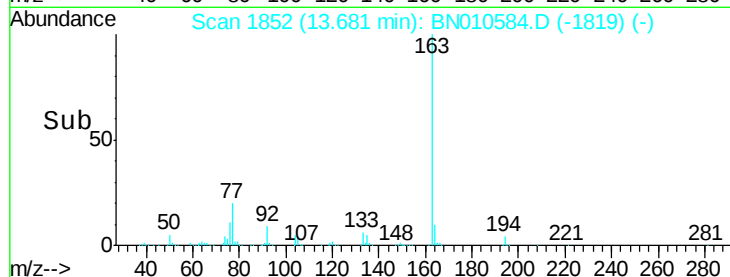
164 10.0 8.0 12.0



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: 1.437 ng/ul

RT: 17.01 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BN010584.D

Acq: 22 Apr 2020 15:15

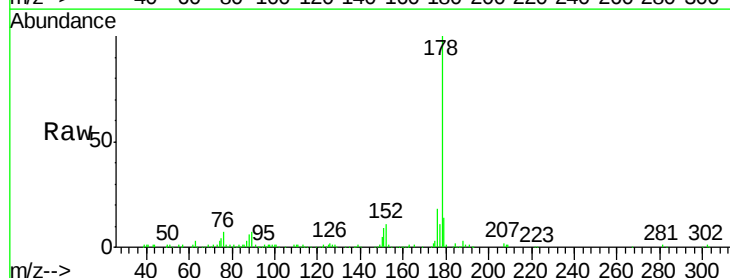
Tgt Ion:178 Resp: 206808

Ion Ratio Lower Upper

178 100

179 14.2 11.4 17.2

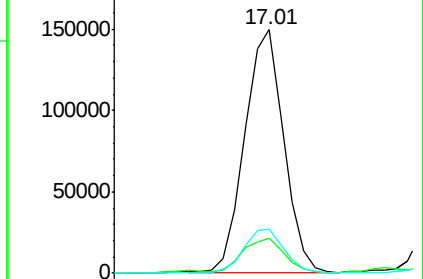
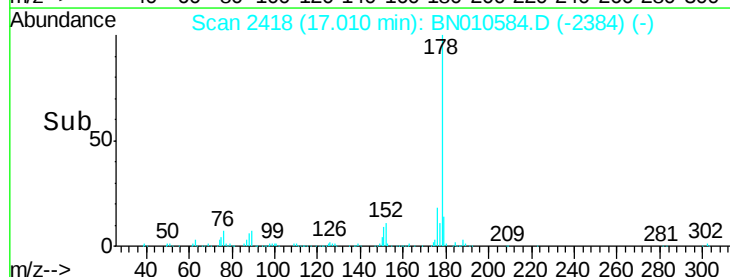
176 18.1 15.3 22.9

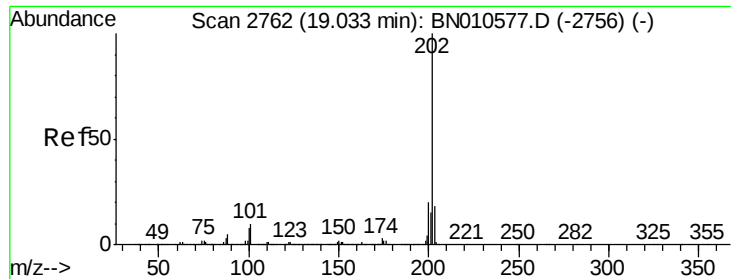


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

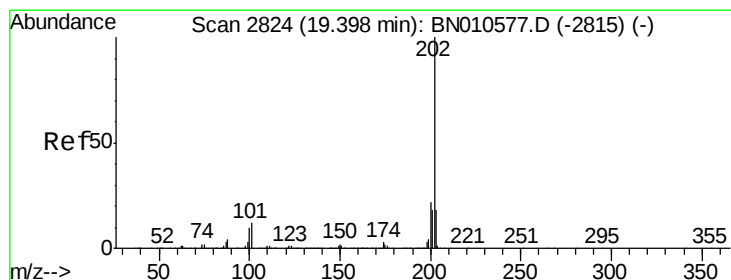
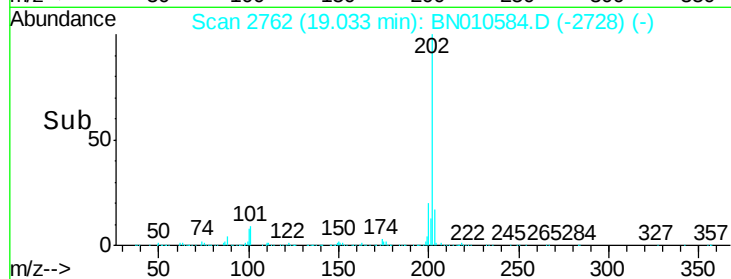
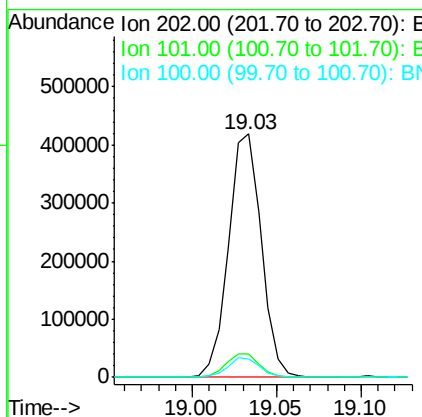
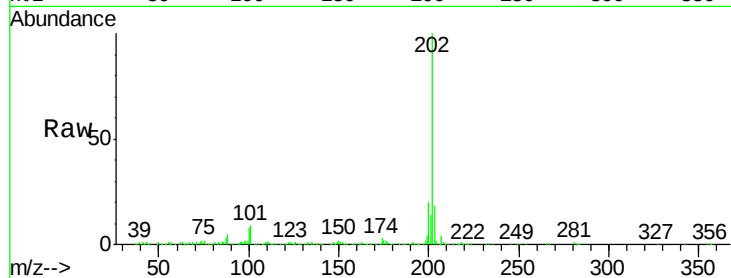




#77
 Fluoranthene
 Concen: 3.611 ng/ul
 RT: 19.03 min Scan# 2762
 Delta R.T. -0.00 min
 Lab File: BN010584.D
 Acq: 22 Apr 2020 15:15

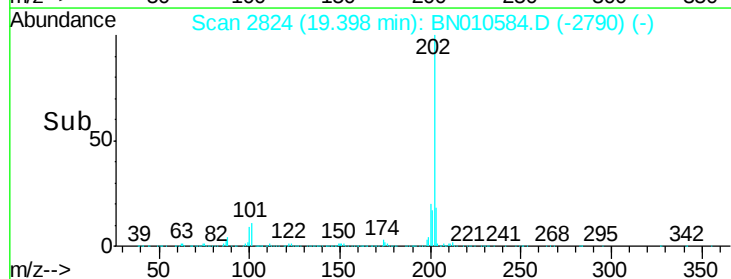
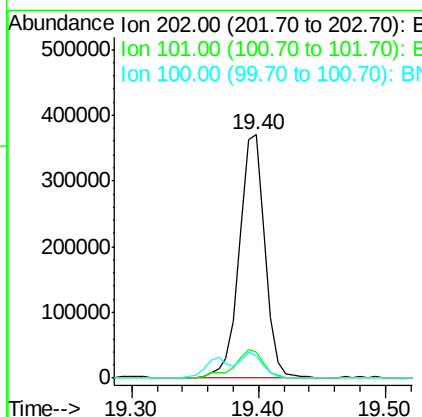
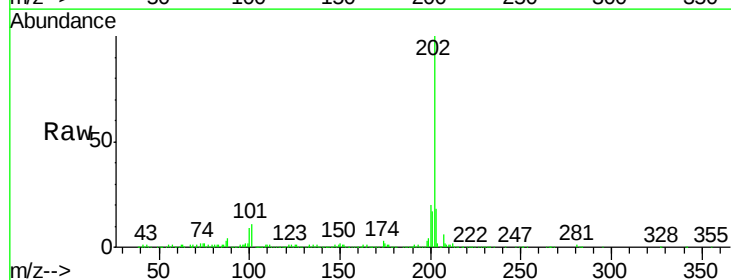
Instrument :
 BNA_N
 ClientSampled :
 C5B82

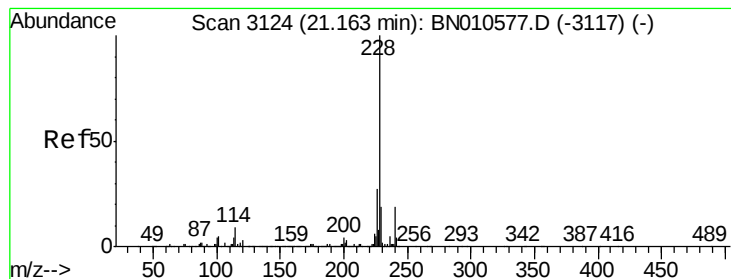
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.1	10.7
100	7.8	5.5	8.3



#80
 Pyrene
 Concen: 2.796 ng/ul
 RT: 19.40 min Scan# 2824
 Delta R.T. -0.00 min
 Lab File: BN010584.D
 Acq: 22 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.6	13.0
100	9.0	7.0	10.6





#83

Benzo(a)anthracene

Concen: 1.794 ng/ul

RT: 21.16 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BN010584.D

Acq: 22 Apr 2020 15:15

Instrument :

BNA_N

ClientSampleId :

C5B82

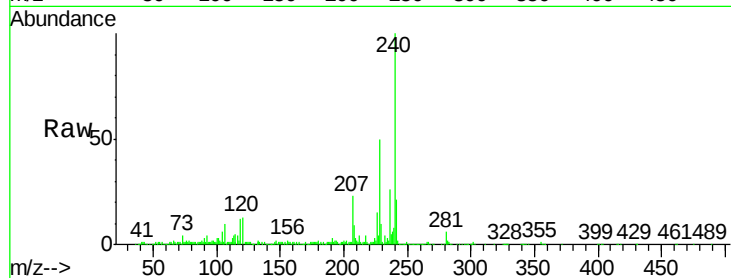
Tot Ion:228 Resp: 315823

Ion Ratio Lower Upper

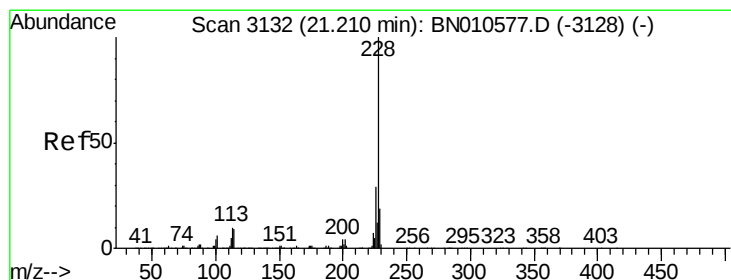
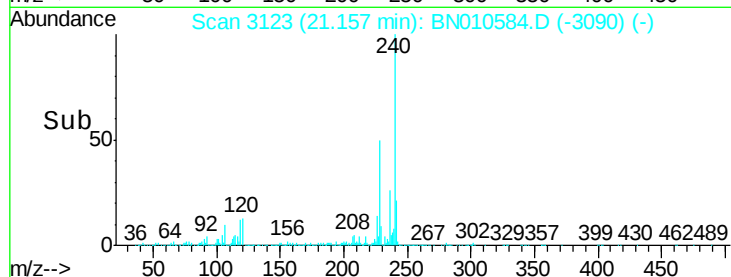
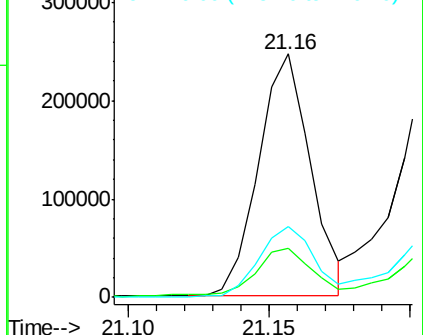
228 100

229 19.9 16.0 24.0

226 29.3 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: 1.841 ng/ul

RT: 21.20 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BN010584.D

Acq: 22 Apr 2020 15:15

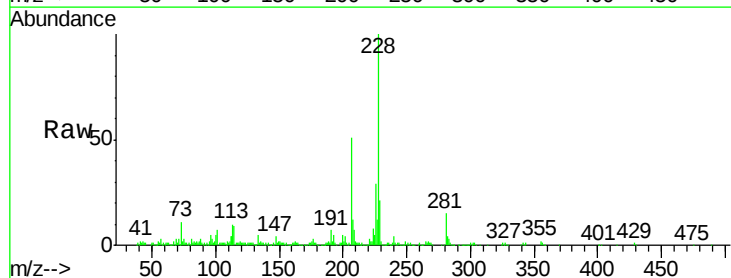
Tgt Ion:228 Resp: 304793

Ion Ratio Lower Upper

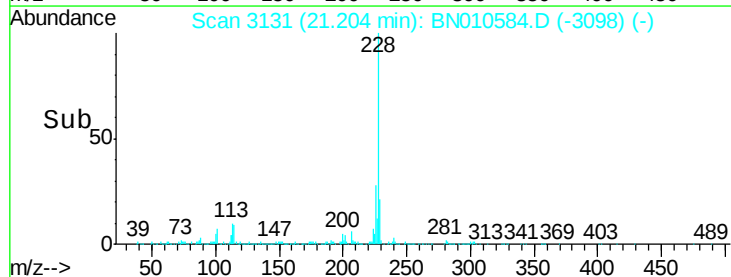
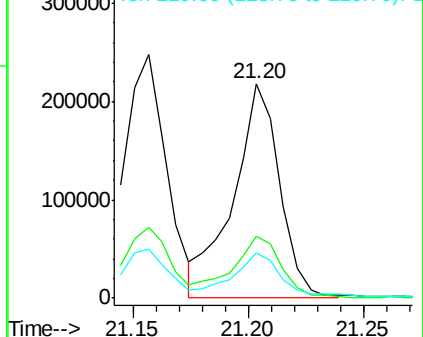
228 100

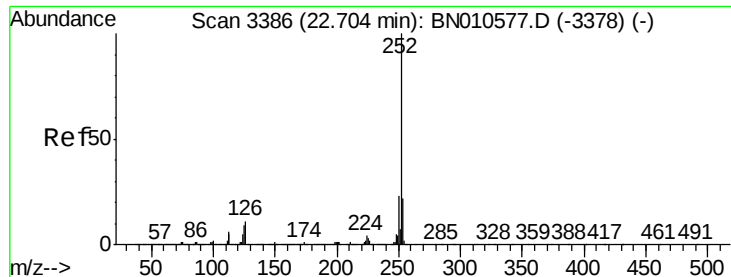
226 28.7 23.0 34.6

229 21.3 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: 2.856 ng/ul

RT: 22.70 min Scan# 3385

Delta R.T. -0.01 min

Lab File: BN010584.D

Acq: 22 Apr 2020 15:15

Instrument :

BNA_N

ClientSampled :

C5B82

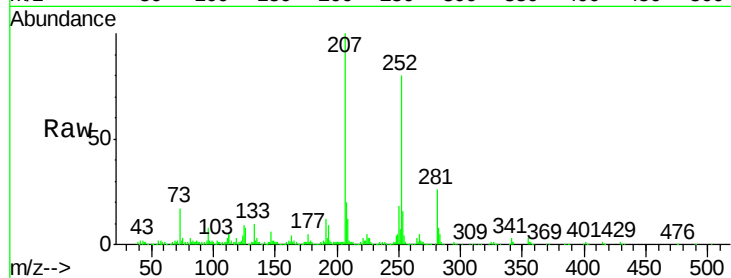
Tot Ion:252 Resp: 416758

Ion Ratio Lower Upper

252 100

253 20.2 16.7 25.1

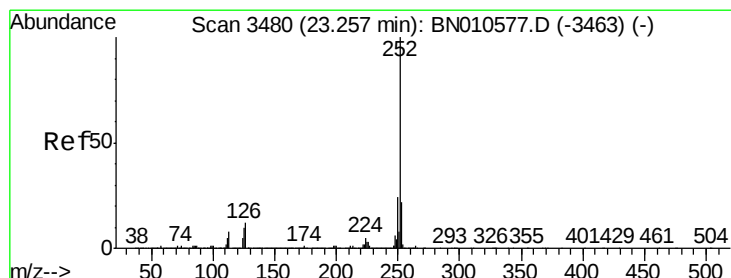
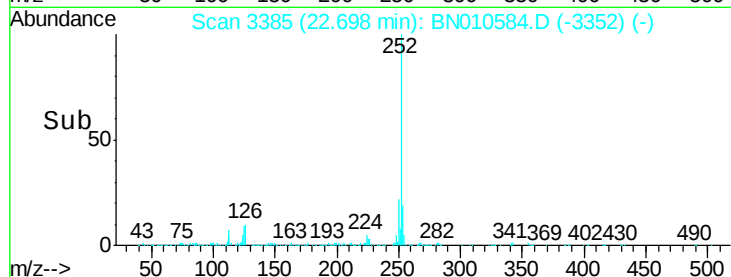
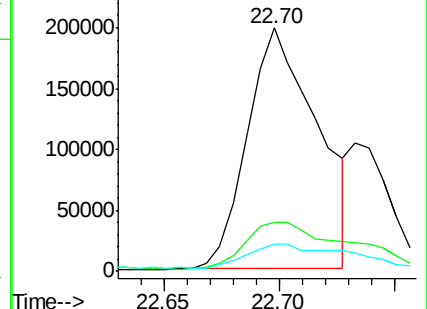
125 11.1 7.2 10.8#



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: 1.970 ng/ul

RT: 23.24 min Scan# 3478

Delta R.T. -0.01 min

Lab File: BN010584.D

Acq: 22 Apr 2020 15:15

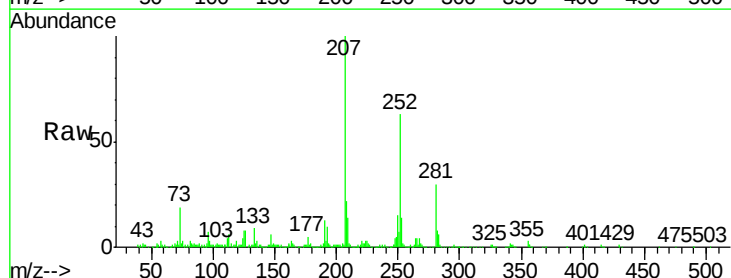
Tgt Ion:252 Resp: 255417

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

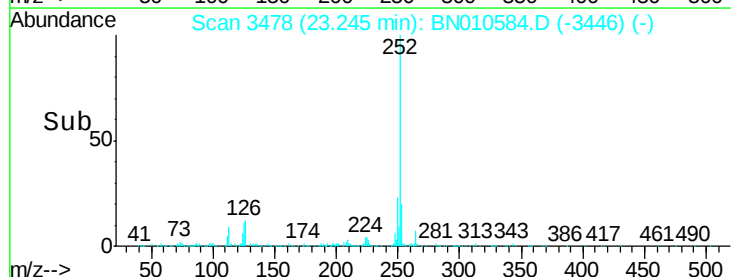
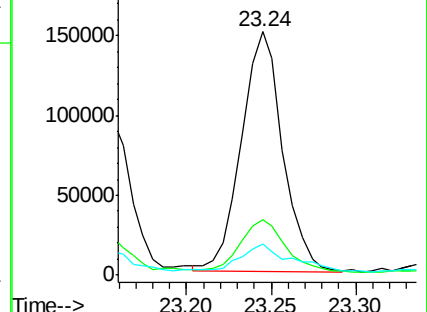
125 12.5 7.8 11.6#

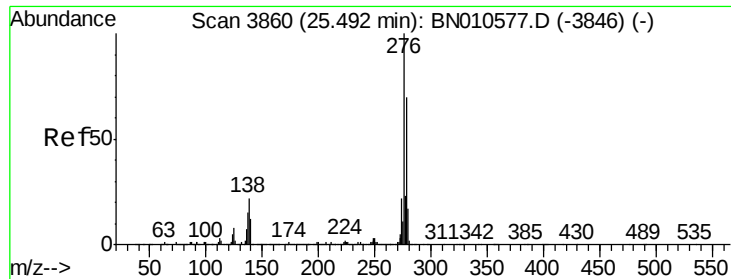


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.128 ng/ul

RT: 25.47 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BN010584.D

Acq: 22 Apr 2020 15:15

Instrument :

BNA_N

ClientSampleId :

C5B82

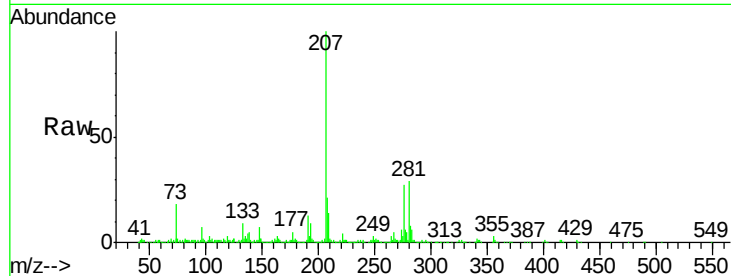
Tot Ion:276 Resp: 164614

Ion Ratio Lower Upper

276 100

138 19.4 18.3 27.5

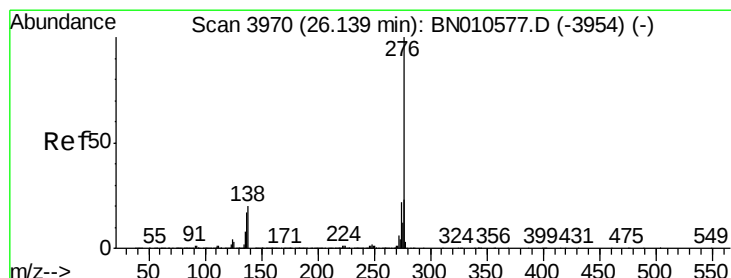
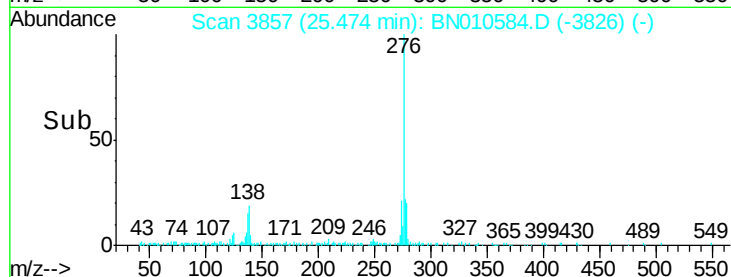
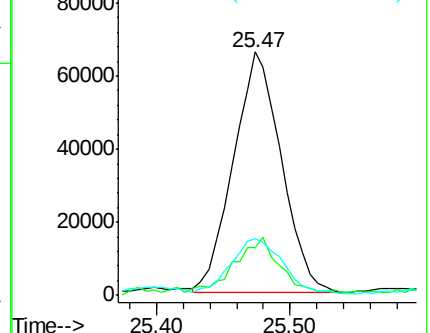
277 23.2 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#94

Benzo(g,h,i)perylene

Concen: 1.169 ng/ul

RT: 26.13 min Scan# 3968

Delta R.T. -0.01 min

Lab File: BN010584.D

Acq: 22 Apr 2020 15:15

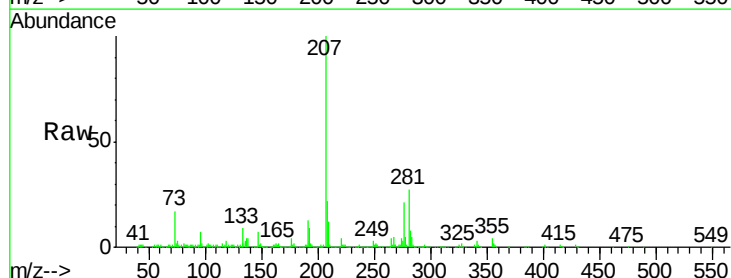
Tgt Ion:276 Resp: 141154

Ion Ratio Lower Upper

276 100

138 20.1 14.7 22.1

277 22.7 18.4 27.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

