

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
 Data File : BN010030.D
 Acq On : 29 Feb 2020 18:24
 Operator : CG/JU
 Sample : L1615-07
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 02 05:55:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 29 01:38:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	69221	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	300380	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	185003	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	383530	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	343864	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	374193	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	3453	2.05	ng/uL	0.00
5) Phenol-d5	6.59	99	71753	12.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	54665	13.45	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	58858	13.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	55872	11.93	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	26412	12.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	29650	12.33	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.78	165	50968	11.03	ng/ul	0.02
29) 4-Chloroaniline-d4	10.30	131	49302	9.49	ng/ul	0.02
44) Dimethylphthalate-d6	13.45	166	187812	13.59	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	224106	13.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	9298	3.68	ng/ul	0.04
58) Fluorene-d10	15.02	176	171224	14.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	15181	6.37	ng/ul	0.01
71) Anthracene-d10	16.87	188	259364	14.75	ng/ul	0.00
79) Pyrene-d10	19.18	212	293327	16.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	290131	15.53	ng/ul	0.00

Target Compounds

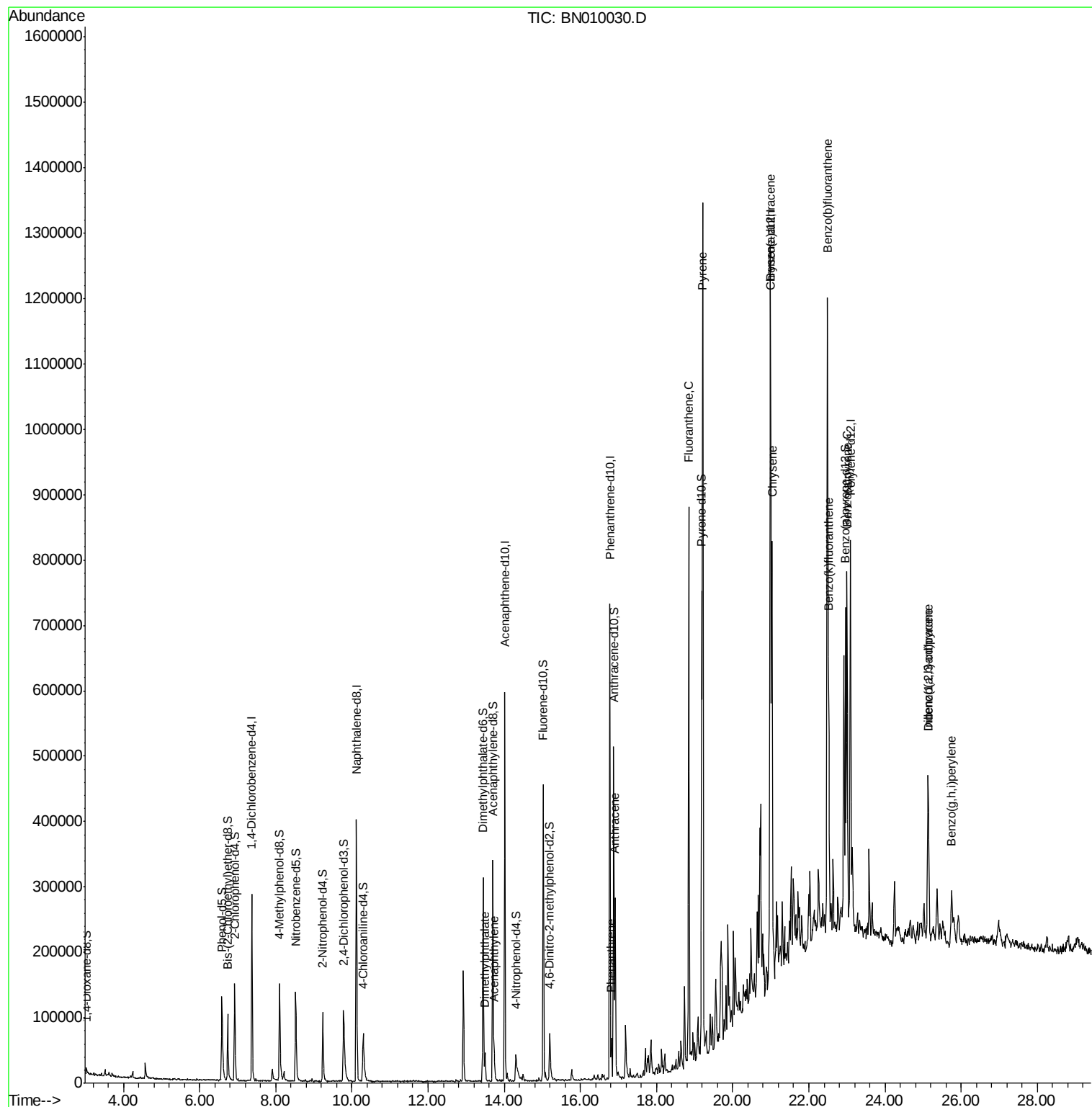
					Ovalue	
45) Dimethylphthalate	13.50	163	27989	1.941	ng/ul	96
48) Acenaphthylene	13.73	152	34282	1.946	ng/ul	96
70) Phenanthrene	16.82	178	36671	1.675	ng/ul	97
72) Anthracene	16.91	178	173474	7.753	ng/ul	99
77) Fluoranthene	18.85	202	478452	18.661	ng/ul	97
80) Pyrene	19.22	202	778234	31.392	ng/ul	95
83) Benzo(a)anthracene	20.98	228	332806	14.084	ng/ul	97
85) Chrysene	21.03	228	433966	18.654	ng/ul	97
88) Benzo(b)fluoranthene	22.49	252	644752	26.575	ng/ul	99
89) Benzo(k)fluoranthene	22.52	252	175921	7.658	ng/ul	99
91) Benzo(a)pyrene	23.00	252	257542	11.803	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.13	276	133326	5.146	ng/ul	93
93) Dibenzo(a,h)anthracene	25.13	278	35271	1.591	ng/ul#	81
94) Benzo(g,h,i)perylene	25.75	276	79757	3.672	ng/ul	96

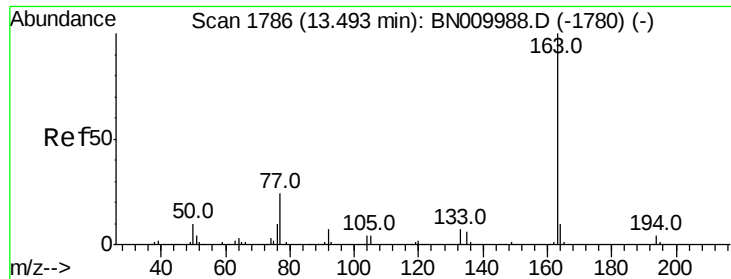
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 1.941 ng/ul

RT: 13.50 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BN010030.D

Acq: 29 Feb 2020 18:24

Instrument :

BNA_N

ClientSampleId :

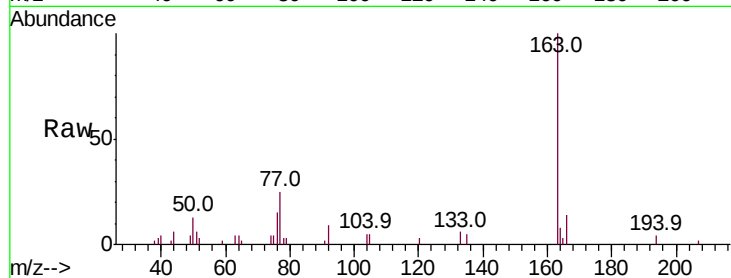
Tot Ion:163 Resp: 27989

Ion Ratio Lower Upper

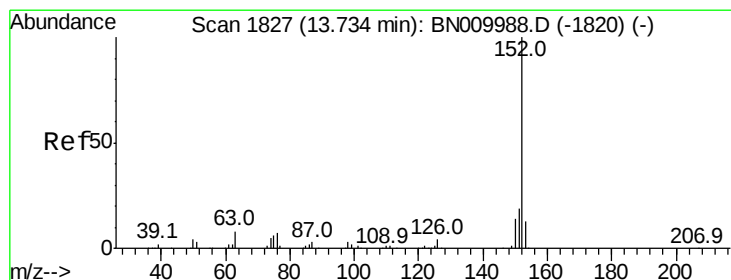
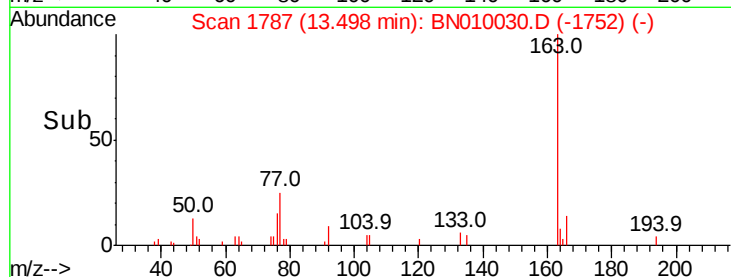
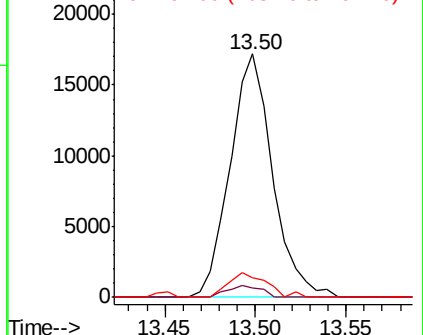
163 100

194 3.8 3.4 5.0

164 8.2 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



#48

Acenaphthylene

Concen: 1.946 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BN010030.D

Acq: 29 Feb 2020 18:24

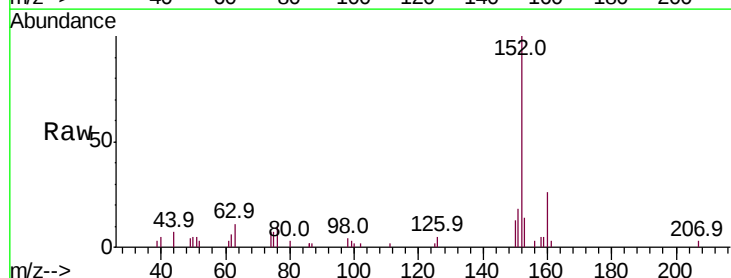
Tgt Ion:152 Resp: 34282

Ion Ratio Lower Upper

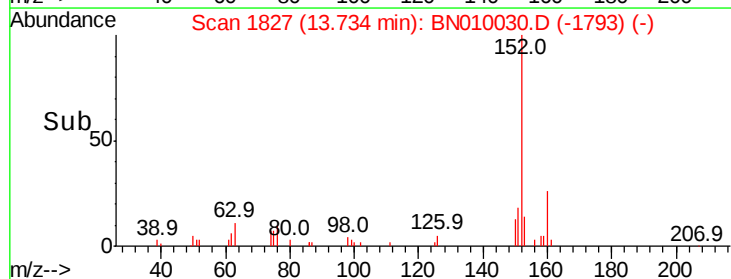
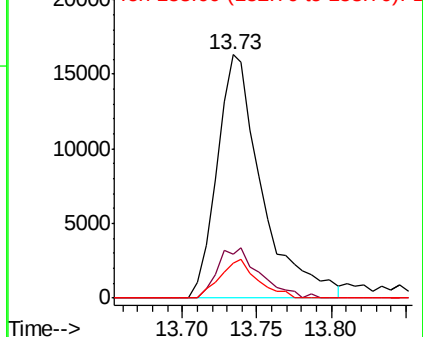
152 100

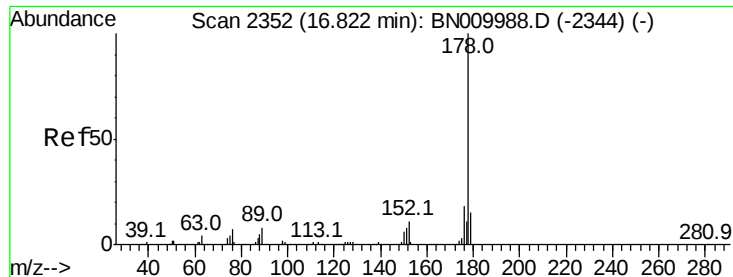
151 17.8 15.7 23.5

153 14.4 10.3 15.5



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





#70

Phenanthrene

Concen: 1.675 ng/ul

RT: 16.82 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BN010030.D

Acq: 29 Feb 2020 18:24

Instrument :

BNA_N

ClientSampled :

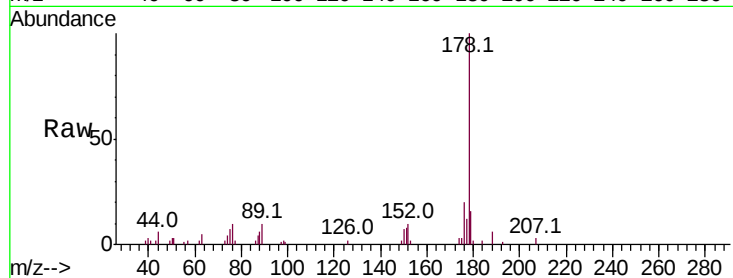
Tot Ion:178 Resp: 36671

Ion Ratio Lower Upper

178 100

179 16.5 12.5 18.7

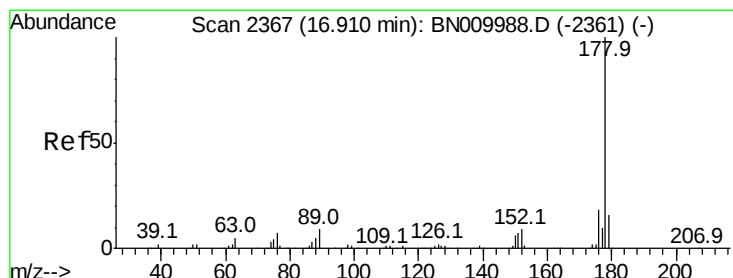
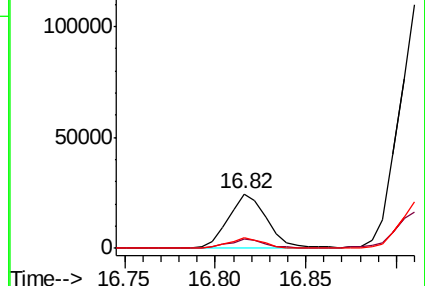
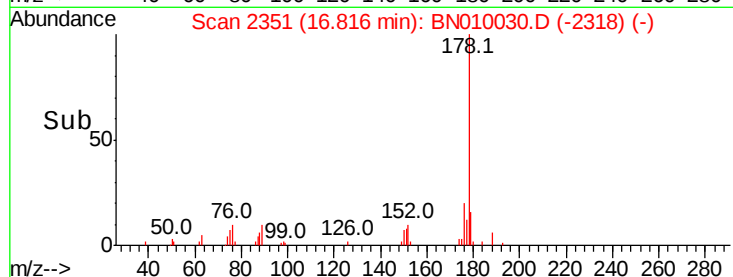
176 20.1 14.6 22.0



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: 7.753 ng/ul

RT: 16.91 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BN010030.D

Acq: 29 Feb 2020 18:24

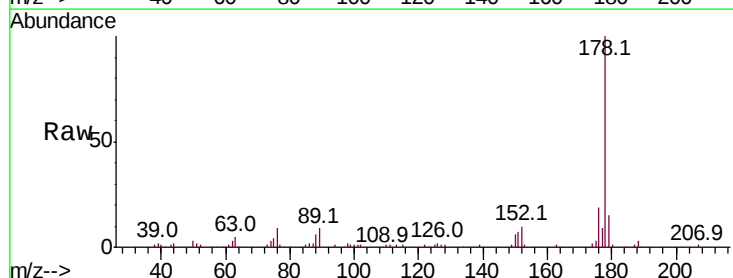
Tgt Ion:178 Resp: 173474

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

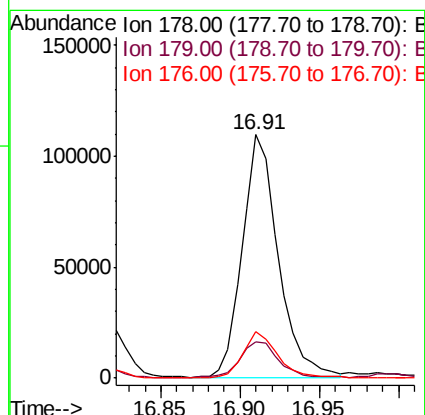
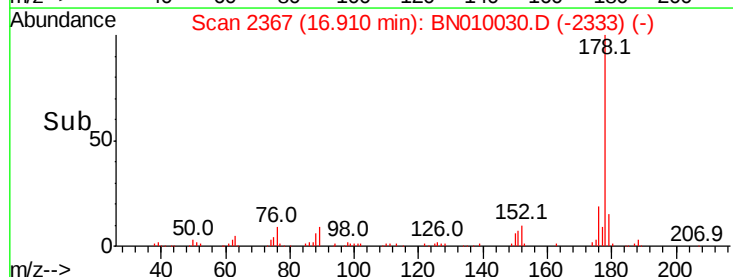
176 18.9 14.6 21.8

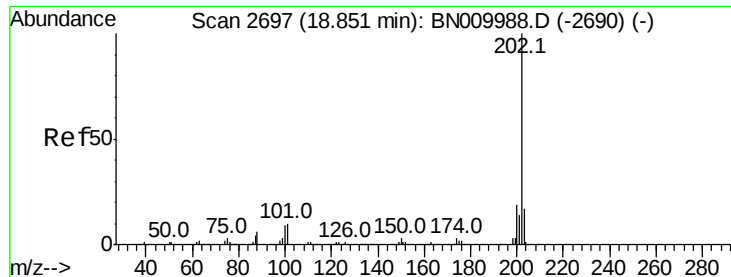


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

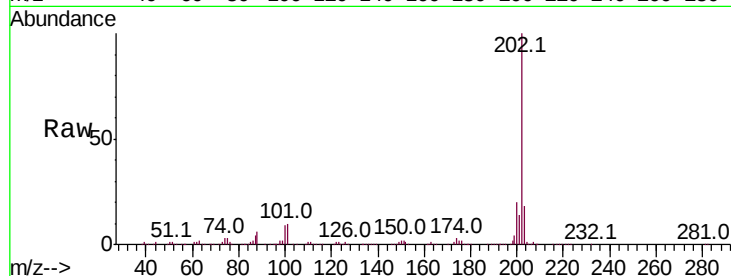




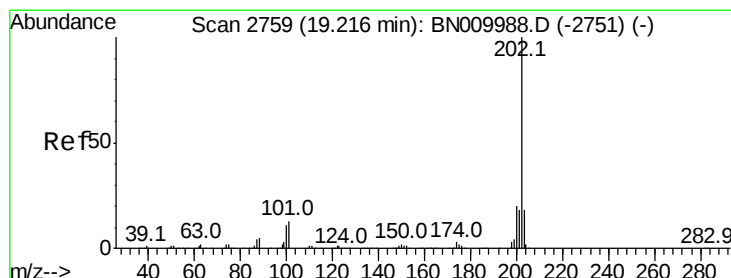
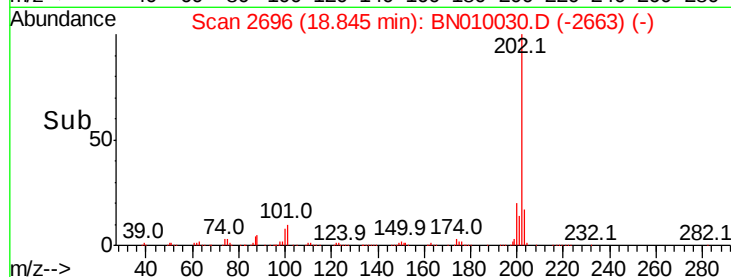
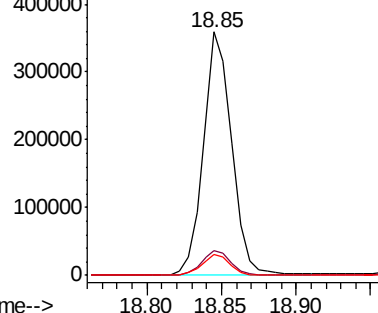
#77
Fluoranthene
Concen: 18.661 ng/ul
RT: 18.85 min Scan# 2696
Delta R.T. -0.01 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	9.4	14.2
100	8.5	7.2	10.8

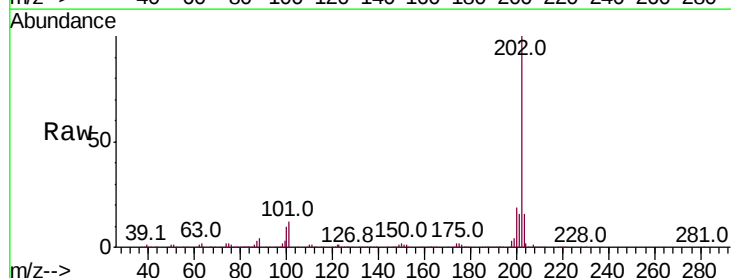


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

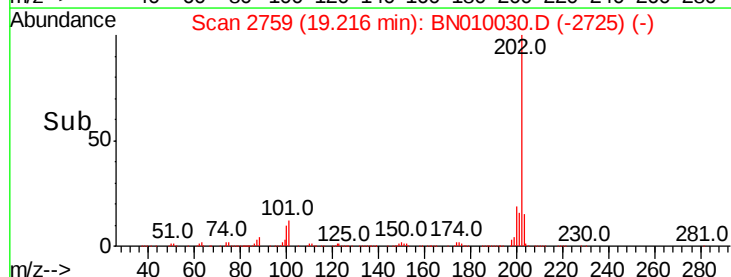
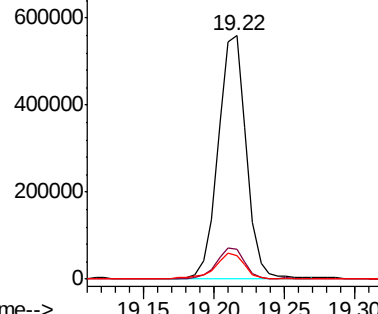


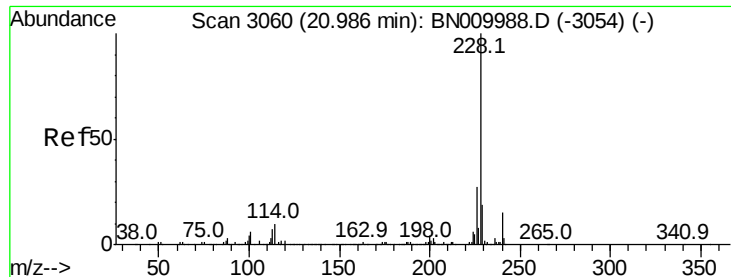
#80
Pyrene
Concen: 31.392 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. 0.00 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.3	16.9
100	9.7	9.0	13.6



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: 14.084 ng/ul

RT: 20.98 min Scan# 3059

Delta R.T. -0.01 min

Lab File: BN010030.D

Acq: 29 Feb 2020 18:24

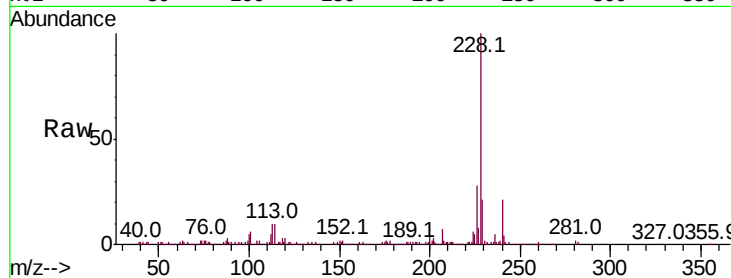
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 332806

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.0	22.4
226	27.7	21.4	32.2

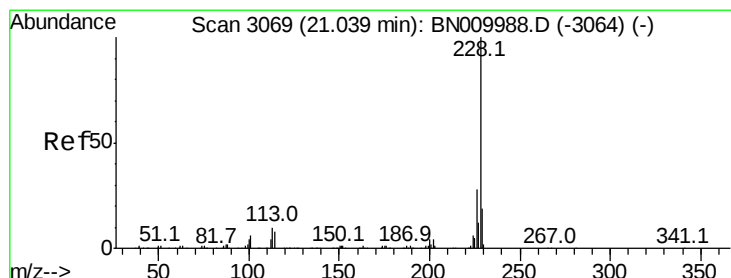
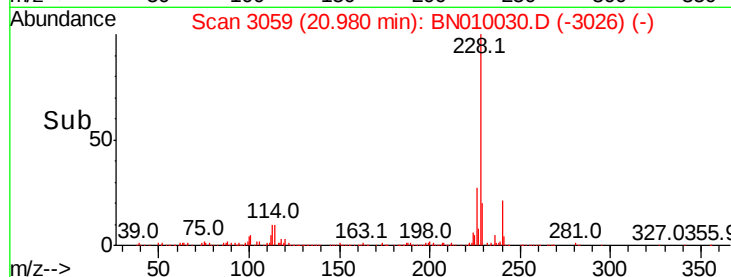
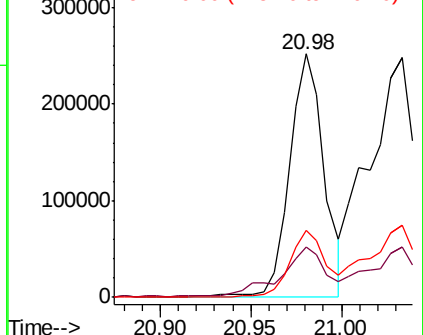


Abundance

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: 18.654 ng/ul

RT: 21.03 min Scan# 3068

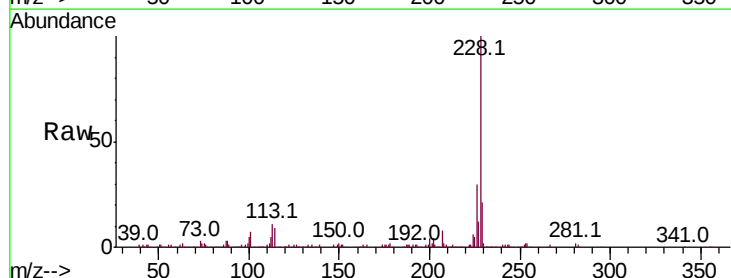
Delta R.T. -0.01 min

Lab File: BN010030.D

Acq: 29 Feb 2020 18:24

Tgt Ion:228 Resp: 433966

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	21.1	15.0	22.4

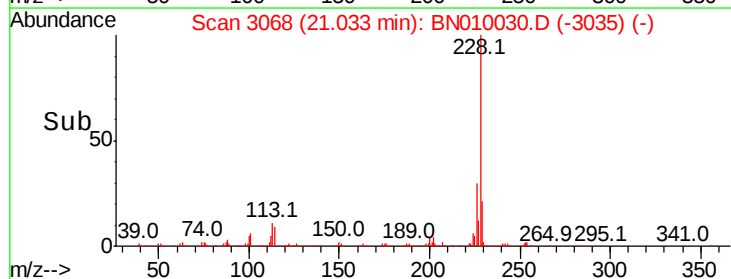
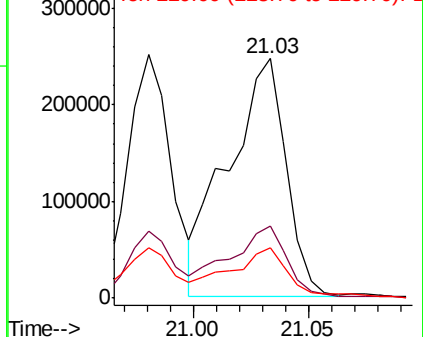


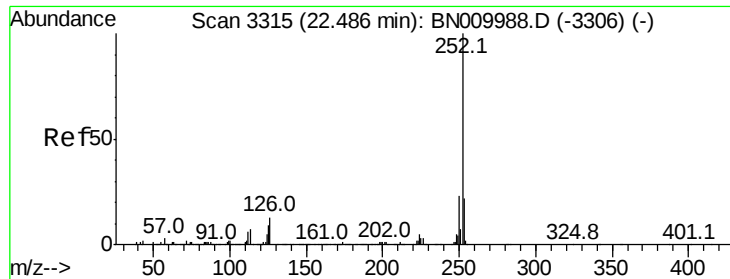
Abundance

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: 26.575 ng/ul

RT: 22.49 min Scan# 3315

Delta R.T. 0.00 min

Lab File: BN010030.D

Acq: 29 Feb 2020 18:24

Instrument :

BNA_N

ClientSampleId :

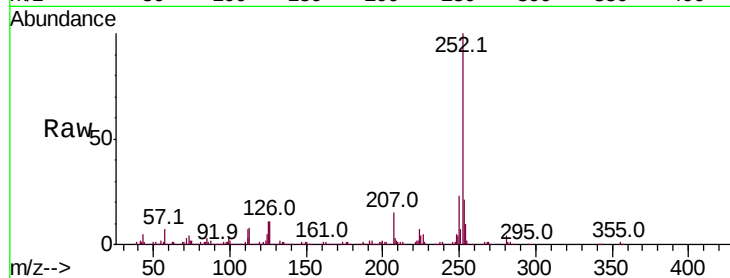
Tot Ion:252 Resp: 644752

Ion Ratio Lower Upper

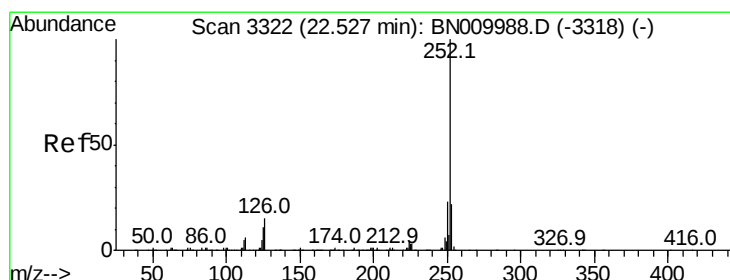
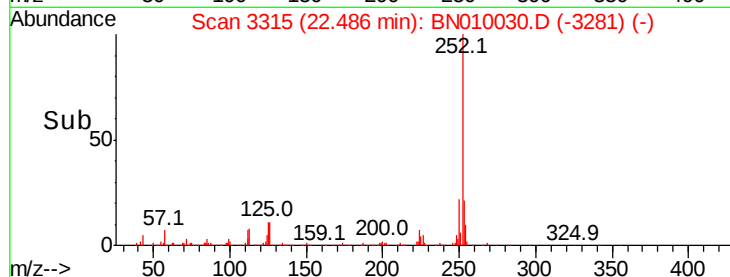
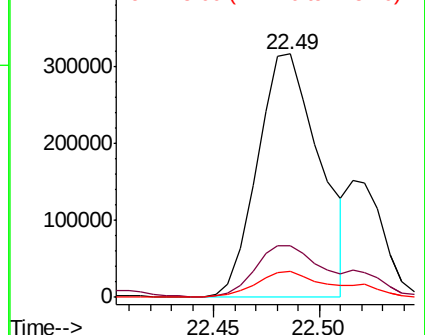
252 100

253 21.2 17.0 25.4

125 10.7 8.0 12.0



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



#89

Benzo(k)fluoranthene

Concen: 7.658 ng/ul

RT: 22.52 min Scan# 3320

Delta R.T. -0.01 min

Lab File: BN010030.D

Acq: 29 Feb 2020 18:24

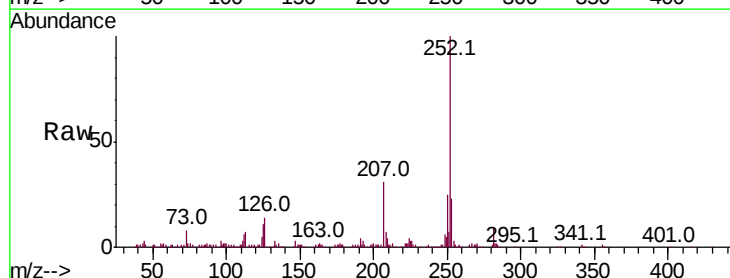
Tgt Ion:252 Resp: 175921

Ion Ratio Lower Upper

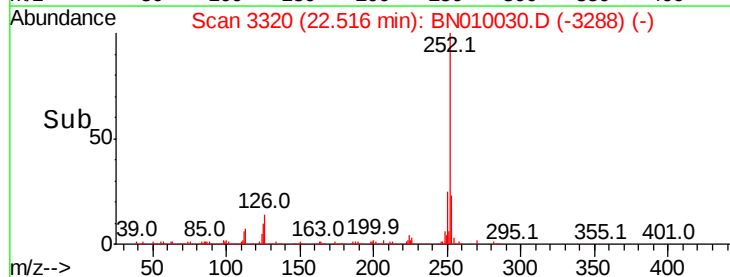
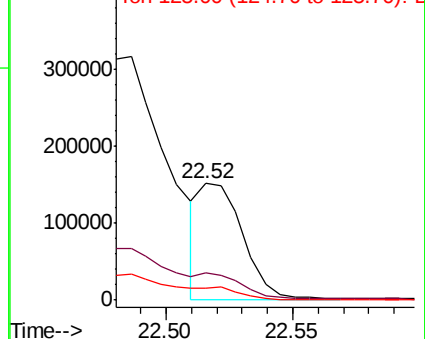
252 100

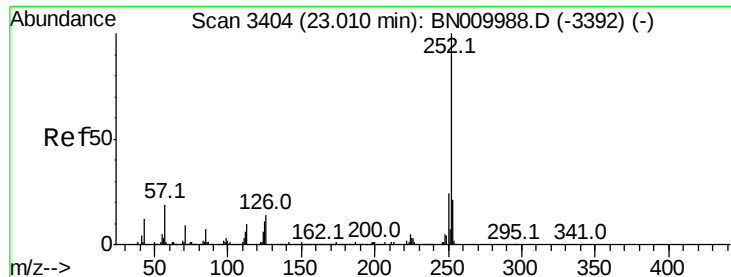
253 23.1 18.0 27.0

125 10.6 8.2 12.2



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

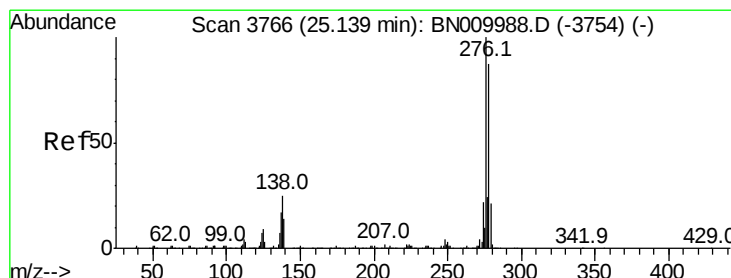
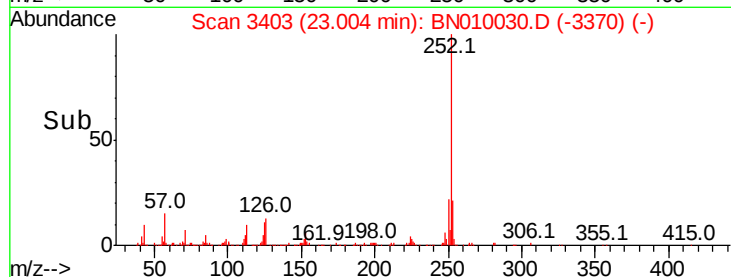
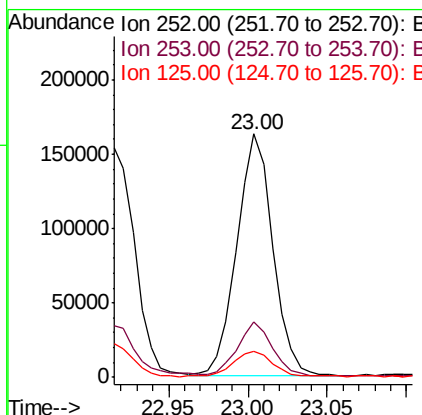
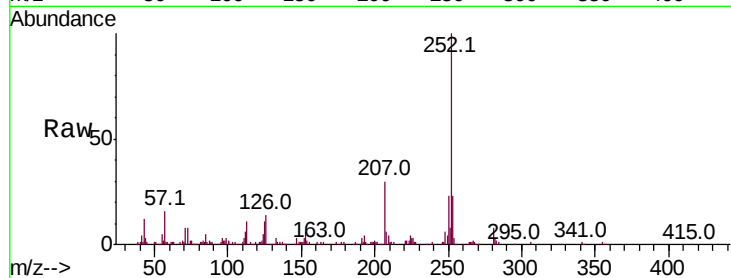




#91
Benzo(a)pyrene
Concen: 11.803 ng/ul
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

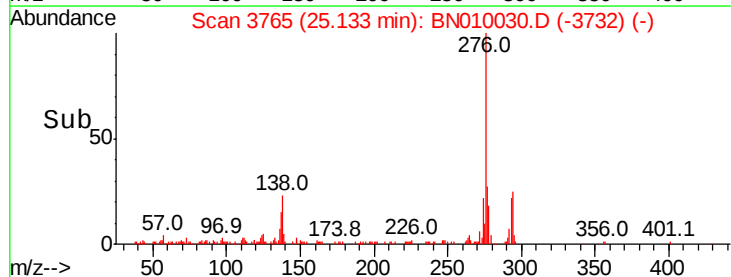
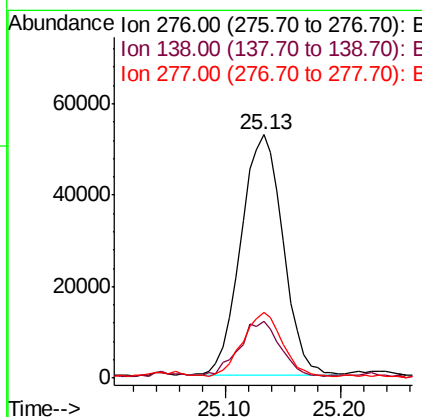
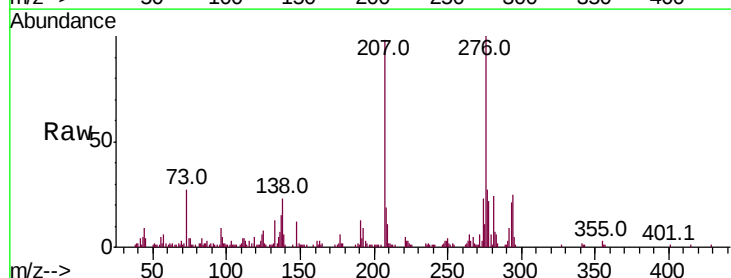
Instrument :
BNA_N
ClientSampleId :

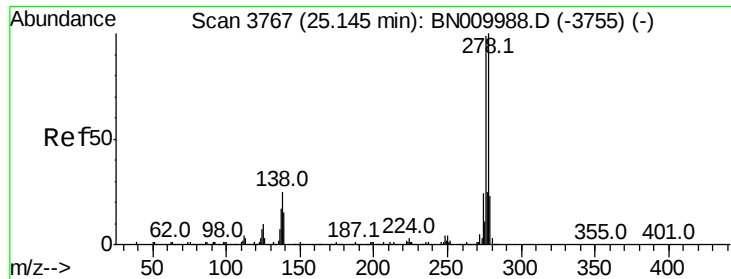
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	10.9	9.0	13.6



#92
Indeno(1,2,3-cd)pyrene
Concen: 5.146 ng/ul
RT: 25.13 min Scan# 3765
Delta R.T. -0.01 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	20.9	31.3
277	27.2	18.2	27.4





#93

Dibenzo(a,h)anthracene

Concen: 1.591 ng/ul

RT: 25.13 min Scan# 3764

Delta R.T. -0.02 min

Lab File: BN010030.D

Acq: 29 Feb 2020 18:24

Instrument :

BNA_N

ClientSampleId :

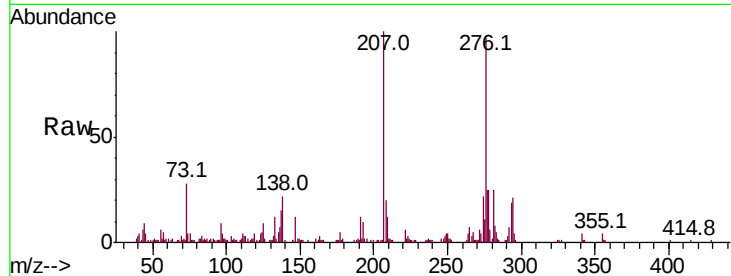
Tot Ion:278 Resp: 35271

Ion Ratio Lower Upper

278 100

139 0.0 13.0 19.4#

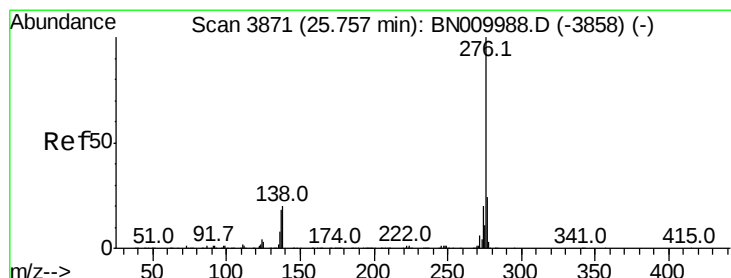
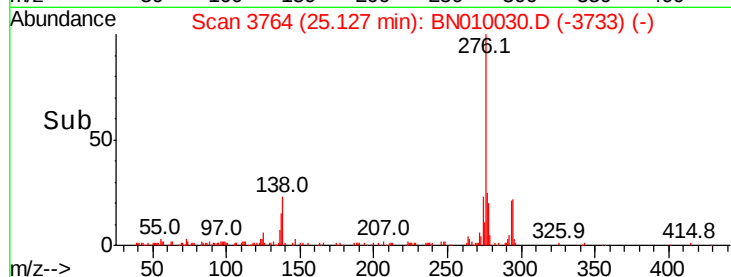
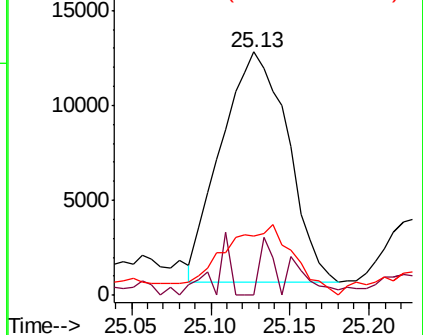
279 24.5 17.5 26.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 3.672 ng/ul

RT: 25.75 min Scan# 3870

Delta R.T. -0.01 min

Lab File: BN010030.D

Acq: 29 Feb 2020 18:24

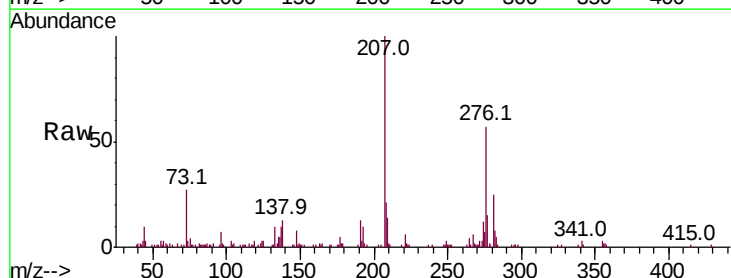
Tgt Ion:276 Resp: 79757

Ion Ratio Lower Upper

276 100

138 22.4 17.5 26.3

277 25.8 18.1 27.1



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

