

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
 Data File : BN002971.D
 Acq On : 05 Oct 2018 20:10
 Operator : MJ/SJ
 Sample : J5230-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

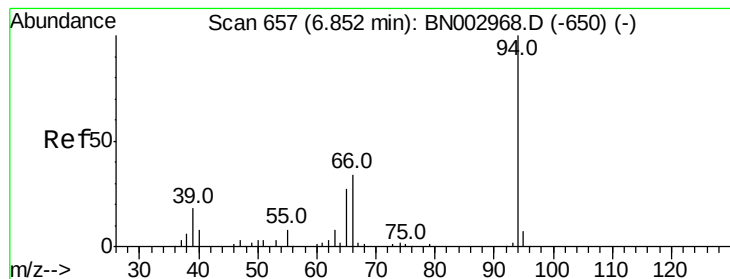
Quant Time: Oct 06 02:56:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 06 02:55:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	137935	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	645263	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	388387	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	862158	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	839272	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	646291	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	11253	3.76	ng/uL	0.00
5) Phenol-d5	6.82	99	269090	22.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	168656	23.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	225981	23.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	205611	22.66	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	118780	23.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	146462	25.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	245789	24.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	248007	20.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	770323	25.34	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	975475	24.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	97440	19.38	ng/ul	0.00
57) Fluorene-d10	15.26	176	672164	25.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	106559	19.76	ng/ul	0.00
70) Anthracene-d10	17.12	188	1001015	24.32	ng/ul	0.00
78) Pyrene-d10	19.42	212	1081475	24.42	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	848832	24.95	ng/ul	0.00

Target Compounds				Ovalue		
6) Phenol	6.85	94	54463	4.611	ng/ul	98
44) Dimethylphthalate	13.73	163	245709	8.281	ng/ul	99
47) Acenaphthylene	13.99	152	76036	2.039	ng/ul	98
69) Phenanthrene	17.06	178	130239	2.742	ng/ul	99
71) Anthracene	17.15	178	57956	1.203	ng/ul	99
75) Di-n-butylphthalate	17.99	149	158144	3.189	ng/ul	99
76) Fluoranthene	19.09	202	496279	9.794	ng/ul	99
79) Pyrene	19.45	202	448189	8.077	ng/ul	97
82) Benzo(a)anthracene	21.21	228	258832	4.957	ng/ul	96
84) Chrysene	21.26	228	322316	6.586	ng/ul	98
87) Benzo(b)fluoranthene	22.78	252	422698	10.709	ng/ul#	96
88) Benzo(k)fluoranthene	22.78	252	422698	11.479	ng/ul#	98
90) Benzo(a)pyrene	23.34	252	170949	4.581	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.64	276	130496	2.954	ng/ul	96
92) Dibenzo(a,h)anthracene	25.64	278	39368	1.058	ng/ul#	77
93) Benzo(g,h,i)perylene	26.32	276	105129	2.847	ng/ul	97

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



#6

Phenol

Concen: 4.611 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.00 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Instrument :

BNA_N

ClientSampleId :

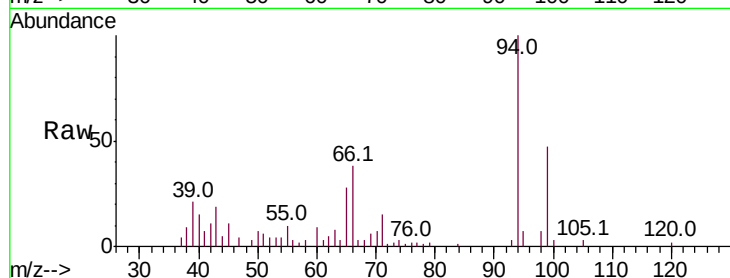
Tot Ion: 94 Resp: 54463

Ion Ratio Lower Upper

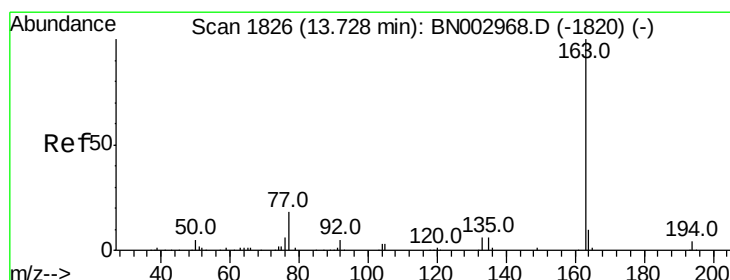
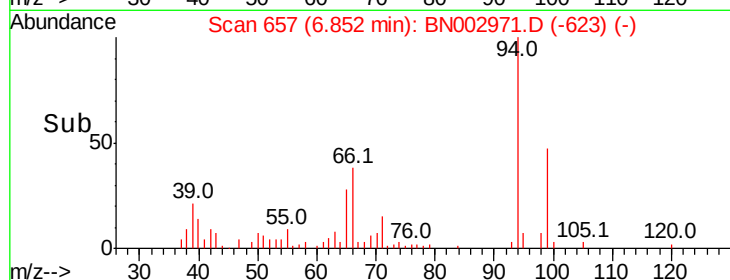
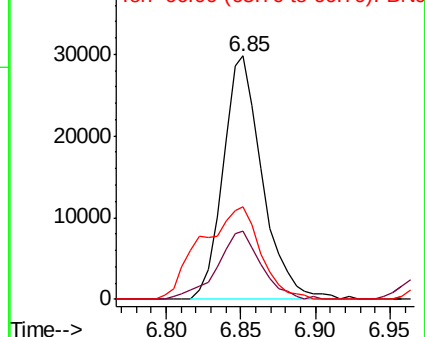
94 100

65 28.1 23.1 34.7

66 38.3 29.8 44.6



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0



#44

Dimethylphthalate

Concen: 8.281 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

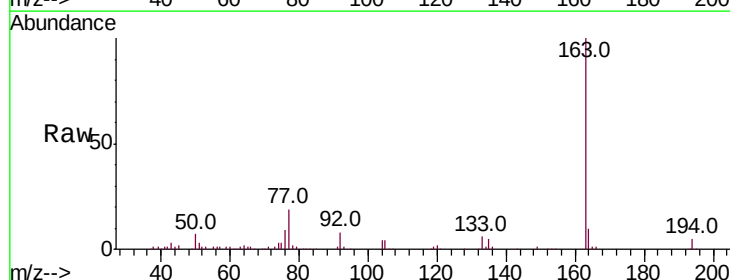
Tgt Ion:163 Resp: 245709

Ion Ratio Lower Upper

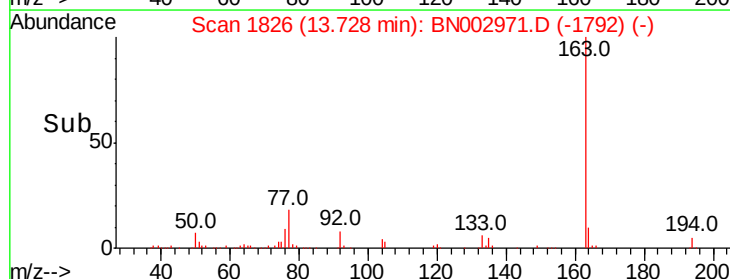
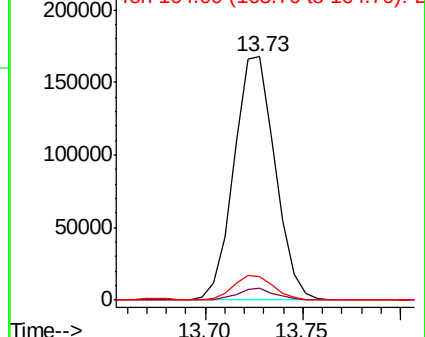
163 100

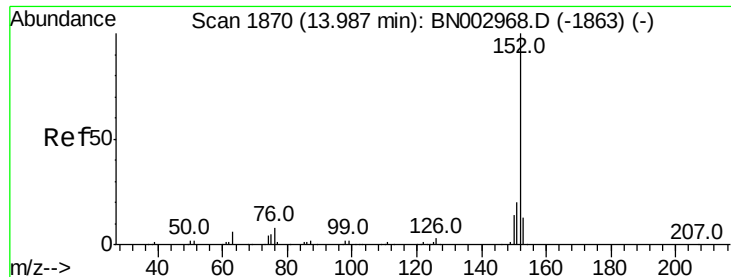
194 4.7 3.5 5.3

164 9.8 8.1 12.1



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





#47

Acenaphthylene

Concen: 2.039 ng/ul

RT: 13.99 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

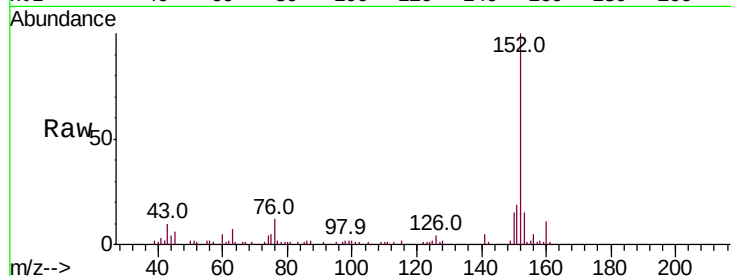
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 76036

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.0	24.0
153	14.8	10.6	16.0

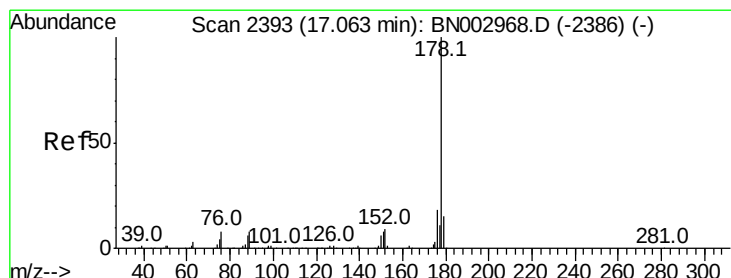
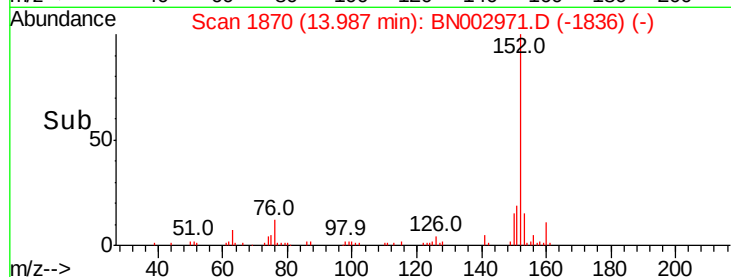
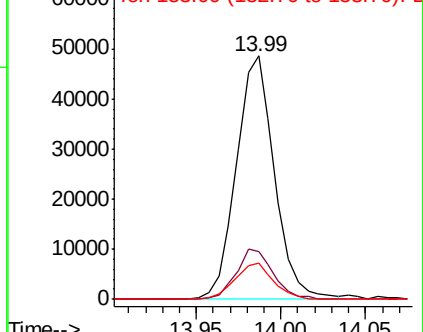


Abundance

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



#69

Phenanthrene

Concen: 2.742 ng/ul

RT: 17.06 min Scan# 2393

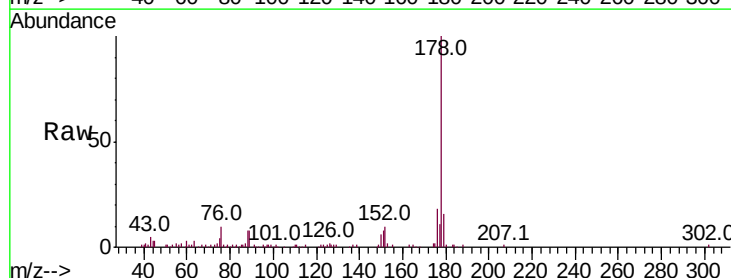
Delta R.T. 0.00 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Tgt Ion:178 Resp: 130239

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	18.5	15.0	22.6

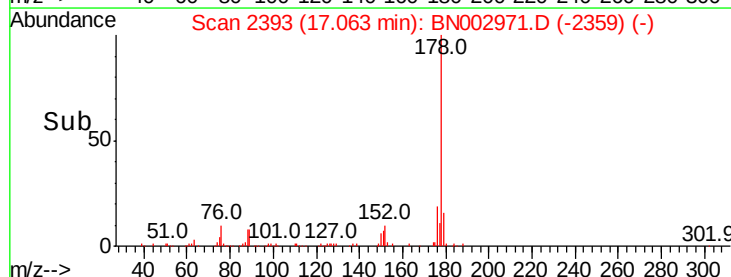
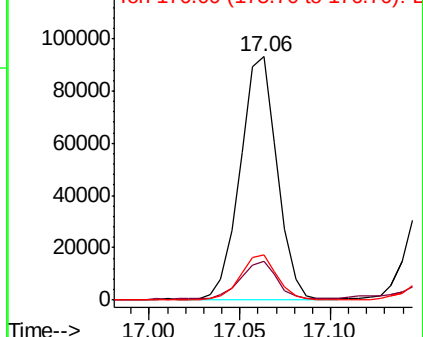


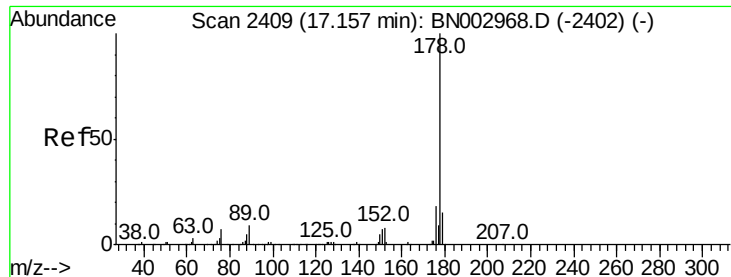
Abundance

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

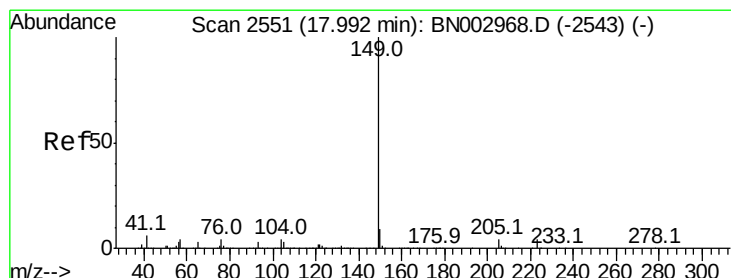
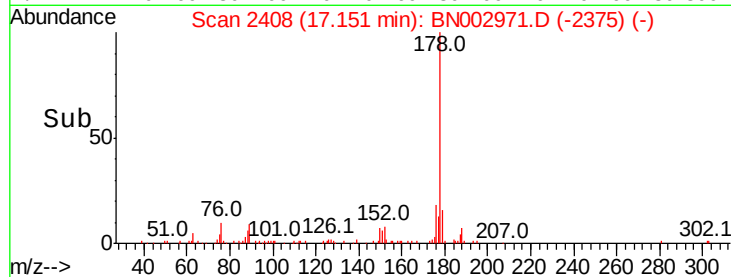
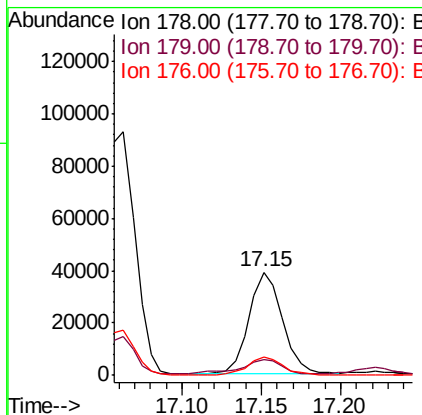
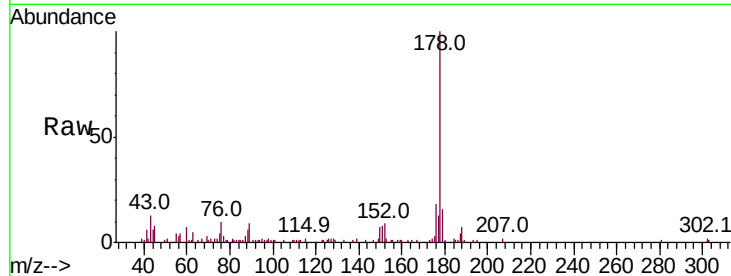




#71
 Anthracene
 Concen: 1.203 ng/ul
 RT: 17.15 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BN002971.D
 Acq: 05 Oct 2018 20:10

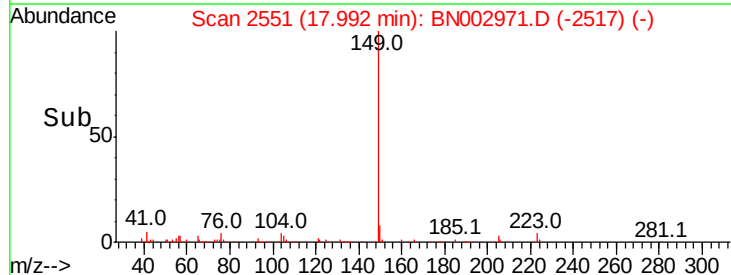
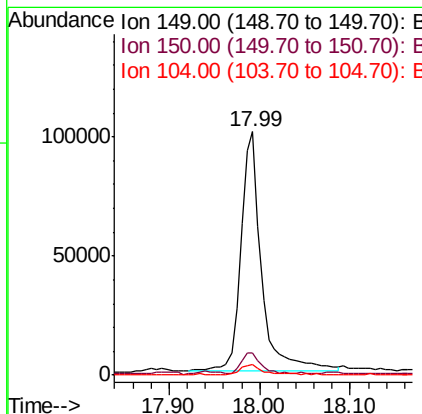
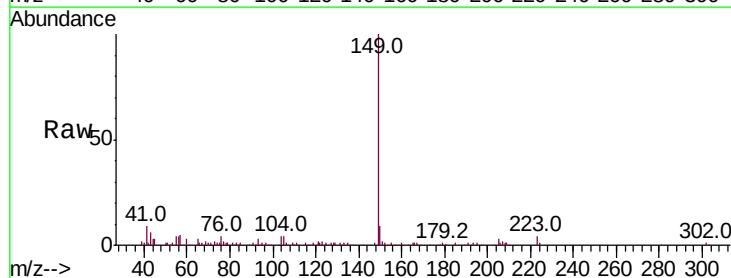
Instrument :
 BNA_N
 ClientSampleId :

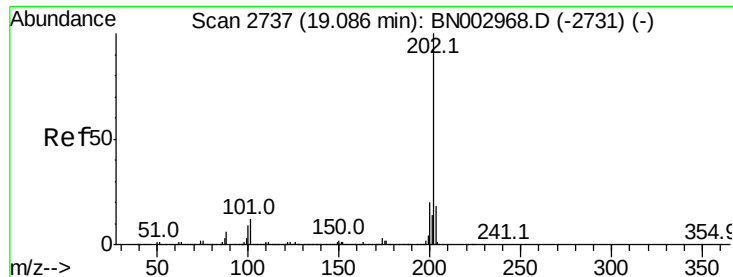
Tot Ion:178 Resp: 57956
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.0 18.0
 176 18.2 15.0 22.4



#75
 Di-n-butylphthalate
 Concen: 3.189 ng/ul
 RT: 17.99 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: BN002971.D
 Acq: 05 Oct 2018 20:10

Tgt Ion:149 Resp: 158144
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 4.2 3.7 5.5





#76

Fluoranthene

Concen: 9.794 ng/ul

RT: 19.09 min Scan# 2737

Delta R.T. 0.00 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Instrument :

BNA_N

ClientSampleId :

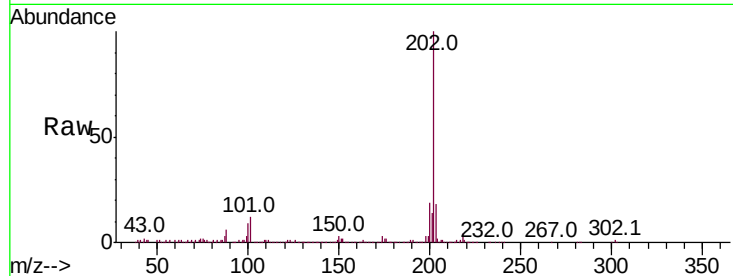
Tot Ion:202 Resp: 496279

Ion Ratio Lower Upper

202 100

101 11.6 9.4 14.2

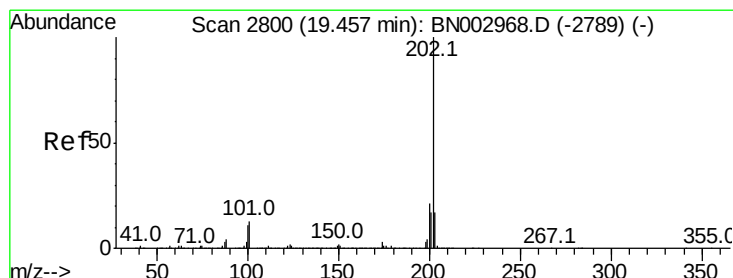
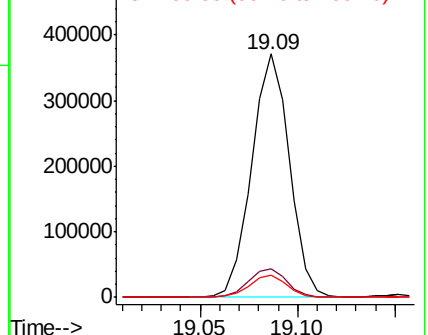
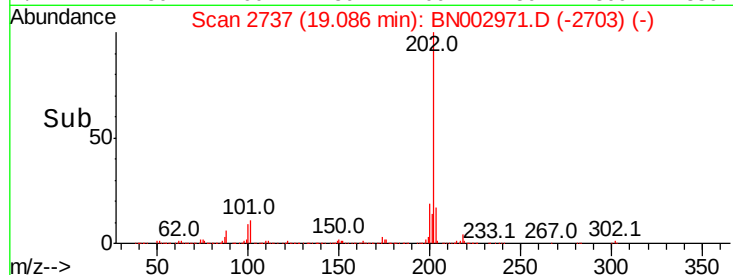
100 9.3 7.0 10.6



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



#79

Pyrene

Concen: 8.077 ng/ul

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

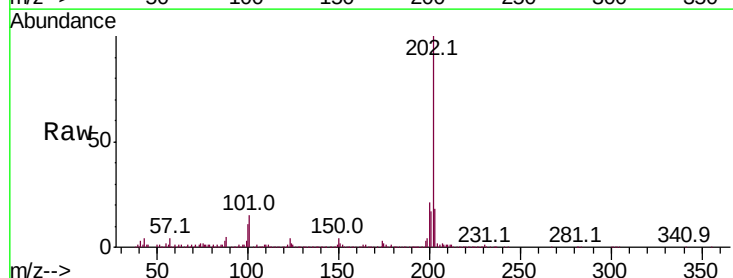
Tgt Ion:202 Resp: 448189

Ion Ratio Lower Upper

202 100

101 14.6 10.8 16.2

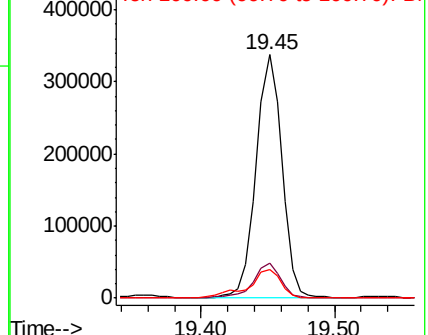
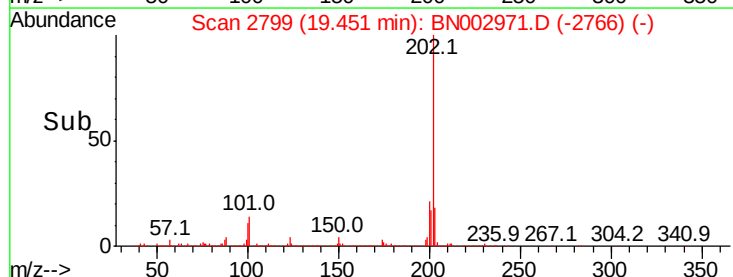
100 11.5 8.2 12.2

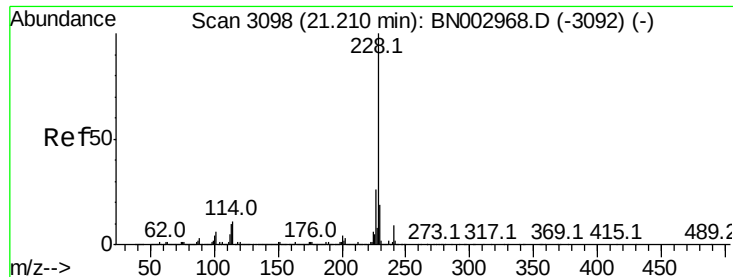


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 4.957 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Instrument :

BNA_N

ClientSampled :

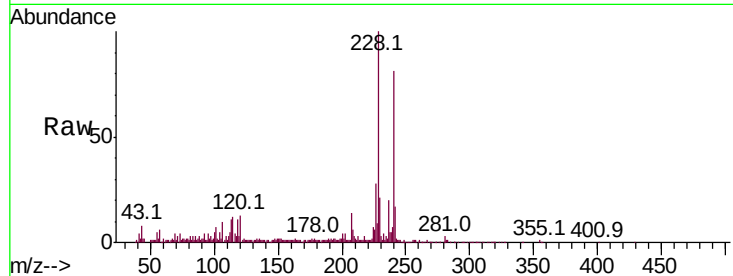
Tot Ion:228 Resp: 258832

Ion Ratio Lower Upper

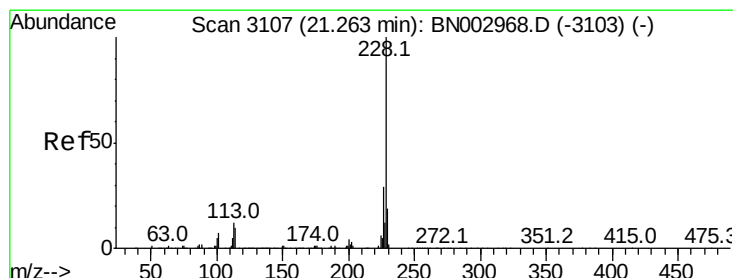
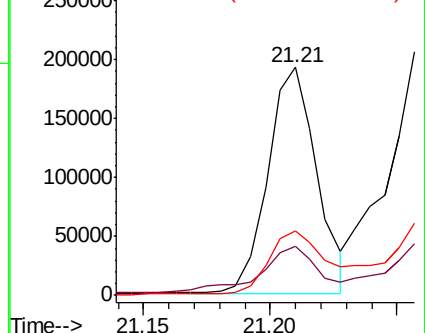
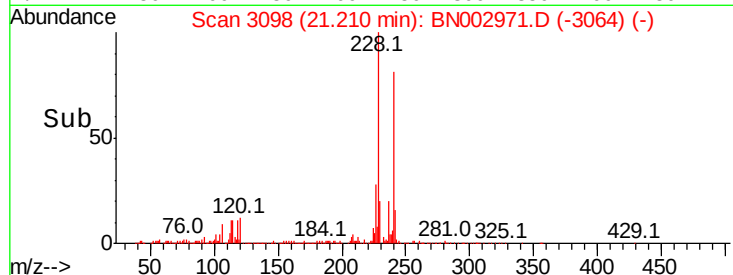
228 100

229 21.4 15.8 23.6

226 28.2 20.9 31.3



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

Chrysene

Concen: 6.586 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

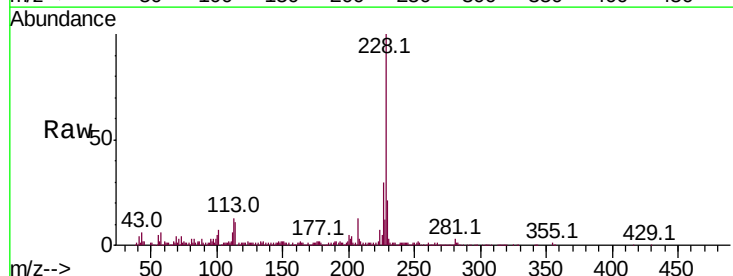
Tgt Ion:228 Resp: 322316

Ion Ratio Lower Upper

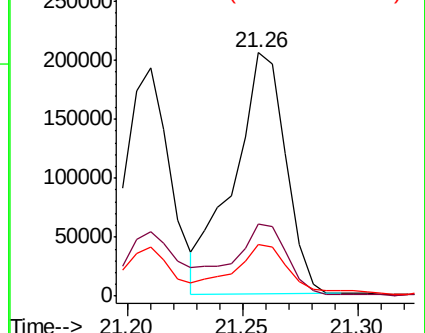
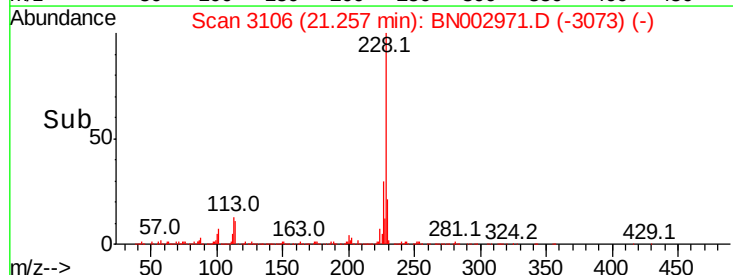
228 100

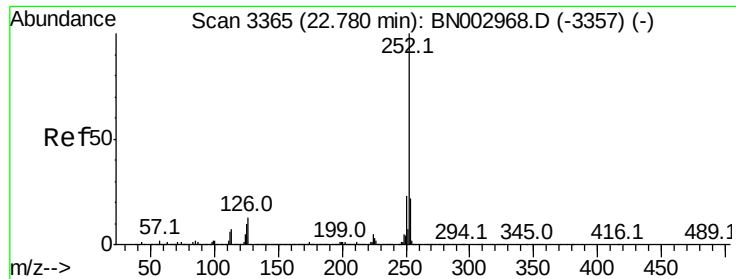
226 29.9 23.4 35.0

229 21.3 15.7 23.5



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





#87

Benzo(b)fluoranthene

Concen: 10.709 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.00 min

Lab File: BN002971.D

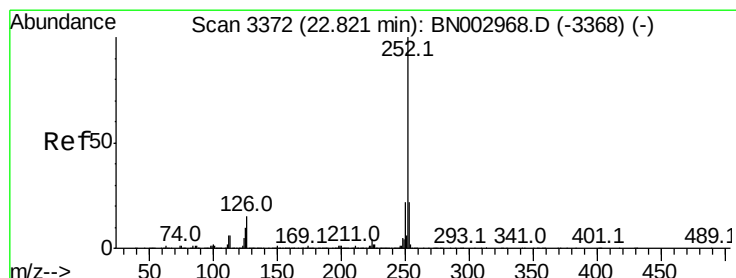
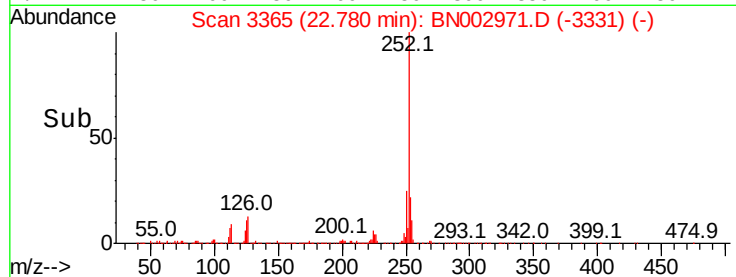
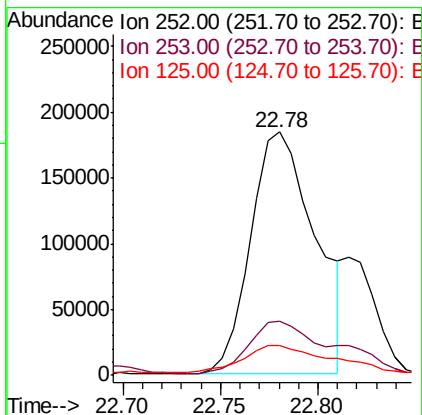
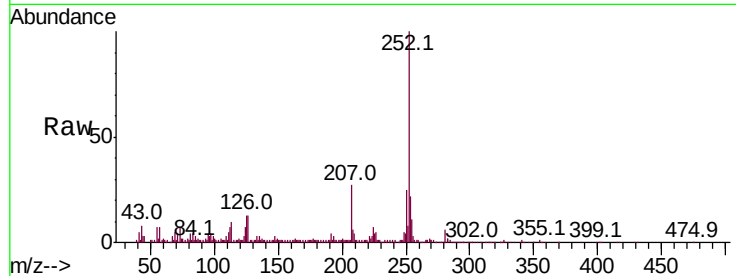
Acq: 05 Oct 2018 20:10

Instrument :

BNA_N

ClientSampled :

Tot Ion:252	Resp:	422698
Ion Ratio	Lower	Upper
252	100	
253	22.1	17.0 25.4
125	12.5	8.0 12.0#



#88

Benzo(k)fluoranthene

Concen: 11.479 ng/ul

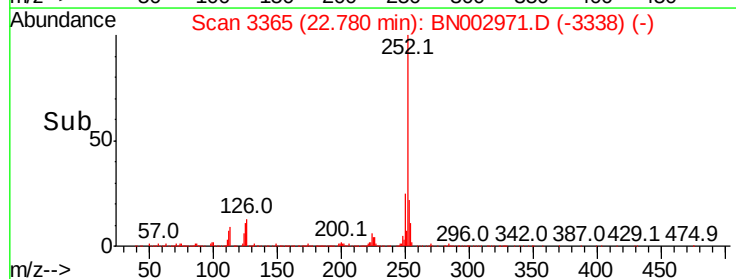
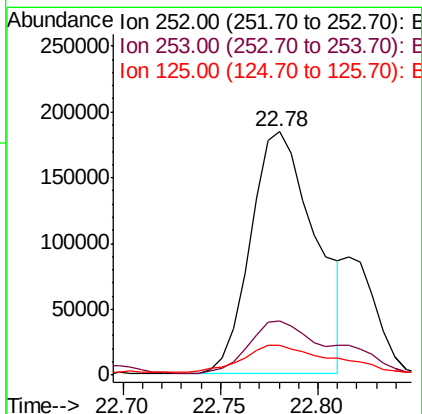
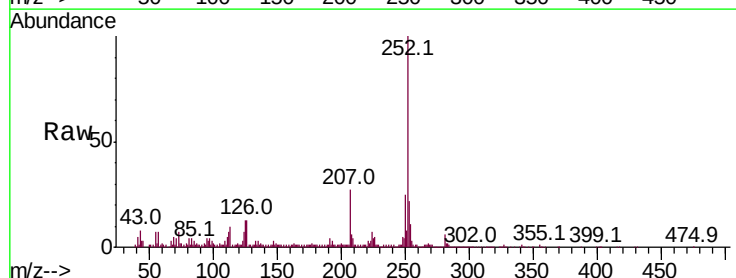
RT: 22.78 min Scan# 3365

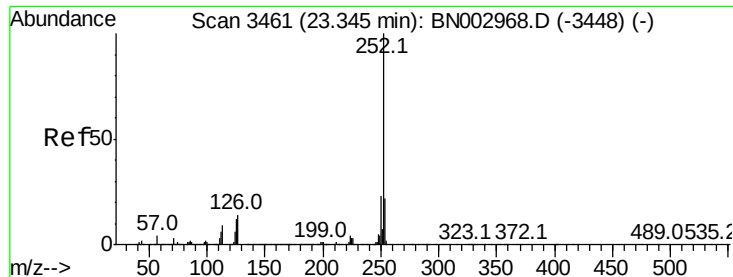
Delta R.T. -0.04 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Tgt Ion:252	Resp:	422698
Ion Ratio	Lower	Upper
252	100	
253	22.1	17.8 26.8
125	12.5	8.3 12.5#





#90

Benzo(a)pyrene

Concen: 4.581 ng/ul

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Instrument :

BNA_N

ClientSampleId :

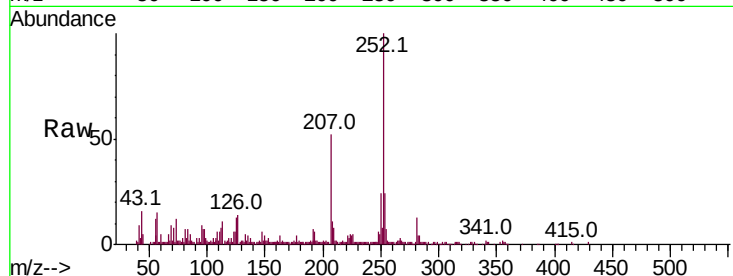
Tot Ion:252 Resp: 170949

Ion Ratio Lower Upper

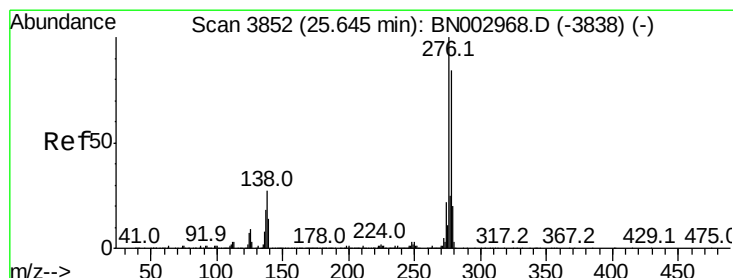
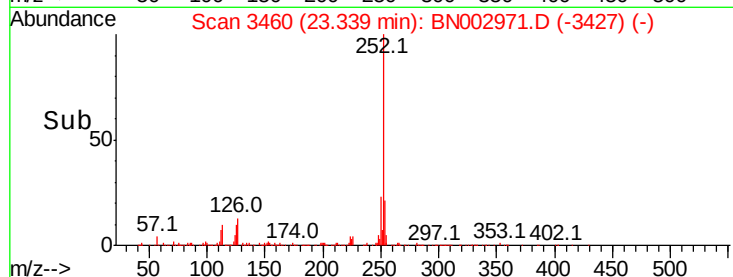
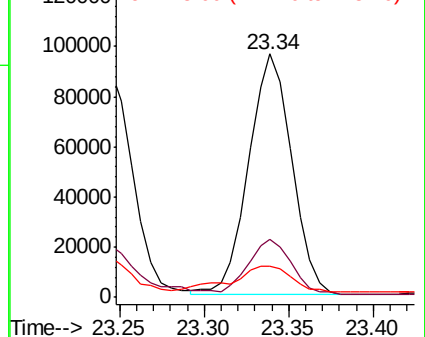
252 100

253 23.6 17.6 26.4

125 12.8 8.8 13.2



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

Indeno(1,2,3-cd)pyrene

Concen: 2.954 ng/ul

RT: 25.64 min Scan# 3851

Delta R.T. -0.01 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

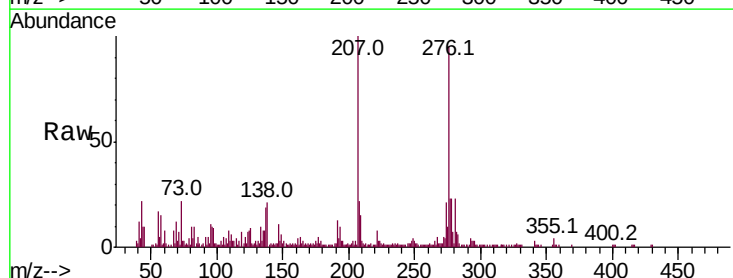
Tgt Ion:276 Resp: 130496

Ion Ratio Lower Upper

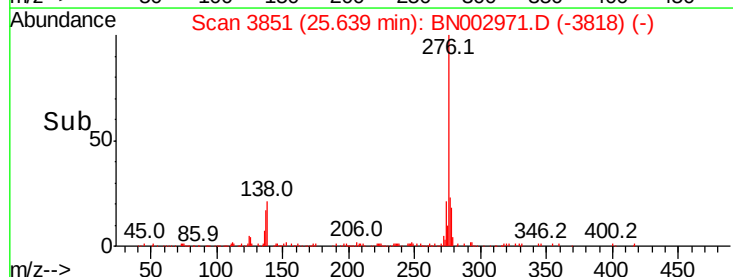
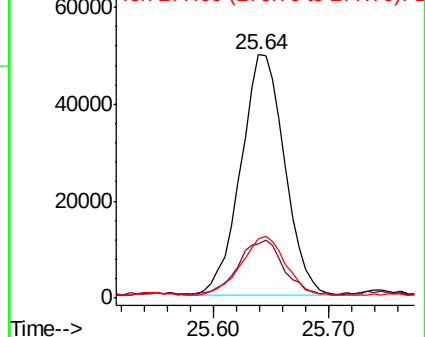
276 100

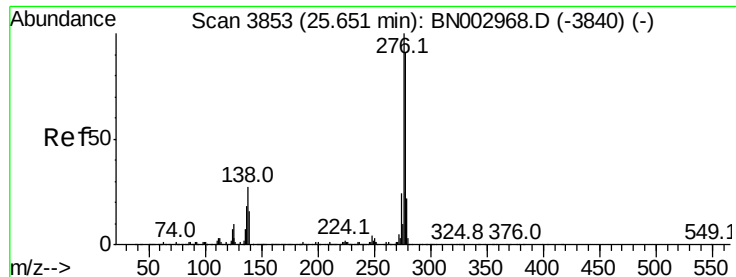
138 22.4 20.2 30.4

277 24.2 20.0 30.0



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





#92

Dibenzo(a,h)anthracene

Concen: 1.058 ng/ul

RT: 25.64 min Scan# 3851

Delta R.T. -0.01 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Instrument :

BNA_N

ClientSampleId :

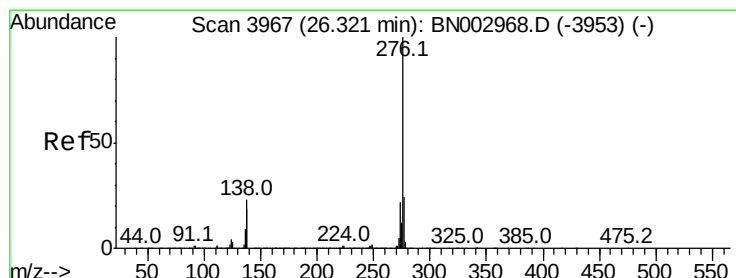
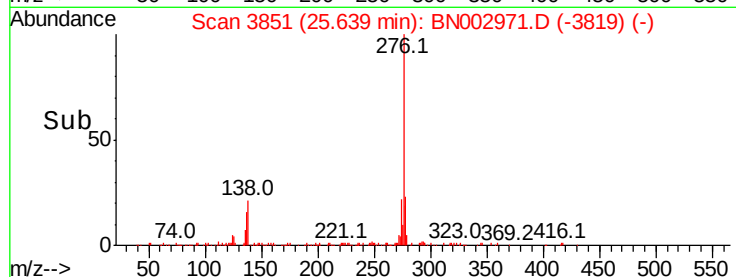
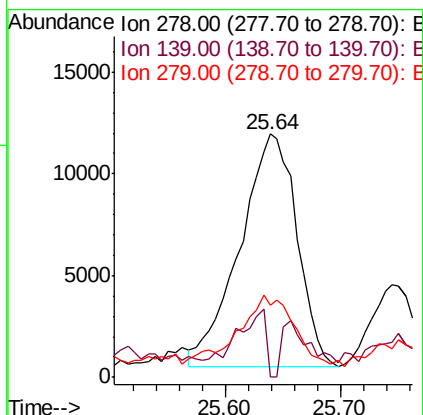
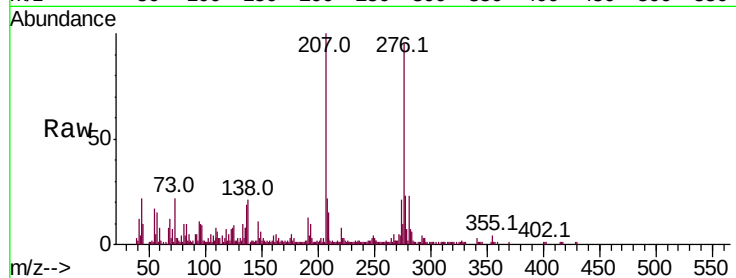
Tot Ion:278 Resp: 39368

Ion Ratio Lower Upper

278 100

139 0.0 12.7 19.1#

279 29.6 18.7 28.1#



#93

Benzo(g,h,i)perylene

Concen: 2.847 ng/ul

RT: 26.32 min Scan# 3967

Delta R.T. 0.00 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Tgt Ion:276 Resp: 105129

Ion Ratio Lower Upper

276 100

138 25.0 18.2 27.2

277 23.6 18.6 28.0

