

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
 Data File : BN002974.D
 Acq On : 05 Oct 2018 21:55
 Operator : MJ/SJ
 Sample : J5230-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 06 02:56:57 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	128863	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	603266	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	364202	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	807516	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	813559	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	678164	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8783	3.14	ng/uL	0.00
5) Phenol-d5	6.82	99	221189	20.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	132868	19.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	181754	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	175587	20.72	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	94044	20.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	112360	21.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	194737	20.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	211059	19.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	623444	21.87	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	780206	20.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	96207	20.41	ng/ul	0.00
57) Fluorene-d10	15.26	176	553545	22.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	93784	18.57	ng/ul	0.00
70) Anthracene-d10	17.12	188	861236	22.34	ng/ul	0.00
78) Pyrene-d10	19.42	212	944974	22.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	817386	22.90	ng/ul	0.00

Target Compounds

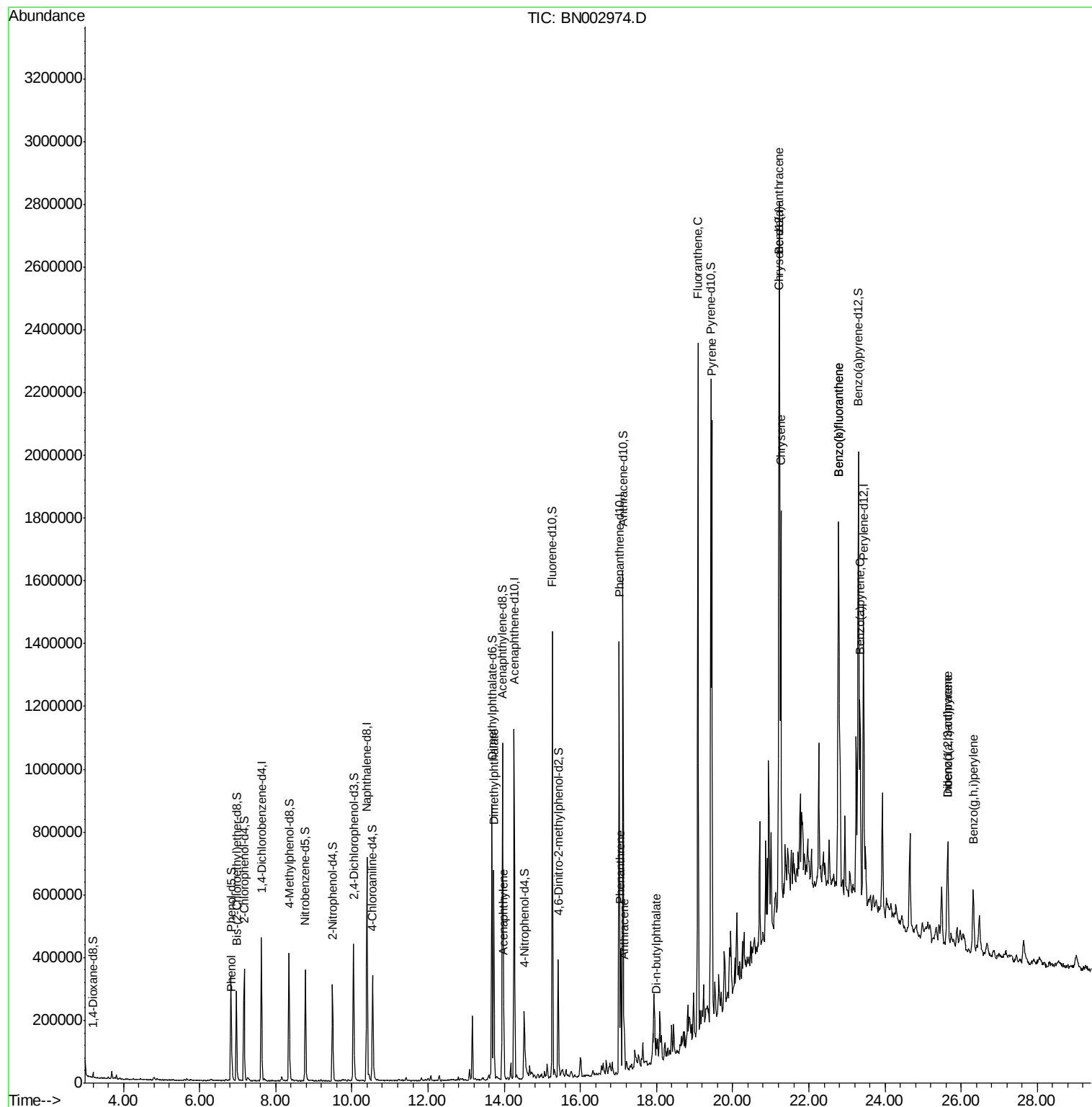
					Ovalue	
6) Phenol	6.85	94	16582	1.503	ng/ul	94
44) Dimethylphthalate	13.73	163	447513	16.084	ng/ul	100
47) Acenaphthylene	13.99	152	174472	4.989	ng/ul	99
69) Phenanthrene	17.06	178	239726	5.388	ng/ul	99
71) Anthracene	17.15	178	138754	3.076	ng/ul	100
75) Di-n-butylphthalate	17.99	149	63012	1.357	ng/ul	99
76) Fluoranthene	19.09	202	1233658	25.993	ng/ul	99
79) Pyrene	19.45	202	1100838	20.465	ng/ul	98
82) Benzo(a)anthracene	21.21	228	611466	12.082	ng/ul	97
84) Chrysene	21.26	228	722109	15.222	ng/ul	99
87) Benzo(b)fluoranthene	22.78	252	949104	22.916	ng/ul	97
88) Benzo(k)fluoranthene	22.78	252	949104	24.563	ng/ul	99
90) Benzo(a)pyrene	23.34	252	421931	10.776	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.64	276	282655	6.098	ng/ul	96
92) Dibenzo(a,h)anthracene	25.64	278	88887	2.276	ng/ul#	85
93) Benzo(g,h,i)perylene	26.32	276	227957	5.883	ng/ul	99

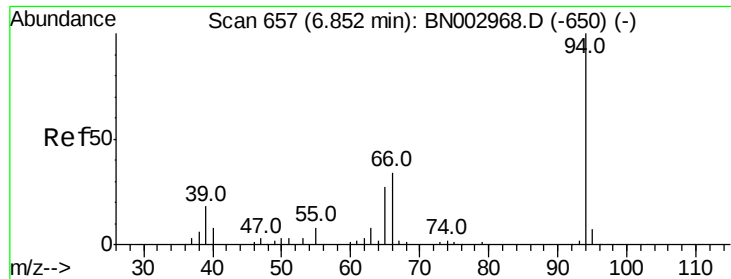
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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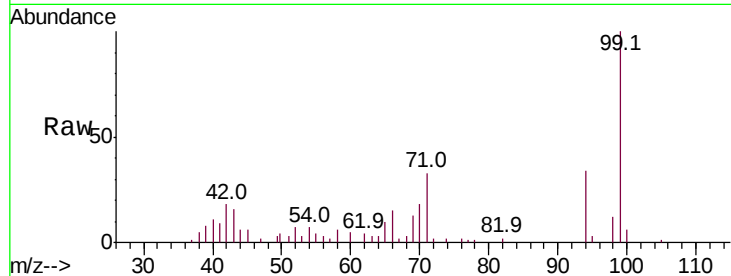
#6

Phenol

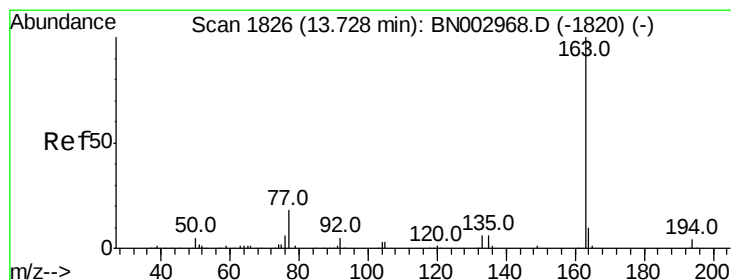
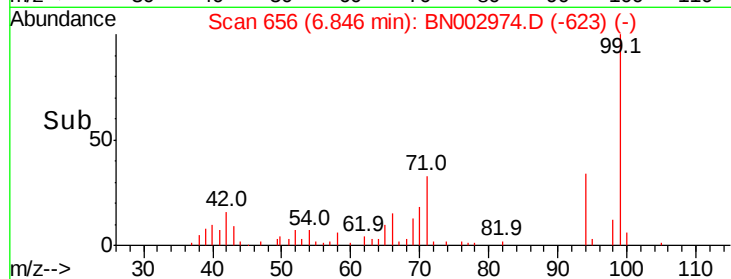
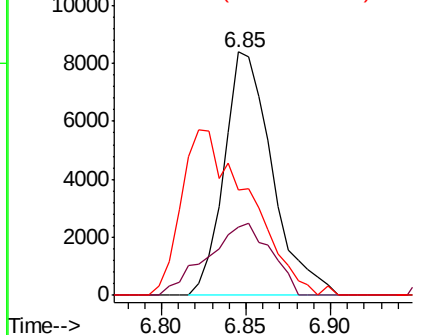
Concen: 1.503 ng/ul
 RT: 6.85 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BN002974.D
 Acq: 05 Oct 2018 21:55

Instrument :
 BNA_N
 ClientSampled :

Tot Ion: 94 Resp: 16582
 Ion Ratio Lower Upper
 94 100
 65 28.1 23.1 34.7
 66 43.2 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

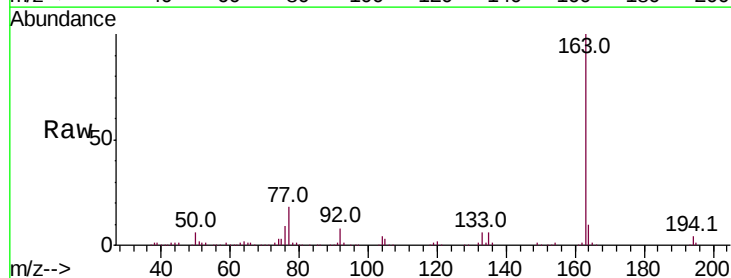


#44

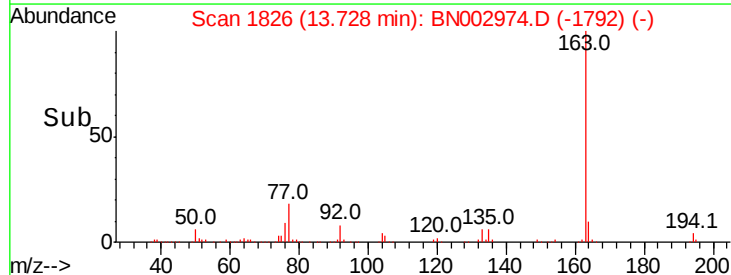
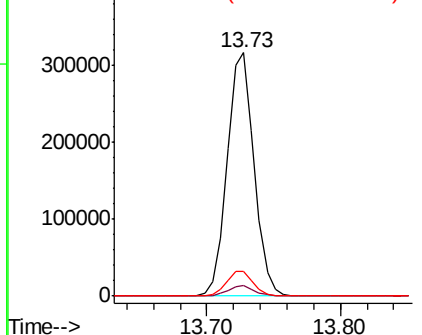
Dimethylphthalate

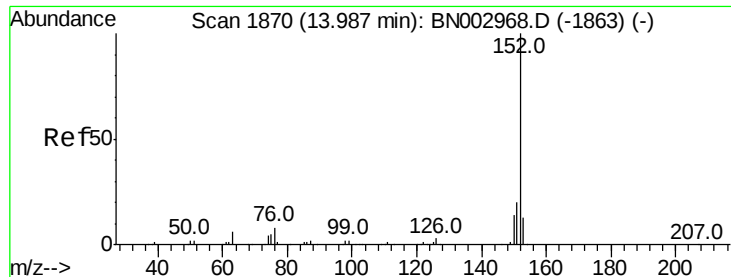
Concen: 16.084 ng/ul
 RT: 13.73 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BN002974.D
 Acq: 05 Oct 2018 21:55

Tgt Ion:163 Resp: 447513
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.5 5.3
 164 10.1 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: 4.989 ng/ul

RT: 13.99 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

Instrument :

BNA_N

ClientSampled :

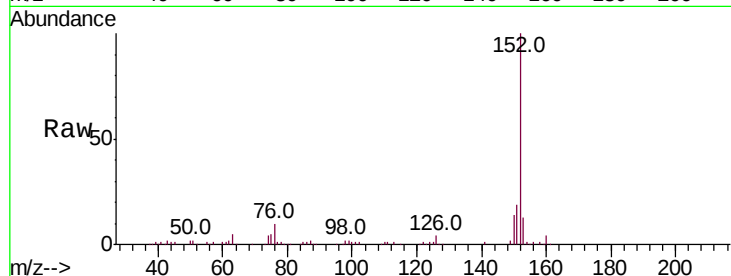
Tot Ion:152 Resp: 174472

Ion Ratio Lower Upper

152 100

151 19.4 16.0 24.0

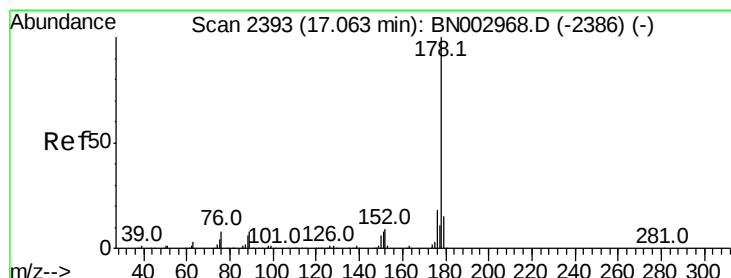
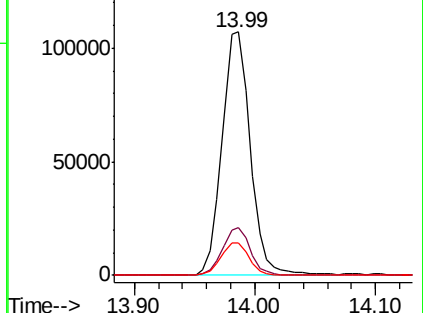
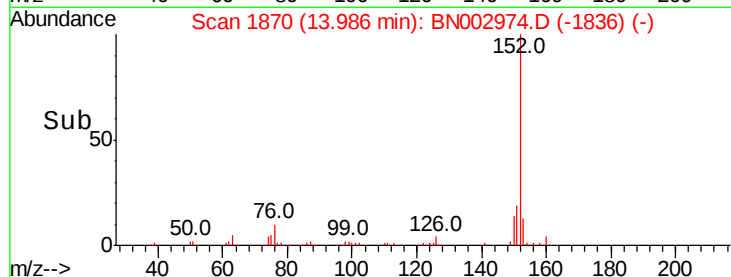
153 13.4 10.6 16.0



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: 5.388 ng/ul

RT: 17.06 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

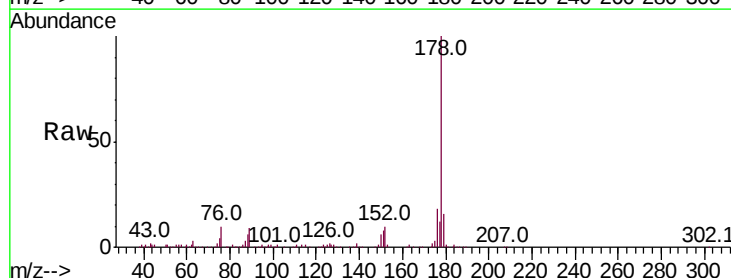
Tgt Ion:178 Resp: 239726

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.4

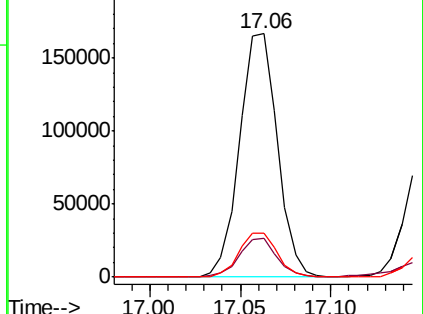
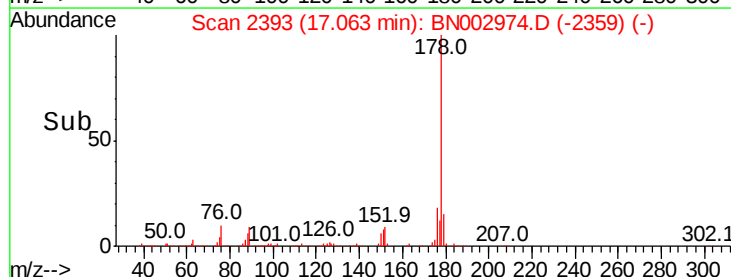
176 18.2 15.0 22.6

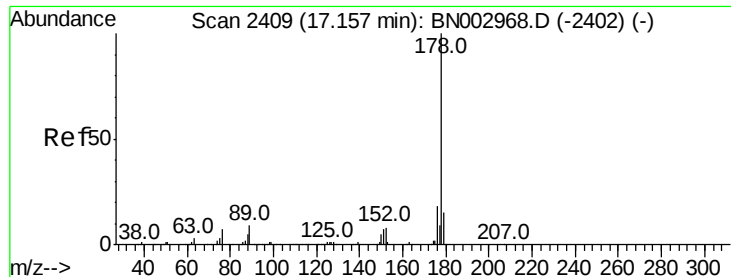


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 3.076 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

Instrument :

BNA_N

ClientSampleId :

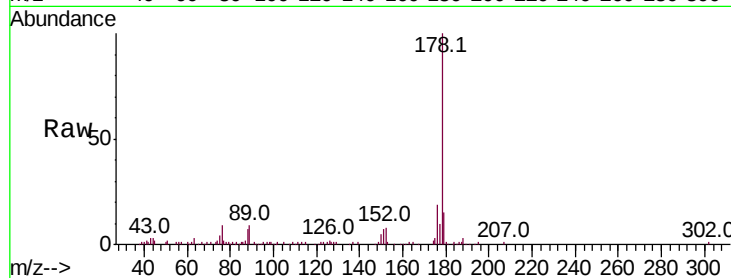
Tot Ion:178 Resp: 138754

Ion Ratio Lower Upper

178 100

179 15.2 12.0 18.0

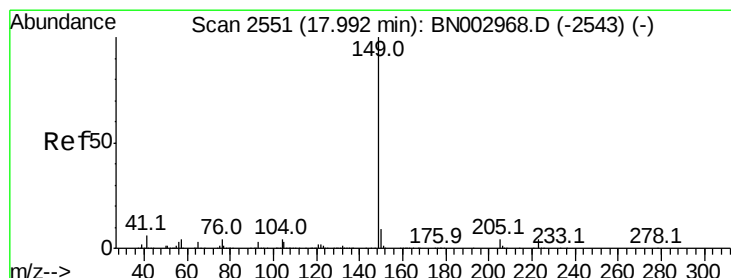
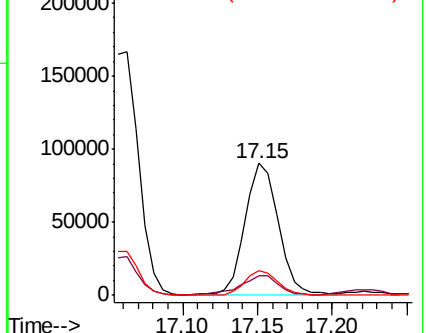
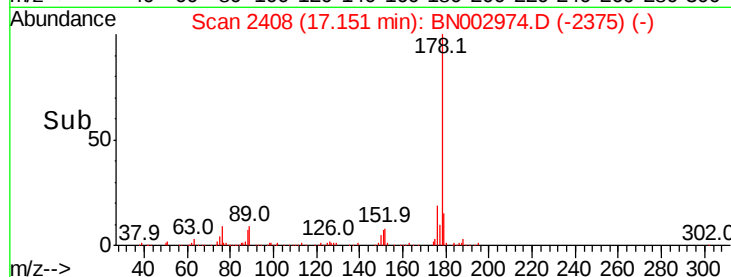
176 18.8 15.0 22.4



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



#75

Di-n-butylphthalate

Concen: 1.357 ng/ul

RT: 17.99 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

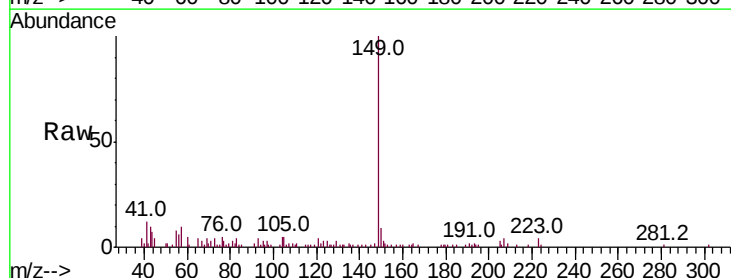
Tgt Ion:149 Resp: 63012

Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

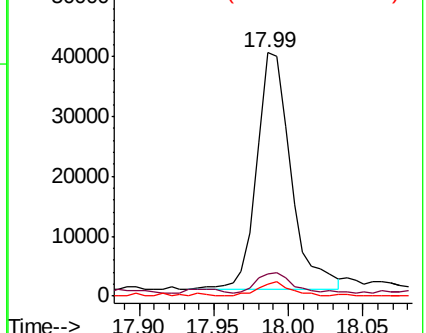
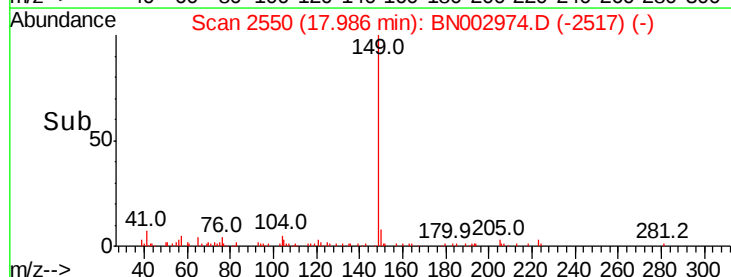
104 5.1 3.7 5.5

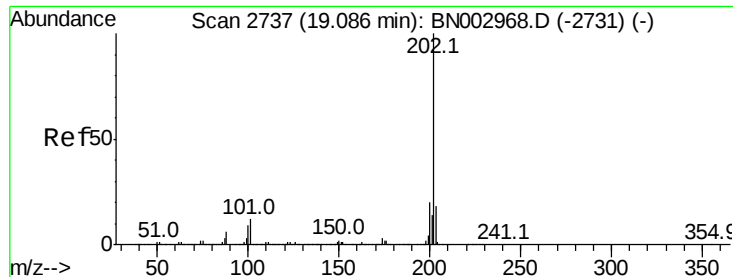


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

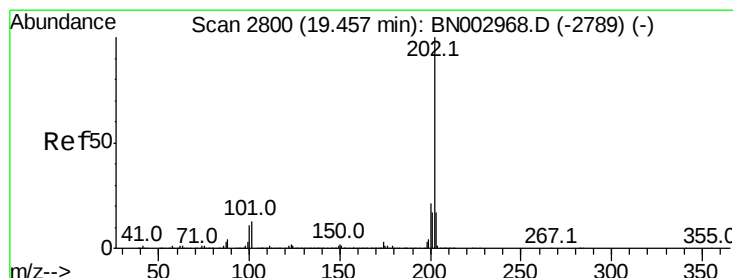
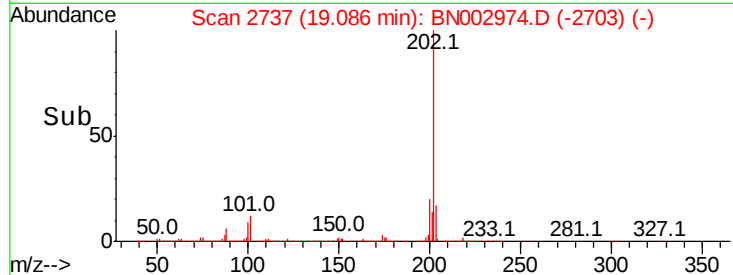
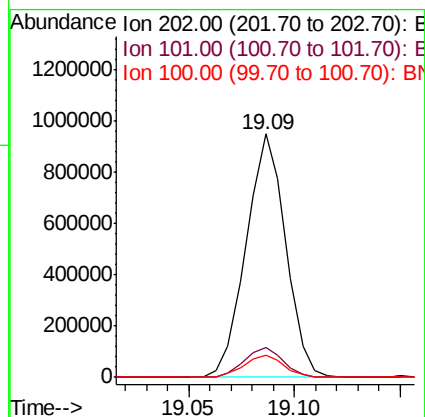
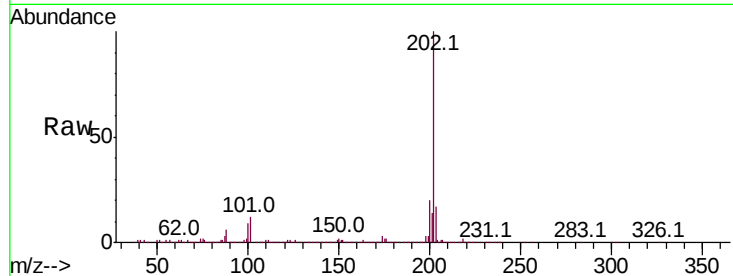




#76
Fluoranthene
Concen: 25.993 ng/ul
RT: 19.09 min Scan# 2737
Delta R.T. -0.00 min
Lab File: BN002974.D
Acq: 05 Oct 2018 21:55

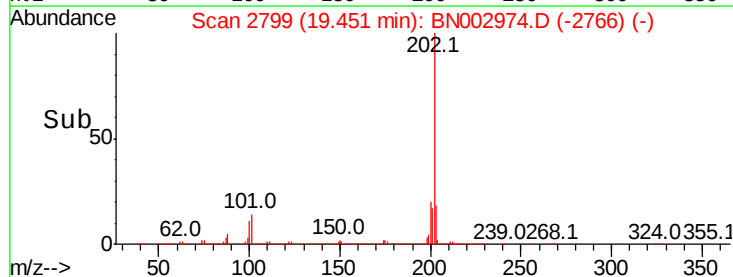
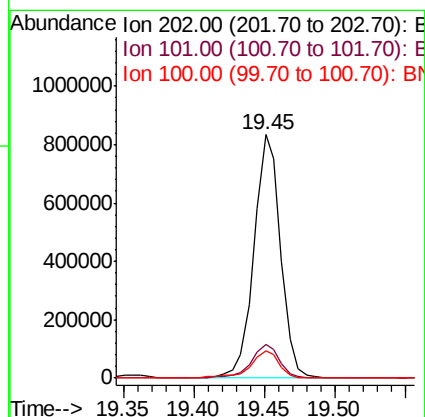
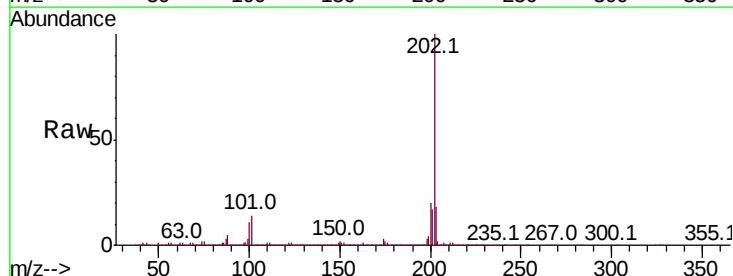
Instrument :
BNA_N
ClientSampleId :

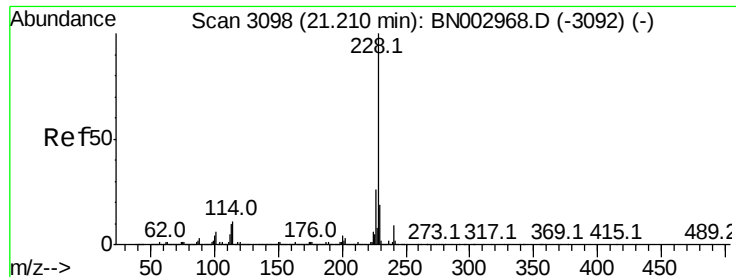
Tot Ion:202 Resp: 1233658
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.2
100 9.0 7.0 10.6



#79
Pyrene
Concen: 20.465 ng/ul
RT: 19.45 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BN002974.D
Acq: 05 Oct 2018 21:55

Tgt Ion:202 Resp: 1100838
Ion Ratio Lower Upper
202 100
101 13.9 10.8 16.2
100 11.3 8.2 12.2





#82

Benzo(a)anthracene

Concen: 12.082 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

Instrument :

BNA_N

ClientSampleId :

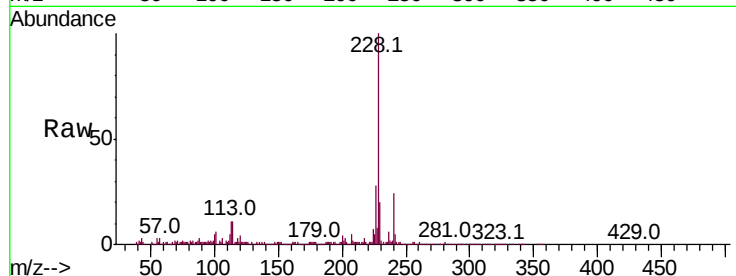
Tot Ion:228 Resp: 611466

Ion Ratio Lower Upper

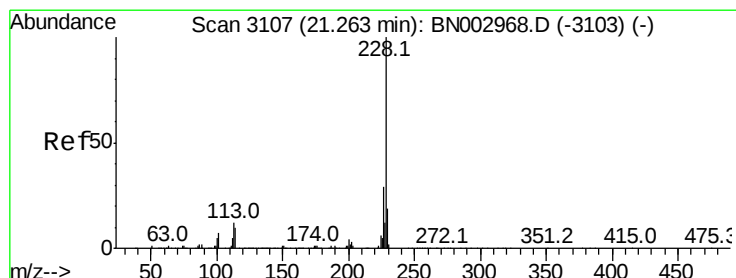
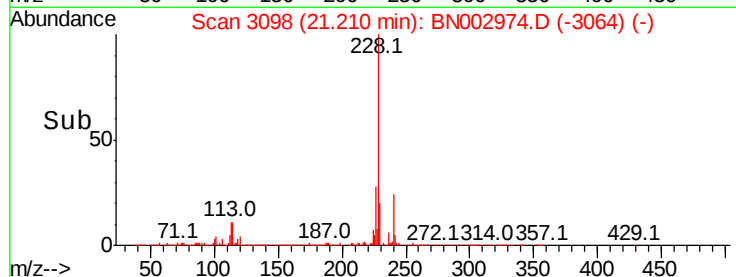
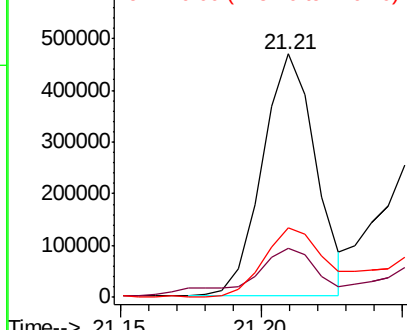
228 100

229 20.4 15.8 23.6

226 28.5 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: 15.222 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

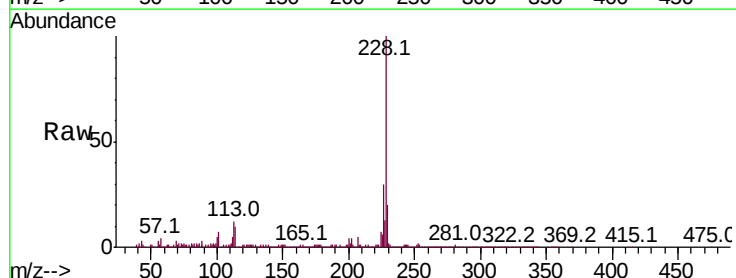
Tgt Ion:228 Resp: 722109

Ion Ratio Lower Upper

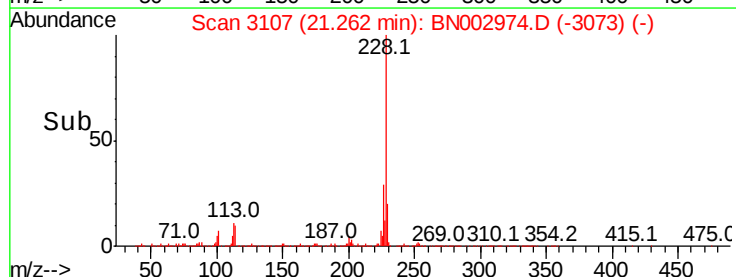
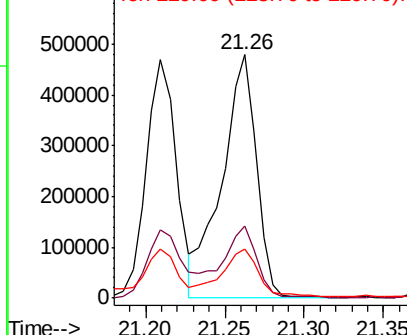
228 100

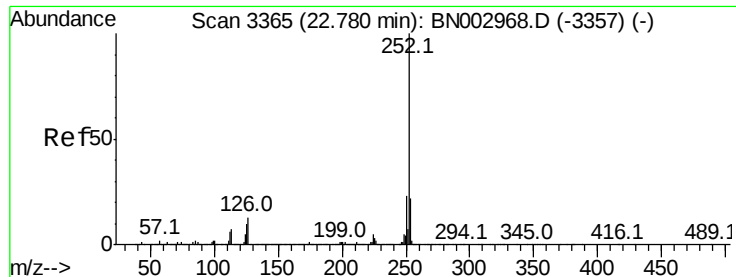
226 29.6 23.4 35.0

229 20.4 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

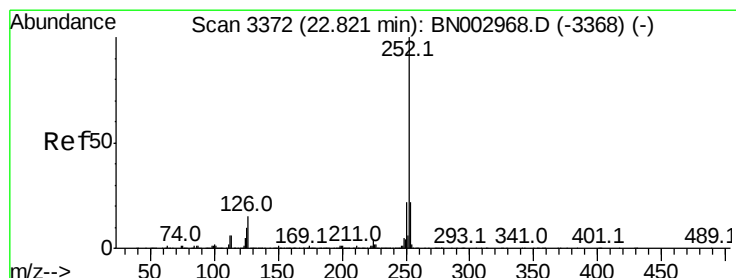
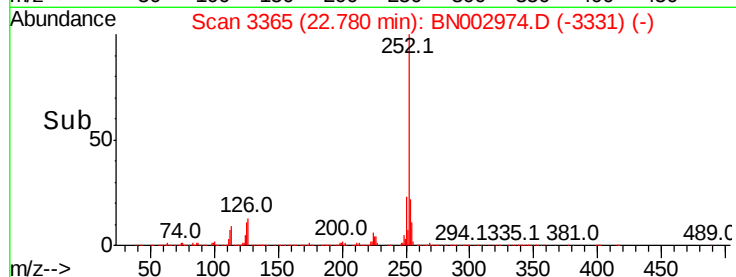
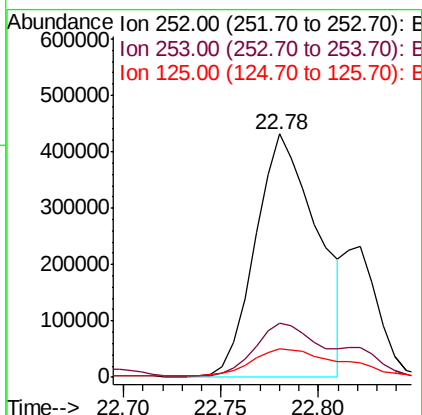
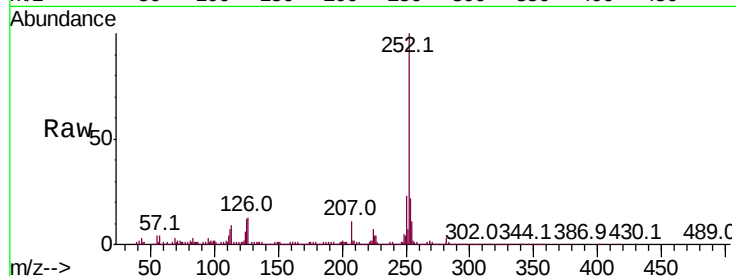




#87
Benzo(b)fluoranthene
Concen: 22.916 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. -0.00 min
Lab File: BN002974.D
Acq: 05 Oct 2018 21:55

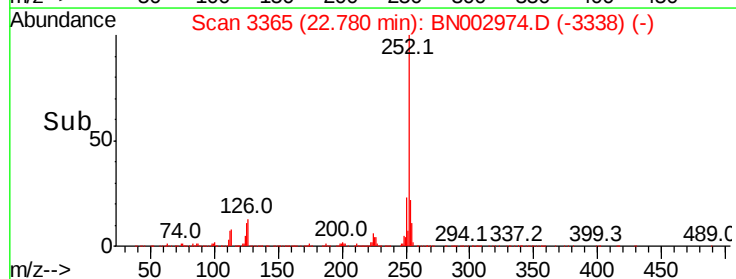
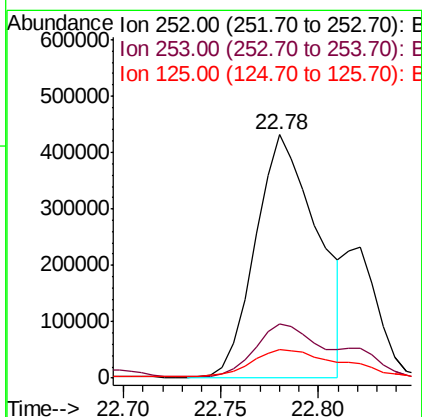
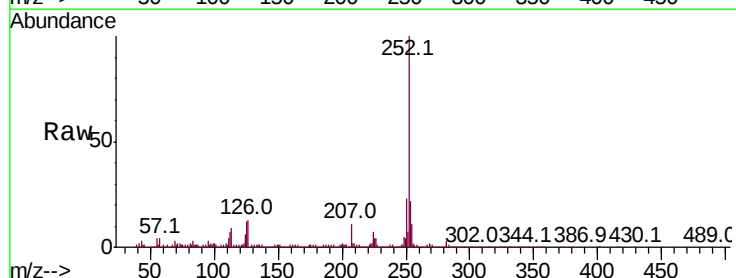
Instrument :
BNA_N
ClientSampleId :

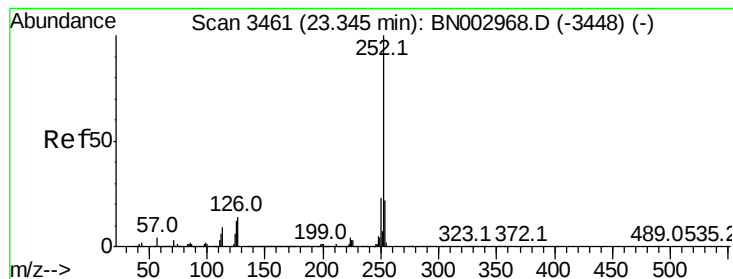
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	11.8	8.0	12.0



#88
Benzo(k)fluoranthene
Concen: 24.563 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. -0.04 min
Lab File: BN002974.D
Acq: 05 Oct 2018 21:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	11.8	8.3	12.5





#90

Benzo(a)pyrene

Concen: 10.776 ng/ul

RT: 23.34 min Scan# 3461

Delta R.T. -0.00 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

Instrument :

BNA_N

ClientSampleId :

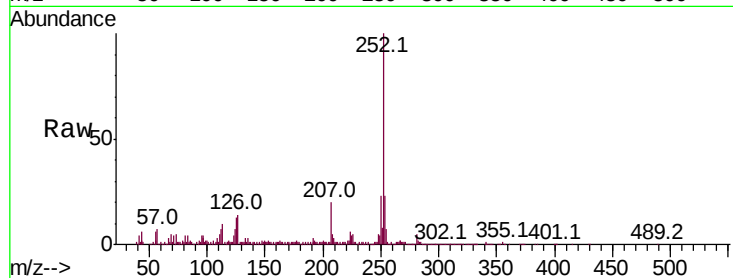
Tot Ion:252 Resp: 421931

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

125 13.0 8.8 13.2

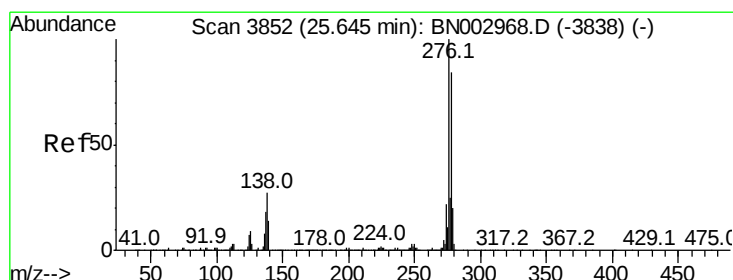
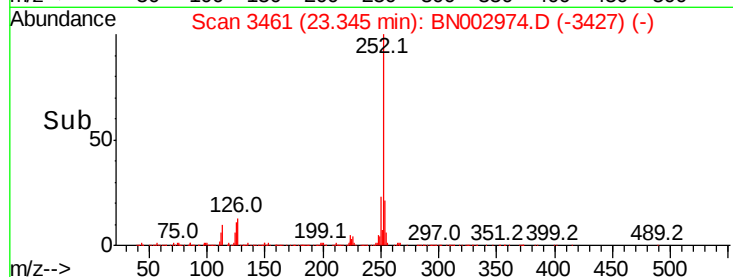
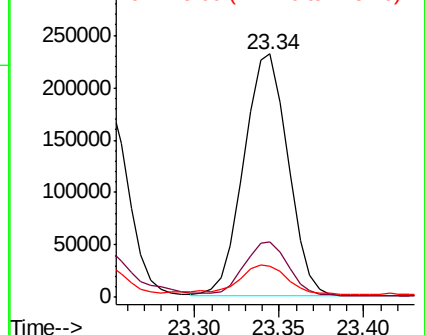


Abundance

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: 6.098 ng/ul

RT: 25.64 min Scan# 3851

Delta R.T. -0.01 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

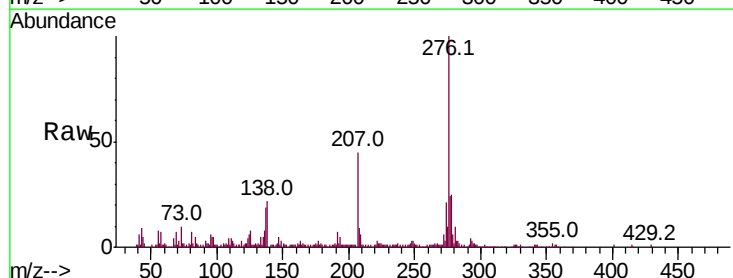
Tgt Ion:276 Resp: 282655

Ion Ratio Lower Upper

276 100

138 22.0 20.2 30.4

277 24.4 20.0 30.0

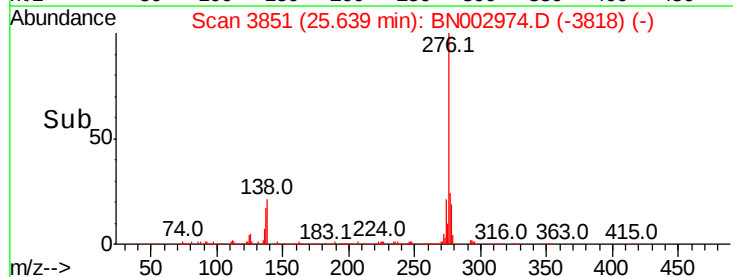
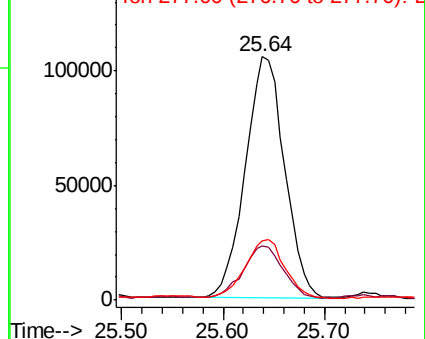


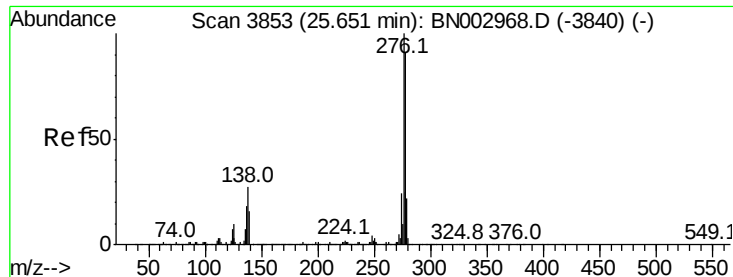
Abundance

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: 2.276 ng/ul

RT: 25.64 min Scan# 3852

Delta R.T. -0.01 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

Instrument :

BNA_N

ClientSampleId :

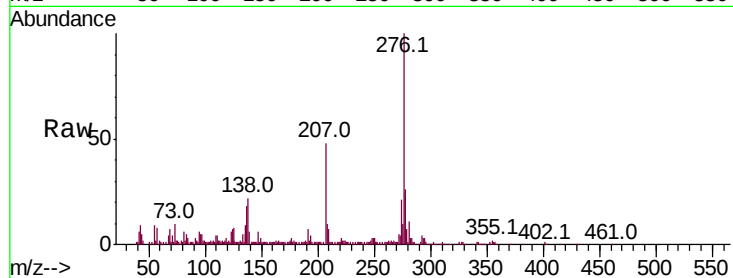
Tot Ion:278 Resp: 88887

Ion Ratio Lower Upper

278 100

139 25.0 12.7 19.1#

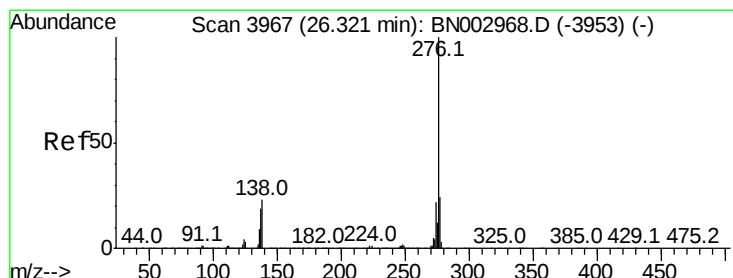
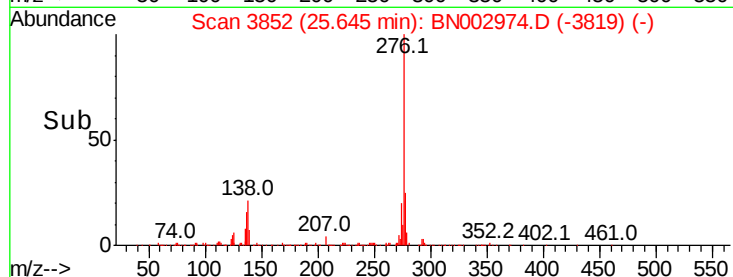
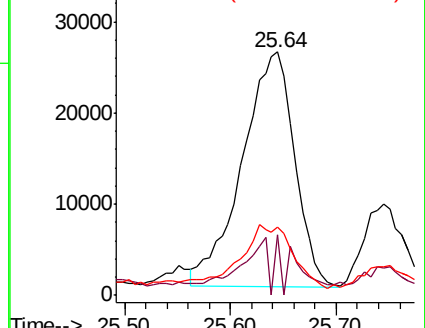
279 28.3 18.7 28.1#



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



#93

Benzo(g,h,i)perylene

Concen: 5.883 ng/ul

RT: 26.32 min Scan# 3966

Delta R.T. -0.01 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

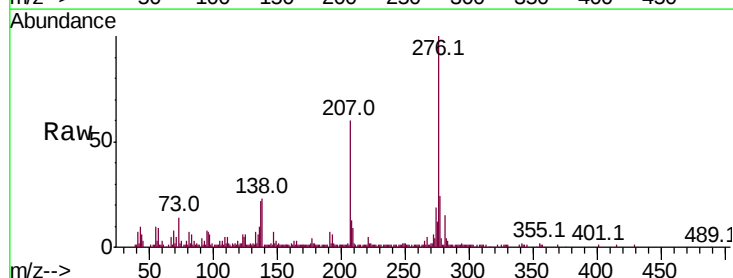
Tgt Ion:276 Resp: 227957

Ion Ratio Lower Upper

276 100

138 23.4 18.2 27.2

277 23.7 18.6 28.0



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

