

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
 Data File : BN002918.D
 Acq On : 04 Oct 2018 01:29
 Operator : MJ/SJ
 Sample : J5115-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 04:30:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 04 04:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	145751	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	653412	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	378517	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	824020	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	687051	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	583970	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8172	2.59	ng/uL	0.00
5) Phenol-d5	6.82	99	211019	17.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	129897	16.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	178607	17.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	169204	17.65	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	87315	17.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	102192	17.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	185181	17.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	198557	16.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	575178	19.41	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	738451	19.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	79795	16.29	ng/ul	0.00
57) Fluorene-d10	15.26	176	523368	20.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	78783	15.29	ng/ul	0.00
70) Anthracene-d10	17.11	188	784919	19.95	ng/ul	0.00
78) Pyrene-d10	19.42	212	804283	22.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	610317	19.86	ng/ul	0.00

Target Compounds

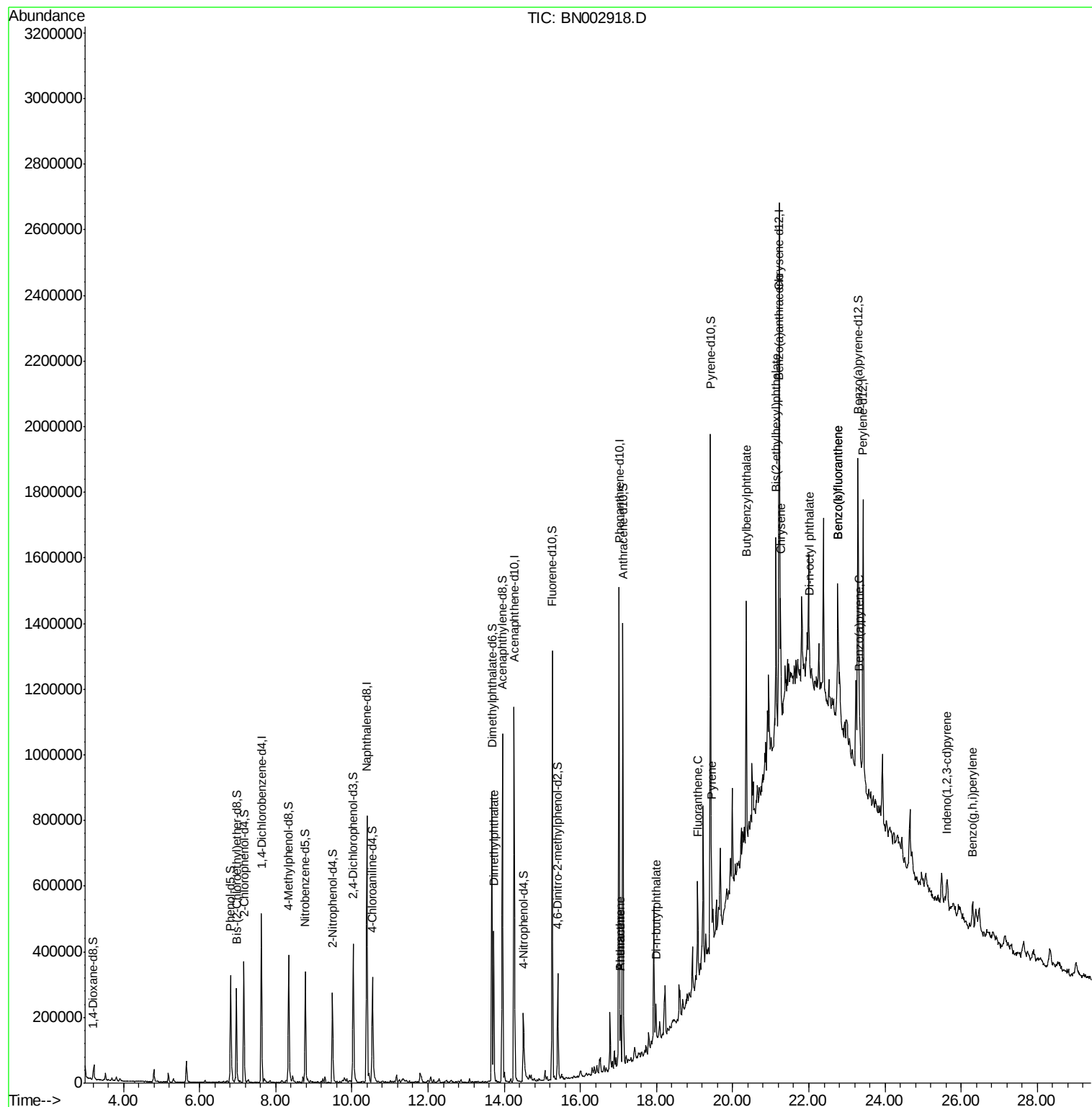
					Ovalue
44) Dimethylphthalate	13.72	163	296228	10.244	ng/ul 100
69) Phenanthrene	17.06	178	90858	2.001	ng/ul 99
71) Anthracene	17.06	178	91070	1.978	ng/ul 99
75) Di-n-butylphthalate	17.99	149	67399	1.422	ng/ul 99
76) Fluoranthene	19.08	202	157006	3.242	ng/ul 98
79) Pyrene	19.45	202	151270	3.330	ng/ul 97
80) Butylbenzylphthalate	20.36	149	206554	10.927	ng/ul 96
82) Benzo(a)anthracene	21.20	228	75085	1.757	ng/ul 96
83) Bis(2-ethylhexyl)phthalate	21.14	149	235484	8.581	ng/ul 100
84) Chrysene	21.26	228	202929	5.065	ng/ul 98
86) Di-n-octyl phthalate	22.02	149	59949	1.553	ng/ul# 1
87) Benzo(b)fluoranthene	22.77	252	255432	7.162	ng/ul# 90
88) Benzo(k)fluoranthene	22.77	252	255432	7.677	ng/ul# 92
90) Benzo(a)pyrene	23.33	252	57444	1.704	ng/ul# 71
91) Indeno(1,2,3-cd)pyrene	25.63	276	83976	2.104	ng/ul 94
93) Benzo(g,h,i)perylene	26.30	276	98779	2.960	ng/ul 98

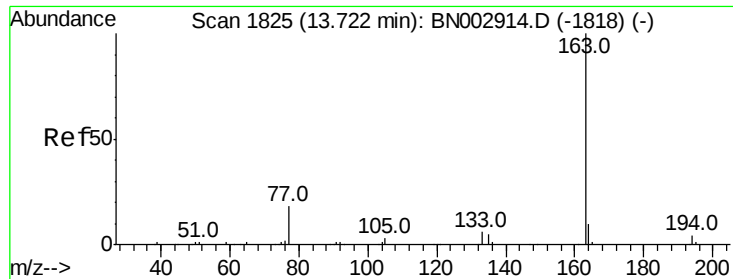
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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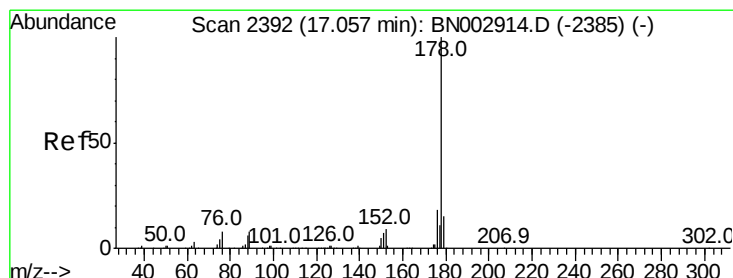
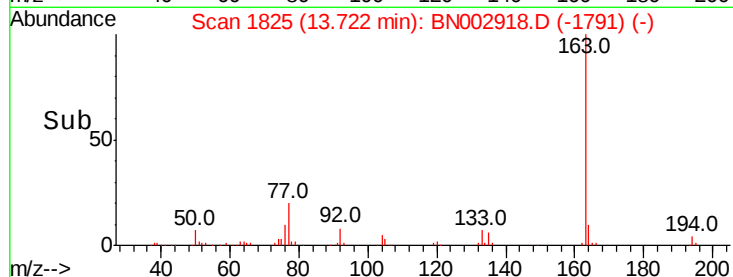
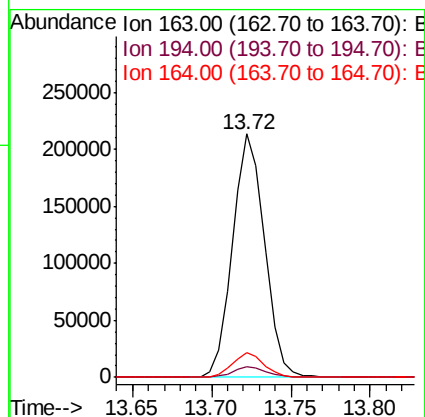
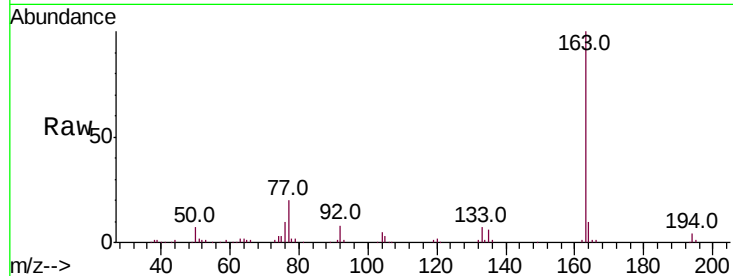




#44
Dimethylphthalate
Concen: 10.244 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BN002918.D
Acq: 04 Oct 2018 01:29

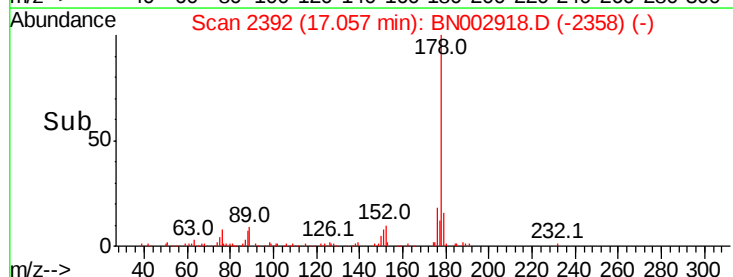
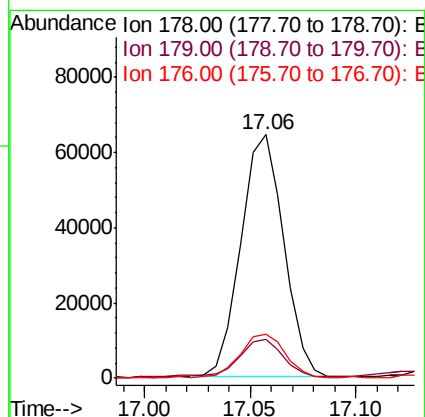
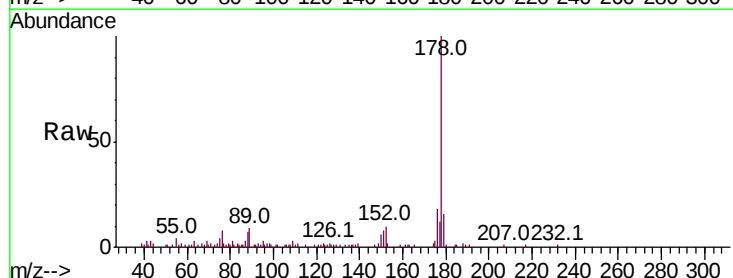
Instrument :
BNA_N
ClientSampled :

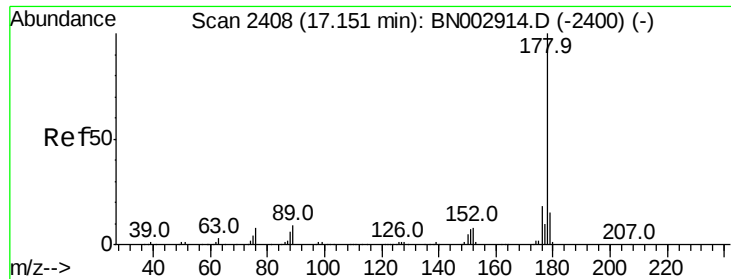
Tot Ion:163 Resp: 296228
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.2 8.1 12.1



#69
Phenanthrene
Concen: 2.001 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BN002918.D
Acq: 04 Oct 2018 01:29

Tgt Ion:178 Resp: 90858
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 18.2 15.0 22.6





#71

Anthracene

Concen: 1.978 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. -0.09 min

Lab File: BN002918.D

Acq: 04 Oct 2018 01:29

Instrument :

BNA_N

ClientSampleId :

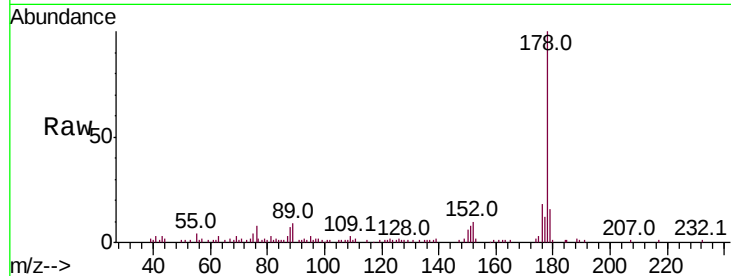
Tot Ion:178 Resp: 91070

Ion Ratio Lower Upper

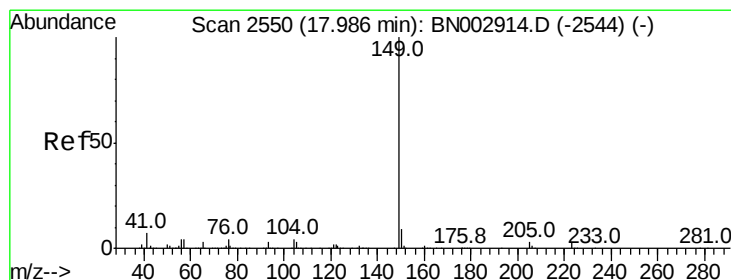
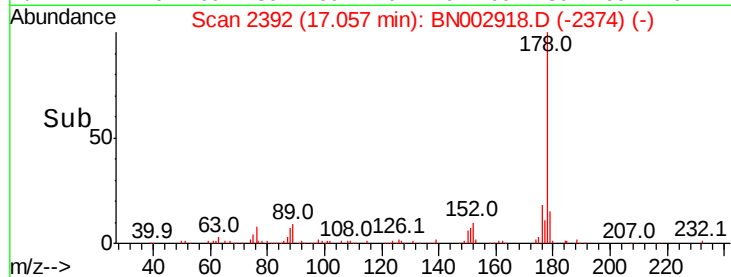
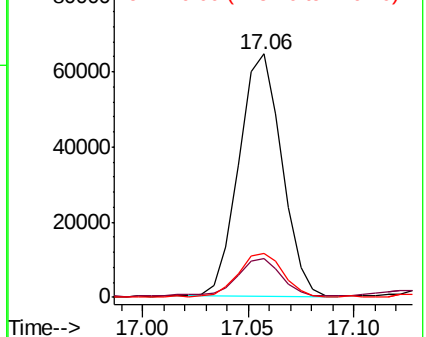
178 100

179 15.8 12.0 18.0

176 18.2 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: 1.422 ng/ul

RT: 17.99 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BN002918.D

Acq: 04 Oct 2018 01:29

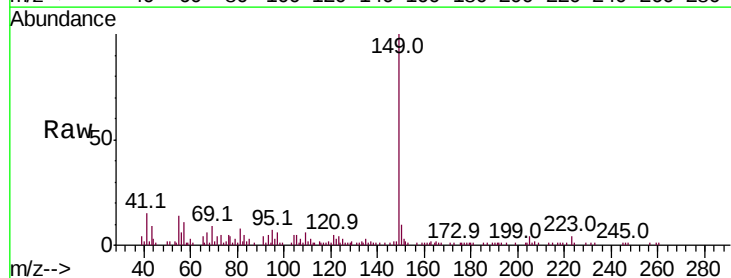
Tgt Ion:149 Resp: 67399

Ion Ratio Lower Upper

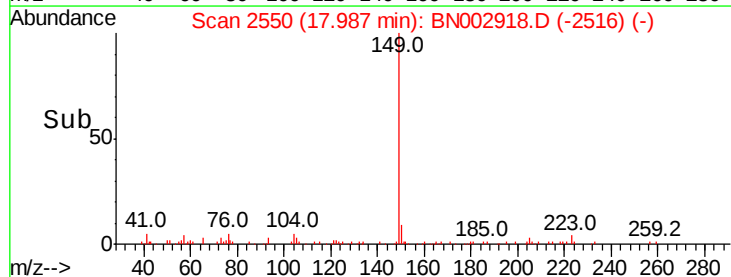
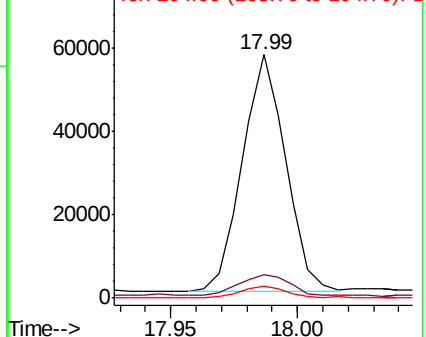
149 100

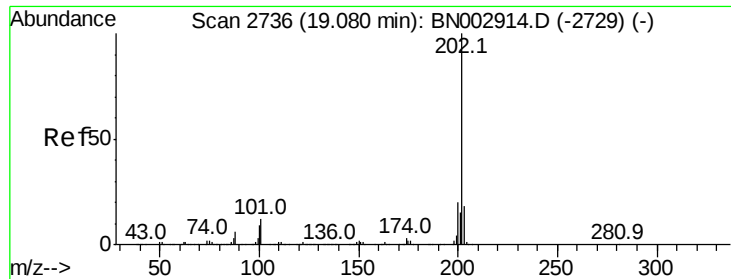
150 9.8 7.3 10.9

104 4.7 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: 3.242 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BN002918.D

Acq: 04 Oct 2018 01:29

Instrument :

BNA_N

ClientSampleId :

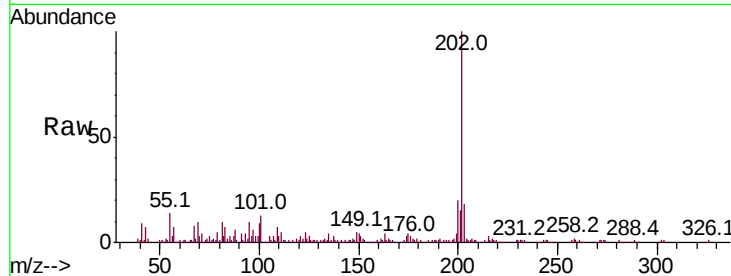
Tot Ion:202 Resp: 157006

Ion Ratio Lower Upper

202 100

101 12.7 9.4 14.2

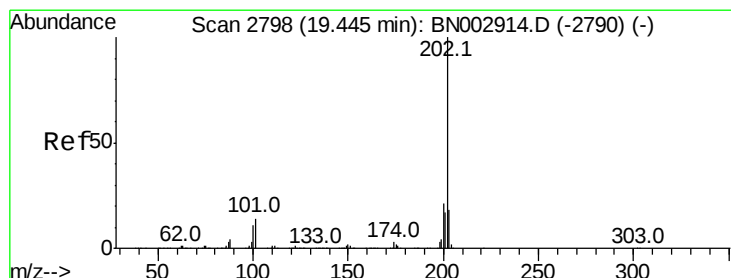
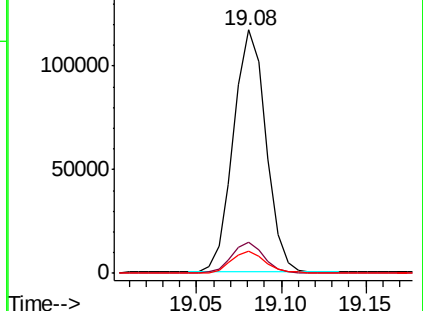
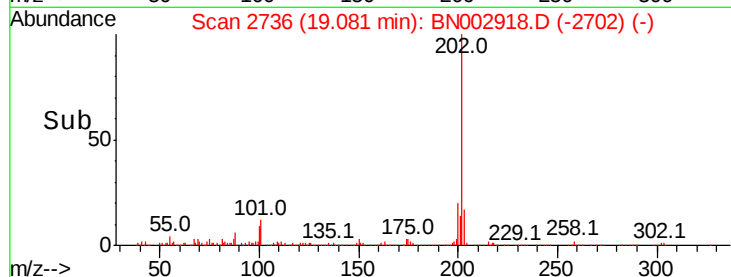
100 9.3 7.0 10.6



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: 3.330 ng/ul

RT: 19.45 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BN002918.D

Acq: 04 Oct 2018 01:29

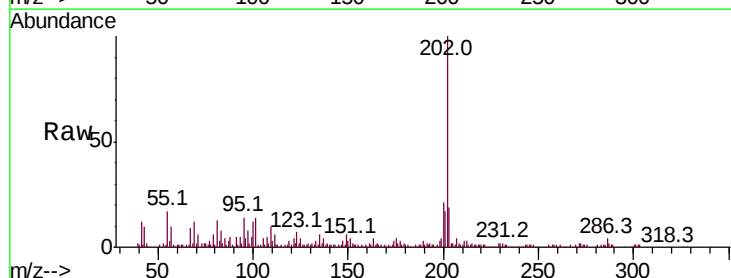
Tgt Ion:202 Resp: 151270

Ion Ratio Lower Upper

202 100

101 14.2 10.8 16.2

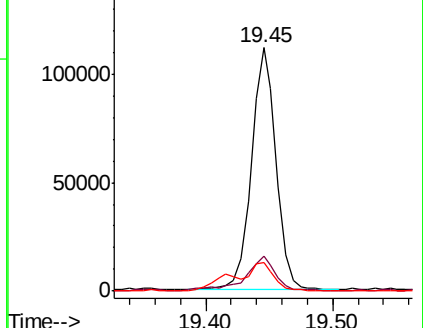
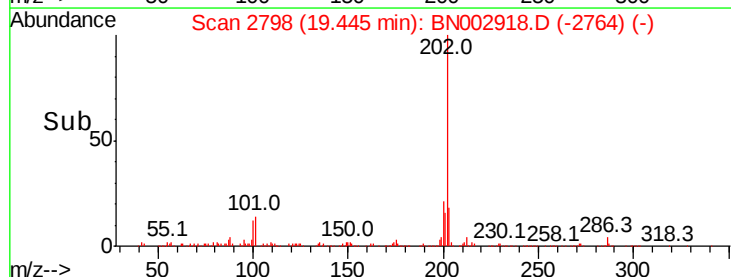
100 11.8 8.2 12.2

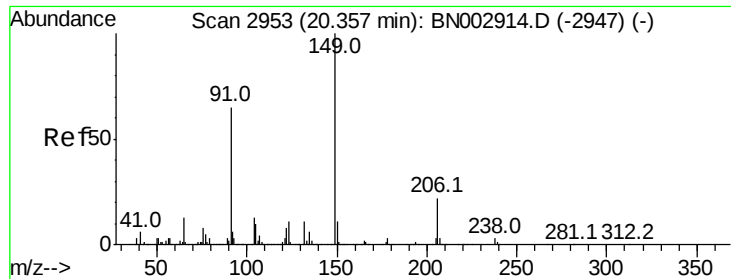


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

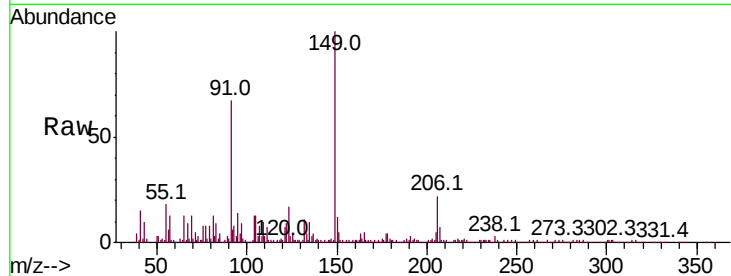




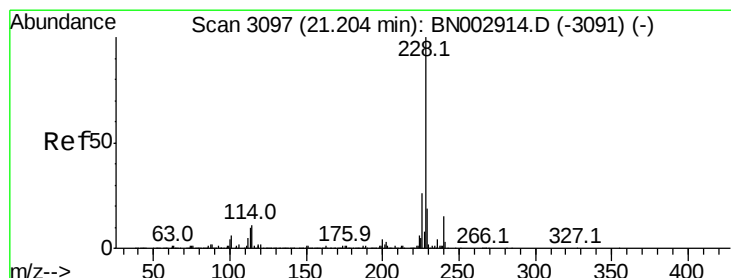
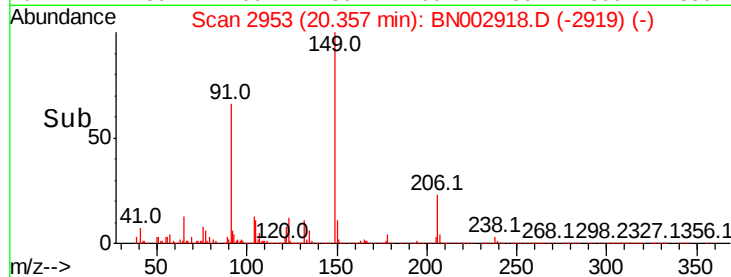
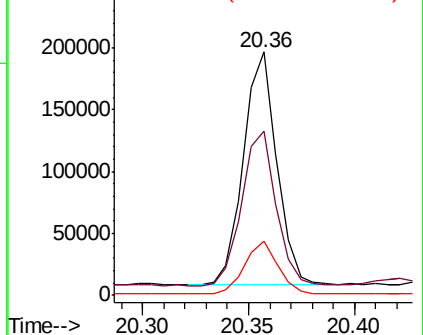
#80
Butylbenzylphthalate
Concen: 10.927 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. 0.00 min
Lab File: BN002918.D
Acq: 04 Oct 2018 01:29

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.2	56.3	84.5
206	22.3	16.8	25.2

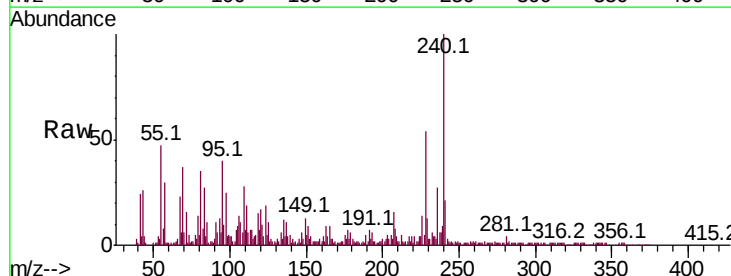


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BNA_N
Ion 206.00 (205.70 to 206.70): E

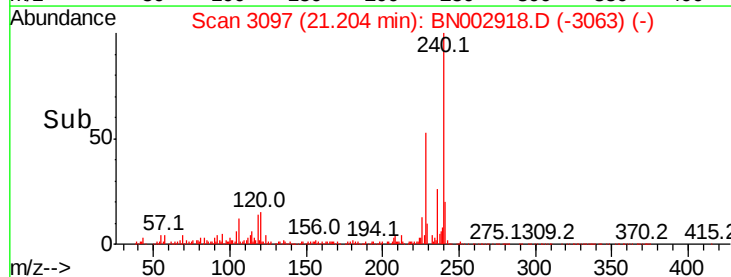
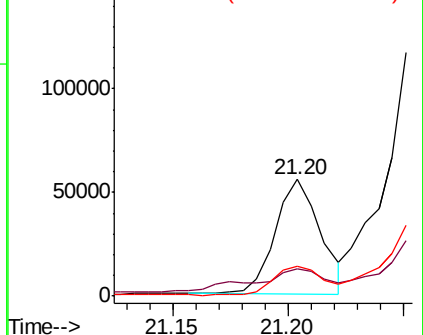


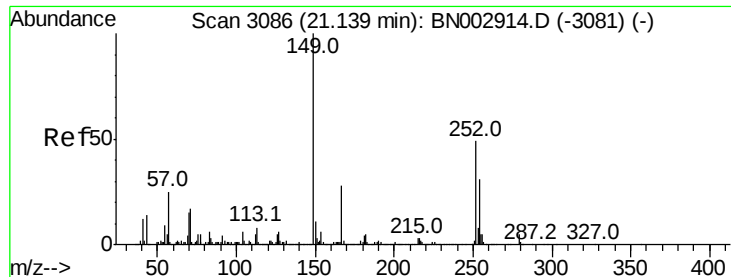
#82
Benzo(a)anthracene
Concen: 1.757 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BN002918.D
Acq: 04 Oct 2018 01:29

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.3	15.8	23.6
226	25.3	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





#83

Bis(2-ethylhexyl)phthalate

Concen: 8.581 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BN002918.D

Acq: 04 Oct 2018 01:29

Instrument :

BNA_N

ClientSampled :

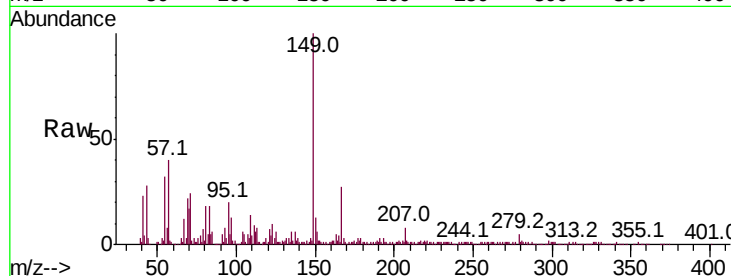
Tot Ion:149 Resp: 235484

Ion Ratio Lower Upper

149 100

167 27.3 22.0 33.0

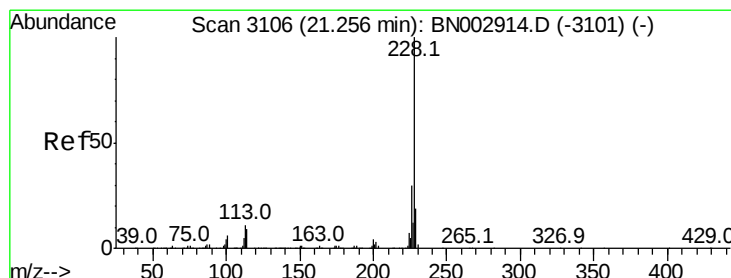
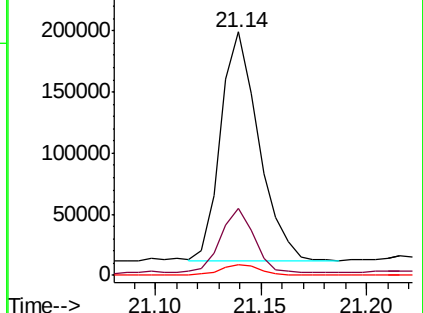
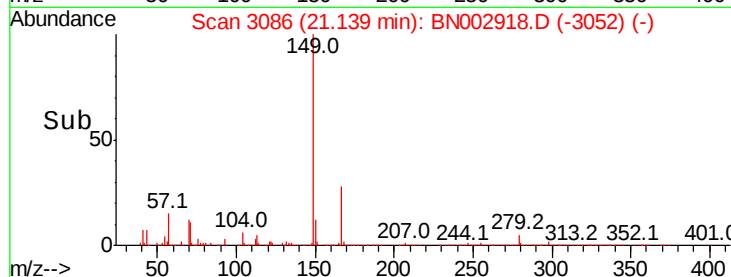
279 4.5 3.3 4.9



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



#84

Chrysene

Concen: 5.065 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN002918.D

Acq: 04 Oct 2018 01:29

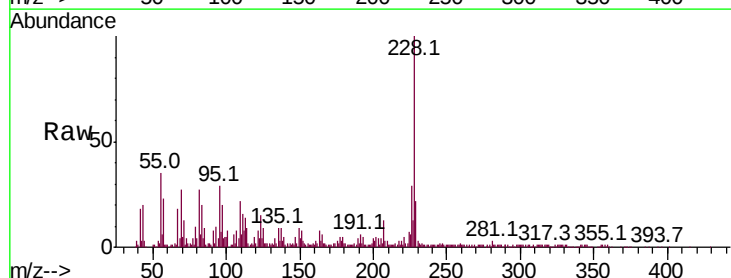
Tgt Ion:228 Resp: 202929

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.0

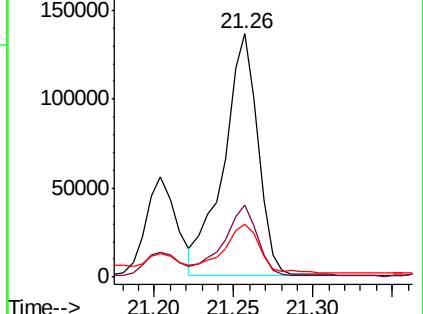
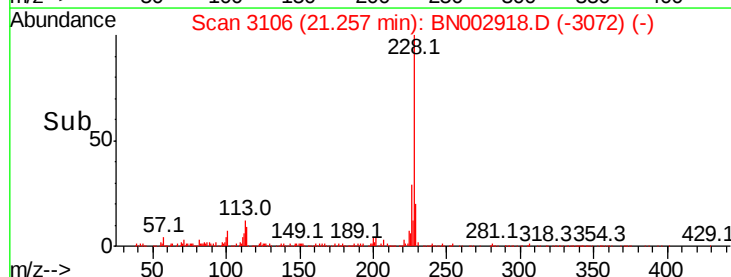
229 21.9 15.7 23.5

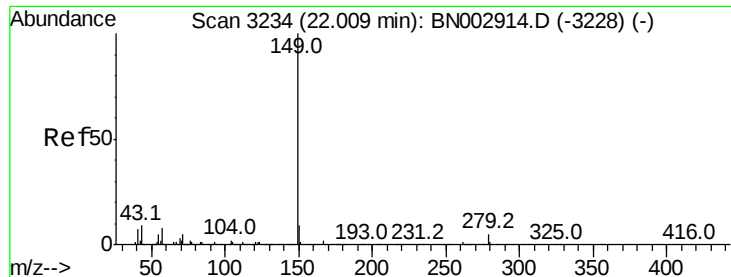


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



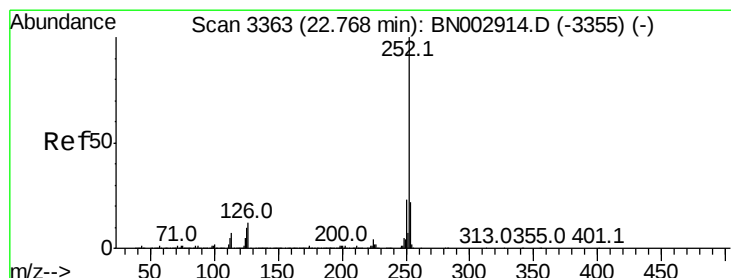
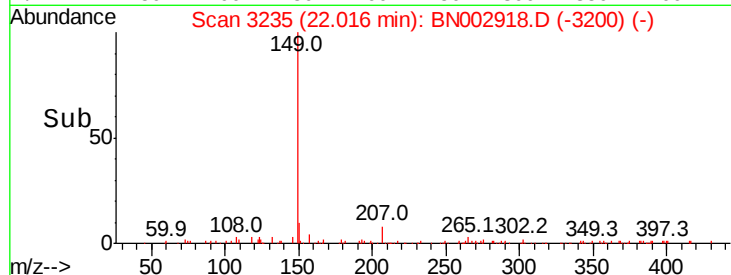
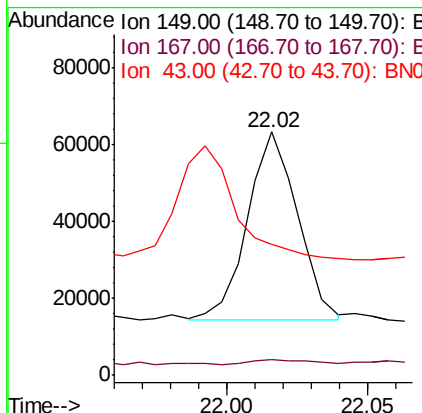
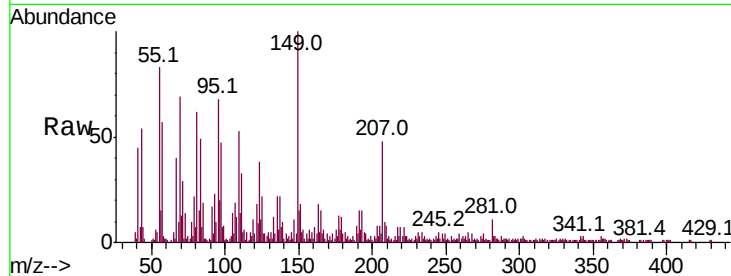


#86

Di-n-octyl phthalate
 Concen: 1.553 ng/ul
 RT: 22.02 min Scan# 3235
 Delta R.T. 0.01 min
 Lab File: BN002918.D
 Acq: 04 Oct 2018 01:29

Instrument :
 BNA_N
 ClientSampleId :

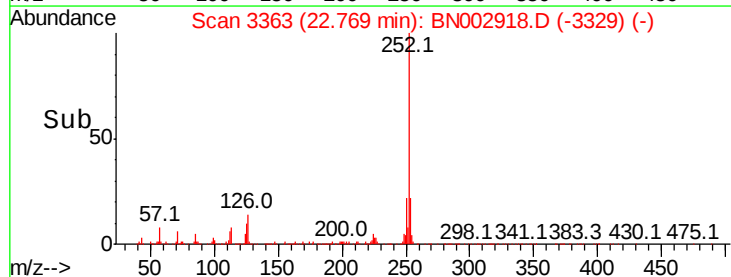
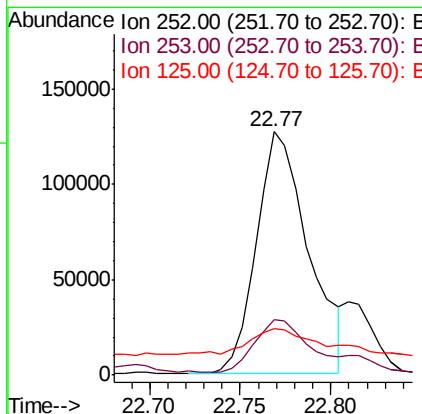
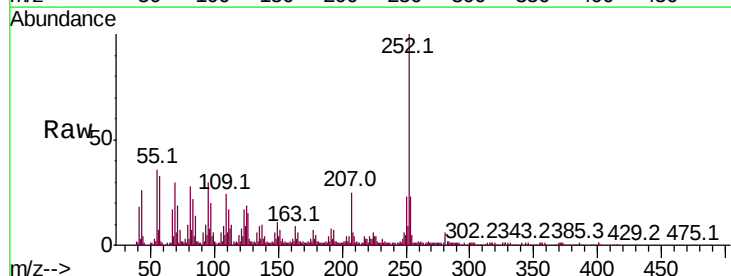
Tot Ion	Ratio	Lower	Upper
149	100		
167	6.5	1.4	2.0#
43	53.9	7.4	11.0#

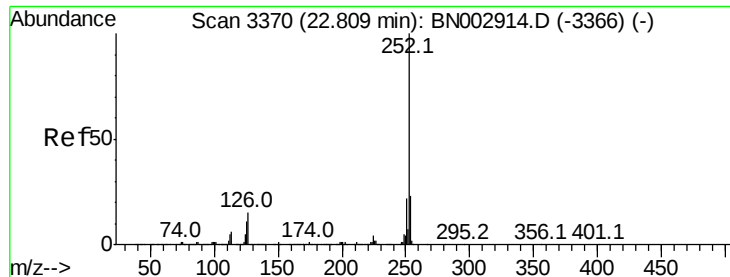


#87

Benzo(b)fluoranthene
 Concen: 7.162 ng/ul
 RT: 22.77 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: BN002918.D
 Acq: 04 Oct 2018 01:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	18.9	8.0	12.0#





#88

Benzo(k)fluoranthene

Concen: 7.677 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.04 min

Lab File: BN002918.D

Acq: 04 Oct 2018 01:29

Instrument :

BNA_N

ClientSampleId :

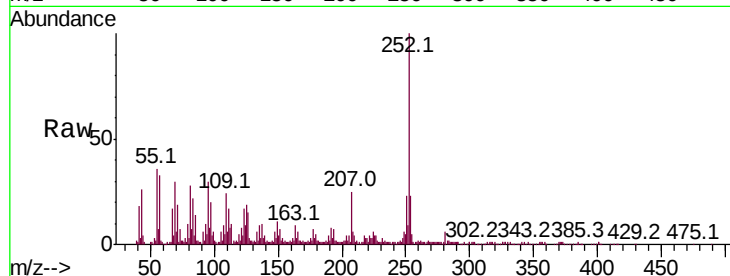
Tot Ion:252 Resp: 255432

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

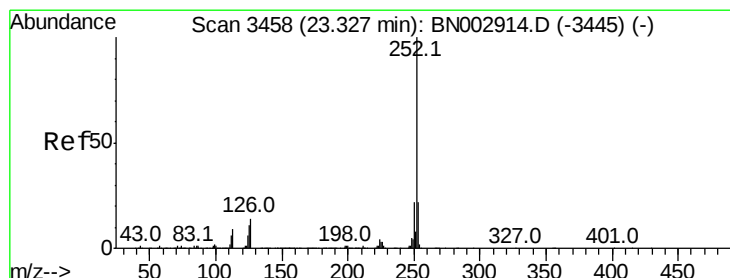
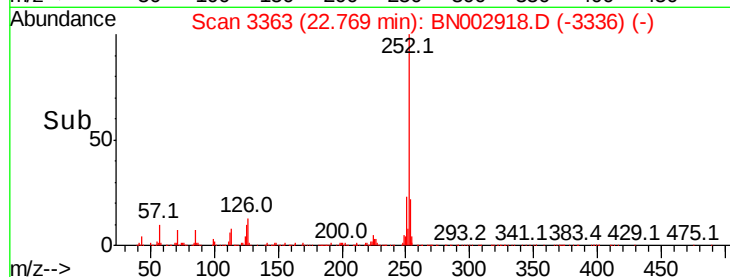
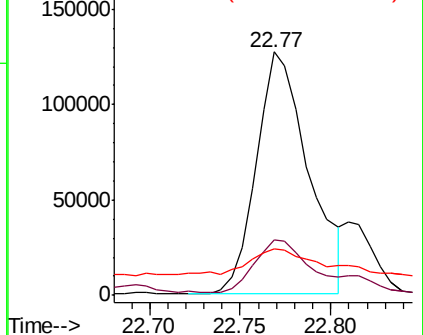
125 18.9 8.3 12.5#



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



#90

Benzo(a)pyrene

Concen: 1.704 ng/ul

RT: 23.33 min Scan# 3459

Delta R.T. 0.01 min

Lab File: BN002918.D

Acq: 04 Oct 2018 01:29

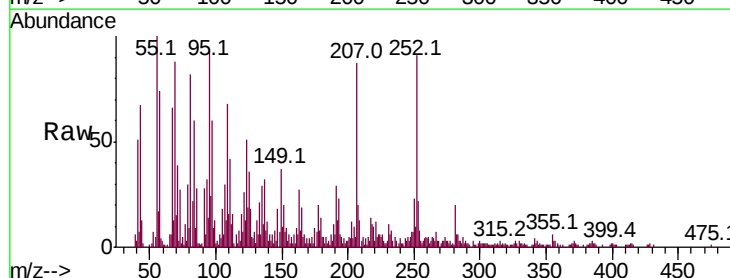
Tgt Ion:252 Resp: 57444

Ion Ratio Lower Upper

252 100

253 24.2 17.6 26.4

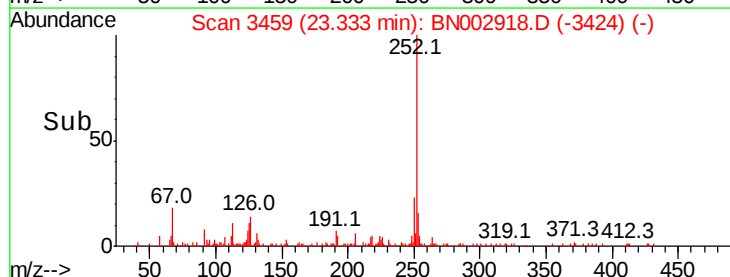
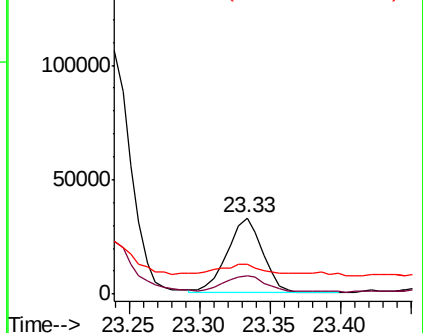
125 40.0 8.8 13.2#

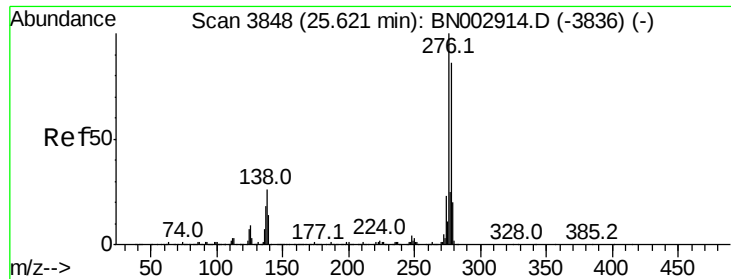


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



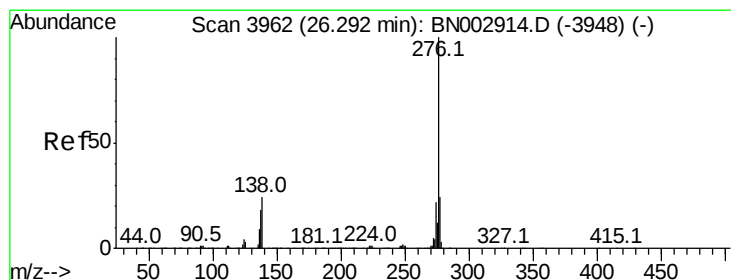
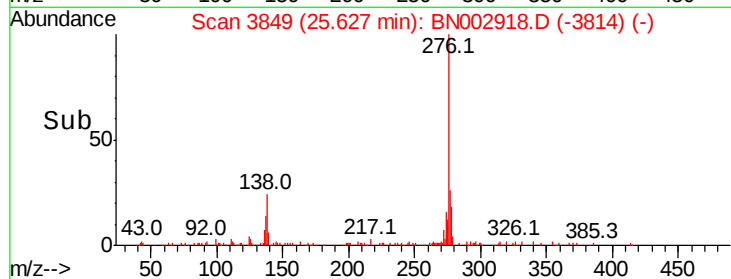
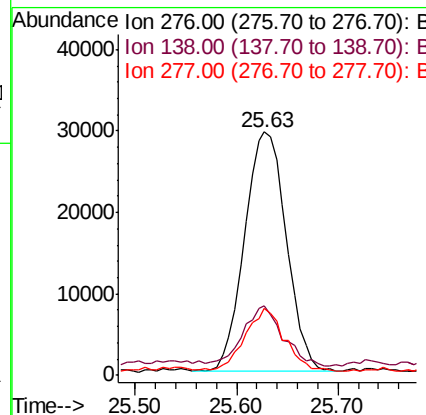
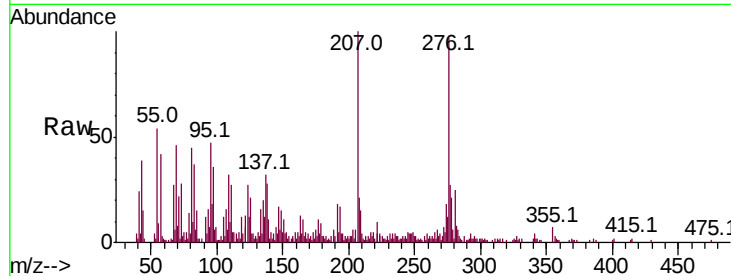


#91

Indeno(1,2,3-cd)pyrene
Concen: 2.104 ng/ul
RT: 25.63 min Scan# 3849
Delta R.T. 0.01 min
Lab File: BN002918.D
Acq: 04 Oct 2018 01:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	20.2	30.4
277	27.7	20.0	30.0



#93

Benzo(g,h,i)perylene
Concen: 2.960 ng/ul
RT: 26.30 min Scan# 3964
Delta R.T. 0.01 min
Lab File: BN002918.D
Acq: 04 Oct 2018 01:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	18.2	27.2
277	24.4	18.6	28.0

