

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
 Data File : BN002917.D
 Acq On : 04 Oct 2018 00:54
 Operator : MJ/SJ
 Sample : J5115-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 04:30:01 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	152763	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	678129	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	383056	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	792239	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	568484	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	539509	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	9789	2.96	ng/uL	0.00
5) Phenol-d5	6.82	99	234659	18.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	152723	18.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	201035	18.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	175399	17.46	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	100787	19.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	116635	19.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	201103	18.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	202397	16.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	600846	20.04	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	774902	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	75249	15.18	ng/ul	0.01
57) Fluorene-d10	15.26	176	535342	20.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	77452	15.63	ng/ul	0.00
70) Anthracene-d10	17.11	188	756080	19.99	ng/ul	0.00
78) Pyrene-d10	19.42	212	707766	23.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	572168	20.15	ng/ul	0.00

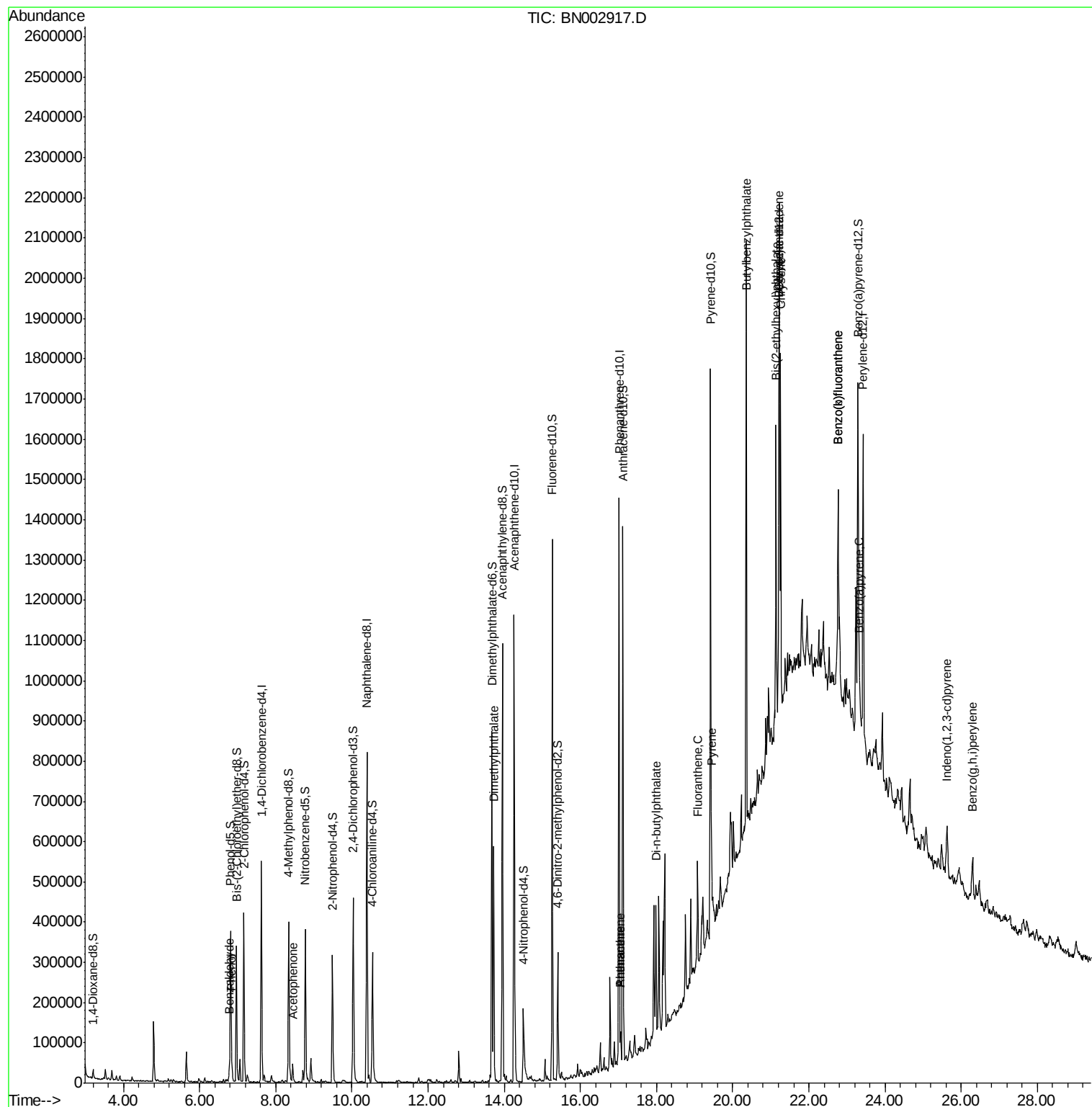
Target Compounds				Ovalue		
4) Benzaldehyde	6.79	77	10782	1.520	ng/ul	93
6) Phenol	6.84	94	14601	1.116	ng/ul	94
14) Acetophenone	8.45	105	23406	1.512	ng/ul	95
44) Dimethylphthalate	13.72	163	375841	12.843	ng/ul	100
69) Phenanthrene	17.06	178	48627	1.114	ng/ul	97
71) Anthracene	17.06	178	48627	1.099	ng/ul	96
75) Di-n-butylphthalate	17.99	149	223143	4.897	ng/ul	100
76) Fluoranthene	19.08	202	140518	3.018	ng/ul	100
79) Pyrene	19.44	202	148458	3.950	ng/ul	98
80) Butylbenzylphthalate	20.36	149	437701	27.985	ng/ul	96
82) Benzo(a)anthracene	21.20	228	91724	2.594	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.14	149	268293	11.816	ng/ul	100
84) Chrysene	21.26	228	476052	14.362	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	347380	10.543	ng/ul#	92
88) Benzo(k)fluoranthene	22.77	252	347380	11.301	ng/ul#	94
90) Benzo(a)pyrene	23.33	252	55193	1.772	ng/ul#	72
91) Indeno(1,2,3-cd)pyrene	25.63	276	104998	2.847	ng/ul	98
93) Benzo(g,h,i)perylene	26.30	276	128214	4.159	ng/ul	96

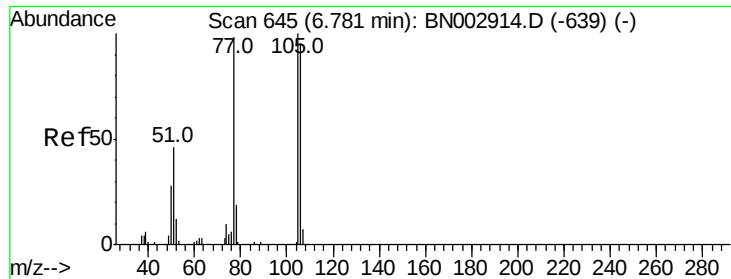
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.520 ng/ul

RT: 6.79 min Scan# 646

Delta R.T. 0.01 min

Lab File: BN002917.D

Acq: 04 Oct 2018 00:54

Instrument :

BNA_N

ClientSampleId :

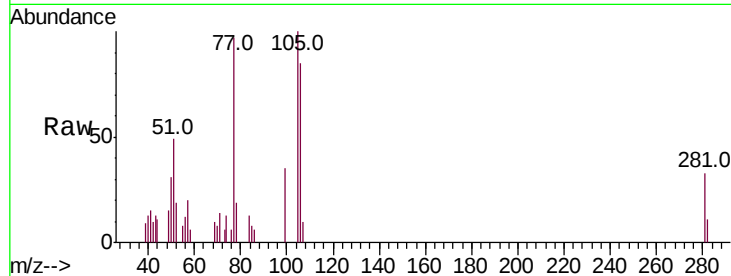
Tot Ion: 77 Resp: 10782

Ion Ratio Lower Upper

77 100

105 102.8 76.2 114.4

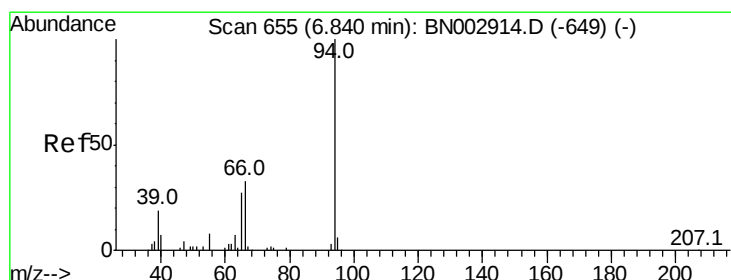
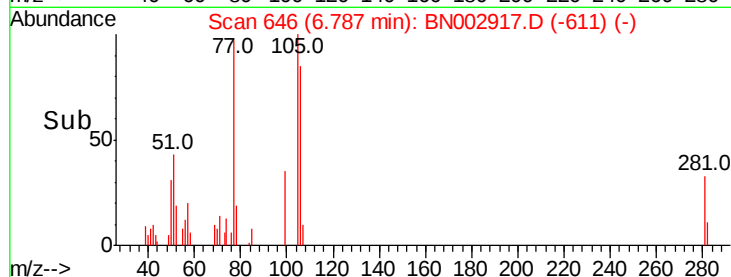
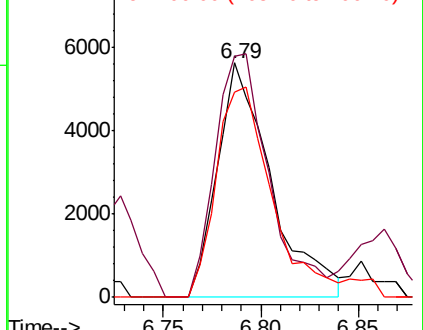
106 87.5 74.2 111.2



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#6

Phenol

Concen: 1.116 ng/ul

RT: 6.84 min Scan# 655

Delta R.T. -0.00 min

Lab File: BN002917.D

Acq: 04 Oct 2018 00:54

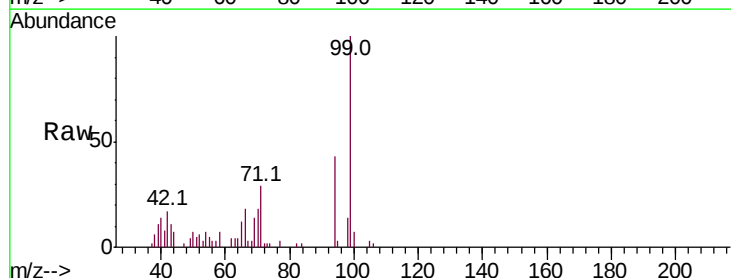
Tgt Ion: 94 Resp: 14601

Ion Ratio Lower Upper

94 100

65 28.1 23.1 34.7

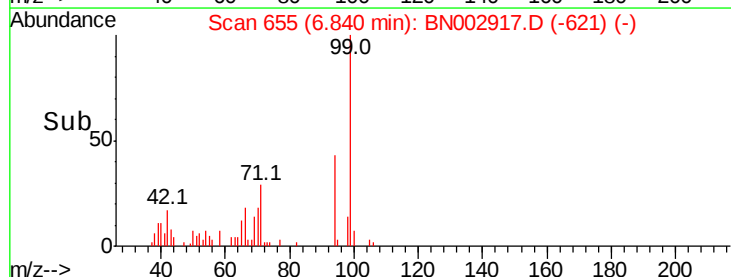
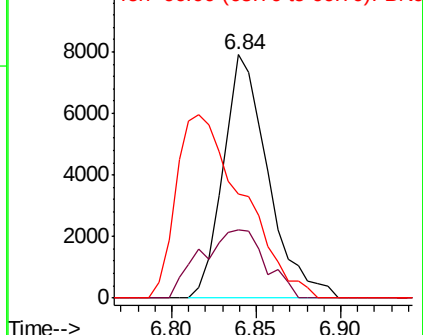
66 42.5 29.8 44.6

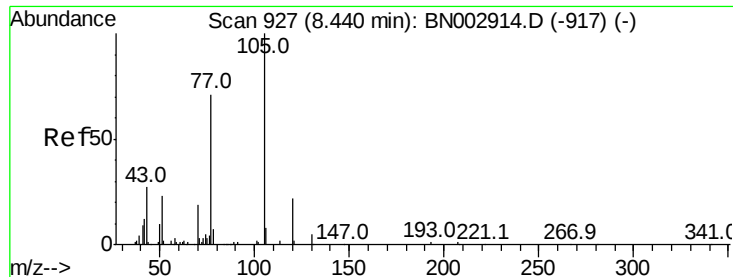


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC





#14

Acetophenone

Concen: 1.512 ng/ul

RT: 8.45 min Scan# 928

Delta R.T. 0.01 min

Lab File: BN002917.D

Acq: 04 Oct 2018 00:54

Instrument :

BNA_N

ClientSampleId :

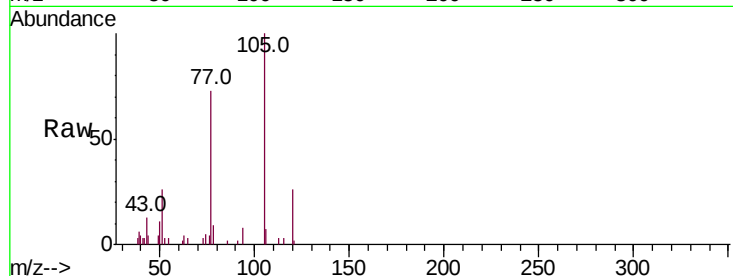
Tot Ion:105 Resp: 23406

Ion Ratio Lower Upper

105 100

77 72.7 62.9 94.3

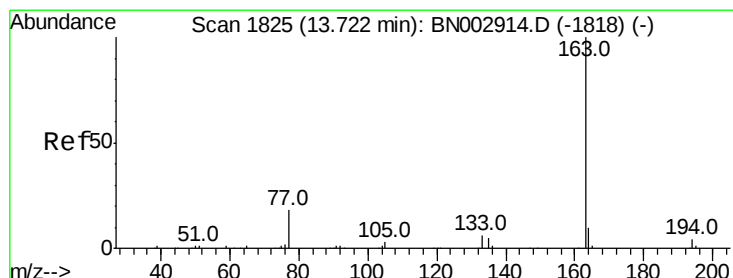
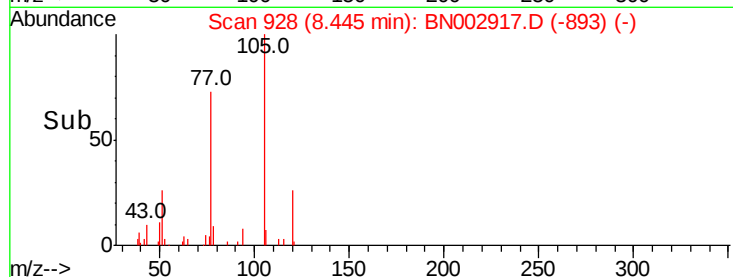
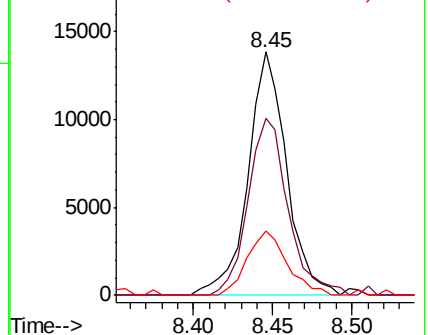
51 26.4 21.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#44

Dimethylphthalate

Concen: 12.843 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BN002917.D

Acq: 04 Oct 2018 00:54

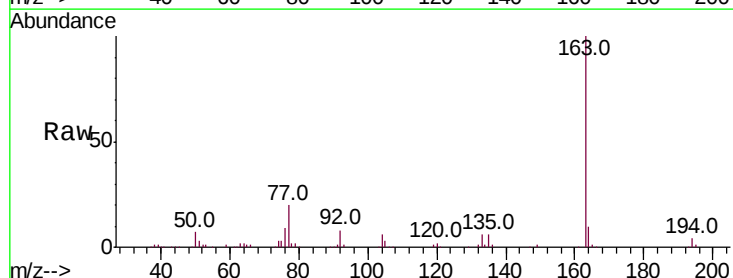
Tgt Ion:163 Resp: 375841

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

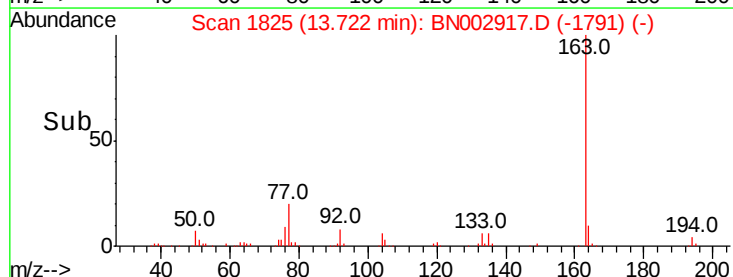
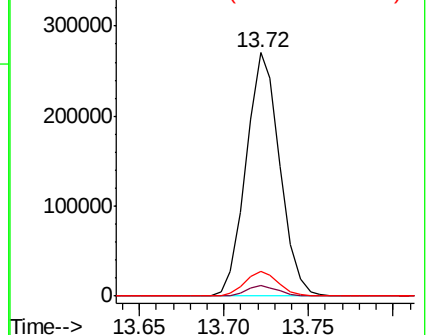
164 10.3 8.1 12.1

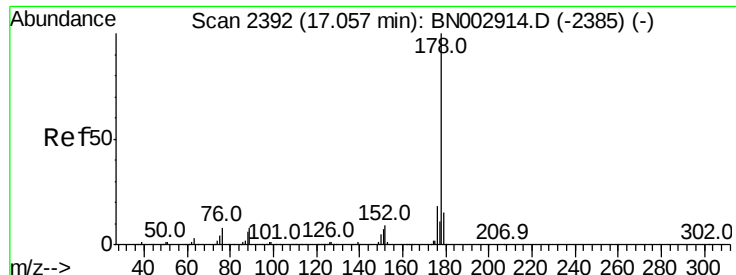


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.114 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BN002917.D

Acq: 04 Oct 2018 00:54

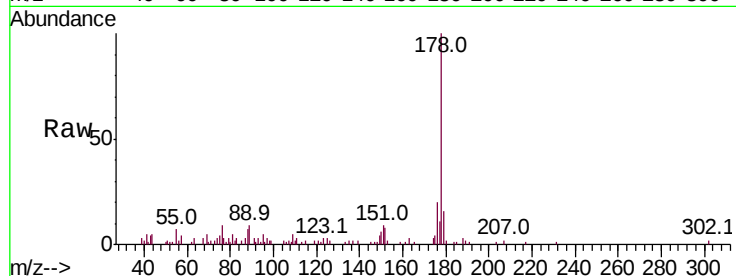
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 48627

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.2	18.4
176	20.5	15.0	22.6

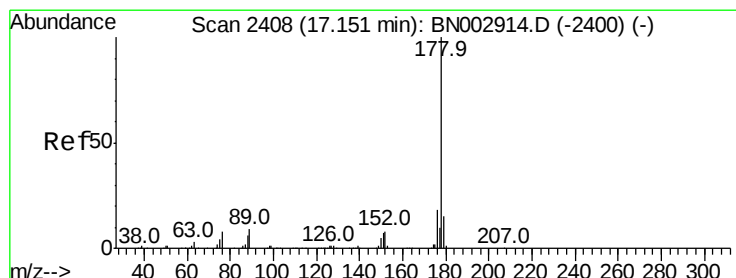
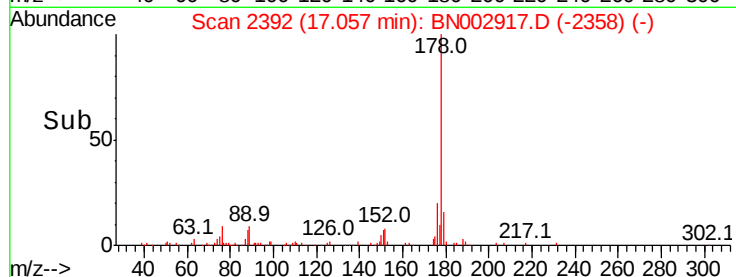
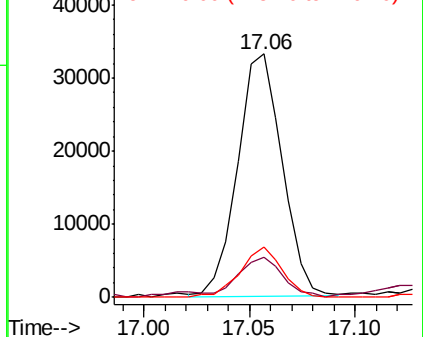


Abundance

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: 1.099 ng/ul

RT: 17.06 min Scan# 2392

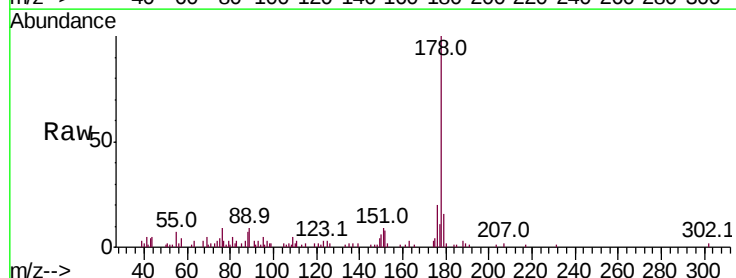
Delta R.T. -0.09 min

Lab File: BN002917.D

Acq: 04 Oct 2018 00:54

Tgt Ion:178 Resp: 48627

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.0	18.0
176	20.5	15.0	22.4

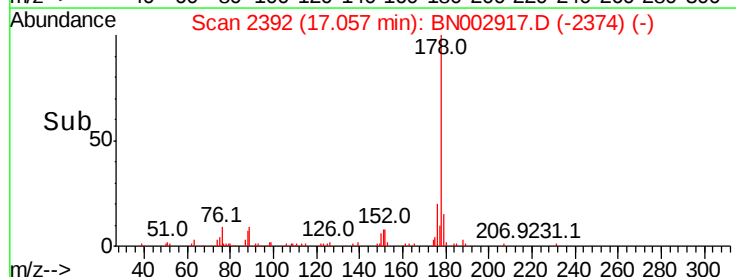
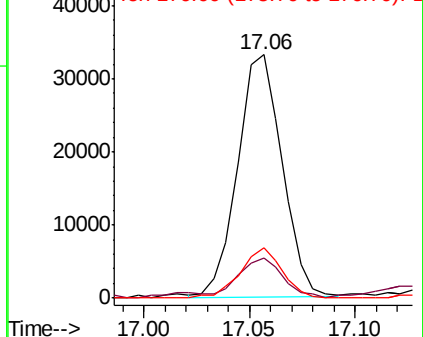


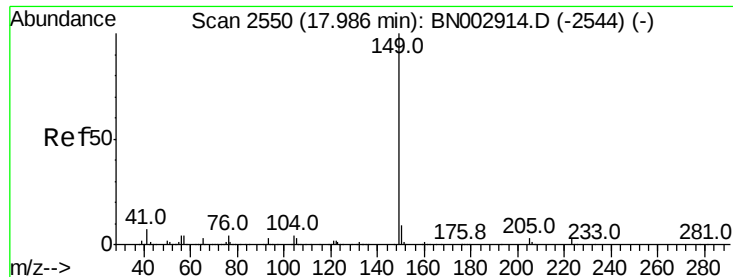
Abundance

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

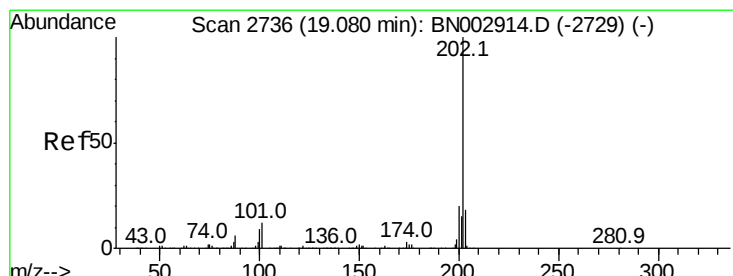
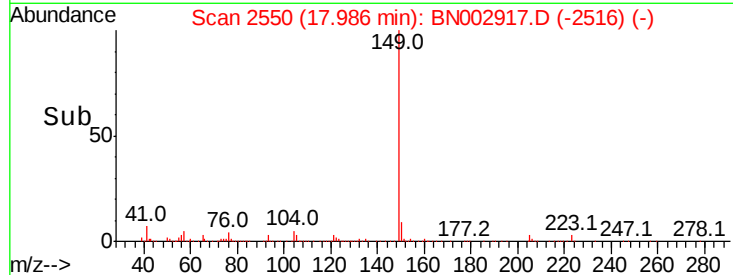
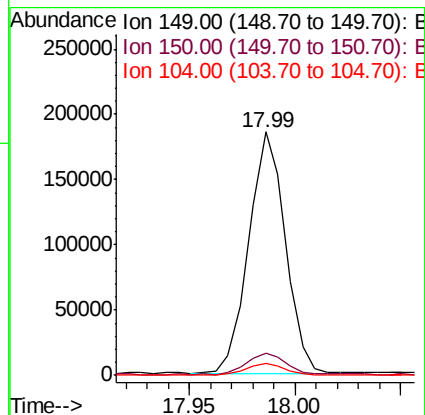
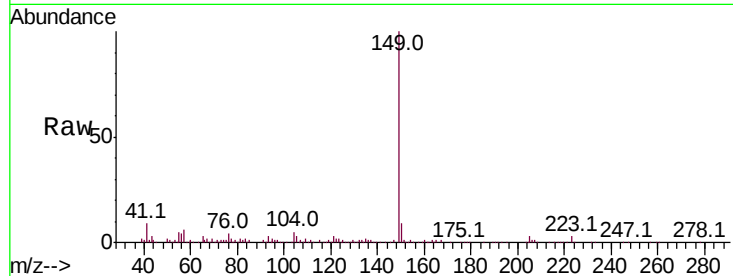




#75
Di-n-butylphthalate
Concen: 4.897 ng/ul
RT: 17.99 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BN002917.D
Acq: 04 Oct 2018 00:54

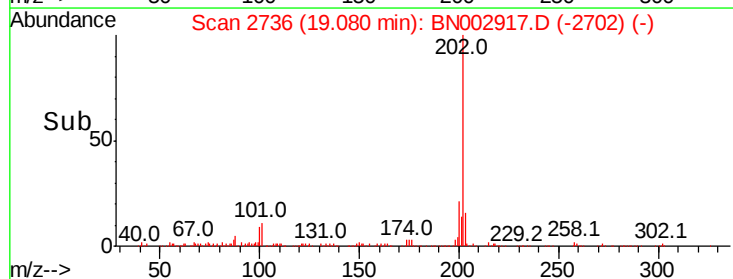
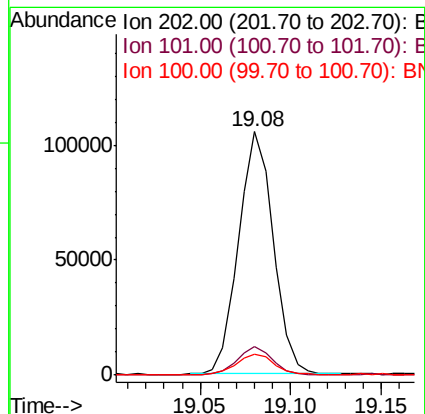
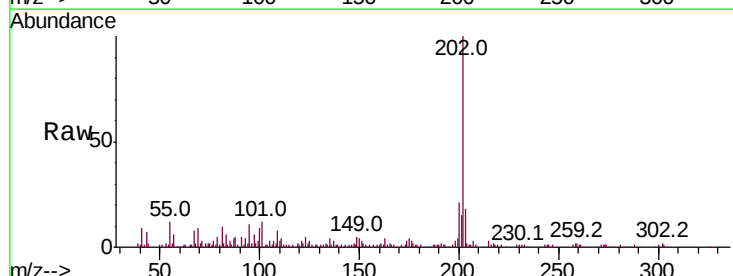
Instrument :
BNA_N
ClientSampled :

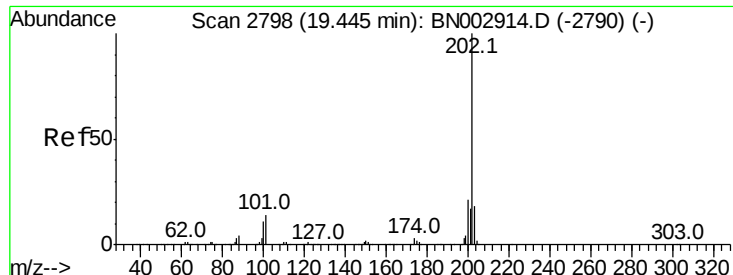
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.8	3.7	5.5



#76
Fluoranthene
Concen: 3.018 ng/ul
RT: 19.08 min Scan# 2736
Delta R.T. -0.00 min
Lab File: BN002917.D
Acq: 04 Oct 2018 00:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.4	14.2
100	8.8	7.0	10.6

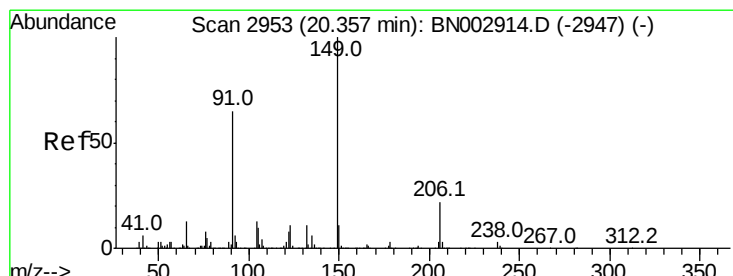
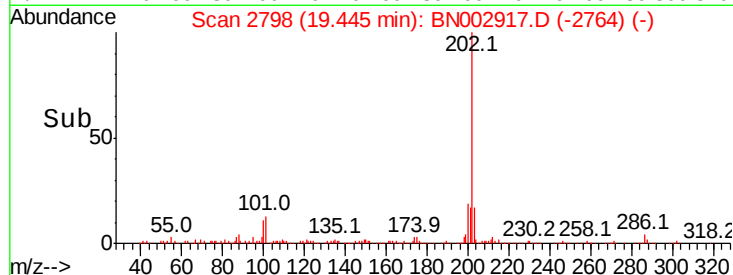
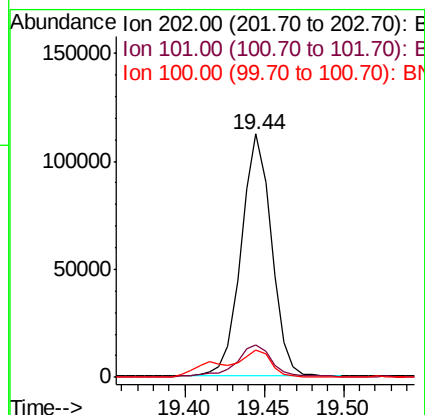
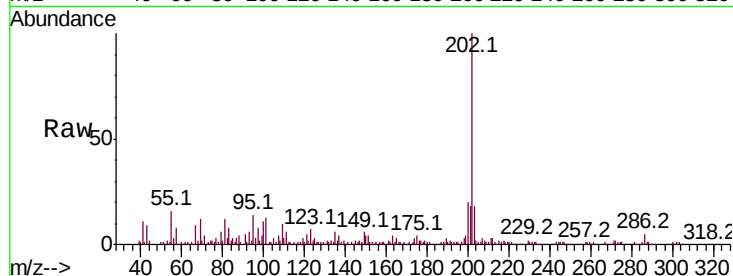




#79
Pvrene
Concen: 3.950 ng/ul
RT: 19.44 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BN002917.D
Acq: 04 Oct 2018 00:54

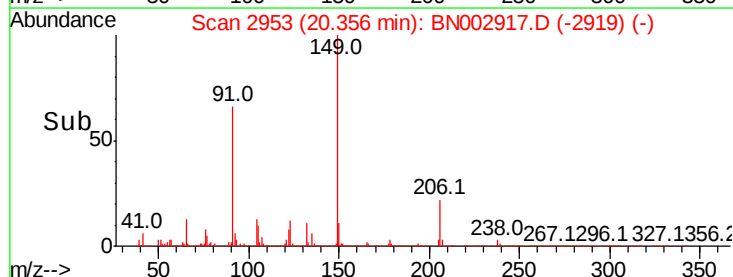
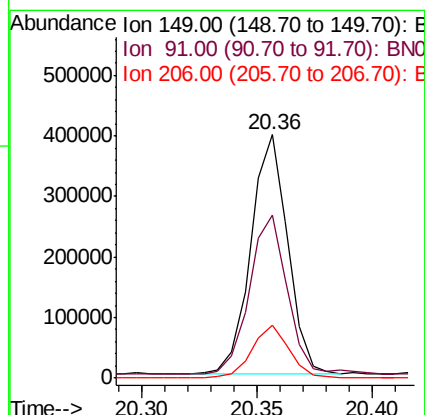
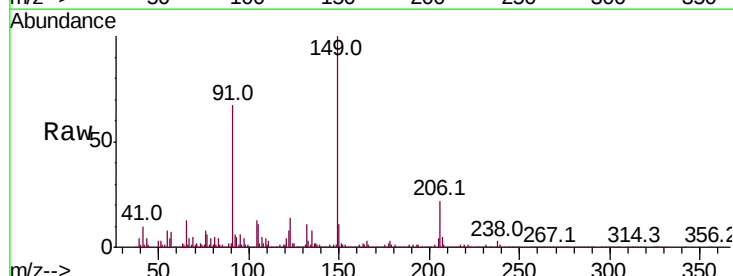
Instrument :
BNA_N
ClientSampleId :

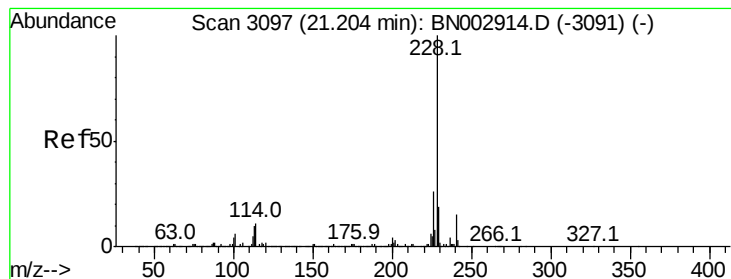
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.8	16.2
100	11.4	8.2	12.2



#80
Butylbenzylphthalate
Concen: 27.985 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BN002917.D
Acq: 04 Oct 2018 00:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.7	56.3	84.5
206	21.8	16.8	25.2





#82

Benzo(a)anthracene

Concen: 2.594 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BN002917.D

Acq: 04 Oct 2018 00:54

Instrument :

BNA_N

ClientSampleId :

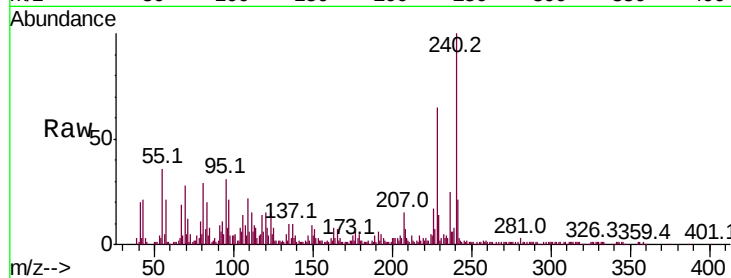
Tot Ion:228 Resp: 91724

Ion Ratio Lower Upper

228 100

229 22.1 15.8 23.6

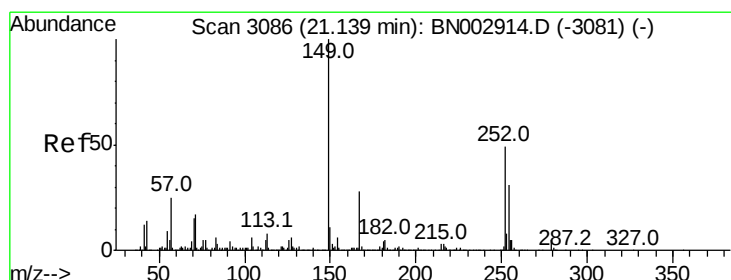
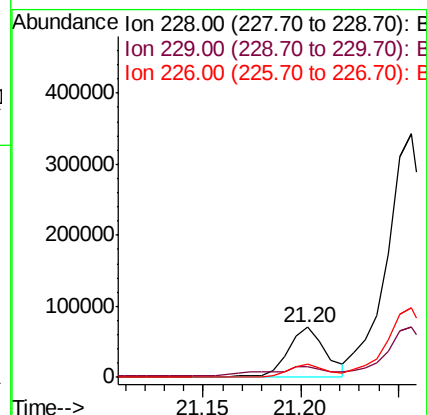
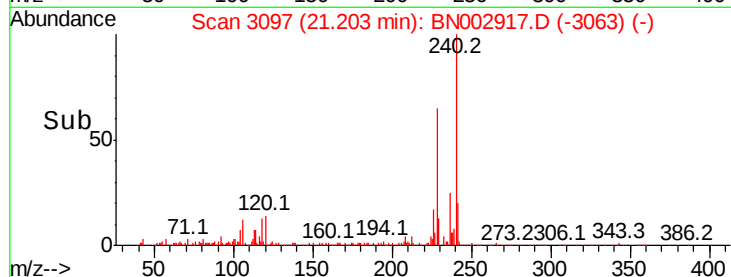
226 26.3 20.9 31.3



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: 11.816 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BN002917.D

Acq: 04 Oct 2018 00:54

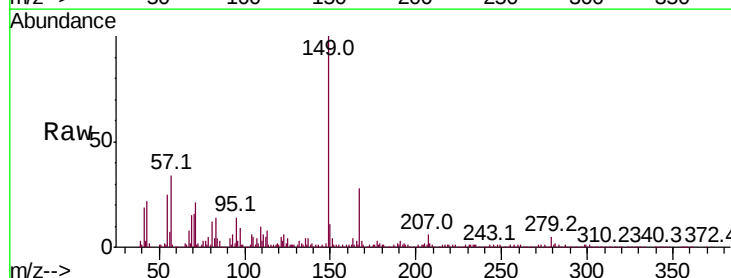
Tgt Ion:149 Resp: 268293

Ion Ratio Lower Upper

149 100

167 27.6 22.0 33.0

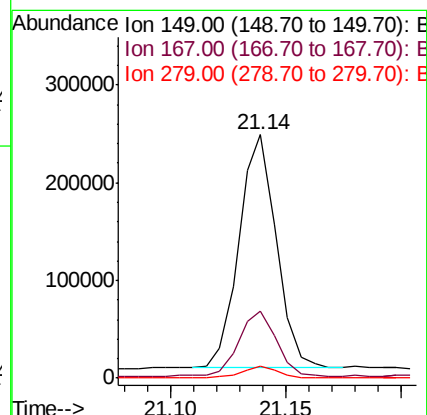
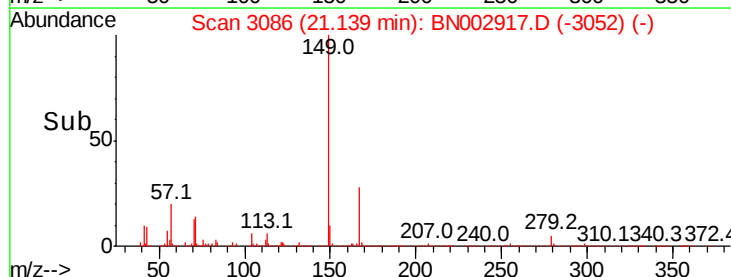
279 4.7 3.3 4.9

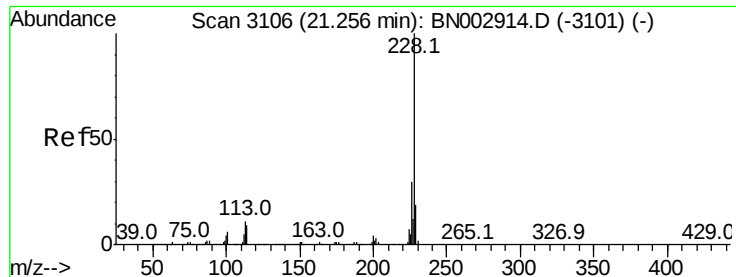


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 14.362 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BN002917.D

Acq: 04 Oct 2018 00:54

Instrument :

BNA_N

ClientSampled :

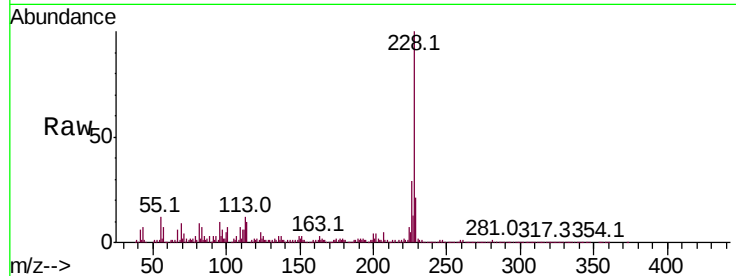
Tot Ion:228 Resp: 476052

Ion Ratio Lower Upper

228 100

226 28.7 23.4 35.0

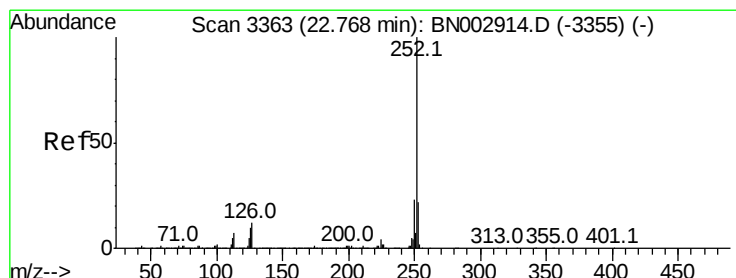
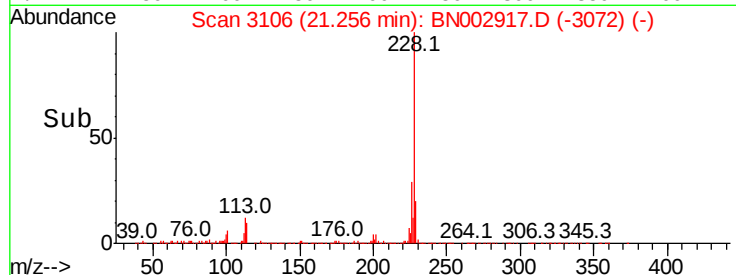
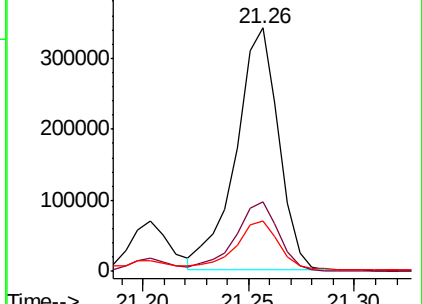
229 20.9 15.7 23.5



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



#87

Benzo(b)fluoranthene

Concen: 10.543 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.00 min

Lab File: BN002917.D

Acq: 04 Oct 2018 00:54

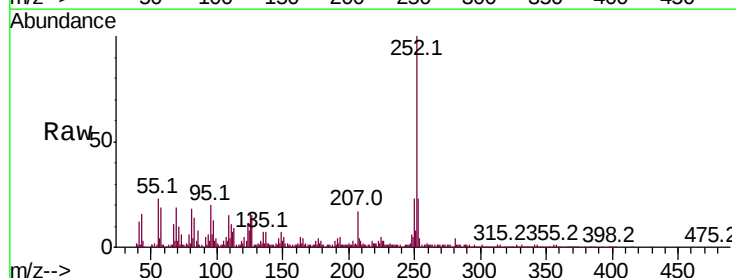
Tgt Ion:252 Resp: 347380

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.4

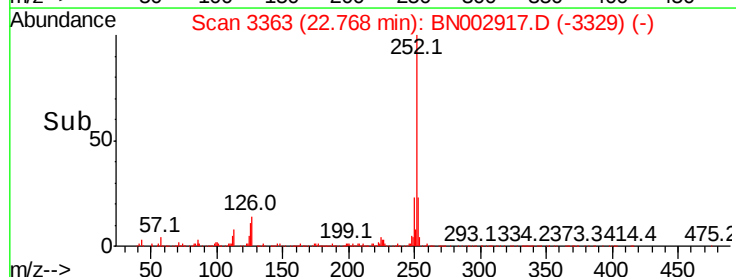
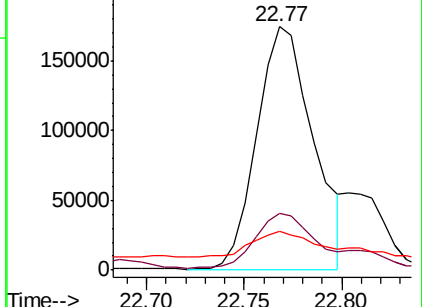
125 16.1 8.0 12.0#

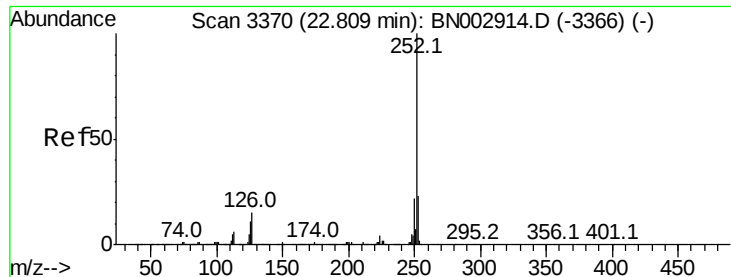


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 11.301 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.04 min

Lab File: BN002917.D

Acq: 04 Oct 2018 00:54

Instrument :

BNA_N

ClientSampleId :

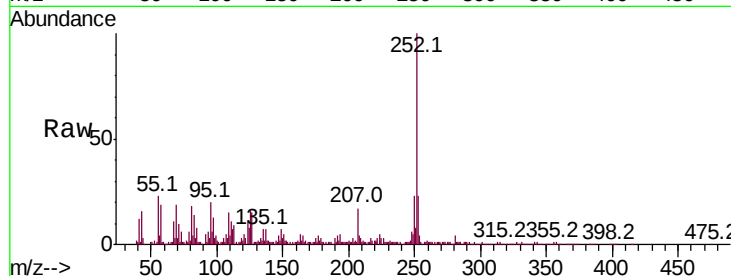
Tot Ion:252 Resp: 347380

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

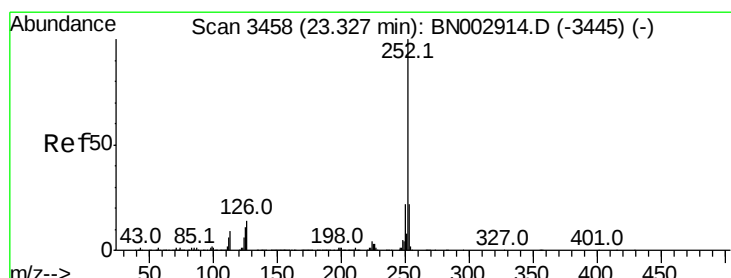
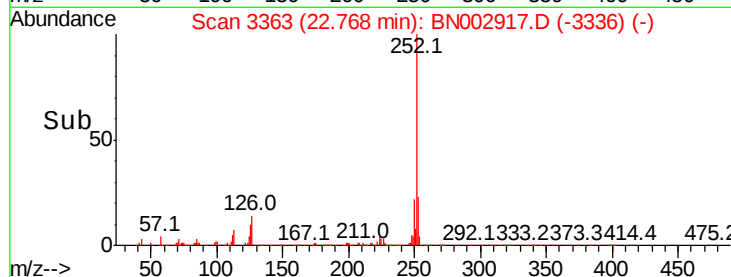
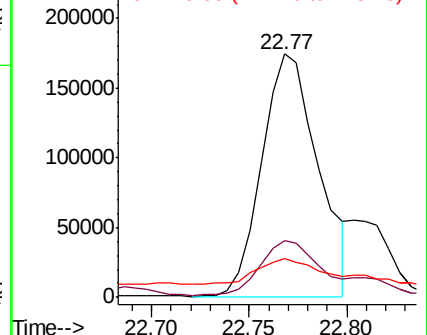
125 16.1 8.3 12.5#



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: 1.772 ng/ul

RT: 23.33 min Scan# 3459

Delta R.T. 0.01 min

Lab File: BN002917.D

Acq: 04 Oct 2018 00:54

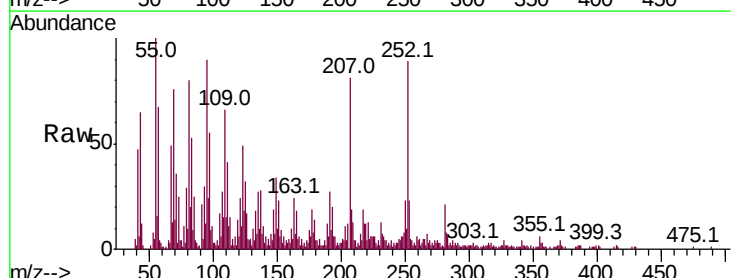
Tgt Ion:252 Resp: 55193

Ion Ratio Lower Upper

252 100

253 25.8 17.6 26.4

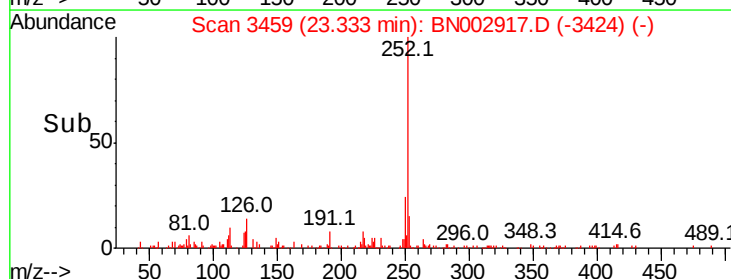
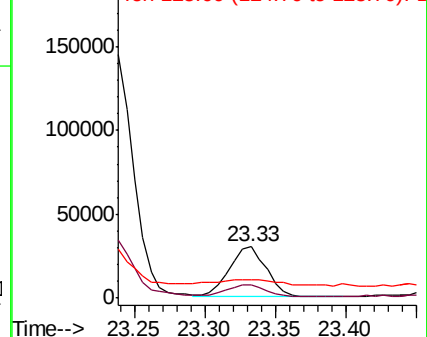
125 36.4 8.8 13.2#

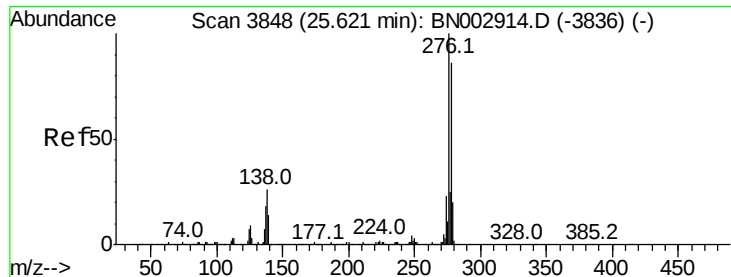


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



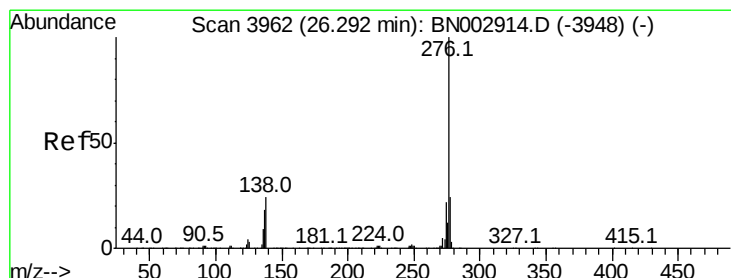
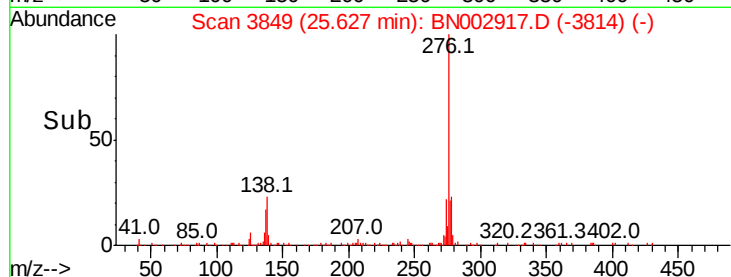
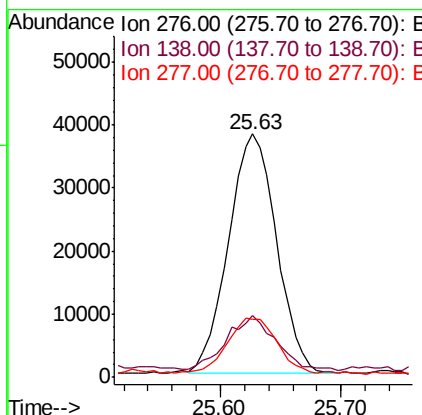
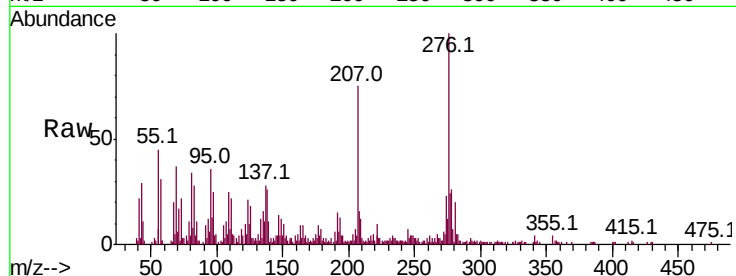


#91

Indeno(1,2,3-cd)pyrene
Concen: 2.847 ng/ul
RT: 25.63 min Scan# 3849
Delta R.T. 0.01 min
Lab File: BN002917.D
Acq: 04 Oct 2018 00:54

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.2	30.4
277	23.6	20.0	30.0



#93

Benzo(g,h,i)perylene
Concen: 4.159 ng/ul
RT: 26.30 min Scan# 3964
Delta R.T. 0.01 min
Lab File: BN002917.D
Acq: 04 Oct 2018 00:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	18.2	27.2
277	26.3	18.6	28.0

