

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
 Data File : BN002906.D
 Acq On : 03 Oct 2018 18:30
 Operator : MJ/SJ
 Sample : J5116-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 02:51:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 04 02:50:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	141102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	646694	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	373789	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	839583	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	739634	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	606868	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	13139	4.30	ng/uL	0.00
5) Phenol-d5	6.81	99	322607	26.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	201411	27.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	269893	27.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	253825	27.35	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	134280	26.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	156263	27.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	276814	27.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	263797	22.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	829583	28.35	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	1078954	28.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	112247	23.20	ng/ul	0.00
57) Fluorene-d10	15.26	176	749881	29.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	128720	24.51	ng/ul	0.00
70) Anthracene-d10	17.11	188	1137569	28.38	ng/ul	0.00
78) Pyrene-d10	19.42	212	1193250	30.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	909079	28.46	ng/ul	0.00

Target Compounds

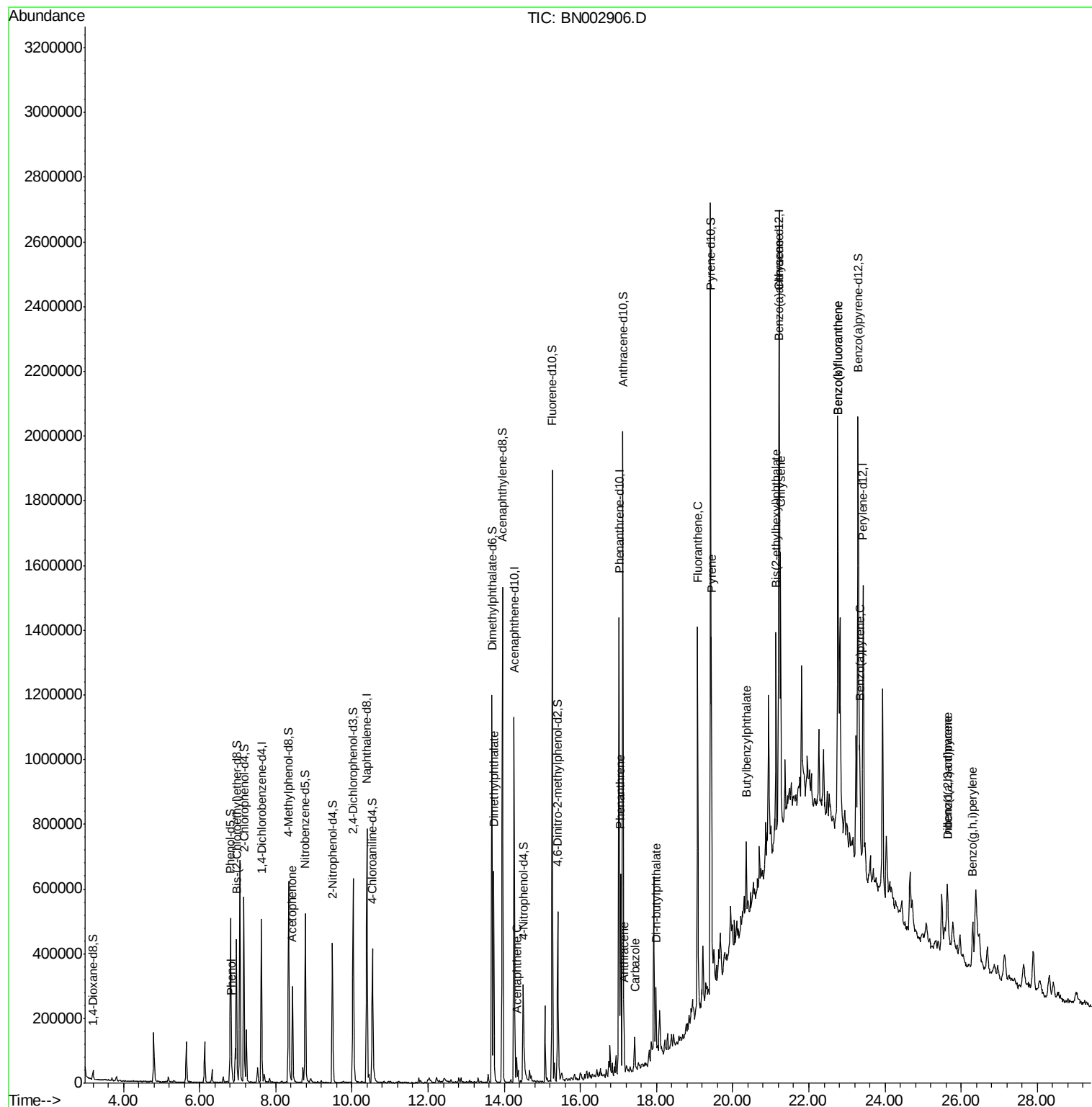
				Ovalue	
6) Phenol	6.84	94	13406	1.110 ng/ul#	87
14) Acetophenone	8.44	105	161061	11.265 ng/ul	98
44) Dimethylphthalate	13.72	163	417179	14.609 ng/ul	100
49) Acenaphthene	14.33	153	26007	1.023 ng/ul	99
69) Phenanthrene	17.06	178	364148	7.872 ng/ul	100
71) Anthracene	17.15	178	82062	1.750 ng/ul	97
74) Carbazole	17.43	167	58656	1.457 ng/ul	97
75) Di-n-butylphthalate	17.99	149	138131	2.860 ng/ul	99
76) Fluoranthene	19.08	202	693716	14.058 ng/ul	99
79) Pyrene	19.45	202	607539	12.423 ng/ul	98
80) Butylbenzylphthalate	20.36	149	65197	3.204 ng/ul	95
82) Benzo(a)anthracene	21.20	228	288445	6.269 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	242135	8.196 ng/ul	99
84) Chrysene	21.26	228	481942	11.175 ng/ul	97
87) Benzo(b)fluoranthene	22.77	252	522315	14.093 ng/ul#	94
88) Benzo(k)fluoranthene	22.77	252	522315	15.106 ng/ul#	96
90) Benzo(a)pyrene	23.33	252	217063	6.195 ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.63	276	175749	4.237 ng/ul	98
92) Dibenzo(a,h)anthracene	25.63	278	45061	1.289 ng/ul#	86
93) Benzo(g,h,i)perylene	26.30	276	161614	4.661 ng/ul	98

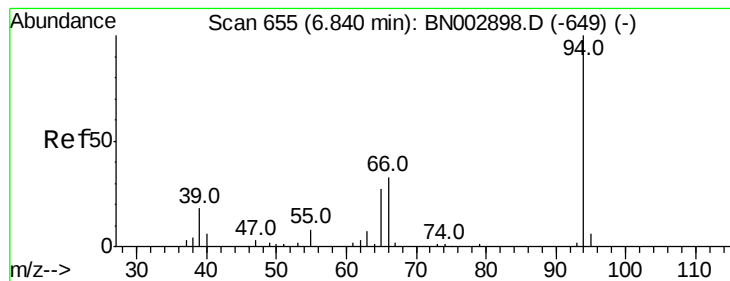
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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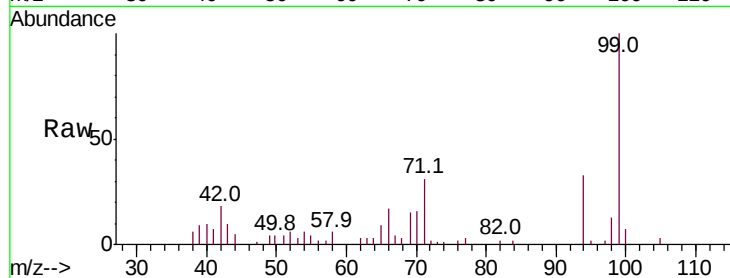
#6

Phenol

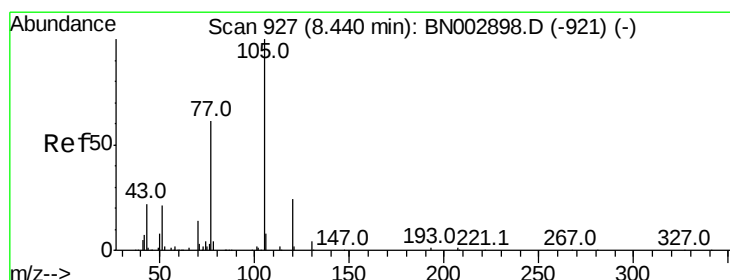
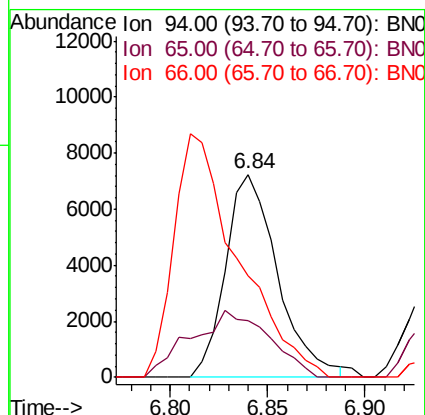
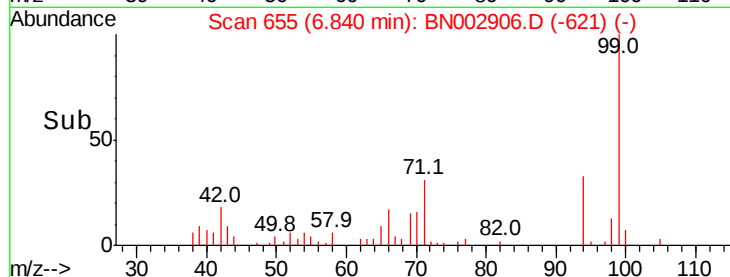
Concen: 1.110 ng/ul
 RT: 6.84 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BN002906.D
 Acq: 03 Oct 2018 18:30

Instrument :
 BNA_N
 ClientSampled :

Tot Ion: 94 Resp: 13406
 Ion Ratio Lower Upper
 94 100
 65 28.1 23.1 34.7
 66 50.0 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

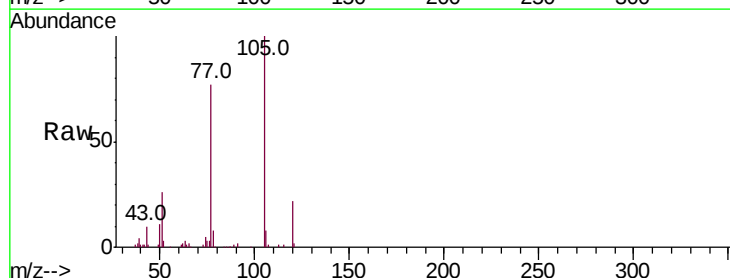


#14

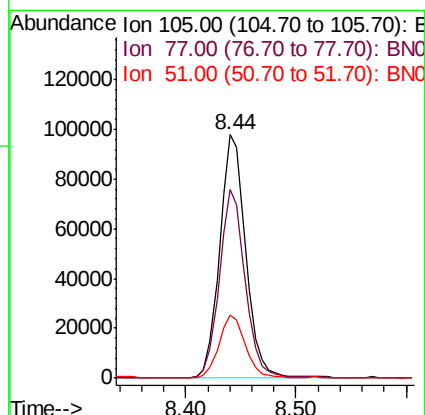
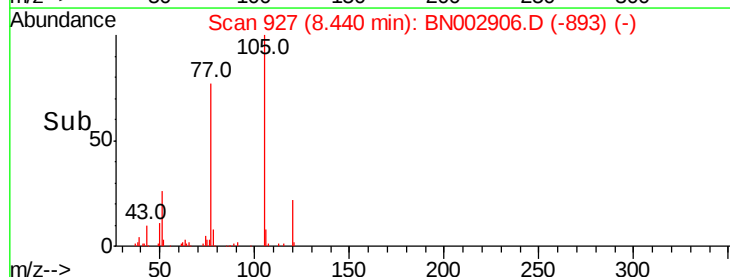
Acetophenone

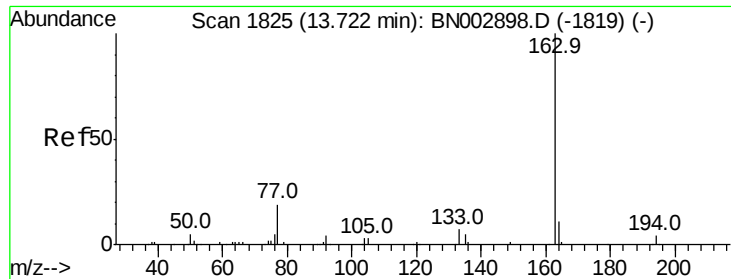
Concen: 11.265 ng/ul
 RT: 8.44 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BN002906.D
 Acq: 03 Oct 2018 18:30

Tgt Ion: 105 Resp: 161061
 Ion Ratio Lower Upper
 105 100
 77 77.3 62.9 94.3
 51 25.7 21.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BN0
 Ion 51.00 (50.70 to 51.70): BN0

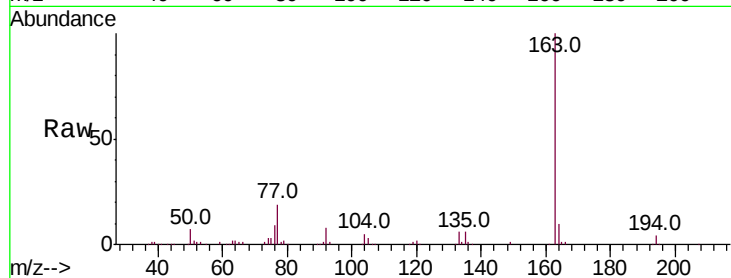




#44
Dimethylphthalate
Concen: 14.609 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BN002906.D
Acq: 03 Oct 2018 18:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.0	8.1	12.1

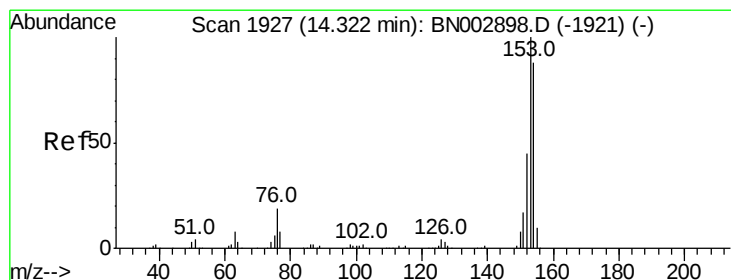
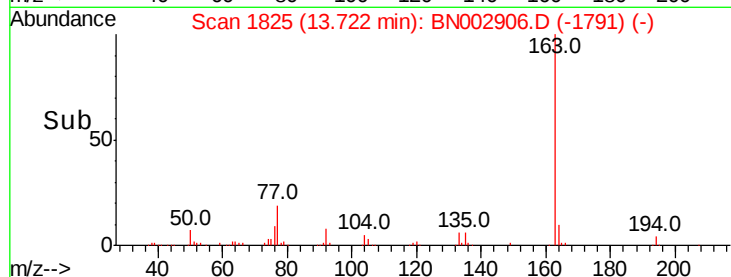
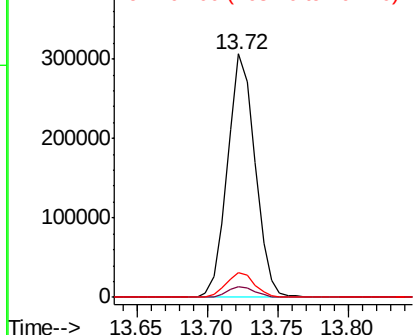


Abundance

Ion 163.00 (162.70 to 163.70): E

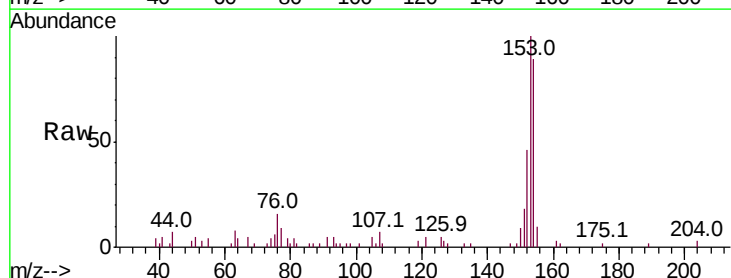
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49
Acenaphthene
Concen: 1.023 ng/ul
RT: 14.33 min Scan# 1928
Delta R.T. 0.01 min
Lab File: BN002906.D
Acq: 03 Oct 2018 18:30

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.1	37.8	56.6
154	89.4	70.9	106.3

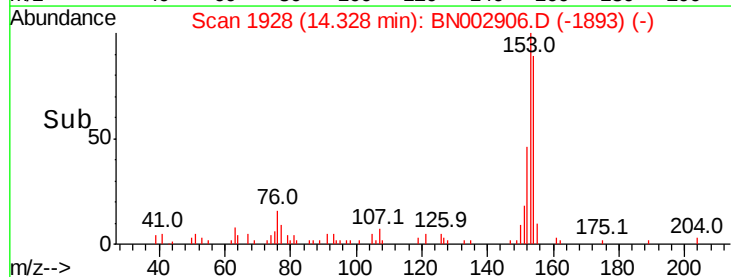
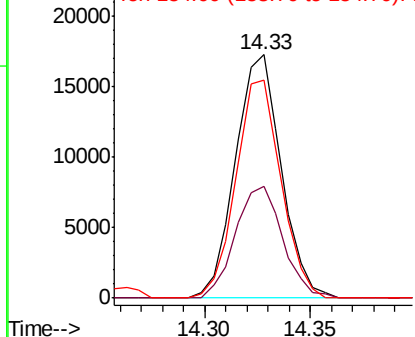


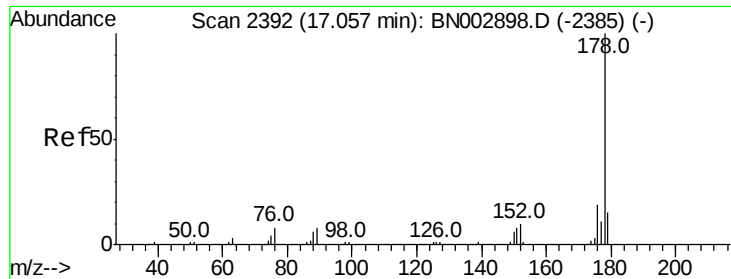
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#69

Phenanthrene

Concen: 7.872 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Instrument :

BNA_N

ClientSampleId :

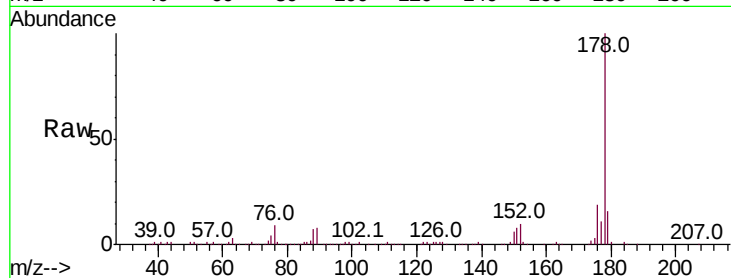
Tot Ion:178 Resp: 364148

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

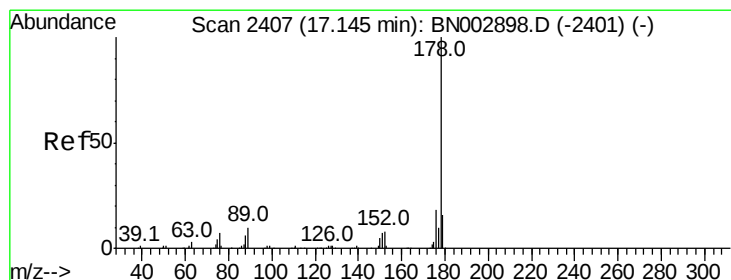
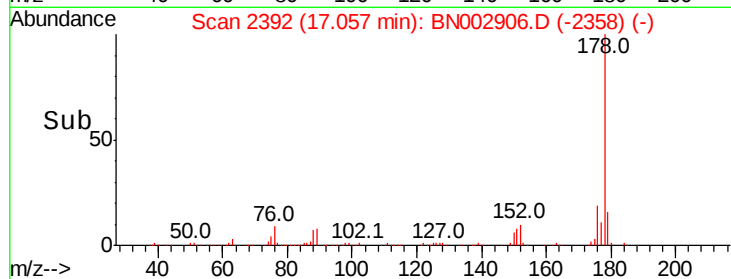
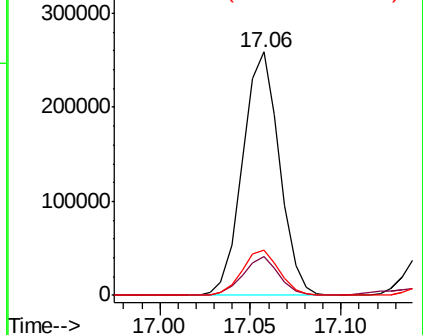
176 18.8 15.0 22.6



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: 1.750 ng/ul

RT: 17.15 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

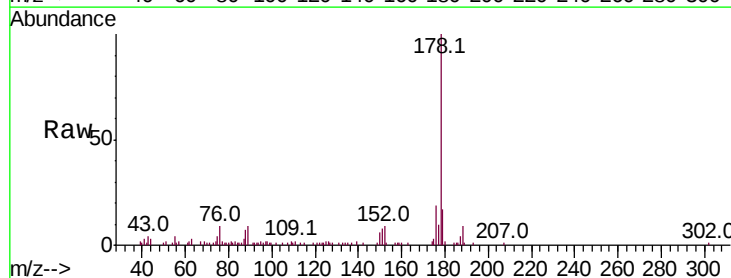
Tgt Ion:178 Resp: 82062

Ion Ratio Lower Upper

178 100

179 17.1 12.0 18.0

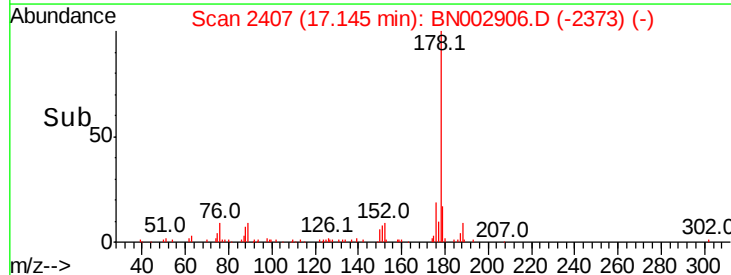
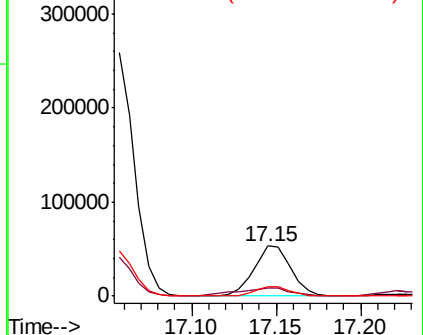
176 19.5 15.0 22.4

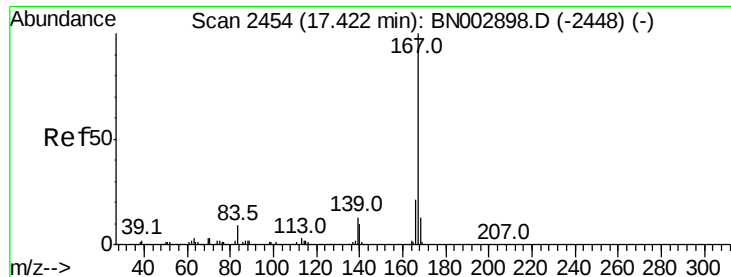


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 1.457 ng/ul

RT: 17.43 min Scan# 2455

Delta R.T. 0.01 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Instrument :

BNA_N

ClientSampled :

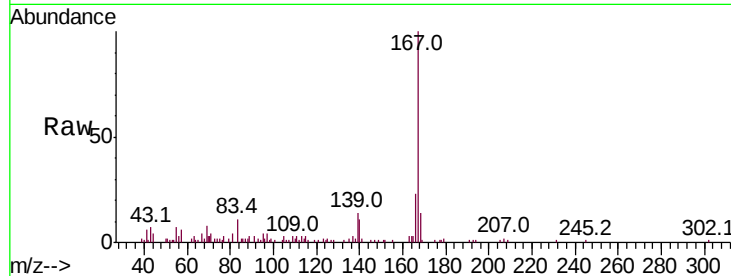
Tot Ion:167 Resp: 58656

Ion Ratio Lower Upper

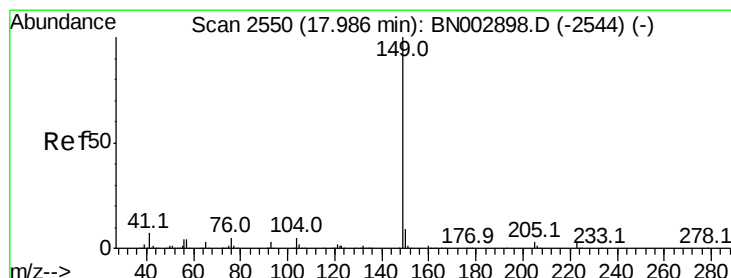
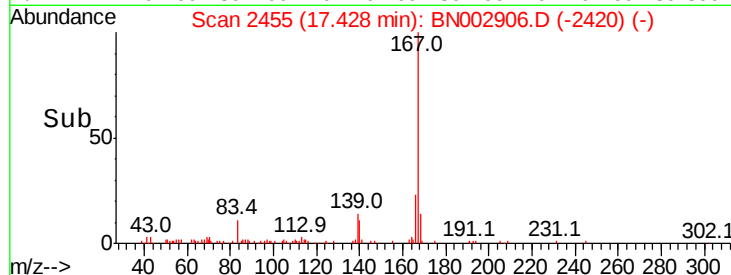
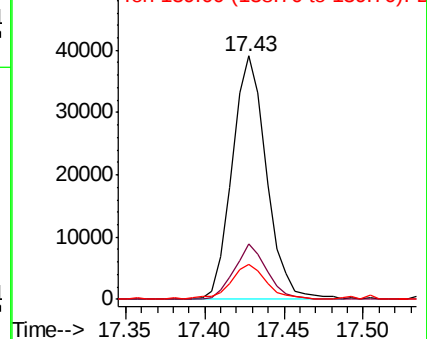
167 100

166 22.6 17.0 25.6

139 14.2 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#75

Di-n-butylphthalate

Concen: 2.860 ng/ul

RT: 17.99 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

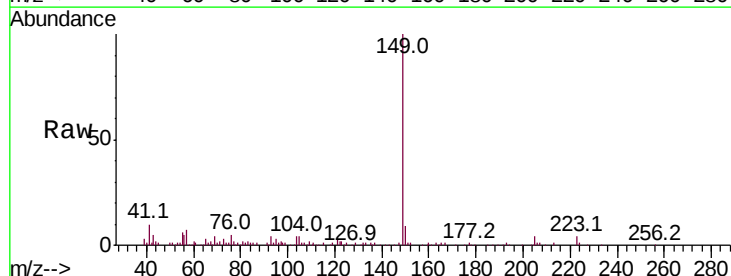
Tgt Ion:149 Resp: 138131

Ion Ratio Lower Upper

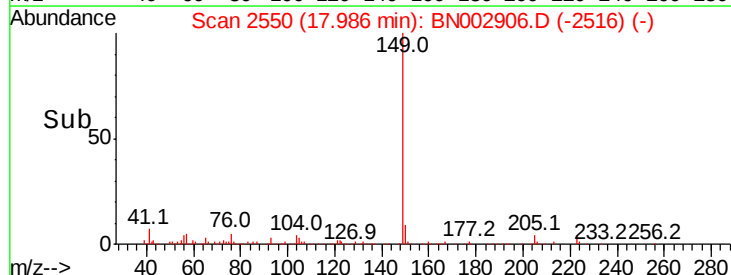
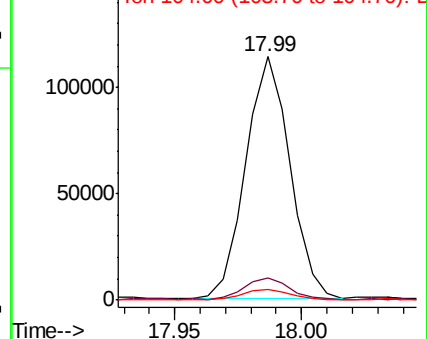
149 100

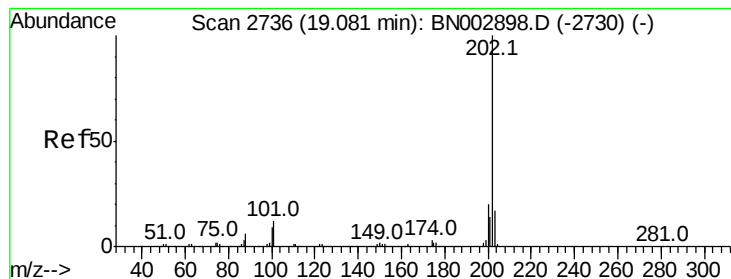
150 8.9 7.3 10.9

104 4.4 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: 14.058 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Instrument :

BNA_N

ClientSampleId :

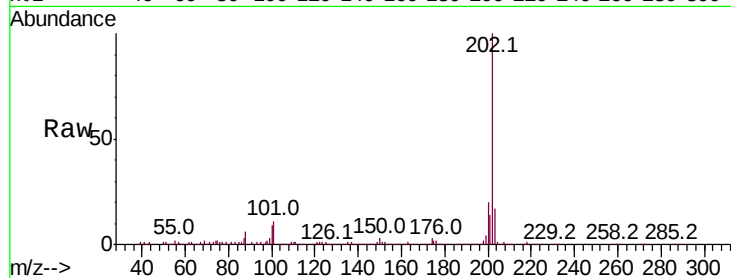
Tot Ion:202 Resp: 693716

Ion Ratio Lower Upper

202 100

101 11.2 9.4 14.2

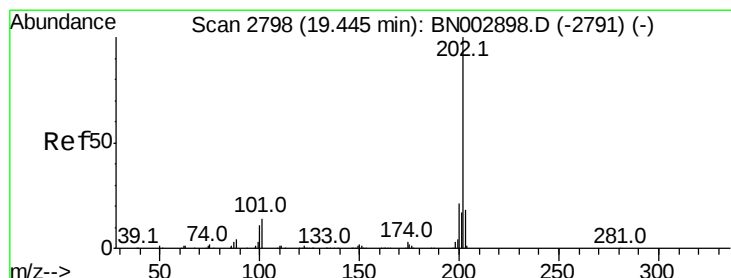
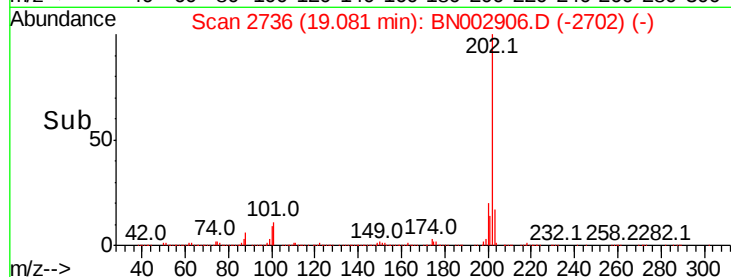
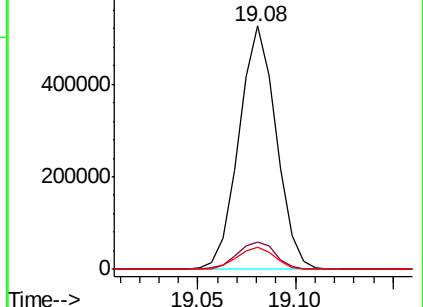
100 8.9 7.0 10.6



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: 12.423 ng/ul

RT: 19.45 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

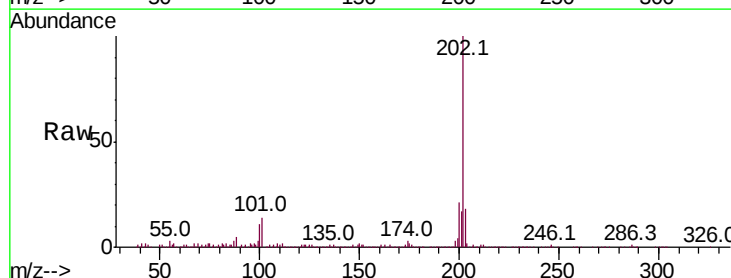
Tgt Ion:202 Resp: 607539

Ion Ratio Lower Upper

202 100

101 13.7 10.8 16.2

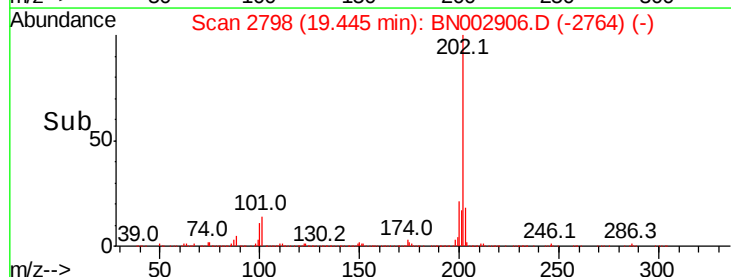
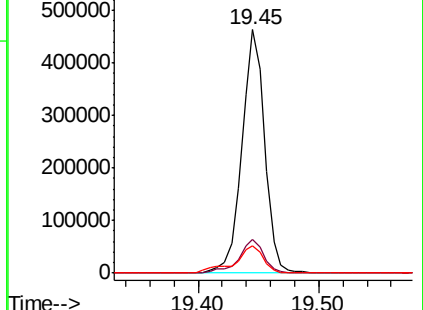
100 11.2 8.2 12.2

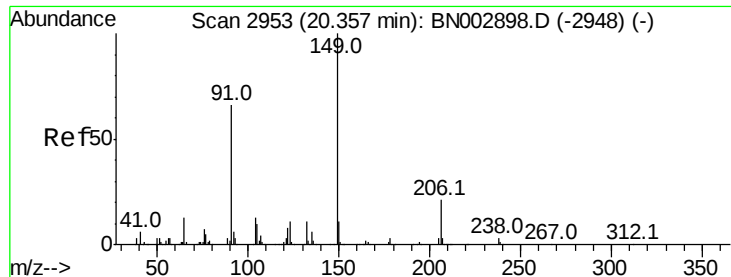


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

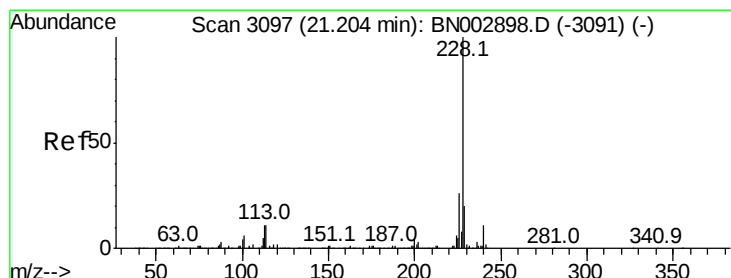
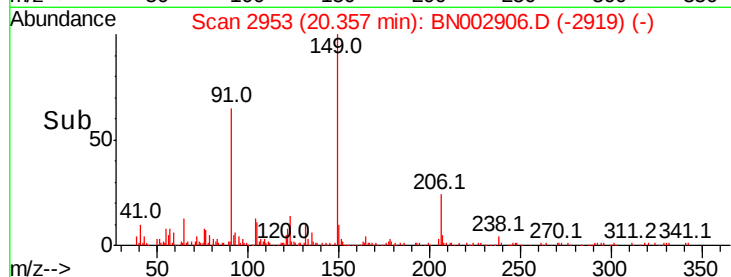
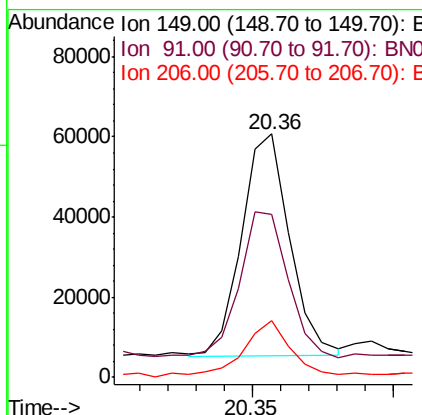
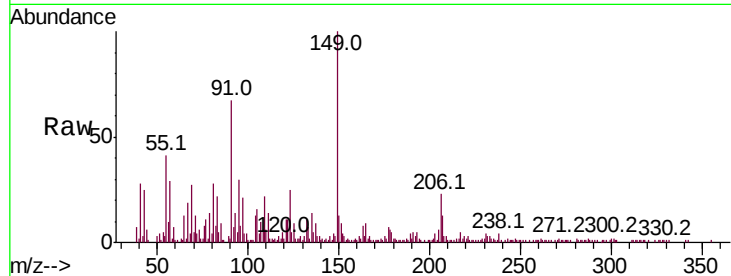




#80
Butylbenzylphthalate
Concen: 3.204 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. 0.00 min
Lab File: BN002906.D
Acq: 03 Oct 2018 18:30

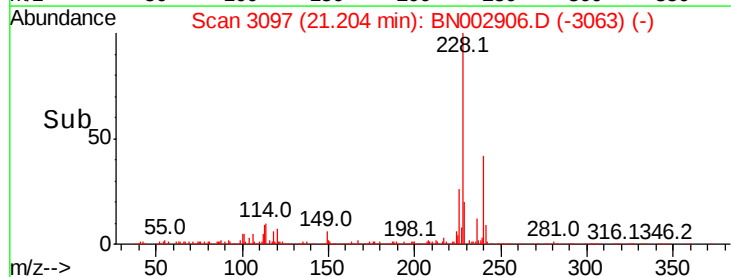
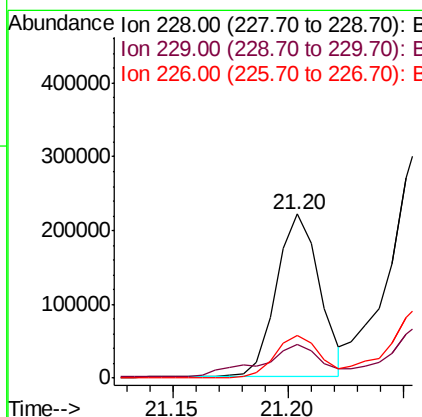
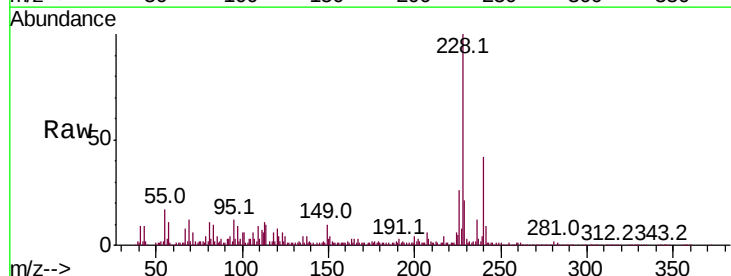
Instrument :
BNA_N
ClientSampleId :

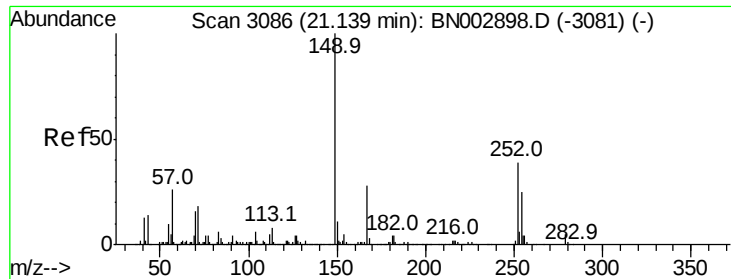
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.7	56.3	84.5
206	23.1	16.8	25.2



#82
Benzo(a)anthracene
Concen: 6.269 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BN002906.D
Acq: 03 Oct 2018 18:30

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	26.2	20.9	31.3

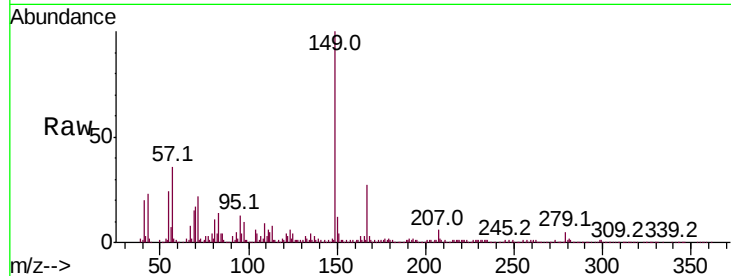




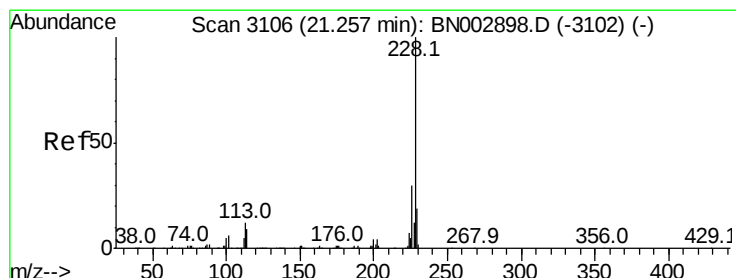
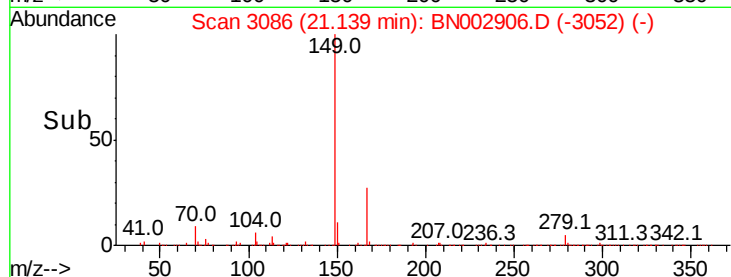
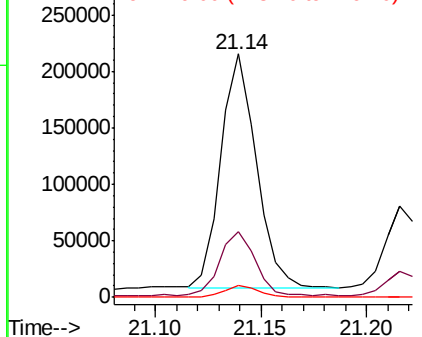
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.196 ng/ul
 RT: 21.14 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: BN002906.D
 Acq: 03 Oct 2018 18:30

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.0	33.0
279	4.7	3.3	4.9

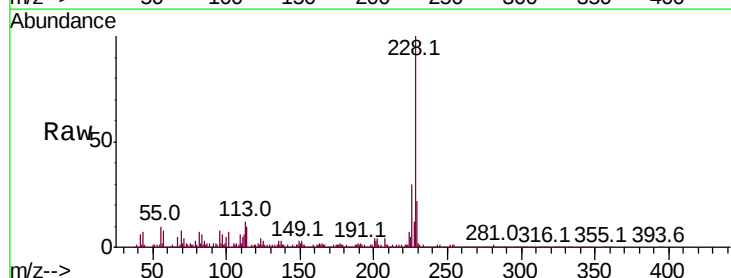


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

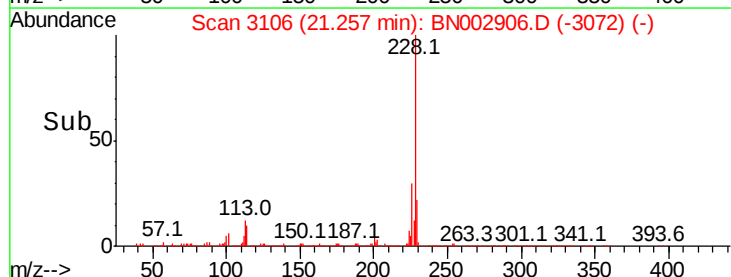
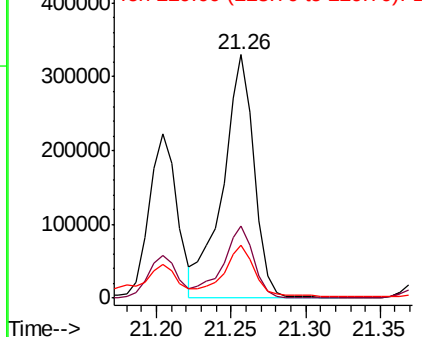


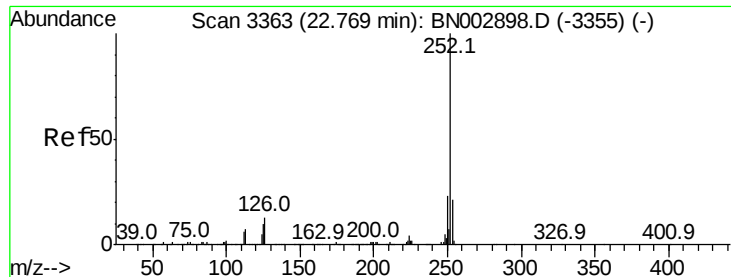
#84
 Chrysene
 Concen: 11.175 ng/ul
 RT: 21.26 min Scan# 3106
 Delta R.T. 0.00 min
 Lab File: BN002906.D
 Acq: 03 Oct 2018 18:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	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





#87

Benzo(b)fluoranthene

Concen: 14.093 ng/ul

RT: 22.77 min Scan# 3364

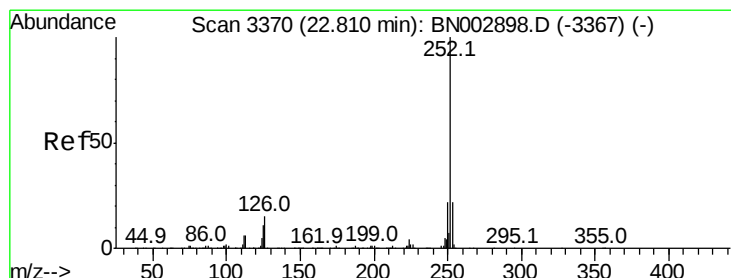
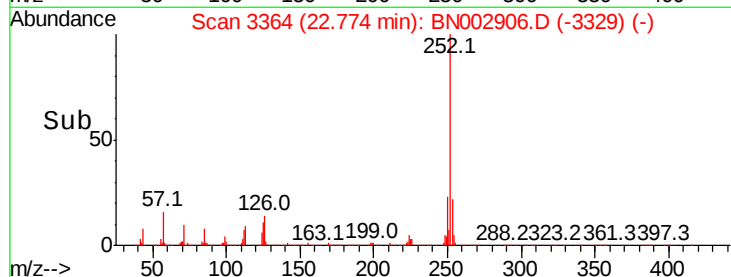
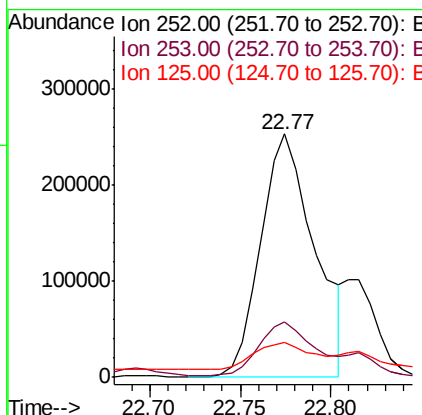
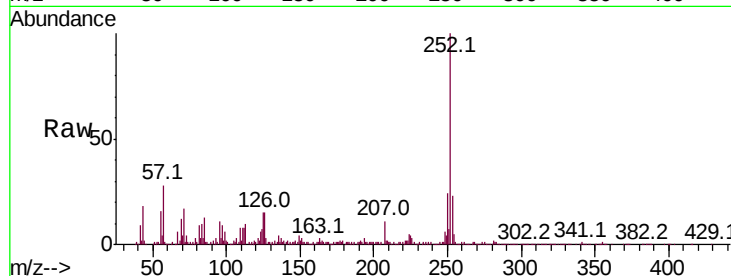
Delta R.T. 0.01 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	14.5	8.0	12.0



#88

Benzo(k)fluoranthene

Concen: 15.106 ng/ul

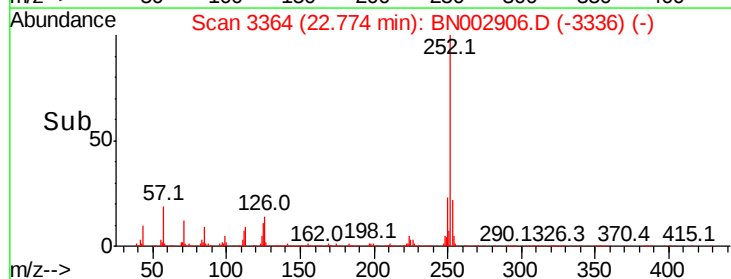
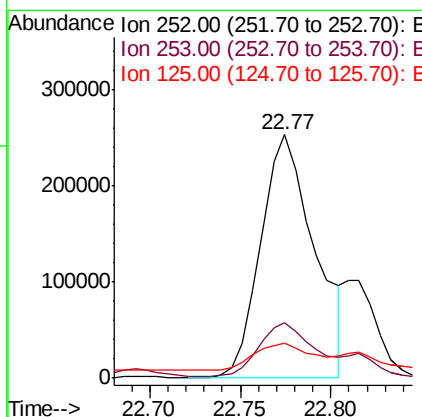
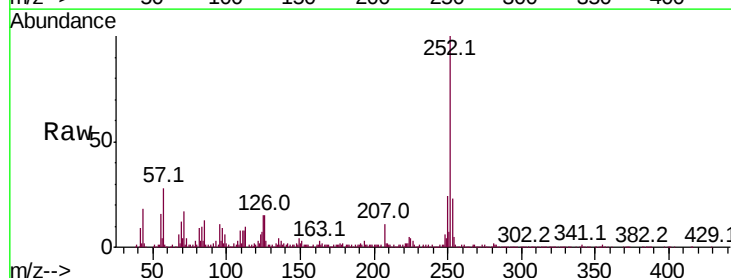
RT: 22.77 min Scan# 3364

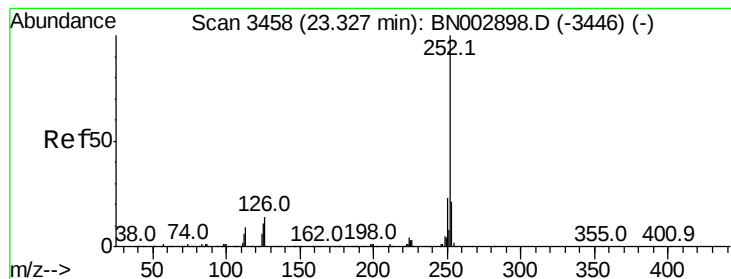
Delta R.T. -0.04 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	14.5	8.3	12.5





#90

Benzo(a)pyrene

Concen: 6.195 ng/ul

RT: 23.33 min Scan# 3459

Delta R.T. 0.01 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Instrument :

BNA_N

ClientSampled :

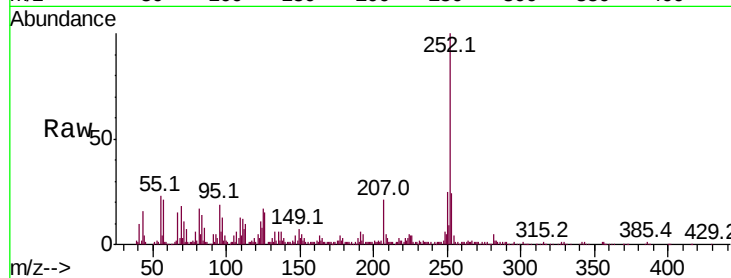
Tot Ion:252 Resp: 217063

Ion Ratio Lower Upper

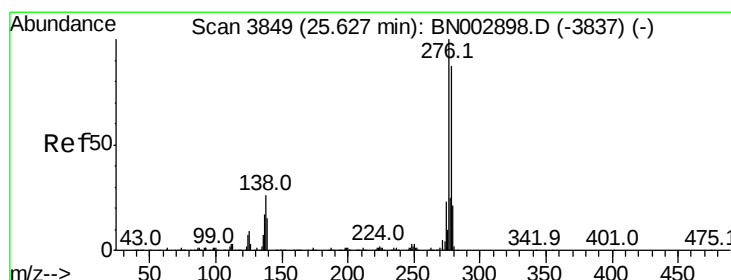
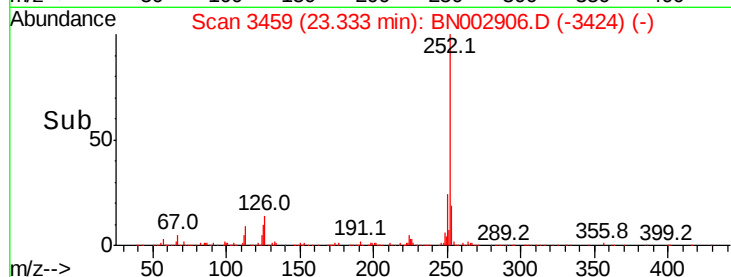
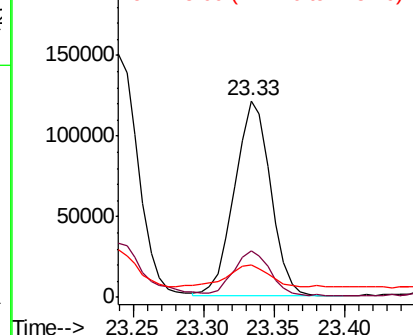
252 100

253 23.6 17.6 26.4

125 16.6 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: 4.237 ng/ul

RT: 25.63 min Scan# 3850

Delta R.T. 0.01 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

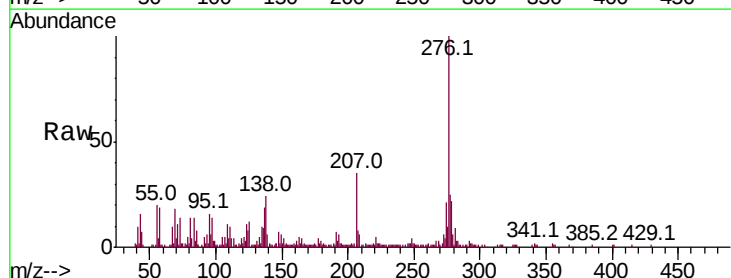
Tgt Ion:276 Resp: 175749

Ion Ratio Lower Upper

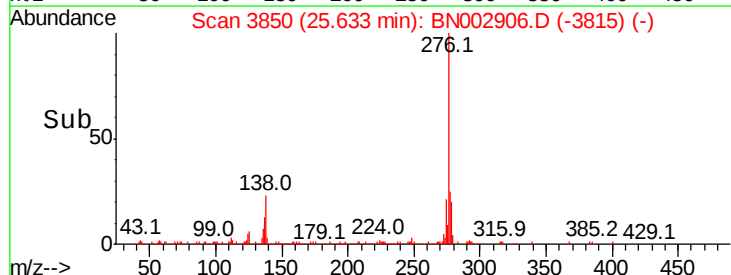
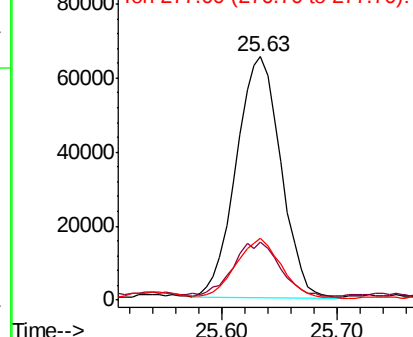
276 100

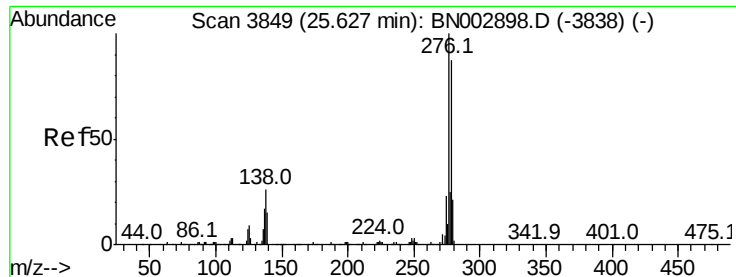
138 23.9 20.2 30.4

277 25.4 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: 1.289 ng/ul

RT: 25.63 min Scan# 3850

Delta R.T. 0.01 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Instrument :

BNA_N

ClientSampleId :

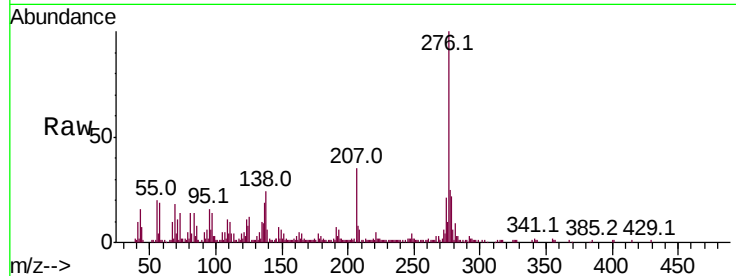
Tot Ion:278 Resp: 45061

Ion Ratio Lower Upper

278 100

139 27.4 12.7 19.1#

279 26.1 18.7 28.1

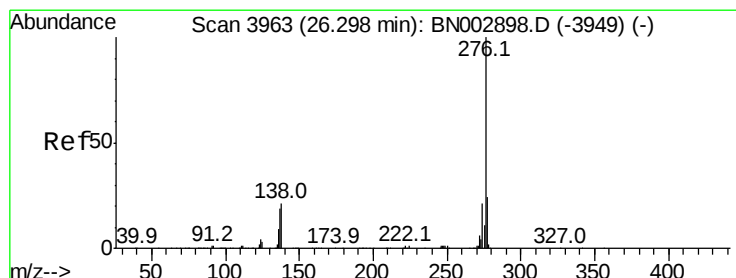
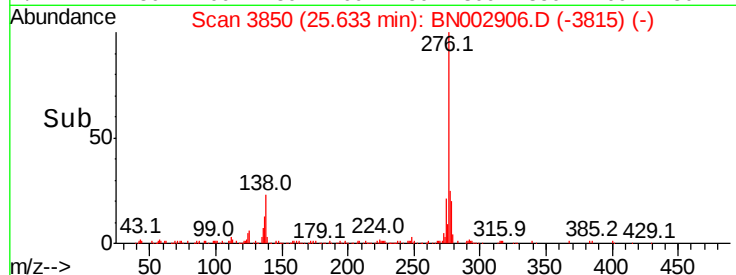
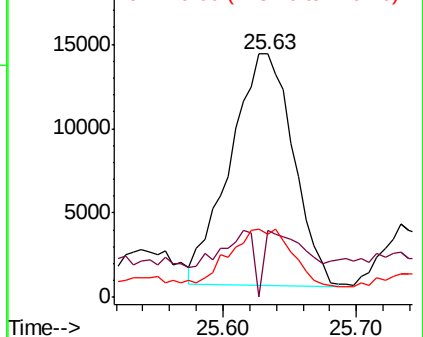


Abundance

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: 4.661 ng/ul

RT: 26.30 min Scan# 3964

Delta R.T. 0.01 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

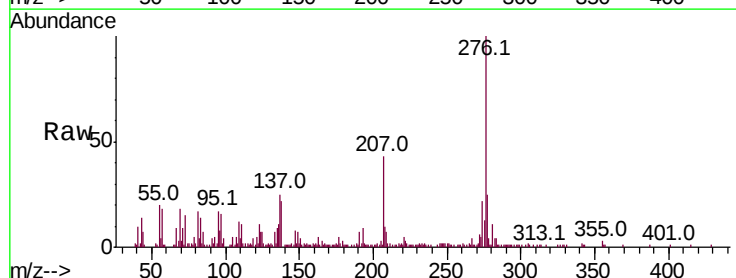
Tgt Ion:276 Resp: 161614

Ion Ratio Lower Upper

276 100

138 22.5 18.2 27.2

277 25.1 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

