

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005870.D
 Acq On : 23 May 2019 02:58
 Operator : JU/SJ
 Sample : K2927-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 23 05:09:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	75385	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	328016	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	231248	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	603730	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	710351	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	784675	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	2717	2.02	ng/uL	0.00
5) Phenol-d5	6.77	99	61230	10.51	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	40458	13.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	56198	12.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	46652	9.36	ng/ul	0.01
19) Nitrobenzene-d5	8.72	128	29628	12.44	ng/ul	0.01
22) 2-Nitrophenol-d4	9.43	143	28512	10.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	61050	11.63	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	53523	9.18	ng/ul	0.02
43) Dimethylphthalate-d6	13.62	166	250661	14.09	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	303055	14.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	553	0.22	ng/ul	0.11
57) Fluorene-d10	15.20	176	236092	15.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	12392	3.41	ng/ul	0.02
70) Anthracene-d10	17.06	188	379124	14.54	ng/ul	0.00
78) Pyrene-d10	19.37	212	458611	13.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	492353	13.99	ng/ul	0.00

Target Compounds

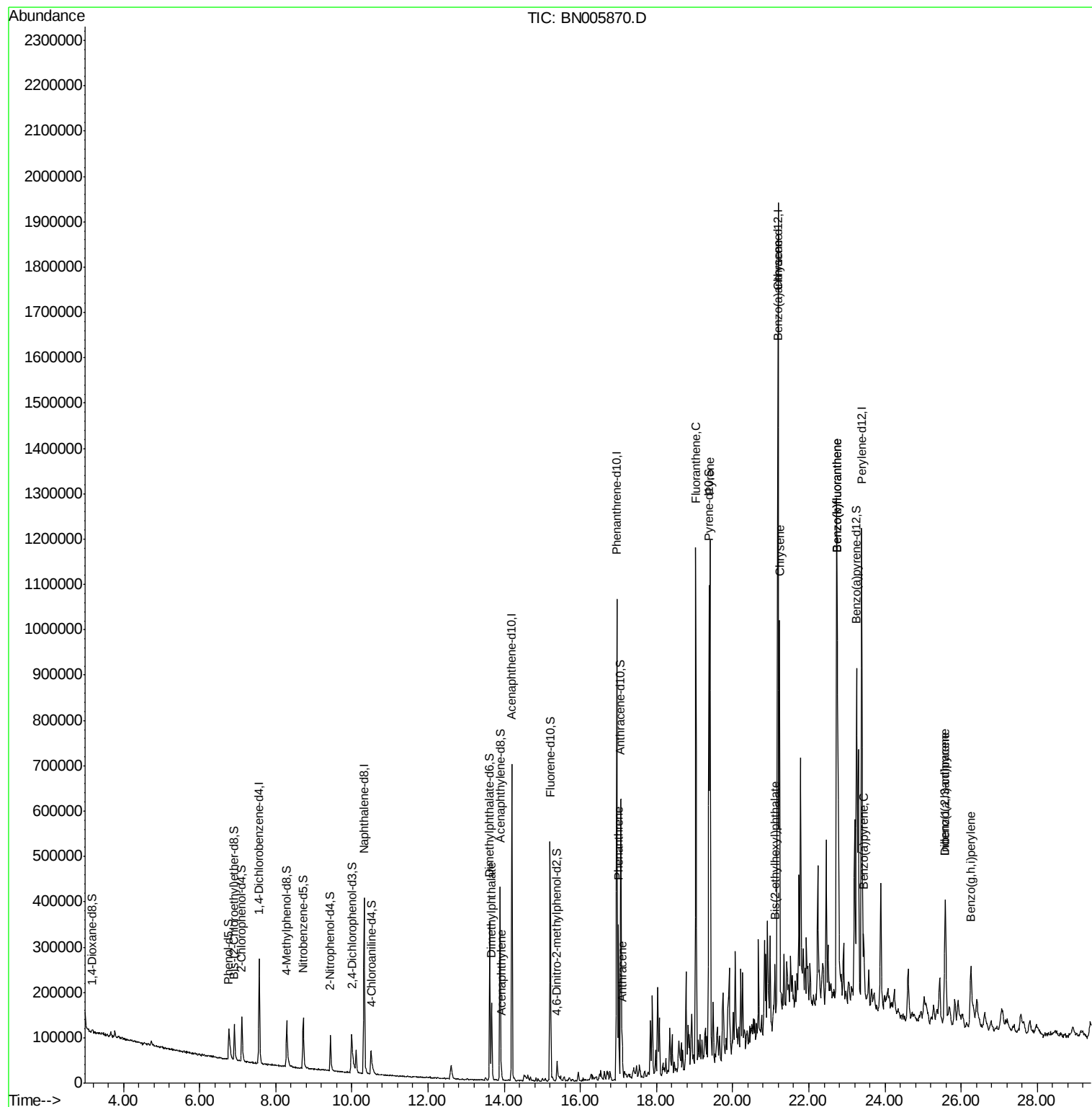
					Ovalue	
44) Dimethylphthalate	13.67	163	123766	7.055	ng/ul	98
47) Acenaphthylene	13.92	152	22151	1.064	ng/ul	98
69) Phenanthrene	17.00	178	200922	6.714	ng/ul	99
71) Anthracene	17.10	178	46352	1.521	ng/ul	97
76) Fluoranthene	19.03	202	700613	18.936	ng/ul#	88
79) Pyrene	19.40	202	728353	16.697	ng/ul#	86
82) Benzo(a)anthracene	21.17	228	499842	11.169	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.11	149	32778	1.293	ng/ul#	96
84) Chrysene	21.23	228	495706	11.750	ng/ul	97
87) Benzo(b)fluoranthene	22.75	252	608422	14.094	ng/ul#	96
88) Benzo(k)fluoranthene	22.75	252	608422	14.566	ng/ul#	97
90) Benzo(a)pyrene	23.44	252	85853	2.054	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.59	276	251595	4.923	ng/ul#	91
92) Dibenzo(a,h)anthracene	25.57	278	73186	1.701	ng/ul#	84
93) Benzo(g,h,i)perylene	26.25	276	161363	3.777	ng/ul#	88

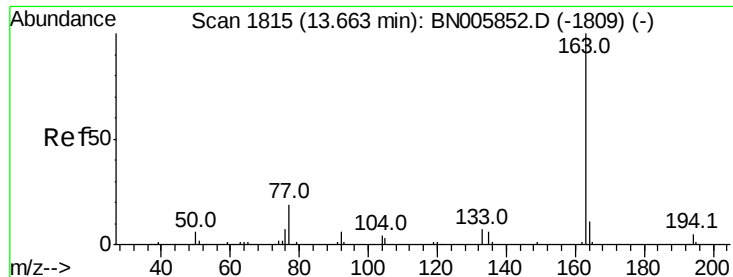
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
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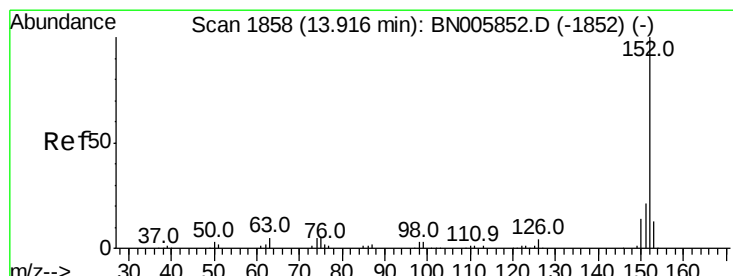
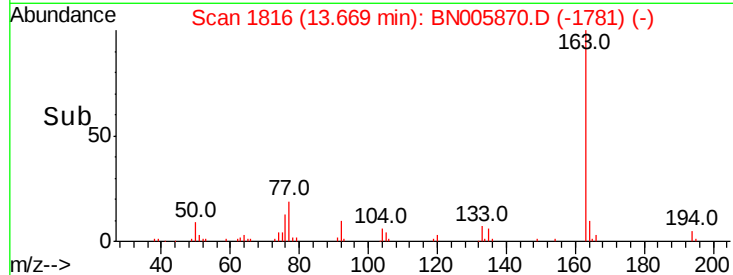
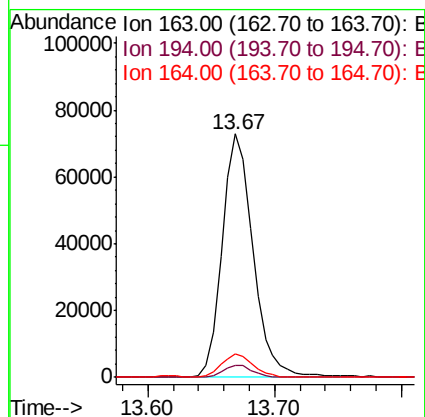
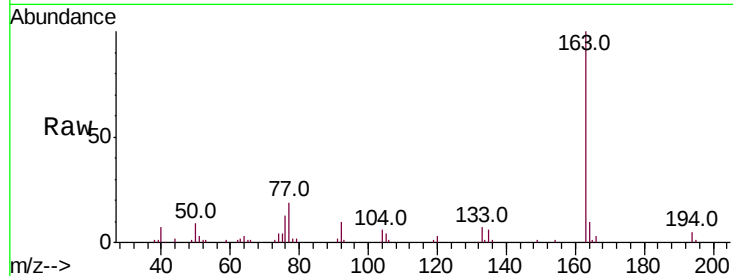




#44
 Dimethylphthalate
 Concen: 7.055 ng/ul
 RT: 13.67 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: BN005870.D
 Acq: 23 May 2019 02:58

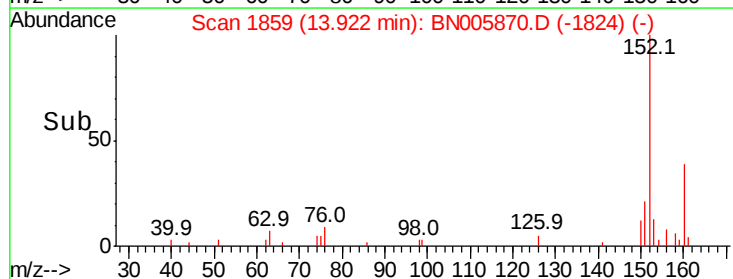
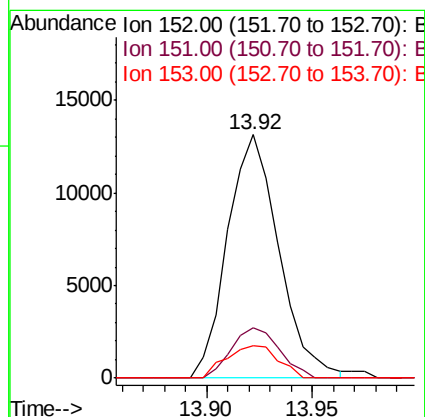
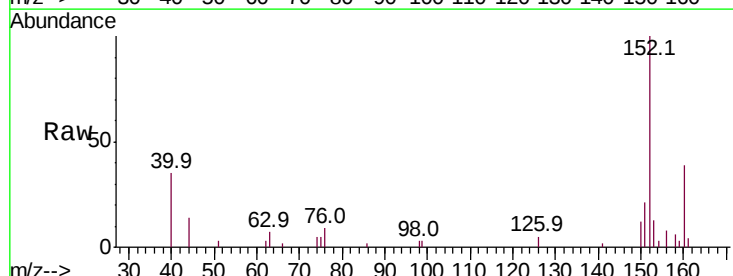
Instrument :
 BNA_N
 ClientSampled :

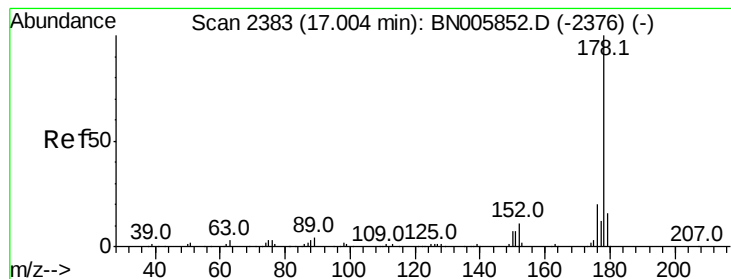
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.0
164	9.6	8.1	12.1



#47
 Acenaphthylene
 Concen: 1.064 ng/ul
 RT: 13.92 min Scan# 1859
 Delta R.T. 0.01 min
 Lab File: BN005870.D
 Acq: 23 May 2019 02:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.8
153	13.1	9.8	14.8





#69

Phenanthrene

Concen: 6.714 ng/ul

RT: 17.00 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BN005870.D

Acq: 23 May 2019 02:58

Instrument :

BNA_N

ClientSampleId :

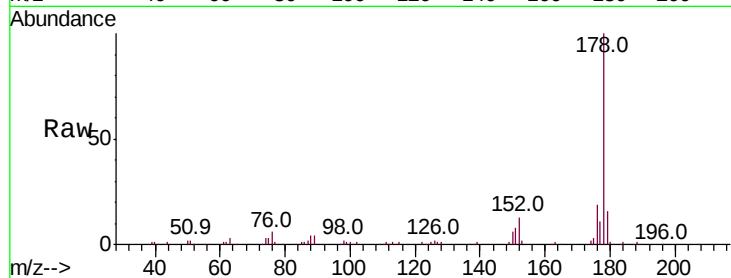
Tot Ion:178 Resp: 200922

Ion Ratio Lower Upper

178 100

179 16.2 12.2 18.4

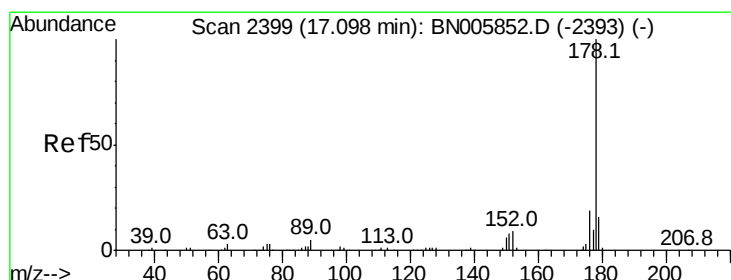
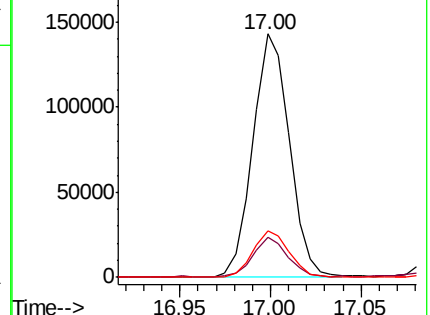
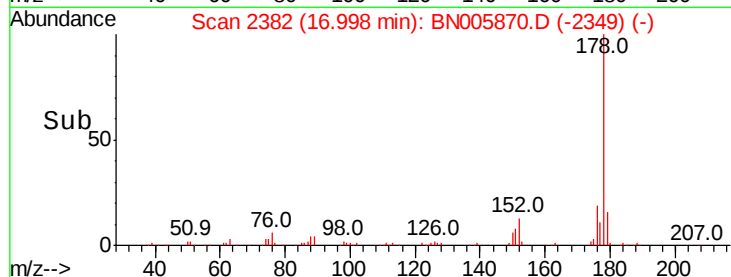
176 19.3 15.1 22.7



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: 1.521 ng/ul

RT: 17.10 min Scan# 2399

Delta R.T. 0.01 min

Lab File: BN005870.D

Acq: 23 May 2019 02:58

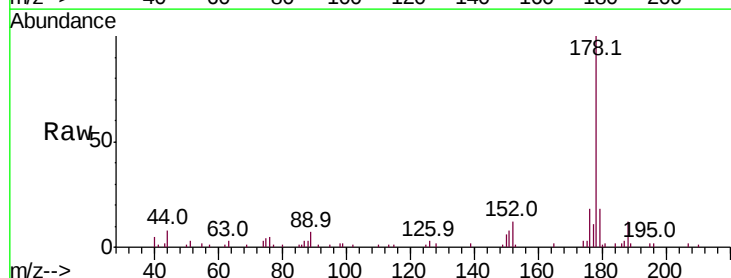
Tgt Ion:178 Resp: 46352

Ion Ratio Lower Upper

178 100

179 17.7 12.3 18.5

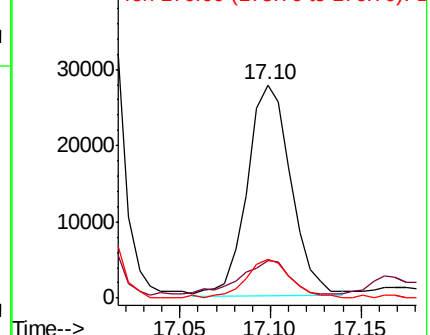
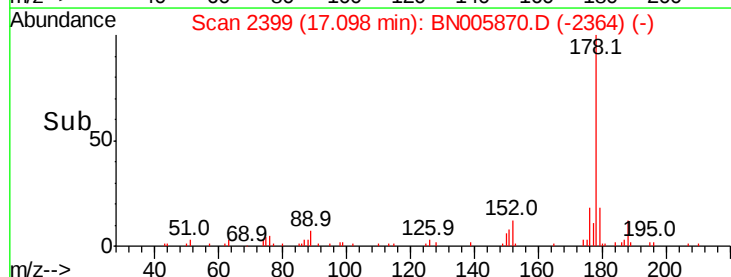
176 18.5 15.1 22.7

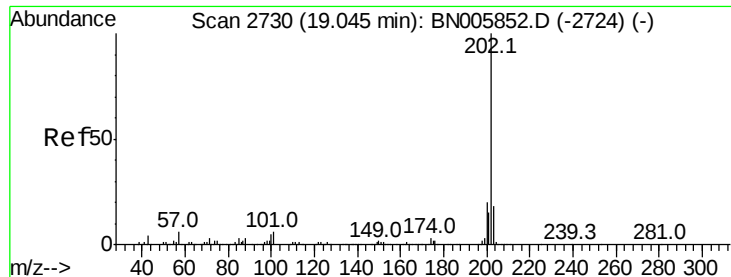


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 18.936 ng/ul

RT: 19.03 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BN005870.D

Acq: 23 May 2019 02:58

Instrument :

BNA_N

ClientSampleId :

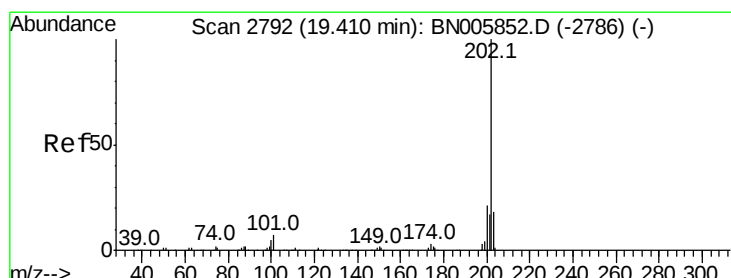
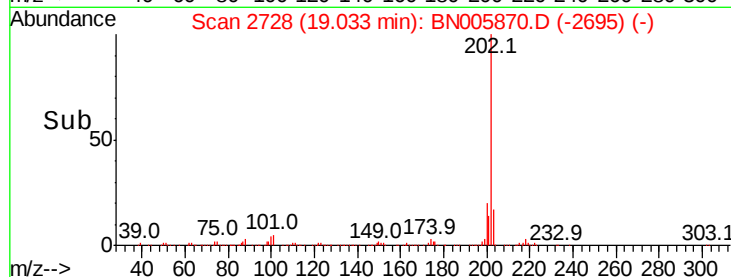
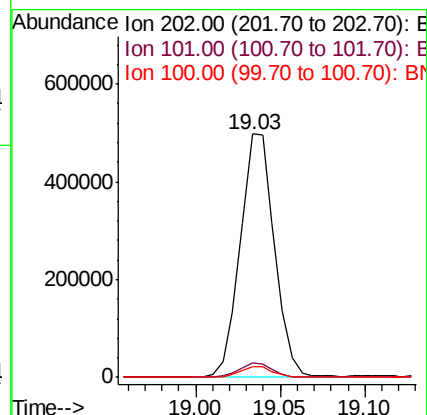
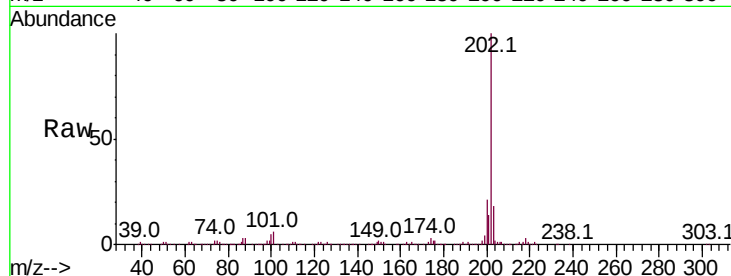
Tot Ion:202 Resp: 700613

Ion Ratio Lower Upper

202 100

101 5.7 8.6 12.8#

100 4.5 6.3 9.5#



#79

Pyrene

Concen: 16.697 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BN005870.D

Acq: 23 May 2019 02:58

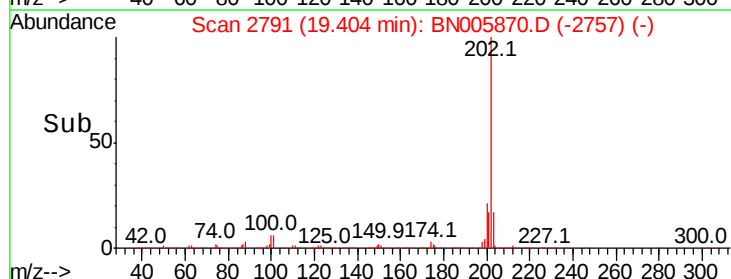
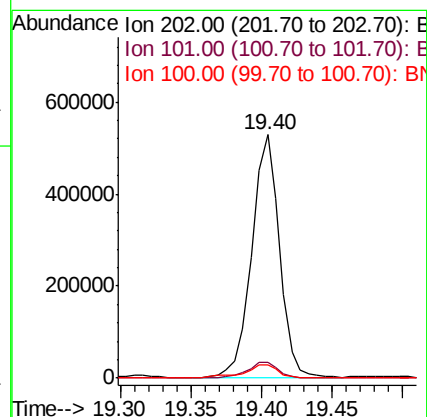
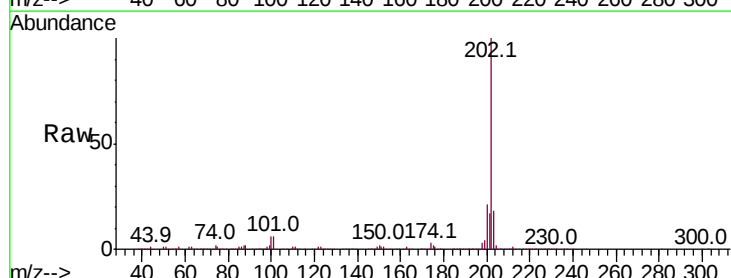
Tgt Ion:202 Resp: 728353

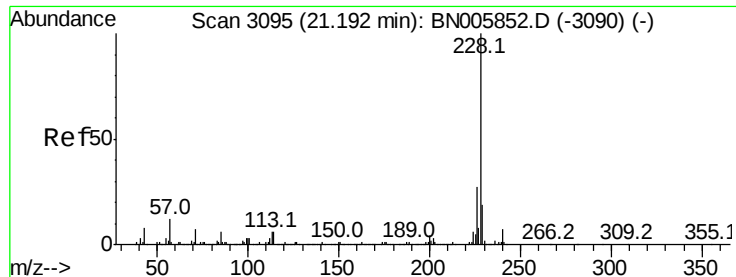
Ion Ratio Lower Upper

202 100

101 6.3 10.3 15.5#

100 5.7 7.9 11.9#





#82

Benzo(a)anthracene

Concen: 11.169 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN005870.D

Acq: 23 May 2019 02:58

Instrument :

BNA_N

ClientSampled :

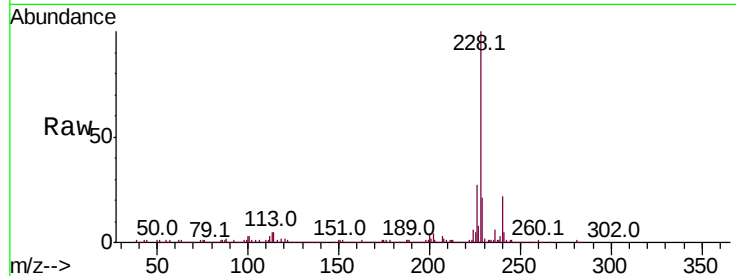
Tot Ion:228 Resp: 499842

Ion Ratio Lower Upper

228 100

229 20.9 15.8 23.6

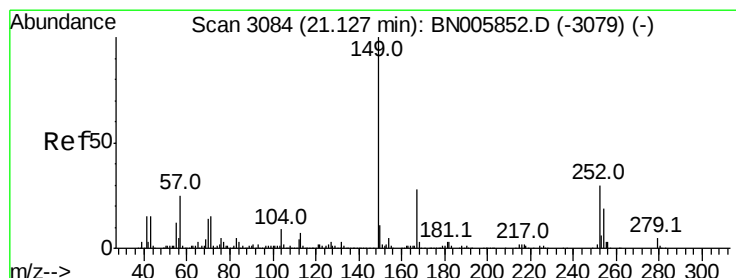
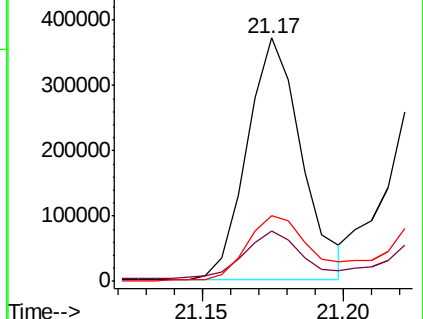
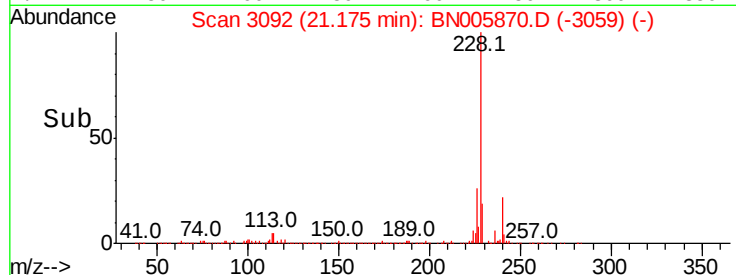
226 26.8 21.4 32.2



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: 1.293 ng/ul

RT: 21.11 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BN005870.D

Acq: 23 May 2019 02:58

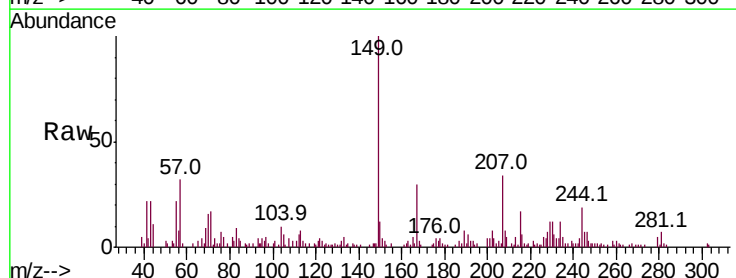
Tgt Ion:149 Resp: 32778

Ion Ratio Lower Upper

149 100

167 29.8 22.3 33.5

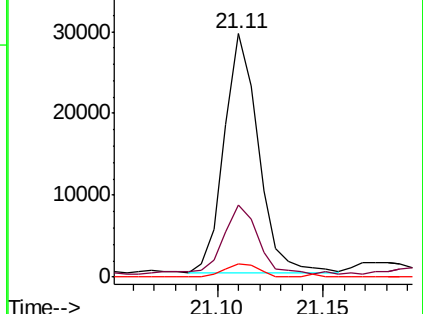
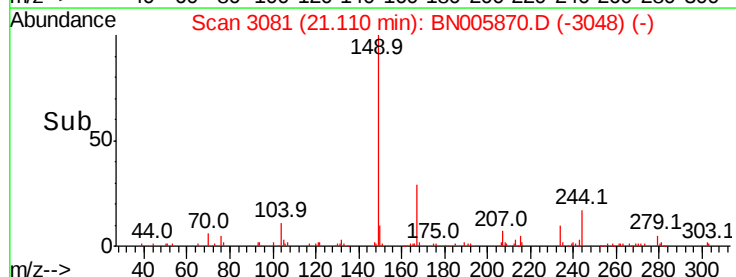
279 5.3 3.3 4.9#

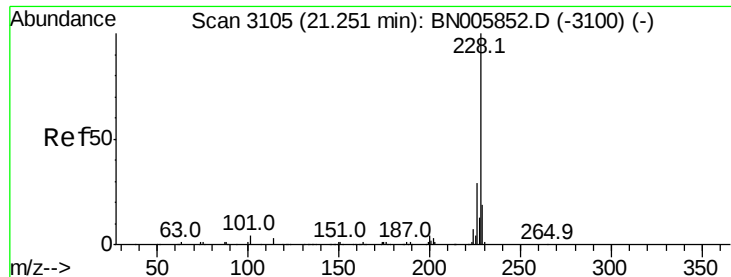


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 11.750 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BN005870.D

Acq: 23 May 2019 02:58

Instrument :

BNA_N

ClientSampled :

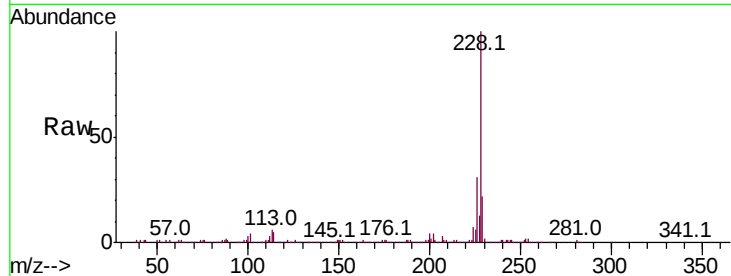
Tot Ion:228 Resp: 495706

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

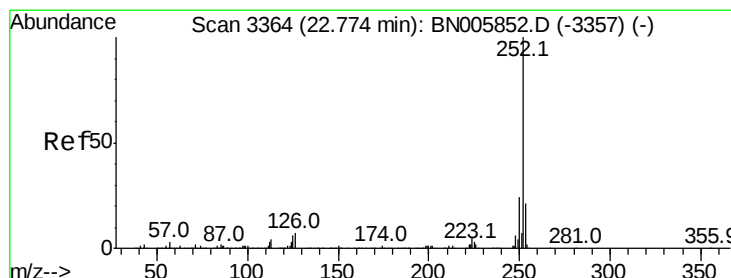
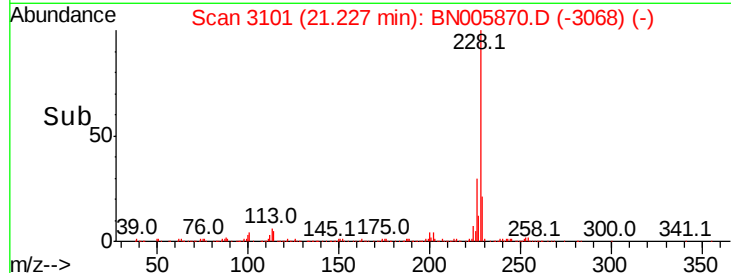
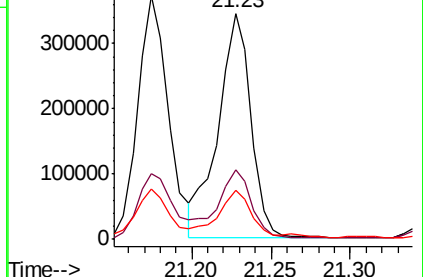
229 21.7 15.4 23.0



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: 14.094 ng/ul

RT: 22.75 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BN005870.D

Acq: 23 May 2019 02:58

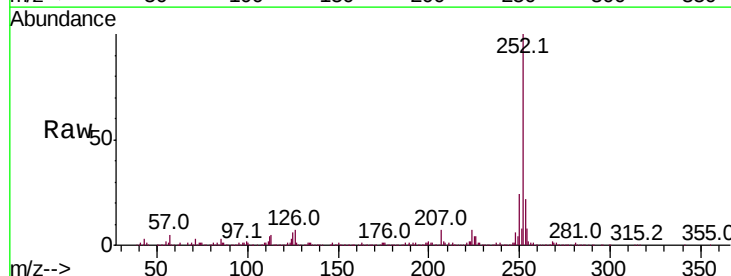
Tgt Ion:252 Resp: 608422

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

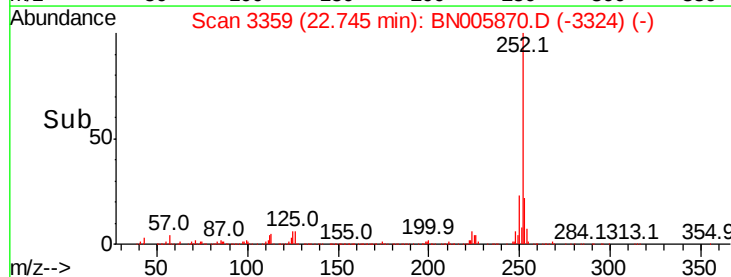
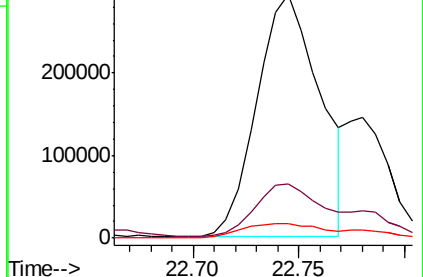
125 6.2 8.4 12.6#

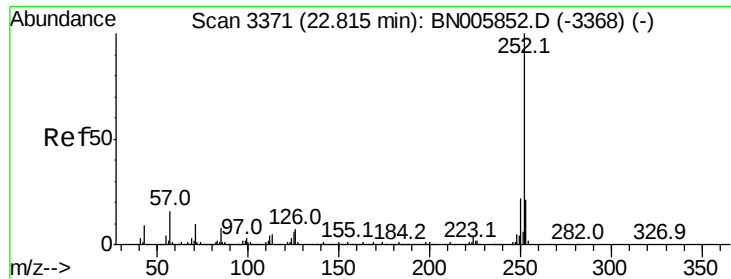


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

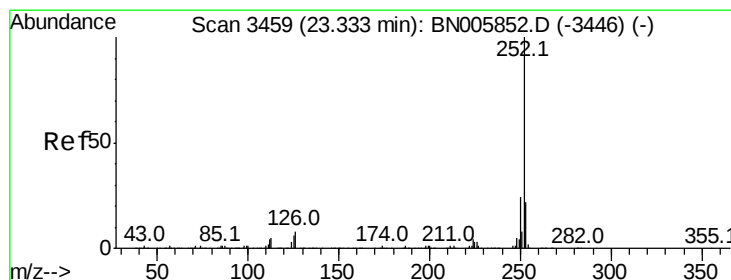
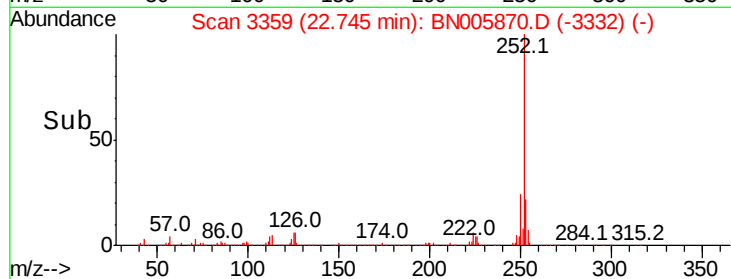
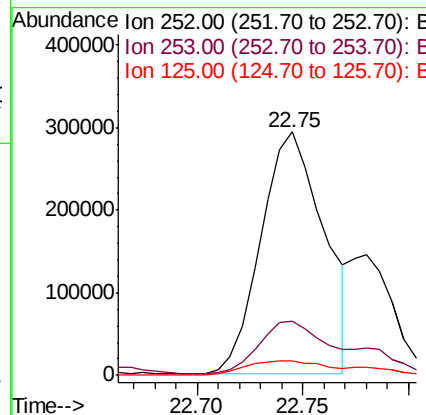
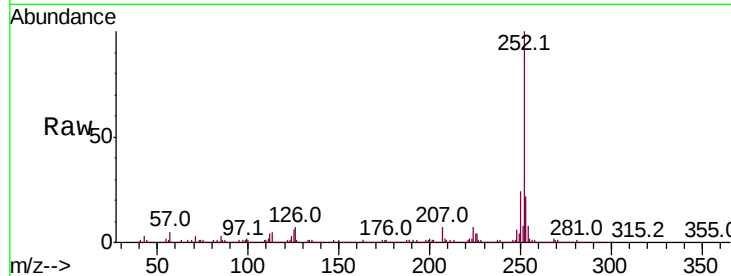




#88
Benzo(k)fluoranthene
Concen: 14.566 ng/ul
RT: 22.75 min Scan# 3359
Delta R.T. -0.04 min
Lab File: BN005870.D
Acq: 23 May 2019 02:58

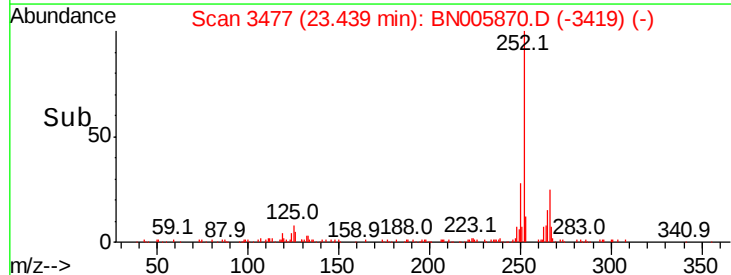
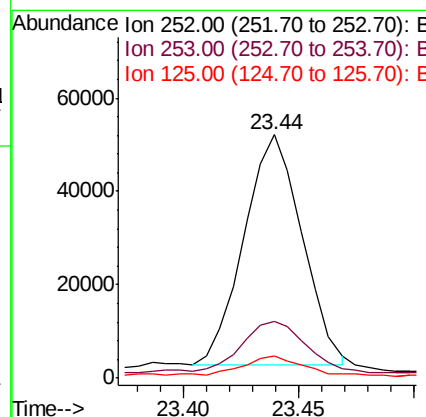
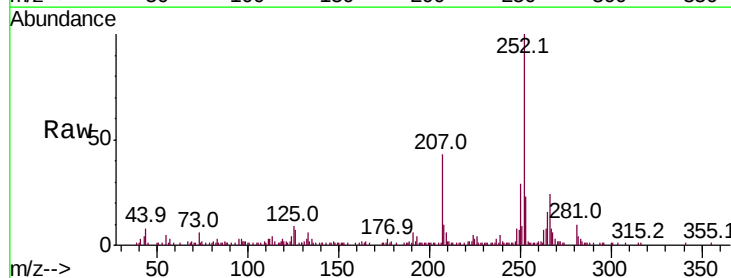
Instrument :
BNA_N
ClientSampleId :

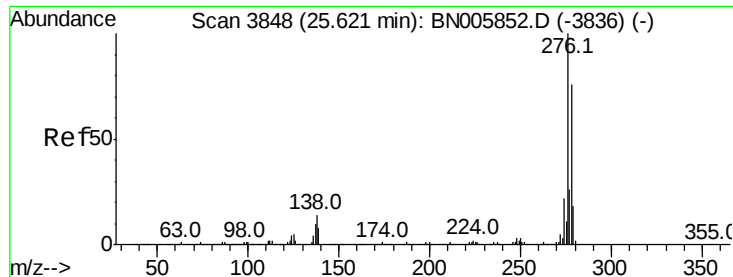
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	6.2	7.5	11.3#



#90
Benzo(a)pyrene
Concen: 2.054 ng/ul
RT: 23.44 min Scan# 3477
Delta R.T. 0.14 min
Lab File: BN005870.D
Acq: 23 May 2019 02:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	9.1	8.6	13.0



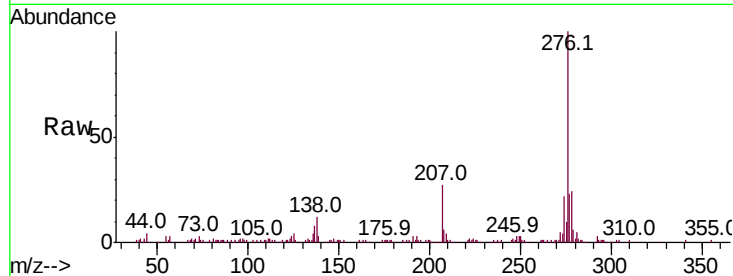


#91

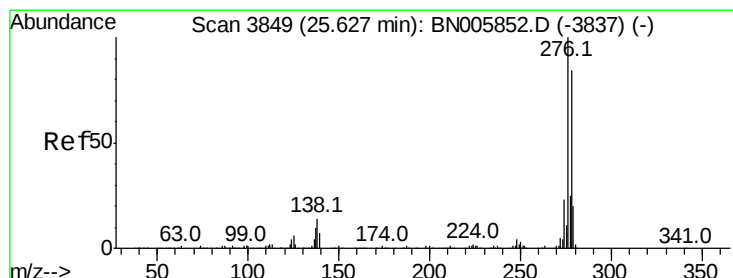
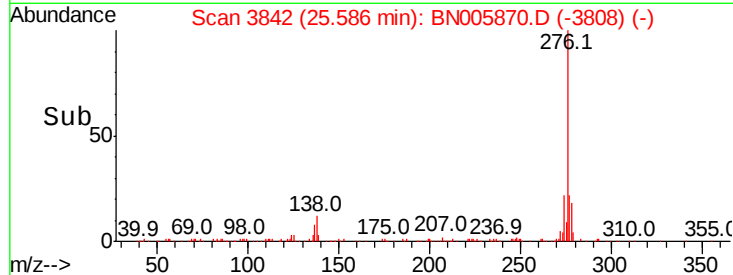
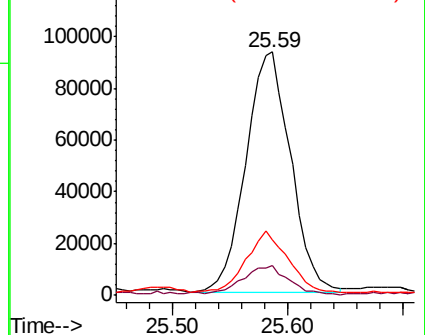
Indeno(1,2,3-cd)pyrene
Concen: 4.923 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.00 min
Lab File: BN005870.D
Acq: 23 May 2019 02:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	17.9	26.9#
277	22.7	19.7	29.5



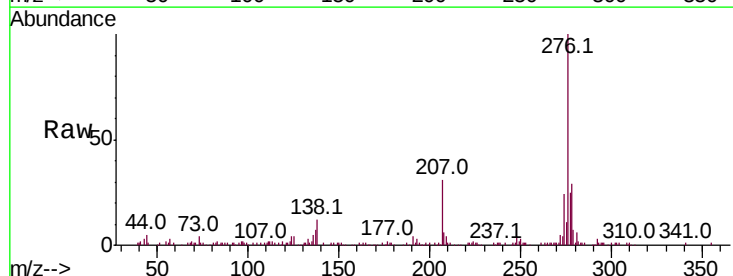
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



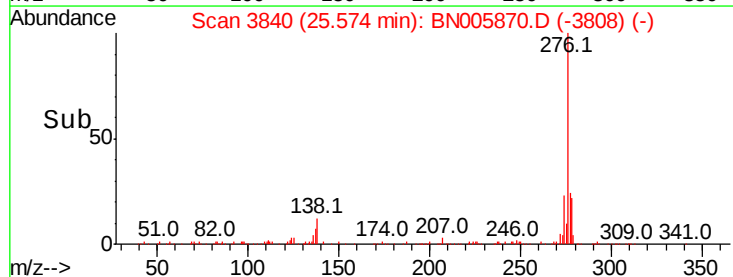
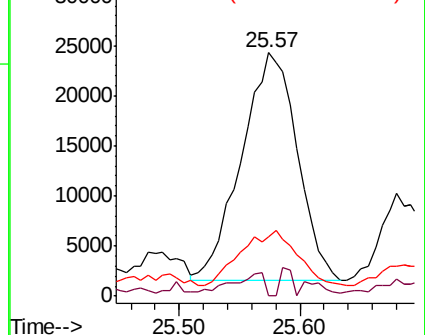
#92

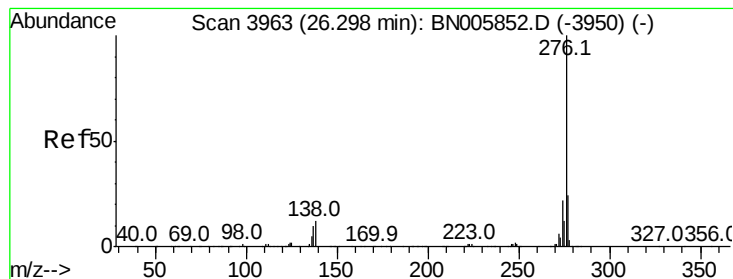
Dibenzo(a,h)anthracene
Concen: 1.701 ng/ul
RT: 25.57 min Scan# 3840
Delta R.T. -0.01 min
Lab File: BN005870.D
Acq: 23 May 2019 02:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	24.4	19.4	29.0



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(a,h,i)perylene

Concen: 3.777 ng/ul

RT: 26.25 min Scan# 3955

Delta R.T. -0.01 min

Lab File: BN005870.D

Acq: 23 May 2019 02:58

Instrument :

BNA_N

ClientSampleId :

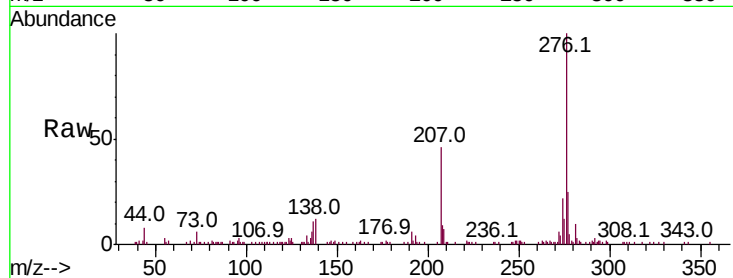
Tot Ion:276 Resp: 161363

Ion Ratio Lower Upper

276 100

138 12.1 16.7 25.1#

277 25.3 18.2 27.2



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

