

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
 Data File : BN001987.D
 Acq On : 06 Jul 2018 13:28
 Operator : JU/SJ
 Sample : J3765-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 06 23:07:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 04 00:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	567651	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2627662	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1542802	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3304375	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	2420700	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2132648	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	10103	0.77	ng/uL	0.00
5) Phenol-d5	6.89	99	290733	5.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	176068	5.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	223180	5.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	237938	5.78	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	112059	5.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	125181	6.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	241579	5.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	221883	4.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	755257	5.80	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	938423	5.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	93543	3.90	ng/ul	0.00
57) Fluorene-d10	15.33	176	665910	5.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	74406	4.13	ng/ul	0.00
70) Anthracene-d10	17.18	188	972533	6.09	ng/ul	0.00
76) Pyrene-d10	19.48	212	953228	7.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	689708	5.95	ng/ul	0.00

Target Compounds

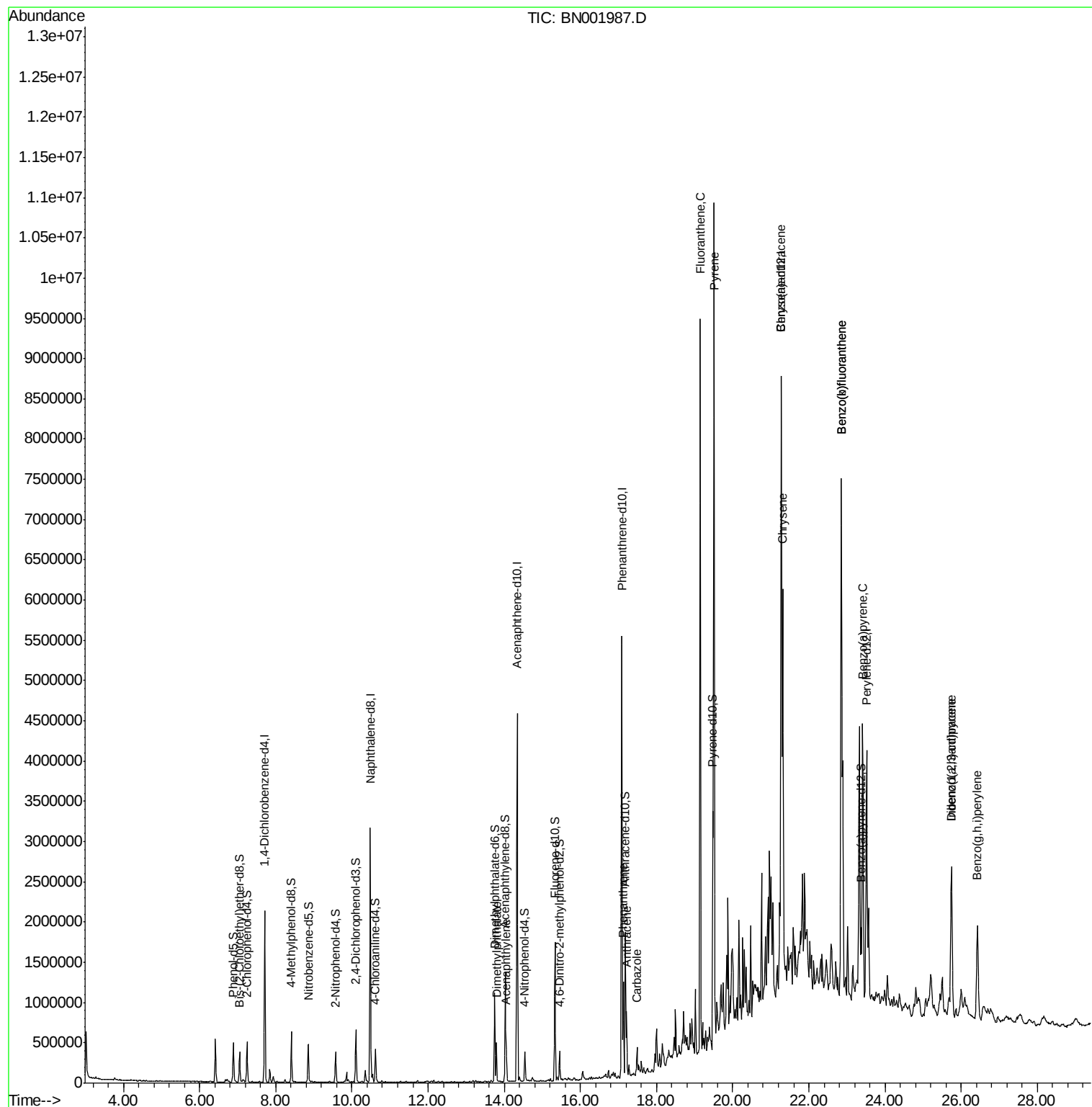
					Ovalue	
44) Dimethylphthalate	13.79	163	300159	2.344	ng/ul	99
47) Acenaphthylene	14.06	152	294563	1.897	ng/ul	99
69) Phenanthrene	17.12	178	694783	3.733	ng/ul	99
71) Anthracene	17.22	178	503084	2.670	ng/ul	96
72) Carbazole	17.49	167	188208	1.192	ng/ul	98
74) Fluoranthene	19.15	202	5471483	27.964	ng/ul#	88
77) Pyrene	19.51	202	6282440	41.472	ng/ul#	85
80) Benzo(a)anthracene	21.27	228	2804445	18.331	ng/ul	97
82) Chrysene	21.32	228	3160689	22.204	ng/ul	98
85) Benzo(b)fluoranthene	22.85	252	5125241	38.050	ng/ul#	94
86) Benzo(k)fluoranthene	22.85	252	5125241	39.239	ng/ul#	94
88) Benzo(a)pyrene	23.42	252	2306536	18.324	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.74	276	1729240	12.911	ng/ul#	88
90) Dibenzo(a,h)anthracene	25.75	278	455586	4.087	ng/ul#	88
91) Benzo(g,h,i)perylene	26.43	276	1404822	12.715	ng/ul#	91

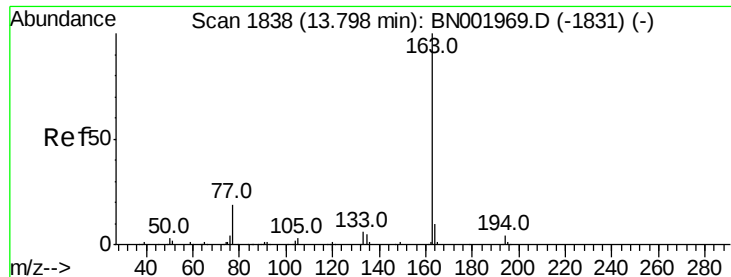
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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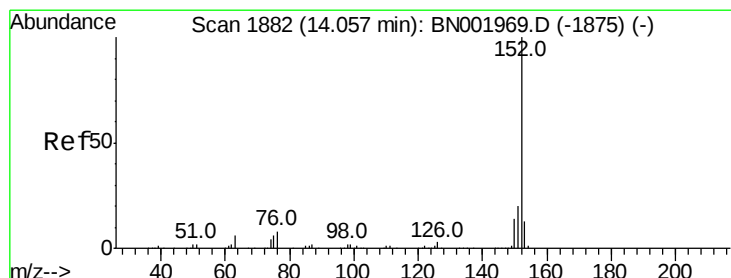
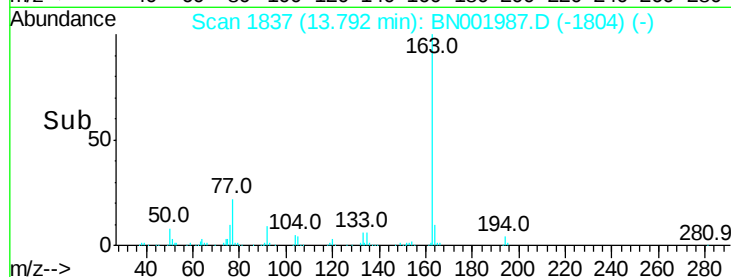
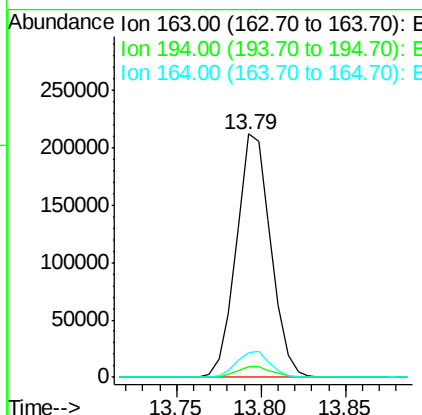
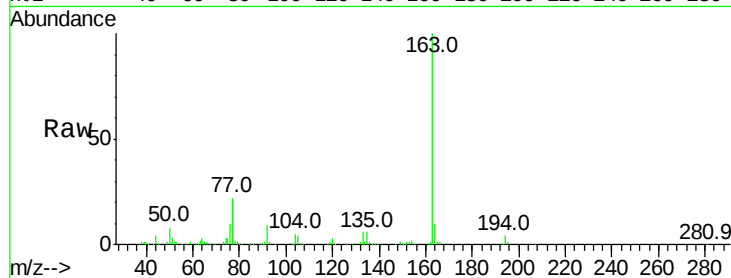




#44
Dimethylphthalate
Concen: 2.344 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BN001987.D
Acq: 06 Jul 2018 13:28

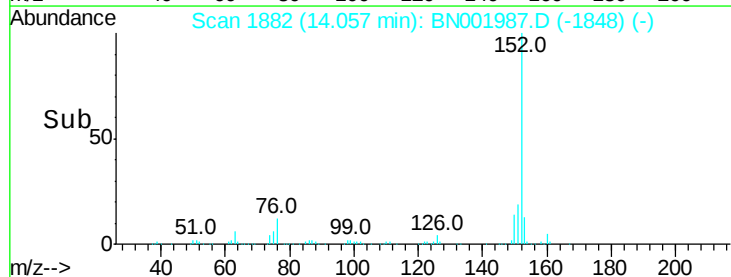
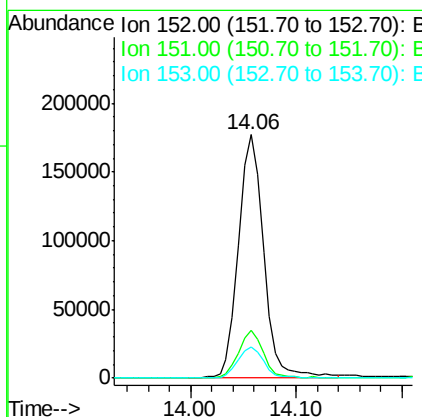
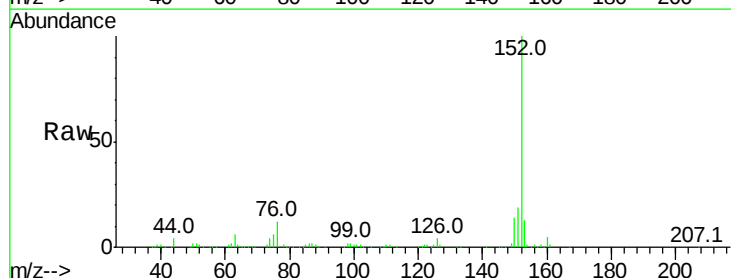
Instrument :
BNA_N
ClientSampled :

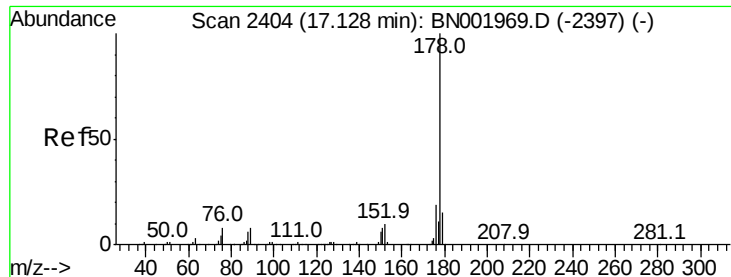
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.0	6.0
164	10.3	8.4	12.6



#47
Acenaphthylene
Concen: 1.897 ng/ul
RT: 14.06 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BN001987.D
Acq: 06 Jul 2018 13:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	12.9	10.8	16.2





#69

Phenanthrene

Concen: 3.733 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BN001987.D

Acq: 06 Jul 2018 13:28

Instrument :

BNA_N

ClientSampleId :

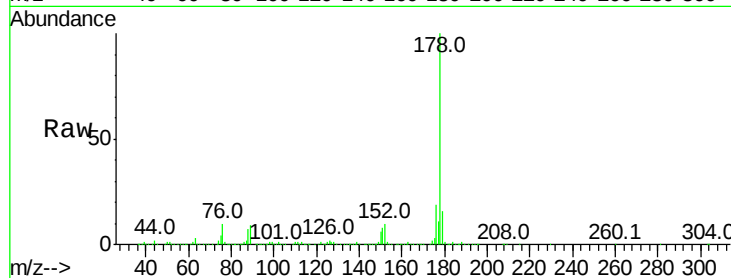
Tot Ion:178 Resp: 694783

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

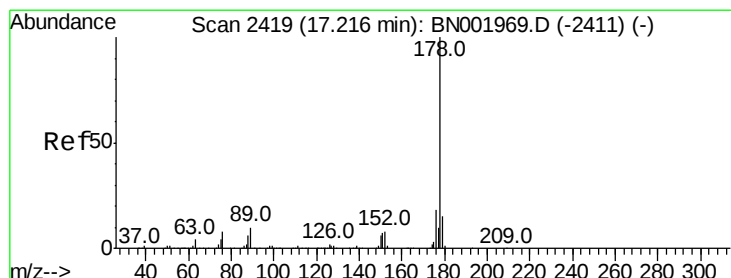
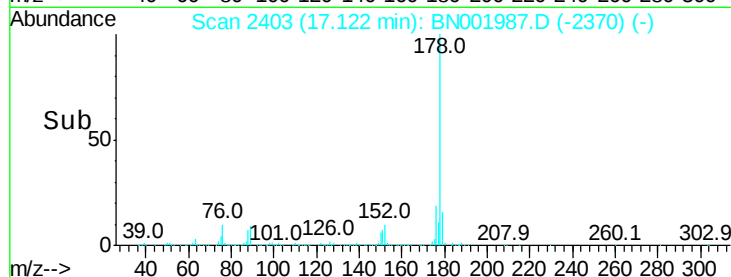
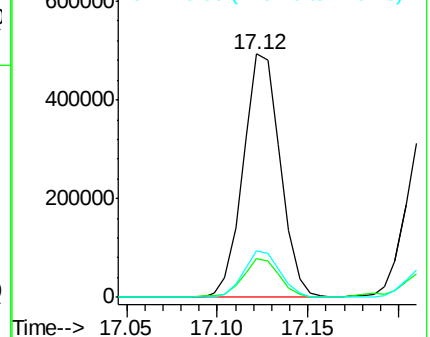
176 18.9 15.4 23.0



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: 2.670 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BN001987.D

Acq: 06 Jul 2018 13:28

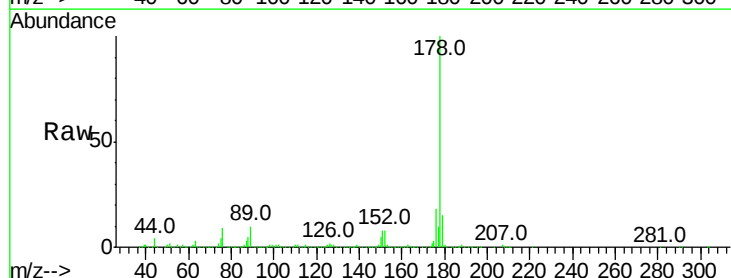
Tgt Ion:178 Resp: 503084

Ion Ratio Lower Upper

178 100

179 15.2 13.4 20.2

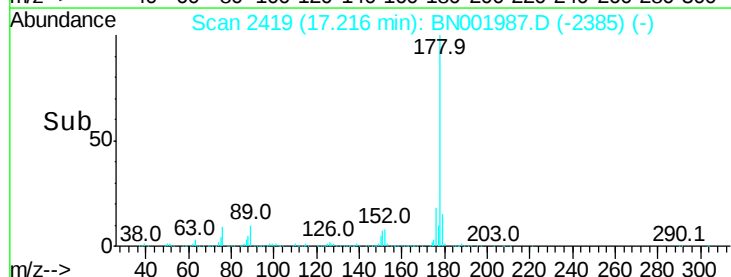
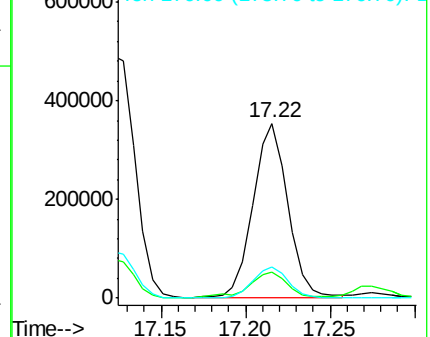
176 17.7 15.4 23.0

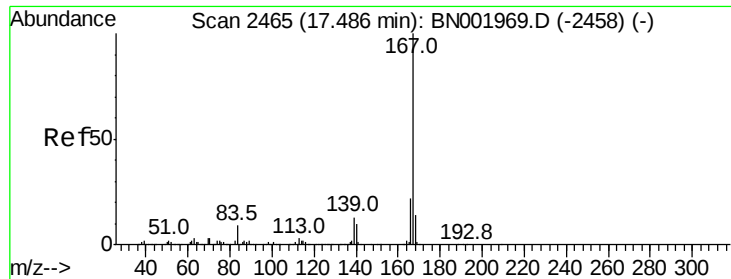


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 1.192 ng/ul

RT: 17.49 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BN001987.D

Acq: 06 Jul 2018 13:28

Instrument :

BNA_N

ClientSampleId :

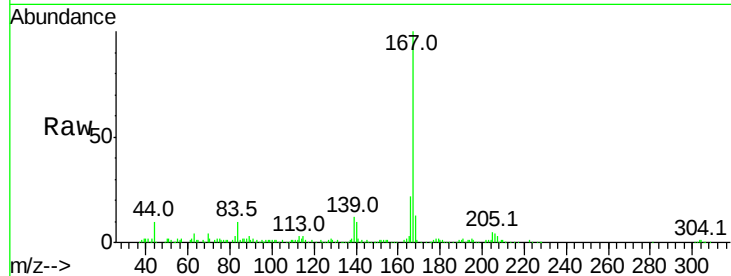
Tot Ion:167 Resp: 188208

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.4

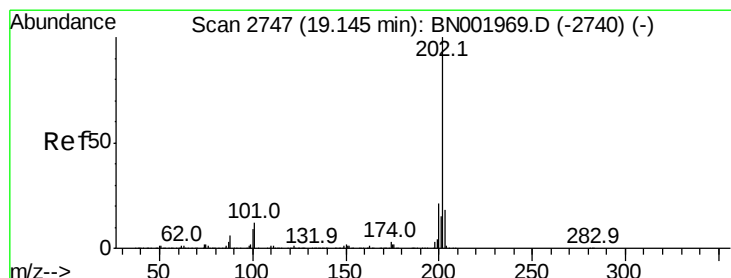
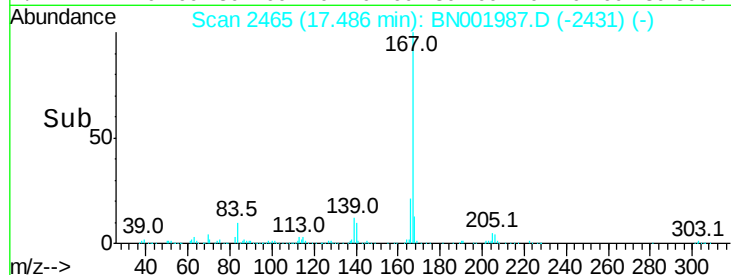
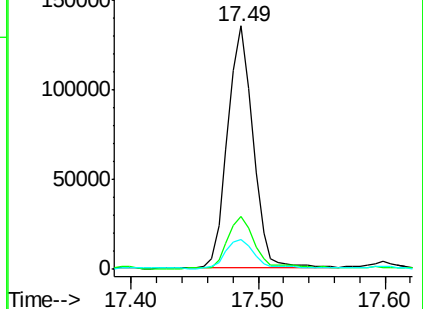
139 12.4 9.1 13.7



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



#74

Fluoranthene

Concen: 27.964 ng/ul

RT: 19.15 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BN001987.D

Acq: 06 Jul 2018 13:28

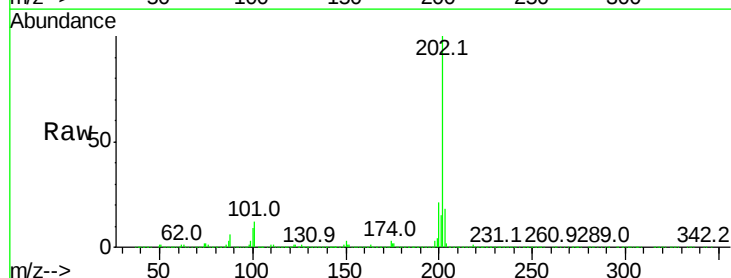
Tgt Ion:202 Resp: 5471483

Ion Ratio Lower Upper

202 100

101 12.3 6.1 9.1#

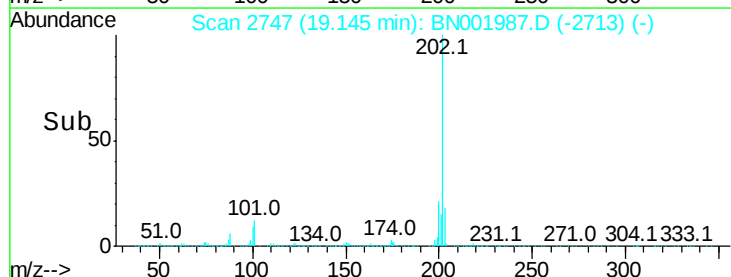
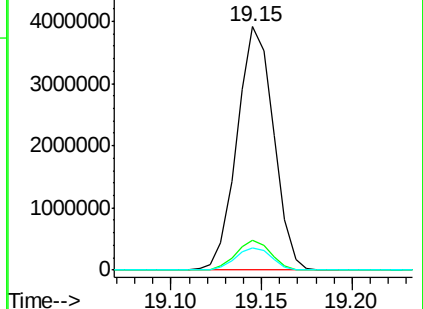
100 9.2 4.6 7.0#

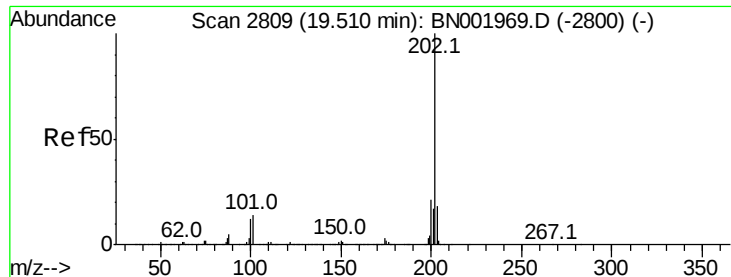


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 41.472 ng/ul

RT: 19.51 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BN001987.D

Acq: 06 Jul 2018 13:28

Instrument :

BNA_N

ClientSampleId :

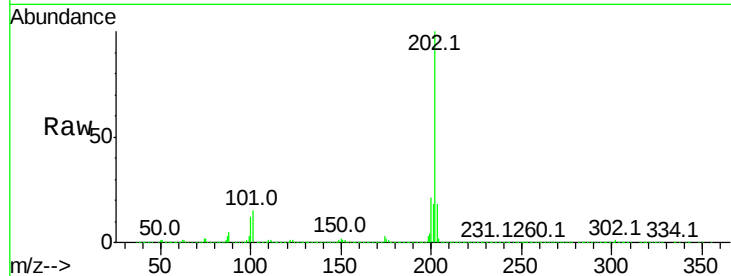
Tot Ion:202 Resp: 6282440

Ion Ratio Lower Upper

202 100

101 14.5 6.9 10.3#

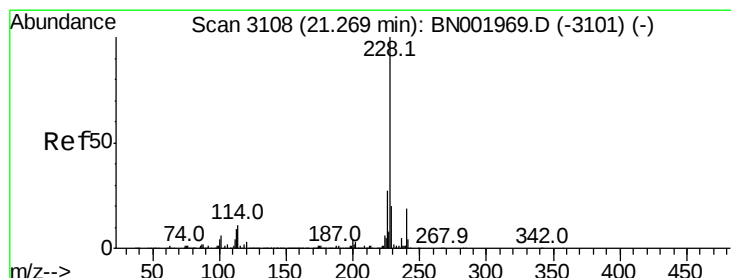
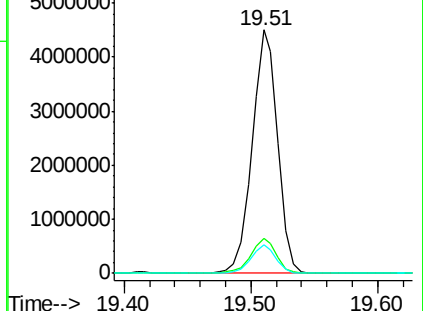
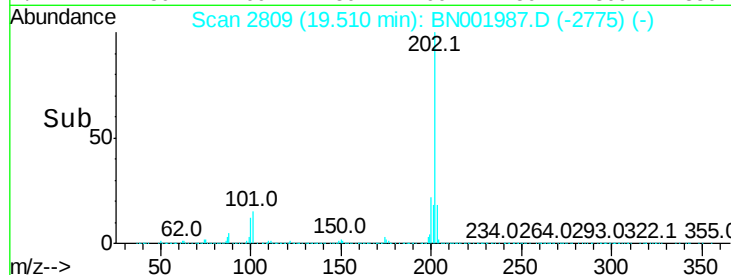
100 11.6 5.6 8.4#



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): E



#80

Benzo(a)anthracene

Concen: 18.331 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BN001987.D

Acq: 06 Jul 2018 13:28

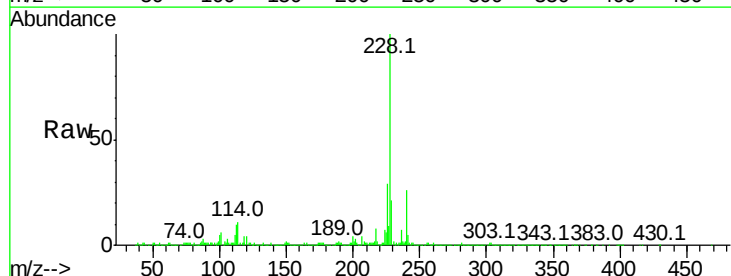
Tgt Ion:228 Resp: 2804445

Ion Ratio Lower Upper

228 100

229 20.7 16.0 24.0

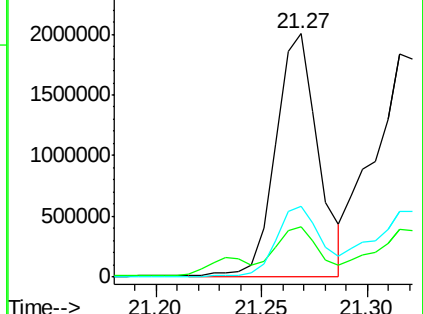
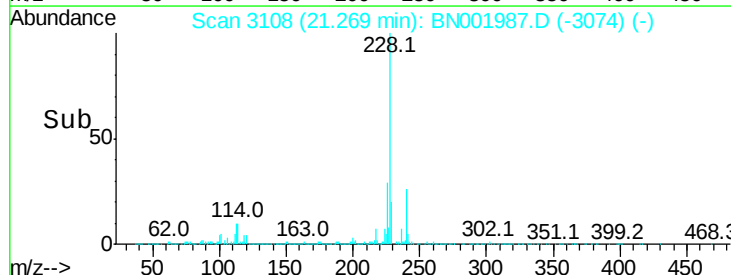
226 29.3 21.8 32.8

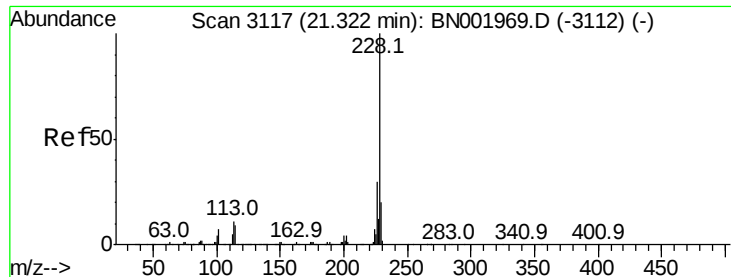


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 22.204 ng/u1

RT: 21.32 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BN001987.D

Acq: 06 Jul 2018 13:28

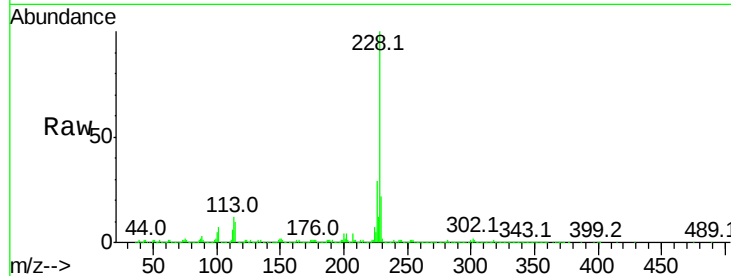
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 3160689

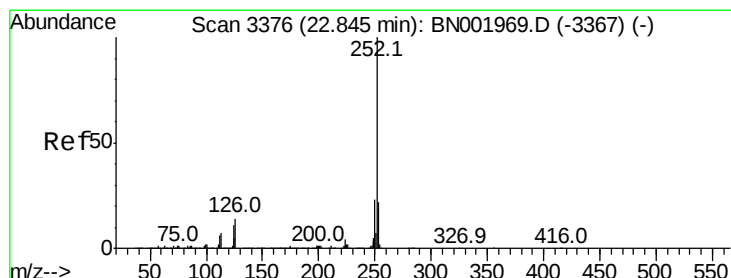
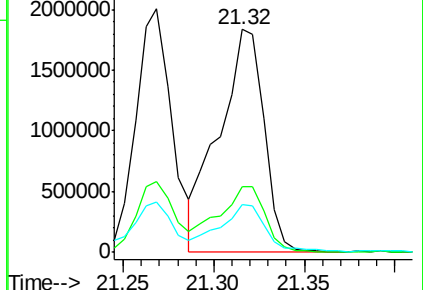
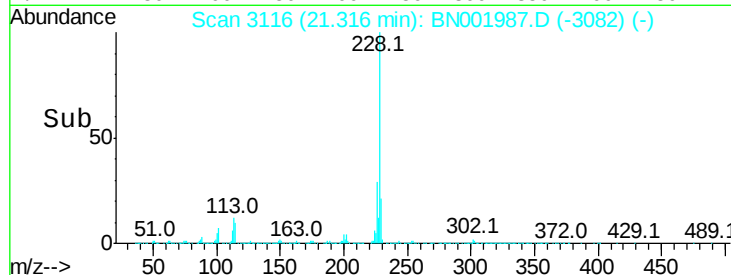
Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	21.7	16.0	24.0



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



#85

Benzo(b)fluoranthene

Concen: 38.050 ng/u1

RT: 22.85 min Scan# 3377

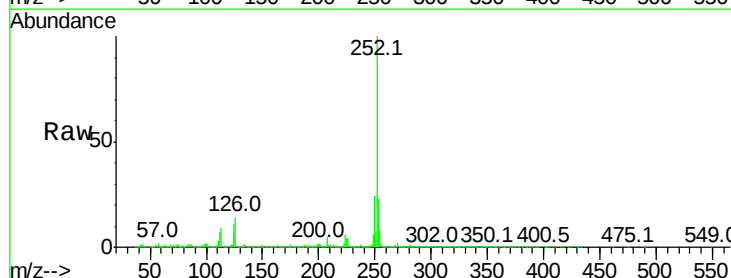
Delta R.T. 0.01 min

Lab File: BN001987.D

Acq: 06 Jul 2018 13:28

Tgt Ion:252 Resp: 5125241

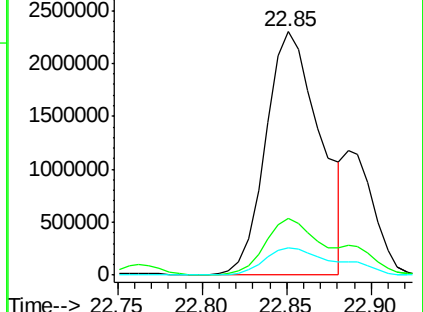
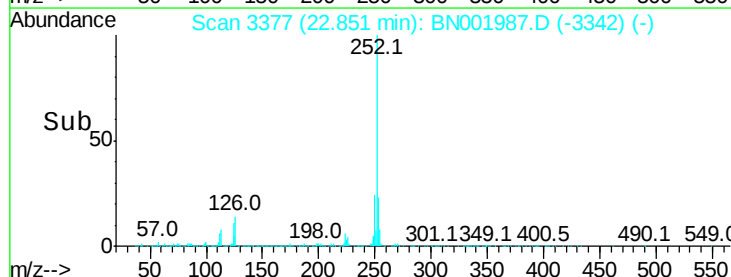
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	11.4	4.9	7.3

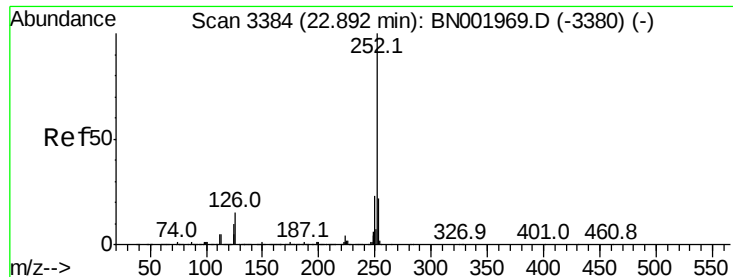


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 39.239 ng/ul

RT: 22.85 min Scan# 3377

Delta R.T. -0.04 min

Lab File: BN001987.D

Acq: 06 Jul 2018 13:28

Instrument :

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ClientSampleId :

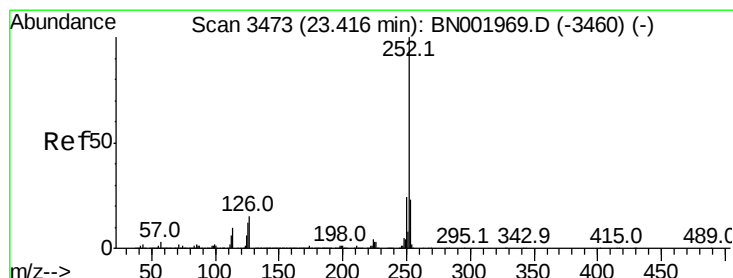
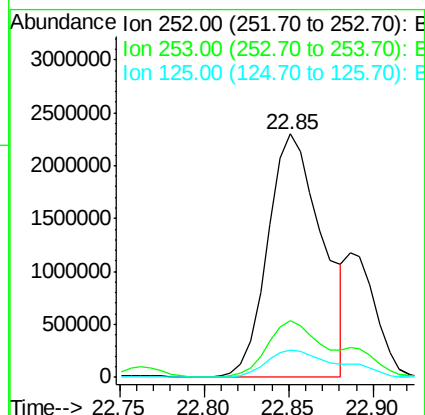
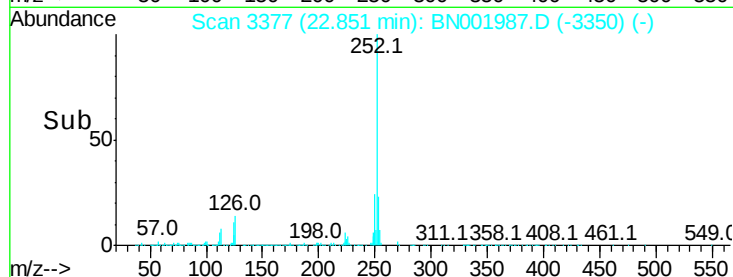
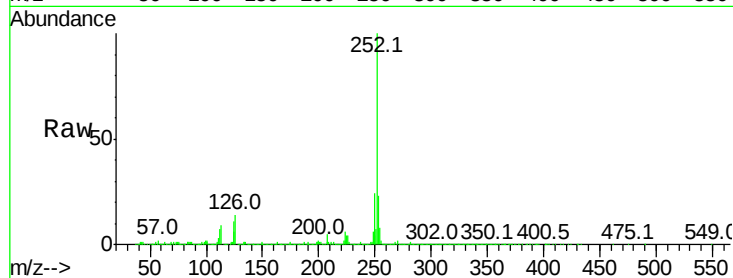
Tot Ion:252 Resp: 5125241

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

125 11.4 5.4 8.0#



#88

Benzo(a)pyrene

Concen: 18.324 ng/ul

RT: 23.42 min Scan# 3473

Delta R.T. 0.00 min

Lab File: BN001987.D

Acq: 06 Jul 2018 13:28

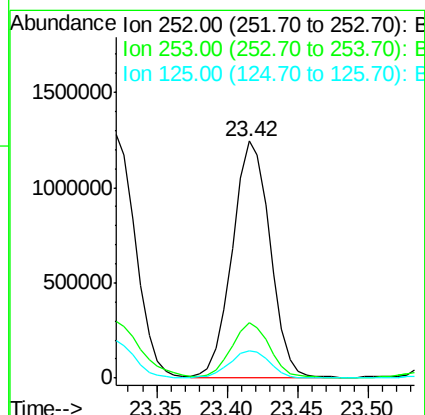
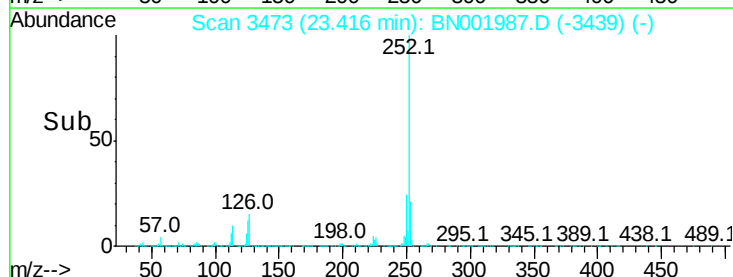
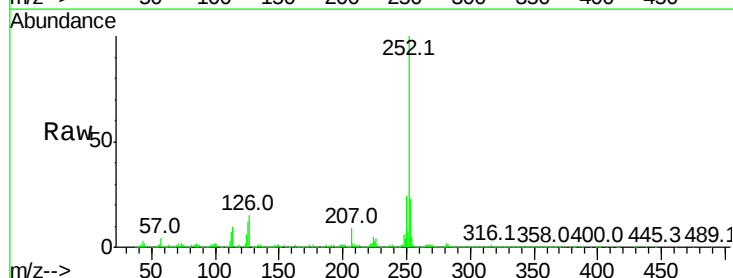
Tgt Ion:252 Resp: 2306536

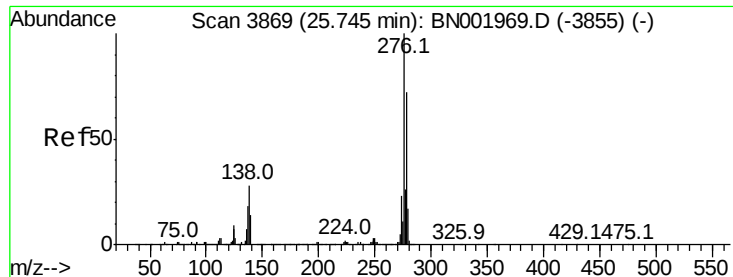
Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

125 11.8 5.8 8.6#



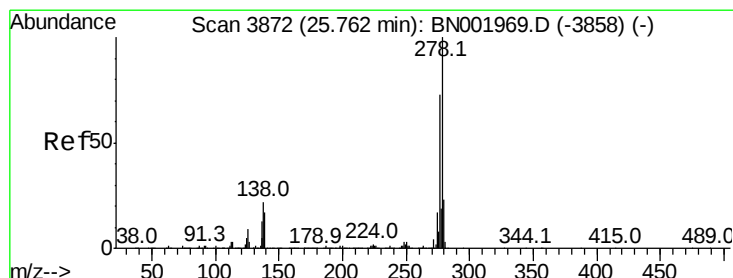
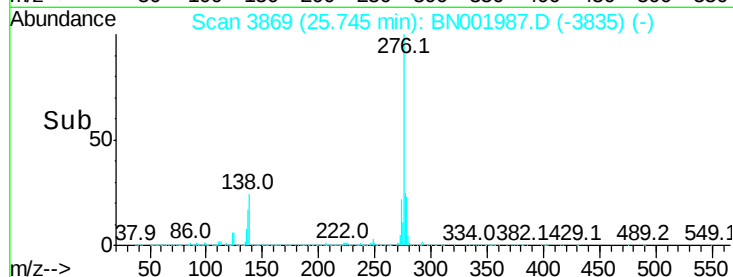
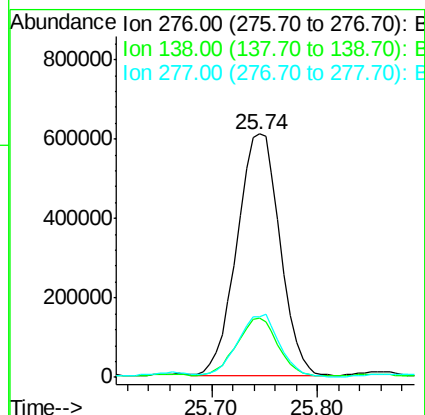
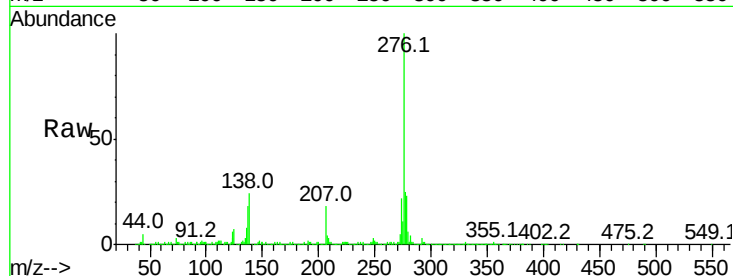


#89

Indeno(1,2,3-cd)pyrene
Concen: 12.911 ng/ul
RT: 25.74 min Scan# 3869
Delta R.T. 0.00 min
Lab File: BN001987.D
Acq: 06 Jul 2018 13:28

Instrument :
BNA_N
ClientSampleId :

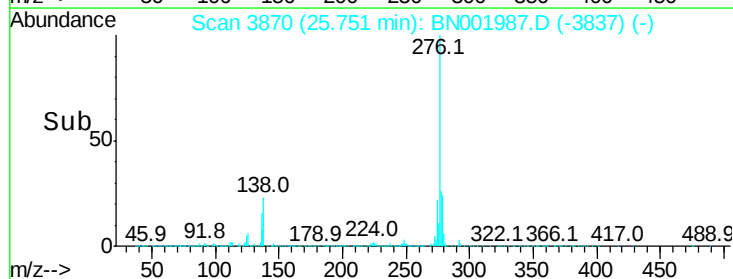
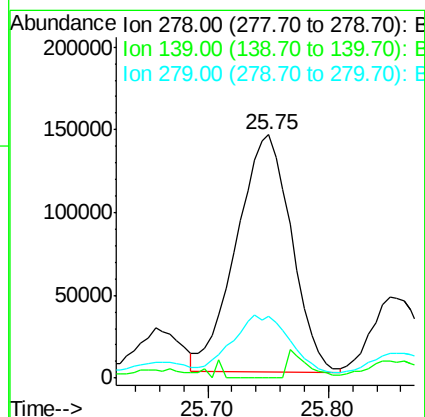
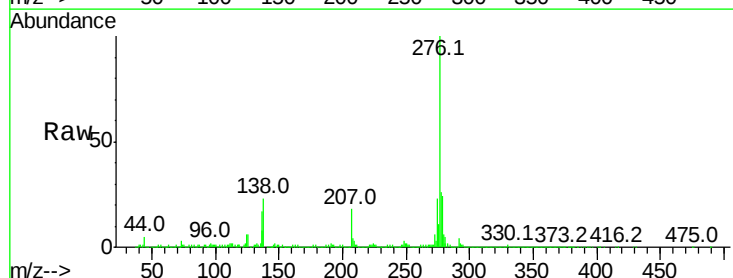
Tot Ion:276 Resp: 1729240
Ion Ratio Lower Upper
276 100
138 24.4 10.9 16.3#
277 25.1 18.9 28.3

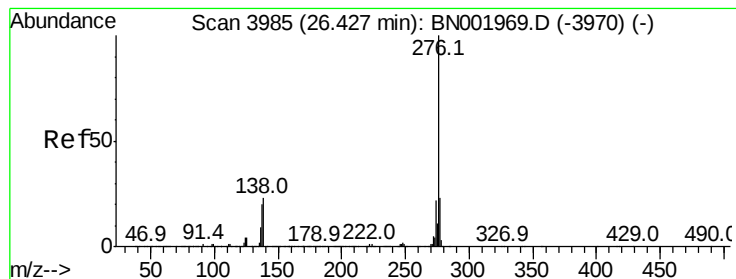


#90

Dibenzo(a,h)anthracene
Concen: 4.087 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BN001987.D
Acq: 06 Jul 2018 13:28

Tgt Ion:278 Resp: 455586
Ion Ratio Lower Upper
278 100
139 0.0 9.0 13.4#
279 25.6 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 12.715 ng/ul

RT: 26.43 min Scan# 3985

Delta R.T. 0.01 min

Lab File: BN001987.D

Acq: 06 Jul 2018 13:28

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 1404822

Ion Ratio Lower Upper

276 100

138 23.0 11.2 16.8#

277 24.3 19.0 28.6

