

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070318\
 Data File : BN001954.D
 Acq On : 03 Jul 2018 21:24
 Operator : JU/SJ
 Sample : J3721-17 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 04 01:04:37 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	709968	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	3118364	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1728546	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3385575	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2223164	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2381531	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	10951	0.67	ng/uL	0.00
5) Phenol-d5	6.88	99	276871	4.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	169498	4.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	223038	4.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	220930	4.29	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	105981	4.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	114340	4.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	224359	4.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	207248	3.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	678942	4.65	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	864368	4.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	77186	2.87	ng/ul	0.00
57) Fluorene-d10	15.33	176	601999	4.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	55019	2.98	ng/ul	0.00
70) Anthracene-d10	17.18	188	820607	5.02	ng/ul	0.00
76) Pyrene-d10	19.48	212	705700	6.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	624518	4.82	ng/ul	0.01

Target Compounds

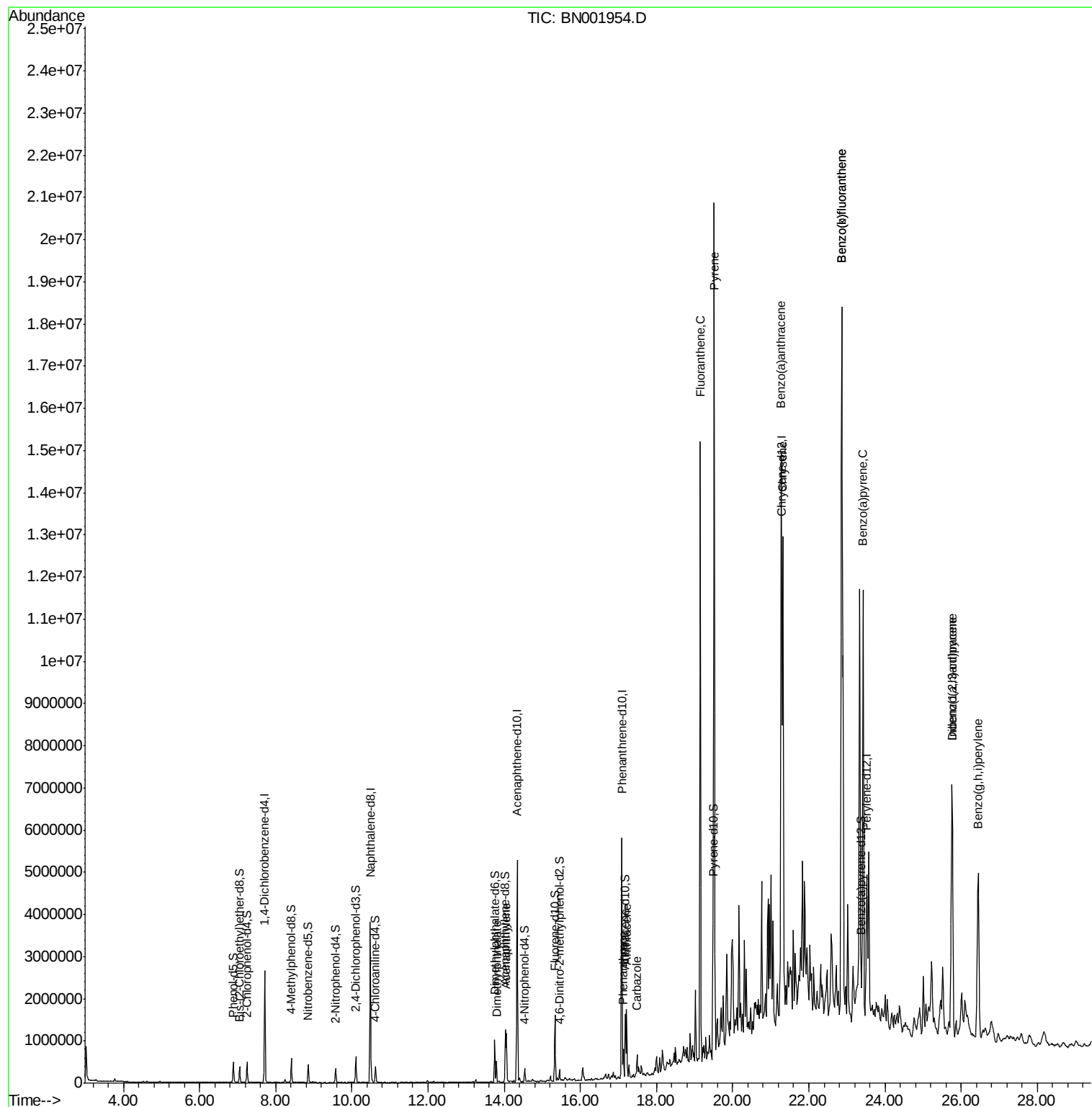
					Ovalue	
44) Dimethylphthalate	13.80	163	298523	2.081	ng/ul	99
47) Acenaphthylene	14.06	152	869147	4.997	ng/ul	99
69) Phenanthrene	17.12	178	411302	2.157	ng/ul	100
71) Anthracene	17.22	178	1004686	5.204	ng/ul	97
72) Carbazole	17.49	167	283709	1.754	ng/ul	98
74) Fluoranthene	19.15	202	8852315	44.158	ng/ul#	88
77) Pyrene	19.52	202	12498340	89.836	ng/ul#	82
80) Benzo(a)anthracene	21.27	228	6425392	45.731	ng/ul	94
82) Chrysene	21.32	228	7573809	57.934	ng/ul	97
85) Benzo(b)fluoranthene	22.86	252	13827368	91.927	ng/ul#	92
86) Benzo(k)fluoranthene	22.86	252	13827368	94.799	ng/ul#	92
88) Benzo(a)pyrene	23.43	252	7065522	50.266	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.76	276	5802450	38.795	ng/ul#	89
90) Dibenzo(a,h)anthracene	25.76	278	1541582	12.384	ng/ul#	89
91) Benzo(g,h,i)perylene	26.44	276	4841977	39.245	ng/ul#	91

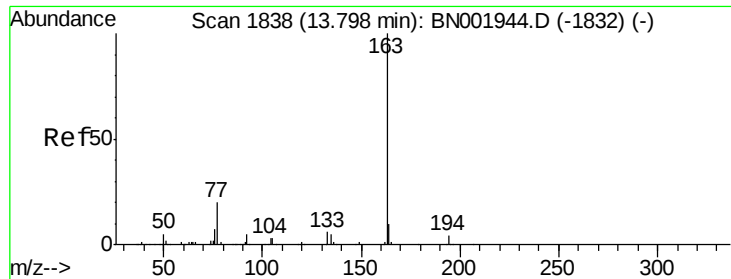
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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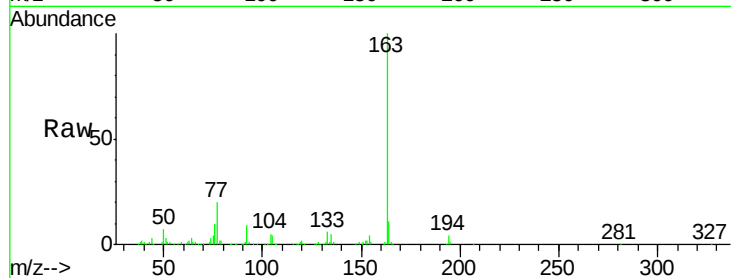




#44
Dimethylphthalate
Concen: 2.081 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BN001954.D
Acq: 03 Jul 2018 21:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	4.0	6.0
164	10.6	8.4	12.6

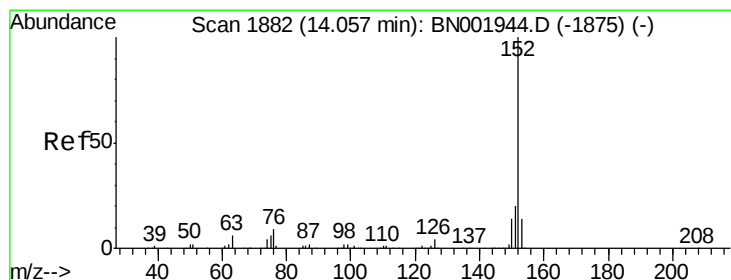
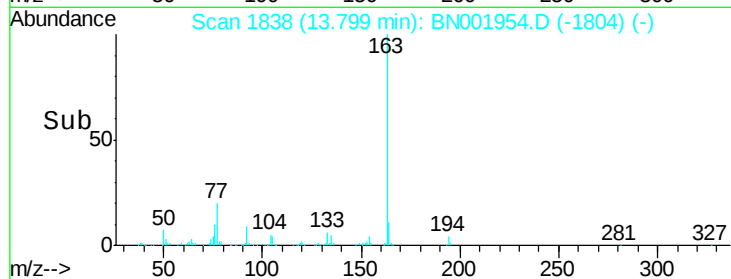
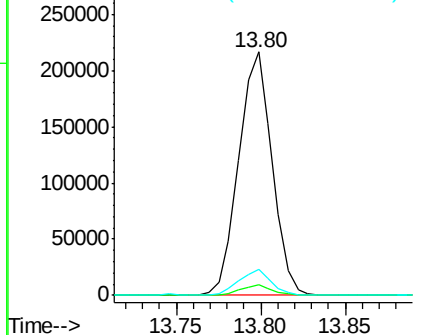


Abundance

Ion 163.00 (162.70 to 163.70): E

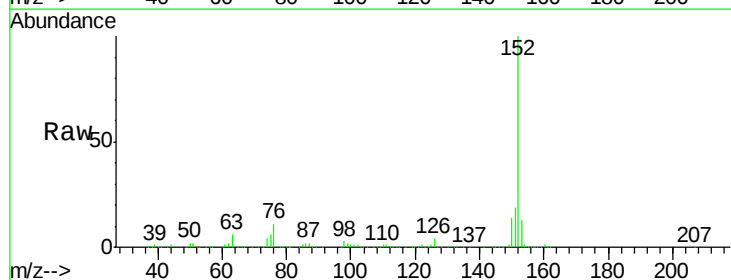
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#47
Acenaphthylene
Concen: 4.997 ng/ul
RT: 14.06 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BN001954.D
Acq: 03 Jul 2018 21:24

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

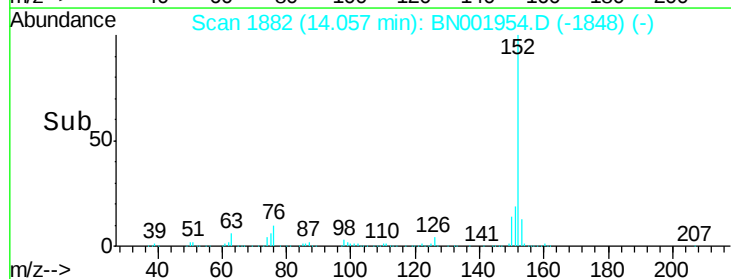
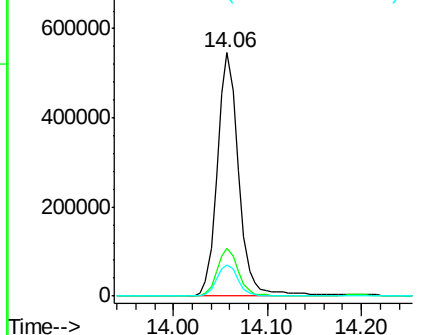


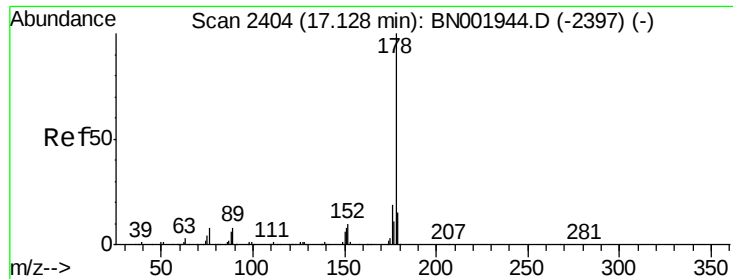
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 2.157 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BN001954.D

Acq: 03 Jul 2018 21:24

Instrument :

BNA_N

ClientSampleId :

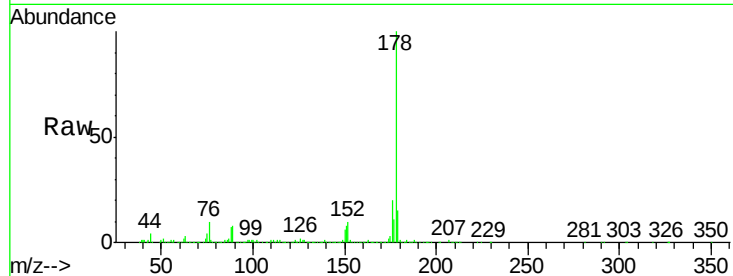
Tot Ion:178 Resp: 411302

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

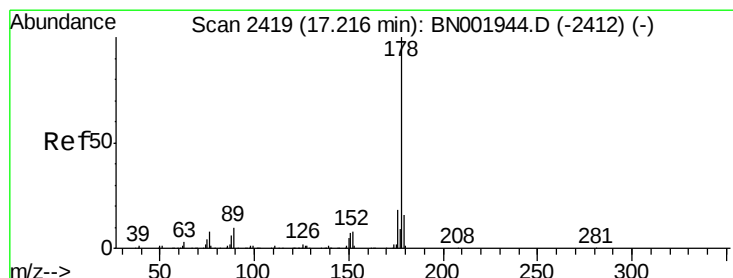
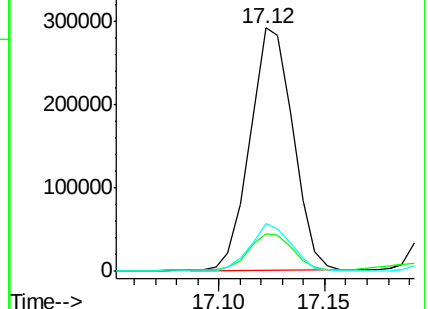
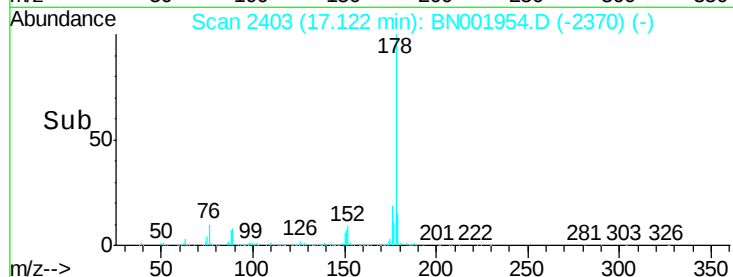
176 19.5 15.4 23.0



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: 5.204 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BN001954.D

Acq: 03 Jul 2018 21:24

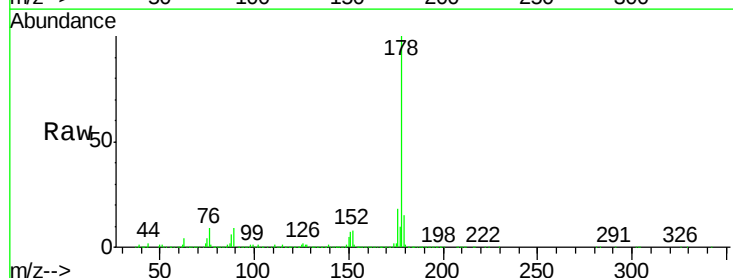
Tgt Ion:178 Resp: 1004686

Ion Ratio Lower Upper

178 100

179 14.7 13.4 20.2

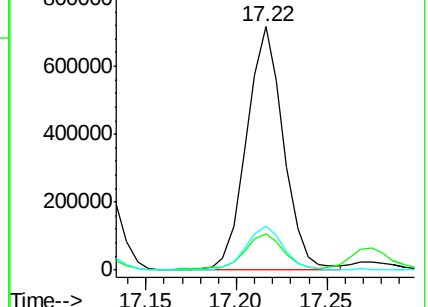
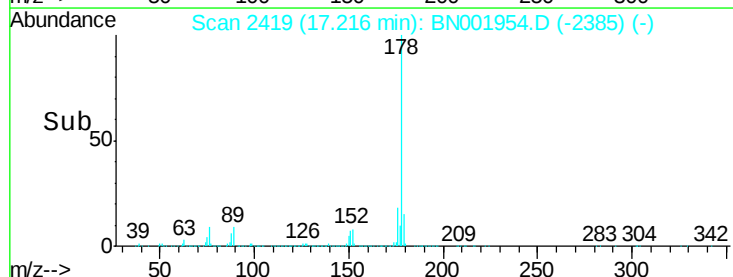
176 18.3 15.4 23.0

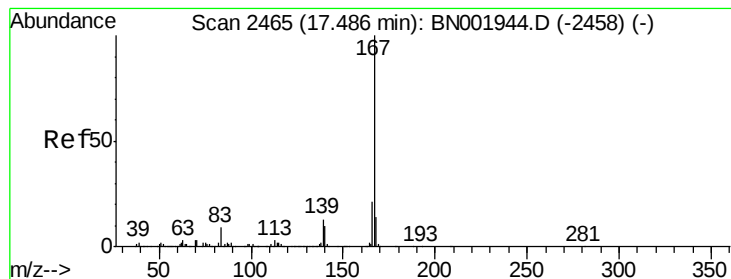


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 1.754 ng/ul

RT: 17.49 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BN001954.D

Acq: 03 Jul 2018 21:24

Instrument :

BNA_N

ClientSampleId :

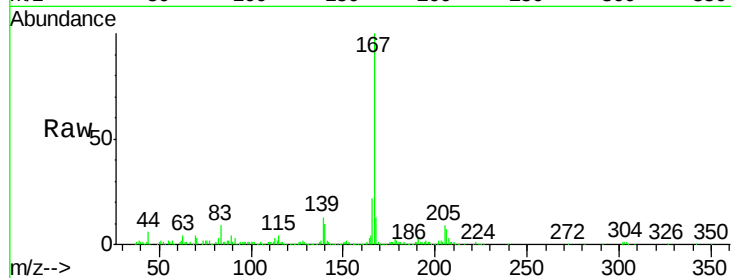
Tot Ion:167 Resp: 283709

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.4

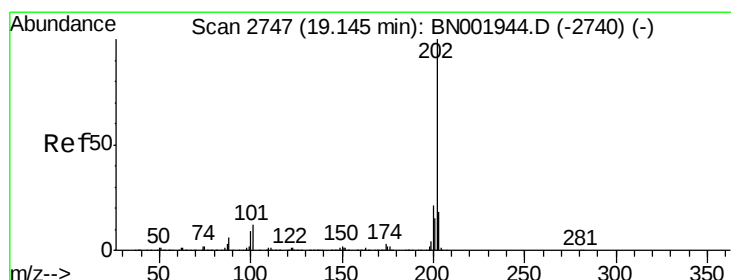
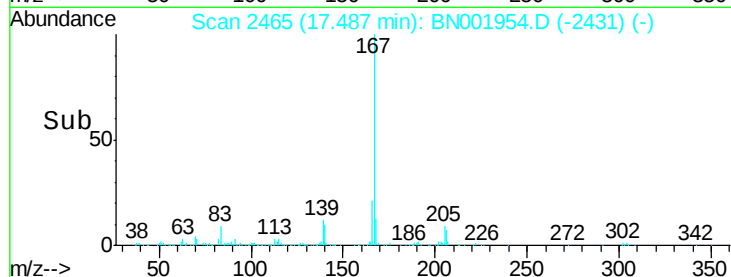
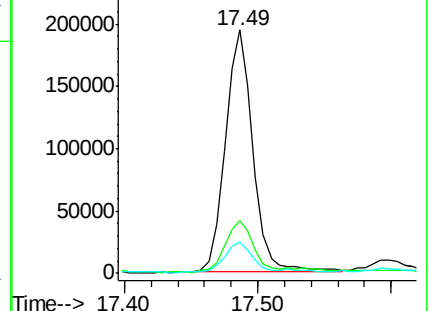
139 12.9 9.1 13.7



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: 44.158 ng/ul

RT: 19.15 min Scan# 2748

Delta R.T. 0.01 min

Lab File: BN001954.D

Acq: 03 Jul 2018 21:24

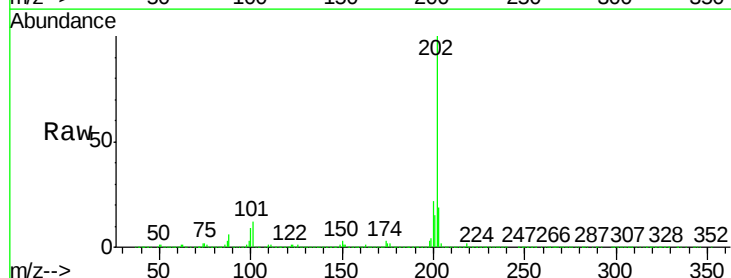
Tgt Ion:202 Resp: 8852315

Ion Ratio Lower Upper

202 100

101 12.1 6.1 9.1#

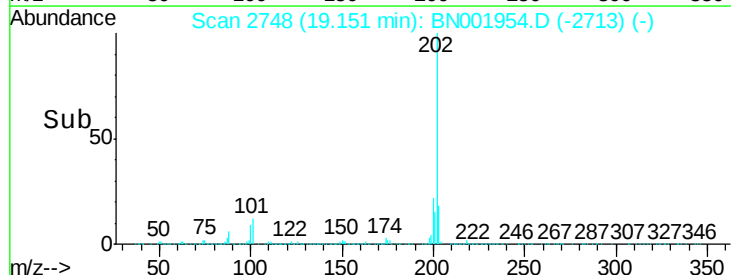
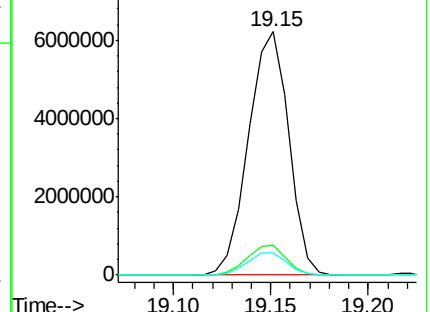
100 9.2 4.6 7.0#

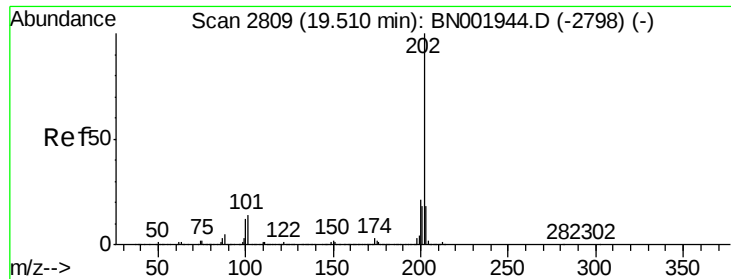


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

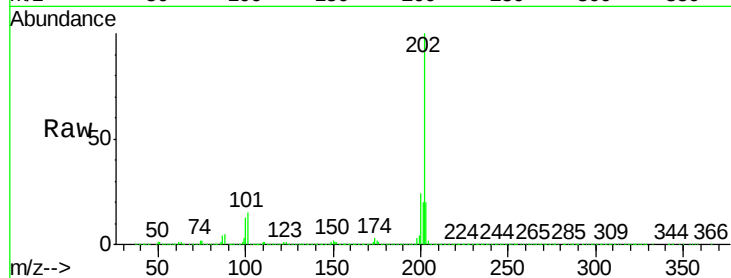




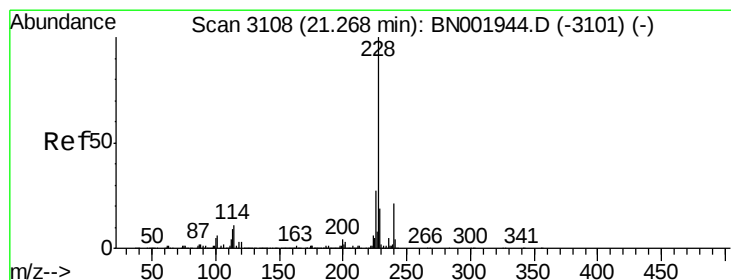
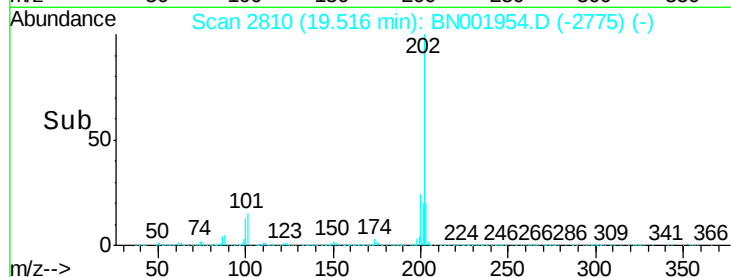
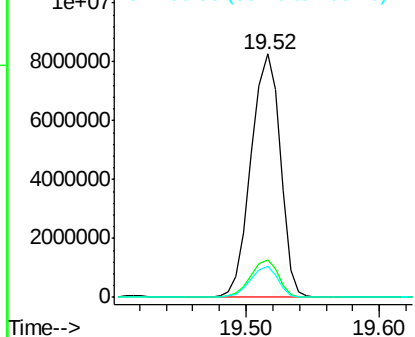
#77
Pvrene
Concen: 89.836 ng/ul
RT: 19.52 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BN001954.D
Acq: 03 Jul 2018 21:24

Instrument :
BNA_N
ClientSampled :

Tot Ion:202 Resp:12498340
Ion Ratio Lower Upper
202 100
101 15.4 6.9 10.3#
100 12.6 5.6 8.4#

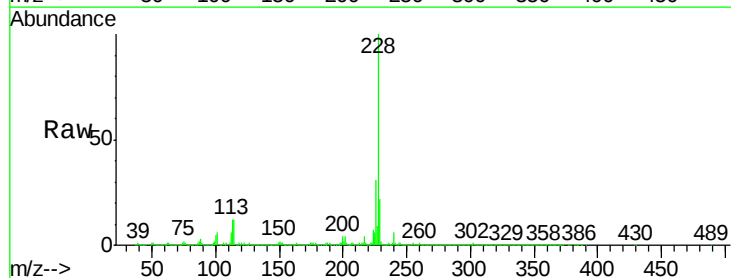


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

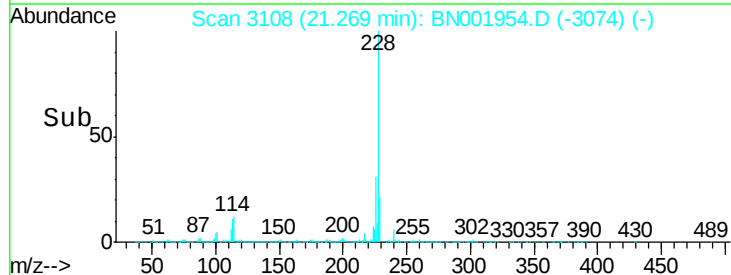
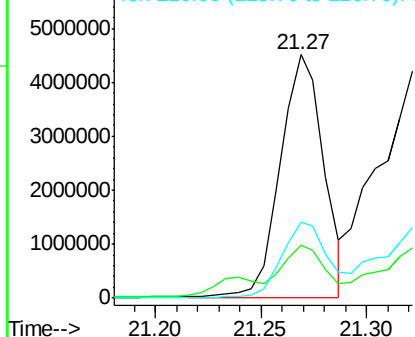


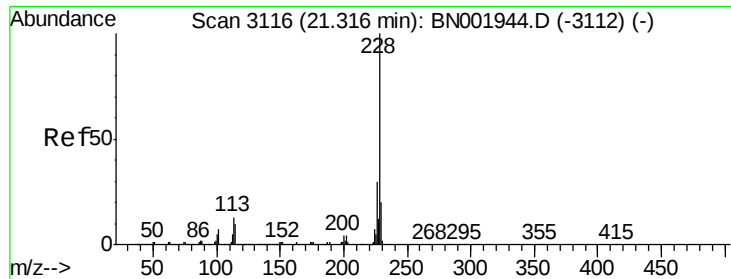
#80
Benzo(a)anthracene
Concen: 45.731 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BN001954.D
Acq: 03 Jul 2018 21:24

Tgt Ion:228 Resp: 6425392
Ion Ratio Lower Upper
228 100
229 21.8 16.0 24.0
226 31.1 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: 57.934 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BN001954.D

Acq: 03 Jul 2018 21:24

Instrument :

BNA_N

ClientSampleId :

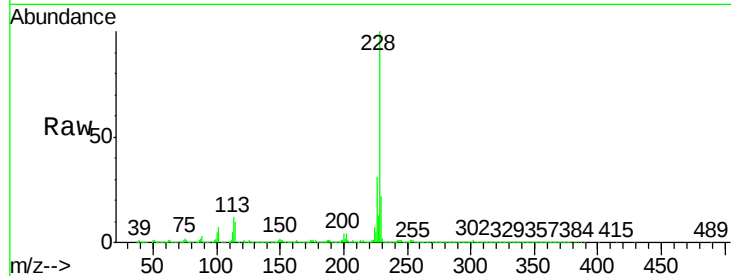
Tot Ion:228 Resp: 7573809

Ion Ratio Lower Upper

228 100

226 31.0 24.1 36.1

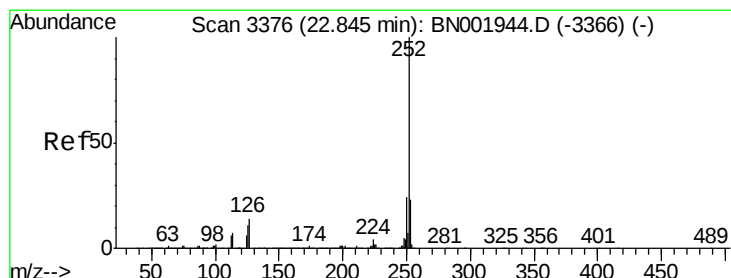
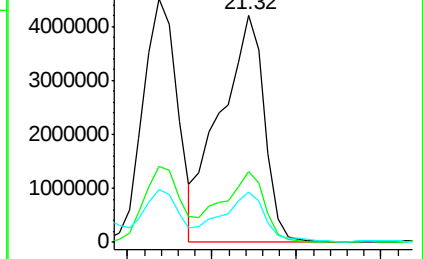
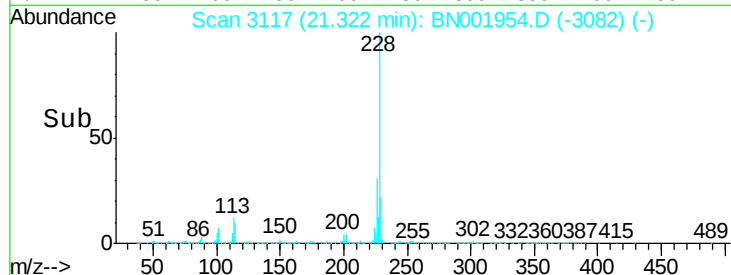
229 22.2 16.0 24.0



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: 91.927 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. 0.02 min

Lab File: BN001954.D

Acq: 03 Jul 2018 21:24

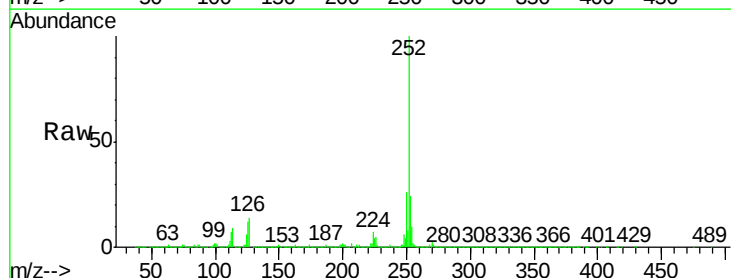
Tgt Ion:252 Resp:13827368

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.0

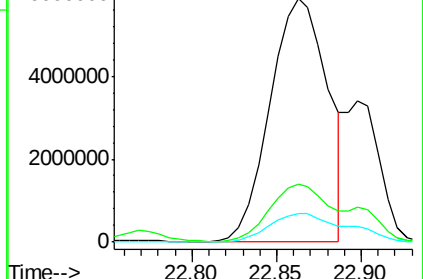
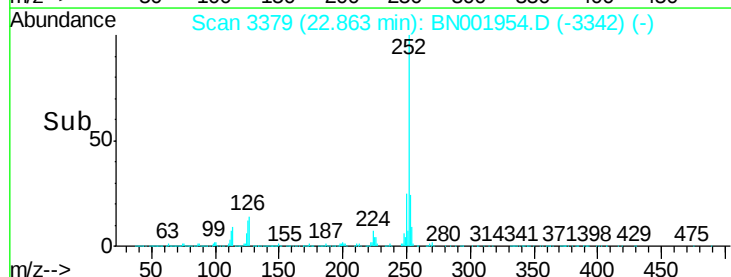
125 11.8 4.9 7.3#

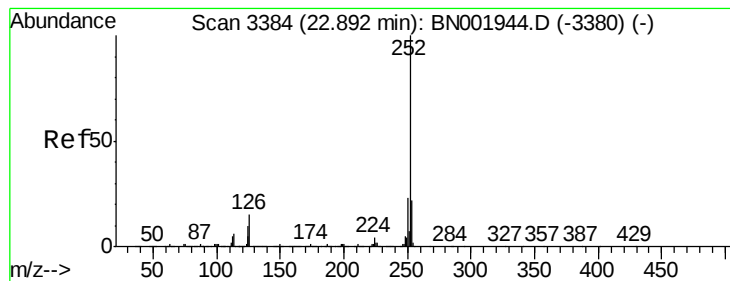


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 94.799 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. -0.03 min

Lab File: BN001954.D

Acq: 03 Jul 2018 21:24

Instrument :

BNA_N

ClientSampleId :

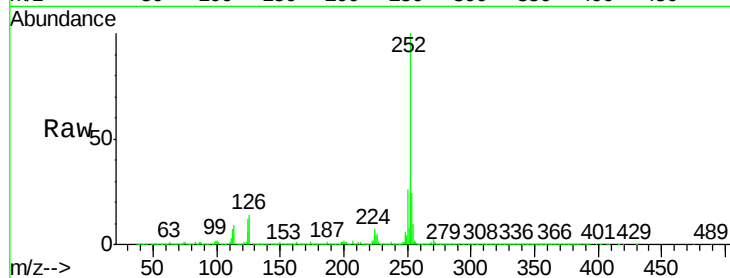
Tot Ion:252 Resp:13827368

Ion Ratio Lower Upper

252 100

253 24.0 17.1 25.7

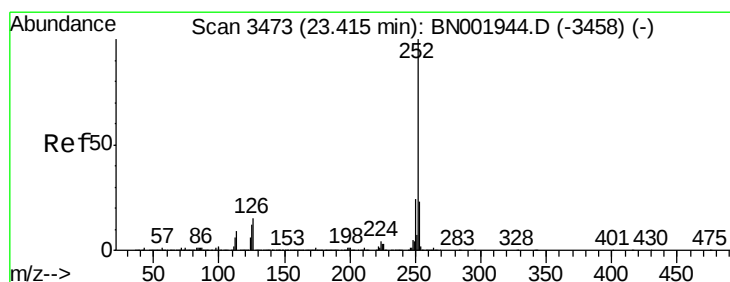
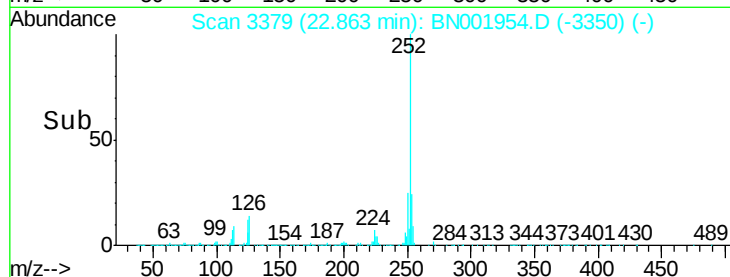
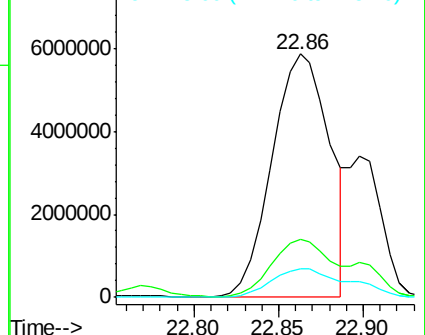
125 11.8 5.4 8.0#



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(a)pyrene

Concen: 50.266 ng/ul

RT: 23.43 min Scan# 3475

Delta R.T. 0.01 min

Lab File: BN001954.D

Acq: 03 Jul 2018 21:24

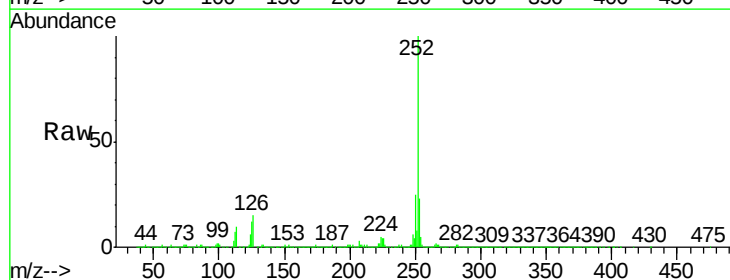
Tgt Ion:252 Resp: 7065522

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

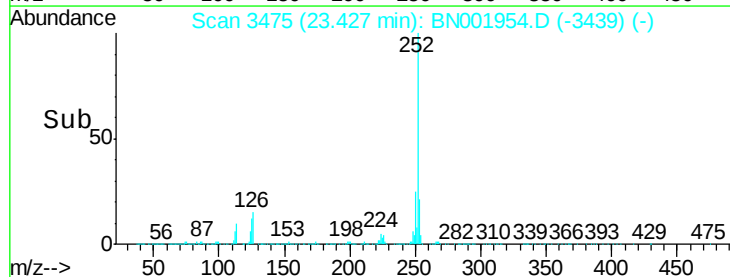
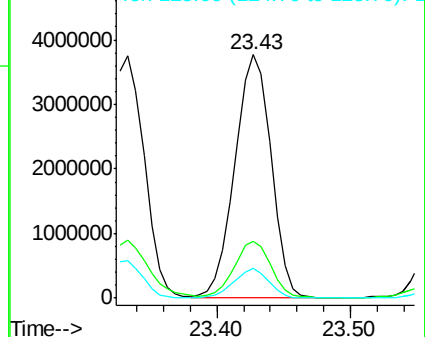
125 12.3 5.8 8.6#

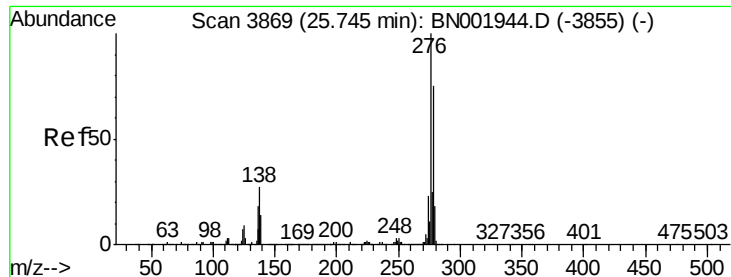


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



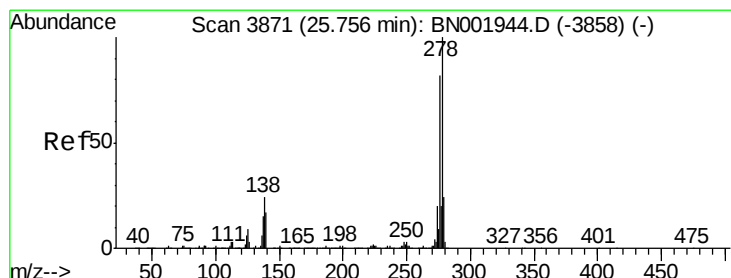
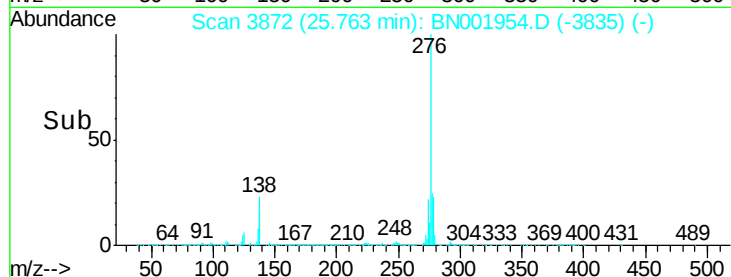
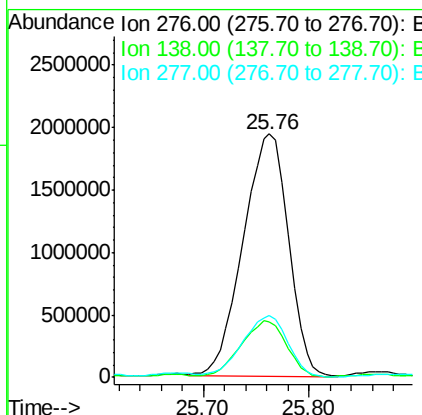
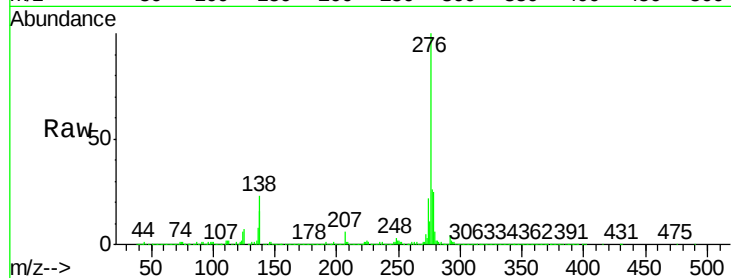


#89

Indeno(1,2,3-cd)pyrene
Concen: 38.795 ng/ul
RT: 25.76 min Scan# 3872
Delta R.T. 0.02 min
Lab File: BN001954.D
Acq: 03 Jul 2018 21:24

Instrument :
BNA_N
ClientSampled :

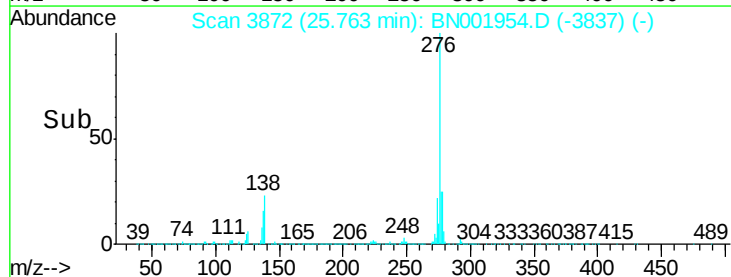
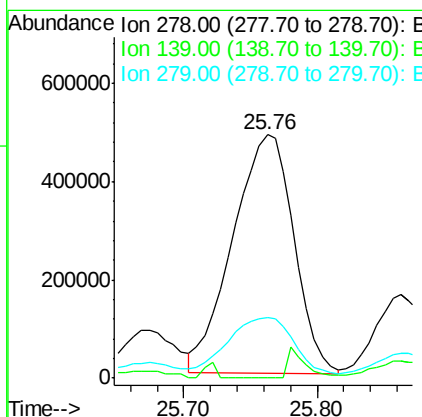
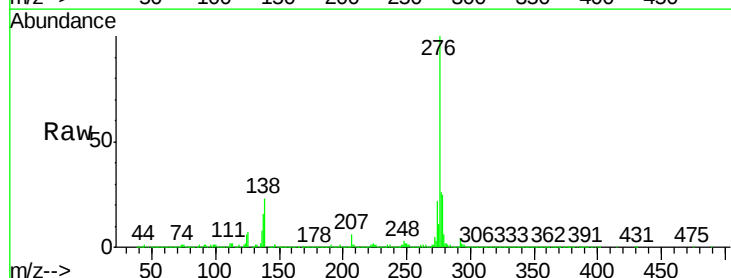
Tot Ion:276 Resp: 5802450
Ion Ratio Lower Upper
276 100
138 22.7 10.9 16.3#
277 25.5 18.9 28.3

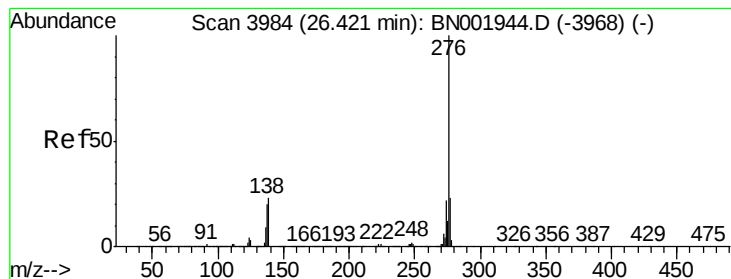


#90

Dibenzo(a,h)anthracene
Concen: 12.384 ng/ul
RT: 25.76 min Scan# 3872
Delta R.T. 0.01 min
Lab File: BN001954.D
Acq: 03 Jul 2018 21:24

Tgt Ion:278 Resp: 1541582
Ion Ratio Lower Upper
278 100
139 0.0 9.0 13.4#
279 24.7 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 39.245 ng/ul

RT: 26.44 min Scan# 3988

Delta R.T. 0.02 min

Lab File: BN001954.D

Acq: 03 Jul 2018 21:24

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 4841977

Ion Ratio Lower Upper

276 100

138 23.3 11.2 16.8#

277 24.4 19.0 28.6

