

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070318\
 Data File : BN001956.D
 Acq On : 03 Jul 2018 22:35
 Operator : JU/SJ
 Sample : J3721-20 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 04 01:05:01 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	678017	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	3036368	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1707255	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3483967	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	2394563	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2208275	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	12252	0.78	ng/uL	0.00
5) Phenol-d5	6.88	99	285614	4.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	184820	4.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	235644	4.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	213073	4.33	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	112578	4.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	122666	5.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	234036	4.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	166791	3.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	699653	4.85	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	884119	4.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	82137	3.09	ng/ul	0.00
57) Fluorene-d10	15.33	176	615532	4.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	66604	3.51	ng/ul	0.00
70) Anthracene-d10	17.18	188	878418	5.22	ng/ul	0.00
76) Pyrene-d10	19.48	212	801211	6.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	600582	5.00	ng/ul	0.00

Target Compounds

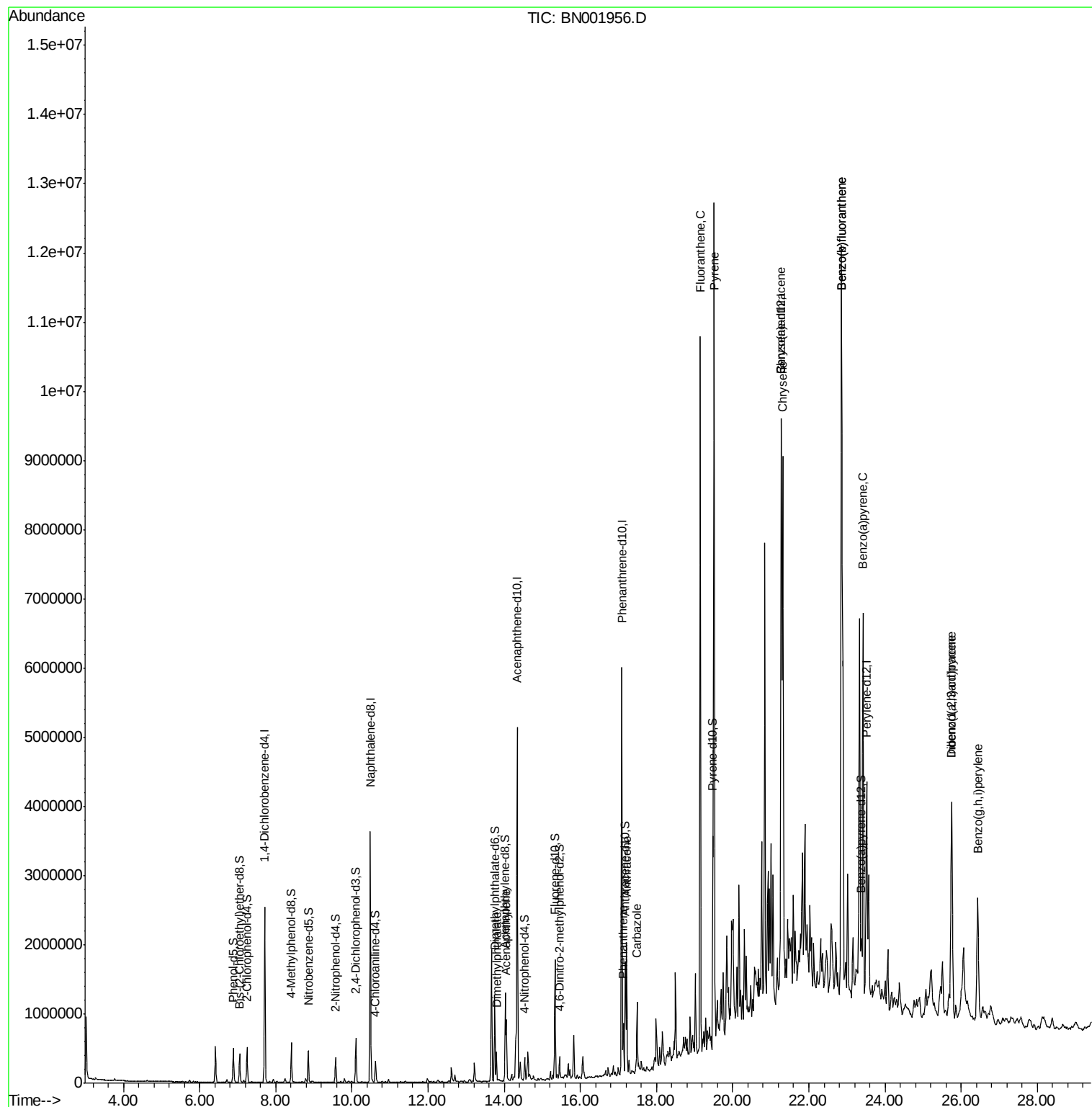
					Ovalue	
44) Dimethylphthalate	13.80	163	263348	1.859	ng/ul#	98
47) Acenaphthylene	14.06	152	608608	3.543	ng/ul	99
69) Phenanthrene	17.13	178	465926	2.374	ng/ul	99
71) Anthracene	17.22	178	1168358	5.881	ng/ul	97
72) Carbazole	17.49	167	606501	3.645	ng/ul	98
74) Fluoranthene	19.15	202	6313417	30.604	ng/ul#	90
77) Pyrene	19.52	202	7672977	51.204	ng/ul#	87
80) Benzo(a)anthracene	21.27	228	3304424	21.835	ng/ul	93
82) Chrysene	21.32	228	5029566	35.719	ng/ul	99
85) Benzo(b)fluoranthene	22.86	252	8420161	60.371	ng/ul#	94
86) Benzo(k)fluoranthene	22.86	252	8420161	62.257	ng/ul#	94
88) Benzo(a)pyrene	23.42	252	3799725	29.153	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.75	276	2916864	21.032	ng/ul#	91
90) Dibenzo(a,h)anthracene	25.75	278	752791	6.522	ng/ul#	86
91) Benzo(g,h,i)perylene	26.43	276	2089561	18.265	ng/ul#	92

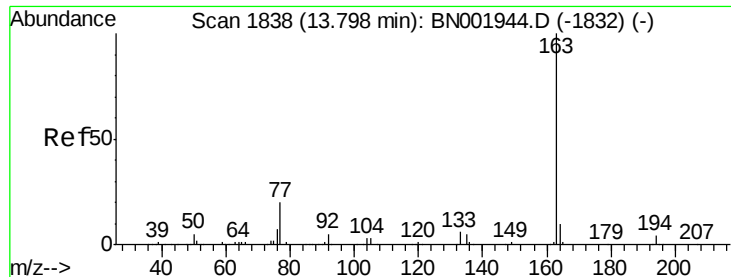
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 04 00:59:54 2018
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.859 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

Instrument :

BNA_N

ClientSampleId :

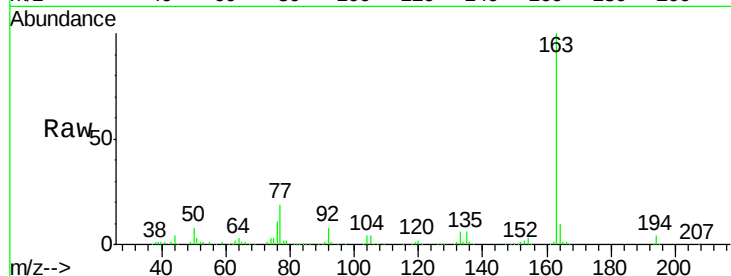
Tot Ion:163 Resp: 263348

Ion Ratio Lower Upper

163 100

194 3.9 4.0 6.0#

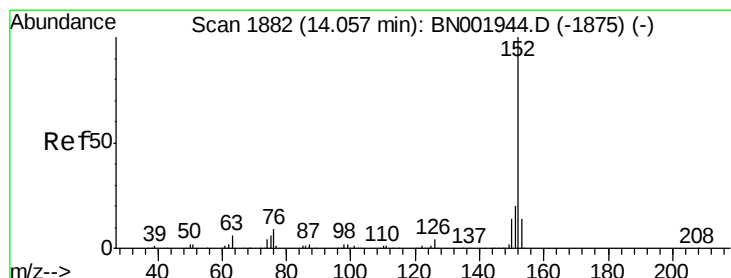
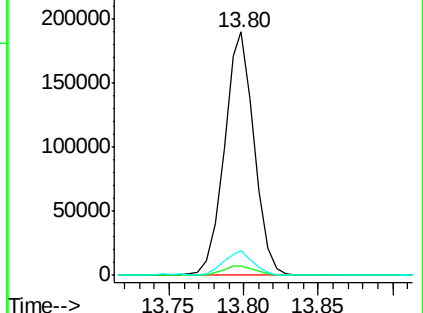
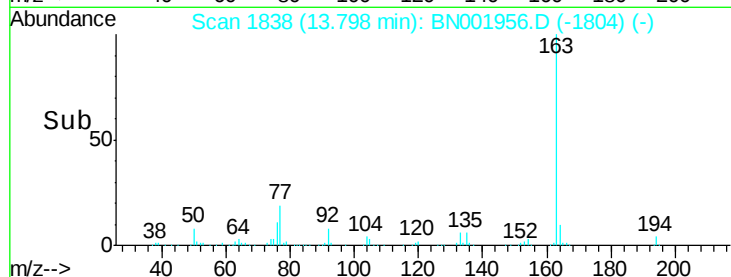
164 10.1 8.4 12.6



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: 3.543 ng/ul

RT: 14.06 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

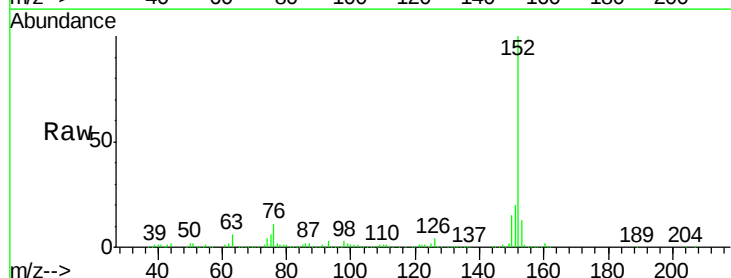
Tgt Ion:152 Resp: 608608

Ion Ratio Lower Upper

152 100

151 20.5 16.1 24.1

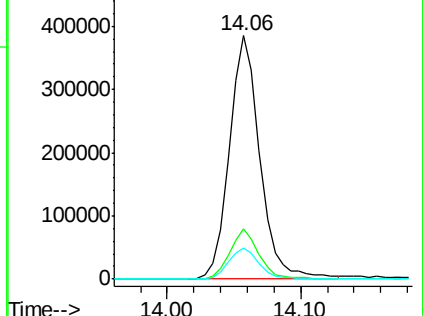
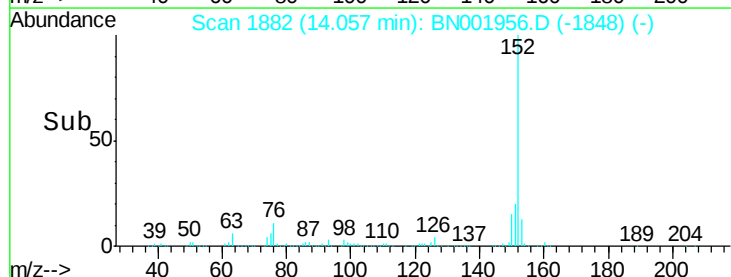
153 13.0 10.8 16.2

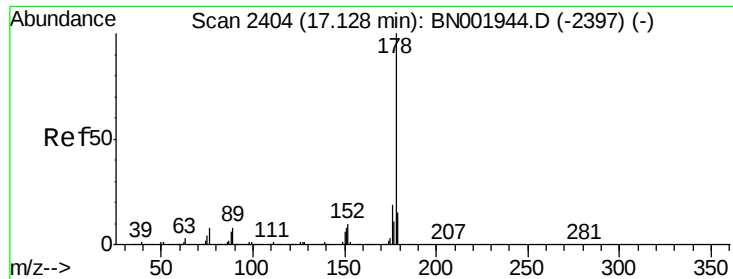


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 2.374 ng/ul

RT: 17.13 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

Instrument :

BNA_N

ClientSampleId :

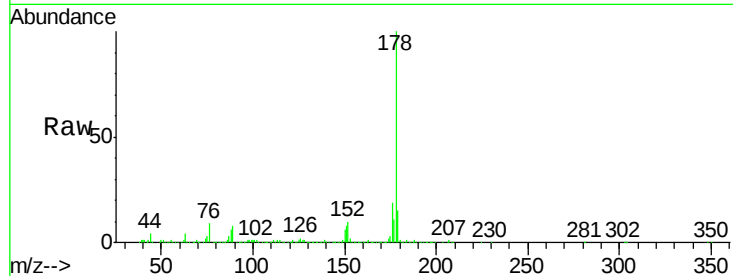
Tot Ion:178 Resp: 465926

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

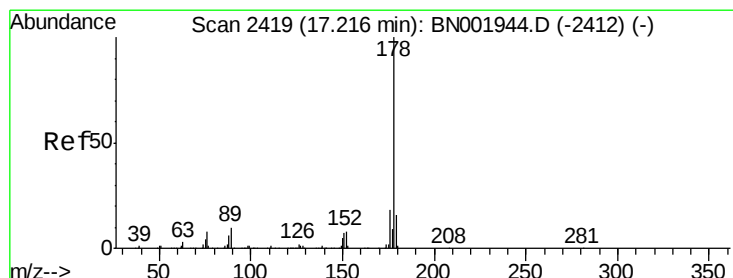
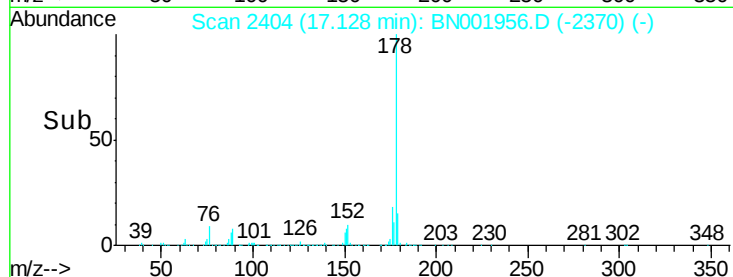
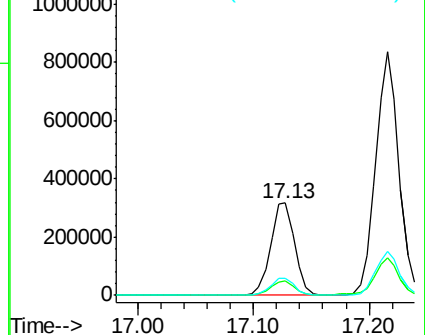
176 18.5 15.4 23.0



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: 5.881 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

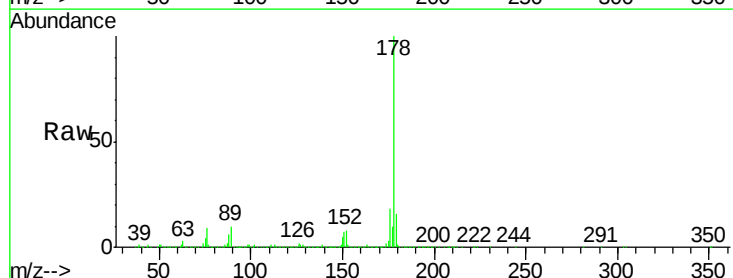
Tgt Ion:178 Resp: 1168358

Ion Ratio Lower Upper

178 100

179 15.5 13.4 20.2

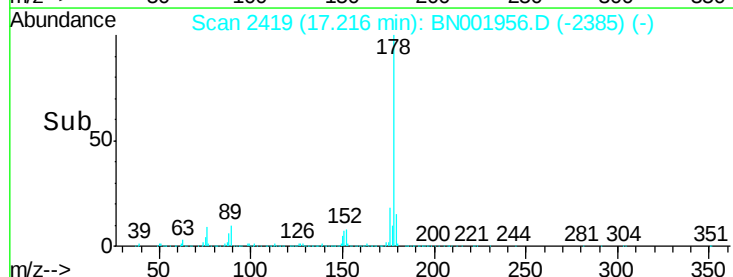
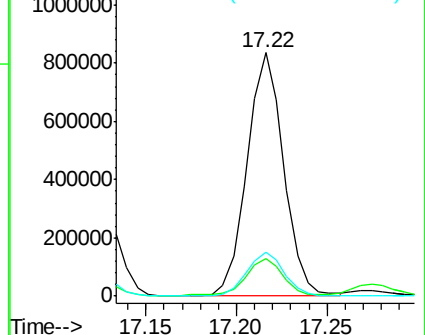
176 18.1 15.4 23.0

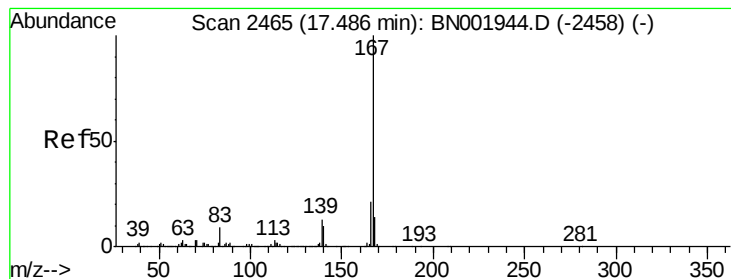


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 3.645 ng/ul

RT: 17.49 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

Instrument :

BNA_N

ClientSampled :

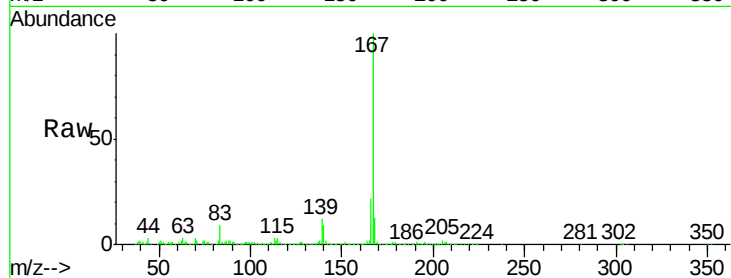
Tot Ion:167 Resp: 606501

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.4

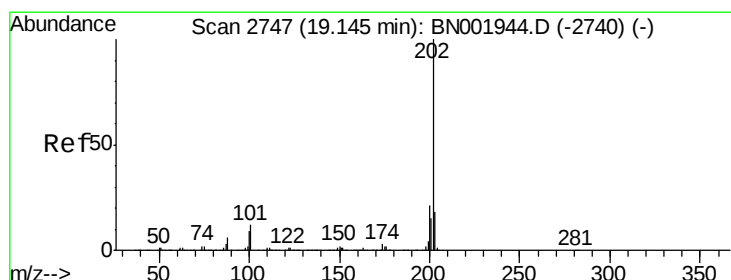
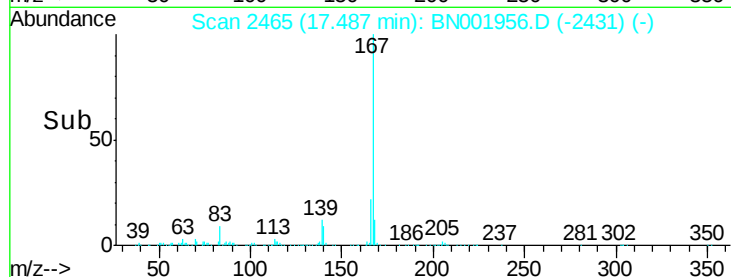
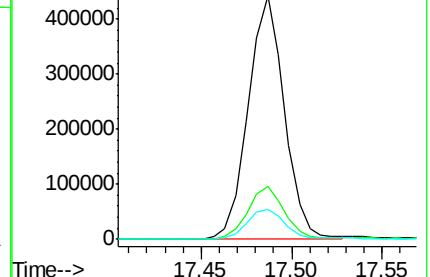
139 12.4 9.1 13.7



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: 30.604 ng/ul

RT: 19.15 min Scan# 2748

Delta R.T. 0.01 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

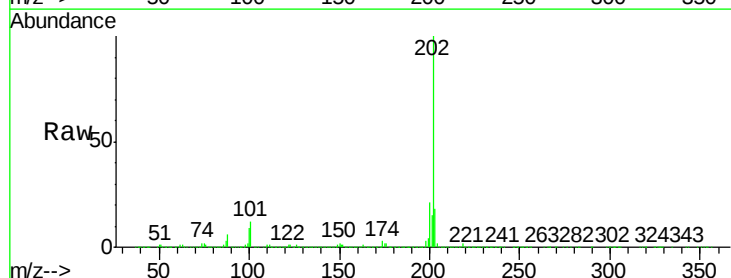
Tgt Ion:202 Resp: 6313417

Ion Ratio Lower Upper

202 100

101 11.7 6.1 9.1#

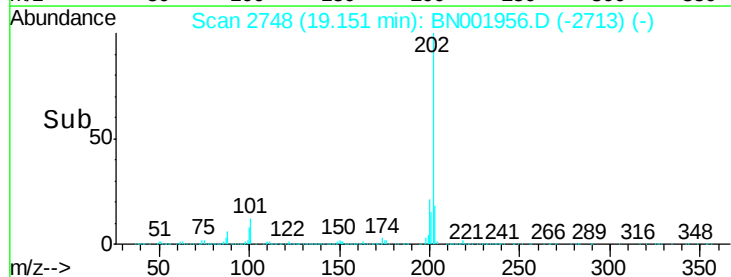
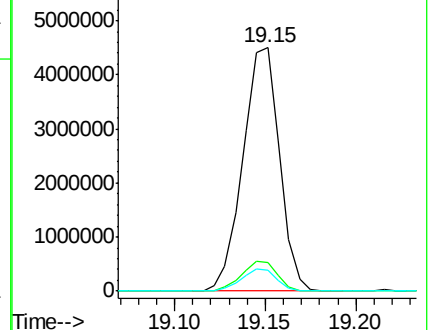
100 8.5 4.6 7.0#

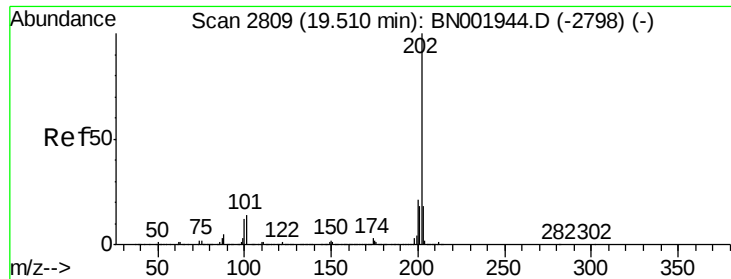


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 51.204 ng/ul

RT: 19.52 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

Instrument :

BNA_N

ClientSampleId :

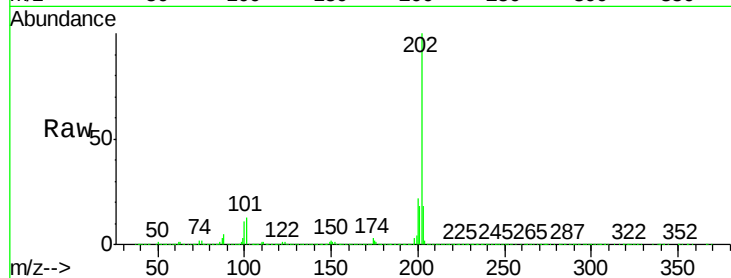
Tot Ion:202 Resp: 7672977

Ion Ratio Lower Upper

202 100

101 13.5 6.9 10.3#

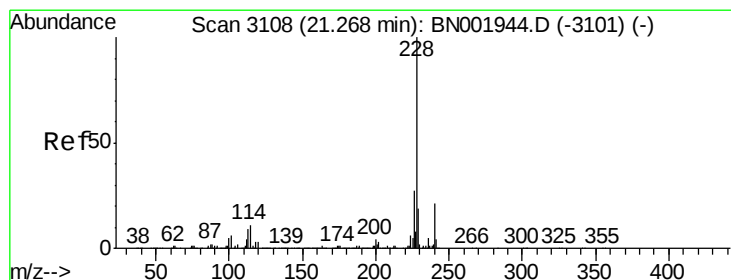
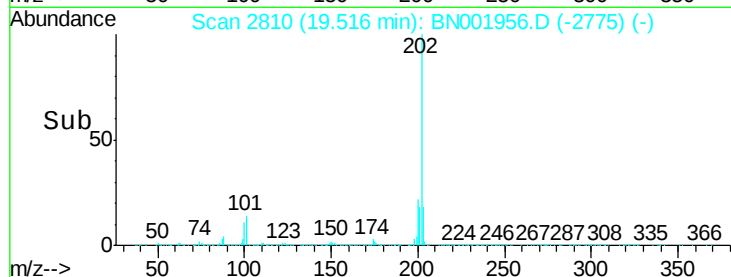
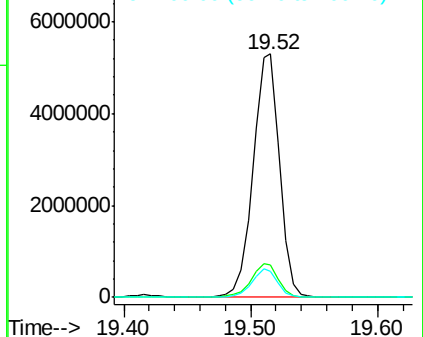
100 10.9 5.6 8.4#



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: 21.835 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

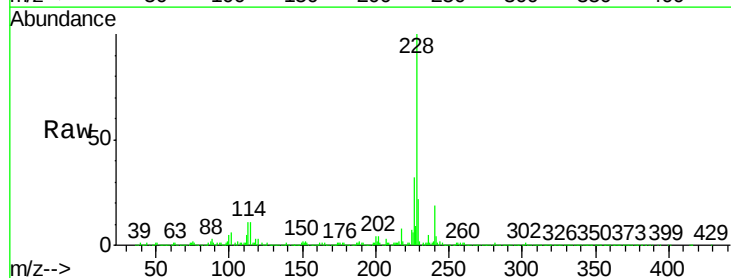
Tgt Ion:228 Resp: 3304424

Ion Ratio Lower Upper

228 100

229 22.0 16.0 24.0

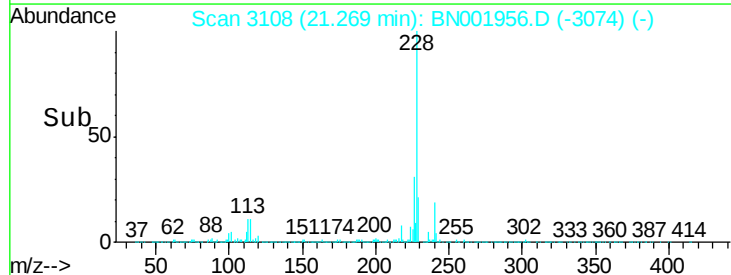
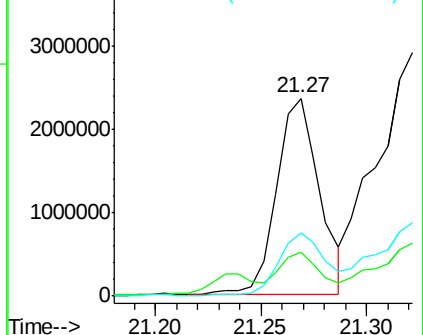
226 31.9 21.8 32.8

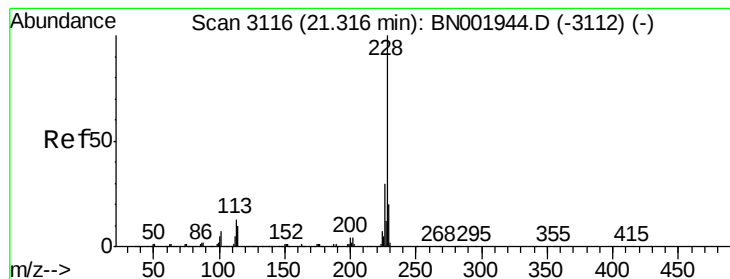


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 35.719 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

Instrument :

BNA_N

ClientSampled :

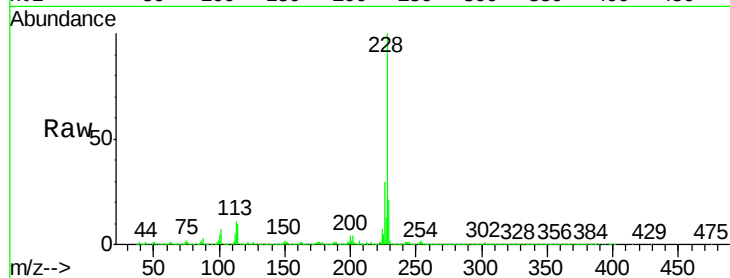
Tot Ion:228 Resp: 5029566

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

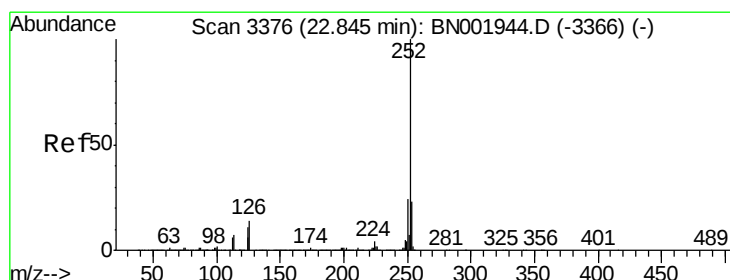
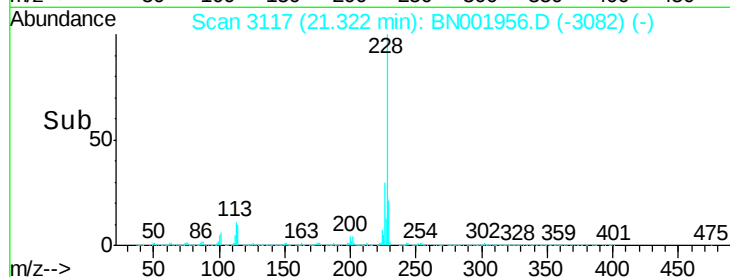
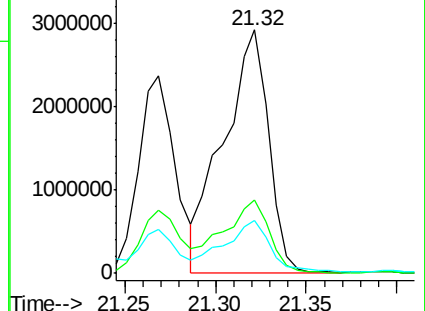
229 21.5 16.0 24.0



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: 60.371 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. 0.01 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

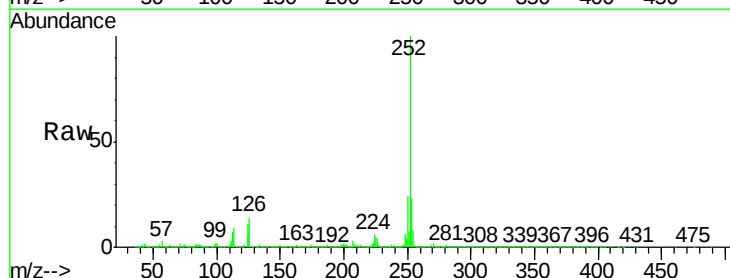
Tgt Ion:252 Resp: 8420161

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

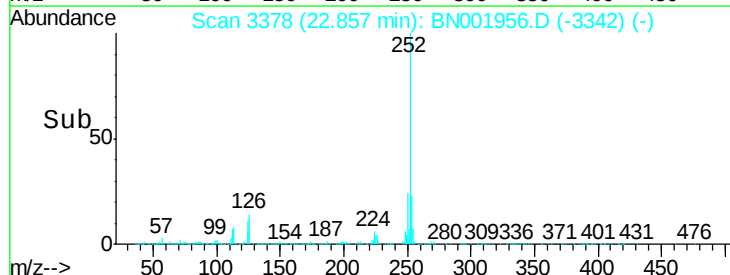
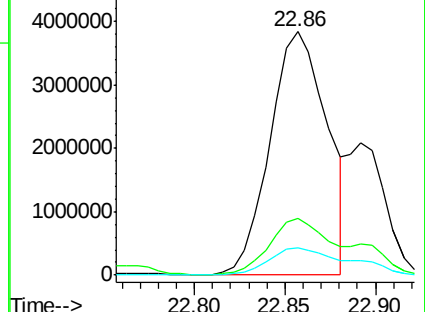
125 11.3 4.9 7.3#

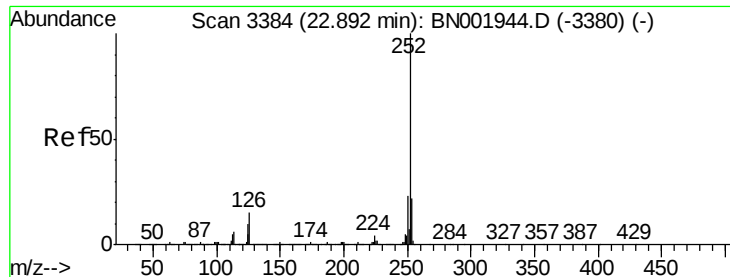


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

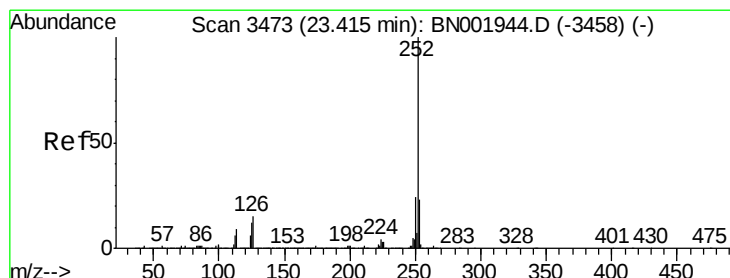
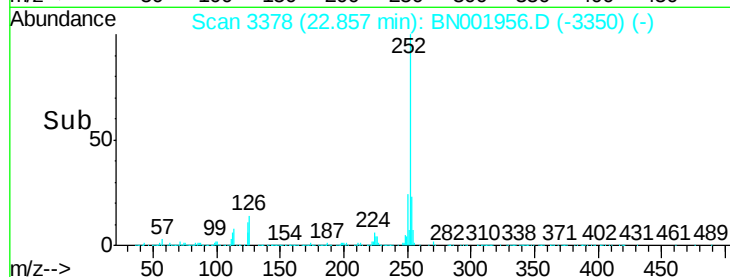
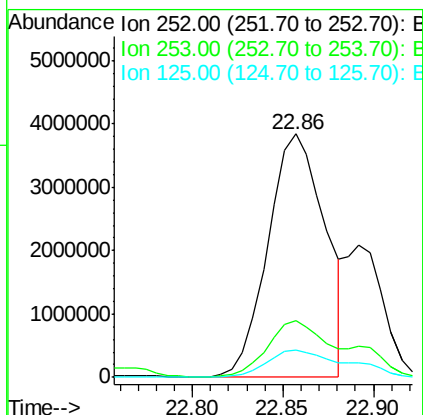
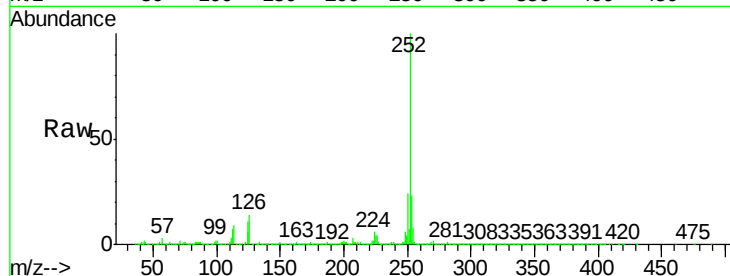




#86
Benzo(k)fluoranthene
Concen: 62.257 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.04 min
Lab File: BN001956.D
Acq: 03 Jul 2018 22:35

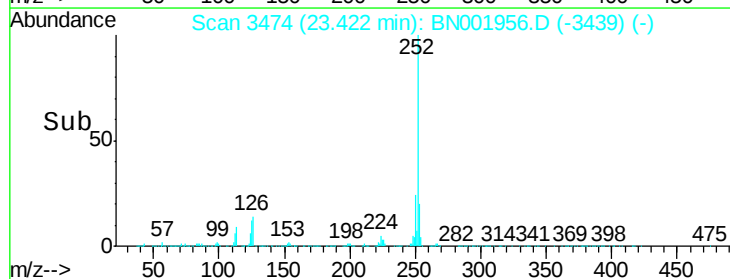
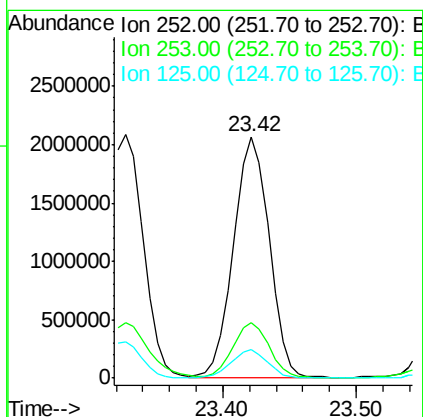
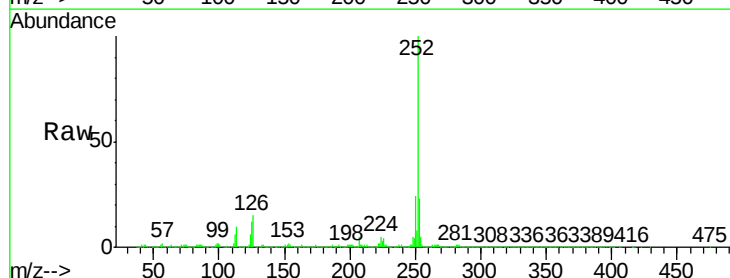
Instrument :
BNA_N
ClientSampleId :

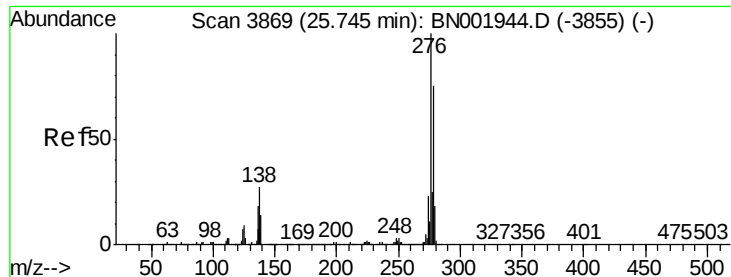
Tot Ion:252 Resp: 8420161
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 11.3 5.4 8.0#



#88
Benzo(a)pyrene
Concen: 29.153 ng/ul
RT: 23.42 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BN001956.D
Acq: 03 Jul 2018 22:35

Tgt Ion:252 Resp: 3799725
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 11.7 5.8 8.6#



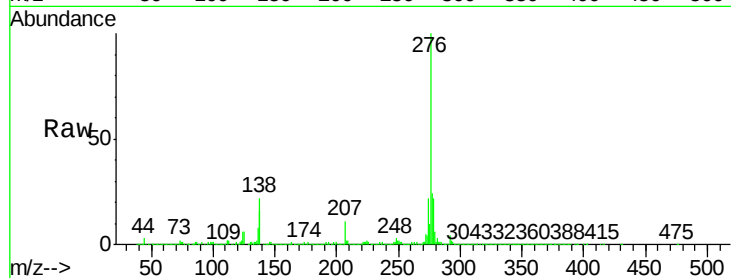


#89

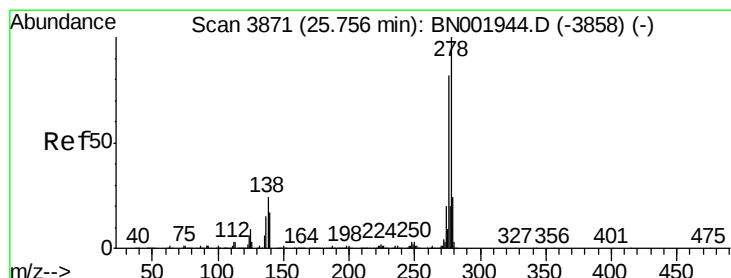
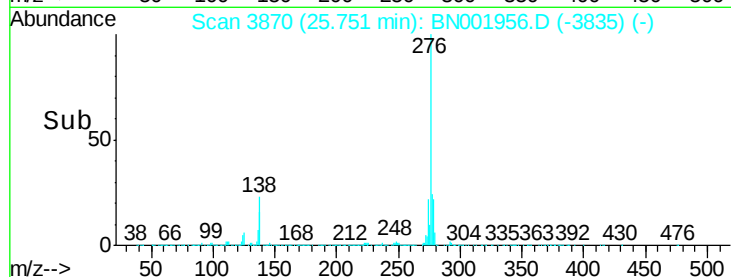
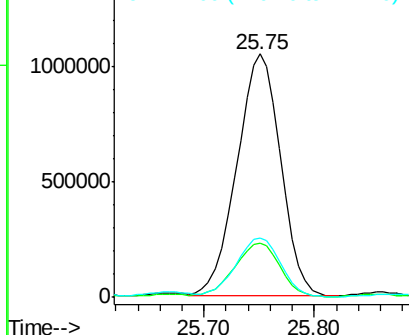
Indeno(1,2,3-cd)pyrene
Concen: 21.032 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. 0.01 min
Lab File: BN001956.D
Acq: 03 Jul 2018 22:35

Instrument :
BNA_N
ClientSampled :

Tot Ion:276 Resp: 2916864
Ion Ratio Lower Upper
276 100
138 22.5 10.9 16.3#
277 24.4 18.9 28.3



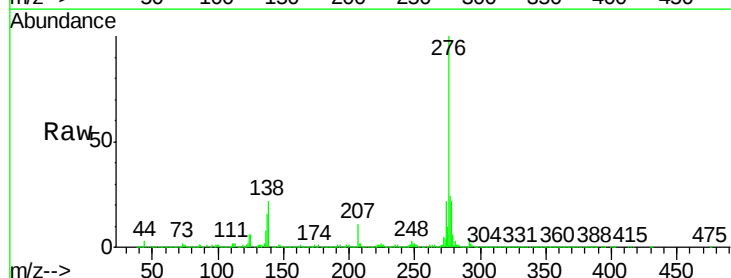
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



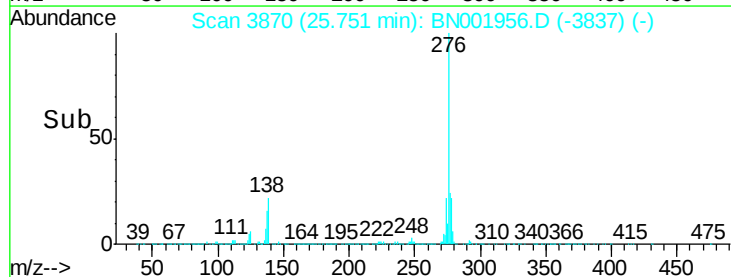
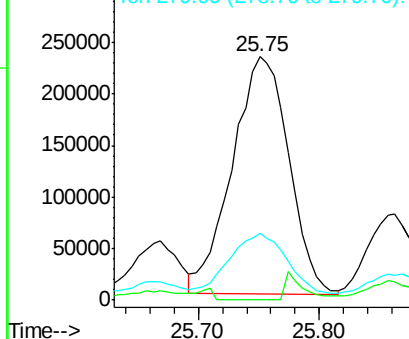
#90

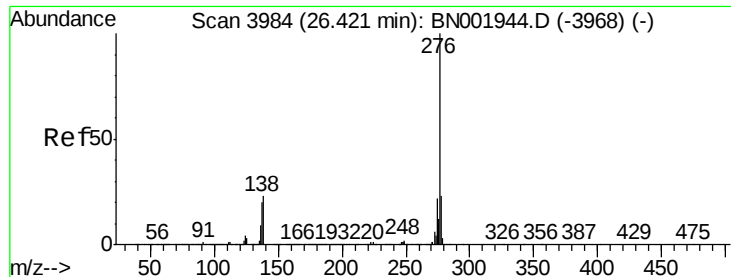
Dibenzo(a,h)anthracene
Concen: 6.522 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BN001956.D
Acq: 03 Jul 2018 22:35

Tgt Ion:278 Resp: 752791
Ion Ratio Lower Upper
278 100
139 0.0 9.0 13.4#
279 27.4 19.1 28.7



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





#91

Benzo(a,h,i)perylene

Concen: 18.265 ng/ul

RT: 26.43 min Scan# 3986

Delta R.T. 0.01 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

Instrument :

BNA_N

ClientSampleId :

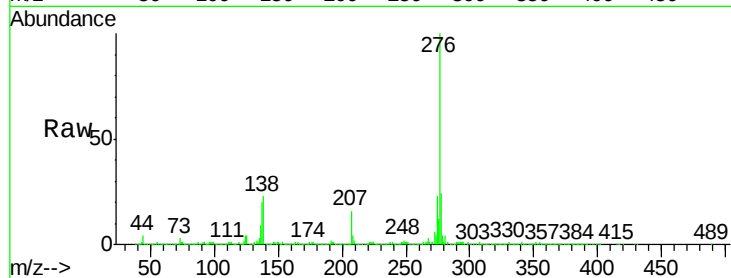
Tot Ion:276 Resp: 2089561

Ion Ratio Lower Upper

276 100

138 22.6 11.2 16.8#

277 24.2 19.0 28.6



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

